

**COUNTY OF SAN MATEO
PLANNING AND BUILDING DEPARTMENT**

DATE: May 22, 2024

TO: Planning Commission

FROM: Planning Staff

SUBJECT: EXECUTIVE SUMMARY: Consideration of a Coastal Development Permit to allow for the replacement of eight restrooms and install upgrades to existing parking lots to provide accessible parking, paths, and picnic tables at eight State Parks locations. This project is appealable to the California Coastal Commission.

County File Number: PLN2023-00271 (State Parks)

PROPOSAL

The State of California Department of Parks and Recreation (DPR) is proposing to replace restrooms and install upgrades to existing parking lots to provide Americans with Disabilities Act (ADA) compliant parking, accessibility paths, and picnic tables at eight State Parks locations.

RECOMMENDATION

That the Planning Commission approve the Coastal Development Permit, County File Number PLN2023-00271, by adopting the required findings and conditions of approval listed in Attachment A.

SUMMARY

The proposed project involves eight existing coastal parks in unincorporated San Mateo County: Burleigh H. Murray Ranch State Park, Cowell Ranch State Beach, San Gregorio State Beach, Pomponio State Beach, Pescadero State Beach North, Pescadero State Beach Central, Bean Hollow State Beach, and Ano Nuevo at Gazos State Beach. Except for Burleigh H Murray Ranch State Park all of the project sites are located to the west of Cabrillo Highway (Highway 1). The adjacent parcels are largely bordered by other State Park lands but at least one is located adjacent to agricultural lands. The Burleigh H. Murray Ranch State Park parking lot is located approximately 2.4 miles to the east of Cabrillo Highway. The parking lot is located amongst other State-owned parcels that make up the park, a mix of low-density residential, and agricultural uses. All of the parks are developed with differing amenities but generally support parking lots, picnic areas, toilet facilities, and trails.

Staff has completed a review of the project and submitted documents and reports in order to determine the project's conformity to applicable policies. The project was found to be consistent with the County's General Plan, Local Coastal Program, and Zoning Regulations. There were no identified impacts to special status species, historical/archaeological resources, water quality, or visual resources. For the purposes of compliance with the California Environmental Quality Act (CEQA), the California Department of Parks and Recreation has assumed the role of lead agency. As such, the State filed a notice of exemption citing that the project consists of minor alterations which result in a negligible expansion of use beyond current levels; that the proposed project will have substantially the same purpose and capacity as the existing development; that the project does not involve the removal of healthy, mature, or scenic trees; and that the construction or placement of minor structures accessory to existing facilities listed as "Construction or installation of additional public use facilities" in the Department of Parks and Recreation's list of exempt activities, and is in accordance with CCR Section 15300.4.

**COUNTY OF SAN MATEO
PLANNING AND BUILDING DEPARTMENT**

DATE: May 22, 2024

TO: Planning Commission

FROM: Planning Staff

SUBJECT: Consideration of a Coastal Development Permit, pursuant to Section 6328.4 of the County Zoning Regulations, to allow for the replacement of eight restrooms and installation of upgrades to existing parking lots to provide accessible parking, paths, and picnic tables at eight State Park locations. This project is appealable to the California Coastal Commission.

County File Number: PLN2023-00271 (State Parks)

PROPOSAL

The California Department of Parks and Recreation (DPR or State Parks) is proposing to replace restrooms and install upgrades to existing parking lots to provide Americans with Disabilities Act (ADA) compliant parking, accessibility paths, and picnic tables at eight State Parks locations. The proposed activities for each site are detailed below:

Bean Hollow State Beach

Remove the existing vault and chemical toilets and install double ADA accessible vault toilet (one building with two restrooms), replace the existing ramp leading to the toilet with an ADA compliant ramp, add a new ADA compliant paved van parking space, improve existing picnic area for accessibility, install a crosswalk between improved ramp and picnic area/van parking, and add new signage.

Burleigh Murray State Park

Install a single vault accessible toilet, one (1) 72 sq. ft. paved van accessible space (including striping and wheel stops), aggregate walkway, signage, and onsite drainage measures, all of which are to be located within the boundaries of the existing unpaved parking lot. The project also includes installation of compacted aggregate transition from the existing parking lot to Higgins Canyon Road.

Cowell Ranch State Beach

Remove the existing chemical restroom and replace with a single vault accessible restroom on a new concrete slab. The new toilet is proposed to be located immediately adjacent to the existing toilet to be removed. The project also includes installation of a new accessible ramp from the existing paved accessible parking spaces to new toilet location, concrete curbing, a compacted aggregate transition to the existing road, drainage measures, and installation of two (2) ADA signs on posts.

Gazos Creek at Año Nuevo State Beach

Remove existing chemical toilets and replace with double vault accessible toilet, construct a 20 sq. ft. new concrete ramp from toilets to parking lot, new ADA compliant concrete walkway, new signage, and remove four parking spaces and replace with one van accessible concrete parking space and one standard concrete parking space.

Pescadero State Beach- North

Remove existing single vault toilet and replace with double vault accessible toilet in same location. Reconfigure five (5) parking spaces to accommodate for the double vault toilet, installation of concrete curbing, accessible concrete parking, concrete walkways, a concrete ramp and asphalt to patch areas of the parking lot that were disturbed, two (2) ADA signs on posts, stripe parking stalls, and install wheel stops.

Pescadero State Beach- Central

Remove existing single vault toilet and replace with a double vault accessible toilet in same location. Enlarge improved area by creating a concrete ADA parking stall, striping and wheel stops, and walkway immediately adjacent to the existing toilet. Improvements at this site also include installation of asphalt to patch the parking lot as needed, two (2) ADA signs on posts, and one (1) set of trash and recycling containers.

Pomponio State Beach

Construct a concrete parking slab, a concrete walkway and patch the parking lot where needed. Excavate for a drainage swale. Install a wooden display case, seven (7) ADA concrete picnic tables, one (1) barbecue, three (3) trash and recycle containers and relocate the existing self-pay parking station. Install a 12-foot wide by 4-foot-tall metal pipe vehicle gate. Install four (4) ADA signs, stripe parking stalls and install wheel stops.

San Gregorio State Beach

Install concrete curbing, a two-car ADA concrete parking stall, a concrete walk, concrete access road and road transition and asphalt to patch existing disturbed areas. Excavate a 1-foot by 1-foot by 12-foot-long trench to install a new drain. Install

3,375 sq. ft. of asphalt and 800 sq. ft. of rock slope protection. Install a picnic shade structure, two (2) concrete picnic tables, wood mulch and a vehicle gate. Install four (4) ADA signs on posts, stripe parking stalls and install wheel stops.

RECOMMENDATION

That the Planning Commission approve the Coastal Development Permit, County File Number PLN2023-00271, by adopting the required findings and conditions of approval listed in Attachment A.

BACKGROUND

Report Prepared By: Angela Chavez, Senior Planner, email: achavez@smcgov.org

Applicant: Linda Hitchcock for California State Parks

Owner: State of California

Public Notification: Ten (10) day advanced notification for the hearing was mailed to property owners within 300 feet of the project parcel and a notice for the hearing posted in a newspaper (San Mateo County Times) of general public circulation.

Location	APN	Size	General Plan /Local Coastal Plan Designations
Bean Hollow State Beach	086-202-010	16.50 acres	Recreation, Public Recreation
Burliegh Murray State Park	066-110-010	20 acres	Agriculture
Cowell Ranch State Beach	066-170-998	24 acres	Agriculture
Gazos Creek /Año Nuevo State Beach	086-330-050	7.27 acres	Recreation, Public Recreation
Pescadero State Beach (North)	086-240-040	41.32 acres	Recreation, Public Recreation
Pescadero State Beach (Central and South)	086-220-030	13.53 acres	Recreation, Public Recreation
Pomponio State Beach	087-170-030	11.71 acres	Recreation, Public Recreation
San Gregorio State Beach	081-012-010	13.30 acres	Recreation, Public Recreation

Existing Zoning: All of the subject parcels have the same zoning designation of PAD/CD (Planned Agricultural District/Coastal Development District)

Sphere-of-Influence: None of the parcels are within the sphere-of-influence of any incorporated city.

Williamson Act: None of the subject parcels are Williamson Act contracted parcels.

Existing Land Use: All of the subject parcels are developed as State beach or park facilities.

Water Supply: There is no municipal water service or well that services any of the parks. The proposed toilets are non-flush toilets and do not include hand washing stations. No potable water is required in order to complete or service the improvements.

Sewage Disposal: There is no municipal sewer service available to the parks as they are all located outside of the Urban/Rural Boundary. In order to minimize the potential for environmental impacts all of the proposed toilets will utilize a vault design.

Flood Zone: Various. All of the sites with the exception of Pomponio State Beach have a FEMA flood designation of Zone X, areas determined to be outside the 0.2 % annual chance floodplain. The lower portion of the Pomponio State Beach parking lot has a FEMA flood designation of VE, coastal areas with a 1 % or greater chance of flooding and an additional hazard associated with storm waves while the upper portion of the property has a FEMA Flood designation of AE - Special Flood Hazard Area (SFHA) where base flood elevations have been established.

Environmental Evaluation: The California Department of Parks and Recreation, as lead agency, has determined this project to be categorically exempt from the California Environmental Quality Act (CEQA) under CEQA Guidelines Sections 15301 (Class 1), 15302 (Class 2), 15303 (Class 3), and 15304 (Class 4) and has prepared and posted a Notice of Exemption.

Setting: The proposed project involves eight existing coastal parks in unincorporated San Mateo County: Burleigh H. Murray Ranch State Park, Cowell Ranch State Beach, San Gregorio State Beach, Pomponio State Beach, Pescadero State Beach North, Pescadero State Beach Central, Bean Hollow State Beach, and Año Nuevo at Gazos State Beach. Except for Burleigh H Murray Ranch State Park all of the project sites are located to the west of Cabrillo Highway (Highway 1). The adjacent parcels are largely bordered by other State Park lands with the exception of Cowell Ranch State Beach which is located adjacent to agricultural lands. Burleigh H. Murray Ranch State Park parking lot is located approximately 2.4 miles to the east of Cabrillo Highway. The parking lot is located among other State-owned parcels that make up the park, a mix of low-density residential, and agricultural uses. All of the parks are developed with

differing amenities but generally support parking lots, picnic areas, toilet facilities, and trails.

DISCUSSION

A. KEY ISSUES

1. Conformance with the General Plan

Staff has reviewed the project and found it to be in compliance with the policies of the General Plan. The relevant policies are discussed below:

a. Vegetative, Water, Fish and Wildlife Resources

Policy 1.28 (*Regulate Development to Protect Sensitive Habitats*) regulates land uses and development activities within and adjacent to sensitive habitats in order to protect critical vegetative, water, fish and wildlife resources; protect rare, endangered and unique plants and animals from reduction in their range or degradation of their environment; and protect and maintain the biological productivity of important plant and animal habitats.

The proposed project scope is largely confined to preexisting facilities with some minor expansion into adjacent areas at Pescadero State Beach Central and Bean Hollow State Beach. As part of the permit application a Biological Impact Report was completed for the project by Devin Jokerst, Senior Environmental Scientist. The report notes that while there is known high quality habitat which supports special-status species in the vicinity of the project sites, the sites themselves do not contain high-quality suitable habitat. This is the case because project areas are predominately paved, routinely maintained, and frequently visited (i.e., disturbed by park visitors). However, the Biological Impact Report does provide avoidance and minimization measures which will be implemented for the project, ensuring direct and indirect impacts to special-status species and sensitive natural communities are prevented.

b. Soil Resources

Policy 2.17 (*Regulate Development to Minimize Soil Erosion and Sedimentation*) aims to minimize soil erosion and sedimentation by minimizing the removal of vegetative cover, ensuring stabilization of disturbed areas, protecting and enhancing natural plant communities and nesting and feeding areas of fish and wildlife.

The majority of site improvements are limited to previously disturbed areas or to areas immediately adjacent to improved areas. The creation of compliant ADA spaces does involve minor grading to incorporate materials and provide appropriate finished grades. While the majority of sites involve less than 250 c.y. of grading activity, San Gregorio State Park involves the most grading at 490 c.y. However, the work is limited to the existing parking lot, picnic area, and pathways that lead to beach access and toilet to be replaced.

Utilizing these locations results in minimal vegetation removal and disturbance to previously undisturbed areas. However, areas disturbed by construction will be replanted with a more diverse mixture of native species. Measures such as swales will be utilized to direct runoff to avoid potential impacts associated with uncontrolled runoff.

c. Visual Quality Policies

Policy 4.17 (*Protections for Coastal Features*) regulates coastal development to protect and enhance natural landscape features and visual quality through measures that ensure the basic integrity of sand dunes, cliffs, bluffs and wetlands.

All of the project sites, with the exception of Burliegh Murray State Park, are located to the west of Cabrillo Highway on the coastal bluff. A variety of coastal features are present within the parcels as a whole but the specific project areas have largely been previously disturbed or are immediately adjacent to disturbed areas. The project areas are dominated by low lying vegetation which provides scenic vistas from Highway 1, trails, and other scenic viewpoints. The proposed toilet units are replacement units in the same general vicinity as either existing vault toilets or chemical toilets. The other proposed improvements to the parking lots, trails, and picnic areas are also limited to previously disturbed areas or are immediately adjacent to disturbed area. There are no dunes or wetlands identified in the immediate project areas by either the biological assessment or any map resource.

Policies 4.48 (*Topography and Vegetation*) and 4.52 (*Colors and Materials*) calls for development to employ colors and materials that blend with or complement the surrounding natural environment.

The proposed vault toilet units are consistent with the toilets found throughout the State beaches on the Coastside. The proposed toilet exterior utilizes natural colors of brown and green to blend with the surrounding environment. Given the small size of the proposed toilet units (each single toilet is 144 sq. ft., and each double toilet is 178.75

sq. ft. in size) the disturbance of existing vegetation has been determined to be minor. No trees are proposed for removal as part of the project, and no sensitive habitats will be disturbed.

d. Historical and Archaeological Resources Policies

Policy 5.20 (*Site Survey*) determines if sites proposed for new development contain archaeological/paleontological resources. Prior to approval of development on sites determined to have the potential to contain such resources, require that a mitigation plan, adequate to protect the resource and prepared by a qualified professional, be reviewed and implemented as a part of the project.

The California State Parks Department noted that Mark Hyklema, Cultural Resource Supervisor, conducted a cultural resources study and found no resources within the project areas. However, in the event that inadvertent finds are encountered a condition of approval has been added to ensure proper handling to avoid any potential impact.

e. Park and Recreation Resources Policies

Policy 6.5 (*Access to Park and Recreation Facilities*) attempts to provide appropriate access and conveniences for all people in park and recreation facilities.

DPR's 2001 Transition Plan for Accessibility in California State Parks evaluated the State's 266 parks for access improvements based on field surveys and visitor input. All of the parks with the exception of Cowell Ranch State Beach (no rating) have been identified by the State as being either a level 3 or 4 park (on a scale of one to five; Level 1 being the most frequented and providing high amenities) for visitors served, and currently provides some areas which are ADA accessible. While all of the subject parks have improved parking lots and toilets (either vault or chemical) the provision of accessible toilets, improvements to parking areas, new picnic areas, and accessible pathways will improve accessibility and usability of the parks for all visitors.

f. General Land Use Policies

Policy 7.18 (*Land Use Objectives for Rural Areas*) regulates the location of land uses in rural areas in order to (1) preserve natural resources, (2) provide for the managed productive use and monitoring of resources, (3) provide outdoor recreation, and (4) protect public health and safety.

The existing uses at each of the parks will continue, and improvements are limited to previously disturbed areas or the areas immediately adjacent to previously disturbed areas, thereby preserving natural resources, providing outdoor recreation, and preserving the health and safety of the public.

g. Natural Hazards Policies

Geotechnical Hazard Policies

Policy 15.5 defines geotechnical hazards to include seismic events, including but not limited to earthquakes, earthquake-induced landslides, liquefaction, subsidence, tidal flooding damage from earthquake induced tsunamis and seiches, and non-seismic unstable conditions (i.e., cliff retrenchment/erosion).

The parks at Gazos Creek at Año Nuevo, Pescadero Central, Pomponio, and San Gregorio are all mapped as at risk for tsunami and seiches. However, a more detailed review of FEMA's Flood Maps shows that only Pomponio and San Gregorio have areas of work proposed for areas that are mapped. San Gregorio is also located within the Alquist Priolo Study Area.

Policy 15.19 (*Appropriate Land Uses and Densities in Geotechnical Hazard Areas*) and 15.20 (*Review Criteria for Locating Development in Geotechnical Hazard Areas*) seeks to minimize the exposure of large numbers of people to significant geotechnical hazards and to avoid the siting of structures areas where they are jeopardized by geotechnical hazards, where their location could potentially increase the geotechnical hazard, or where they could increase the geotechnical hazard to neighboring properties.

As noted previously, all of the project sites are improved. While these areas will see some improvement via the replacement of existing toilets and some site work to provide accessibility, there are no structures to be utilized for human habitation, and no camping is allowed at these parks. Therefore, exposure to impacts from seismic events is limited and would not increase as a result of the project. In addition, the overall proposed development is minor, and any replacement costs associated with impacts are not expected to be substantial. Given the limited project scope and that the neighboring parcels are largely undeveloped, project completion does not involve elements which would increase the geotechnical hazard to neighboring properties.

Fire Hazard Policies

Policy 15.28 (*Review Criteria for Locating Development in Fire Hazard Areas*) calls for the clustering of new development near existing developed areas where there are adequate water supplies and good access for fire vehicles and to require new development in hazardous areas to be reviewed by the County Fire Warden to ensure that building materials, access, vegetative clearance from structures, fire flows, and water supplies are adequate for fire protection purposes and in conformance to the fire policies of the General Plan.

The only park site located within a mapped area for fire hazards is Burleigh H. Murray. The park is located in a State Responsibility Area designated as High risk. The existing parking lot is located within an area enclosed by an existing split rail fenced area with clear delineation between the parking lot and vegetated areas. The project does not include any structures for human habitation, electricity, or other elements which would require additional fire suppression. The project was also reviewed by County Fire, the responsible fire authority for this area, and they had no comments.

Flooding Hazard Policies

Policy 15.47 (*Review Criteria for Locating Development in Areas of Special Flood Hazard*) calls for the retention of natural floodplains and guide development to areas outside of areas of special flood hazard.

Pomponio is the only site located within a special flood hazard area. The scope of the project is limited to replacing the existing vault toilet in the same location, improving ADA parking, and providing ADA compliant walkways to the existing picnic area. All areas proposed for development at Pomponio are currently disturbed. The improved parking lot has been in this location for many years. The proposed improvements are relatively minor and relocating them to outside of the special flood hazard area would result in other potential impacts to sensitive habitats and views. Further, the project site sits below the roadway and parcels to the north and south are undeveloped State Parks property thereby ensuring that there are no impacts to adjacent properties.

2. Conformance with the Local Coastal Program (LCP)

Staff has reviewed the project and found it to be in compliance with the policies of the Local Coastal Program. The relevant policies are discussed below:

a. Locating and Planning New Development Component

Policy 1.8 (*Land Uses and Development Densities in Rural Areas Amount of Development allowed for Visitor-Serving, Commercial Recreation, and Public Recreation Uses*). Regarding recreational land uses, this policy requires one density credit for the first 945 gallons of average daily water use during the two months of highest water use in a year. This requirement applies to water use by or resulting from the recreational use including landscaping, swimming pools, etc.

The project sites do not have a potable water source. No irrigation of plantings is proposed; instead natural rainfall will provide the moisture for plant growth where re-seeding is proposed. The properties have been utilized for beach and bluff access for some time. Each site has varying levels of development, but most include formalized parking, picnic areas, trails, and either existing vault or chemical toilets. The accessibility improvements allow the parks to be utilized by all visitors but do not propose a change in use to the current visitor serving, public recreation, or overall intensity of the sites.

Policy 1.25 (*Protection of Archaeological/Paleontological Resources*) requires a determination as to whether sites proposed for new developments are located within areas containing potential archaeological/paleontological resources and, if so, require submittal of a mitigation plan for review and approval.

See discussion under A.1.d., above.

b. Agriculture Component

Policy 5.6(b) (*Permitted Uses on Lands Suitable for Agriculture Designated as Agriculture*) conditionally permits public recreation and shoreline access trails on agricultural land designed for agriculture. While the property is located in the PAD Zoning District, the Local Coastal Program land use designates the properties as Public Recreation.

See discussion under Section 3, below.

Policy 5.10 (*Conversion of Land Suitable for Agriculture Designated as Agriculture*) prohibits the conversion of non-prime agricultural land within a parcel to a conditionally permitted use unless it can be demonstrated that:

- (1) All agriculturally unsuitable lands on the parcel have been developed or determined to be undevelopable;

- (2) Continued or renewed agricultural use of the soils is not feasible as defined by Section 30108 of the Coastal Act;
- (3) Clearly defined buffer areas are developed between agricultural and non-agricultural uses;
- (4) The productivity of any adjacent agricultural lands is not diminished; and
- (5) Public service and facility expansions and permitted uses do not impair agricultural viability, including by increased assessment costs or degraded air and water quality.

Compliance with this policy is discussed under Section 3.b.3 and 4, below.

LCP Policy 5.33 (*Lease-Back of State Parks and Recreation Lands*) requires the State, where legally feasible, to lease agricultural lands for agricultural purposes provided such activities would not endanger existing sensitive habitats.

The majority of the sites have been part of the State Park system for some time and have not been utilized for agricultural purposes in recent years. Given existing development on these sites, the presence of sensitive habitats, and potential for cultural resources, agricultural operations would likely be infeasible and incompatible at these locations. There are other parcels that make up each of the overall park properties which could be utilized for agriculture. The State does, however, lease other State-owned properties within San Mateo County for agricultural purposes.

c. Sensitive Habitats Component

LCP Policies 7.1 (*Definitions of Sensitive Habitats*) and 7.3 (*Protection of Sensitive Habitats*) define and outline protections within sensitive habitat areas.

The biological report notes that a review of California Department of Fish and Wildlife's (CDFW) California Natural Diversity Data Base (CNDDDB) and California Native Plant Society's (CNPS) Rare Plant Inventory for special-status occurrences in the project areas identified the potential for 29 special status plants and 23 special status wildlife with the potential to occur in and adjacent to the project area. Subsequently, reconnaissance surveys of the project areas were conducted by the biologist. While the submitted Biological Impact Report notes that there were no observations of special-status plant

species, aquatic resources, or sensitive natural communities in the Project Areas, there are special status plants and/or sensitive habitat in the general vicinity of the project sites. As noted previously all parking lots are existing and have defined perimeters. The parks that propose minor expansions have no identified resources in close proximity. Those sites that have been identified as having resources in close proximity do not involve expansion beyond the existing boundaries. However, to ensure that there aren't any inadvertent impacts to these resources, the biological impact report has included avoidance and minimization measures which have been included as Conditions of Approval numbers 7-16 in Attachment A of this report.

d. Visual Resources Component

Policy 8.4 (*Cliffs and Bluffs*) requires development to be set back sufficiently far enough to ensure it is not visually obtrusive when viewed from the shoreline.

With the exception of Burleigh H. Murray Ranch State Park all of the other sites are located immediately adjacent to Cabrillo Highway and will largely be visible from the roadway. The double vault toilets units are approximately 179 sq. ft. in size and each single unit vault toilet is approximately 144 sq. ft. in size. The maximum height to roof of the units is approximately 12 feet 8 inches and to the top of the vault ventilator tube 14 feet 9 inches. However, given the small footprint of the units and that they are largely replacement units the visual impacts are minimal. The proposed locations will continue to have largely unobstructed views from scenic viewpoints toward the ocean and vice versa.

Policy 8.31 (*Regulation of Scenic Corridors in Rural Areas*) calls for the application of the General Plan Scenic Road Element; Section 6325.1 (Primary Scenic Resources Areas Criteria) of the Resource Management (RM) Zoning District as specific regulations protecting scenic corridors in the Coastal Zone; Rural Design Policies Landforms and Vegetative Forms LCP policies; special regulations for the Skyline Boulevard and Cabrillo Highway State Scenic Corridors; and requires a setback where possible. All of the project sites are located within the Cabrillo Highway (Highway 1) State Scenic Corridor with the exception of Burleigh H. Murray Ranch State Park which is located within the Half Moon Bay Road/ Higgins Purisima Road/ Purisima Creek Road County Scenic Corridors.

The proposed vault toilets are all located among existing development that is currently visible and will remain visible from the scenic corridors. However, given that the project scope is limited to existing

improved areas, the size of the proposed improvements, and mature vegetation, the project is not expected to result in substantial impacts to the view sheds.

Policy 8.17 (*Alteration of Landforms: Road and Grading*) requires development in rural lands to minimize the alteration of landforms as a consequence of grading and restore pre-existing topographic contours.

The proposed projects do not involve significant grading quantities and cluster proposed improvements within existing developed areas or immediately adjacent to them. With the exception of the improvements proposed for San Gregorio State Beach all grading proposed is less than 250 c.y. per site. The San Gregorio State Park project grading totals approximately 490 c.y. and is largely associated with the improvements of the walkway that runs from the existing parking lot, past the existing vault toilet locations, and terminating at the existing picnic area. However, the proposed grading work is located on areas previously disturbed or immediately adjacent to these areas thereby minimizing additional disturbance and land alterations.

e. Hazards Component

Please refer to the General Plan Hazards Policies, Section A.1.h of this staff report, for a discussion on mapped hazards.

f. Shoreline Access Component

The project sites all have existing shoreline access which is not impacted by the accessibility improvements proposed as part of this project. The proposed project will improve accessibility for users by providing ADA compliant walkways, picnic areas, public viewpoints, and toilet facilities.

g. Recreation/Visitor-Serving Facilities Component

Policy 11.20 (*Utilities*) encourages sites for recreation or visitor serving facilities to develop public restrooms, drinking water, and telephones. While the project does not include drinking water or telephones it does provide public restrooms consistent with this policy.

Policy 11.25 (*Requirement that State Parks Development Conform to the Local Coastal Program*) requires that the State Department of Parks and Recreation submit a long-range plan for any park unit proposed for improvements.

Department of Parks and Recreation has provided a copy of their general plan for the San Mateo coast area which covers nine State Park system units. The general plan was adopted in 1979 with one amendment subsequently adopted in 1984.

The DPR general plan, along with the submitted project plans, adhere to the requirements detailed in this policy as they provide a plan for the location of all proposed development, identify and protect sensitive habitats, avoid conversion of prime agricultural lands, and allow the majority of the parcel to remain undisturbed and open to the possibility of agricultural uses. Further, as discussed in the previously, the project was found to be in compliance with the other applicable policies of the County's Local Coastal Program.

3. Conformance with the Planned Agricultural District (PAD) Zoning Regulations

Staff has reviewed the project's compliance with the PAD Zoning Regulations as a component of the County's implementation of the Local Coastal Program and found it to be compliant. The relevant policies are discussed below:

a. Permitted Uses

Section 6353.A- Uses Permitted Subject to the Issuance of a Planned Agricultural Permit-On Prime Agricultural Lands. This policy outlines permitted uses on prime agricultural lands.

Burleigh H. Murray Ranch State Park, Bean Hollow, Pomponio, Pescadero-Central, and San Gregorio State Beaches are all located on lands identified as supporting prime soils and are zoned Planned Agricultural District. Public recreation/shoreline access trails are an allowable use with the issuance of a PAD permit.

Section 6353.B - Uses Permitted Subject to the Issuance of a Planned Agricultural Permit-On Lands Suitable for Agriculture and Other Lands. This policy outlines permitted uses on lands suitable for agriculture and other lands.

Cowell Ranch, Bean Hollow, Gazos Creek at Ano Nuevo, and Pescadero- North State Beaches do not support prime soils. The lands within these parks are all zoned PAD and have been identified as lands suitable for agriculture and other lands. However, there is no evidence that agriculture has been practiced on the parcels in recent history. Public Recreation/Shoreline Access Trails are listed as a permitted use subject to the issuance of a Planned Agriculture Permit.

The existing development on each of these sites provides at minimum parking and public access to State Beaches. The proposed improvements including replacement of toilets is consistent with this use:

b. Substantive Criteria for Issuance of a Planned Agricultural Permit

Section 6355 - *Substantive Criteria for Issuance of a Planned Agricultural Permit*. Each application for conversion of PAD zoned land must be found consistent with the following criteria:

(1) General Criteria

- (a) *The encroachment of all development upon land which is suitable for agricultural use shall be minimized.*

The project areas were all previously disturbed for construction of the existing parking lots, trails, picnic areas, and toilets. All of the subject sites have no history of recent agricultural uses being conducted and have a long history of supporting coastal/recreational access. However, outside of the project areas the parcels remain largely undisturbed. While these areas could be used for agricultural use, it would require the significant removal of vegetation. The introduction of an agricultural uses would also have the potential to impact sensitive habitat and cultural resources elsewhere on the sites.

- (b) *All development permitted on a site shall be clustered.*

All of the proposed development will either replace existing development in the same location or will be immediately adjacent to previously disturbed areas. All of the proposed improvements will be clustered with existing development.

(2) Water Supply Criteria

- (a) *The existing availability of an adequate and potable well water source shall be demonstrated for all non-agricultural uses and be located on that parcel.*

There are no established potable water sources on the project sites. The proposed vault toilet units do not flush and do not provide sinks for hand washing. No potable water is currently provided on the project sites and no new

sources will be provided as part of this project. Visitors will continue to bring their own drinking water.

(3) Criteria for the Conversion of Prime Agricultural Lands

All prime agricultural lands within a parcel shall not be converted to uses permitted by a Planned Agricultural Permit unless all of the following criteria are met:

- (a) *No alternative site exists on the parcel for the use.*

As noted previously the project sites are previously disturbed/developed localities. Limiting improvements to those areas previously disturbed or immediately adjacent allows the overall project sites to remain undisturbed and in their natural states. Relocating the project improvements to alternate sites would either impact currently undisturbed prime soils or has the potential to result in more significant site impacts (i.e., sensitive habitats, erosion, etc.).

- (b) *Clearly defined buffer areas are provided between agricultural and non-agricultural uses.*

The proposed project areas are improved with clear boundaries. There are no agricultural activities present on the project sites. Where agricultural activity exists on neighboring properties there are existing buffers between the sites.

- (c) *The productivity of an adjacent agricultural land will not be diminished.*

Project improvements are limited to the boundaries of each of the individual parcels with established buffers between park property and agricultural uses. The projects do not include elements which would impact existing agricultural uses.

- (d) *Public service and facility expansions and permitted uses will not impair agricultural viability, including by increased assessment costs or degraded air and water quality.*

All of the park sites are existing. Improvements to the sites are limited to the project boundaries and do not involve any off-site utility extensions. The proposed projects will not impair agricultural viability and will not

result in increased assessment cost or degraded air or water quality.

(4) Criteria for the Conversion of Lands Suitable for Agriculture and Other Lands

All lands suitable for agriculture and other lands within a parcel shall not be converted to uses permitted by a Planned Agricultural Permit unless all of the following criteria are met:

- (a) *All agriculturally unsuitable lands on the parcel have been developed or determined to be undevelopable.*

As stated above, the project sites were previously developed to provide public access to the noted State beaches. The project areas are limited to the existing parking lots and areas immediately adjacent. While there is no active agriculture on the project sites, the majority of the parcels have been left undisturbed. It is unlikely that the project sites would be utilized for agricultural uses due to the lack of a viable water supply, the topography, and the presence of sensitive habitats.

- (b) *Clearly defined buffer areas are developed between agricultural and nonagricultural uses.*

As stated previously, there is no active agriculture occurring on the project sites. Where there is agricultural activity on adjacent parcels there is clear definition between the uses.

- (c) *The productivity of any adjacent agricultural lands is not diminished, including the ability of the land to sustain dry farming or animal grazing.*

As stated previously, there is no active agriculture occurring on the project sites. However, agricultural activities are present in the overall project areas. Given that the improvements are limited to the project sites, there is no expectation that a loss in productivity on adjacent lands will occur.

- (d) *Public service and facility expansions and permitted uses do not impair agricultural viability, either through increased assessment costs or degraded air and water quality.*

The proposed project improvements do not involve any significant change in use of the properties. While amenity improvements will improve accessibility of the parks, they are consistent with the low-level intensity of development present on the sites.

B. ENVIRONMENTAL REVIEW

The California Department of Parks and Recreation, as lead agency, has determined this project is categorically exempt from the California Environmental Quality Act ("CEQA") under CEQA Guidelines Sections 15301 (Class 1), 15302 (Class 2), 15303 (Class 3) and 15304 (Class 4) and has prepared a Notice of Exemption. The exemption provides the following rationale:

Project consists of the operation, repair, maintenance or minor alteration of existing public or private structures or facilities involving negligible or no expansion of use beyond current levels; replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; construction and location of limited numbers of new, small facilities or structures included as "Construction of installation of park facilities, such as restrooms" in the Department of Parks and Recreation's list of exempt activities in accordance with CCR§15300.4; and minor public or private alterations in the condition of land and/or vegetation which do not involve the removal of mature, scenic trees.

The County, acting as a responsible agency, has reviewed and considered the State's Notice of Exemption and concurs with this determination.

C. REVIEWING AGENCIES

County Fire

ATTACHMENTS

- A. Recommended Findings and Conditions of Approval
- B. Vicinity Map
- C. Project Plans
- D. Biological Impact Report
- E. California Environmental Quality Act (CEQA) Categorical Exemption

County of San Mateo
Planning and Building Department

RECOMMENDED FINDINGS AND CONDITIONS OF APPROVAL

Permit or Project File Number: PLN2023-00271

Hearing Date: May 22, 2024

Prepared By: Angela Chavez,
Senior Planner

For Adoption By: Planning Commission

RECOMMENDED FINDINGS

Regarding the Environmental Review, Find:

1. That the Planning Commission, acting as a responsible agency, has reviewed and considered the Notice of Exemption, prepared by the State Department of Parks and Recreation, and has determined this project is categorically exempt from the California Environmental Quality Act (“CEQA”) under CEQA Guidelines Sections 15301 (Class 1, modifications to existing facilities), 15302 (Class 2, replacement or reconstruction of existing structures and facilities) 15303 (Class 3, new construction of small structures) and 15304 (Class 4, minor alterations to land).

Regarding the Coastal Development Permit, Find:

2. That the project, as described in the application and accompanying materials required by Section 6328.7 of the San Mateo County Zoning Regulations and as conditioned in accordance with Section 6328.14 of the San Mateo County Zoning Regulations, conforms to the plans, policies, requirements and standards of the San Mateo County Local Coastal Program as described in Section A.2 of this staff report.
3. That the project is located between the nearest public road and the sea and conforms to the Public Access and Public Recreation Policies of Chapter 3 of the Coastal Act of 1976 (commencing with Section 30200 of the Public Resources Code) in that the project will improve public access availability while protecting the existing recreational use of the oceanfront land.
4. That the project conforms to the specific findings required by policies of the San Mateo County Local Coastal Program relating to Agriculture, Sensitive Habitats, Visual Resources, Hazard, Shoreline Access, and Recreation/Visitor- Serving Facilities Components. The project minimizes ground disturbance, provides increased accessibility to park visitors, and does not impact sensitive habitats.

RECOMMENDED CONDITIONS OF APPROVAL

Current Planning Section

1. This approval applies only to the proposal as described in this report and materials submitted for review and approval by the Planning Commission on May 22, 2024. The Director of Planning and Building may approve minor revisions or modifications to the project if they are found to be consistent with the intent of and in substantial conformance with this approval.
2. This permit shall be valid for one (1) year from the date of approval in which time the project shall be completed. Any extension of the permits shall require submittal of an application for permit extension and payment of applicable extension fees sixty (60) days prior to the expiration date.
3. Prior to any construction or grading activities, the applicant shall implement an erosion and sediment control plan, as prepared and signed by the engineer of record. Revisions to the erosion control plan shall be prepared and signed by the engineer of record and implemented accordingly.
4. Upon the start of excavation activities and through to the completion of the project, the applicant shall be responsible for ensuring dust control measures are implemented as needed. The intent shall be to mitigate excessive dust generation resulting from any and all excavation and earth-moving operations.
5. In the event archaeological or cultural resources are encountered, an archaeological or historical monitor shall have the authority to temporarily halt any ground disturbing construction to identify and evaluate any archaeological, historical or cultural materials inadvertently exposed during construction. The exposure of significant resources may require the development and implementation of a treatment program, including scientific removal, analysis and reporting, subject to the review and approval of the Director of Planning and Building. The exposure of any Native American burials shall be handled in accordance with State law.

Avoidance and Minimization Measures

6. General Air Quality and Dust Prevention: Wind Erosion Control BMPs will be implemented to reduce and eliminate the potential for the project
7. Unstable Soil and Erosion Prevention: All stockpiled soil must be managed utilizing appropriate BMPs to ensure that sediment does not flow into waterways or drains, and that invasive species do not grow and spread via the stockpiled material. Stockpiles must be covered and surrounded by a perimeter control if they are inactive for 14 days or more. When the NOAA rain forecast reports greater than 50% chance of rain within 48 hours of Project Activities, stockpiles

will be covered. Stockpiles will be placed at least 50 feet from waters of the state (i.e., wetlands and non-wetland waters, including ditches) and must be checked and maintained regularly.

8. Prevention of Incidental Sedimentation and Discharge: Implementation conditions in DPR's Storm Water Soil Loss Prevention Plan will ensure the Project does not result in contamination of surface waters or temporarily increase in sediment transportation rates due to the release of sediments, vehicle or equipment fluids, and construction materials. All equipment will be maintained in accordance with the manufacturer's specifications to prevent leaks of hazardous materials (i.e., fuels, solvents, oil, hydraulic fluids).
9. Water Quality Objective Compliance: The project will comply with all applicable Water Quality Objectives as specified in the San Francisco Bay and Central Coast Regional Water Quality Control Board's Basin Plans. All heavy equipment parking, refueling, and servicing will be conducted within designated, graded or paved areas. These actions will prevent the project from affecting drainage patterns, sediment transportation, and water quality.
10. Fencing Around Waters of the State: Prior to construction, waters of the state (i.e., wetlands and non-wetland waters, including ditches) within 30 feet of the Project Area (e.g., at Pomponio, San Gregorio, Bean Hollow, Ano Nuevo Gazos) will be fenced off by DPR staff.
11. Sudden Oak Death (SOD): All on site construction personnel will use the following Best Management Practices (BMPs) to limit transmission of SOD outside of the work area.
 - a. Unauthorized movement of plant material is prohibited.
 - b. Utilize paved and graveled roads to the fullest extent possible.
 - c. Before entering the Project Area, all equipment will be clean.
 - d. Before leaving the Project Area, remove or wash-off accumulations of plant debris, soil, and mud from shoes, boots, vehicles, and heavy equipment, etc. Clean with denatured alcohol or similar materials.
12. Non-native Plant Species: All construction equipment used on this project shall be clean and free of soil and plant material before arrival at the project site and before leaving the park in order to prevent invasive plant seed dispersal.
13. Preconstruction Special-Status Plant Surveys: Within a year of construction, a DPR Environmental Scientist will conduct special-status plant survey(s) of the Project Area and proximity coinciding with the identifiable period of the special status plants reported on an updated CNDDDB and CNPS inventory search. All

special-status plant occurrences within and adjacent to the Project Areas will be recorded on project maps and fenced off for exclusion.

14. Special-Status Plant Impact Avoidance and Minimization: Where possible, special status plant occurrences will be avoided and protected from construction activities. Locations where special status plants cannot be avoided will be subject to the following conditions as approved by DPR's District Environmental Scientist:

Perennial Species

- a. Prior to construction, plants will be carefully excavated and transplanted to nearby suitable habitat. All transplant work will be conducted under the direction of District Resource Staff, a DPR Environmental Scientist, or a DPR-approved biologist.
- b. Transplanting should occur during the dormant growing season (i.e., late fall) when the plants are least disturbed and can receive winter precipitation.

Annual Species

- c. Seeds from annual special status plant species will be collected during the appropriate season and properly stored prior to ground disturbing activities. Seeds will be sown during the appropriate season in suitable locations identified by the District Resource Staff, a DPR Environmental Scientist or a DPR approved biologist.

Nesting Raptors and Migratory Birds Preconstruction Surveys and Project Avoidance:

- d. To the extent possible, Project Activities should occur during the non-breeding season, September 1 – February 28. If initiation of activities which could potentially cause take of nesting migratory birds or raptors (as determined by a DPR-approved biologist) are necessary during the breeding season of March 1 to August 31, then surveys by a DPR-approved biologist will be required. Surveys will be conducted within 7 days prior to the start of construction under the following conditions.

Raptors

- e. Surveys for active raptor nests will be conducted within a 500-foot radius of the Project Areas. If nesting raptors are found, no construction will occur within a 500- foot radius of the nest tree between March 1 and August 31, or until the young have fledged and the young would no longer be impacted by project activities (as determined by a DPR-approved biologist).

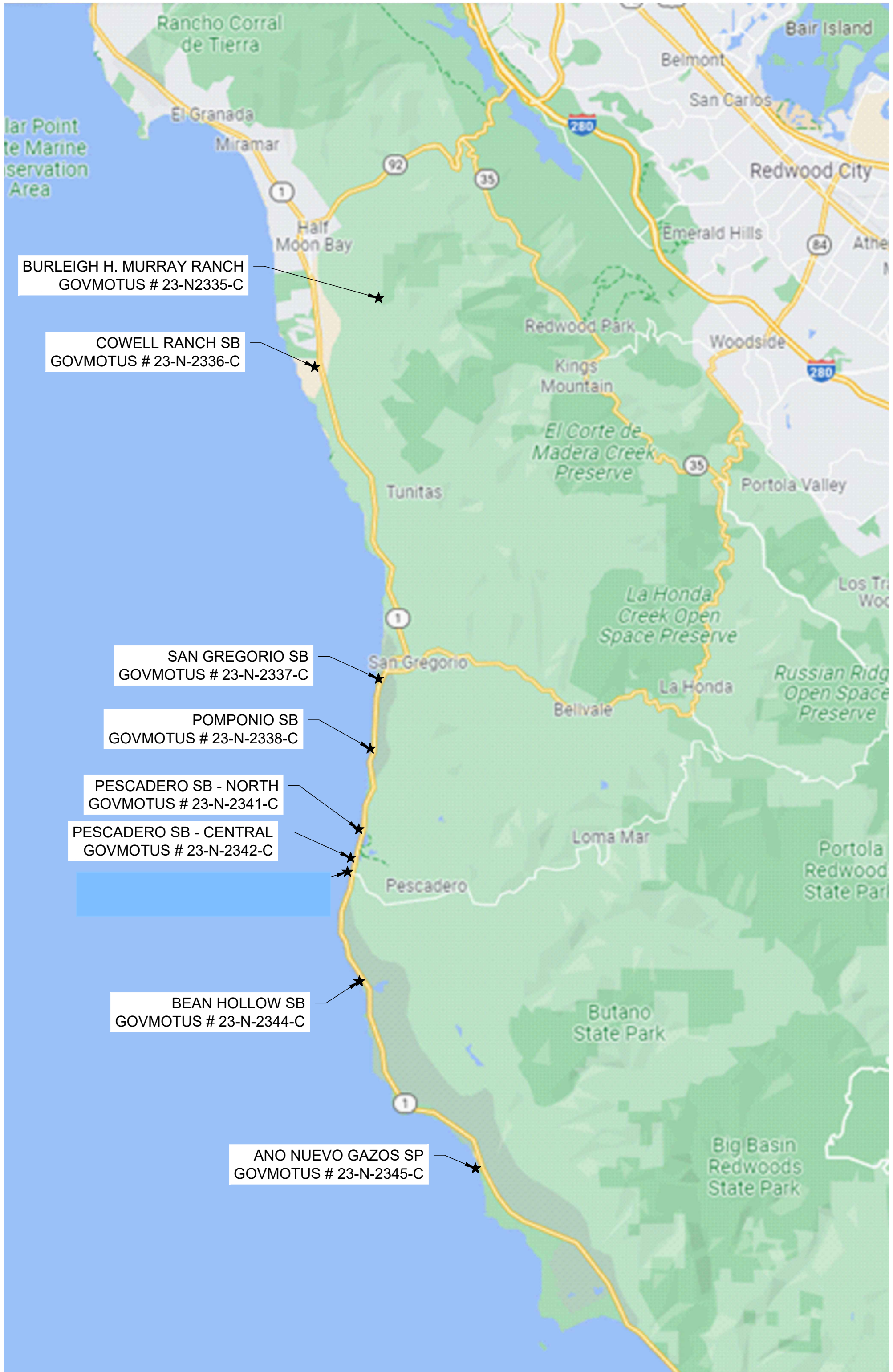
Migratory birds

- f. Surveys for active migratory bird nests will be conducted within a 150-foot radius of the Project Areas. If active nests are located, no construction will occur within a 150-foot radius of the nest tree between March 1 and August 31, or until the young have fledged and the young will no longer be impacted by project activities (as determined by a DPR-approved biologist). Daily Wildlife Preconstruction Surveys: Each day prior to the start of construction, a DPR-biologist or equivalent will conduct a preconstruction clearance survey of the Project Area and its vicinity to prevent impacts to potential wildlife that took refuge in the Project Area. If common wildlife animals are observed in the project area, the DPR biologist or equivalent will transport the creature outside of the Project Area. If a special status wildlife species is observed in the Project Area, the animal will be allowed to leave the site on its own volition and Project Activities will not commence until the animal has left the site. The DPR-biologist or equivalent will call the local contact for CDFW or USFWS depending on the species' respective listing status.
15. Installation of Escape Ramps in Open Trenches: To prevent wildlife entrapment during construction, all excavated trenches and holes should have a soil ramp installed to allow wildlife the opportunity to exit. If a soil ramp installation is not feasible, the excavation shall be covered with plywood or similar material while unattended. Prior to Project Activities each day, the excavations shall be inspected by the DPR-biologist or equivalent.



COUNTY OF SAN MATEO - PLANNING AND BUILDING DEPARTMENT

ATTACHMENT B



BURLEIGH H. MURRAY RANCH
GOVMOTUS # 23-N2335-C

COWELL RANCH SB
GOVMOTUS # 23-N-2336-C

SAN GREGORIO SB
GOVMOTUS # 23-N-2337-C

POMPONIO SB
GOVMOTUS # 23-N-2338-C

PESCADERO SB - NORTH
GOVMOTUS # 23-N-2341-C

PESCADERO SB - CENTRAL
GOVMOTUS # 23-N-2342-C

BEAN HOLLOW SB
GOVMOTUS # 23-N-2344-C

ANO NUEVO GAZOS SP
GOVMOTUS # 23-N-2345-C



COUNTY OF SAN MATEO - PLANNING AND BUILDING DEPARTMENT

ATTACHMENT C

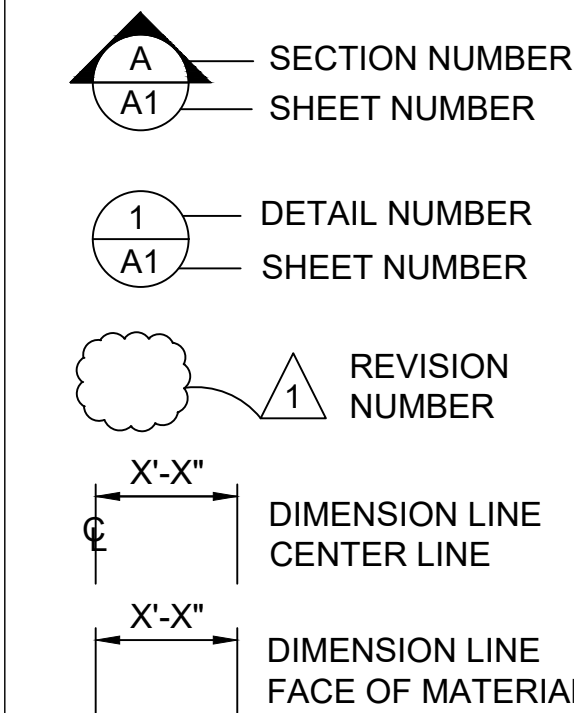
CALIFORNIA DEPARTMENT OF PARKS AND RECREATION FACILITIES AND DEVELOPMENT DIVISION BEAN HOLLOW STATE BEACH VAULT RESTROOM REPLACEMENT CSFM # 23-N-2344-C-NW



DEMOLISH EXISTING NON COMPLIANT RESTROOMS AND REPLACE WITH PRECAST CONCRETE VAULT RESTROOM. UPGRADE EXISTING PARKING TO MEET CURRENT ADA REQUIREMENTS. BARRIER REMOVAL AT PATH OF TRAVEL FROM PARKING TO RESTROOM AND ANY DAY-USE SITE AMENITIES ON THE PATH OF TRAVEL.

SCOPE OF WORK

- ALL MATERIALS SHOWN OR NOTED ON THE PLANS ARE NEW UNLESS CALLED OUT OTHERWISE.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS SHOWN OR DIMENSIONED HERE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STATE REPRESENTATIVE FOR RESOLUTION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE FOLLOWING LISTED CODES, AND ALL OTHERS HAVING JURISDICTION OVER THE WORK.
 - 2022 CA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
 - 2022 CA BUILDING CODE (CBC), VOLUMES 1 AND 2, PART 2, TITLE 24, C.C.R. (2018 INTERNATIONAL BUILDING CODE AND 2019 CA AMENDMENTS)
 - 2022 CA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2020 CA AMENDMENTS)
 - 2022 CA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2021 CA AMENDMENTS)
 - 2022 CA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R. (2021 UNIFORM PLUMBING CODE W/ 2021 CA AMENDMENTS)
 - 2022 CA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R. (2008 CA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)
 - 2022 CA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R. (2021 INTERNATIONAL FIRE CODE AND 2021 CA AMENDMENTS)
 - 2022 CA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.
 - 2022 CA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
 - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.
 - 2022 TITLE 19 C.C.R., PUBLIC SAFETY, DIVISION 1 STATE FIRE MARSHAL REGULATIONS.



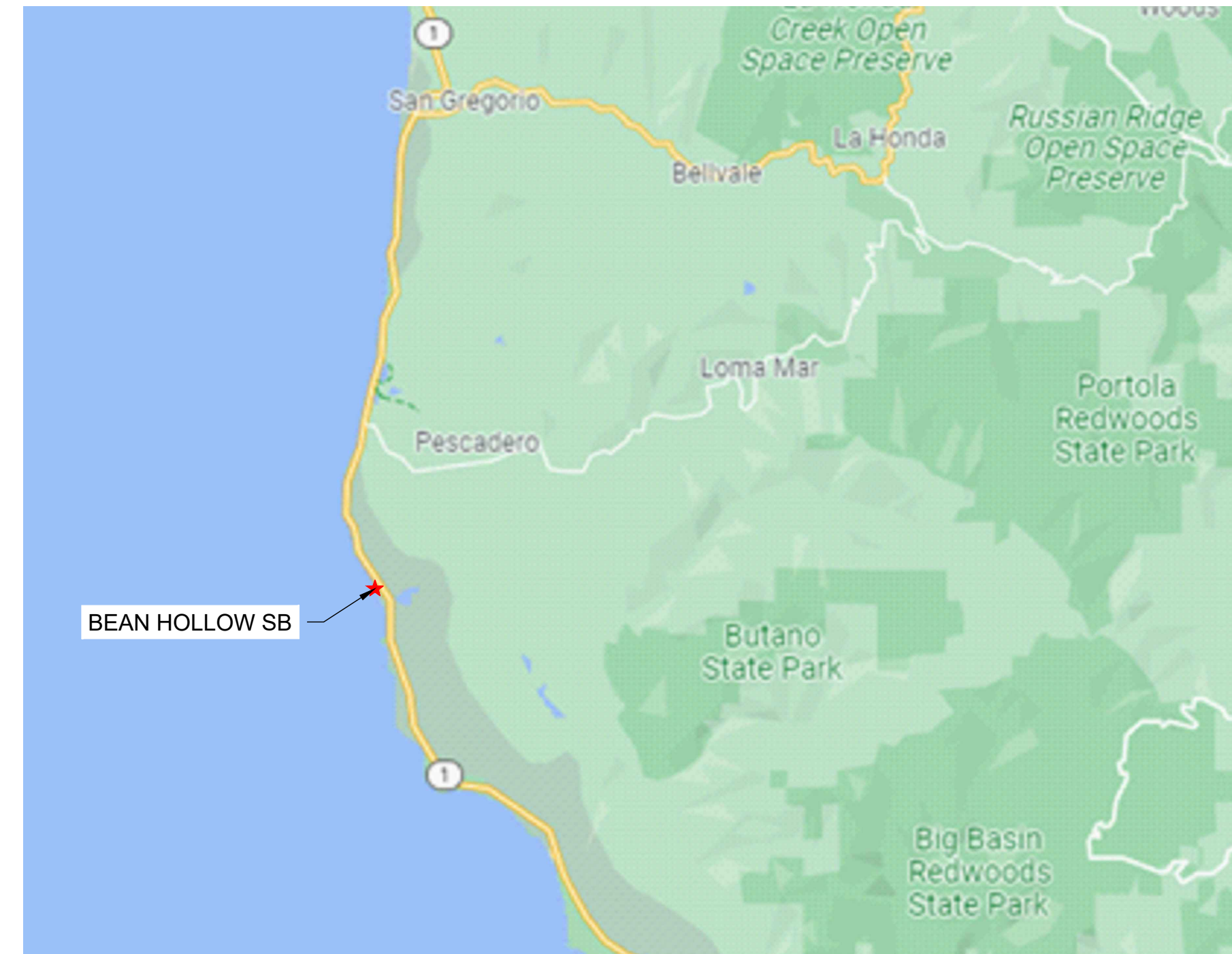
SYMBOLS LEGEND

GENERAL NOTES

- COMPLIANCE WITH ACCESSIBLE REGULATIONS FOR SLOPES AS STATED ON THE PLANS WILL BE VERIFIED BY THE STATE'S REPRESENTATIVE UTILIZING A 24 INCH DIGITAL LEVEL. THE 24 INCH DIGITAL LEVEL WILL BE SUPPLIED BY THE STATE AND WILL BE CALIBRATED BY THE STATE'S REPRESENTATIVE PRIOR TO THE TAKING OF ANY MEASUREMENTS. MEASUREMENTS WILL BE TAKEN IN ANY DIRECTION WITH THE 24" DIGITAL LEVEL AND MEASUREMENTS WILL VERIFY COMPLIANCE WITH SLOPES SPECIFIED ON THE PLANS. WORK THAT DOES NOT MEET THE REQUIREMENTS SHALL BE CONSIDERED NON-COMPLIANT AND WILL NOT BE ACCEPTED BY THE STATE. ANY AREA WHICH IS NON-COMPLIANT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

DEFERRED SUBMITTALS

LOCAL FIRE AUTHORITY APPROVAL



SHEET INDEX		
PAGE	NO.	TITLE SHEET
001	G-1	COVER SHEET
002	G-2	GENERAL NOTES & ABBREVIATIONS
003	G-3	OVERALL SITE PLAN
020	C-17	EXISTING CONDITION & DEMO PLAN
021	C-18	SITE PLAN
022	C-19	PAVING, HORIZONTAL CONTROL & GRADING PLAN
029	C-26	GRADING & PAVING SECTIONS 5
031	C-28	ACCESSIBLE PARKING & CONCRETE JOINT DETAILS
032	C-29	SITE PAVING DETAILS
033	C-30	PICNIC SITE DETAILS
034	C-31	SITE DETAILS
037	C-34	PRECAST DOUBLE VAULT RESTROOM BUILDING
038	C-35	RESTROOM DETAILS

SHEET INDEX

1	OCCUPANCY CLASSIFICATION	B
2	BUILDING CONSTRUCTION TYPE	I-B
3	NUMBER OF STORIES	1
4	ACTUAL BUILDING HEIGHT	12'-0"
5	BUILDING AREA IN SQUARE FEET	171 SF
6	AREA OF PROJECT IN SQUARE FEET	4,000 SF
7	SEPARATED OR NON-SEPARATED USE	NON-SEPARATED
8	ALLOWABLE AREA PER CBC	UL
9	AREA INCREASE	NO
10	HEIGHT INCREASE	NO
11	FIRE SPRINKLERS TYPE: (WET, DRY, PRE-ACTION OR DELUGE)	NO
12	FIRE ALARM TYPE: (MANUAL, AUTOMATIC, ETC)	NO
13	OTHER FIRE PROTECTION SYSTEMS, IF ANY	NO
14	SMOKE CONTROL SYSTEM	NO
15	OCCUPANT LOAD FOR ENTIRE BUILDING AND EACH FLOOR	2
16	YEAR BUILDING WAS CONSTRUCTED	NEW
17	IN A HIGH FIRE HAZARD SEVERITY ZONE?	NO

NOTE: ALL ROOMS ARE SINGLE OCCUPANCY, BASED ON OCCUPANT LOAD OF 1 OCCUPANT PER 150 SQUARE FEET, AND EXIT DIRECTLY TO THE EXTERIOR.

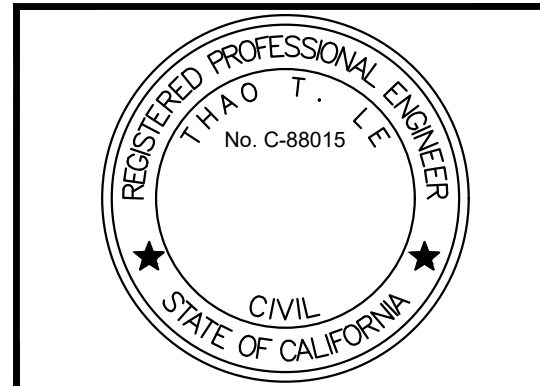
BUILDING CODE REVIEW

STATE OF CALIFORNIA
DEPARTMENT OF PARKS AND RECREATION
FACILITIES AND DEVELOPMENT DIVISION
NORTHERN SERVICE CENTER
2241 HARVARD STREET, SUITE 200
SACRAMENTO, CA 95815

PREPARED BY

SANTA CRUZ DISTRICTWIDE
12047 CABRILLO HIGHWAY, PESCADERO, CA 94060
PARK SECTOR OFFICE: 95 KELLY AVENUE, HALF MOON BAY, CA 94019
SAN MATEO COUNTY

SITE ADDRESS



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by: _____ Date: _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

BEAN HOLLOW STATE BEACH
VAULT RESTROOM REPLACEMENT
COVER SHEET

206279.001

SHEET NO.

G-1

001 OF 038

CONCRETE

- STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH AS REQUIRED IN NOTE 24. MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.
- CONCRETE MIX DESIGNS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER, REVIEWED BY CONTRACTOR'S TESTING LABORATORY AND SUBMITTED TO THE STATE REPRESENTATIVE FOR REVIEW.
- CEMENTITIOUS MATERIALS:
CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II.
FLY ASH SHALL CONFORM TO ASTM C-618. MAXIMUM QUANTIFY OF FLY ASH SHALL BE AS GIVEN IN SPECS (15% MAXIMUM UNO).
- CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE AND ASTM C-330 FOR LIGHTWEIGHT CONCRETE.
- NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREMIXED NONMETALLIC FORMULA.
- REINFORCING BARS SHALL CONFORM TO ASTM D7957 / D7957M-17 FOR #3 AND LARGER. CONTRACTOR SHALL SUBMIT REBAR MANUFACTURER CERTIFICATES.
- REINFORCING BARS SHALL BE INSTALLED ACCORDING TO ACI 440.1-15 "GUIDE FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL CONCRETE REINFORCED WITH FIBER-REINFORCED POLYMER BARS AND ACI 440.5-08 "SPECIFICATION FOR CONSTRUCTION WITH FIBER-REINFORCED POLYMER REINFORCING BAR."
- DIMENSION SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS LISTED AND DENOTE CLEAR COVERAGE. NON-PRESTRESSED, CAST-IN-PLACE CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO:
CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) _____ 3"
CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS:
#5 AND SMALLER _____ 1-1/2"
#6 AND LARGER _____ 2"
SLABS (ON FORMS) _____ 3/4"
SLABS (ON GROUND) _____ 2" CLEAR FROM TOP UNO
- SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED UNO, SEE SCHEDULE THIS SHEET. SPLICES IN ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLICE CONTINUOUS BARS IN SOIL-BEARING GRADE BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIONS AS FOLLOWS UNO: TOP BARS AT CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLICE CONTINUOUS BARS IN ELEVATED SLABS AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE OF SUPPORT. SPLICES IN WWF SHALL BE 1-1/2" MESHES WIDE.
- THE MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN THE LARGER OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM AGGREGATE SIZE (NOMINAL), WHICHEVER IS GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR SPACING BETWEEN DIFFERENT LAYERS OF PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A CONTACT LAP SPLICE AND ADJACENT SPLICES OR BARS.
- ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED. AT WALLS, PROVIDE HOOKS AT ENDS OF ALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS, UNO.
- CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SAND BLASTING, OR RAKING THE SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
- REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE.
- ANCHOR BOLTS (AB'S) CAST IN CONCRETE OR MASONRY FOR WALL SILL AND LEDGER / APPLICATIONS SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM A307, UNO. REFER TO "WOOD" NOTES FOR ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH PRESSURE TREATED OR FIRE RETARDANT MATERIAL. REFER TO 'STRUCTURAL STEEL' NOTE FOR REQUIREMENTS FOR ANCHOR RODS (AR'S) CAST IN CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED APPLICATIONS.
- DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMN FROM FOUNDATION WITH SAME SIZE BAR.
- CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING BARS (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES HOPPER AND CHUTES OR TRUNKS OF VARIABLE LENGTHS SHALL BE USED SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 6 FEET.
- DRILL THROUGH STEEL COLUMNS, BEAMS AND PLATES TO PASS CONTINUOUS REINFORCING.
- NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
- PROVIDE #5 x 4'-0" DIAGONAL REINFORCING AT TOP AND BOTTOM OF SLAB AT ALL RE-ENTRANT CORNERS TYPICAL. THIS APPLIES TO SLAB ON GRADE, CONCRETE OVER METAL DECK, AND ELEVATED STRUCTURAL SLAB CONDITIONS.
- ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR DAMAGE.
- BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED.
- NOTIFY STATE REPRESENTATIVE A MINIMUM OF 48 HOURS BEFORE PLACING ANY CONCRETE.
- CONCRETE STRENGTHS & MIX PROPERTIES:

ITEM	F'C @ 28 DAYS	MAX. AGGR. SIZE	WEIGHT	MAX W/CM*
A. FOUNDATIONS	3500 PSI	1-1/2"	NW	0.45
B. SLAB ON GRADE	4000 PSI	1"	NW	0.45
C. SITE AND MISCELLANEOUS	3500 PSI	1"	NW	0.45

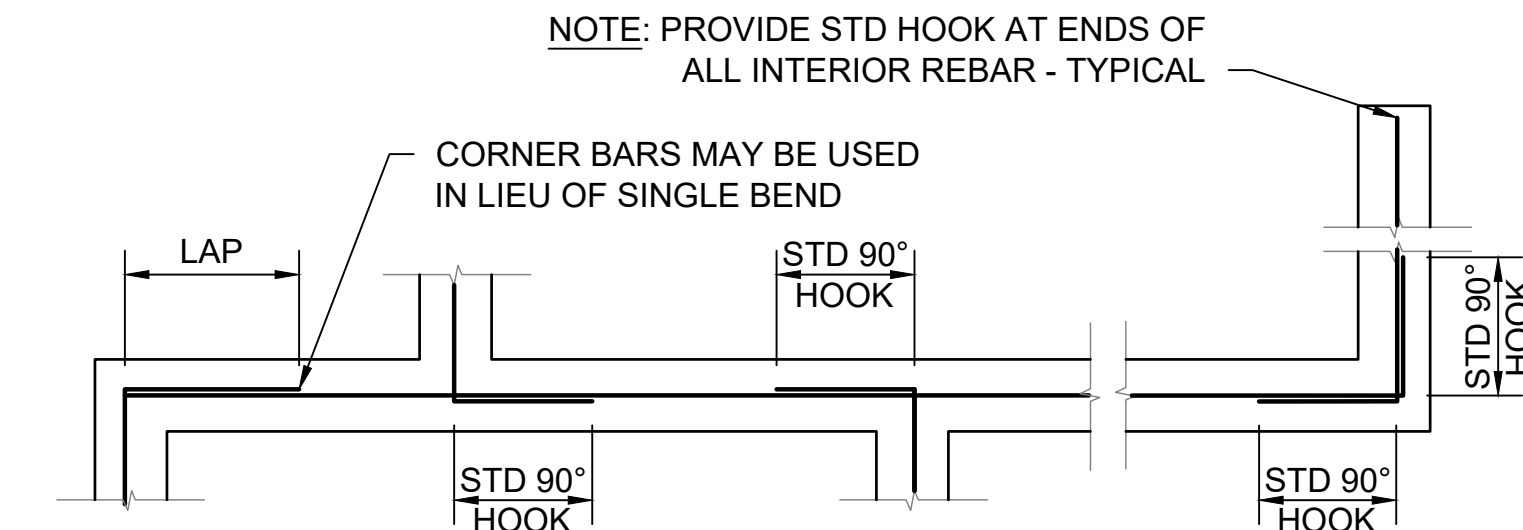
* W/CM = WATER : CEMENTITIOUS MATERIAL RATIO

REINFORCEMENT LAP SPLICE SCHEDULE:

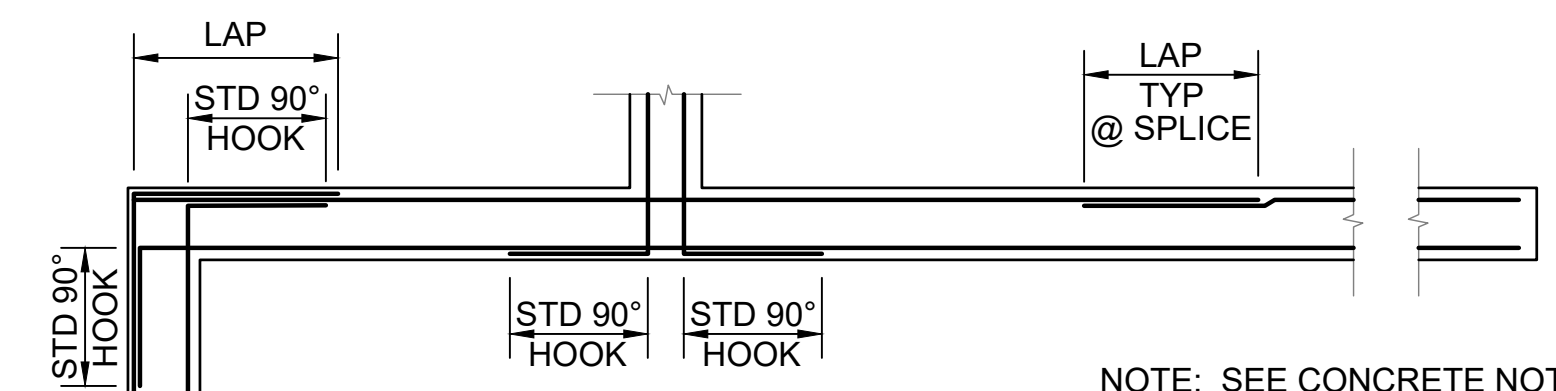
F'c = 3500 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	18	35	43	52	75	86	97	109	121
	OTHER	14	27	33	40	58	66	75	84	93
F'c = 4000 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	17	32	40	48	70	80	91	102	113
	OTHER	13	25	31	37	54	62	70	79	87

(ALL LENGTHS SHOWN ARE IN INCHES) ACI 318 2009 IBC 2016 CBC

- SCHEDULE APPLIES TO NORMAL WEIGHT CONCRETE WITH UNCOATED, GRADE 60 REINFORCING BARS FOR #4 BARS AND LARGER (VALUES FOR #3 BARS BASED ON GRADE 40).
- TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT LOCATED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.
- WHEN LIGHTWEIGHT CONCRETE IS USED, MULTIPLY LAP LENGTHS BY 1.30.
- WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR DIA. OR WHERE CLEAR COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIA., MULTIPLY LAP LENGTHS BY 1.50, UNO.
- WHERE NOTES #3 AND #4 OCCUR, MULTIPLY LAP LENGTHS BY 2.00, UNO.
- WHERE CLASS A LAP SPLICE IS NOTED IN DETAIL, DIVIDE LENGTH ABOVE BY 1.30.



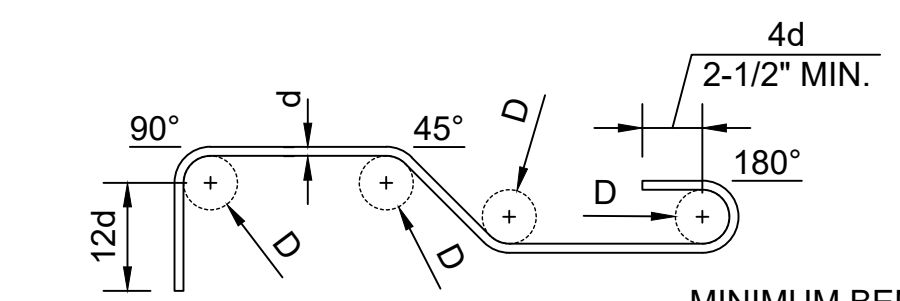
SINGLE LAYER BARS



DOUBLE LAYER BARS

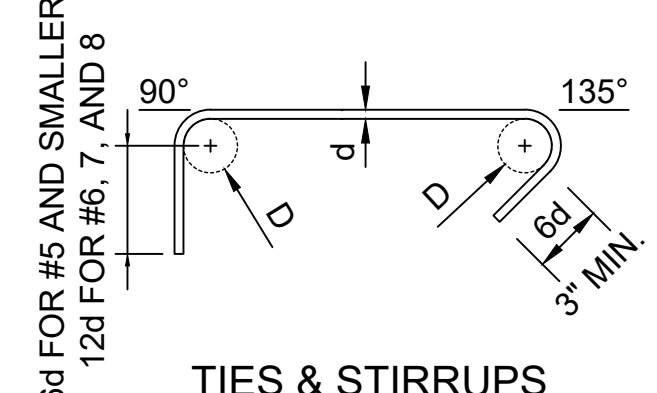
1 CORNER REINFORCING AT CONCRETE FOOTINGS

SCALE@22X34 3/8" = 1'-0"



END HOOKS & BENDS

MINIMUM BEND DIAMETER:
D = 6d FOR #3 THRU #8
D = 8d FOR #9 THRU #11
D = 10d FOR #14 THRU #18



TIES & STIRRUPS

NOTE:
ALL HOOKS SHALL BE 90° OR 180° STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED.
MINIMUM BEND DIAMETER:
D = 4d FOR #3 THRU #5
D = 6d FOR #6 THRU #8

2 STANDARD REBAR HOOKS & BENDS

SCALE@22X34 1 1/2" = 1'-0"

ABBREVIATIONS

'	FEET	Ø, D OR DIA	DIAMETER	H	HEIGHT	RC	RELATIVE COMPACTION
" OR IN	INCHES	D	DEPTH	HDG	HOT DIP GALVANIZE	RSP	ROCK SLOPE PROTECTION
&	AND	DBH	DIAMETER AT BREAST HEIGHT	HMA	HOT MIX ASPHALT	S	SOUTH
#	NUMBER OR POUNDS	DI	DRAINAGE INLET, DROP INLET	HOR	HORIZONTAL	S=	SLOPE
(E)	EXISTING	DIAG	DIAGONAL	HW	HEAD WALL	SCD	SEAT COVER DISPENSER
(N)	NEW	DIM	DIMENSION	ID	INSIDE DIAMETER	SCH	SCHEDULE
@	AT	DG	DECOMPOSED GRANITE	IE	INVERT ELEVATION	SCO	SANITARY CLEAN OUT
AB	AGGREGATE BASE	DTL	DETAIL	L	LENGTH	SD	SOAP DISPENSOR
AC	ASPHALTIC CONCRETE	DWG	DRAWING	LAV	LAVATORY	SF	SQUARE FEET
ADA	AMERICAN DISABILITIES ACT	E	EAST	LF	LINEAR FEET	SND	SANITARY NAPKIN DISPOSAL
ADJ	ADJUSTABLE	EA	EACH	LS	LANDSCAPE	SPEC'S	SPECIFICATIONS
AFF	ABOVE FINISH FLOOR	EF	EACH FACE	LVR	LOUVER	SQ	SQUARE
APPROX	APPROXIMATE	EG	EXISTING GRADE ELEVATION	MAX	MAXIMUM	SS	STAINLESS STEEL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	ELV	ELEVATION	MFR	MANUFACTURER	STA	STATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	EOG	EDGE OF GUTTER	MIN	MINIMUM	STD	STANDARD
AWS	AMERICAN WELDING SOCIETY	EP	EDGE OF PAVEMENT	MISC	MISCELLANEOUS	TC	TOP OF CURB ELEVATION
BC	BOTTOM OF CURB ELEVATION	EQ	EQUAL	N	NORTH	TD	TRENCH DRAIN
BLDG	BUILDING	(E)P	EXISTING PAVEMENT ELEVATION	N/A	NOT APPLICABLE	TPD	TOILET PAPER DISPENSER
B.O.	BOTTOM OF	(E)S	EXISTING STAIR ELEVATION	NPT	NATIONAL PIPE TAPER	T.O.	TOP OF
BW	BOTTOM OF WALL ELEVATION	(E)TC	EXISTING TOP OF CURB ELEVATION	NTS	NOT TO SCALE	TW	TOP OF WALL ELEVATION
CL	CENTERLINE	EV	ELECTRONIC VEHICLE	NW	NORMAL WEIGHT	TYP	TYPICAL
C	CONCRETE ELEVATION	EW	EACH WAY	OC	ON CENTER	UL	UNLIMITED
CBC	CALIFORNIA BUILDING CODE	EXP	EXPANSION	OD	OUTSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE
CIP	CAST-IN-PLACE	FF	FINISH FLOOR ELEVATION	P	PAVEMENT ELEVATION	UTIL	UTILITY
CLR	CLEAR	FG	FINISH GRADE	PCC	PORTLAND CEMENT CONCRETE	VIF	VERIFY IN FIELD
CO	CLEAN OUT	FL	FLOW LINE	PT	POINT	W	WATER, WEST, WIDTH
CONC	CONCRETE	FOF	FACE OF FINISH	PTD	PAPER TOWER DISPENSER	WWF	WELDED WIRE FABRIC
CONT	CONTINUOUS	GALV	GALVANIZED	PVC	POLYVINYL CHLORIDE	W/	WITH
CP	CONTROL POINT	GB	GRADE BREAK	R	RADIUS		



FACILITIES AND DEVELOPMENT DIVISION



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ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
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DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

BEAN HOLLOW STATE BEACH
VAULT RESTROOM REPLACEMENT
GENERAL NOTES &
ABBREVIATIONS

206279.002

SHEET NO.
G-2
002 OF 038

File: Q:\santa_cruz_districtwide\206279-sam_mateo_coast_r_replacement\05_drawings\Civil\G-2 GENERAL NOTES & ABBREVIATIONS.dwg Layout: G-2 Gen Notes & Abb. Beam Hollow Date: October 30 2023 - 12:43 pm User: tte



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
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MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
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NORTHERN SERVICE CENTER

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DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

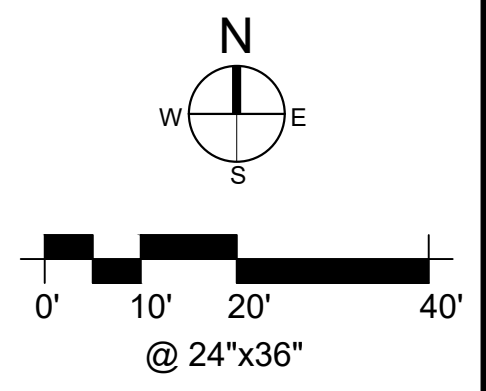
△	REVISIONS	DATE

BEAN HOLLOW STATE BEACH
VAULT RESTROOM REPLACEMENT
OVER ALL SITE PLAN

206279.003

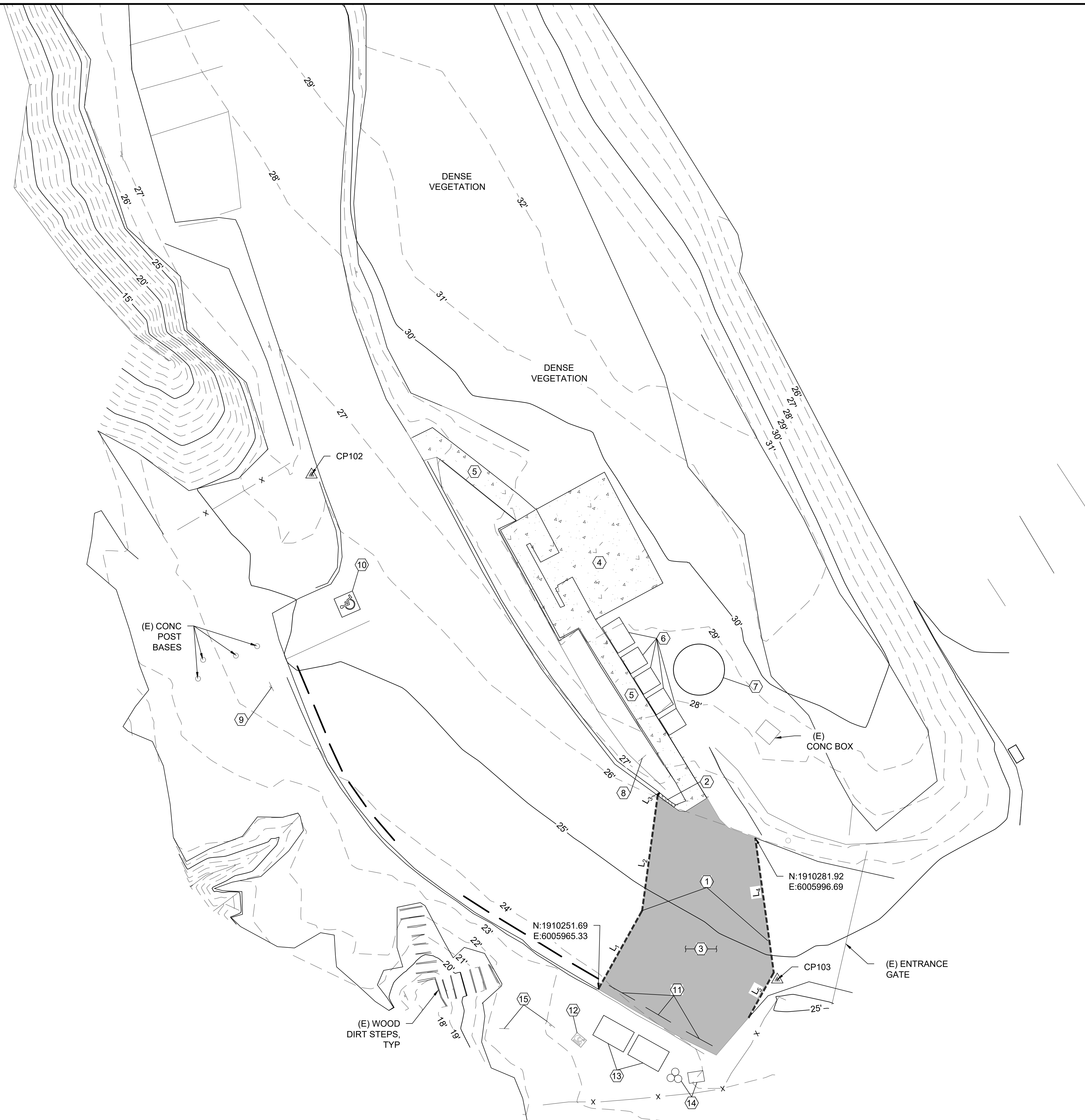
SHEET NO.

G-3
003 OF 038



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File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-17 EXISTING & DEMO PLAN - BEAN HOLLOW SB.dwg Layout: C-17 Existing Condition & Demo Plan - Bean Hollow SB Date: October 30 2023 - 1:22 pm User: ile



DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT ASPHALT & CONCRETE CURB, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) CONCRETE CURB
- ③ REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ④ REMOVE & DISPOSE OF OFFSITE (E) RESTROOM STRUCTURE. REMOVE, SALVAGE (E) INTERPRETIVE PANEL ON THE STRUCTURE'S WALL.
- ⑤ REMOVE & DISPOSE (E) CONCRETE SITE WALK AND HANDRAIL
- ⑥ REMOVE & SALVAGE (E) CHEM TOILET
- ⑦ REMOVE & DISPOSE (E) WATER WOOD TANK
- ⑧ REMOVE, SALVAGE AND REINSTALL (E) "BEACH HOUR" SIGNAGE PER NOTE 17 ON C-18
- ⑨ REMOVE & DISPOSE (E) ACCESSIBLE VAN PARKING SIGNAGE
- ⑩ OBLITERATE PAVEMENT MARKINGS
- ⑪ REMOVE, SALVAGE AND REINSTALL (E) WHEEL STOP PER NOTE 16 ON C-18, LIMIT PER PLAN
- ⑫ REMOVE & DISPOSE (E) BBQ
- ⑬ SALVAGE PICNIC TABLE AND RELOCATE PER STATE REPRESENTATIVE
- ⑭ SALVAGE (E) TRASH, RECYCLE CANS AND RELOCATE PER STATE REPRESENTATIVE
- ⑮ (E) SIGN AND POST TO REMAIN (PROTECT IN PLACE)

LEGEND

- ASPHALT DEMOLITION
- CONCRETE DEMOLITION
- CONCRETE CURB DEMOLITION
- (E) STRIPING
- (E) SLIP RAIL FENCE
- SAWCUT
- (E) SIGN & POST
- SURVEY CONTROL POINT

SURVEY CONTROL POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1910481.49'	6005918.79'	32.03'	SET 60D
CP101	1910469.60'	6005894.86'	30.09'	SET MAG NAIL
CP102	1910354.45'	6005908.05'	26.28'	SET SPIKE SHINER
CP103	1910253.58'	6006001.09'	24.82'	SET MAG NAIL SHINER

SAWCUT LINE TABLE

LINE	LENGTH	BEARING
L ₁	17.97'	N29°09'52"E
L ₂	23.22'	N07°40'38"E
L ₃	0.66'	N36°01'53"E
L ₄	27.16'	S07°49'13"E
L ₅	10.32'	S29°09'07"W

GENERAL NOTES:

- 1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT

1-800-642-244
CALL BEFORE YOU DIG

0' 5' 10' 20'
@ 24"x36"



DPR ACCESS COMPLIANCE REVIEW
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DATE: _____ OCTOBER 2023

REVISIONS	DATE

BEAN HOLLOW STATE BEACH
 VAULT RESTROOM REPLACEMENT
EXISTING CONDITION & DEMO PLAN

206279.020

SHEET NO.
C-17
020 OF 038



FACILITIES AND DEVELOPMENT DIVISION



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DATE: OCTOBER 2023

Table with 2 columns: REVISIONS, DATE

BEAN HOLLOW STATE BEACH VAULT RESTROOM REPLACEMENT

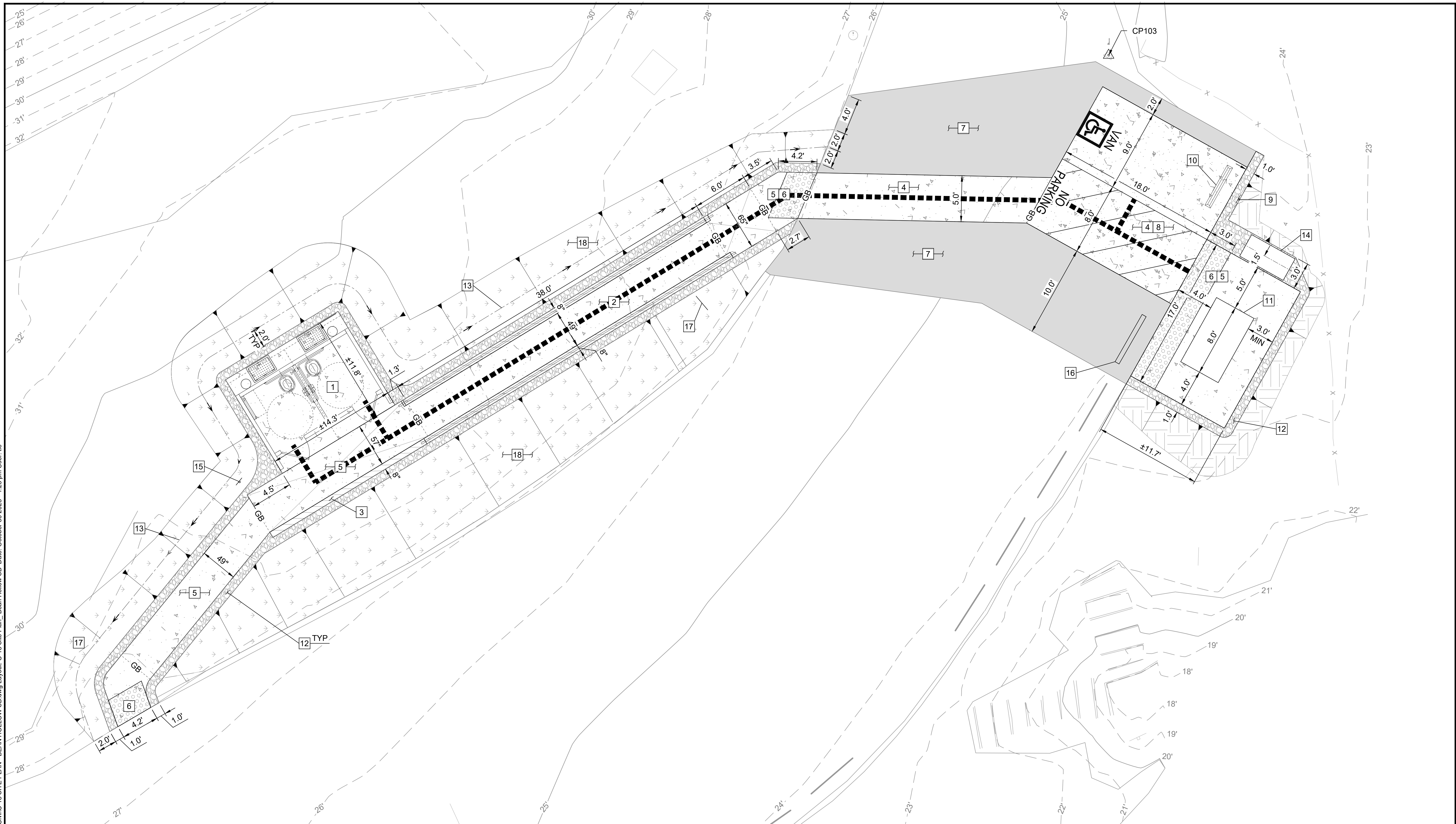
SITE PLAN

206279.021

SHEET NO.

C-18

021 OF 038



CONSTRUCTION NOTES

- 1 INSTALL A DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON SHEET C-34, REFER TO DTL 35 ON C-26
2 CONSTRUCT 5" PCC ON 6" CLASS 2 AB ACCESSIBLE CONC RAMP WITH STAINLESS STEEL RAILING PER DTL 1 ON C-31, REFER TO DTL 34, 36 ON C-26
3 CONSTRUCT CONC CURB TYPE 2 PER DTL 12 ON C-29, REFER TO DTL 34, 35 ON C-26
4 CONSTRUCT 6" PCC ON 12" CLASS 2 AB CONC PARKING SLAB AND CROSS WALK PER DTL 1 ON C-29, REFER TO DTL 34, 37 ON C-26, 1.5% MAX SLOPE ANY DIRECTION
5 CONSTRUCT 5" PCC ON 6" CLASS 2 AB CONC SIDEWALK & PICNIC SITE PER DTL 2 ON C-29, REFER TO DTL 34, 35, 36, 38 ON SHEET C-26; LANDING 1.5% MAX SLOPE ANY DIRECTION
6 INSTALL YELLOW TRUNCATED DOME PER DTL 10 ON C-28 & REFER TO DTL 34 ON C-26
7 INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN, PER TO DTL 5 ON C-29, REFER TO DTL 37 ON C-26
8 INSTALL VAN ACCESSIBLE PARKING STALL PER DTL 1 ON C-28
9 INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-28
10 INSTALL WHEEL STOP PER DTL 9 ON C-28
11 INSTALL (N) ACCESSIBLE PICNIC TABLE DTL 2 ON C-30
12 INSTALL 6" OF AGGREGATE BASE PER DTL 13 ON C-29, REFER TO DTL 34 - 36, 38 ON C-26
13 CONSTRUCT SWALE PER DTL 4 ON C-31, REFER TO DTL 35, 36 ON C-26
14 INSTALL (N) REDWOOD DISPLAY CASE - SINGLE PANEL 65"Lx32"Wx121.5"H PER DTL 8 ON C-30
15 INSTALL SITE DIRECTIONAL SIGNAGE PER DTL 12 ON C-28
16 REINSTALL (E) WHEEL STOP
17 REINSTALL (E) "BEACH HOUR" SIGNAGE
18 INSTALL JUTE MAT WITH HYDRO-SEED PER SPECIFICATION 312500

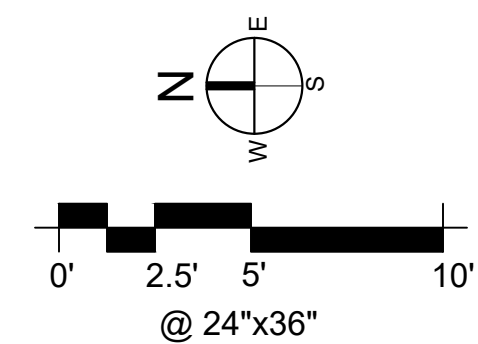
LEGEND

- (N) ASPHALT
(N) CONCRETE
(N) TRUNCATED DOME
(N) CONC CURB
CUT/FILL SOIL
DISTURBED AREA TO BE HYDRO-SEED
SURVEY CONTROL POINT
ACCESSIBLE PATH OF TRAVEL

GENERAL NOTES:

- 1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT





FACILITIES AND DEVELOPMENT DIVISION



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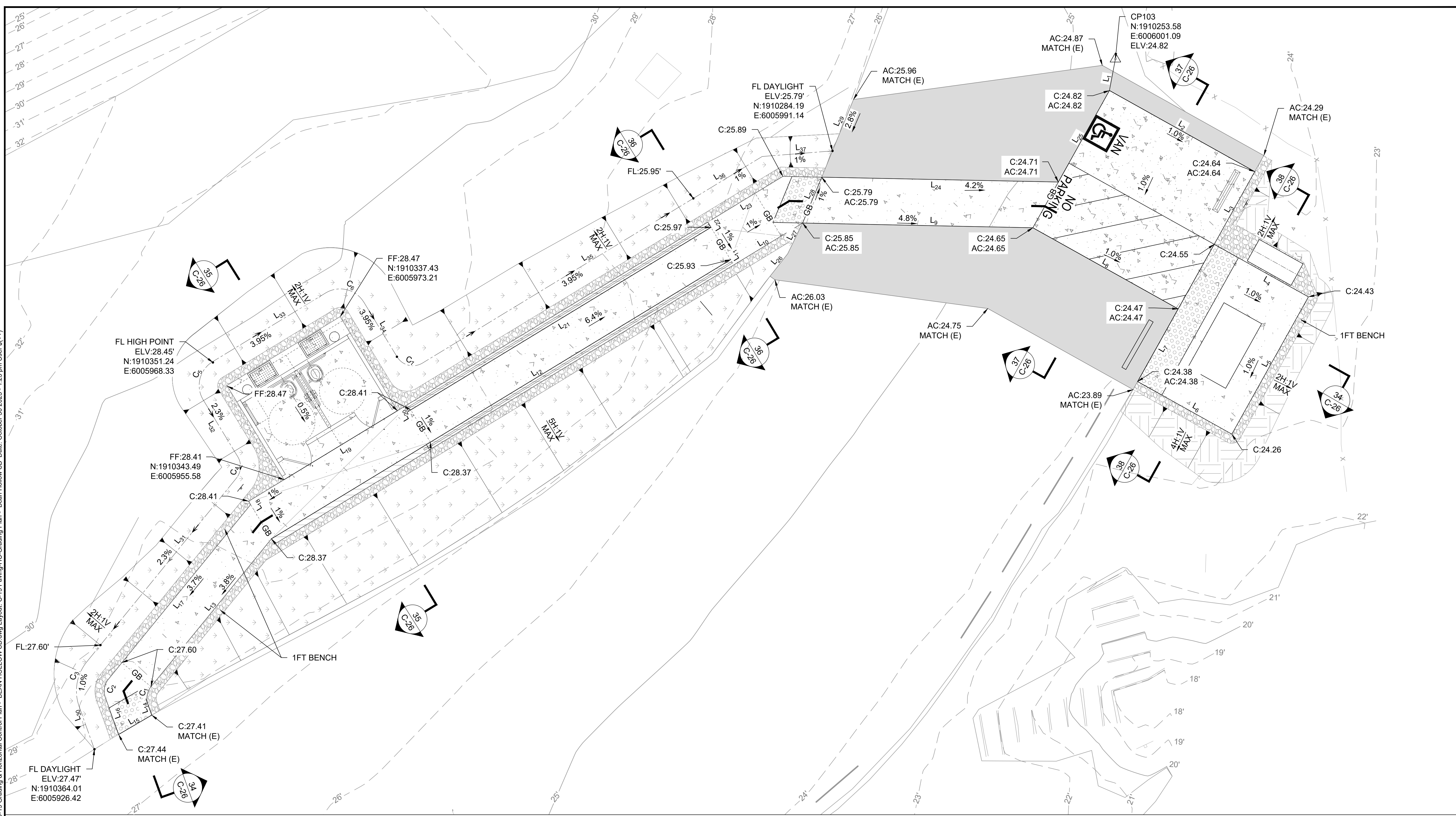
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REVISIONS	DATE

BEAN HOLLOW STATE BEACH
VAULT RESTROOM REPLACEMENT
PAVING, HORIZONTAL CONTROL & GRADING PLAN

206279.022

SHEET NO.
C-19
022 OF 038



LINE	LENGTH	BEARING	LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L1	3.48'	N79°17'40"W	L14	1.21'	S70°20'48"W	L27	3.70'	S64°01'57"E
L2	18.00'	S29°09'59"W	L15	4.16'	N30°20'09"W	L28	5.37'	S67°25'03"E
L3	9.00'	N60°50'01"W	L16	4.28'	N70°20'48"E	L29	9.07'	S67°46'28"E
L4	11.67'	S29°09'59"W	L17	24.37'	S50°50'29"E	L30	4.91'	N70°20'48"E
L5	17.00'	N60°50'01"W	L18	0.42'	N58°41'55"E	L31	25.62'	S50°50'29"E
L6	11.67'	N29°09'59"E	L19	19.62'	S31°18'05"E	L32	7.21'	N58°41'55"E
L7	9.00'	S60°50'01"E	L20	0.67'	S58°41'55"W	L33	14.33'	S31°18'05"E
L8	18.00'	N29°09'59"E	L21	39.00'	S31°18'05"E	L34	6.92'	S58°41'55"W
L9	24.90'	N01°10'39"E	L22	0.67'	N58°41'55"E	L35	34.28'	S31°18'05"E
L10	8.22'	N31°18'05"W	L23	9.01'	S31°18'05"E	L36	8.71'	S31°18'05"E
L11	0.67'	N58°41'55"E	L24	29.80'	S01°10'39"W	L37	7.63'	S04°33'49"E
L12	58.62'	N31°18'05"W	L25	11.34'	S60°50'01"E			
L13	20.62'	N50°50'29"W	L26	3.09'	S51°49'52"E			

CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C1	58°48'47"	2.00'	2.05'	1.13'	1.96'
C2	58°56'05"	2.00'	2.06'	1.13'	1.97'
C3	58°51'48"	5.00'	5.14'	2.82'	4.91'
C4	70°27'53"	2.00'	2.46'	1.41'	2.31'
C5	90°00'00"	3.00'	4.71'	3.00'	4.24'
C6	90°00'00"	3.00'	4.71'	3.00'	4.24'
C7	90°00'00"	2.00'	3.14'	2.00'	2.83'

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) TRUNCATED DOME
- (N) CONC CURB
- CUT/FILL SOIL
- DISTURBED AREA TO BE HYDRO-SEED
- SURVEY CONTROL POINT
- ACCESSIBLE PATH OF TRAVEL

GENERAL NOTES:

- PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT

1-800-642-244
CALL BEFORE YOU DIG

0' 2.5' 5' 10'
@ 24"x36"

File: Q:\santa_cruz_district\206279-sam_mateo_coast_rr_replace\05_drawings\Civil\C-19 Grading & Horizontal Control Plan - Bean Hollow SB.dwg Layout: C-19 Paving-HC-Grading Plan - Bean Hollow SB Date: October 30 2023 - 1:25 pm User: S++



FACILITIES AND DEVELOPMENT DIVISION



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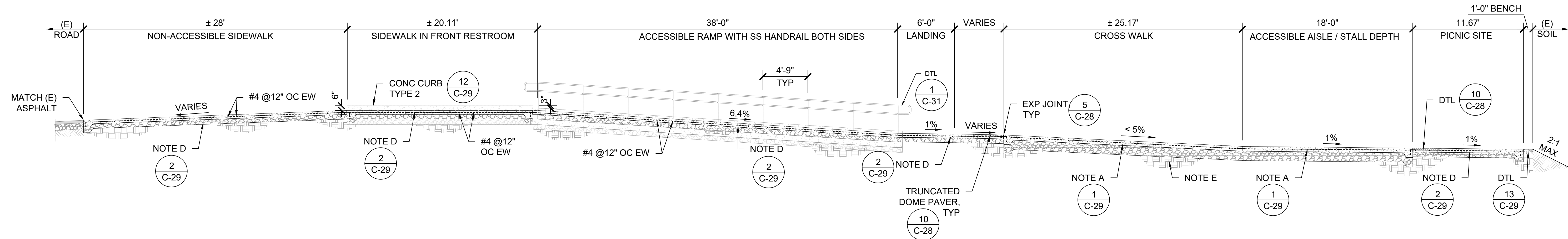
REVISIONS	DATE

BEAN HOLLOW STATE BEACH
VAULT RESTROOM REPLACEMENT

GRADING & PAVING SECTIONS 5

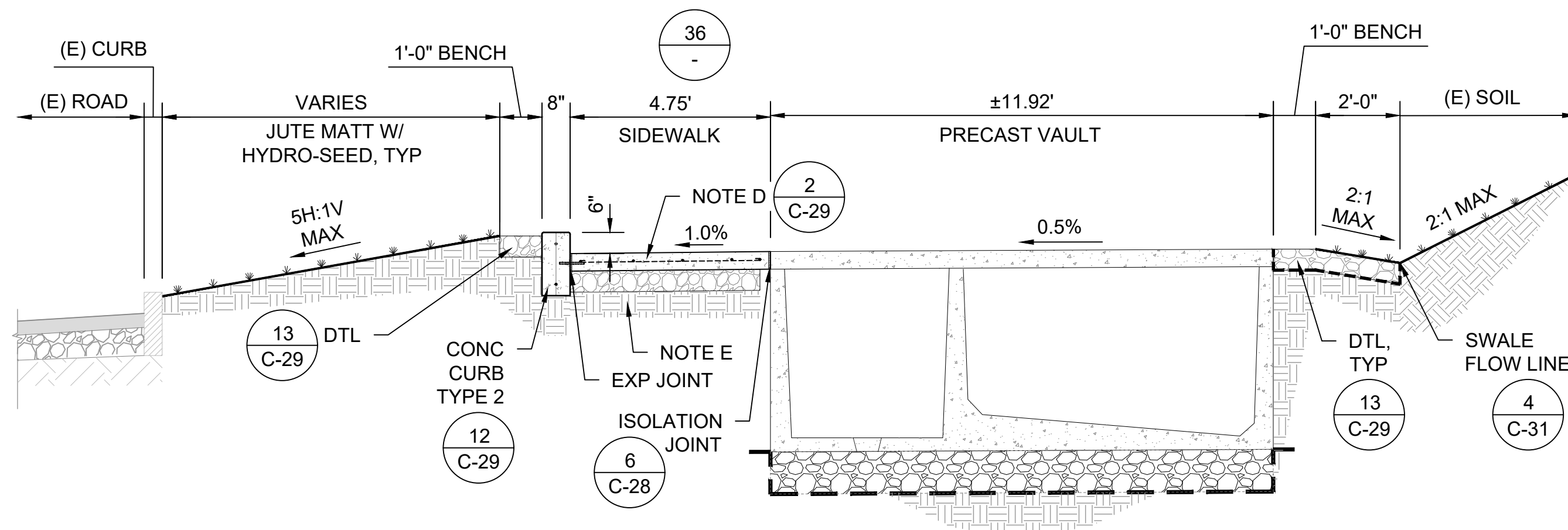
206279.029

SHEET NO.
C-26
029 OF 038



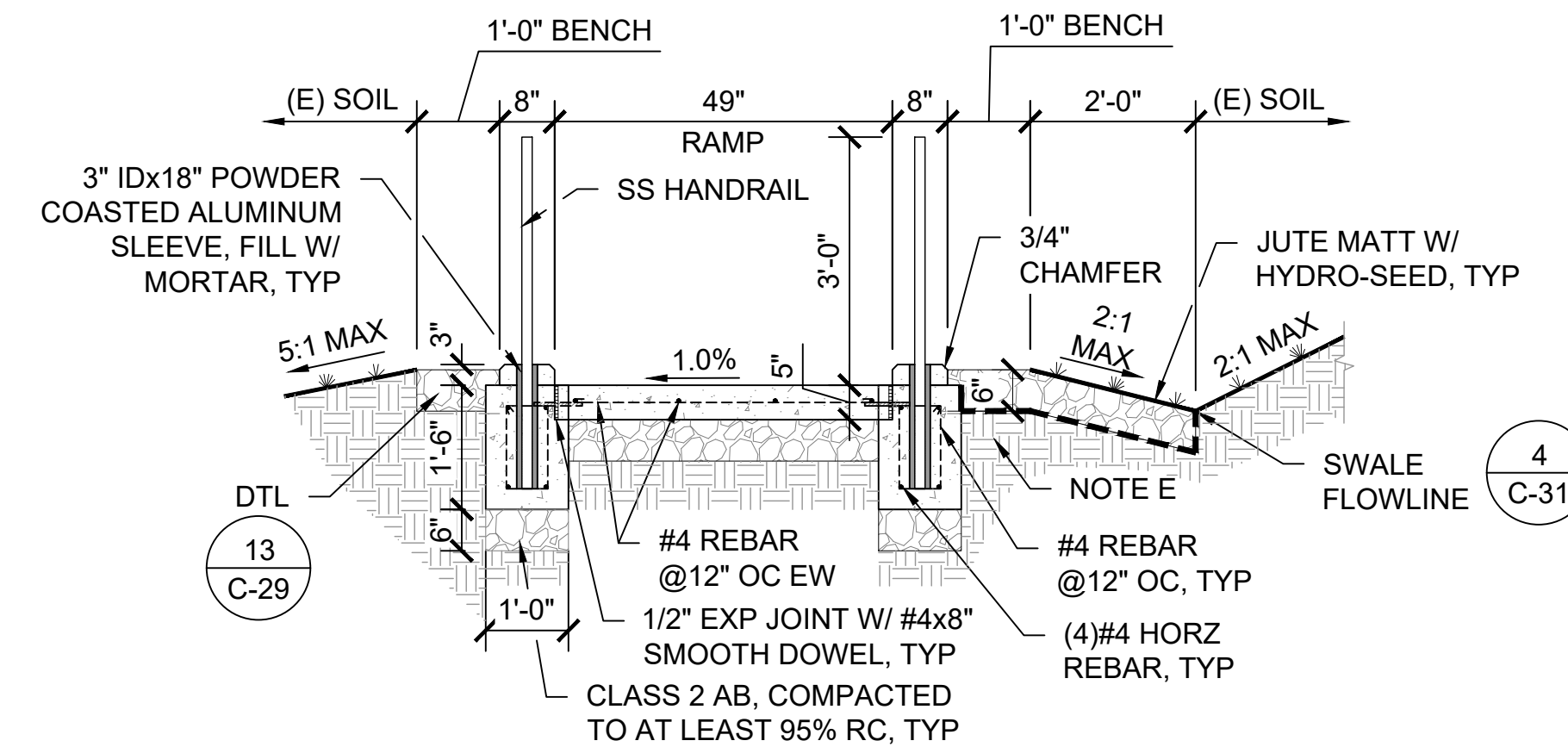
34 GRADING & PAVING SECTION - BEAN HOLLOW SB

SCALE@22X34 3/16" = 1'-0"



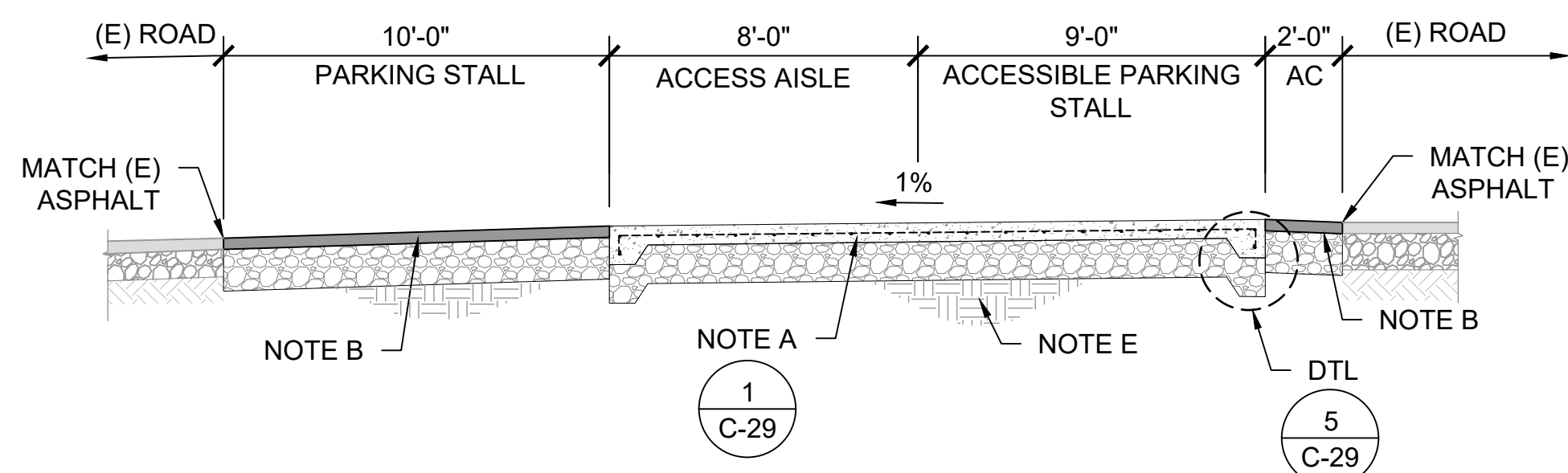
35 GRADING & PAVING SECTION - BEAN HOLLOW SB

SCALE@22X34 3/8" = 1'-0"



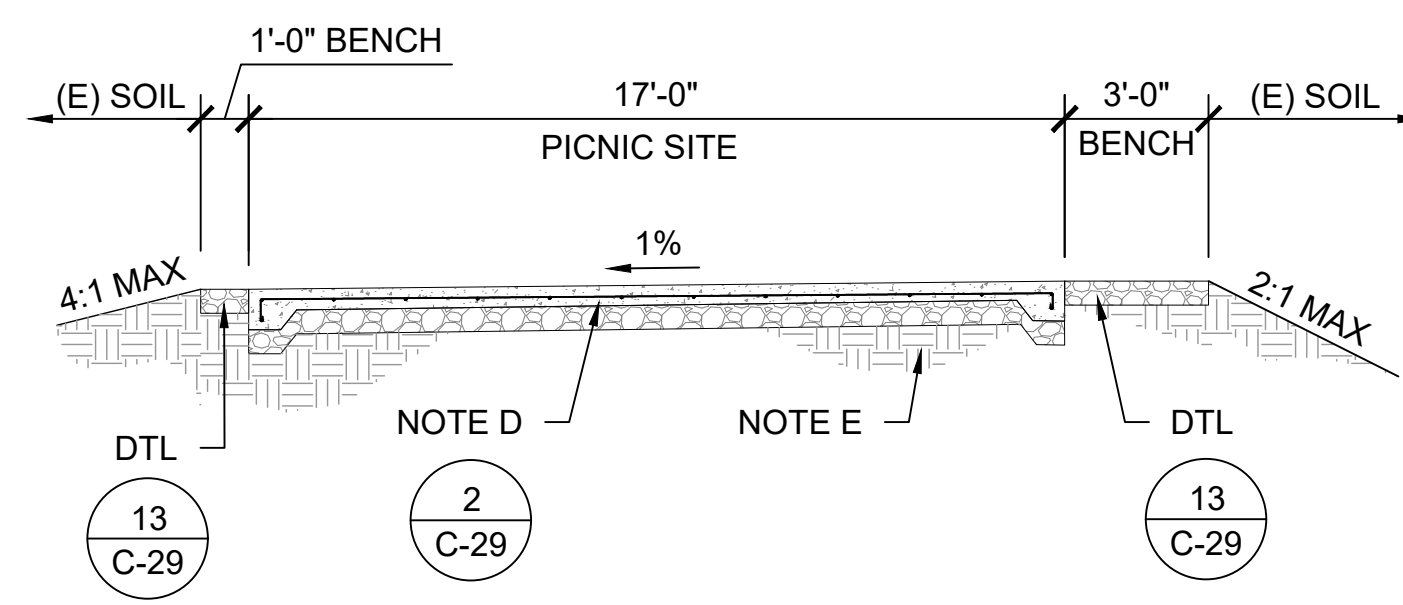
36 GRADING & PAVING SECTION - BEAN HOLLOW SB

SCALE@22X34 1/2" = 1'-0"



37 GRADING & PAVING SECTION - BEAN HOLLOW SB

SCALE@22X34 1/4" = 1'-0"



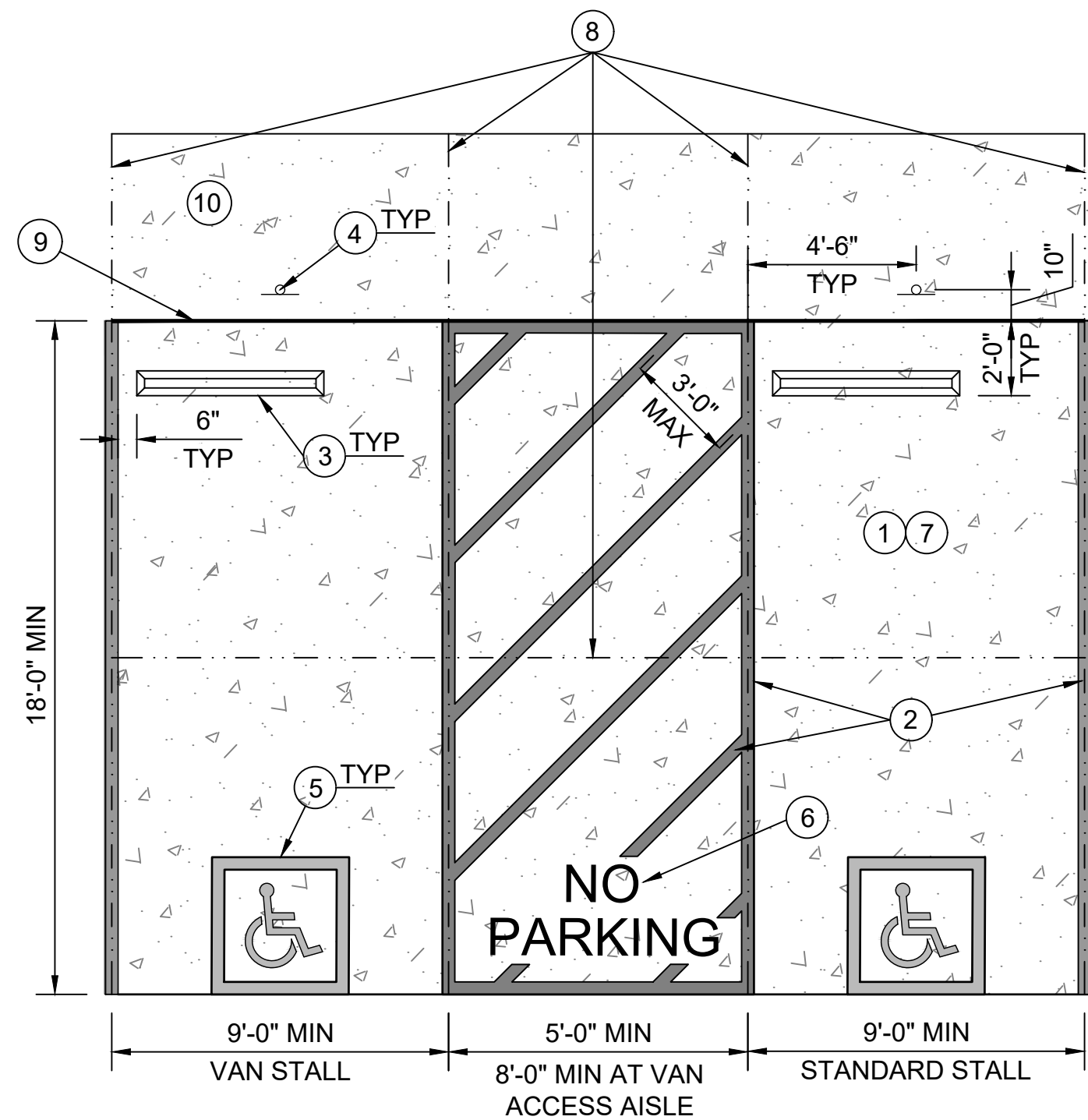
38 GRADING & PAVING SECTION - BEAN HOLLOW SB

SCALE@22X34 1/4" = 1'-0"

NOTES:

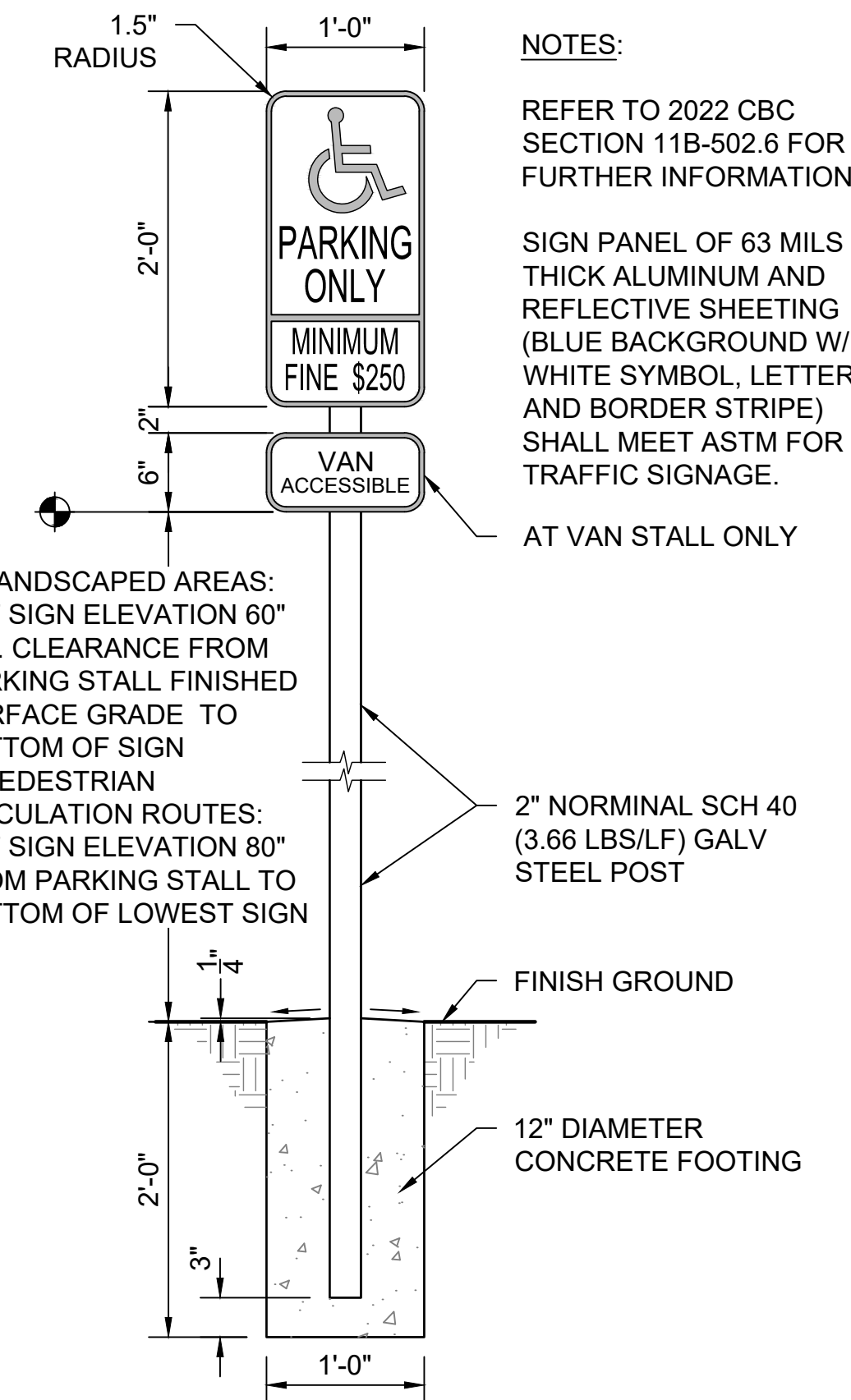
- 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- 5" PCC ON CLASS 2 AB, PER GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-29. REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-29.
- 6" AGGREGATE PAVING ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
- GRADING PER PLAN SHEET C-2 THROUGH C-21
- SOIL CONDITIONS VARY AT EACH SITE LOCATION. SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
 - PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
 - CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
 - SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
- GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022 AND REVISED JANUARY 5, 2023

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_tr_replacement\05_drawings\Civil\C-28 ACCESSIBLE PARKING & CONCRETE JOINT DETAILS.dwg Layout: C-28 ADA Parking & Conc Joint Dets_Beam Hollow Date: October 30 2023 - 12:29 pm User: tte

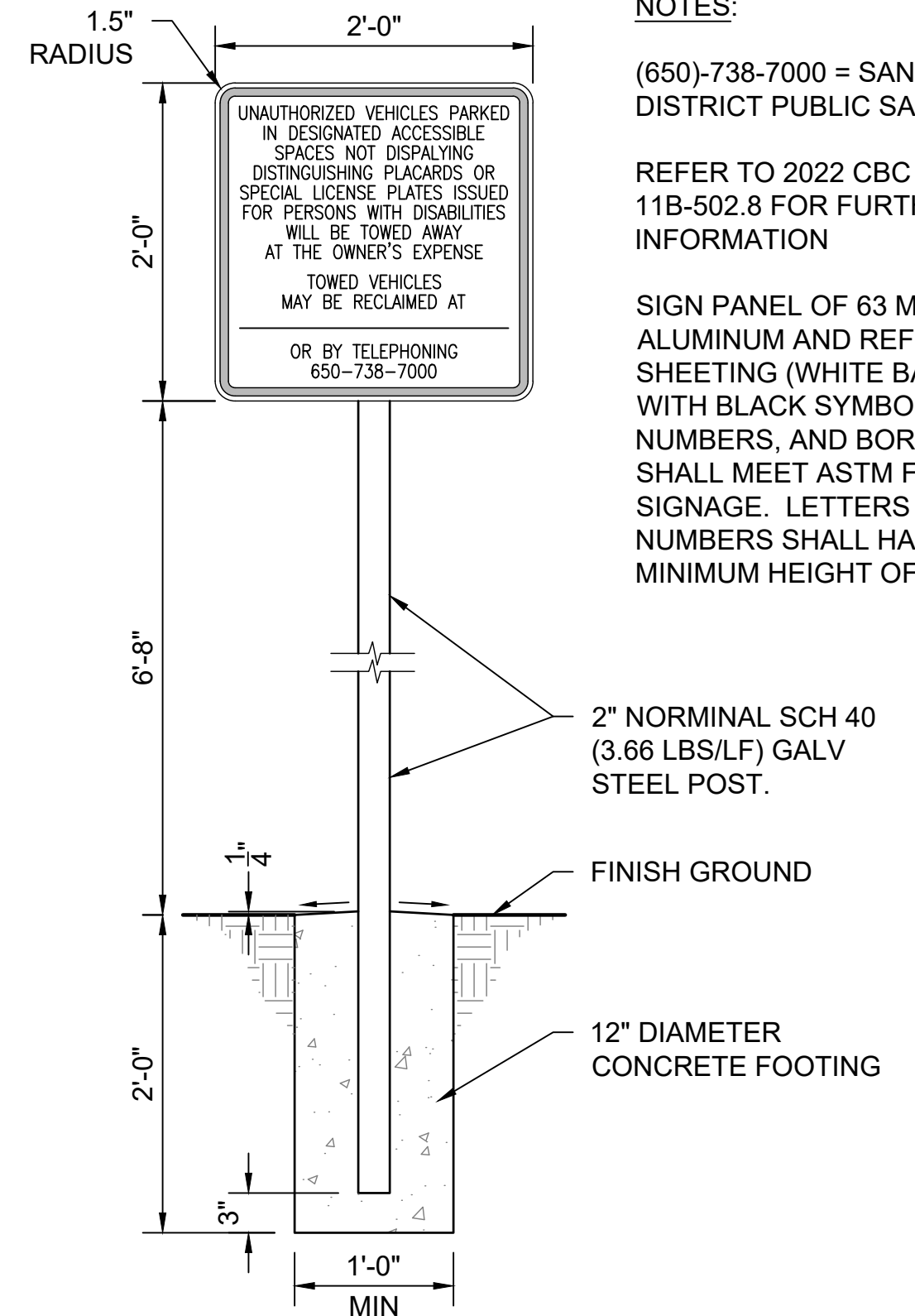


- NOTES:**
- PARKING PAD TO BE CIP CONC PER DETAIL 1 ON SHEET C-29
 - 4" WIDE PAINTED BLUE LINES, TYP 45 DEGREE LINES SHALL BE 36" MAX OC
 - INSTALL CONC WHEEL STOPS PER DETAIL 9 ON THIS SHEET
 - INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 2 ON THIS SHEET
 - INSTALL ACCESSIBLE SYMBOL PER DETAIL 4 ON THIS SHEET
 - "NO PARKING" TEXT SHALL BE PAINTED ON THE GROUND IN WHITE PAINT NO LESS THAN 12 INCHES PER CBC SECTION 11B.502.3.3 "MARKING"
 - ACCESSIBLE PARKING STALLS TO HAVE A MAX 1.8% SLOPE IN ANY DIRECTION, REFER TO 2022 CBC SECTION 11B-502 FOR FURTHER INFORMATION.
 - CONTRACTION JOINTS PLACED IN SAME LOCATION AS PARKING STALL JOINTS, AND PLACED AT MIDWAY OF STALL, PER DETAIL 7 ON THIS SHEET
 - EXPANSION JOINT PER DETAIL 5 ON THIS SHEET
 - SIDE WALK TO BE CIP CONC PER DETAIL 2 ON SHEET C-29

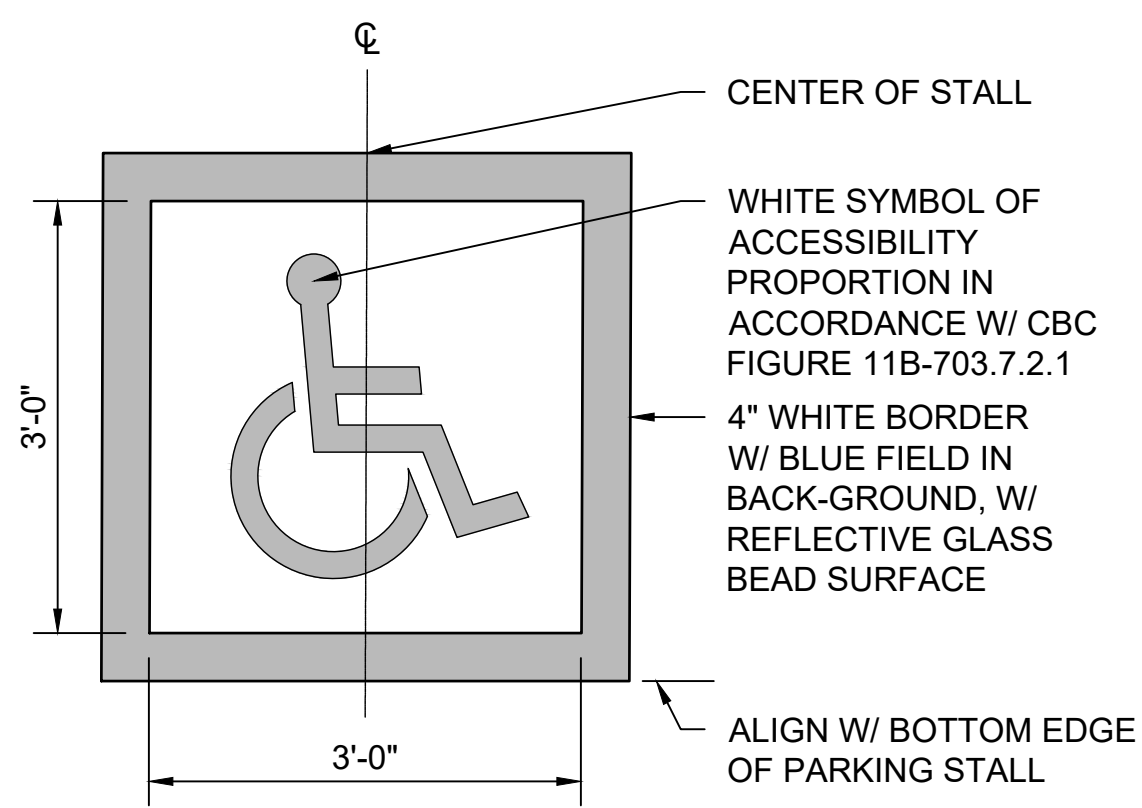
1 ACCESSIBLE PARKING STALLS - TYPICAL
SCALE@22X34 1/4" = 1'-0"



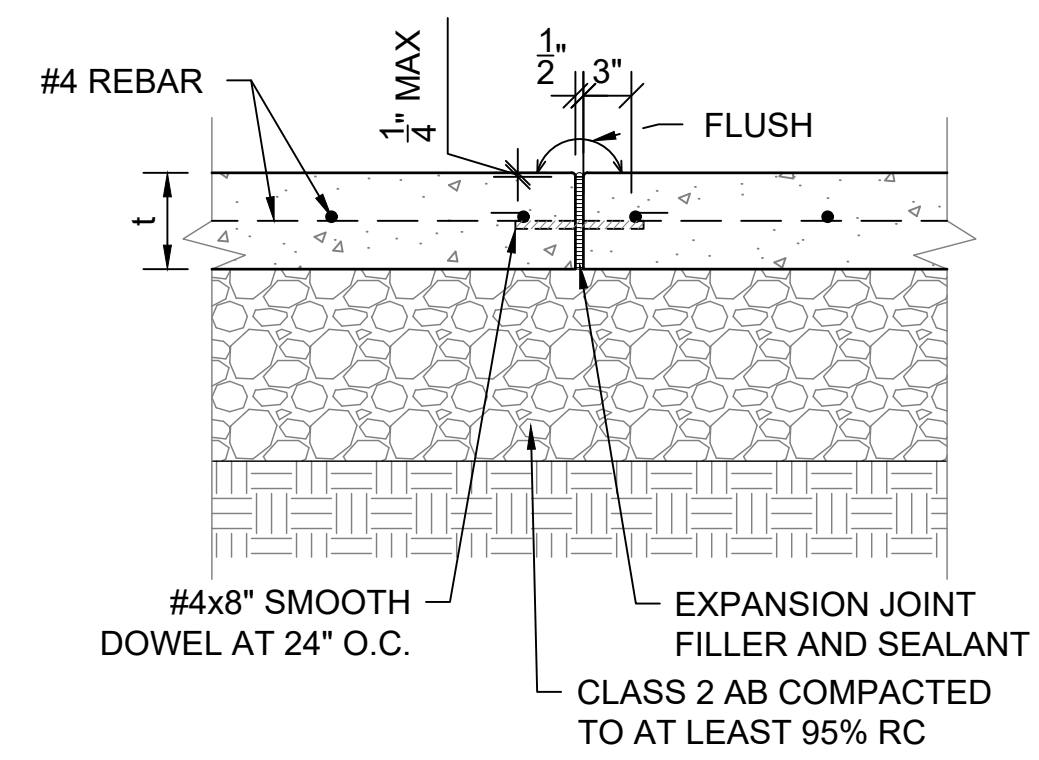
2 ACCESSIBLE PARKING SIGN
SCALE@22X34 1" = 1'-0"



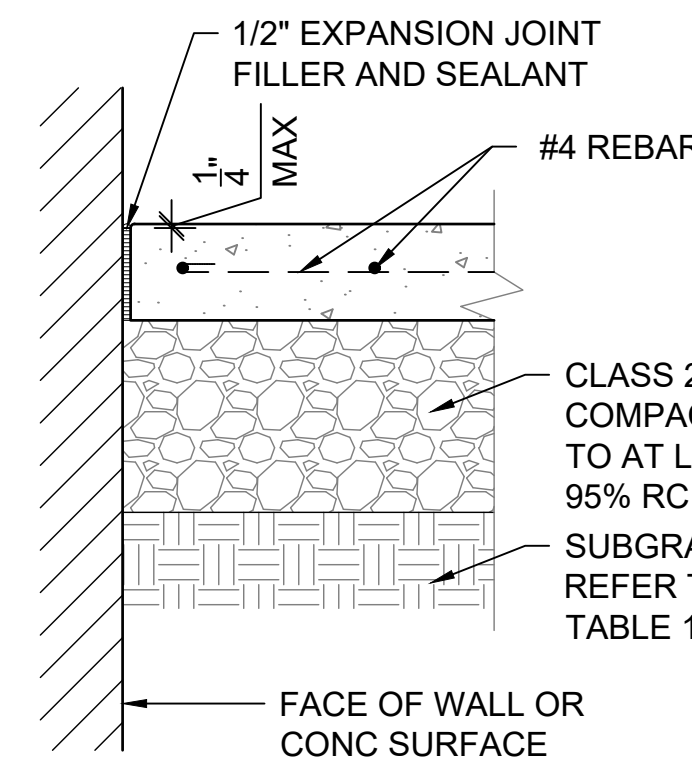
3 TOW-AWAY SIGN
SCALE@22X34 1" = 1'-0"



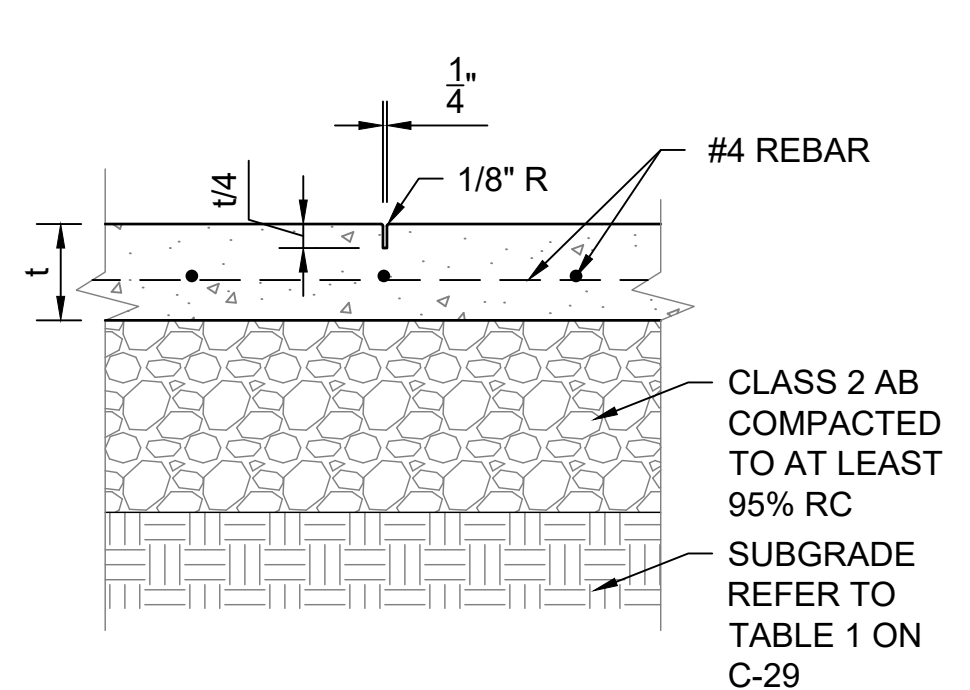
4 INTERNATIONAL SYMBOL OF ACCESSIBILITY
SCALE@22X34 3/4" = 1'-0"



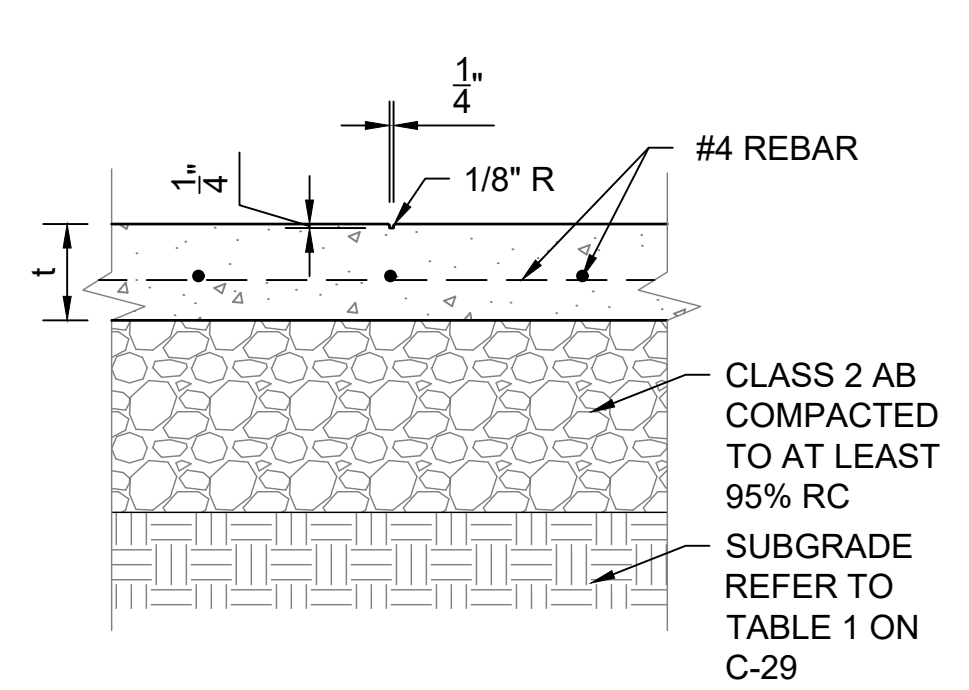
5 EXPANSION JOINT
SCALE@22X34 1" = 1'-0"



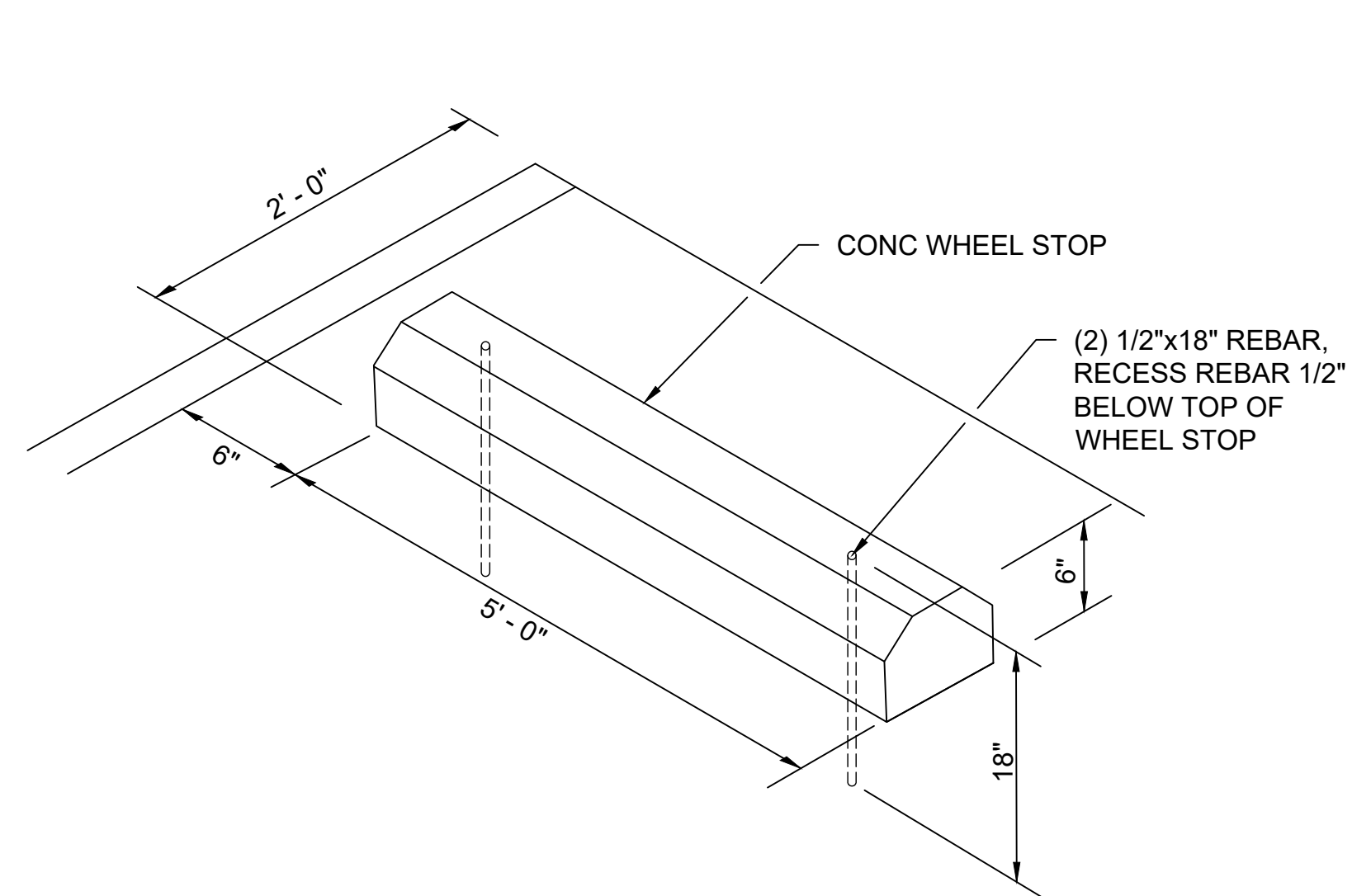
6 ISOLATION JOINT
SCALE@22X34 1" = 1'-0"



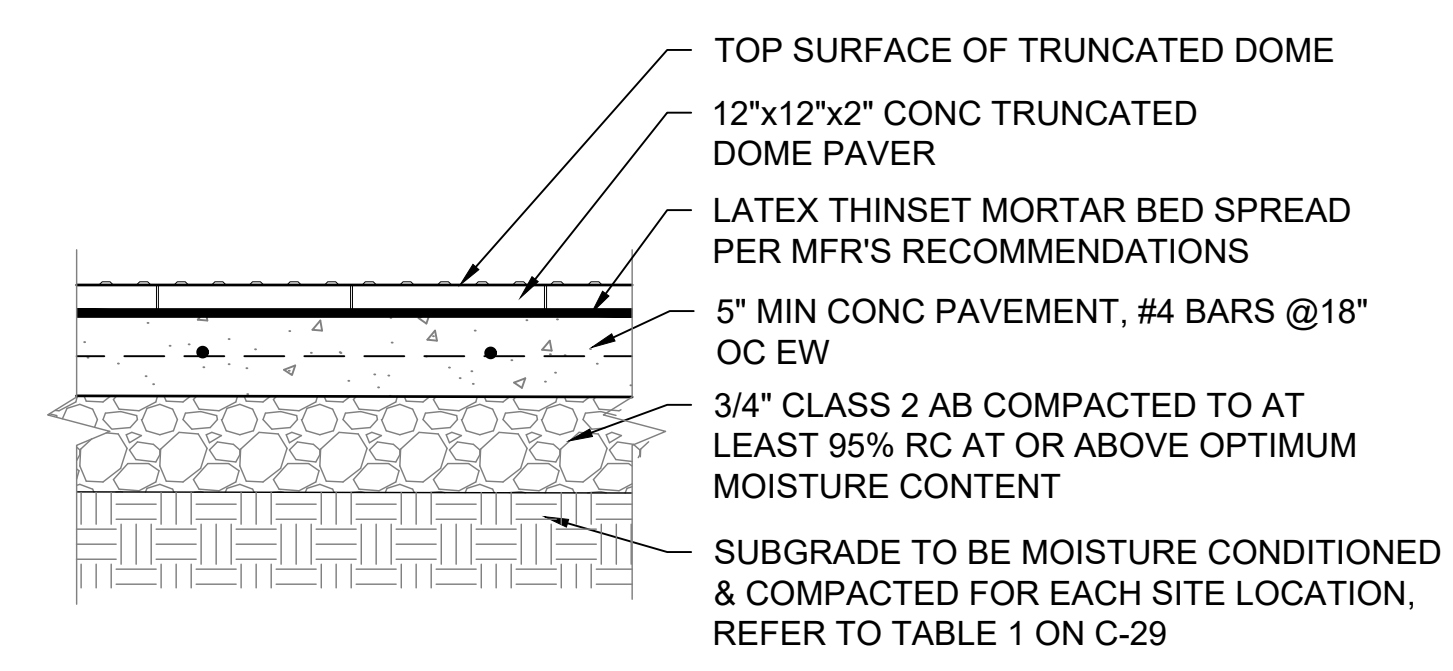
7 CONTRACTION JOINT
SCALE@22X34 1" = 1'-0"



8 SCORE JOINT
SCALE@22X34 1" = 1'-0"



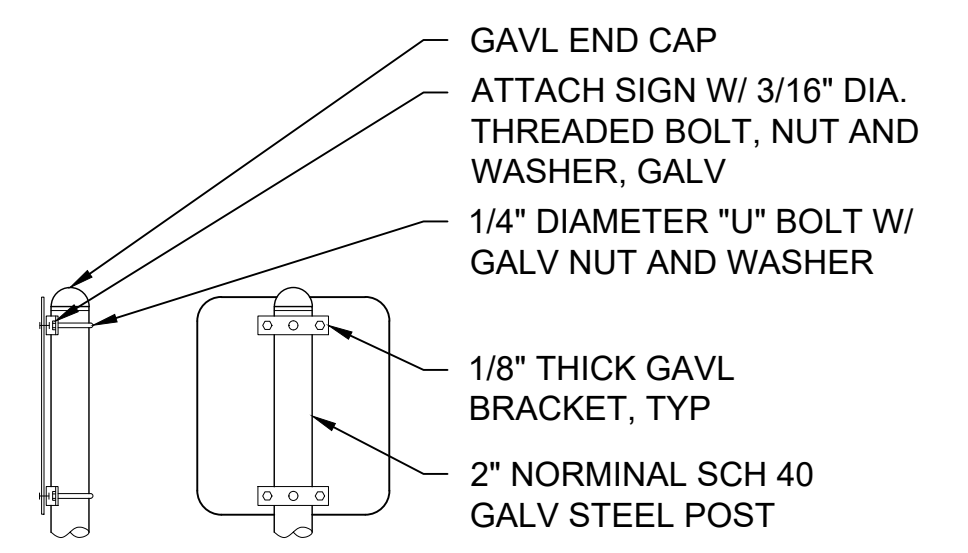
9 CONCRETE WHEEL STOP
SCALE@22X34 1" = 1'-0"



- NOTES:**
- CONC SLAB SHALL BE SLOPED TO PROVIDE COMPLETE SURFACE DRAINAGE.
 - SEE SPECIFICATION FOR CONC PAVING FINISH
 - SWEEP JOINTS WITH SAND OR GROUT
 - TRUNCATED DOME PAVER TO BE WAUSAU DOME TILE/ADA-50 OR EQUAL.
 - TRUNCATED DOME PAVER SHALL MEET FLUSH W/ ADJACENT FINISH SURFACE.
 - TRUNCATED DOME PAVER SHALL COMPLY W/ CBC 2022 SECTION 11B-705.1 THROUGH 705.1.1.3.2

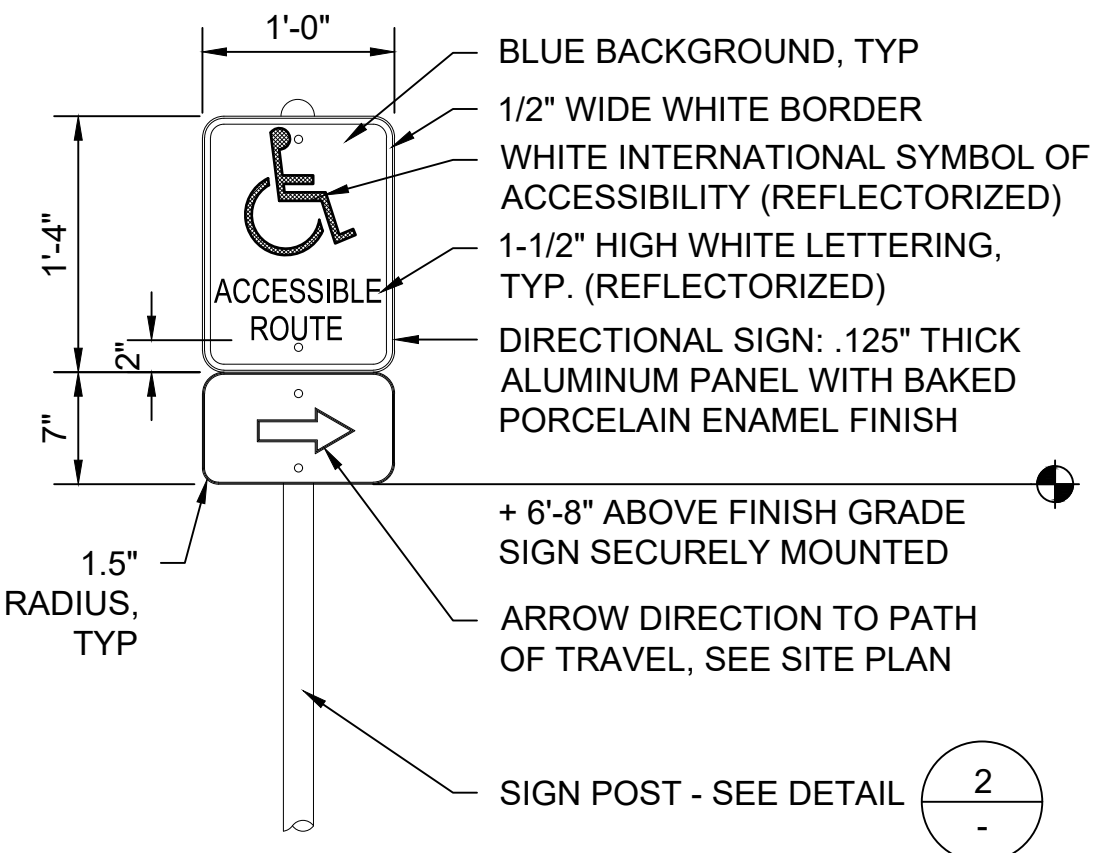
10 TRUNCATED DOME PAVER
SCALE@22X34 1" = 1'-0"

- NOTES:**
- "VAN ACCESSIBLE" PARKING STALL SIGN SHALL BE INSTALLED AT LOCATION SHOWN ON DETAIL 1 THIS SHEET
 - CENTER SIGNS ON PARKING STALLS
 - VERIFY SIGN LOCATION PRIOR TO INSTALLATION WITH THE STATE REPRESENTATIVE
 - BORDER SYMBOLS AND LETTERING TO BE REFLECTIVE



SIDE VIEW BACK VIEW

11 SIGN INSTALLATION
SCALE@22X34 1" = 1'-0"



12 DIRECTIONAL SIGN
SCALE@22X34 1" = 1'-0"



DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION CERTIFICATION #
Reviewed by Date
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DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

BEAN HOLLOW STATE BEACH VAULT RESTROOM REPLACEMENT
ACCESSIBLE PARKING & CONCRETE JOINT DETAILS

206279.031
SHEET NO.
C-28
031 OF 038



FACILITIES AND DEVELOPMENT DIVISION



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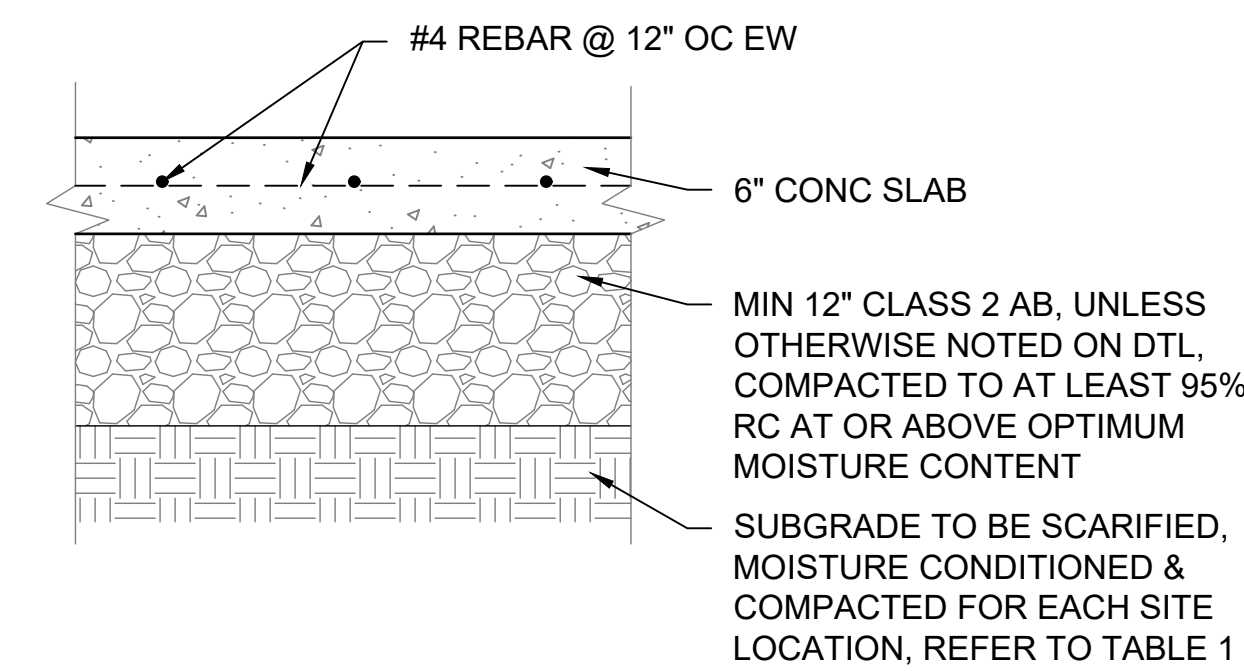
DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
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REVISIONS	DATE

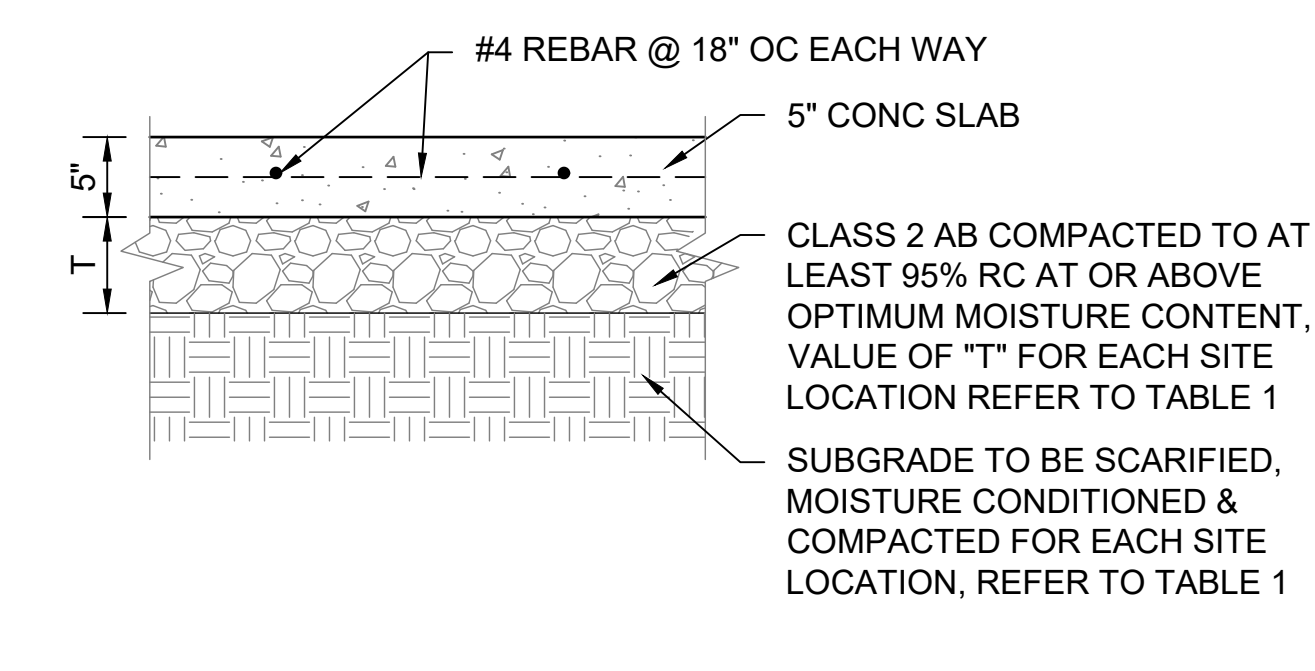
BEAN HOLLOW STATE BEACH - CENTRAL VAULT RESTROOM REPLACEMENT
SITE PAVING DETAILS

206279.032

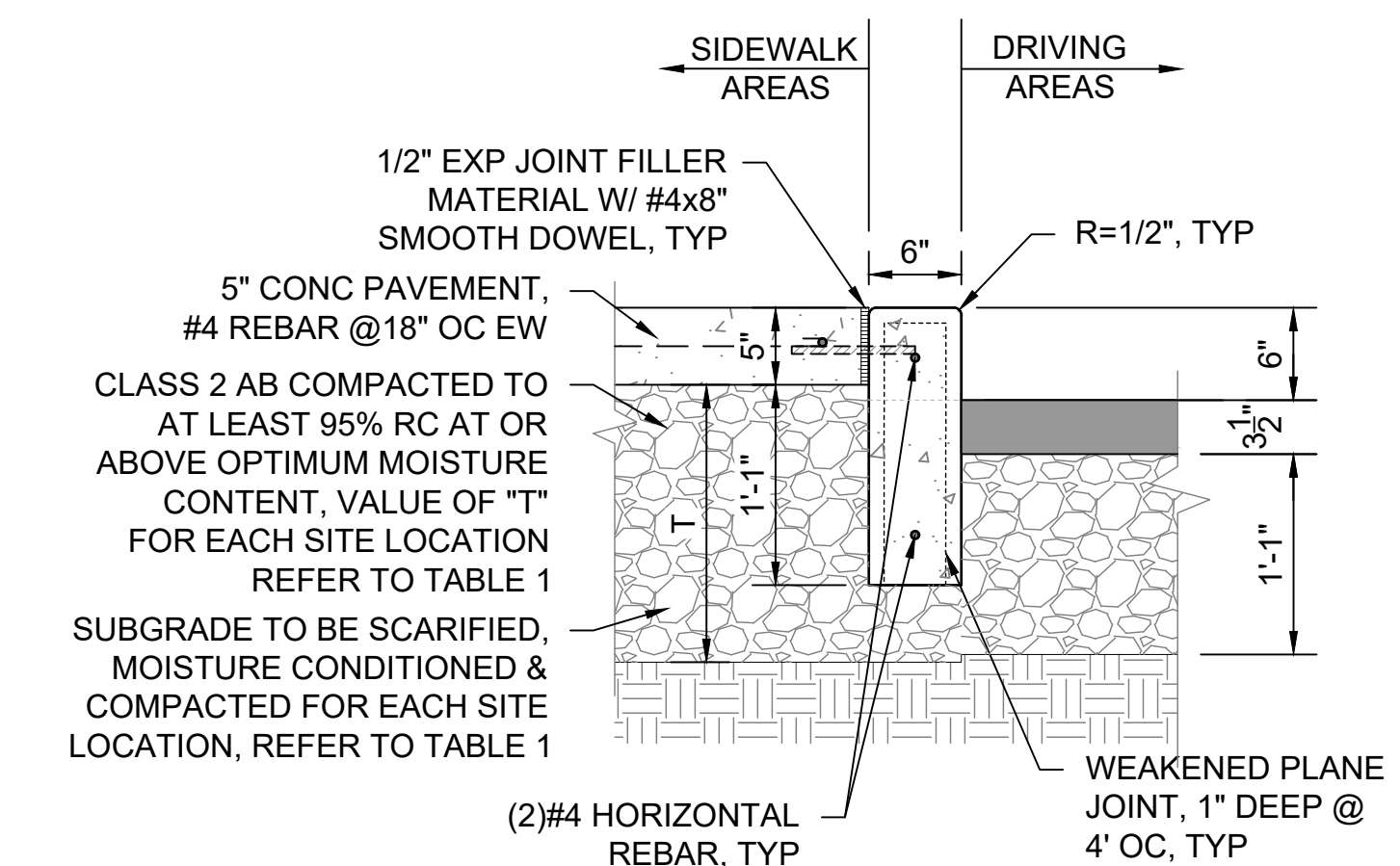
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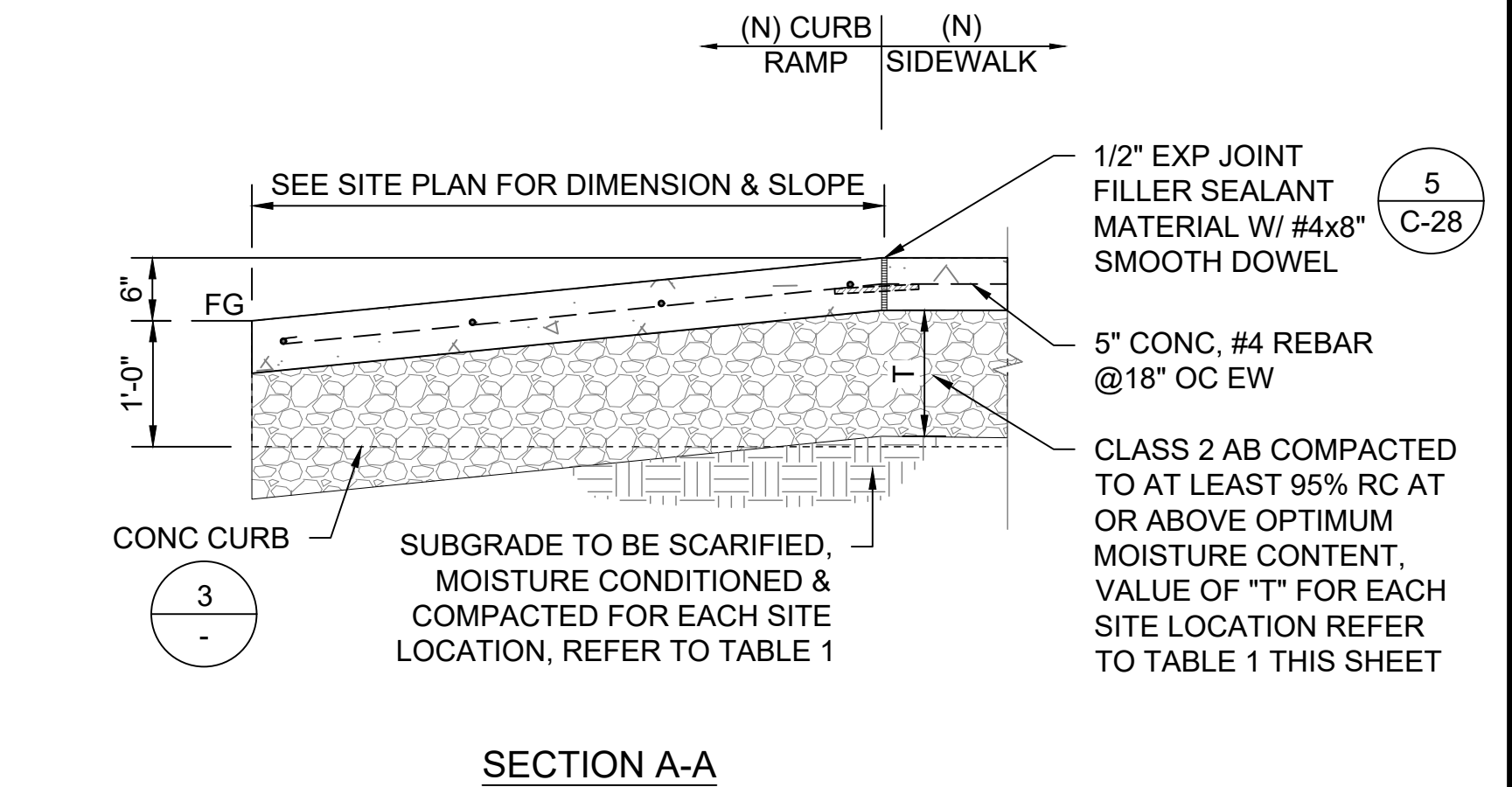
1 CONCRETE PARKING & DRIVING SLAB
SCALE@22X34 1" = 1'-0"



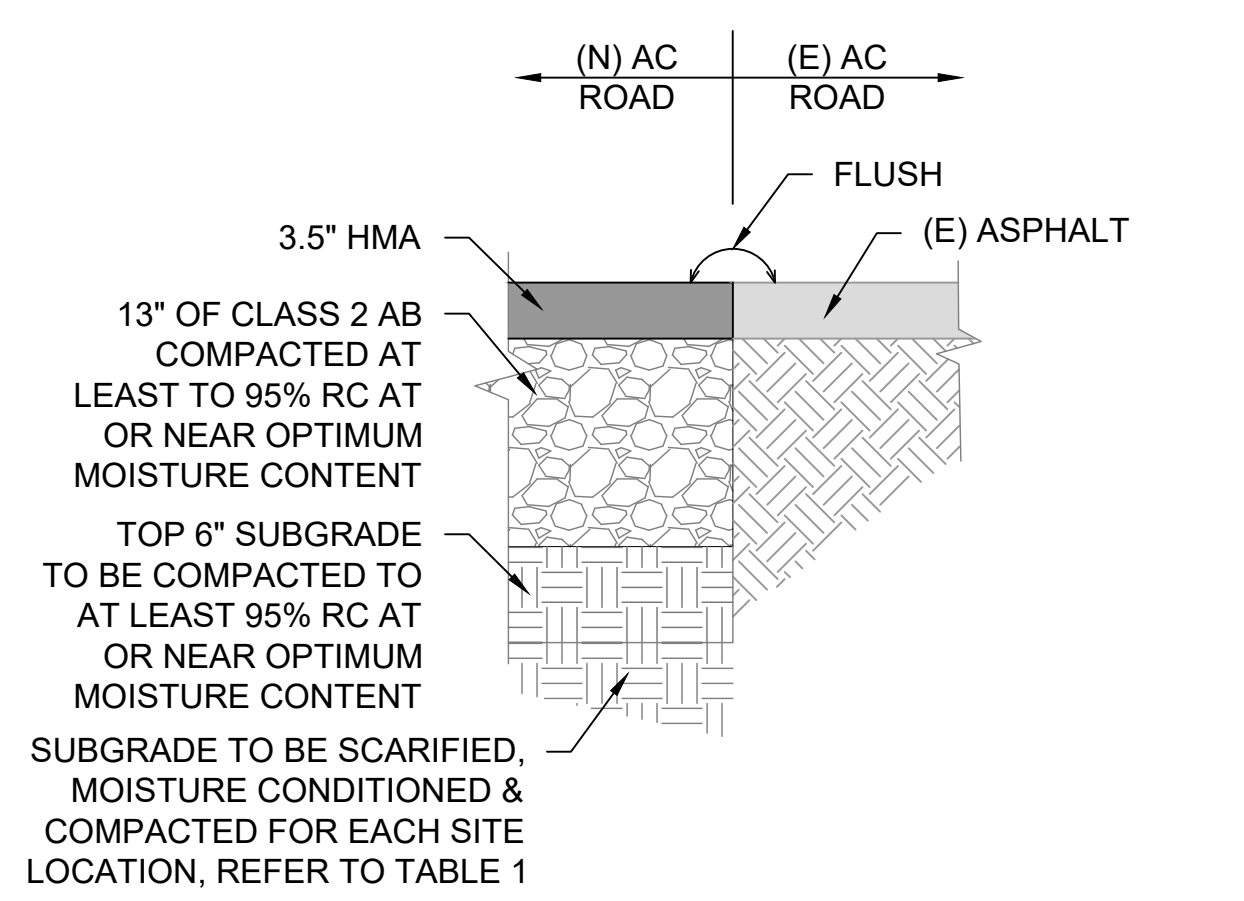
2 CONCRETE SIDEWALK & PICNIC PAD
SCALE@22X34 1" = 1'-0"



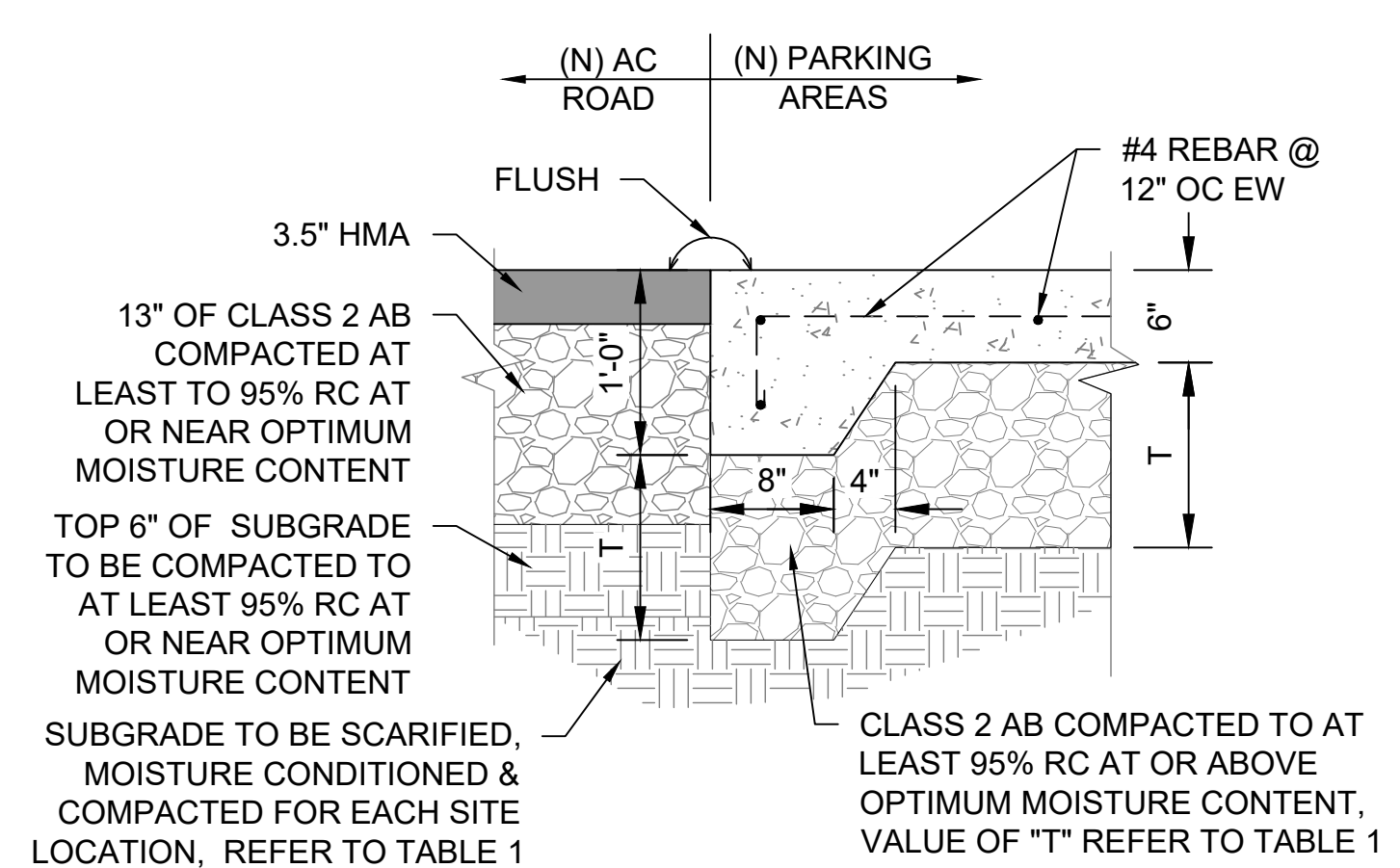
3 CONCRETE CURB
SCALE@22X34 1" = 1'-0"



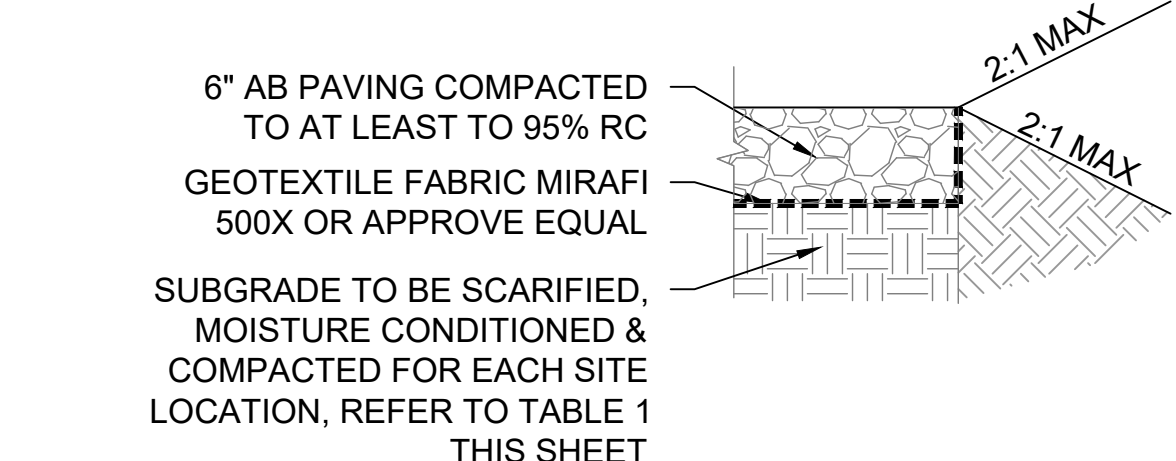
4 CONCRETE CURB RAMP TYPICAL
SCALE@22X34 3/4" = 1'-0"



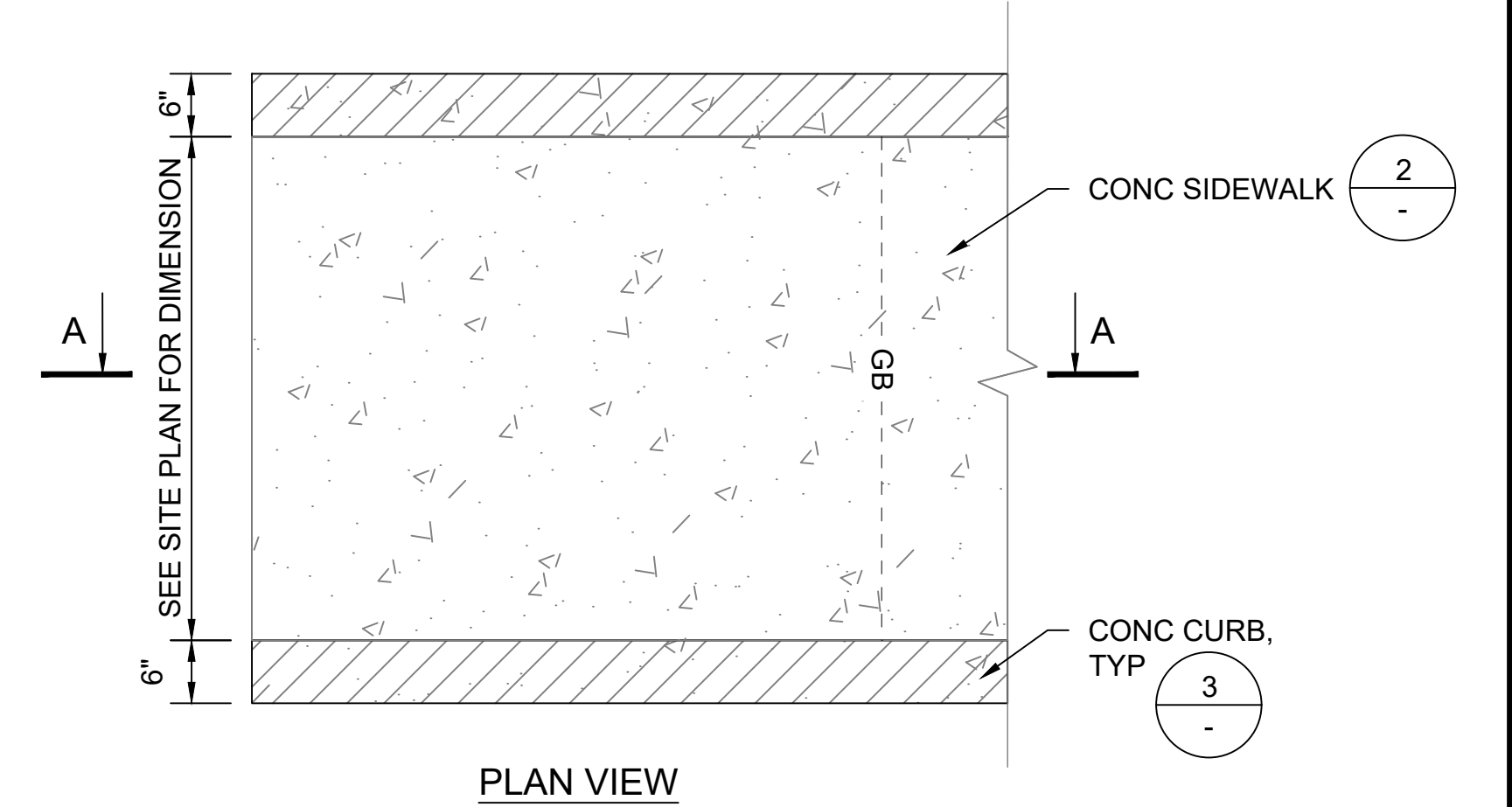
5 (N) AC TO (E) AC PAVING
SCALE@22X34 1" = 1'-0"



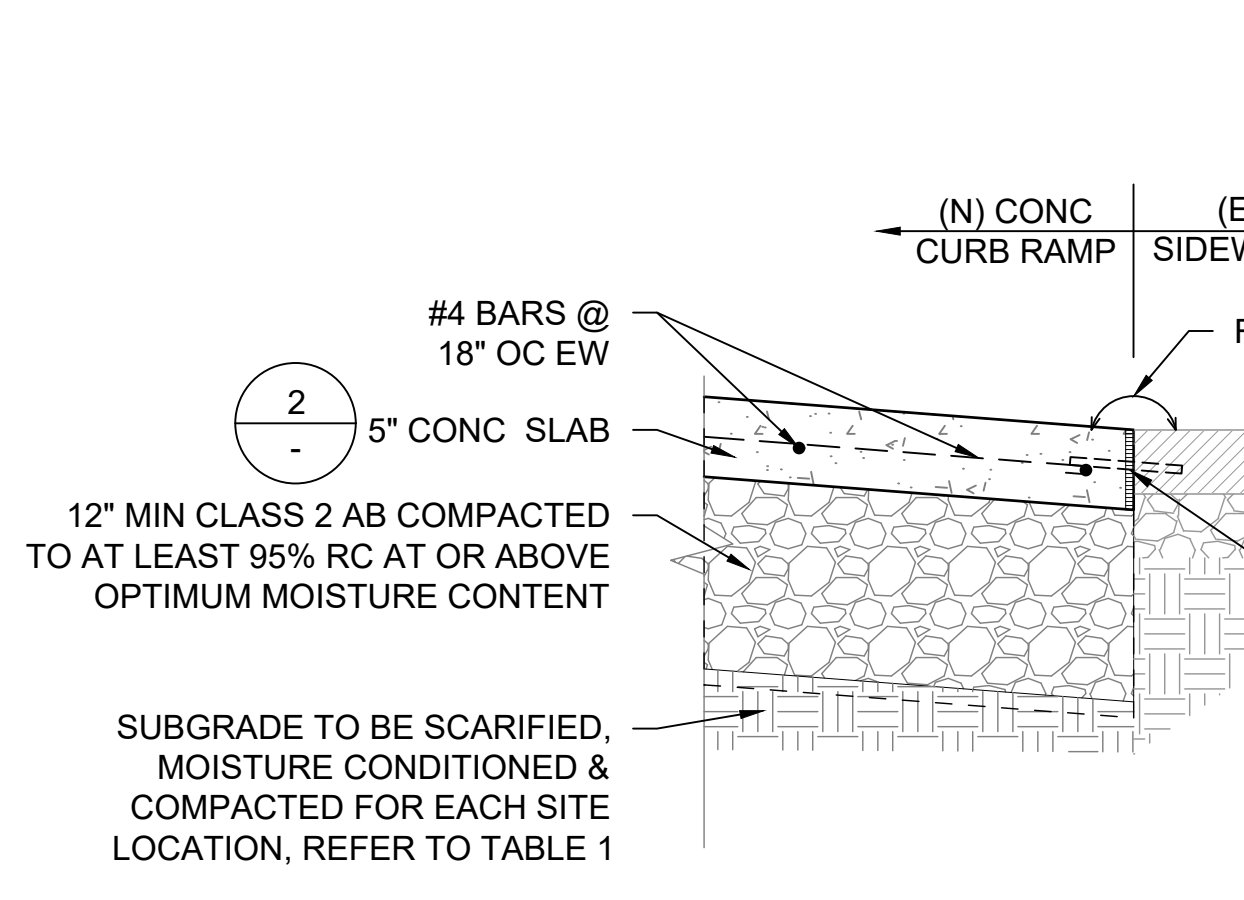
6 (N) CONC PARKING TO (N) AC PAVING
SCALE@22X34 1" = 1'-0"



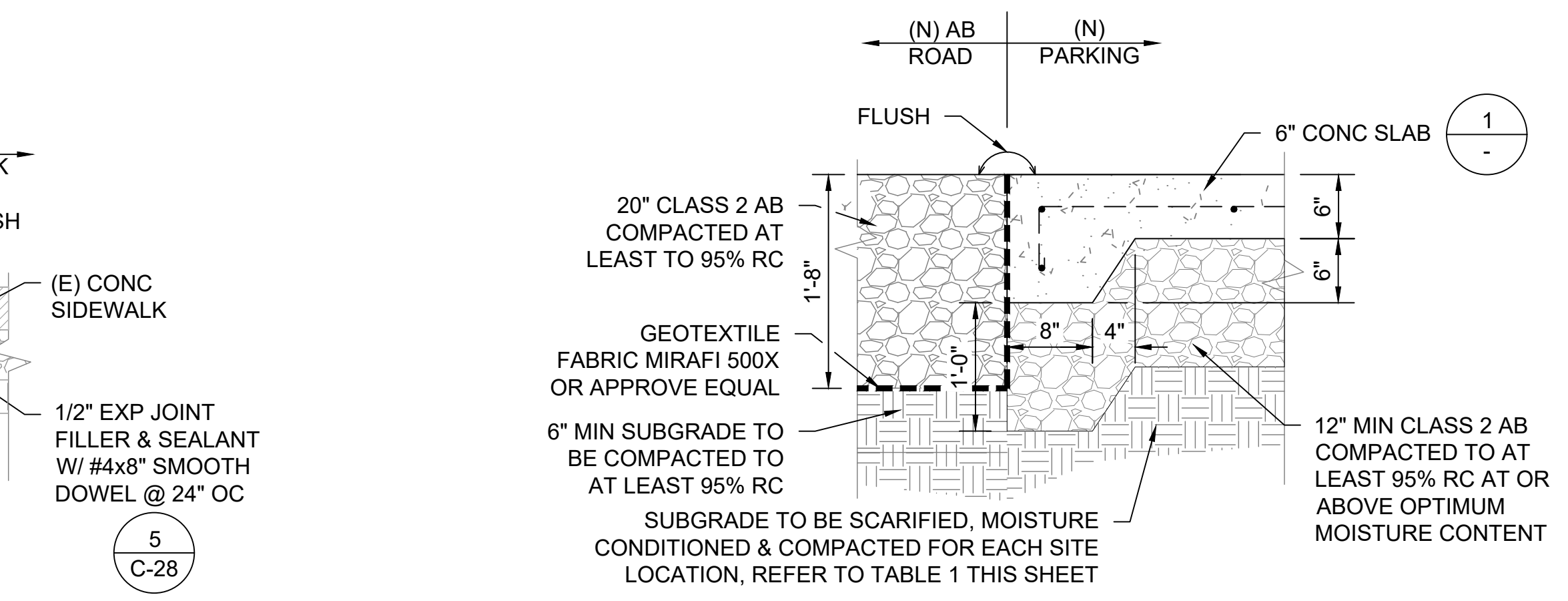
7 AGGREGATE PAVING PATH @ PICNIC AREA
SCALE@22X34 1" = 1'-0"



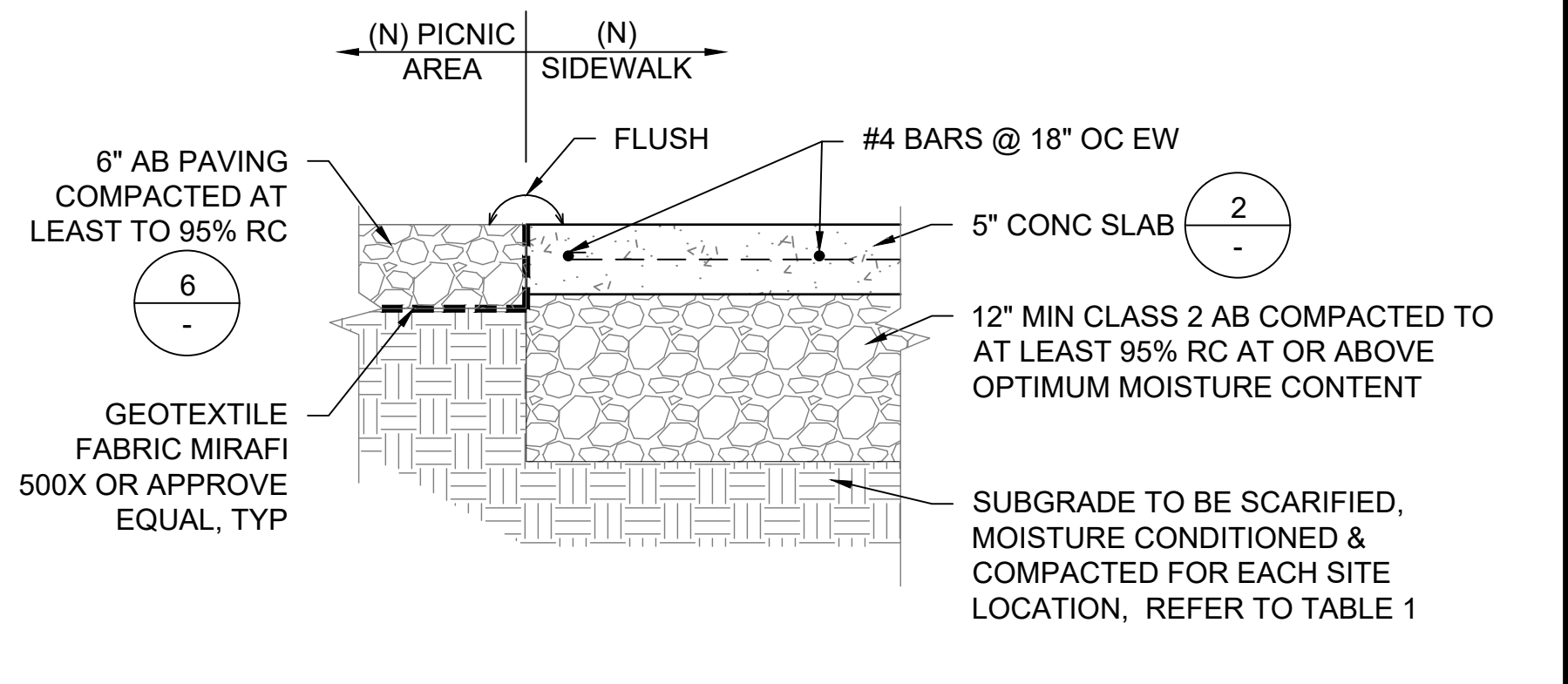
8 CONCRETE CURB RAMP TYPICAL
SCALE@22X34 3/4" = 1'-0"



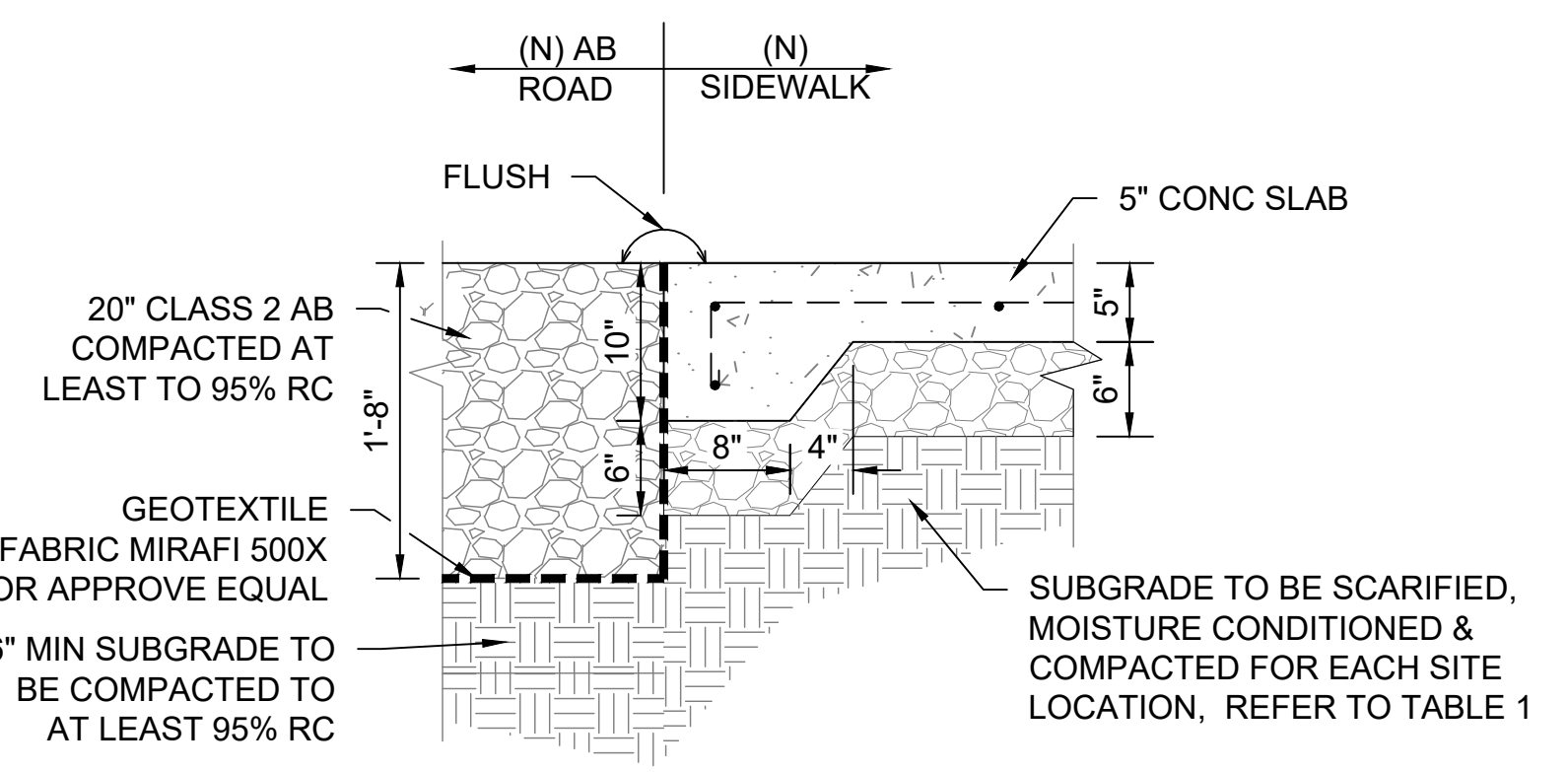
9 (N) CONC SIDEWALK TO (E) CONC PAVING
SCALE@22X34 1" = 1'-0"



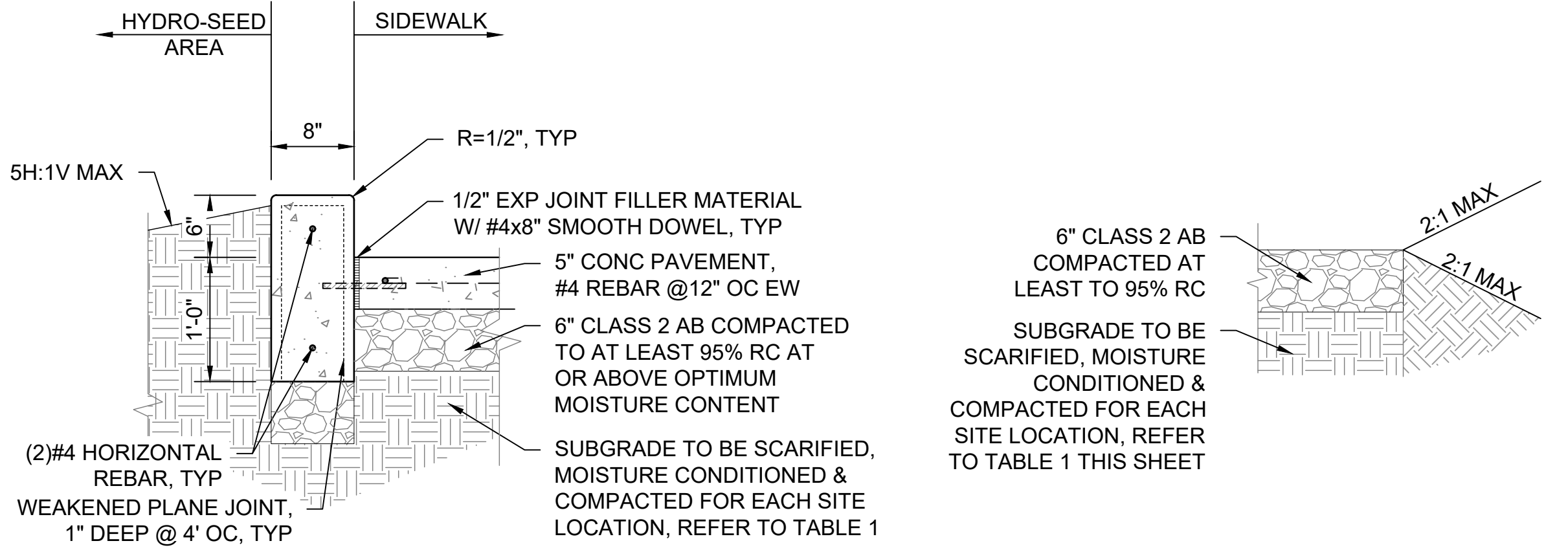
10 (N) CONC PARKING TO (N) AB PAVING
SCALE@22X34 1" = 1'-0"



11 (N) CONC SIDEWALK TO (N) AB PAVING PATH
SCALE@22X34 1" = 1'-0"



12 (N) CONC SIDEWALK TO (N) AB ROAD
SCALE@22X34 1" = 1'-0"



13 CONC CURB TYPE 2
SCALE@22X34 1" = 1'-0"

14 AGGREGATE BASE
SCALE@22X34 1" = 1'-0"

TABLE 1		
PARK NAME	T	SUBGRADE
PESCADERO SB - CENTRAL BEAN HOLLOW SB	6" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT OR ABOVE OPTIMUM CONTENT AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION
BURLEIGH H. MURRAY RANCH PESCADERO SB- NORTH ANO NUEVO GAZOS SP	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 2% ABOVE OPTIMUM & COMPACTED TO AT LEAST 90% RC
COWELL RANCH SB POMPONIO SB	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 3% ABOVE OPTIMUM MOISTURE CONTENT & COMPACTED TO AT LEAST 87% BUT NOT EXCEEDING 92% RELATIVE COMPACTION
SAN GREGORIO SB	18" MIN.	

NOTES:
- "T" = THICKNESS OF CLASS 2 AGGREGATE BASE
- INFORMATION FROM GEOCON GEOTECHNICAL REPORT SECTION 6.5.6 DATED JULY 7, 2022 & REVISED JANUARY 5, 2023

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-29 SITE PAVING DETAILS.dwg Layout: C-29 Site Paving Dtls_Bean Hollow Date: October 30, 2023 - 1:52 pm User: ile



FACILITIES AND DEVELOPMENT DIVISION



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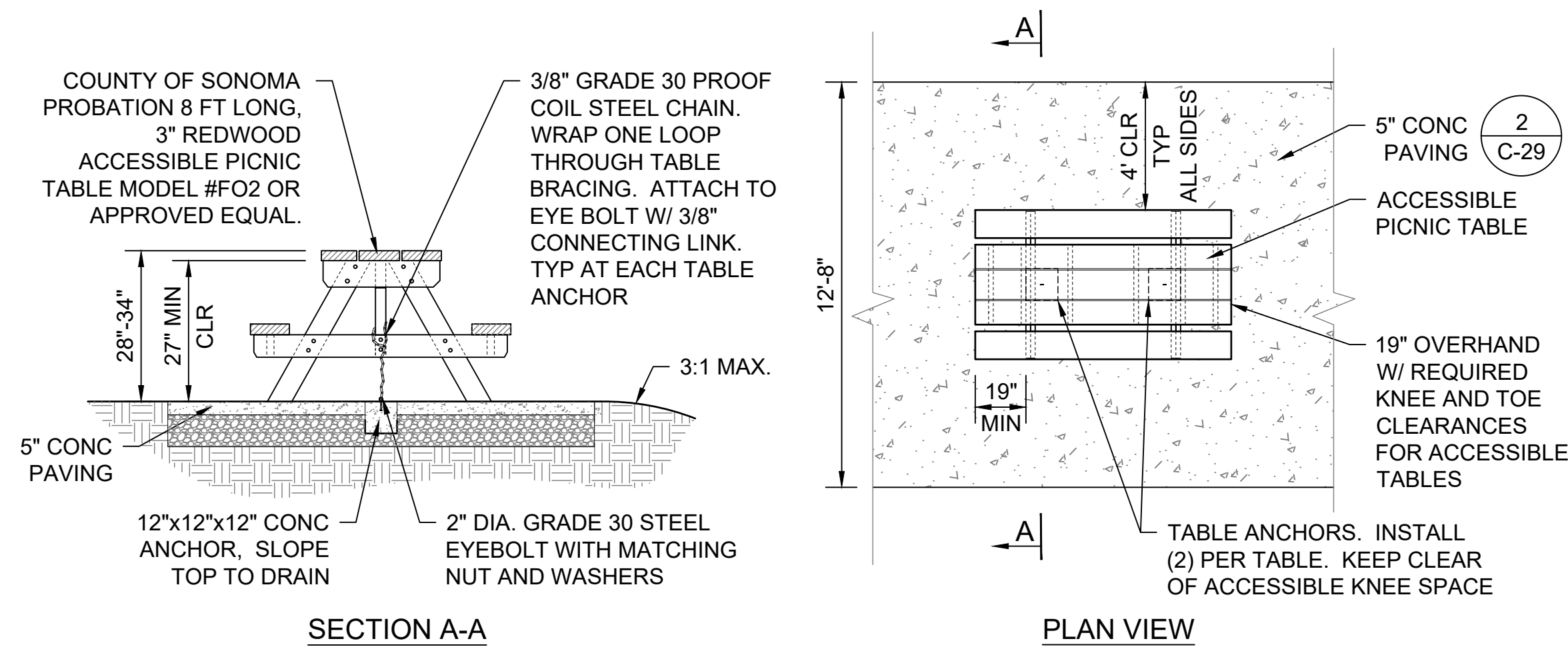
DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

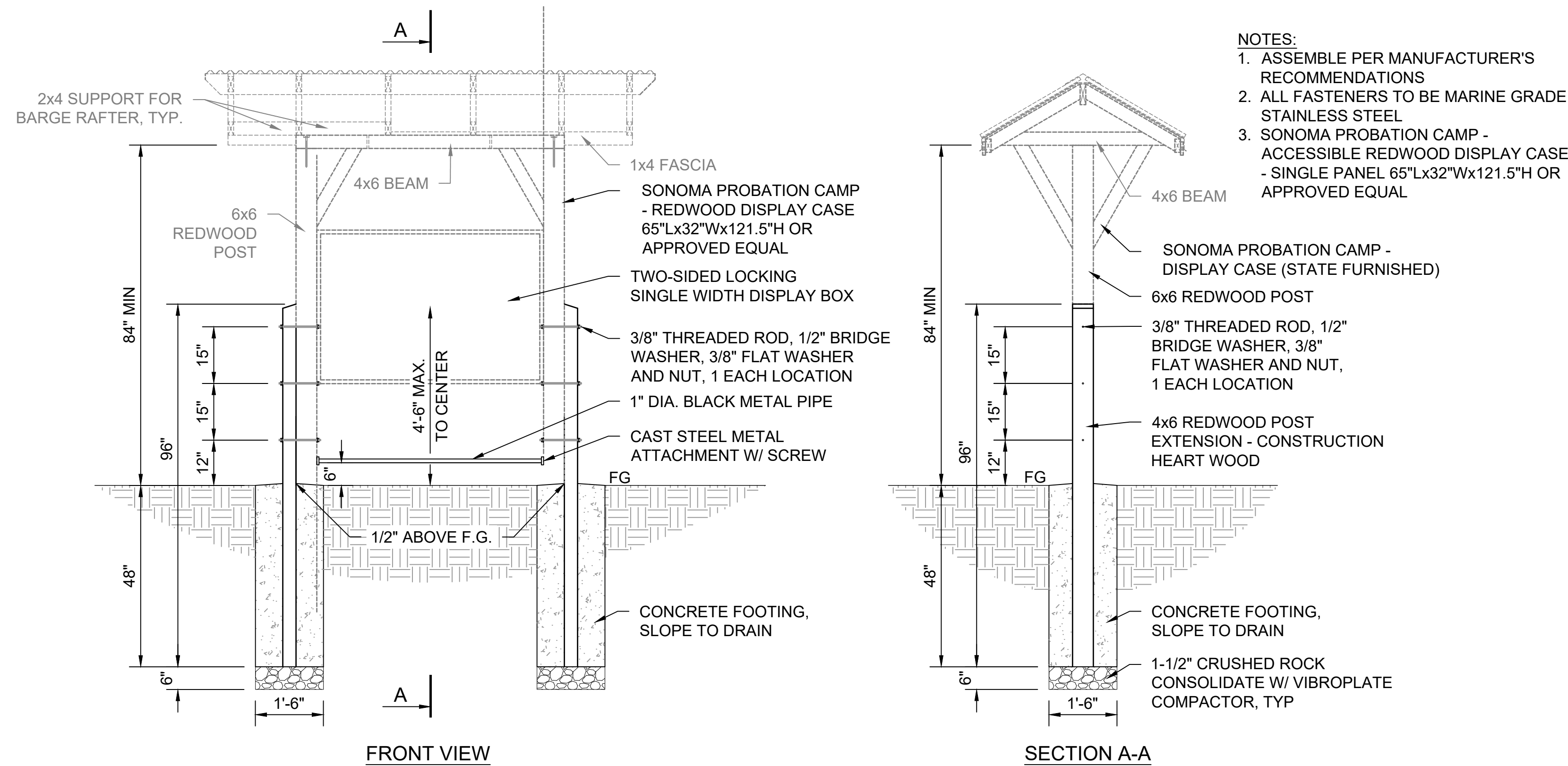
BEAN HOLLOW STATE BEACH
VAULT RESTROOM REPLACEMENT
PICNIC SITE DETAILS

206279.033

SHEET NO.
C-30
033 OF 038



2 ACCESSIBLE PICNIC TABLE
SCALE@22X34 NTS



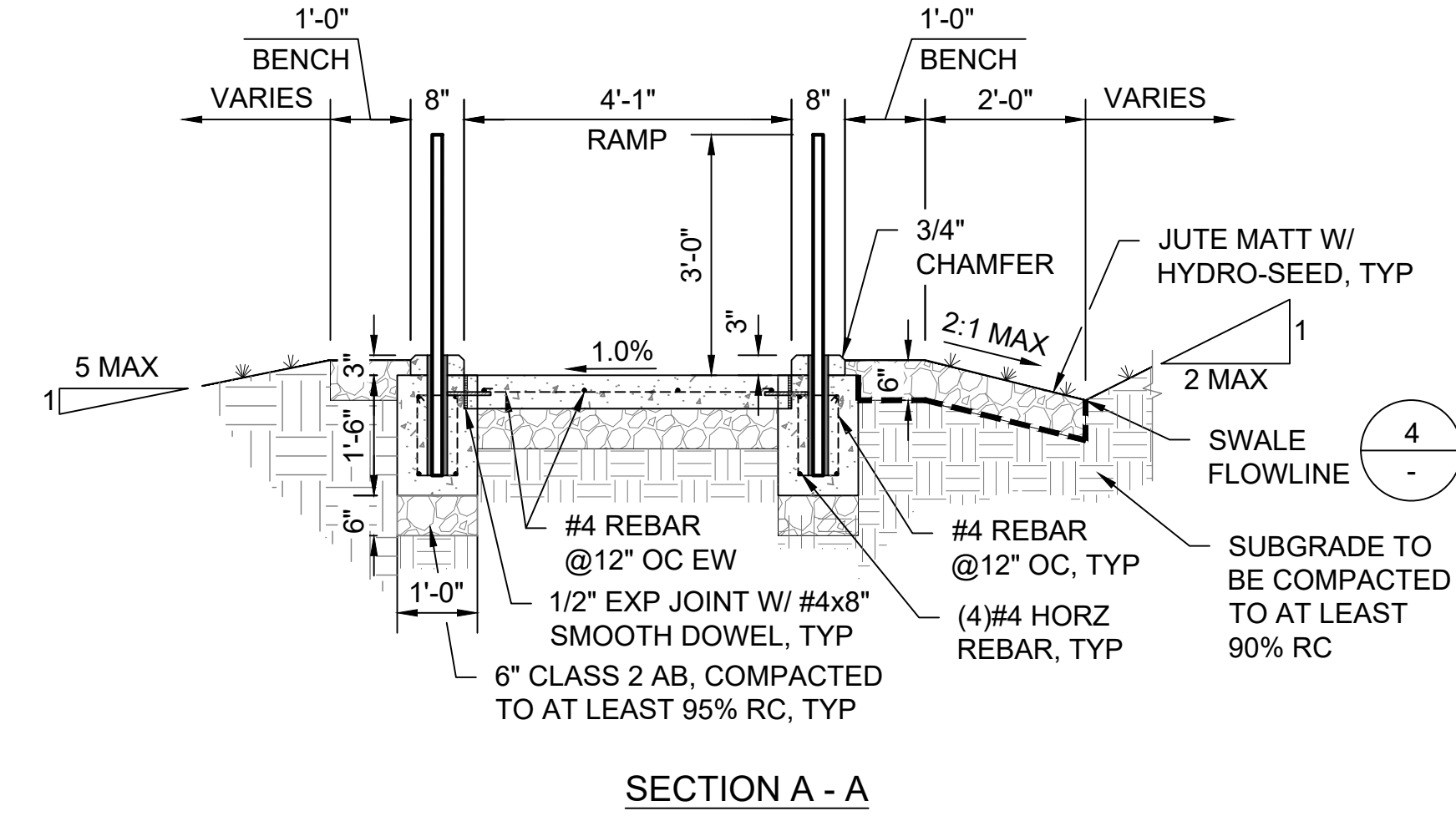
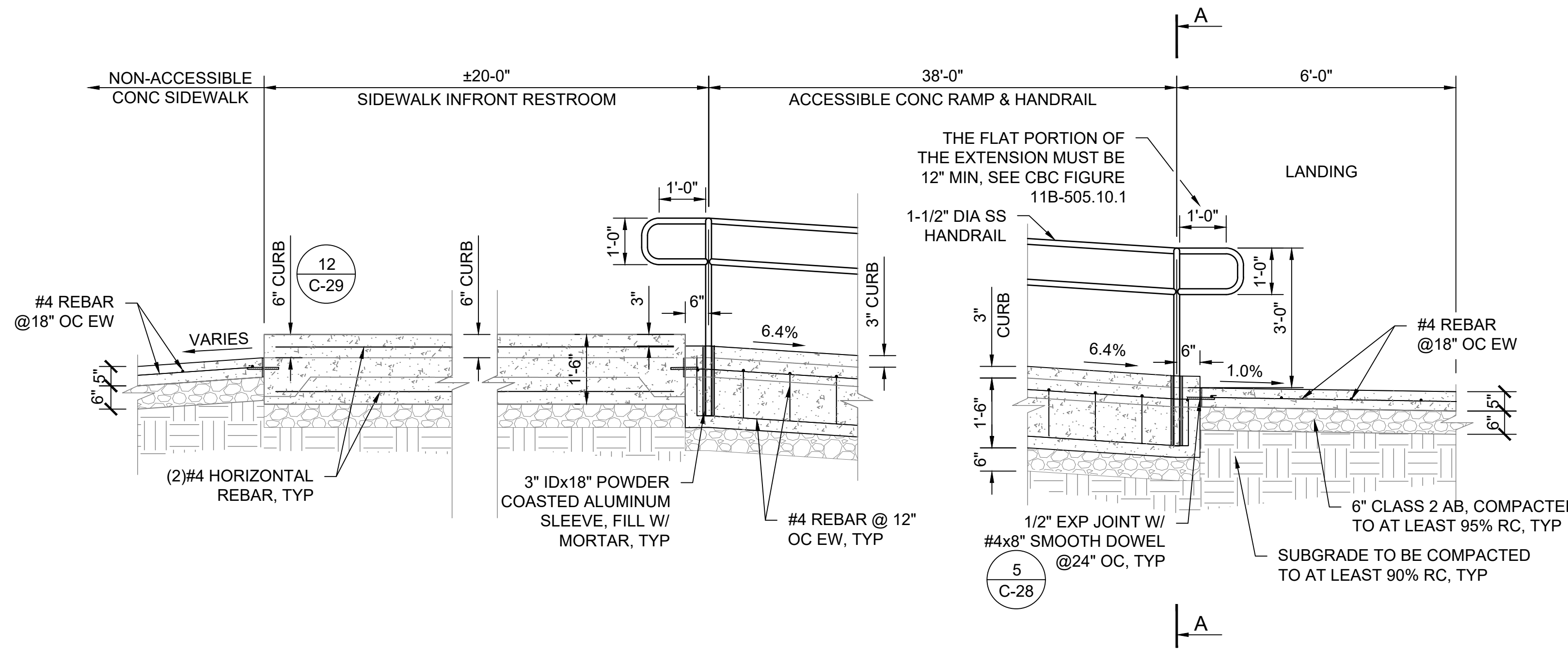
8 DISPLAY CASE INSTALLATION
SCALE@22X34 1/2" = 1'-0"



FACILITIES AND DEVELOPMENT DIVISION

NOTES:

1. CONTRACTOR SHALL SUBMIT CERTIFIED ENGINEER'S SHOP DRAWINGS TO THE STATE REPRESENTATIVE DOCUMENTING LAYOUT AND THAT SPACING BETWEEN POSTS WILL MEET ACCESSIBLE REQUIREMENT OF 250 LBS. OF FORCE IN ANY DIRECTION. SUBMITTAL TO BE APPROVED PRIOR TO FABRICATING RAILS.
2. ALL FASTENERS TO BE STAINLESS STEEL
3. HANDRAILS TO BE CONTINUOUS AT CORNERS AND TURNING
4. GRIND ALL WELDS SMOOTH & FLUSH



SECTION A - A

1 RAMP WITH HANDRAIL
SCALE@22X34 1/2" = 1'-0"

4 SWALE TYPICAL
SCALE@22X34 1" = 1'-0"



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DATE: _____ OCTOBER 2023

REVISIONS	DATE

BEAN HOLLOW STATE BEACH
VAULT RESTROOM REPLACEMENT
SITE DETAILS

206279.034

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034 OF 038

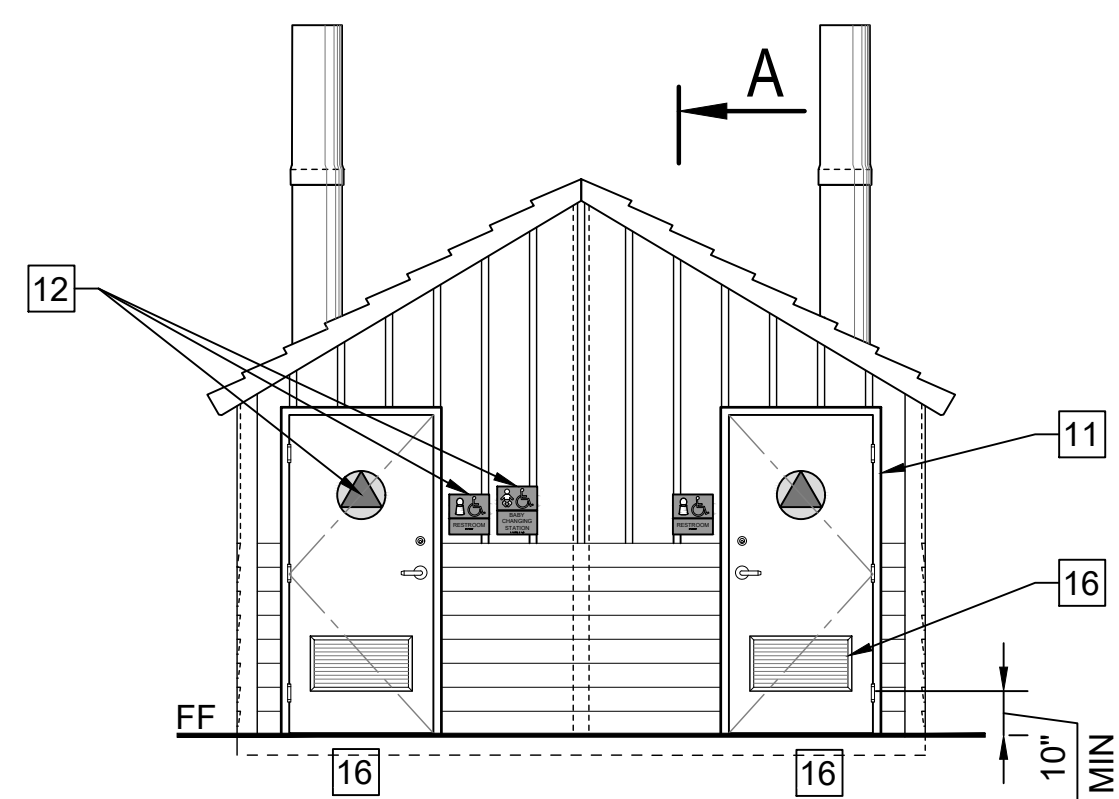
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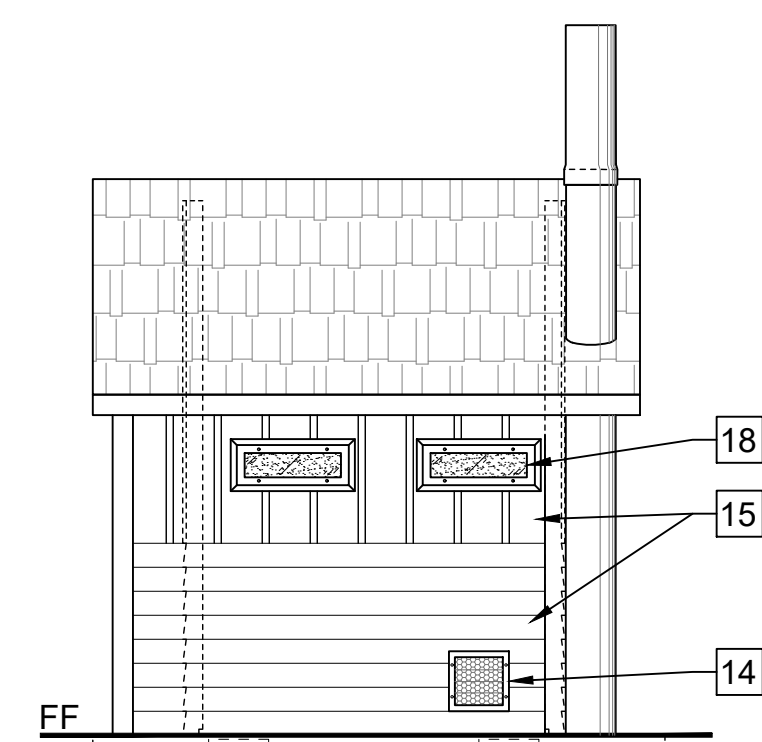
FACILITIES AND DEVELOPMENT DIVISION

KEYNOTES:

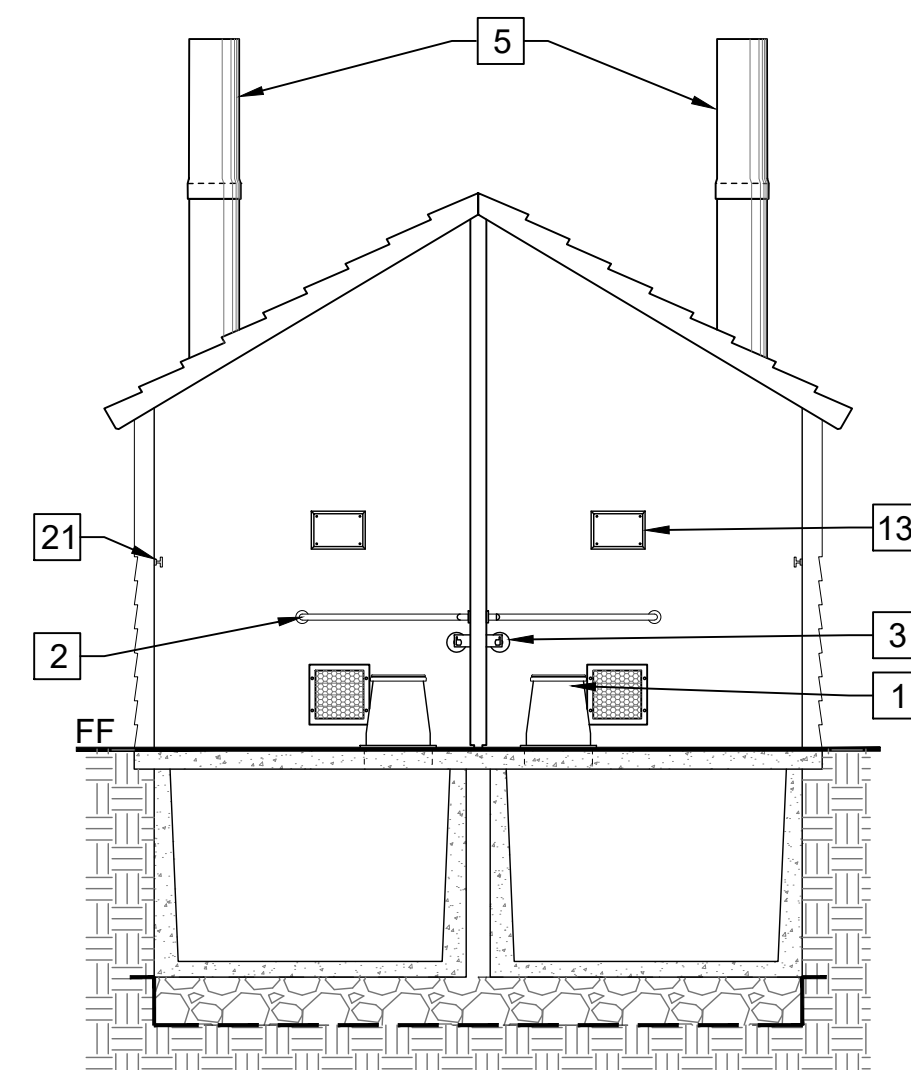
- 1 RISER
- 2 "L" SHAPED 1-1/2" SS GRAB BARS, 250LB POINT LOAD MIN. CAPACITY
- 3 SS TOILET PAPER DISPENSER, (3) ROLL BAR WITH LOCK
- 4 EDGE OF ROOF LINE ABOVE
- 5 VAULT VENTILATOR TUBE
- 6 VAULT ACCESS SCUTTLE DOOR
- 7 VAULT TANK BELOW GRADE
- 8 VAULT FOUNDATION: 12" MIN. THICK LEVELING COURSE OF 1-1/2" ANGULAR CRUSHED ROCK CONSOLIDATE W/ VIBROPLATE COMPACTOR ABOVE GEOTEXTILE FILTER FABRIC (MIRAFI 140N OR EQUAL), REFER TO GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION
- 9 SIMULATED STANDING CEDAR SHAKE TEXTURE CONCRETE ROOF PATTERN, COLOR GRANITE ROCK, 2K ANTI-GRAFFITI COATING
- 10 CONCRETE BUILDING SLAB BY MANUFACTURE OF PRE-CAST BUILDING, COORDINATE ELEVATION WITH CONCRETE WALK FOR ACCESSIBLE ENTRANCE PER GRADING SHEETS
- 11 3'-0"x6'-8" FIBERGLASS DB LVR DOOR AND FRAMESET, TOP PAINTED WITH DTM ALKYD
- 12 TOILET SIGNAGE ON SHEET C-XX RESTROOM DETAILS
- 13 SIGN TO READ: "DO NOT PUT TRASH IN TOILET"
- 14 SS WALL VENT
- 15 BOARD & BATT TEXTURE UPPER WITH HORIZONTAL LAP LOWER TEXTURE WALLS, COLOR SAND BEIGE. 2K ANTI-GRAFFITI COATING ON ALL FINISHED SURFACES.
- 16 SS DOOR LOUVER
- 17 SET BUILDING SLAB FLUSH, LEVEL AND W/ SMOOTH TRANSITION AT CONCRETE SIDEWALK IN AREA IN FRONT OF ENTRANCE TO THE RESTROOM, COORDINATE W/ GRADING SHEET PER EACH LOCATION
- 18 TRANSLUCENT LEXAN WINDOW GLAZING WITH STEEL FRAME
- 19 BABY CHANGING TABLE: MODEL 100-EH-BP HORIZONTAL DIAPER CHANGING STATION WITH EZ MOUNT BACKER PLATE OR APPROVE EQUAL, TABLE WIDTH SHALL NOT EXCEED 18".
- 20 ACCESSIBLE MANEUVERING AREAS - CIRCLE: 60" Ø & RECTANGLE: 56"D x 60"W
- 21 SS DOUBLE COAT HOOK
- 22 PAINT - WHITE
- 23 ALL PORTIONS OF THE EAVES WHICH ARE LESS THAN 80" ABOVE THE WALKING SURFACE SHALL PROJECT NO MORE THAN 4" FROM THE SIDE OF THE BUILDING.



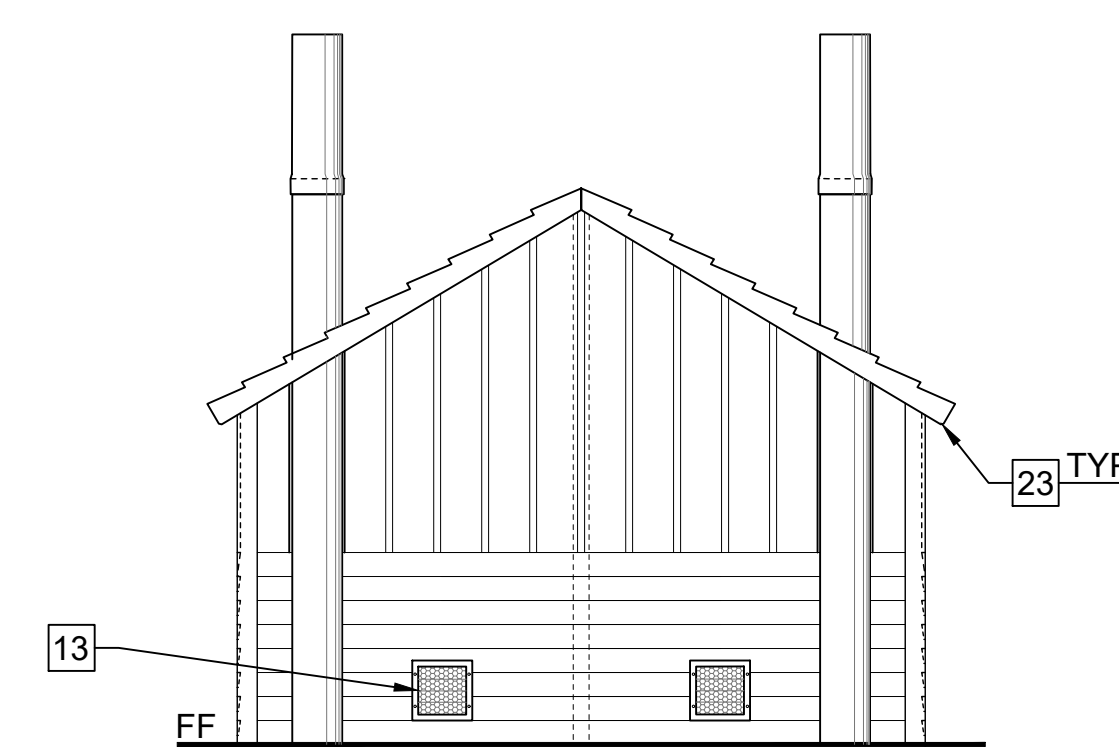
1 FRONT ELEVATION
SCALE@24X36 1/4" = 1'-0"



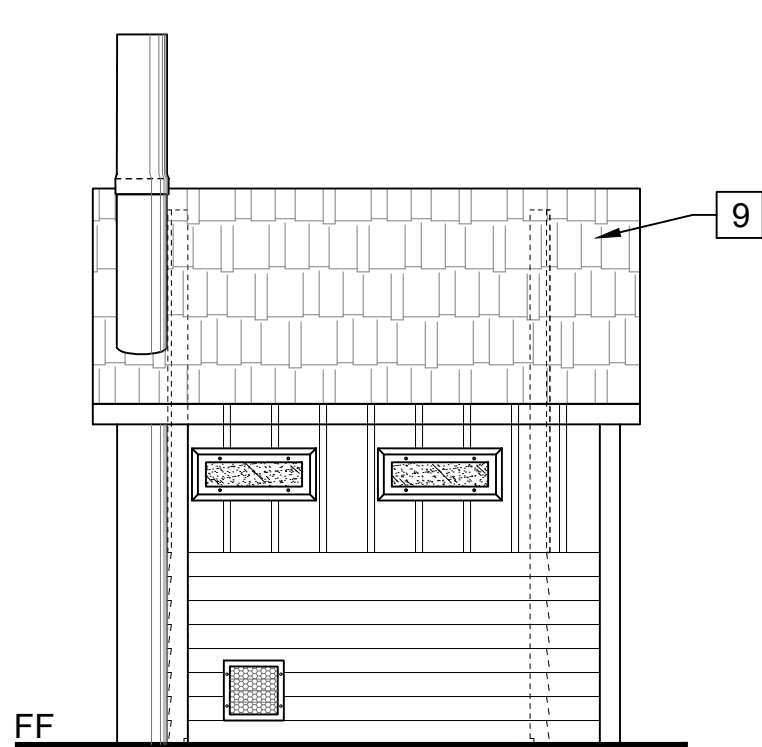
3 RIGHT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



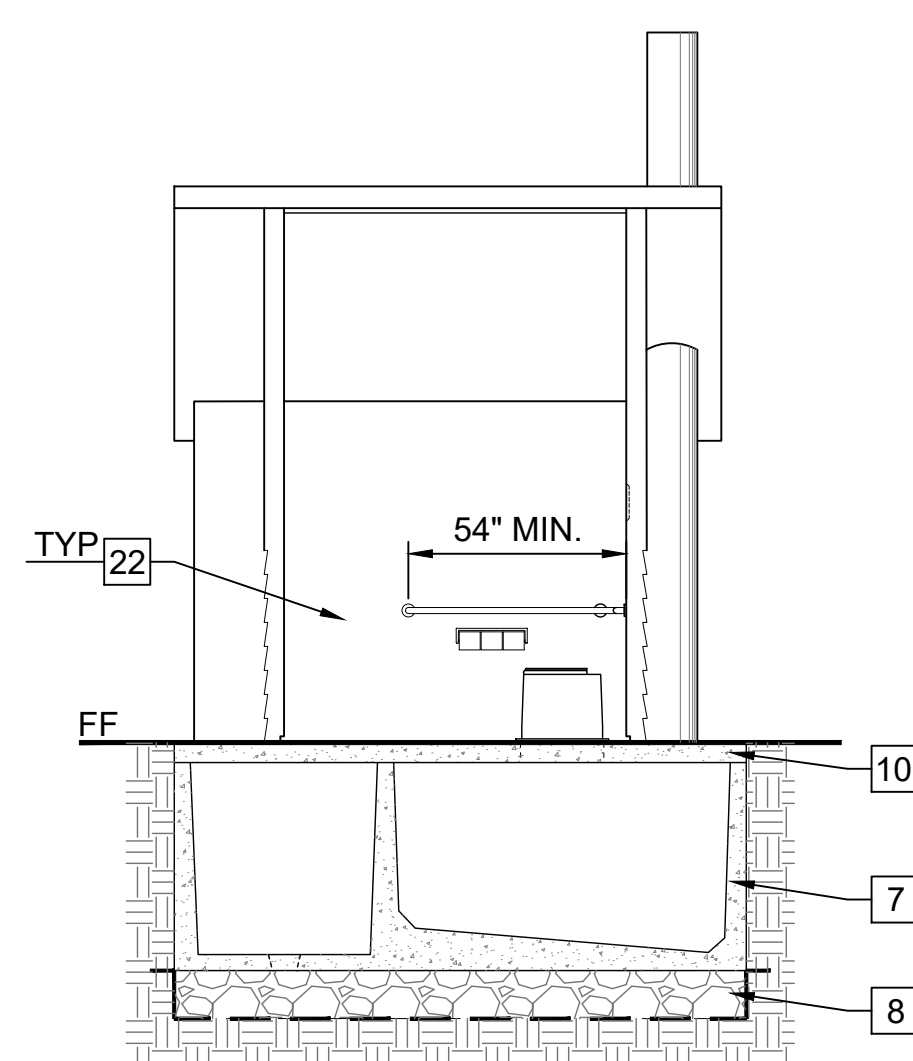
5 LONGITUDINAL SECTION
SCALE@24X36 1/4" = 1'-0"



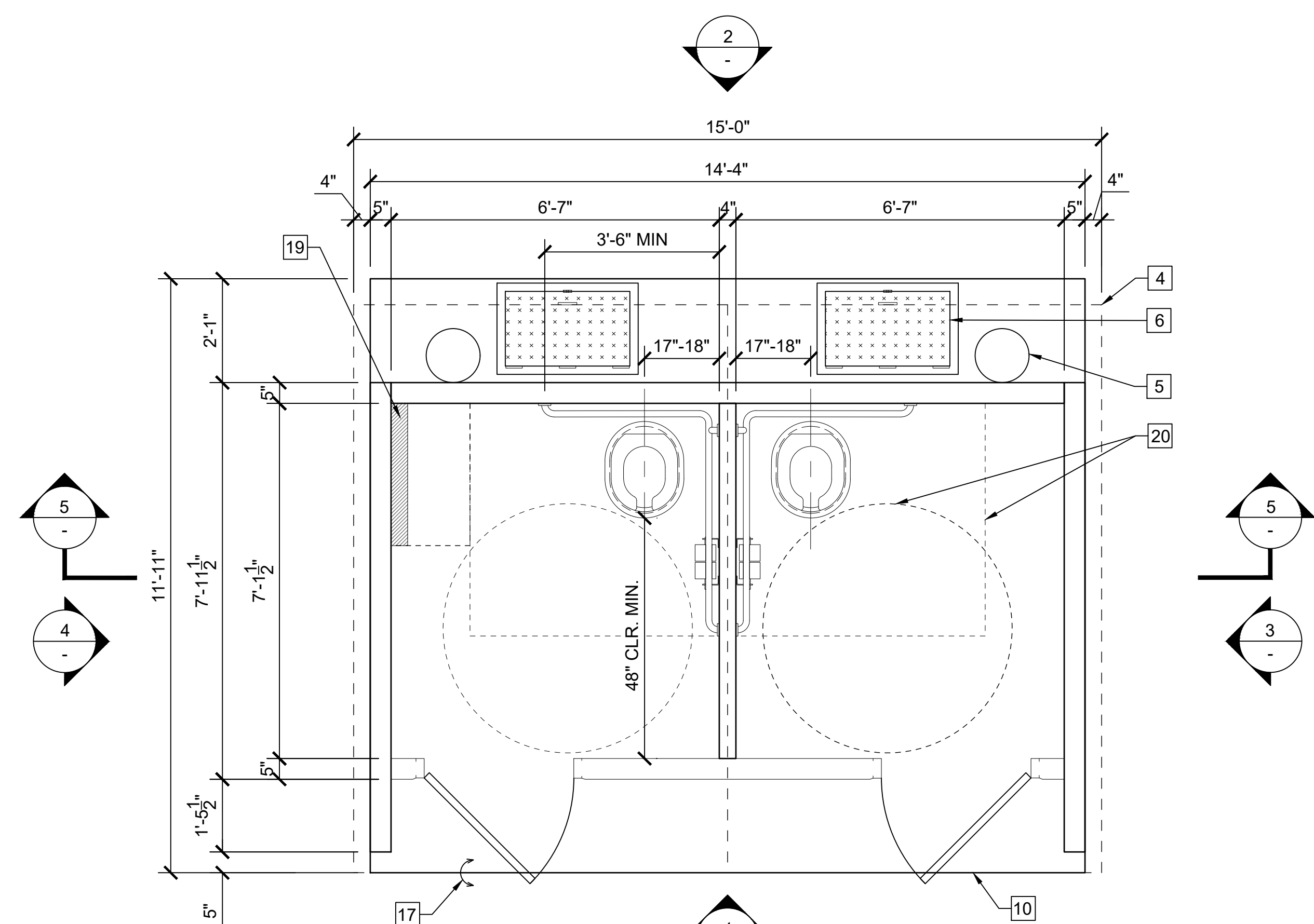
2 REAR ELEVATION
SCALE@24X36 1/4" = 1'-0"



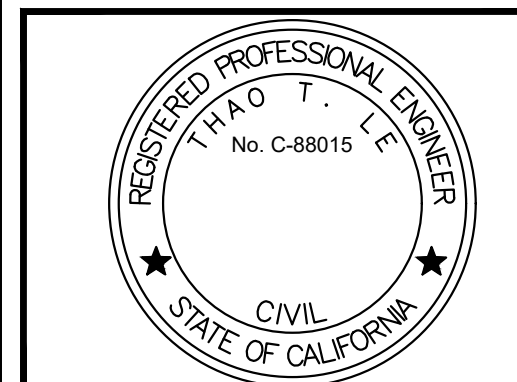
4 LEFT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



6 SECTION A-A
SCALE@24X36 1/4" = 1'-0"



7 FLOOR PLAN
SCALE@24X36 1/2" = 1'-0"



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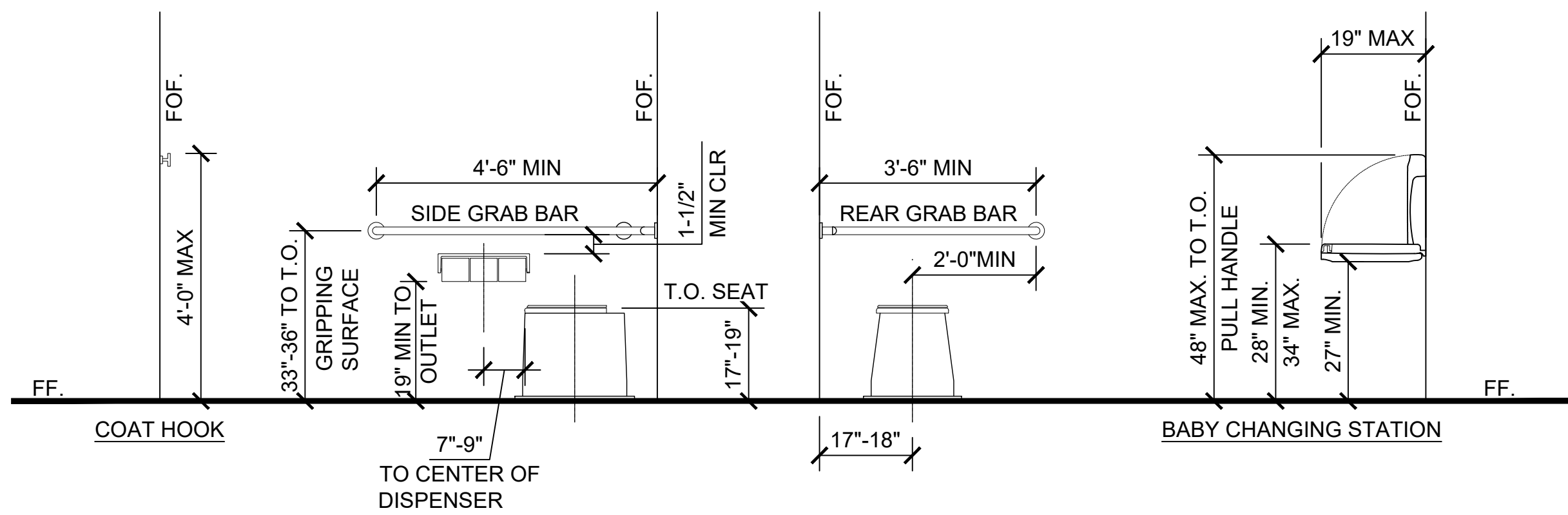
BEAN HOLLOW STATE BEACH
VAULT RESTROOM REPLACEMENT
**PRECAST DOUBLE VAULT
RESTROOM BUILDING**

206279.037

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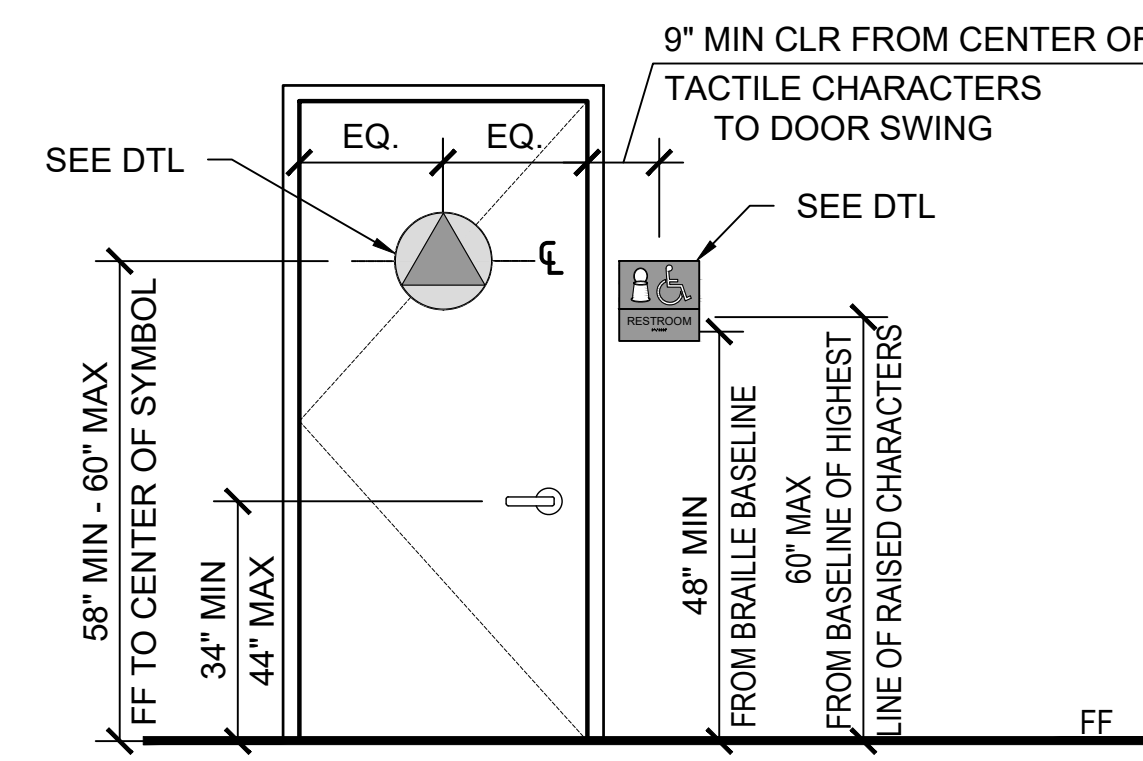
FACILITIES AND DEVELOPMENT DIVISION



- NOTES:
- REFER TO 2022 CBC FOR FURTHER INFORMATION:
 - SECTION 11B-306 KNEE AND TOE CLEARANCE
 - SECTION 11B-308 REACH RANGES
 - SECTION 11B-604 WATER CLOSETS AND TOILET COMPARTMENTS
 - NO TOLERANCE PERMITTED BEYOND NOTED MINIMUMS OR MAXIMUMS.
 - OPERATING HANDLE, 5 LBS MAXIMUM OPERATING FORCE AUTOMATIC OR PLACED ON WIDE SIDE OF THE FIXTURE COMPARTMENT.

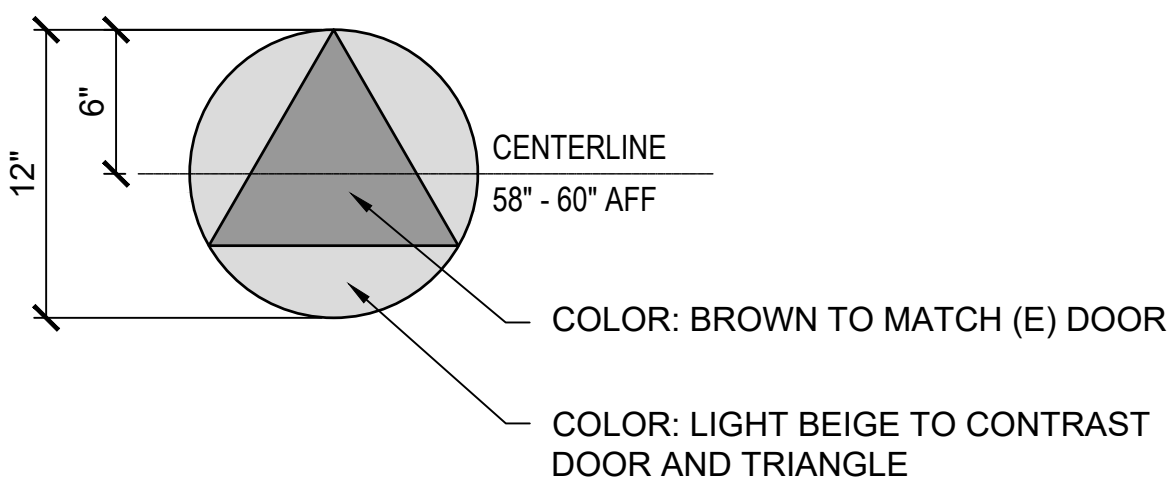
1 RESTROOM FIXTURE MOUNTING LOCATIONS
SCALE@22X34 1/2" = 1'-0"

- NOTES: ADJUST DOOR OPENING TO 5 LBS OF FORCE MAX
ADJUST DOOR CLOSER WHEN DOOR IS OPENED OF MIN 70° DOOR SHALL CLOSE A MIN TIME OF 1.5 SECONDS

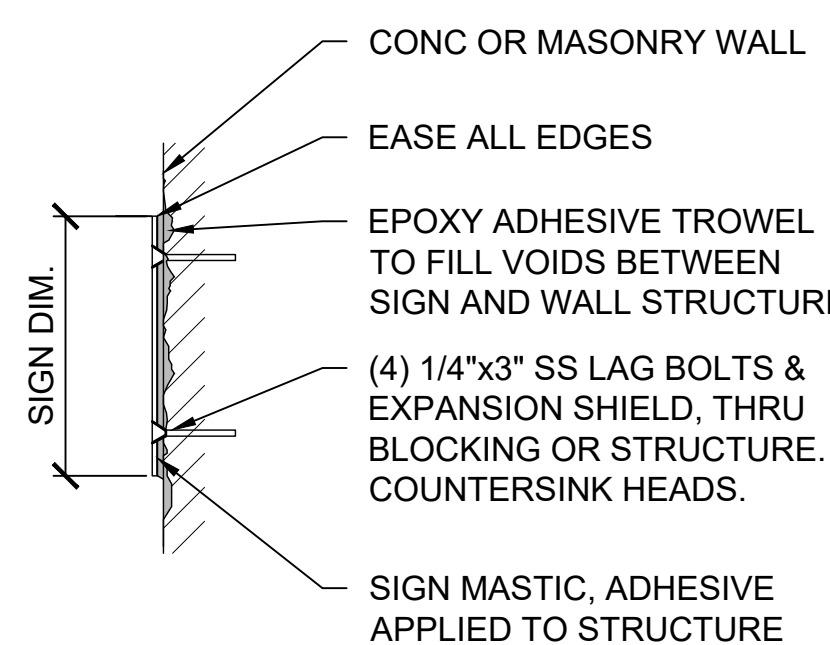


2 RESTROOM SIGN LOCATION
SCALE@22X34 1/2" = 1'-0"

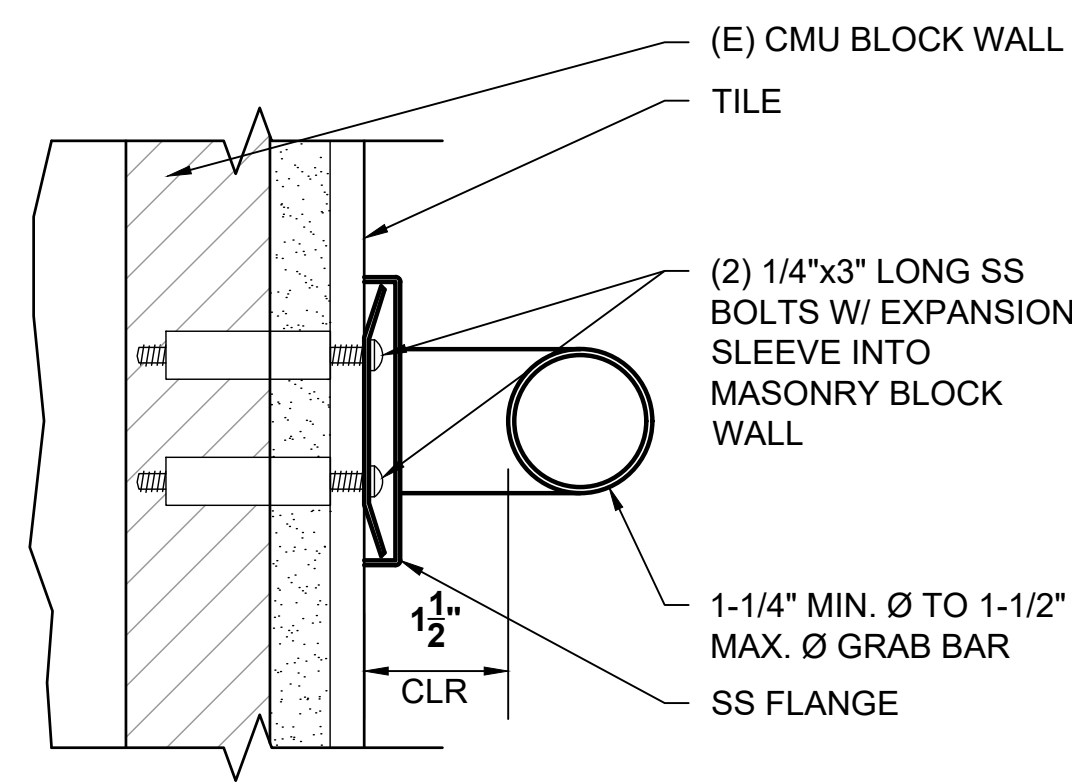
- NOTES:
- RESTROOM DOOR SIGNS: 1/4" THICK - SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. UNISEX CIRCLE SHALL COLOR CONTRAST WITH DOOR COLOR AND TRIANGLE COLOR, CONTRAST SHALL BE 70% MIN.
 - MOUNTED 58" - 60" AFF TO THE CENTER OF THE SIGN AND CENTERED ON THE DOOR
 - NO LETTERS OR CHARACTERS



3 RESTROOM DOOR SIGN
SCALE@22X34 1 1/2" = 1'-0"

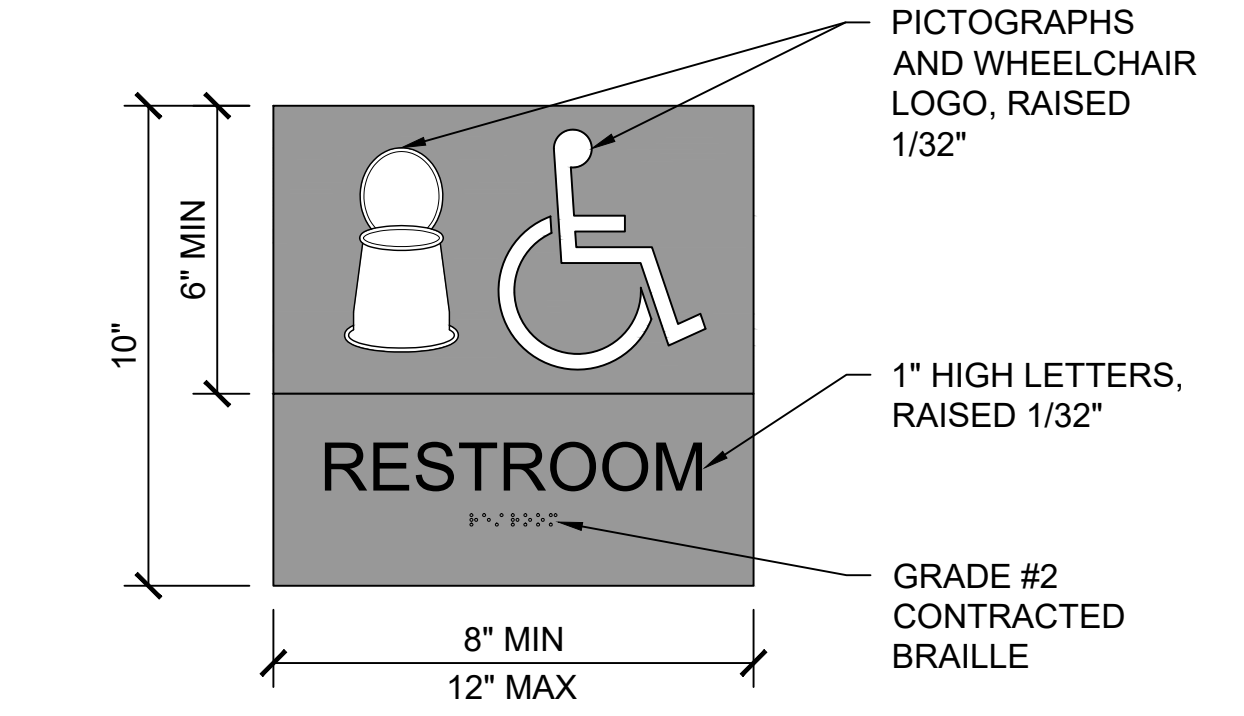
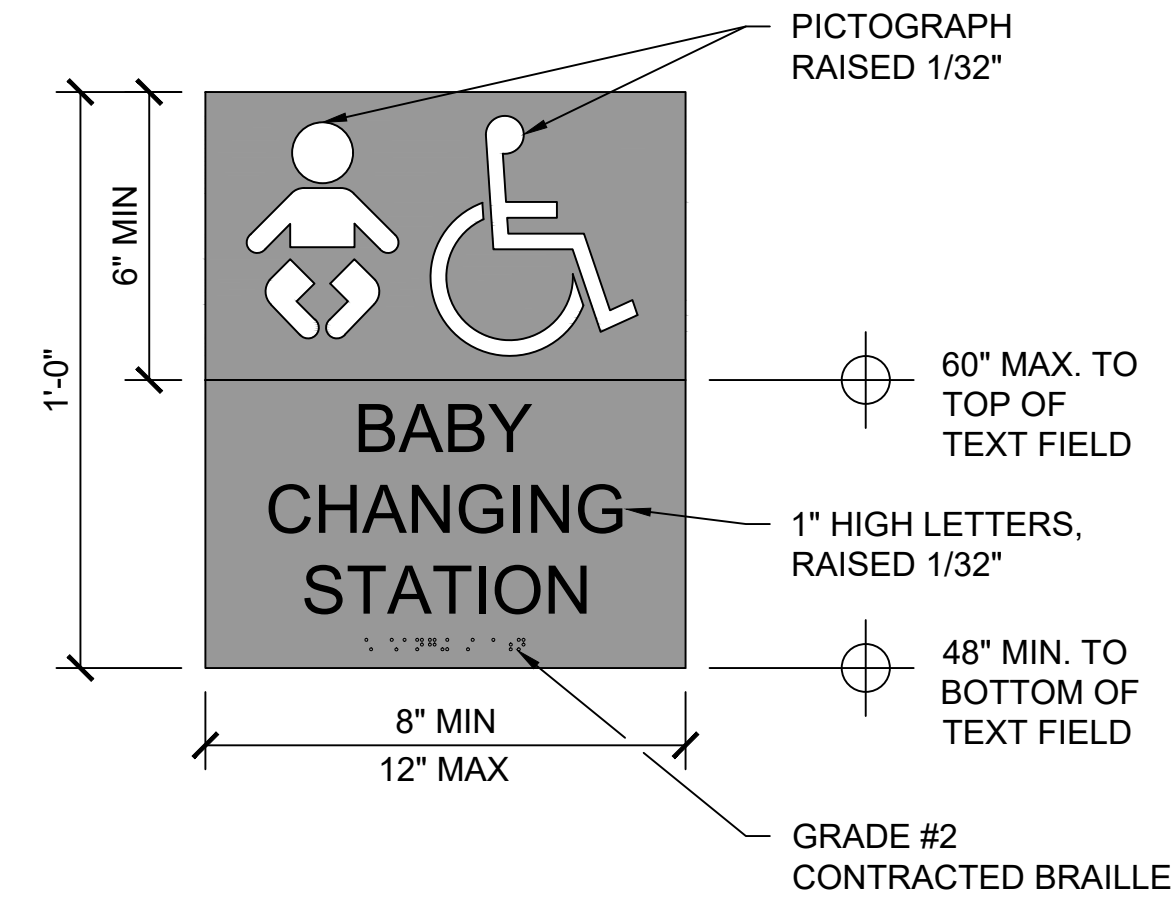


4 WALL SIGNS MOUNTING
SCALE@22X34 1 1/2" = 1'-0"



5 GRAB BAR MOUNTING
SCALE@22X34 6" = 1'-0"

- NOTES: ALL WALL & DOOR SIGNS: 1/4" THICK, SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. SYMBOLS AND LETTER SHALL CONTRAST AND BE SELECTED BY STATE REPRESENTATIVE FROM MANUFACTURERS FULL LINE OF COLOR OFFERINGS. UNO. COLOR SHALL BE THROUGH PRODUCT, NOT A COLOR SHEET APPLIED TO A TRANSPARENT OR TRANSLUCENT SHEET OF ACRYLIC. REFER TO 2022 CBC SECTION 11B.703 FOR FURTHER INFORMATION



6 RESTROOM WALL SIGNS
SCALE@22X34 3" = 1'-0"



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BEAN HOLLOW STATE BEACH
VAULT RESTROOM REPLACEMENT
RESTROOM DETAILS

206279.038

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C-35
038 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-35 RESTROOM DETAILS.dwg Layout: C-35 Restroom Dtl: Bean Hollow Date: October 30 2023 - 2:42 pm User: ile

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION FACILITIES AND DEVELOPMENT DIVISION

BURLEIGH H. MURRAY RANCH SP VAULT RESTROOM PLACEMENT

CSFM # 23-N-2335-C-NW



FACILITIES AND
DEVELOPMENT DIVISION

MAKE READY SITE AND INSTALL OF PRECAST CONCRETE VAULT RESTROOM. UPGRADE EXISTING PARKING TO MEET CURRENT ACCESSIBLE REQUIREMENTS. BARRIER REMOVAL AT PATH OF TRAVEL FROM PARKING TO RESTROOM AND ANY DAY-USE SITE AMENITIES ON THE PATH OF TRAVEL.

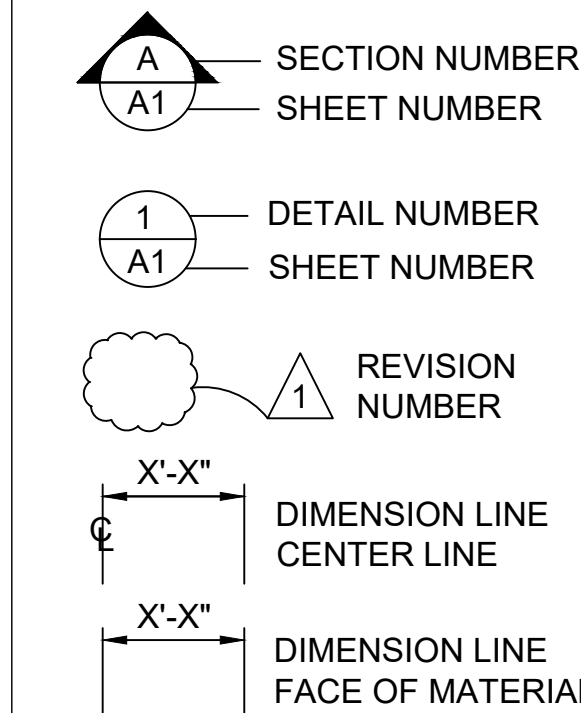
SCOPE OF WORK

- 1- ALL MATERIALS SHOWN OR NOTED ON THE PLANS ARE NEW UNLESS CALLED OUT OTHERWISE.
- 2- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS SHOWN OR DIMENSIONED HERE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STATE REPRESENTATIVE FOR RESOLUTION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- 3- ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE FOLLOWING LISTED CODES, AND ALL OTHERS HAVING JURISDICTION OVER THE WORK.
 - 2022 CA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
 - 2022 CA BUILDING CODE (CBC), VOLUMES 1 AND 2, PART 2, TITLE 24, C.C.R. (2018 INTERNATIONAL BUILDING CODE AND 2019 CA AMENDMENTS)
 - 2022 CA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2020 CA AMENDMENTS)
 - 2022 CA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2021 CA AMENDMENTS)
 - 2022 CA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R. (2021 UNIFORM PLUMBING CODE W/ 2021 CA AMENDMENTS)
 - 2022 CA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R. (2008 CA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)
 - 2022 CA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R. (2021 INTERNATIONAL FIRE CODE AND 2021 CA AMENDMENTS)
 - 2022 CA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.
 - 2022 CA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
 - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.
 - 2022 TITLE 19 C.C.R., PUBLIC SAFETY, DIVISION 1 STATE FIRE MARSHAL REGULATIONS.
- 4- CONDUCT ALL WORK IN ACCORDANCE WITH THE LATEST SAFETY RULES AND REGULATIONS OF ALL AUTHORITIES AND AGENCIES HAVING JURISDICTION OVER THE WORK.
- 5- ALL WORK SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. WHERE DETAILED INFORMATION OR CLARIFICATION IS REQUIRED, THE MATTER SHALL BE REFERRED TO THE STATE REPRESENTATIVE FOR WRITTEN RESOLUTION.
- 6- THE CONTRACTOR SHALL NOT SCALE THE DRAWINGS, BUT SHALL RELY ONLY ON THE WRITTEN DIMENSIONS GIVEN. IF A DISCREPANCY OCCURS OR NO DIMENSION IS GIVEN, THE CONTRACTOR SHALL NOTIFY THE STATE REPRESENTATIVE FOR WRITTEN CLARIFICATION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- 7- COMPLIANCE WITH ACCESSIBLE REGULATIONS FOR SLOPES AS STATED ON THE PLANS WILL BE VERIFIED BY THE STATE'S REPRESENTATIVE UTILIZING A 24 INCH DIGITAL LEVEL. THE 24 INCH DIGITAL LEVEL WILL BE SUPPLIED BY THE STATE AND WILL BE CALIBRATED BY THE STATE'S REPRESENTATIVE PRIOR TO THE TAKING OF ANY MEASUREMENTS. MEASUREMENTS WILL BE TAKEN IN ANY DIRECTION WITH THE 24" DIGITAL LEVEL AND MEASUREMENTS WILL VERIFY COMPLIANCE WITH SLOPES SPECIFIED ON THE PLANS. WORK THAT DOES NOT MEET THE REQUIREMENTS SHALL BE CONSIDERED NON-COMPLIANT AND WILL NOT BE ACCEPTED BY THE STATE. ANY AREA WHICH IS NON-COMPLIANT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

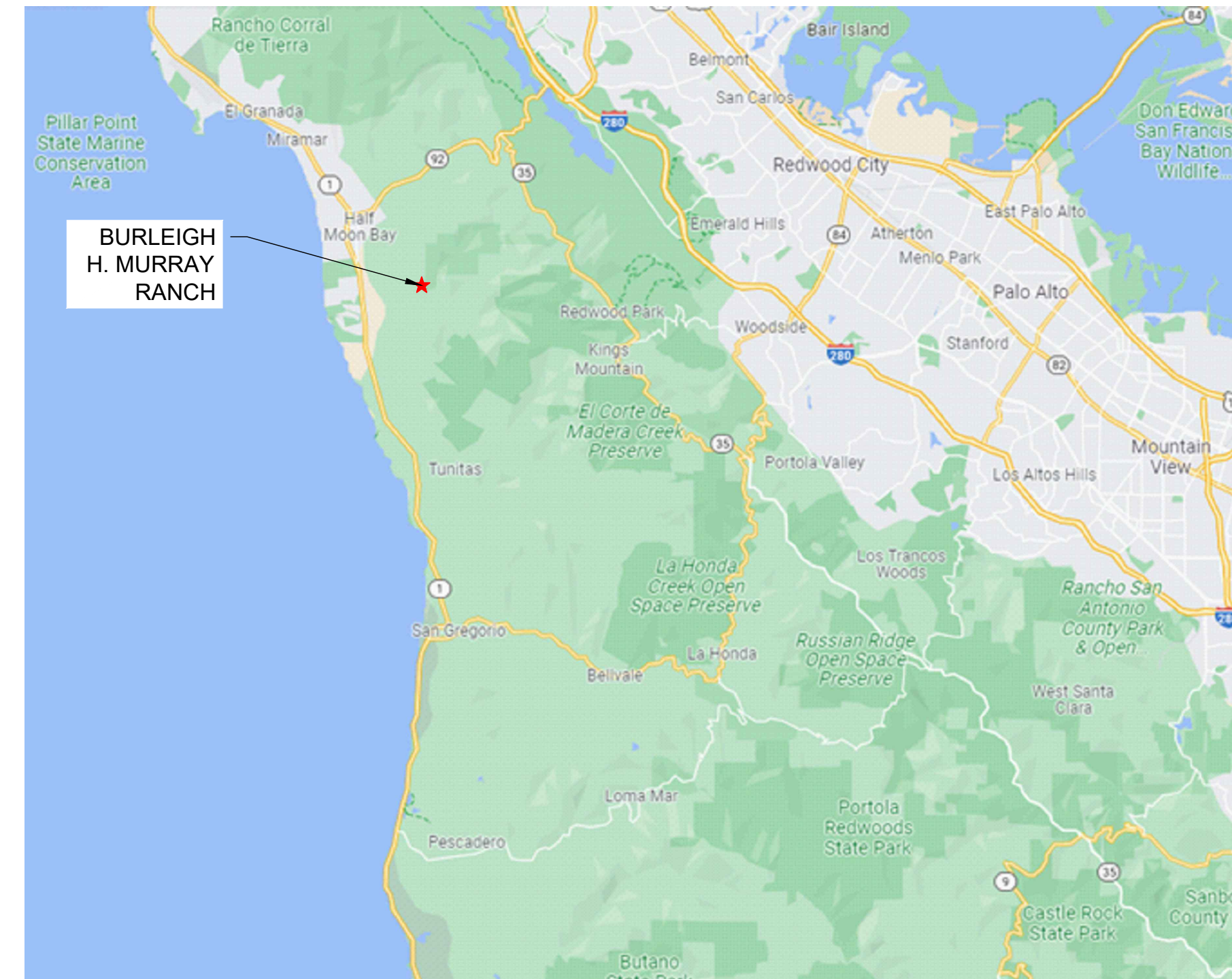
GENERAL NOTES

DEFERRED SUBMITTALS

SYMBOLS LEGEND



LOCAL FIRE AUTHORITY APPROVAL



VICINITY MAP



LOCATION MAP

SHEET INDEX		
PAGE	NO.	TITLE SHEET
001	G-1	COVER SHEET
002	G-2	GENERAL NOTES & ABBREVIATIONS
003	G-3	OVERALL SITE PLAN
004	C-1	EXISTING CONDITION & DEMO PLAN
005	C-2	PAVING, HORIZONTAL CONTROL & GRADING PLAN
025	C-22	GRADING & PAVING SECTIONS 1
031	C-28	ACCESSIBLE PARKING & CONCRETE JOINT DETAILS
032	C-29	SITE PAVING DETAILS
034	C-31	SITE DETAILS
036	C-33	PRECAST SINGLE VAULT RESTROOM BUILDING
038	C-35	RESTROOM DETAILS

SHEET INDEX

1	OCCUPANCY CLASSIFICATION	B
2	BUILDING CONSTRUCTION TYPE	I-B
3	NUMBER OF STORIES	1
4	ACTUAL BUILDING HEIGHT	11'-6"
5	BUILDING AREA IN SQUARE FEET	110 SF
6	AREA OF PROJECT IN SQUARE FEET	1,300 SF
7	SEPARATED OR NON-SEPARATED USE	NON-SEPARATED
8	ALLOWABLE AREA PER CBC	UL
9	AREA INCREASE	NO
10	HEIGHT INCREASE	NO
11	FIRE SPRINKLERS TYPE: (WET, DRY, PRE-ACTION OR DELUGE)	NO
12	FIRE ALARM TYPE: (MANUAL, AUTOMATIC, ETC)	NO
13	OTHER FIRE PROTECTION SYSTEMS, IF ANY	NO
14	SMOKE CONTROL SYSTEM	NO
15	OCCUPANT LOAD FOR ENTIRE BUILDING AND EACH FLOOR	1
16	YEAR BUILDING WAS CONSTRUCTED	NEW
17	IN A HIGH FIRE HAZARD SEVERITY ZONE?	YES

NOTE: BUILDING SHALL BE CBC CHAPTER 7A COMPLIANT. ALL ROOMS ARE SINGLE OCCUPANCY, BASED ON OCCUPANT LOAD OF 1 OCCUPANT PER 150 SQUARE FEET, AND EXIT DIRECTLY TO THE EXTERIOR.

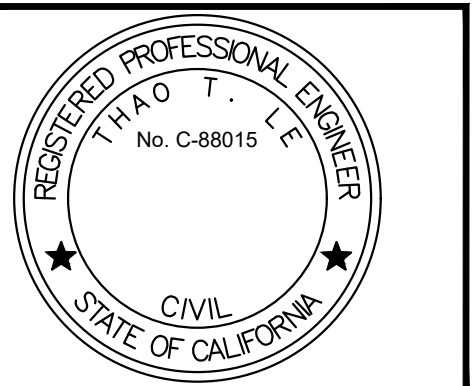
BUILDING CODE REVIEW

STATE OF CALIFORNIA
DEPARTMENT OF PARKS AND RECREATION
FACILITIES AND DEVELOPMENT DIVISION
NORTHERN SERVICE CENTER
2241 HARVARD STREET, SUITE 200
SACRAMENTO, CA 95815

PREPARED BY

SANTA CRUZ DISTRICTWIDE
305 HIGGINS CANYON RD, HALF MOON BAY, CA 94019
PARK SECTOR OFFICE: 95 KELLY AVENUE, HALF MOON BAY, CA 94019
SAN MATEO COUNTY

SITE ADDRESS



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by: _____ Date: _____
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DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

BURLEIGH H. MURRAY RANCH SP
VAULT RESTROOM PLACEMENT

COVER SHEET

206279.001

SHEET NO.

G-1

001 OF 038

CONCRETE

- STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH AS REQUIRED IN NOTE 24. MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.
- CONCRETE MIX DESIGNS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER, REVIEWED BY CONTRACTOR'S TESTING LABORATORY AND SUBMITTED TO THE STATE REPRESENTATIVE FOR REVIEW.
- CEMENTITIOUS MATERIALS:
CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II.
FLY ASH SHALL CONFORM TO ASTM C-618. MAXIMUM QUANTIFY OF FLY ASH SHALL BE AS GIVEN IN SPECS (15% MAXIMUM UNO).
- CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE AND ASTM C-330 FOR LIGHTWEIGHT CONCRETE.
- NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREMIXED NONMETALLIC FORMULA.
- REINFORCING BARS SHALL CONFORM TO ASTM D7957 / D7957M-17 FOR #3 AND LARGER. CONTRACTOR SHALL SUBMIT REBAR MANUFACTURER CERTIFICATES.
- REINFORCING BARS SHALL BE INSTALLED ACCORDING TO ACI 440.1-15 "GUIDE FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL CONCRETE REINFORCED WITH FIBER-REINFORCED POLYMER BARS AND ACI 440.5-08 "SPECIFICATION FOR CONSTRUCTION WITH FIBER-REINFORCED POLYMER REINFORCING BAR."
- DIMENSION SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS LISTED AND DENOTE CLEAR COVERAGE. NON-PRESTRESSED, CAST-IN-PLACE CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO:
CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) _____ 3"
CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS:
#5 AND SMALLER _____ 1-1/2"
#6 AND LARGER _____ 2"
SLABS (ON FORMS) _____ 3/4"
SLABS (ON GROUND) _____ 2" CLEAR FROM TOP UNO
- SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED UNO, SEE SCHEDULE THIS SHEET. SPLICES IN ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLICE CONTINUOUS BARS IN SOIL-BEARING GRADE BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIONS AS FOLLOWS UNO: TOP BARS AT CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLICE CONTINUOUS BARS IN ELEVATED SLABS AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE OF SUPPORT. SPLICES IN WWF SHALL BE 1-1/2" MESHES WIDE.
- THE MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN THE LARGER OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM AGGREGATE SIZE (NOMINAL), WHICHEVER IS GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR SPACING BETWEEN DIFFERENT LAYERS OF PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A CONTACT LAP SPLICE AND ADJACENT SPLICES OR BARS.
- ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED. AT WALLS, PROVIDE HOOKS AT ENDS OF ALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS, UNO.
- CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SAND BLASTING, OR RAKING THE SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
- REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE.
- ANCHOR BOLTS (AB'S) CAST IN CONCRETE OR MASONRY FOR WALL SILL AND LEDGER / APPLICATIONS SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM A307, UNO. REFER TO "WOOD" NOTES FOR ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH PRESSURE TREATED OR FIRE RETARDANT MATERIAL. REFER TO 'STRUCTURAL STEEL' NOTE FOR REQUIREMENTS FOR ANCHOR RODS (AR'S) CAST IN CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED APPLICATIONS.
- DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMN FROM FOUNDATION WITH SAME SIZE BAR.
- CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING BARS (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES HOPPER AND CHUTES OR TRUNKS OF VARIABLE LENGTHS SHALL BE USED SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 6 FEET.
- DRILL THROUGH STEEL COLUMNS, BEAMS AND PLATES TO PASS CONTINUOUS REINFORCING.
- NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
- PROVIDE #5 x 4'-0" DIAGONAL REINFORCING AT TOP AND BOTTOM OF SLAB AT ALL RE-ENTRANT CORNERS TYPICAL. THIS APPLIES TO SLAB ON GRADE, CONCRETE OVER METAL DECK, AND ELEVATED STRUCTURAL SLAB CONDITIONS.
- ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR DAMAGE.
- BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED.
- NOTIFY STATE REPRESENTATIVE A MINIMUM OF 48 HOURS BEFORE PLACING ANY CONCRETE.
- CONCRETE STRENGTHS & MIX PROPERTIES:

ITEM	F'C @ 28 DAYS	MAX. AGGR. SIZE	WEIGHT	MAX W/CM*
A. FOUNDATIONS	3500 PSI	1-1/2"	NW	0.45
B. SLAB ON GRADE	4000 PSI	1"	NW	0.45
C. SITE AND MISCELLANEOUS	3500 PSI	1"	NW	0.45

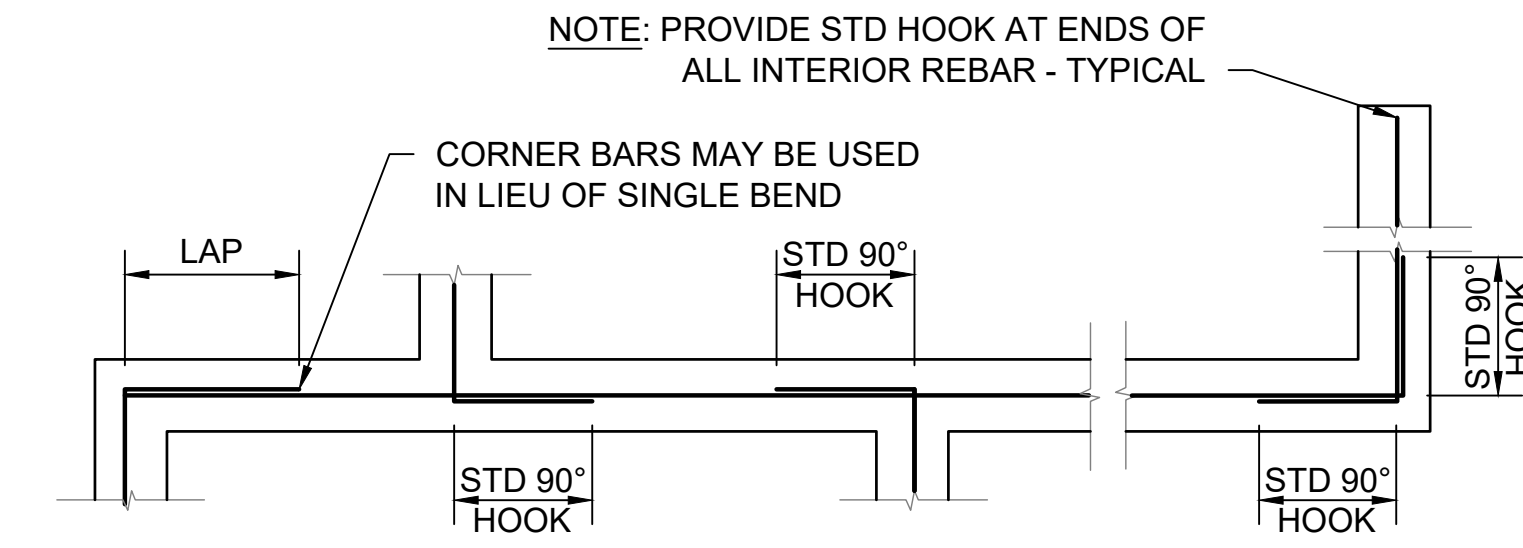
* W/CM = WATER : CEMENTITIOUS MATERIAL RATIO

REINFORCEMENT LAP SPLICE SCHEDULE:

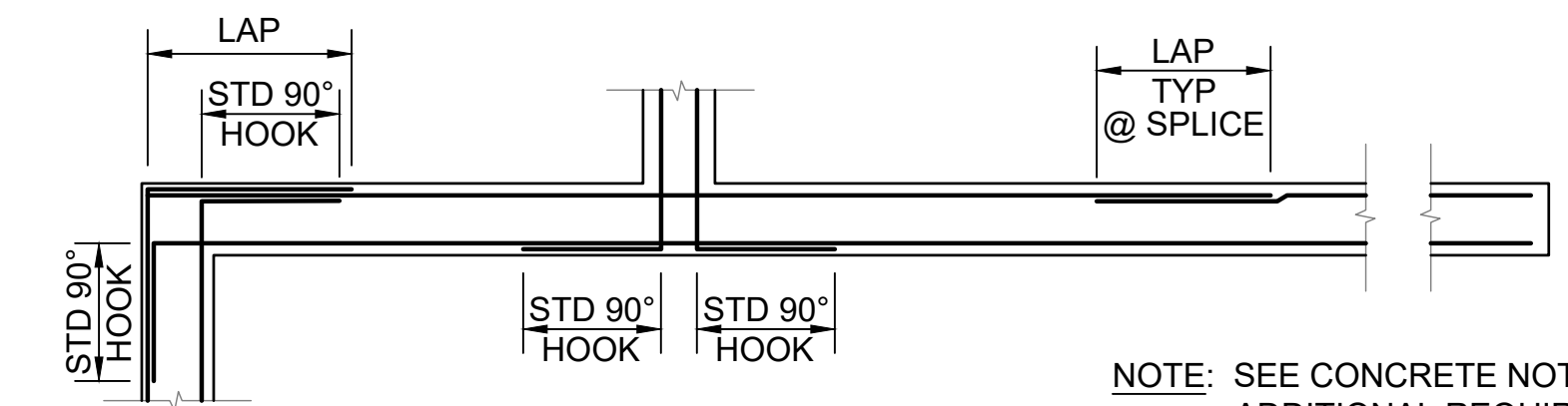
F'c = 3500 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	18	35	43	52	75	86	97	109	121
	OTHER	14	27	33	40	58	66	75	84	93
F'c = 4000 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	17	32	40	48	70	80	91	102	113
	OTHER	13	25	31	37	54	62	70	79	87

(ALL LENGTHS SHOWN ARE IN INCHES) ACI 318 2009 IBC 2016 CBC

- SCHEDULE APPLIES TO NORMAL WEIGHT CONCRETE WITH UNCOATED, GRADE 60 REINFORCING BARS FOR #4 BARS AND LARGER (VALUES FOR #3 BARS BASED ON GRADE 40).
- TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT LOCATED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.
- WHEN LIGHTWEIGHT CONCRETE IS USED, MULTIPLY LAP LENGTHS BY 1.30.
- WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR DIA. OR WHERE CLEAR COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIA., MULTIPLY LAP LENGTHS BY 1.50, UNO.
- WHERE NOTES #3 AND #4 OCCUR, MULTIPLY LAP LENGTHS BY 2.00, UNO.
- WHERE CLASS A LAP SPLICE IS NOTED IN DETAIL, DIVIDE LENGTH ABOVE BY 1.30.

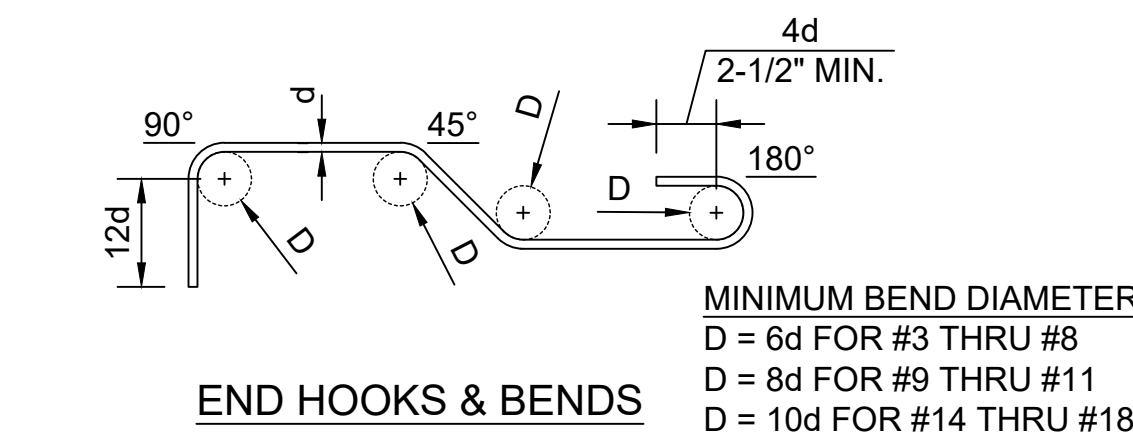


SINGLE LAYER BARS



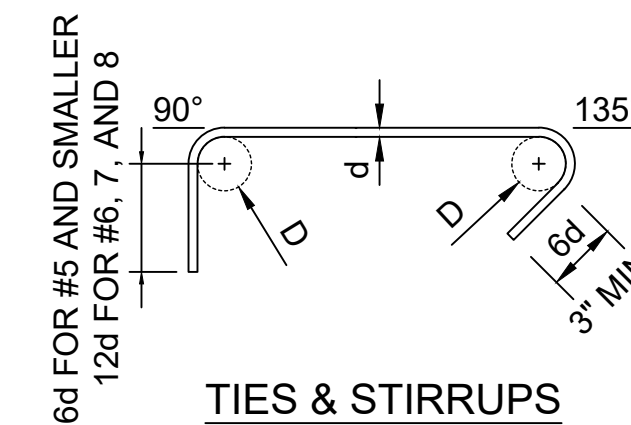
DOUBLE LAYER BARS

1 CORNER REINFORCING AT CONCRETE FOOTINGS
SCALE@22X34 3/8" = 1'-0"



END HOOKS & BENDS

MINIMUM BEND DIAMETER:
D = 6d FOR #3 THRU #8
D = 8d FOR #9 THRU #11
D = 10d FOR #14 THRU #18



TIES & STIRRUPS

NOTE:
ALL HOOKS SHALL BE 90° OR 180° STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED.
MINIMUM BEND DIAMETER:
D = 4d FOR #3 THRU #5
D = 6d FOR #6 THRU #8

2 STANDARD REBAR HOOKS & BENDS
SCALE@22X34 1 1/2" = 1'-0"

ABBREVIATIONS

'	FEET	Ø, D OR DIA	DIAMETER	H	HEIGHT	RC	RELATIVE COMPACTION
" OR IN	INCHES	D	DEPTH	HDG	HOT DIP GALVANIZE	RSP	ROCK SLOPE PROTECTION
&	AND	DBH	DIAMETER AT BREAST HEIGHT	HMA	HOT MIX ASPHALT	S	SOUTH
#	NUMBER OR POUNDS	DI	DRAINAGE INLET, DROP INLET	HOR	HORIZONTAL	S=	SLOPE
(E)	EXISTING	DIAG	DIAGONAL	HW	HEAD WALL	SCD	SEAT COVER DISPENSER
(N)	NEW	DIM	DIMENSION	ID	INSIDE DIAMETER	SCH	SCHEDULE
@	AT	DG	DECOMPOSED GRANITE	IE	INVERT ELEVATION	SCO	SANITARY CLEAN OUT
AB	AGGREGATE BASE	DTL	DETAIL	L	LENGTH	SD	SOAP DISPENSOR
AC	ASPHALTIC CONCRETE	DWG	DRAWING	LAV	LAVATORY	SF	SQUARE FEET
ADA	AMERICAN DISABILITIES ACT	E	EAST	LF	LINEAR FEET	SND	SANITARY NAPKIN DISPOSAL
ADJ	ADJUSTABLE	EA	EACH	LS	LANDSCAPE	SPEC'S	SPECIFICATIONS
AFF	ABOVE FINISH FLOOR	EF	EACH FACE	LVR	LOUVER	SQ	SQUARE
APPROX	APPROXIMATE	EG	EXISTING GRADE ELEVATION	MAX	MAXIMUM	SS	STAINLESS STEEL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	ELV	ELEVATION	MFR	MANUFACTURER	STA	STATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	EOG	EDGE OF GUTTER	MIN	MINIMUM	STD	STANDARD
AWS	AMERICAN WELDING SOCIETY	EP	EDGE OF PAVEMENT	MISC	MISCELLANEOUS	TC	TOP OF CURB ELEVATION
BC	BOTTOM OF CURB ELEVATION	EQ	EQUAL	N	NORTH	TD	TRENCH DRAIN
BLDG	BUILDING	(E)P	EXISTING PAVEMENT ELEVATION	N/A	NOT APPLICABLE	TPD	TOILET PAPER DISPENSER
B.O.	BOTTOM OF	(E)S	EXISTING STAIR ELEVATION	NPT	NATIONAL PIPE TAPER	T.O.	TOP OF
BW	BOTTOM OF WALL ELEVATION	(E)TC	EXISTING TOP OF CURB ELEVATION	NTS	NOT TO SCALE	TW	TOP OF WALL ELEVATION
CL	CENTERLINE	EV	ELECTRONIC VEHICLE	NW	NORMAL WEIGHT	TYP	TYPICAL
C	CONCRETE ELEVATION	EW	EACH WAY	OC	ON CENTER	UL	UNLIMITED
CBC	CALIFORNIA BUILDING CODE	EXP	EXPANSION	OD	OUTSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE
CIP	CAST-IN-PLACE	FF	FINISH FLOOR ELEVATION	P	PAVEMENT ELEVATION	UTIL	UTILITY
CLR	CLEAR	FG	FINISH GRADE	PCC	PORTLAND CEMENT CONCRETE	VIF	VERIFY IN FIELD
CO	CLEAN OUT	FL	FLOW LINE	PT	POINT	W	WATER, WEST, WIDTH
CONC	CONCRETE	FOF	FACE OF FINISH	PTD	PAPER TOWER DISPENSER	WWF	WELDED WIRE FABRIC
CONT	CONTINUOUS	GALV	GALVANIZED	PVC	POLYVINYL CHLORIDE	W/	WITH
CP	CONTROL POINT	GB	GRADE BREAK	R	RADIUS		



FACILITIES AND DEVELOPMENT DIVISION



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DRAWN: _____ TL
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DATE: _____ OCTOBER 2023

REVISIONS	DATE

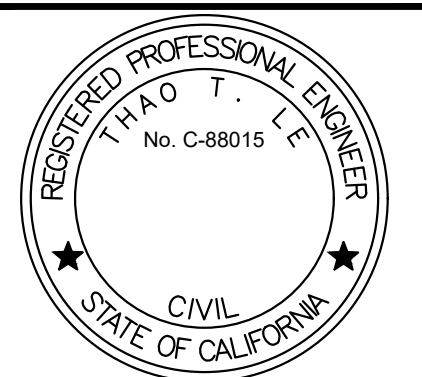
BURLEIGH H. MURRAY RANCH SP
VAULT RESTROOM PLACEMENT
GENERAL NOTES & ABBREVIATIONS

206279.002

SHEET NO.
G-2
002 OF 038



FACILITIES AND DEVELOPMENT DIVISION



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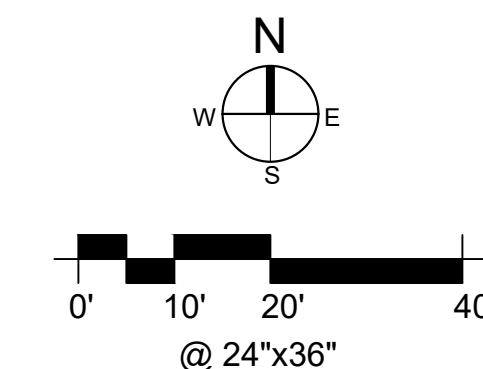
△	REVISIONS	DATE

BURLEIGH H. MURRAY SP
VAULT RESTROOM REPLACEMENT
OVER ALL SITE PLAN

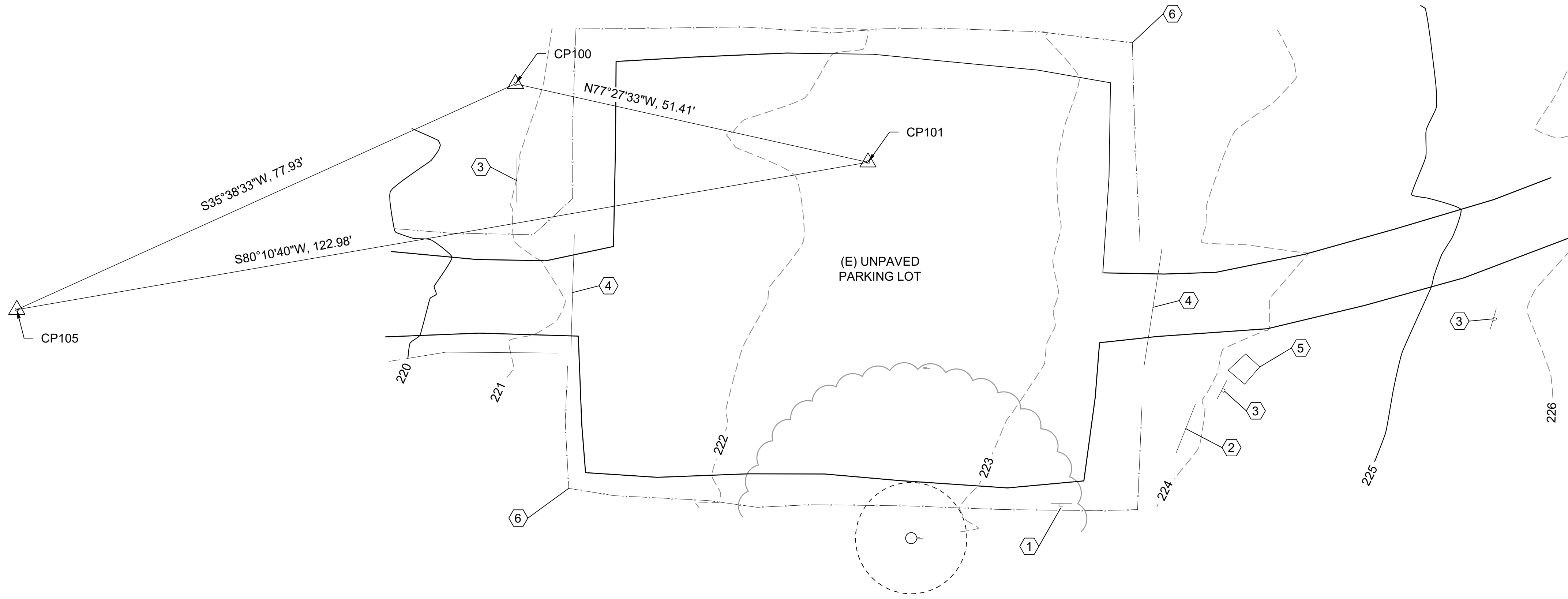
206279.003

SHEET NO.

G-3
003 OF 038



File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-1_EXISTING & DEMO PLAN - BURLEIGH H. MURRAY RANCH.dwg Layout: C-1 Existing & Demo Plan_BM Date: October 30 2023 - 12:53 pm User: ile



DEMOLITION CONSTRUCTION NOTES

- ① REMOVE & DISPOSE (E) ACCESSIBLE SIGN
- ② (E) PARK INFORMATION TO REMAIN
- ③ (E) PARK SIGN TO REMAIN
- ④ (E) GATE TO REMAIN
- ⑤ (E) TRASH CONTAINERS TO REMAIN
- ⑥ (E) SPLIT RAIL FENCE TO REMAIN

LEGEND

- x — SPLIT RAIL FENCE
- △ SURVEY CONTROL POINT
- TREE PROTECTION ZONE

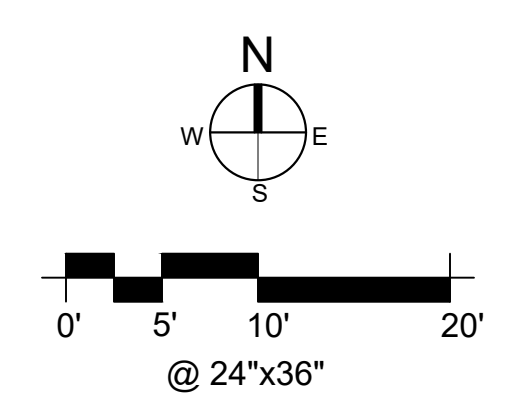
SURVEY CONTROL POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1990095.80'	6009261.01'	220.60'	SET 5/8" REBAR W/ CAP PARKS CAP
CP101	1990084.64'	6009311.19'	222.10'	SET 60D SHINER
CP105	1990063.66'	6009190.01'	216.80'	SET MAG NAIL SHINER

GENERAL NOTES:

- 1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



DPR ACCESS COMPLIANCE REVIEW
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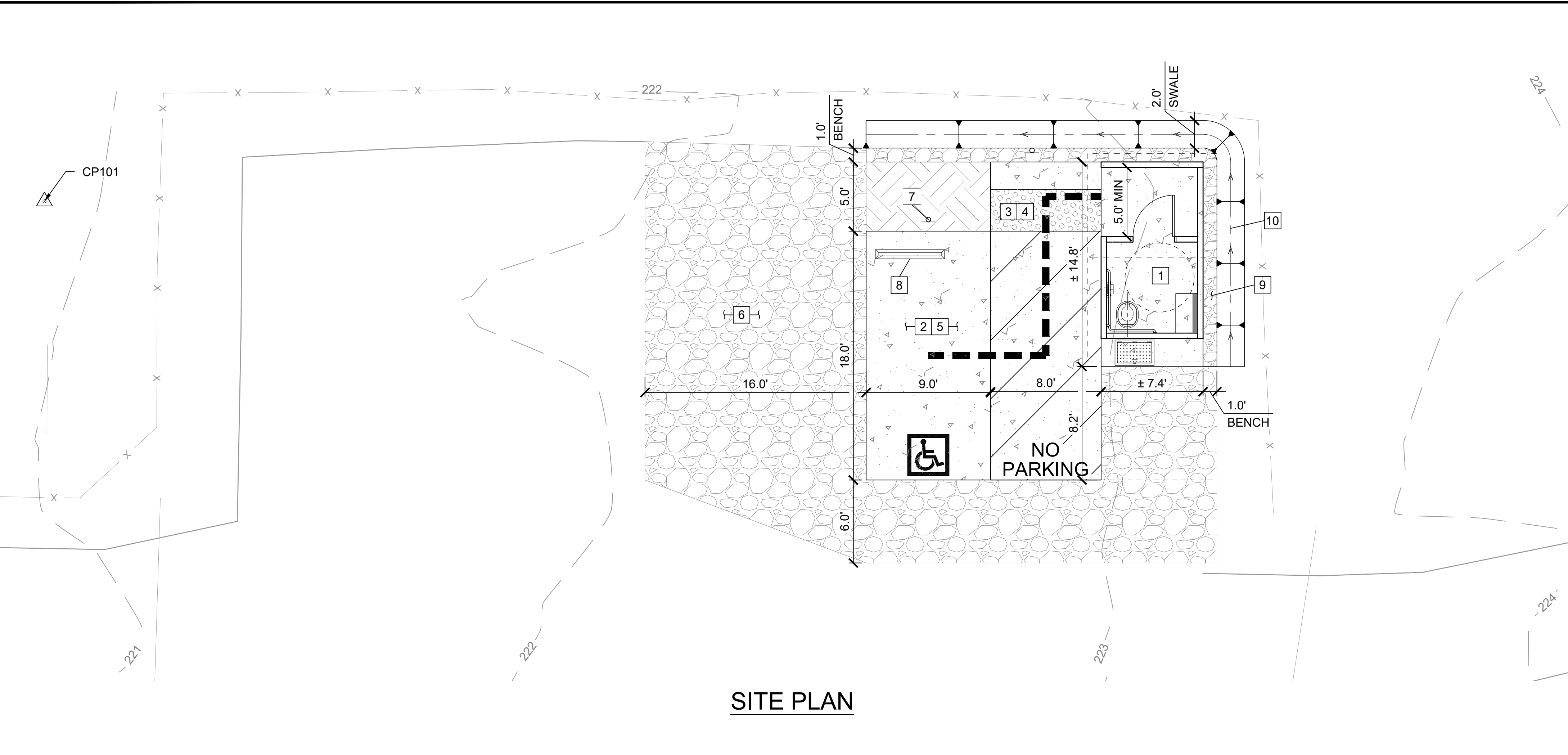
△	REVISIONS	DATE

BURLEIGH H. MURRAY RANCH SP
 VAULT RESTROOM PLACEMENT
EXISTING CONDITION & DEMO PLAN

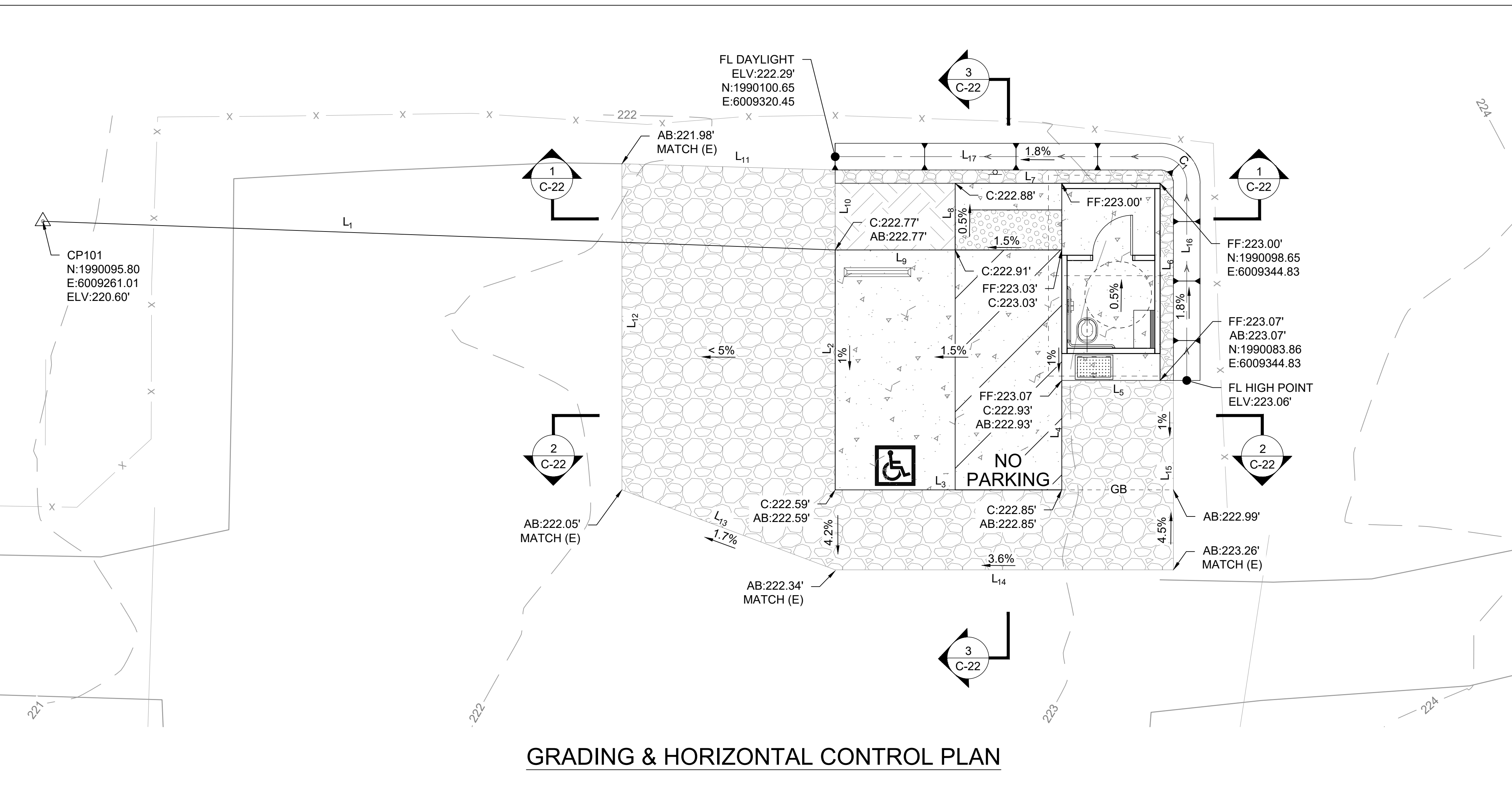
206279.004

SHEET NO.
C-1
004 OF 038

File: Q:\santa_cruz_districtwide\206279-sam_mateo_coast_tr_replace\05_drawings\Civil\C-2 GRADING & HORIZONTAL CONTROL PLAN - BURLEIGH H. MURRAY RANCH.dwg Layout: C-2 Grading & HC Plan_BM Date: October 30 2023 - 12:54 pm User: tie



SITE PLAN



GRADING & HORIZONTAL CONTROL PLAN

PAVING CONSTRUCTION NOTES

- 1 INSTALL A SINGLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON C-33, REFER TO DTL 1 ON C-22
- 2 CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-29, REFER TO DTL 2, 3 ON C-22, 1.8% MAX SLOPE ANY DIRECTION
- 3 CONSTRUCT 5" PCC ON 12" CLASS 2 AB CONC SIDEWALK PER DTL 2 ON C-29, REFER TO DTL 1, 3 ON C-22; LANDING 1.6% MAX SLOPE ANY DIRECTION
- 4 INSTALL 3'Dx8"W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-28 & REFER TO DTL 1, 3 ON C-22
- 5 INSTALL VAN ACCESSIBLE PARKING STALL PER DTL 1 ON C-28
- 6 INSTALL (N) 20" OF CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X OR EQUAL) TRANSITION TO (E) ROAD PER DTL 9 ON C-29
- 7 INSTALL ACCESSIBLE PARKING SIGNAGE AND POST PER DTL 2 ON C-28
- 8 INSTALL WHEEL STOP PER DTL 9 ON C-28
- 9 INSTALL 6" OF AGGREGATE BASE FOR 1-FT BENCH PER DTL 13 ON C-29, REFER TO DTL 1, 3 ON C-22
- 10 CONSTRUCT SWALE PER DTL 4 ON C-31, REFER TO DTL 1 & 3 ON C-22

LEGEND

- (N) CONCRETE
- (N) AGGREGATE PAVING
- (N) TRUNCATED DOME
- CUT/FILL SOIL
- SURVEY CONTROL POINT
- (E) SPLIT RAIL FENCE
- ACCESSIBLE PATH OF TRAVEL

LINE TABLE

LINE	LENGTH	BEARING
L ₁	59.48'	S87°55'31"E
L ₂	18.00'	S00°00'00"W
L ₃	17.00'	N90°00'00"E
L ₄	8.21'	N00°00'00"E
L ₅	7.37'	N90°00'00"E
L ₆	14.79'	N00°00'00"E
L ₇	15.37'	N90°00'00"W
L ₈	5.00'	S00°00'00"W
L ₉	9.00'	N90°00'00"W
L ₁₀	6.00'	N00°00'00"E
L ₁₁	16.10'	N88°19'35"E
L ₁₂	24.47'	S00°00'00"W
L ₁₃	17.09'	S69°26'38"E
L ₁₄	25.38'	S90°00'00"E
L ₁₅	14.21'	N00°00'00"E
L ₁₆	14.79'	N00°00'00"E
L ₁₇	24.37'	N90°00'00"W

CURVE TABLE

CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C ₁	90°00'00"	2.00'	3.14'	2.00'	2.83'

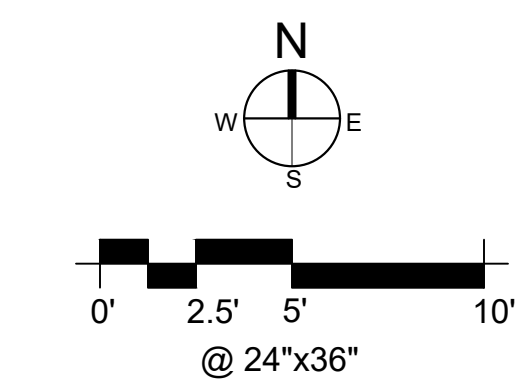
GENERAL NOTES:

1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



1-800-642-244
CALL BEFORE YOU DIG



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
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CERTIFICATION #
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DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

BURLEIGH H. MURRAY RANCH SP
VAULT RESTROOM PLACEMENT
PAVING, HORIZONTAL CONTROL & GRADING PLAN

206279.005

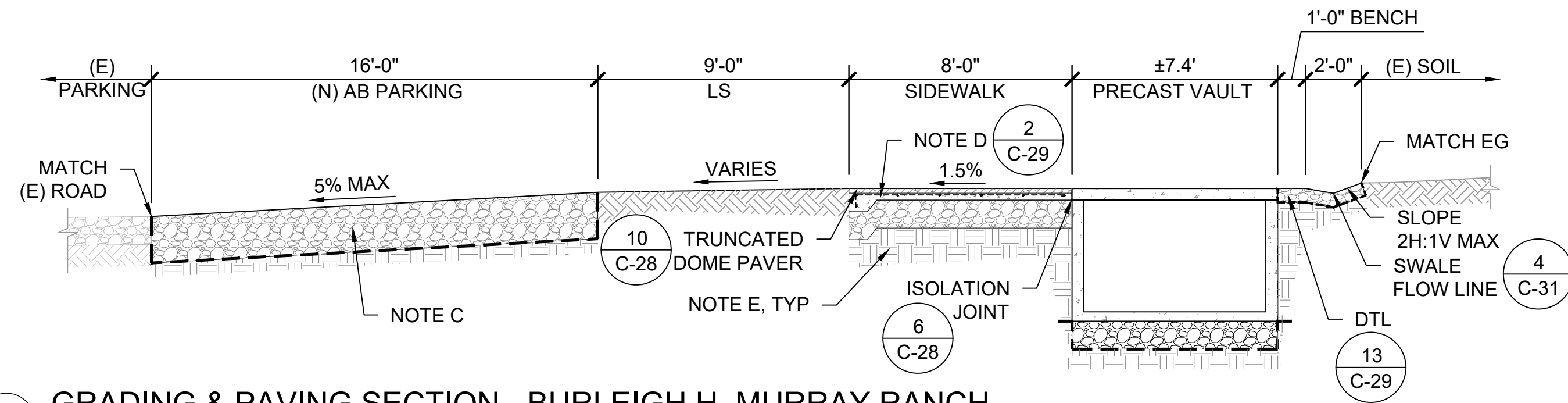
SHEET NO.

C-2

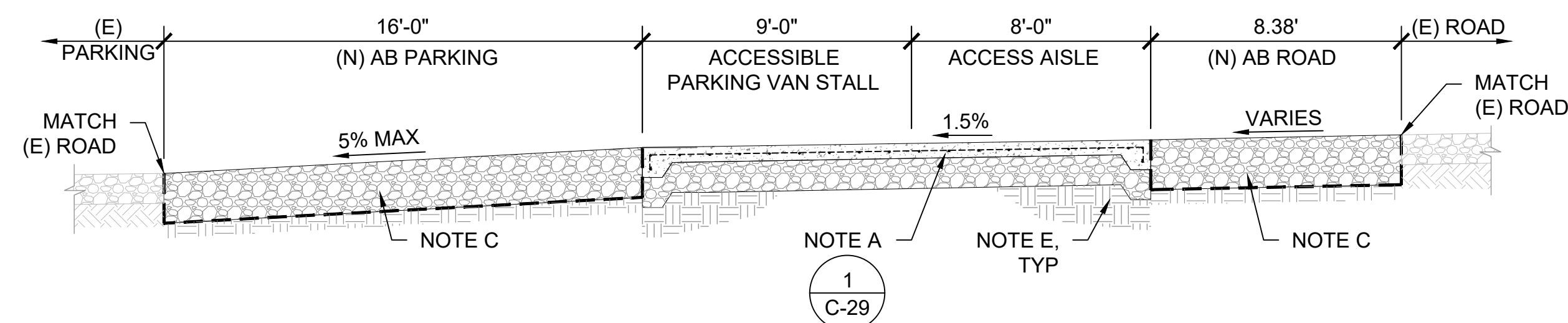
005 OF 038



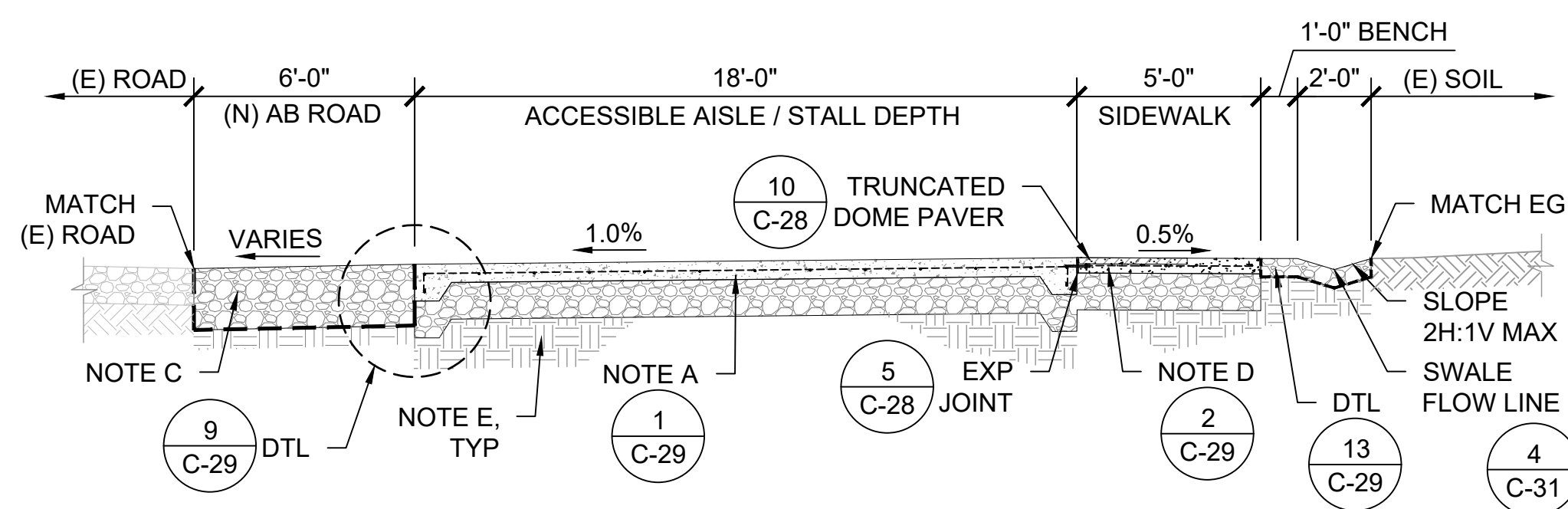
FACILITIES AND DEVELOPMENT DIVISION



1 GRADING & PAVING SECTION - BURLEIGH H. MURRAY RANCH
SCALE@22X34 1/4" = 1'-0"



2 GRADING & PAVING SECTION - BURLEIGH H. MURRAY RANCH
SCALE@22X34 1/4" = 1'-0"



3 GRADING & PAVING SECTION - BURLEIGH H. MURRAY RANCH
SCALE@22X34 1/4" = 1'-0"

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- D. 5" PCC ON CLASS 2 AB, PER GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-29, REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-29.
- F. 6" AGGREGATE PAVING ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
- G. GRADING PER PLAN SHEET C-2 THROUGH C-21
- H. SOIL CONDITIONS VARY AT EACH SITE LOCATION, SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
- PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
- CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
- SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022 AND REVISED JANUARY 5, 2023



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
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DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
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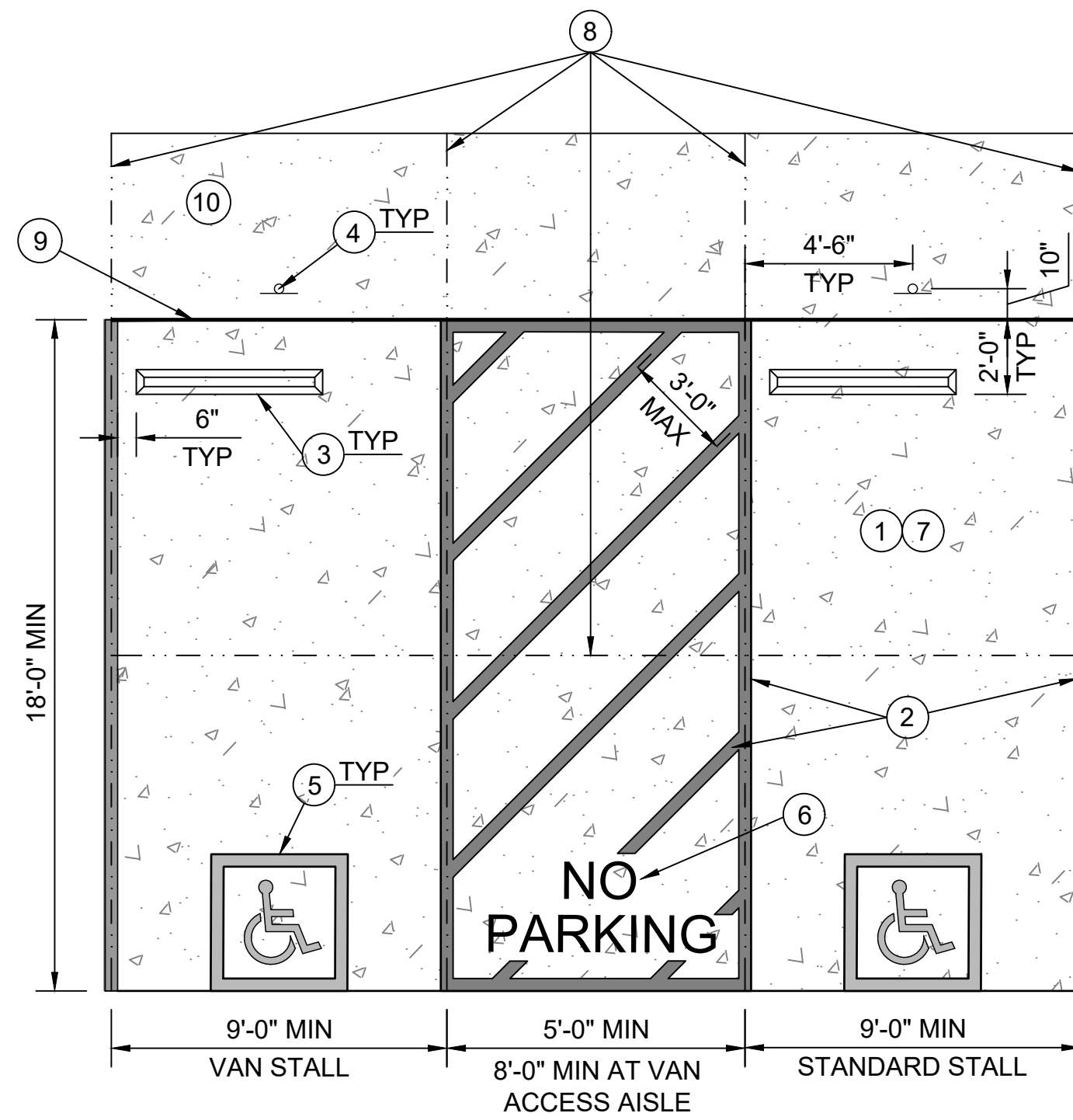
REVISIONS	DATE

BURLEIGH H. MURRAY RANCH SP
VAULT RESTROOM PLACEMENT
GRADING & PAVING SECTIONS 1

206279.025
SHEET NO.
C-22
025 OF 038

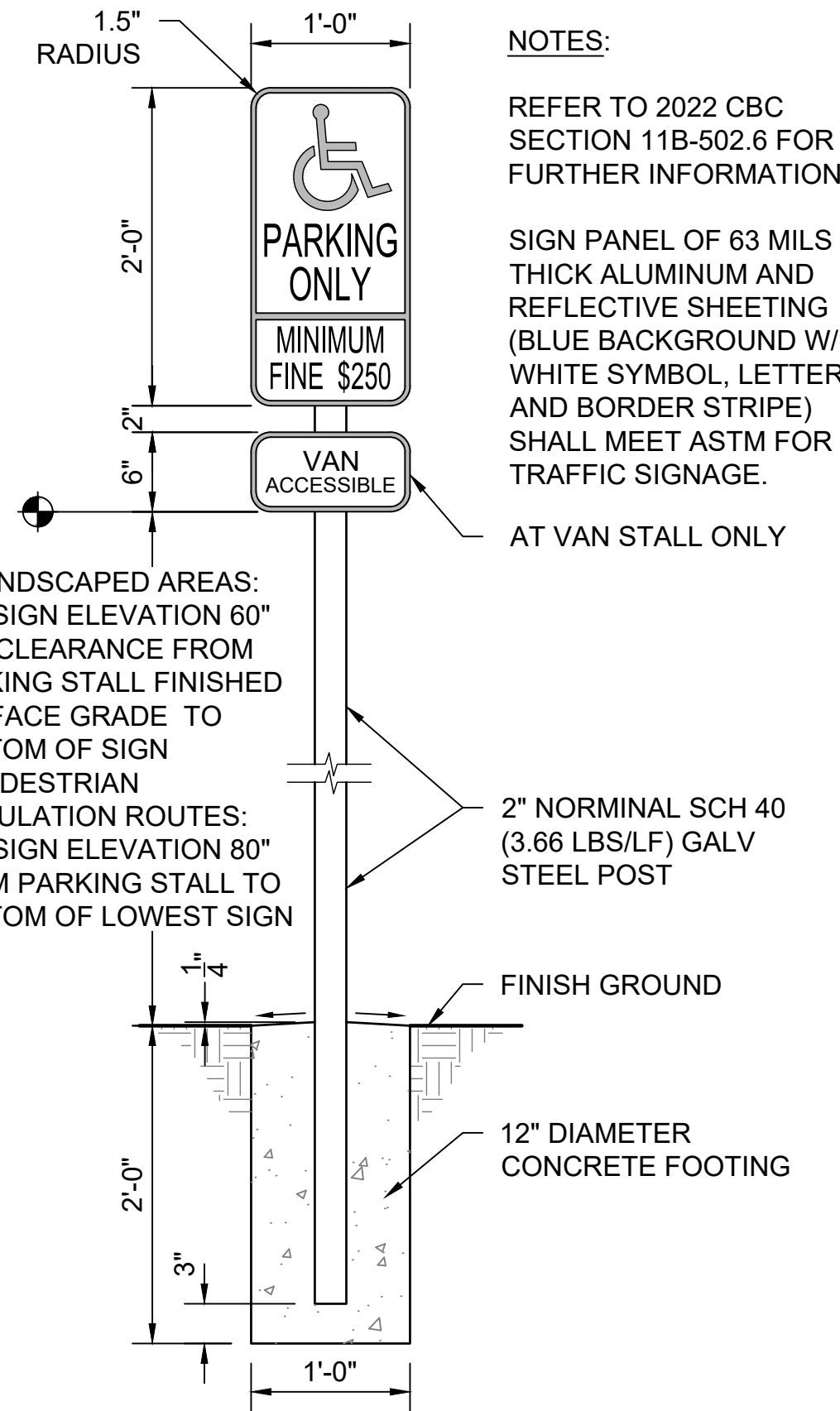
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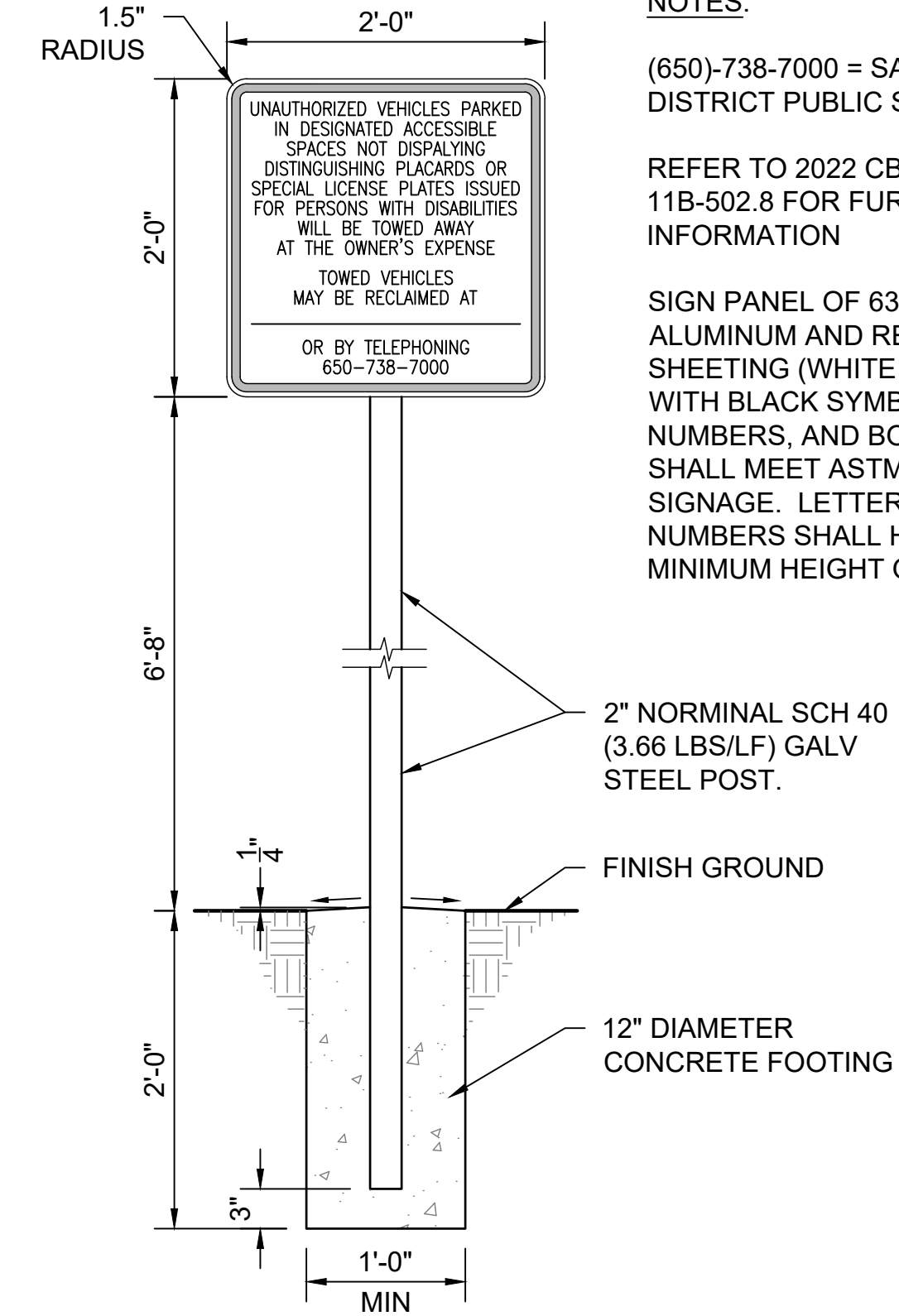


- NOTES:**
1. PARKING PAD TO BE CIP CONC PER DETAIL 1 ON SHEET C-29
 2. 4" WIDE PAINTED BLUE LINES, TYP 45 DEGREE LINES SHALL BE 36" MAX OC
 3. INSTALL CONC WHEEL STOPS PER DETAIL 9 ON THIS SHEET
 4. INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 2 ON THIS SHEET
 5. INSTALL ACCESSIBLE SYMBOL PER DETAIL 4 ON THIS SHEET
 6. "NO PARKING" TEXT SHALL BE PAINTED ON THE GROUND IN WHITE PAINT NO LESS THAN 12 INCHES PER CBC SECTION 11B.502.3.3 "MARKING"
 7. ACCESSIBLE PARKING STALLS TO HAVE A MAX 1.8% SLOPE IN ANY DIRECTION, REFER TO 2022 CBC SECTION 11B-502 FOR FURTHER INFORMATION.
 8. CONTRACTION JOINTS PLACED IN SAME LOCATION AS PARKING STALL JOINTS, AND PLACED AT MIDWAY OF STALL, PER DETAIL 7 ON THIS SHEET
 9. EXPANSION JOINT PER DETAIL 5 ON THIS SHEET
 10. SIDE WALK TO BE CIP CONC PER DETAIL 2 ON SHEET C-29

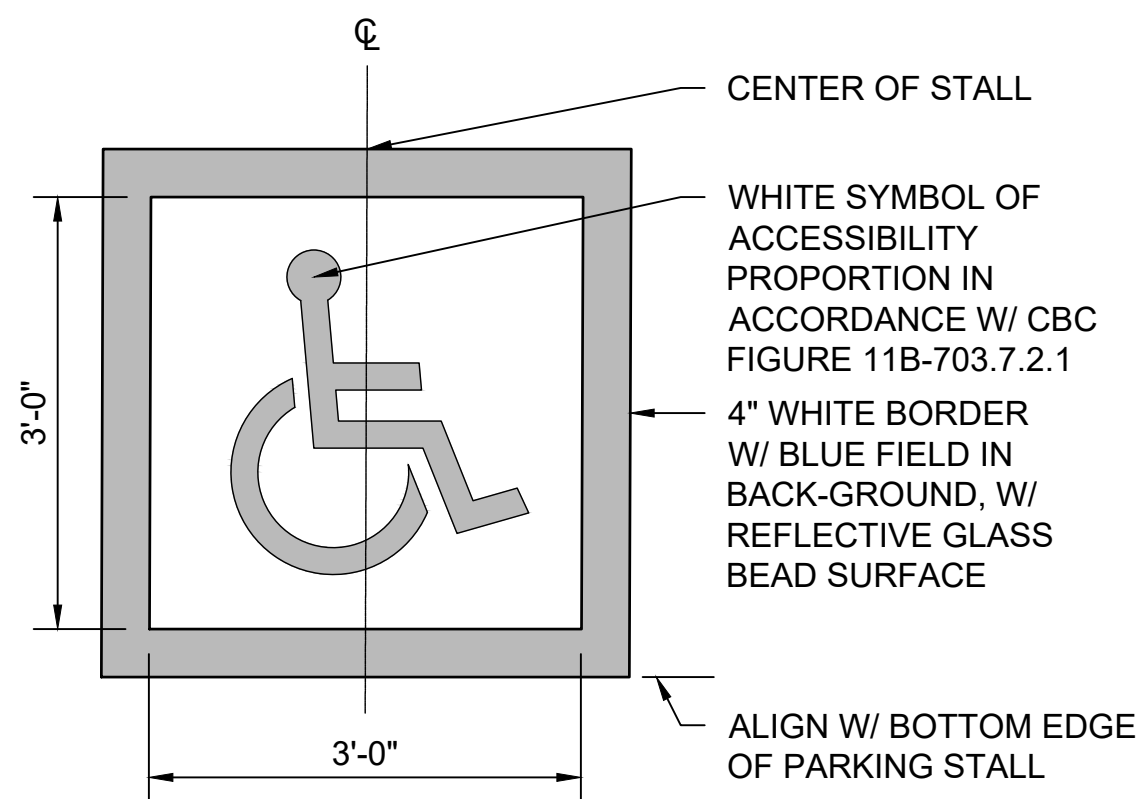
1 ACCESSIBLE PARKING STALLS - TYPICAL
SCALE@22X34 1/4" = 1'-0"



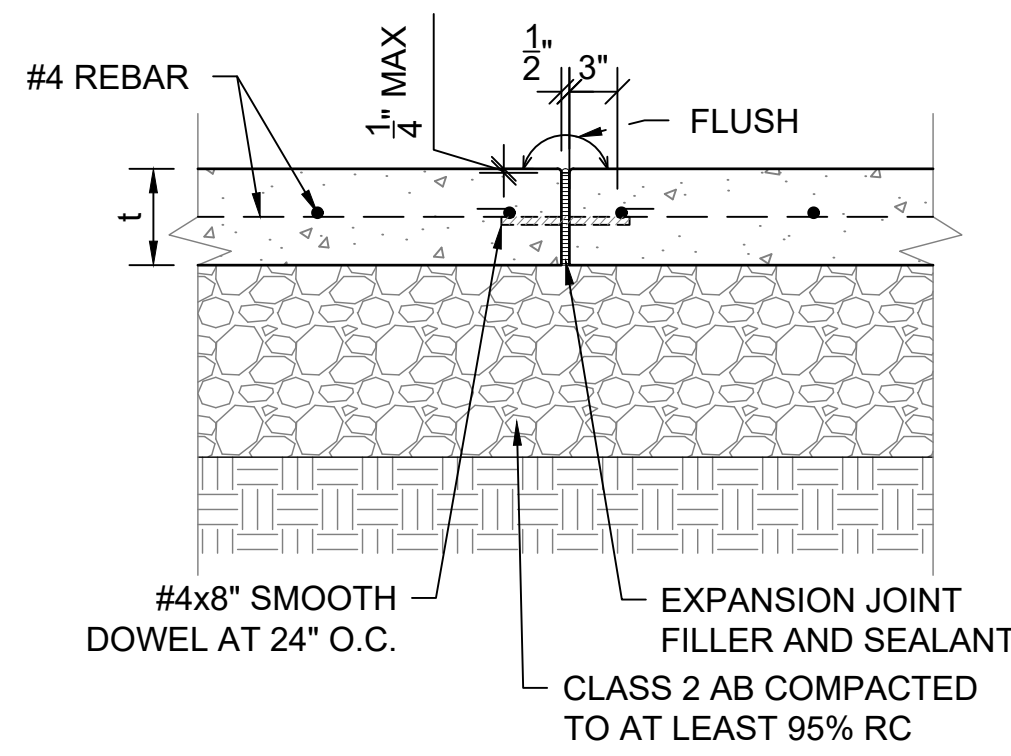
2 ACCESSIBLE PARKING SIGN
SCALE@22X34 1" = 1'-0"



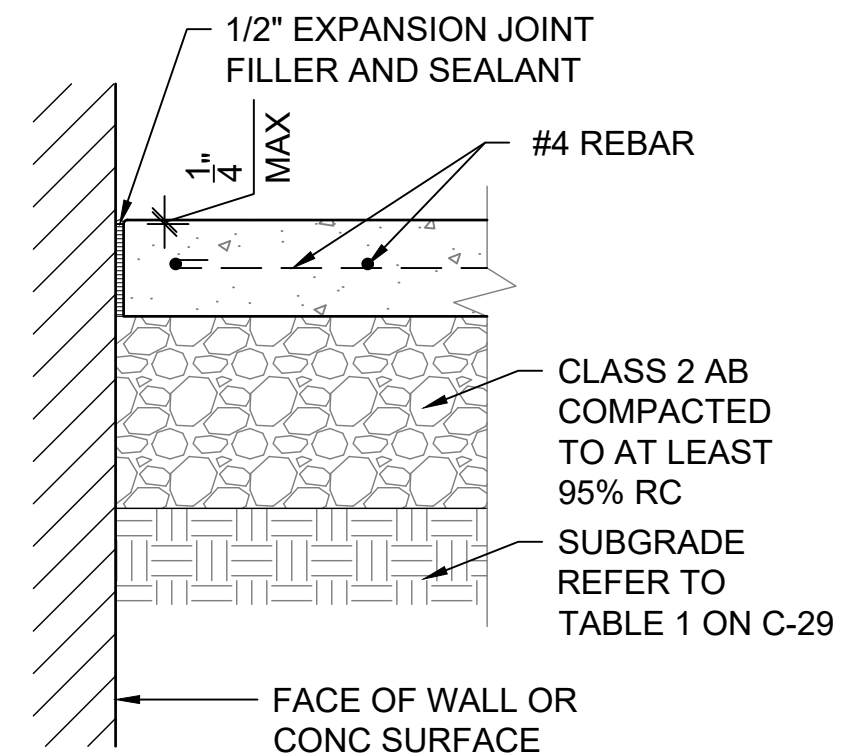
3 TOW-AWAY SIGN
SCALE@22X34 1" = 1'-0"



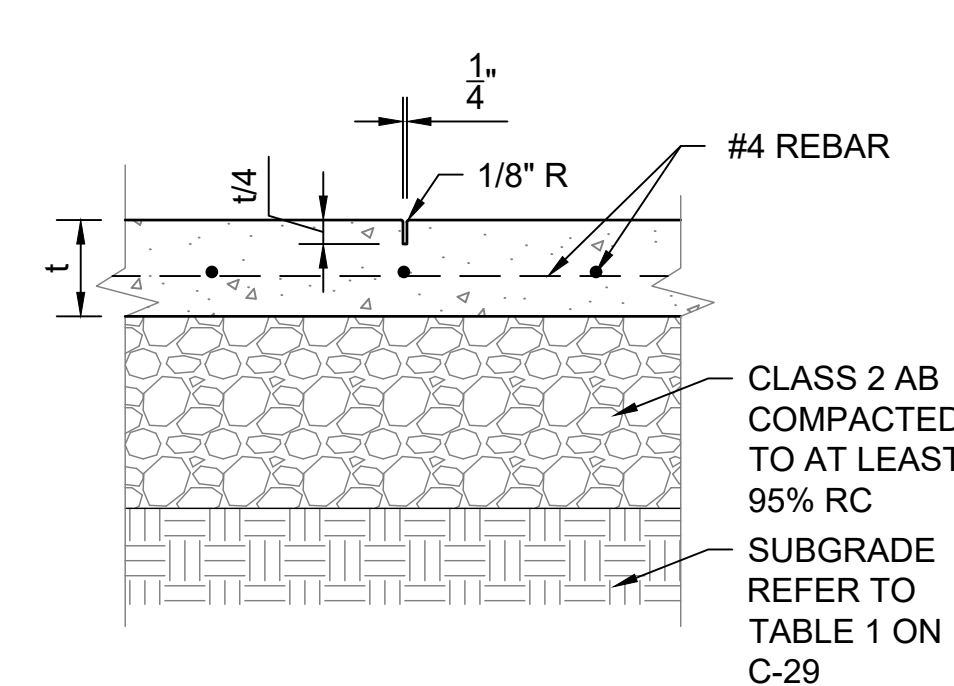
4 INTERNATIONAL SYMBOL OF ACCESSIBILITY
SCALE@22X34 3/4" = 1'-0"



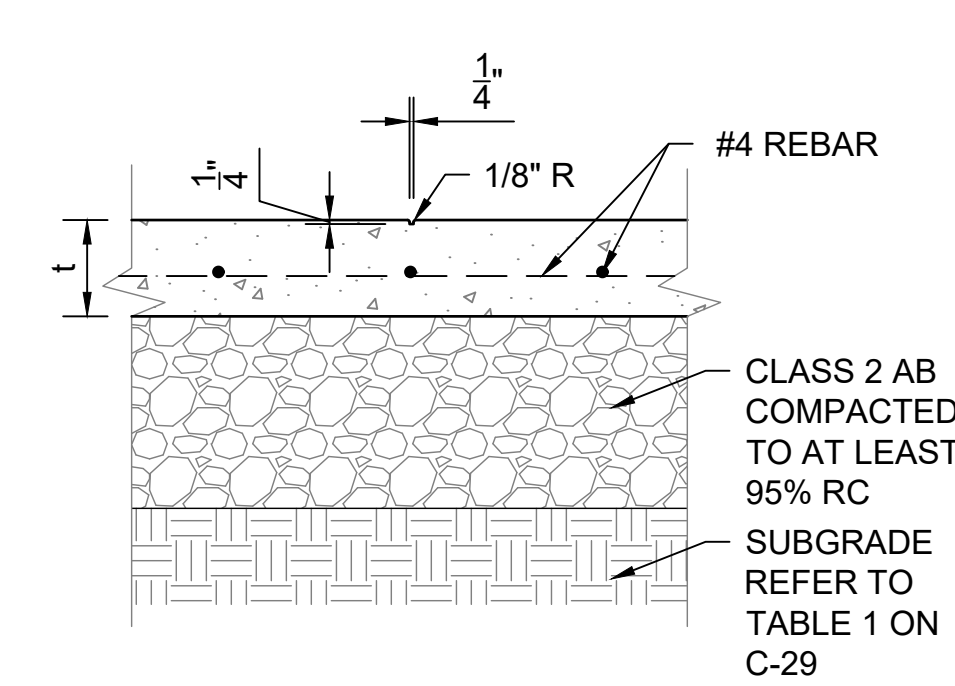
5 EXPANSION JOINT
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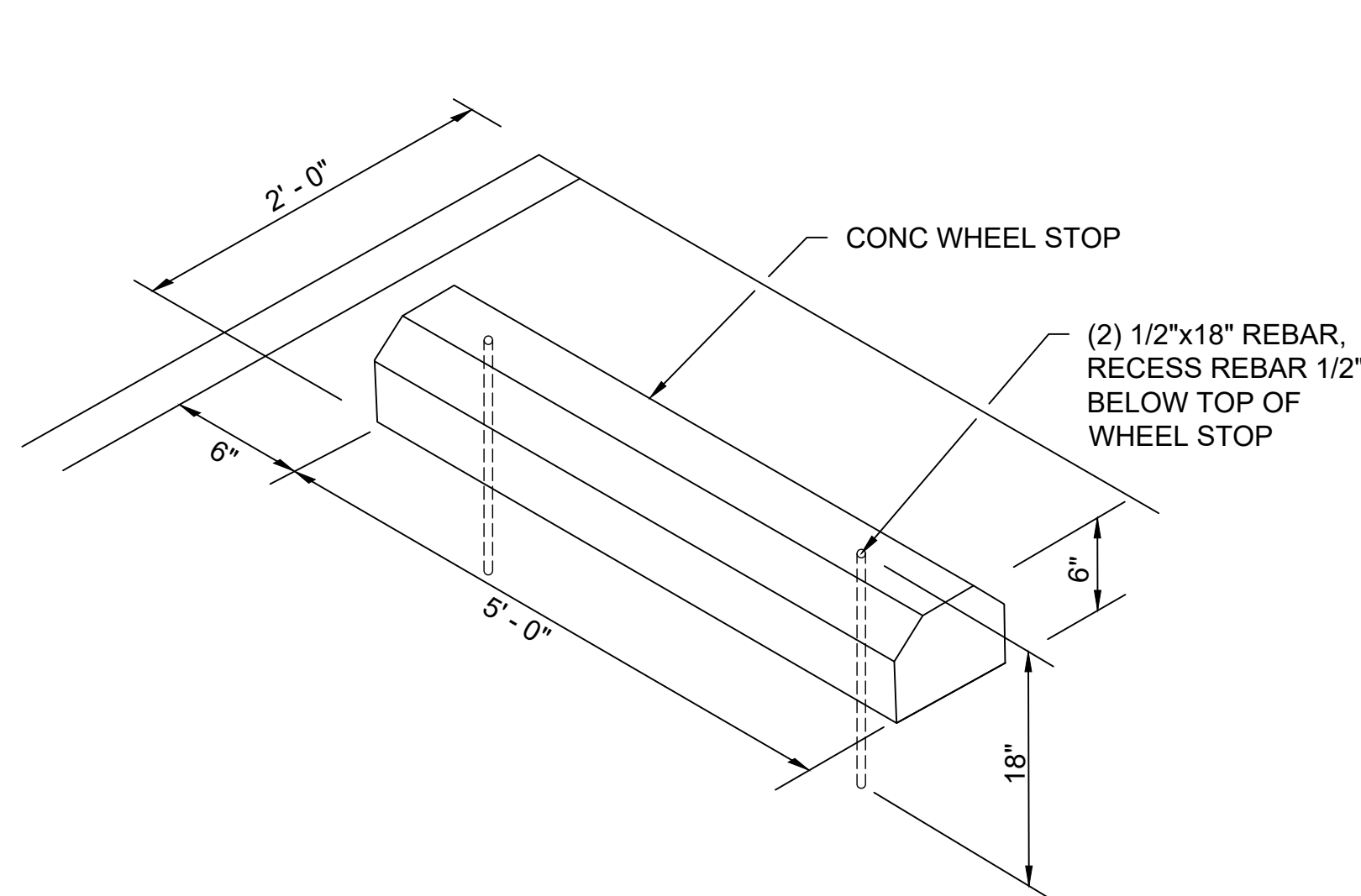
6 ISOLATION JOINT
SCALE@22X34 1" = 1'-0"



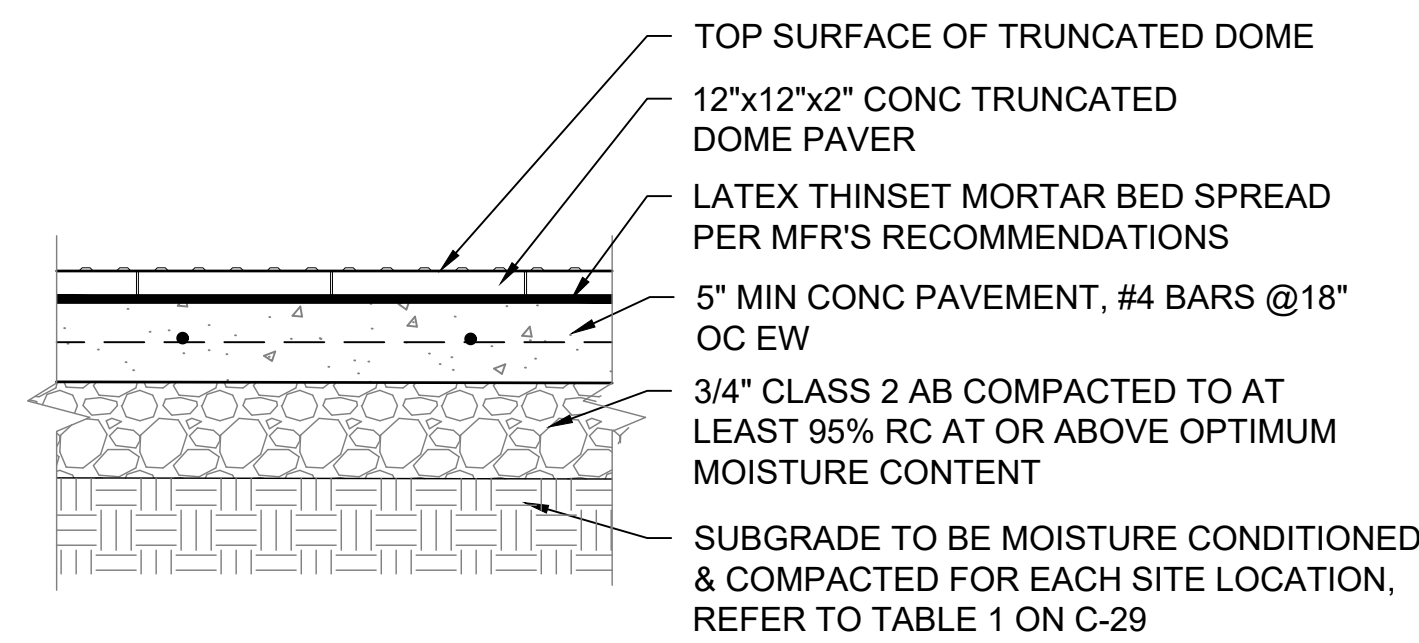
7 CONTRACTION JOINT
SCALE@22X34 1" = 1'-0"



8 SCORE JOINT
SCALE@22X34 1" = 1'-0"



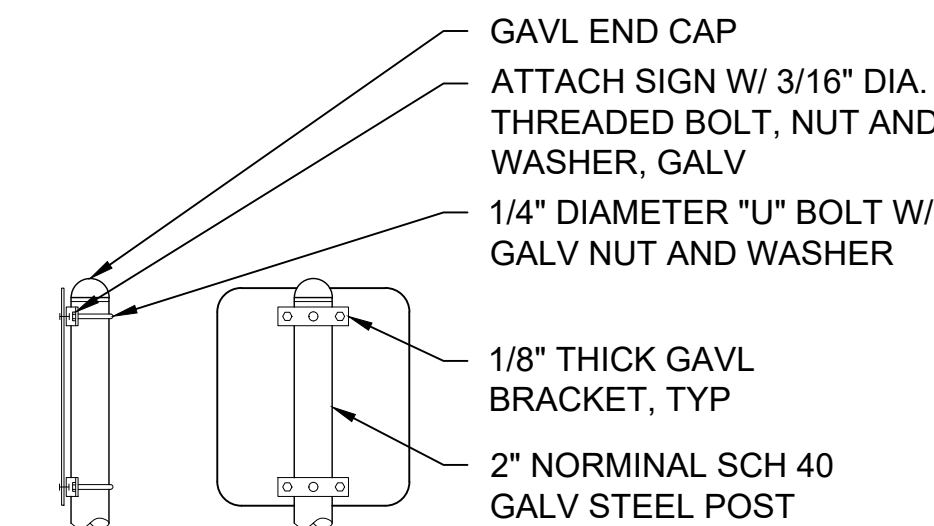
9 CONCRETE WHEEL STOP
SCALE@22X34 1" = 1'-0"



- NOTES:**
1. CONC SLAB SHALL BE SLOPED TO PROVIDE COMPLETE SURFACE DRAINAGE.
 2. SEE SPECIFICATION FOR CONC PAVING FINISH
 3. SWEEP JOINTS WITH SAND OR GROUT
 4. TRUNCATED DOME PAVER TO BE WAUSAU DOME TILE/ADA-50 OR EQUAL.
 5. TRUNCATED DOME PAVER SHALL MEET FLUSH W/ ADJACENT FINISH SURFACE.
 6. TRUNCATED DOME PAVER SHALL COMPLY W/ CBC 2022 SECTION 11B-705.1 THROUGH 705.1.1.3.2

10 TRUNCATED DOME PAVER
SCALE@22X34 1" = 1'-0"

- NOTES:**
1. "VAN ACCESSIBLE" PARKING STALL SIGN SHALL BE INSTALLED AT LOCATION SHOWN ON DETAIL 1 THIS SHEET
 2. CENTER SIGNS ON PARKING STALLS
 3. VERIFY SIGN LOCATION PRIOR TO INSTALLATION WITH THE STATE REPRESENTATIVE
 4. BORDER SYMBOLS AND LETTERING TO BE REFLECTIVE



SIDE VIEW BACK VIEW

11 SIGN INSTALLATION
SCALE@22X34 1" = 1'-0"



FACILITIES AND DEVELOPMENT DIVISION



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REVISIONS	DATE

BURLEIGH H. MURRAY RANCH SP
VAULT RESTROOM PLACEMENT
ACCESSIBLE PARKING & CONCRETE JOINT DETAILS

206279.031

SHEET NO.

C-28

031 OF 038



FACILITIES AND DEVELOPMENT DIVISION



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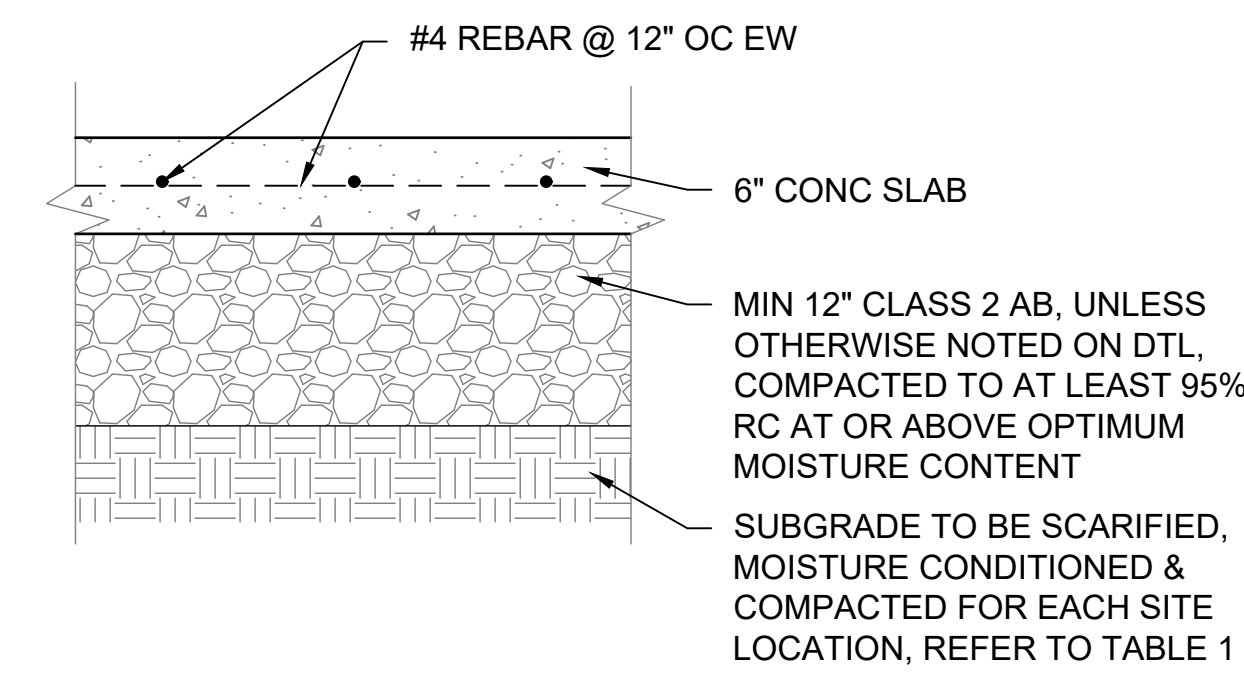
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REVISIONS	DATE

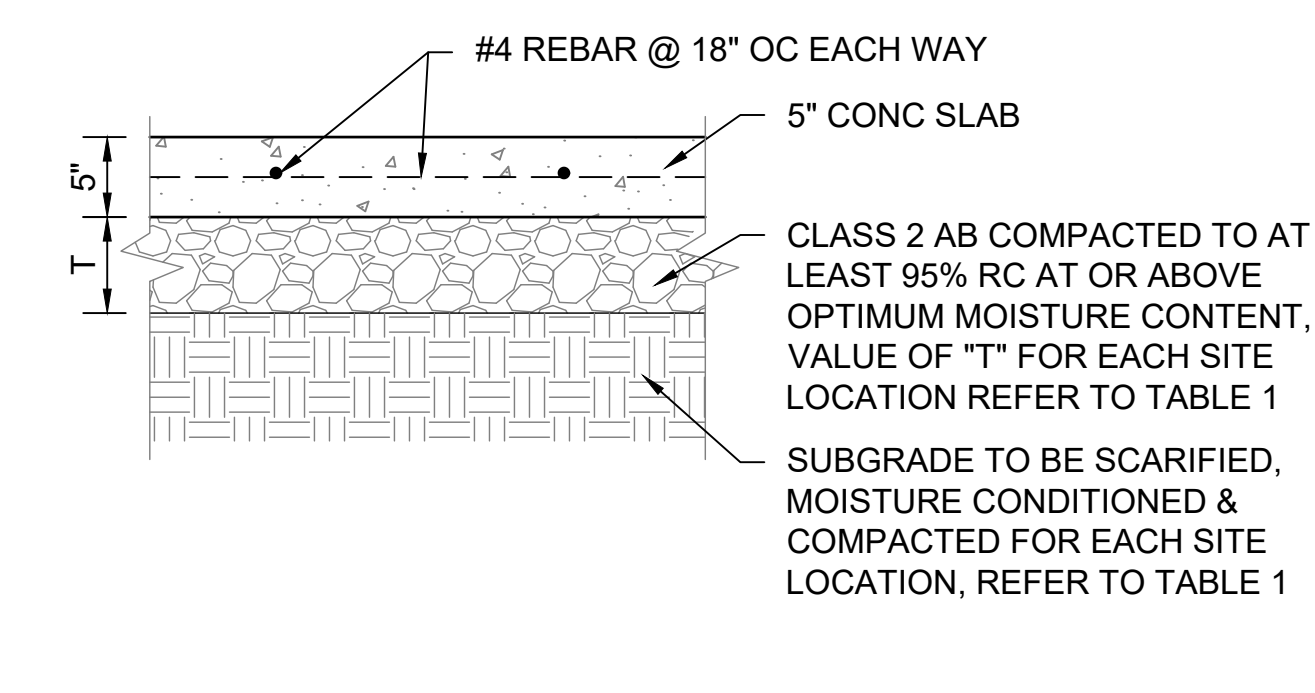
BURLEIGH H. MURRAY RANCH SP
VAULT RESTROOM PLACEMENT
SITE PAVING DETAILS

206279.032

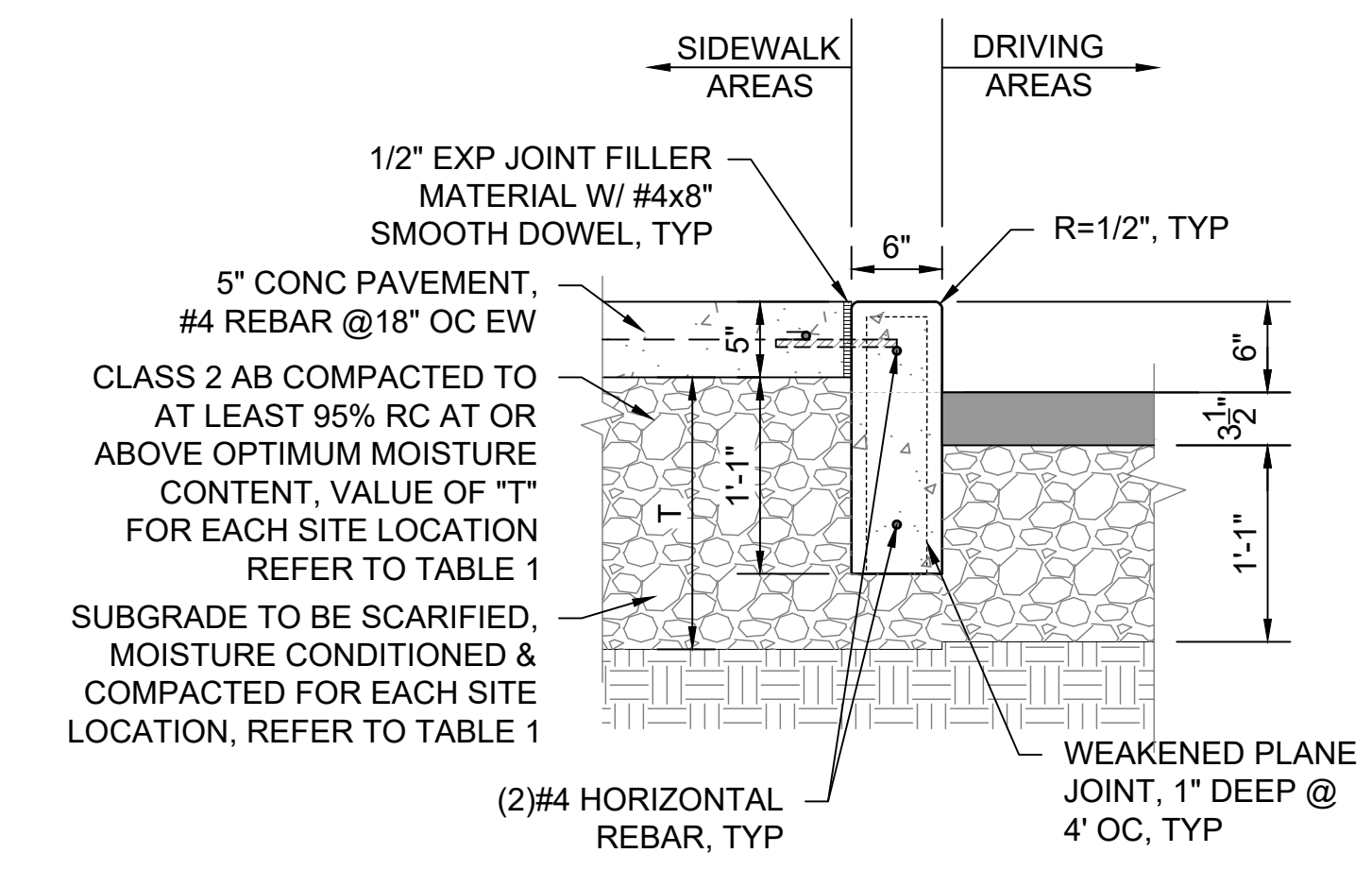
SHEET NO.
C-29
032 OF 038



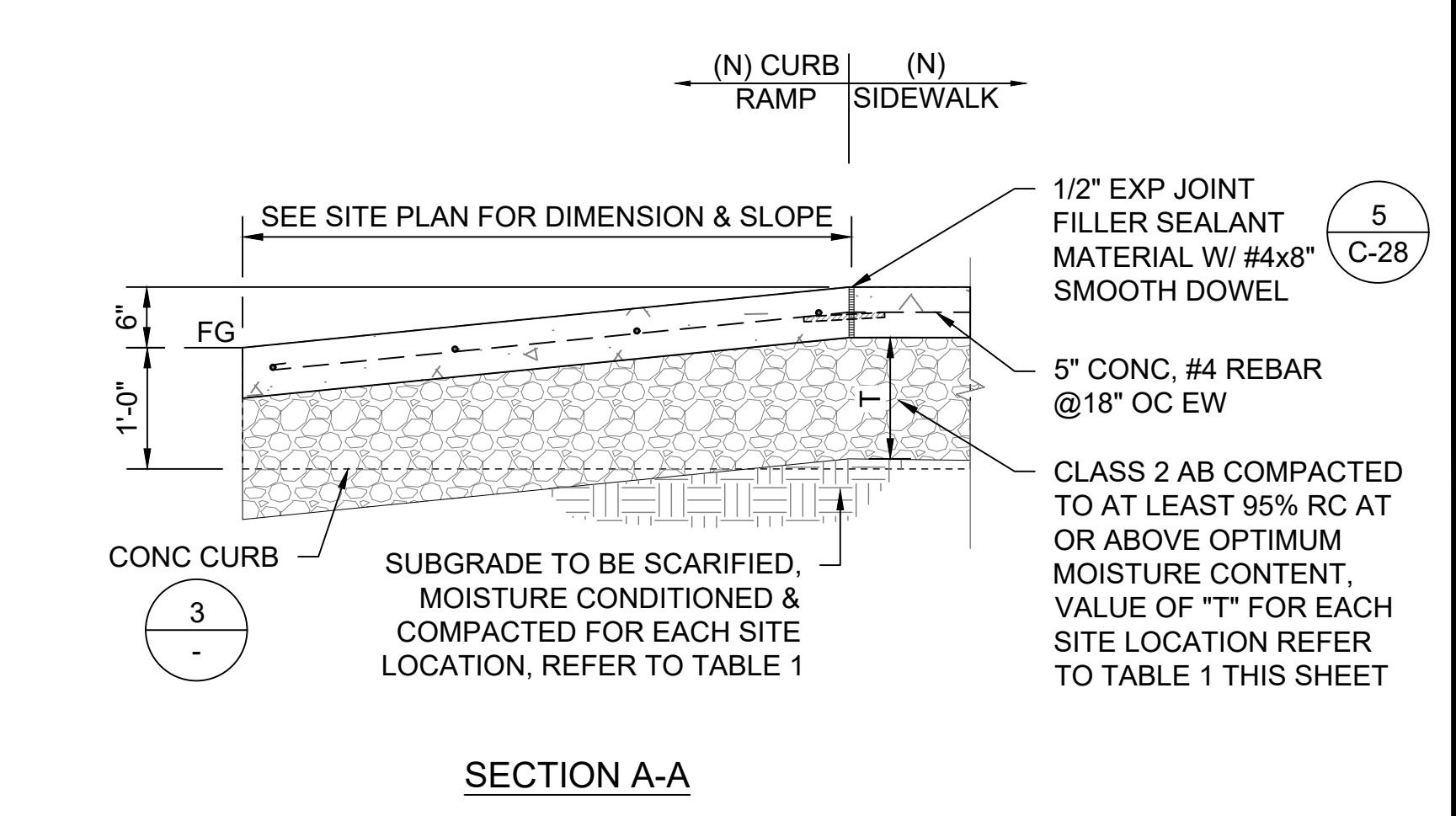
1 CONCRETE PARKING & DRIVING SLAB
SCALE@22X34 1" = 1'-0"



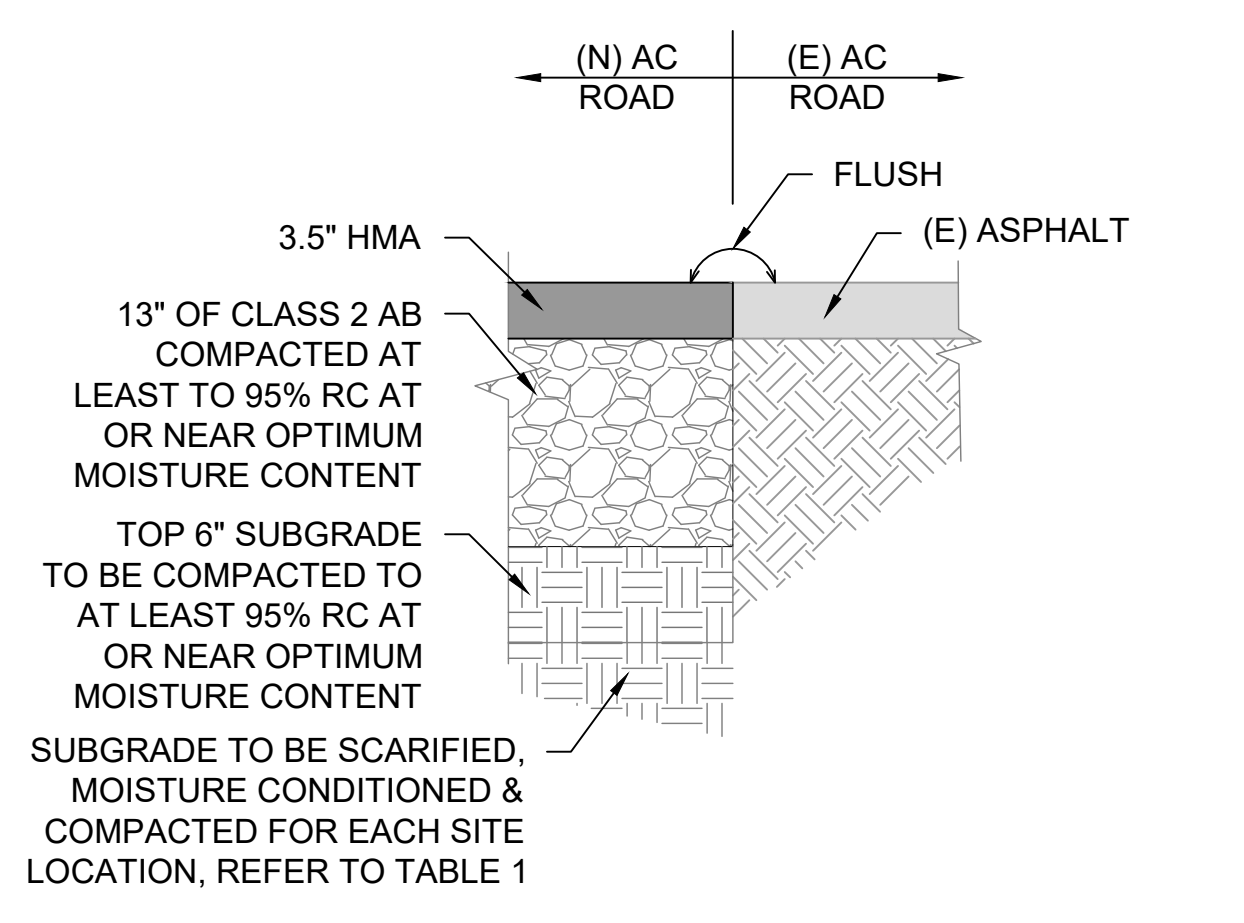
2 CONCRETE SIDEWALK & PICNIC PAD
SCALE@22X34 1" = 1'-0"



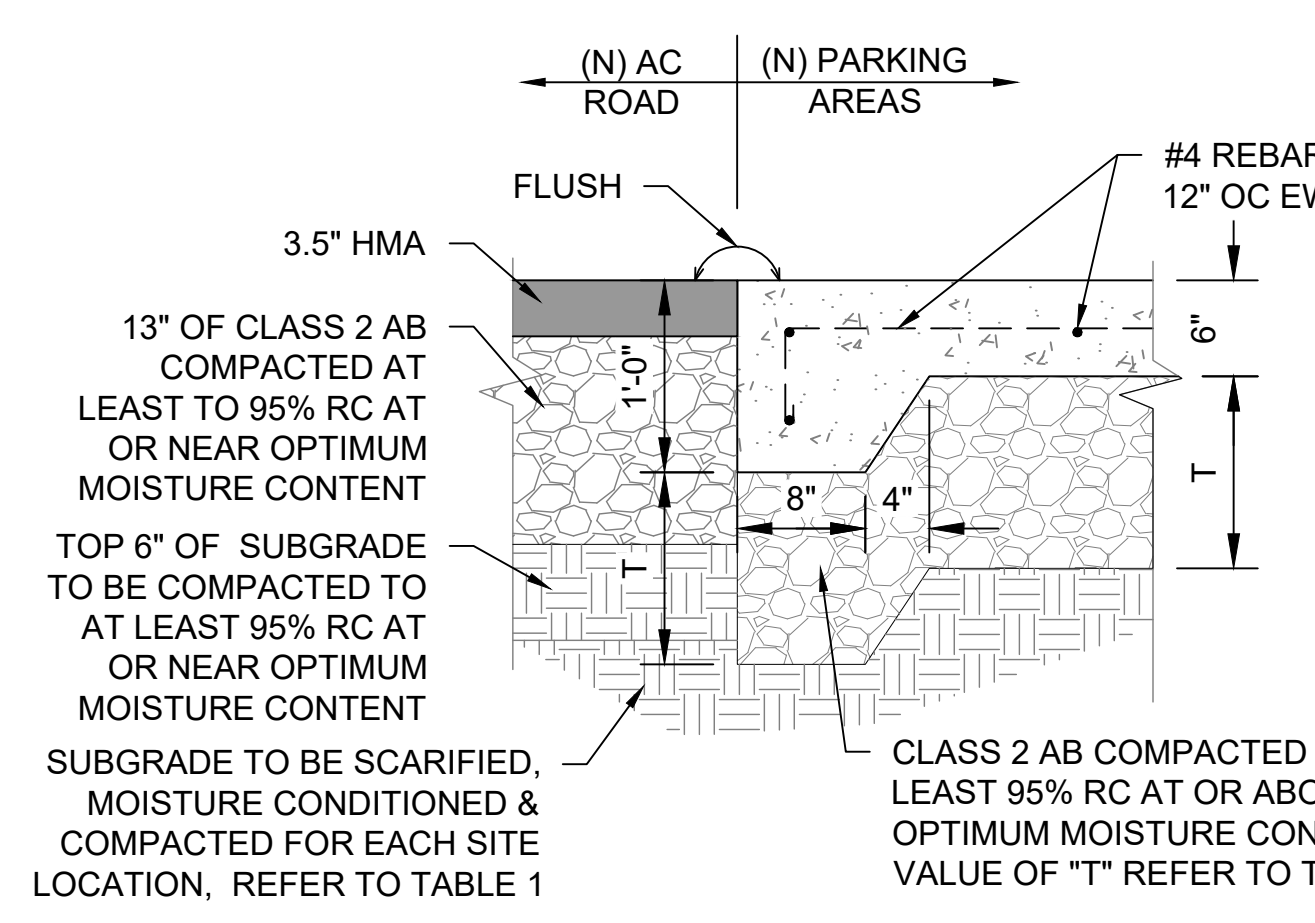
3 CONCRETE CURB
SCALE@22X34 1" = 1'-0"



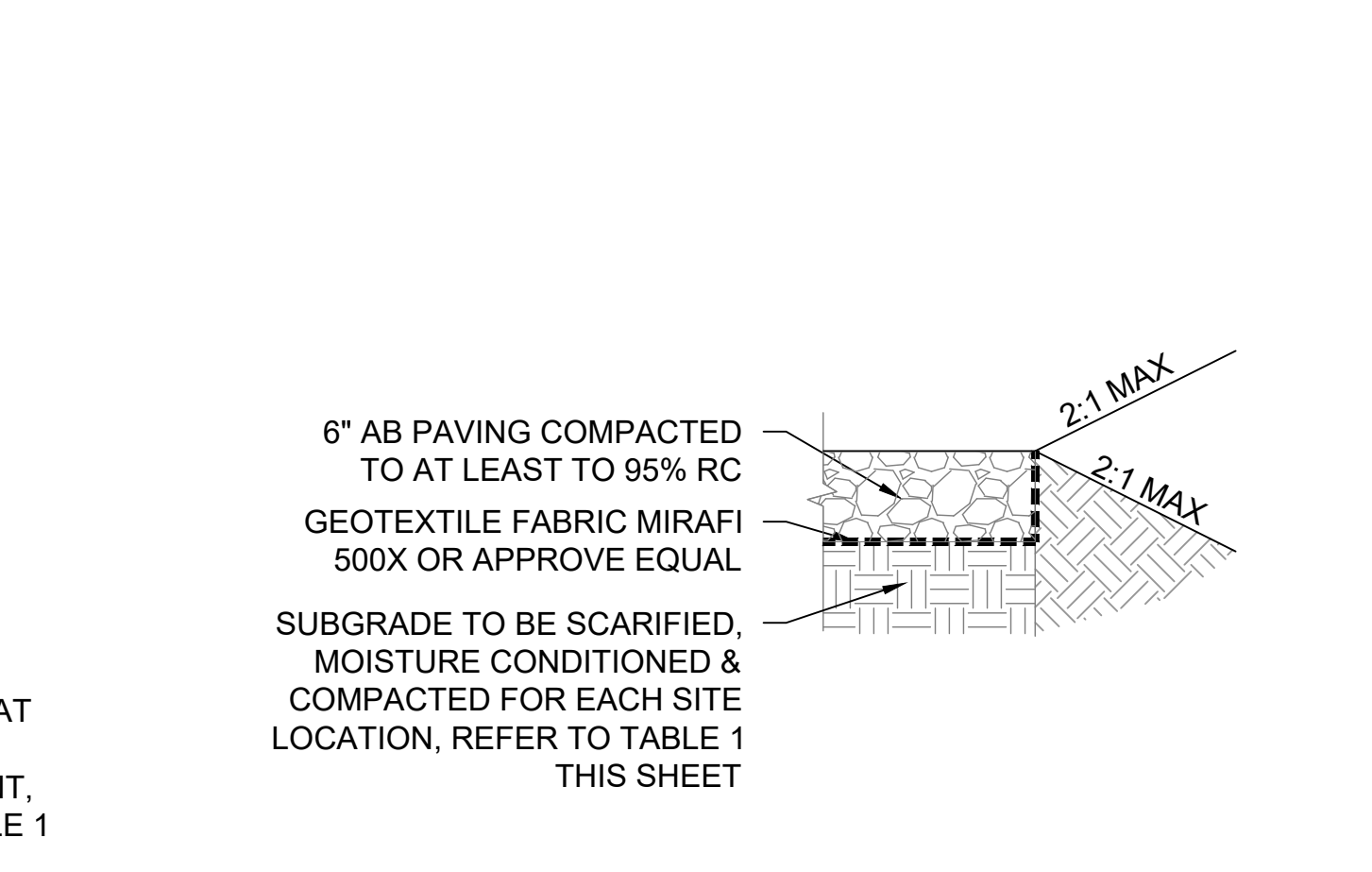
SECTION A-A



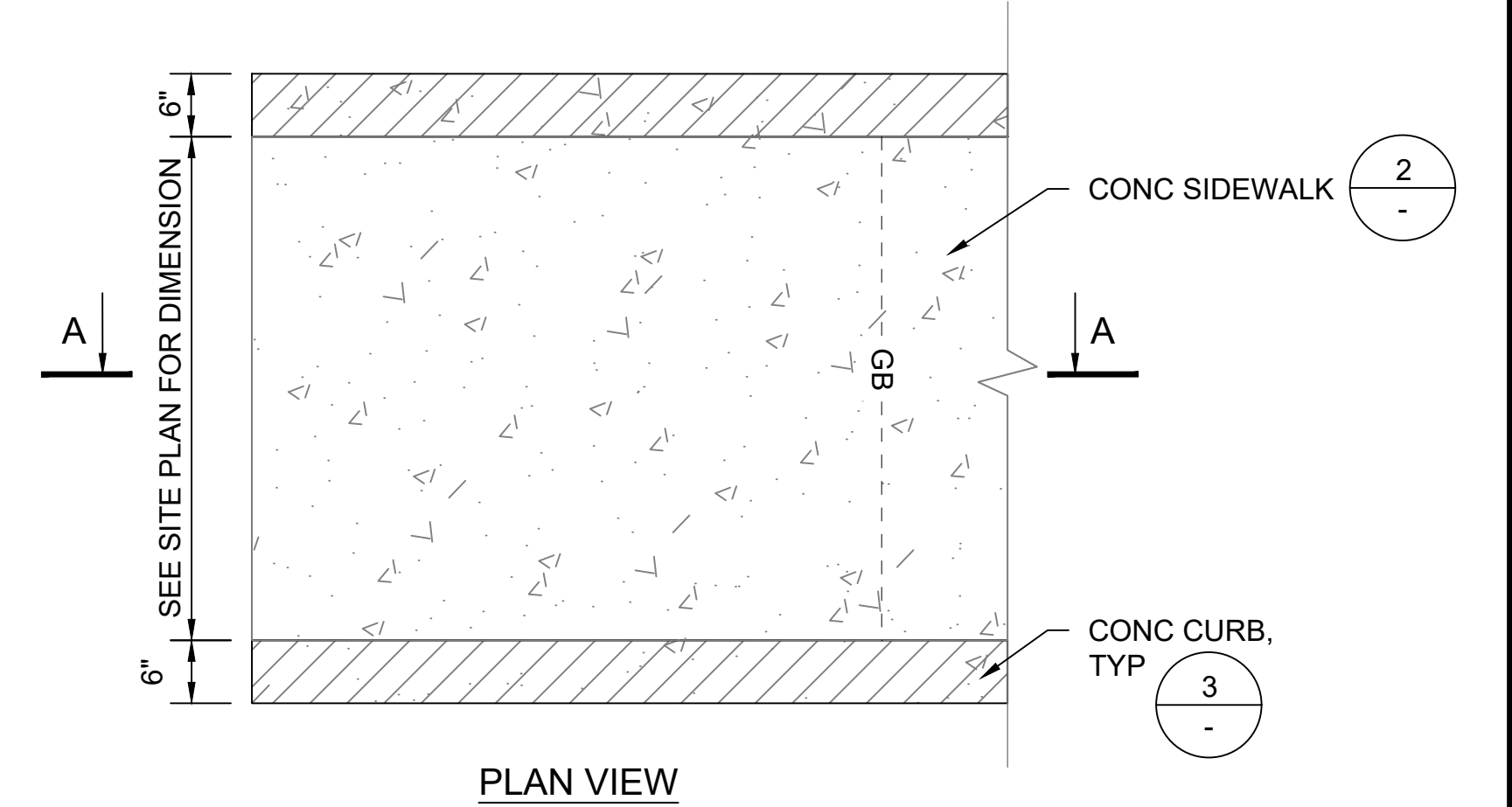
4 (N) AC TO (E) AC PAVING
SCALE@22X34 1" = 1'-0"



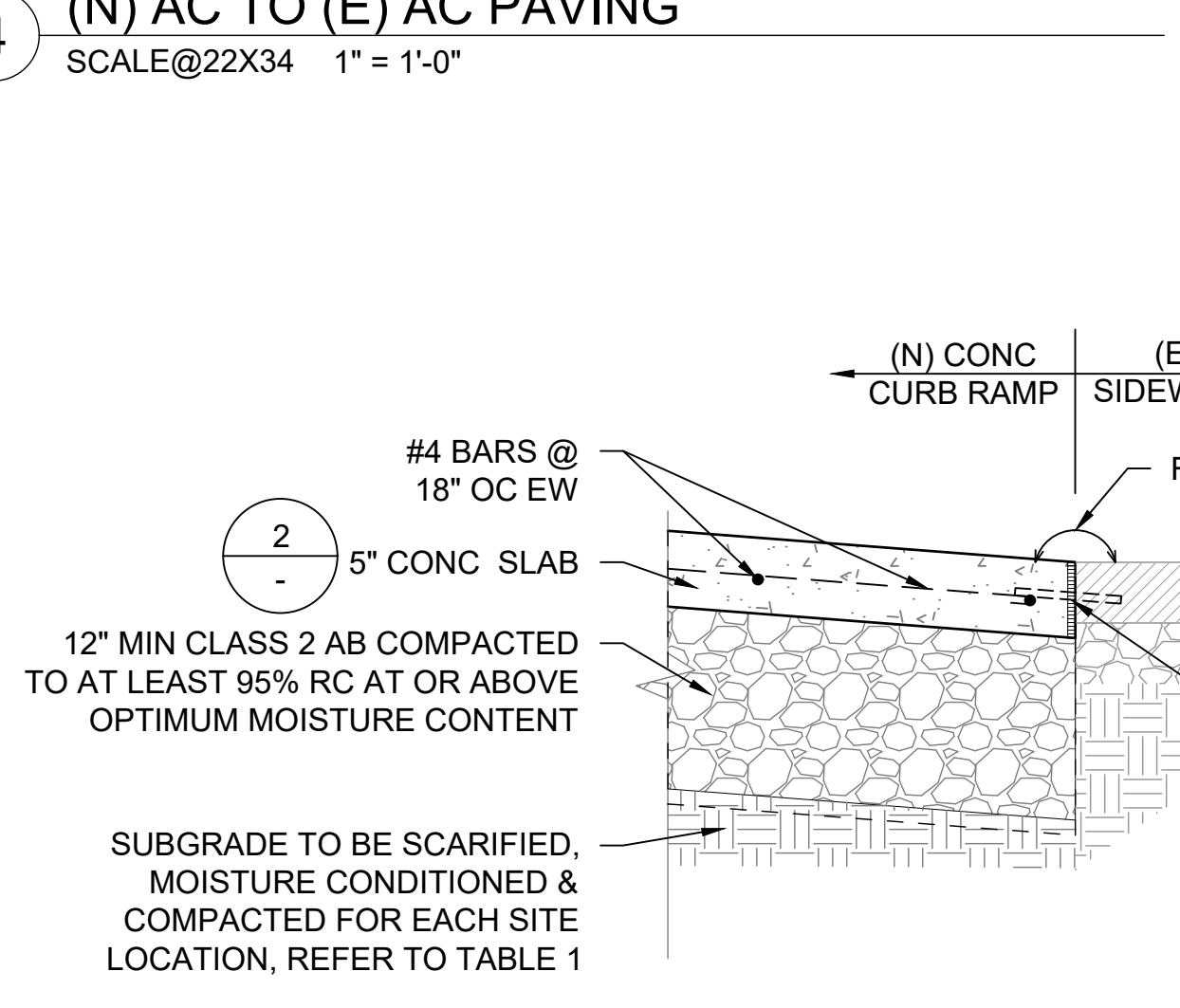
5 (N) CONC PARKING TO (N) AC PAVING
SCALE@22X34 1" = 1'-0"



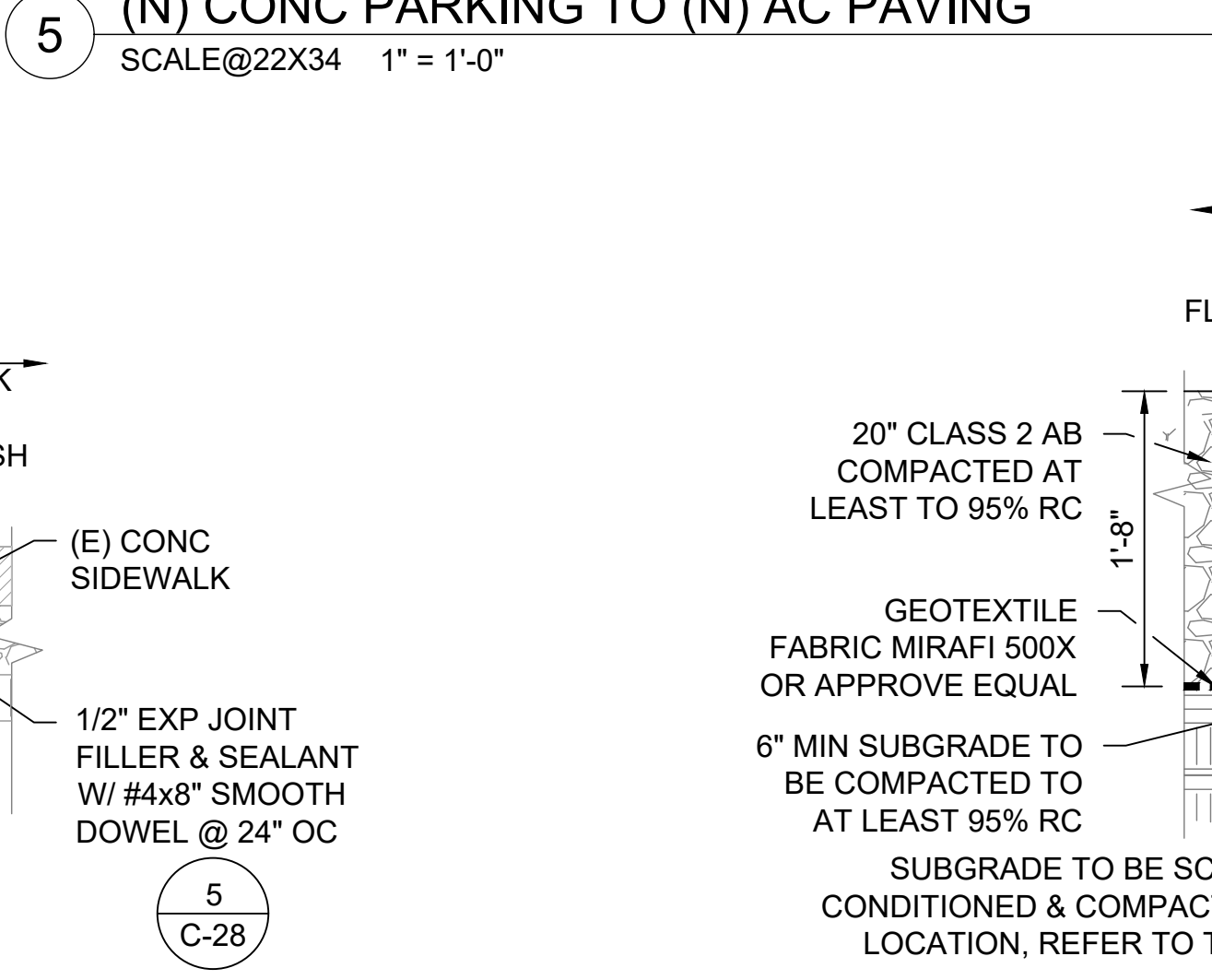
6 AGGREGATE PAVING PATH @ PICNIC AREA
SCALE@22X34 1" = 1'-0"



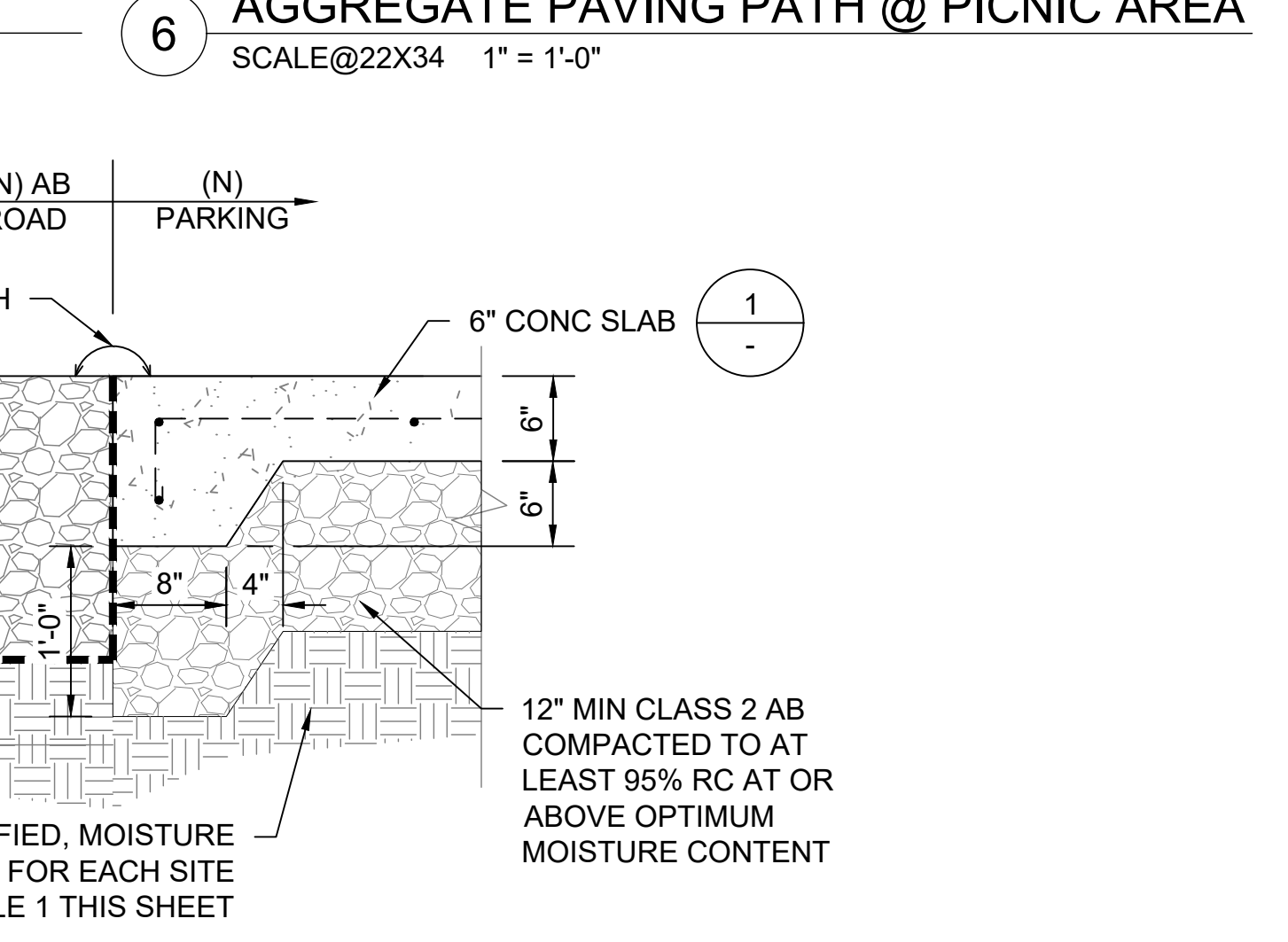
PLAN VIEW



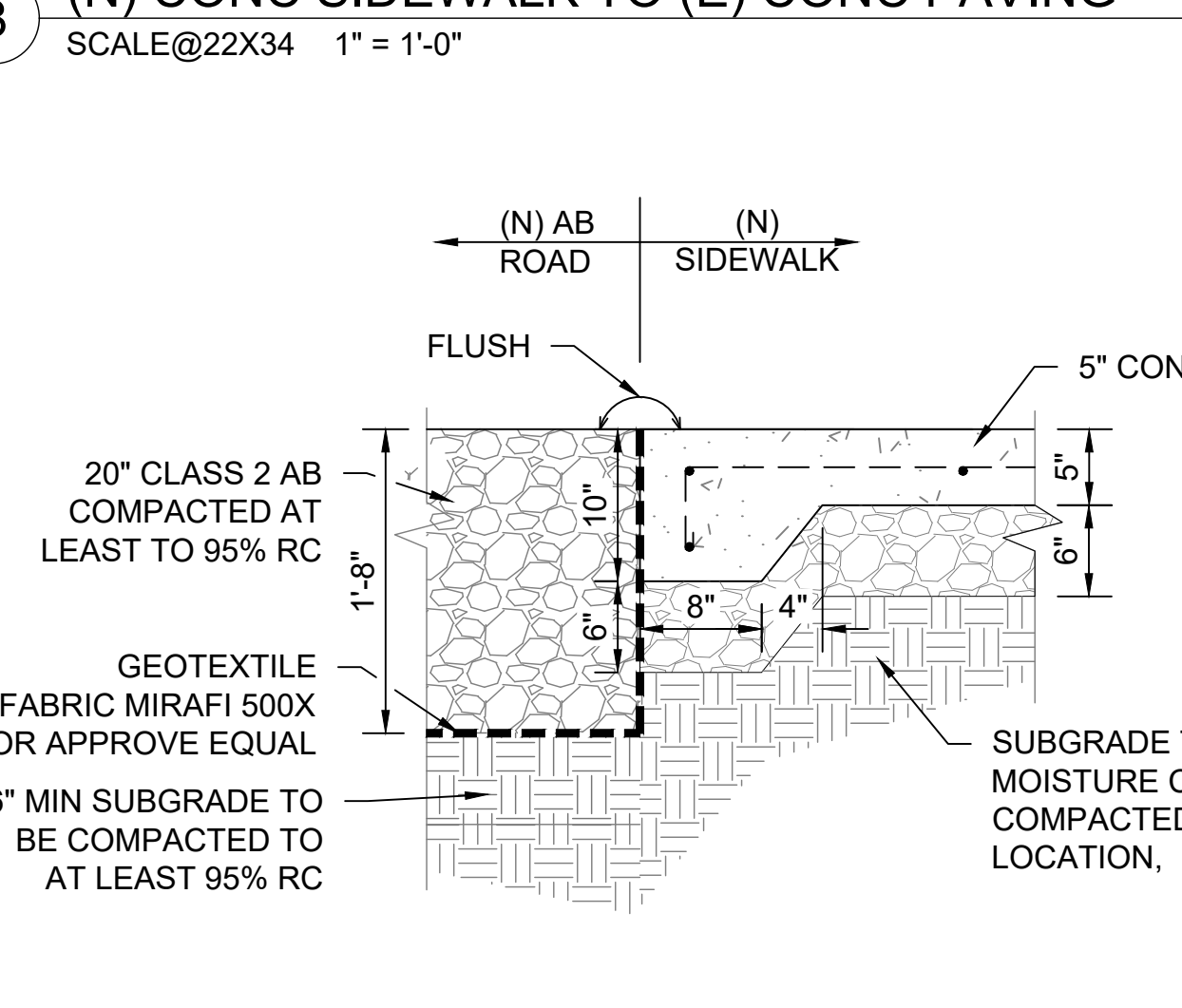
8 (N) CONC SIDEWALK TO (E) CONC PAVING
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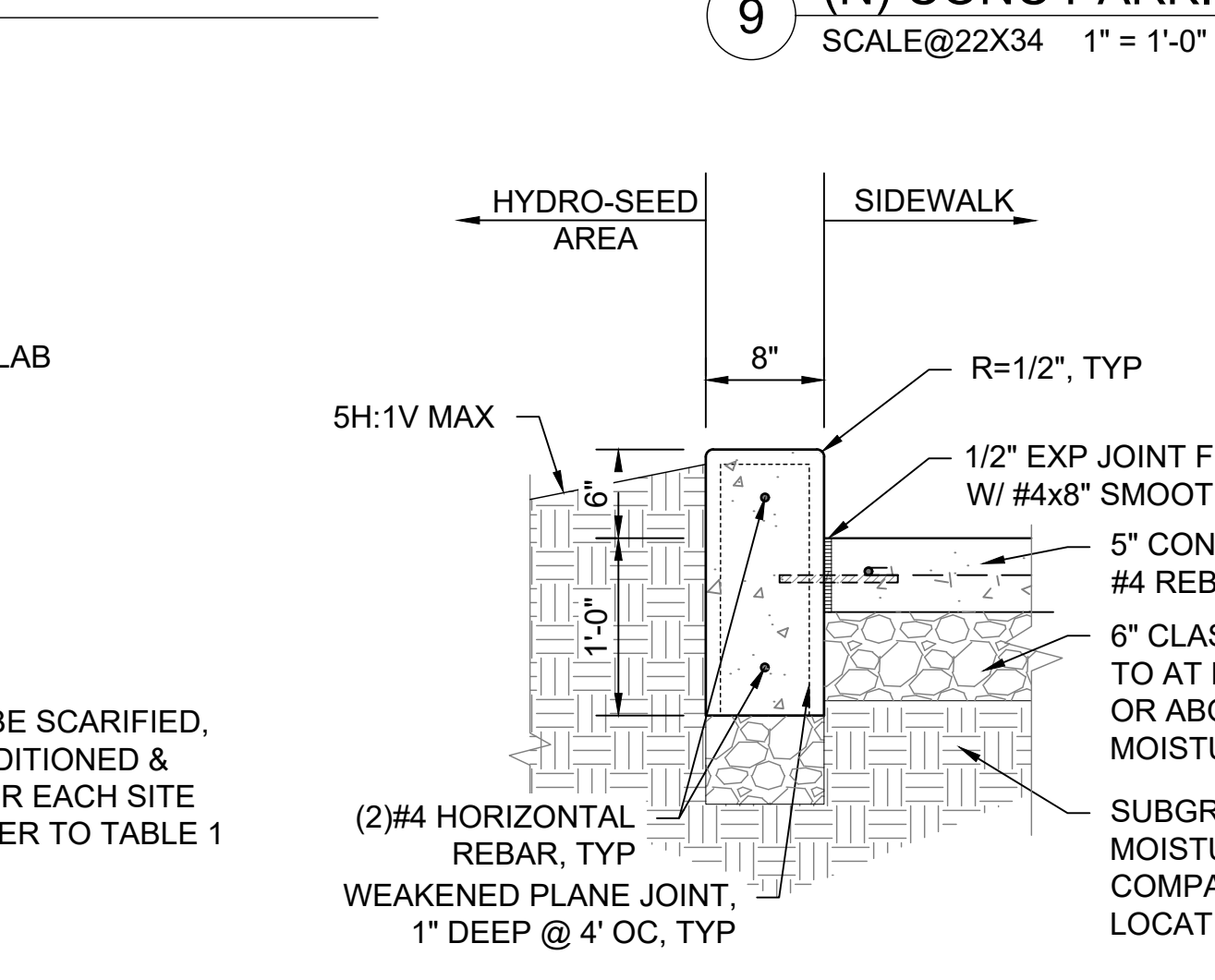
9 (N) CONC PARKING TO (N) AB PAVING
SCALE@22X34 1" = 1'-0"



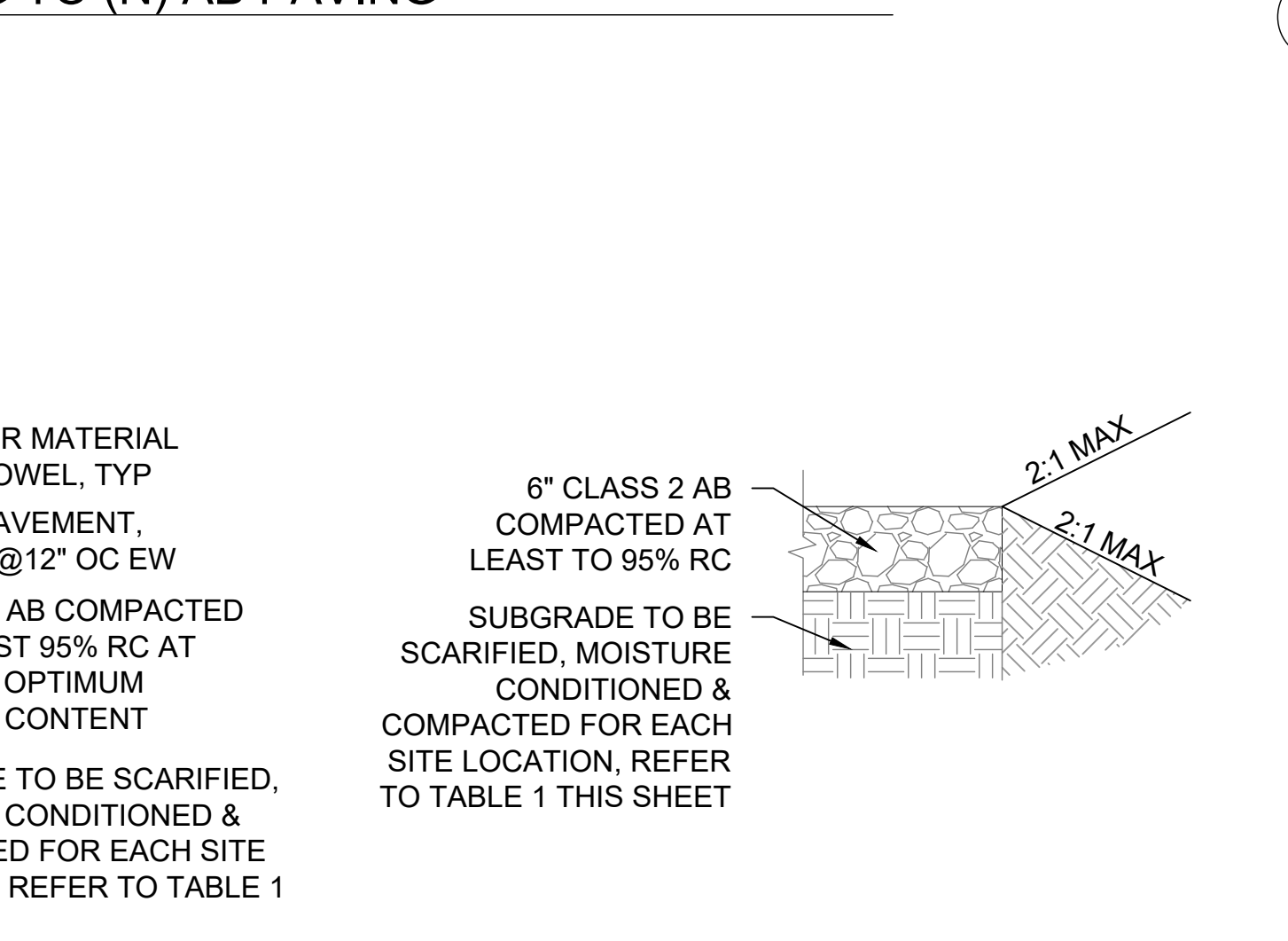
10 (N) CONC SIDEWALK TO (N) AB PAVING PATH
SCALE@22X34 1" = 1'-0"



11 (N) CONC SIDEWALK TO (N) AB ROAD
SCALE@22X34 1" = 1'-0"



12 CONC CURB TYPE 2
SCALE@22X34 1" = 1'-0"



13 AGGREGATE BASE
SCALE@22X34 1" = 1'-0"

TABLE 1		
PARK NAME	T	SUBGRADE
PESCADERO SB - CENTRAL BEAN HOLLOW SB	6" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT OR ABOVE OPTIMUM CONTENT AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION
BURLEIGH H. MURRAY RANCH PESCADERO SB- NORTH ANO NUEVO GAZOS SP	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 2% ABOVE OPTIMUM & COMPACTED TO AT LEAST 90% RC
COWELL RANCH SB POMPONIO SB	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 3% ABOVE OPTIMUM MOISTURE CONTENT & COMPACTED TO AT LEAST 87% BUT NOT EXCEEDING 92% RELATIVE COMPACTION
SAN GREGORIO SB	18" MIN.	

NOTES:
- "T" = THICKNESS OF CLASS 2 AGGREGATE BASE
- INFORMATION FROM GEOCON GEOTECHNICAL REPORT SECTION 6.5.6 DATED JULY 7, 2022 & REVISED JANUARY 5, 2023

File: Q:\samba_cruz_districtwide\206279-sam_mateo_coast_r_replacement\05_drawings\Civil\C-29 SITE PAVING DETAILS.dwg Layout: C-29 Site Paving Dtls_BM Date: October 30 2023 1:46 pm User: tle



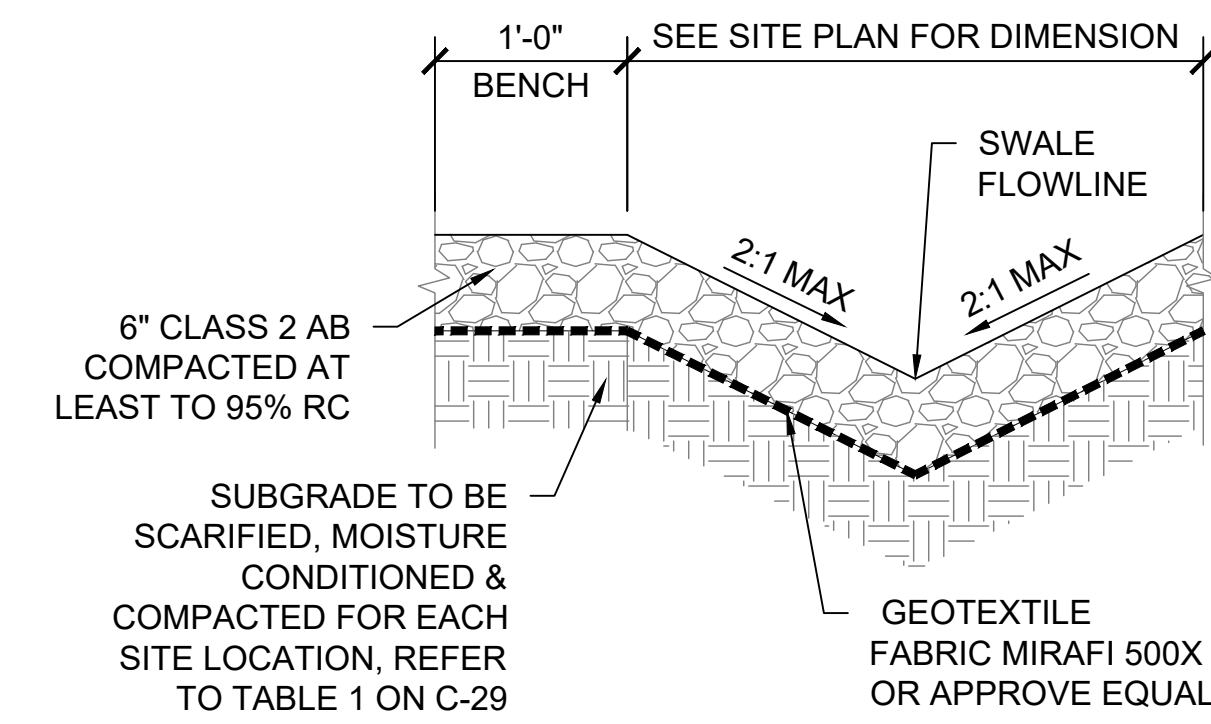
FACILITIES AND DEVELOPMENT DIVISION



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△	REVISIONS	DATE



4 SWALE TYPICAL
SCALE@22X34 1" = 1'-0"

BURLEIGH H. MURRAY RANCH SP
VAULT RESTROOM PLACEMENT

SITE DETAILS

206279.034

SHEET NO.

C-31

034 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION CERTIFICATION #

DESIGNED: TL DRAWN: TL CHECKED: MP DATE: OCTOBER 2023

Table with 2 columns: REVISIONS, DATE

BURLEIGH H. MURRAY RANCH SP VAULT RESTROOM PLACEMENT PRECAST SINGLE VAULT RESTROOM BUILDING

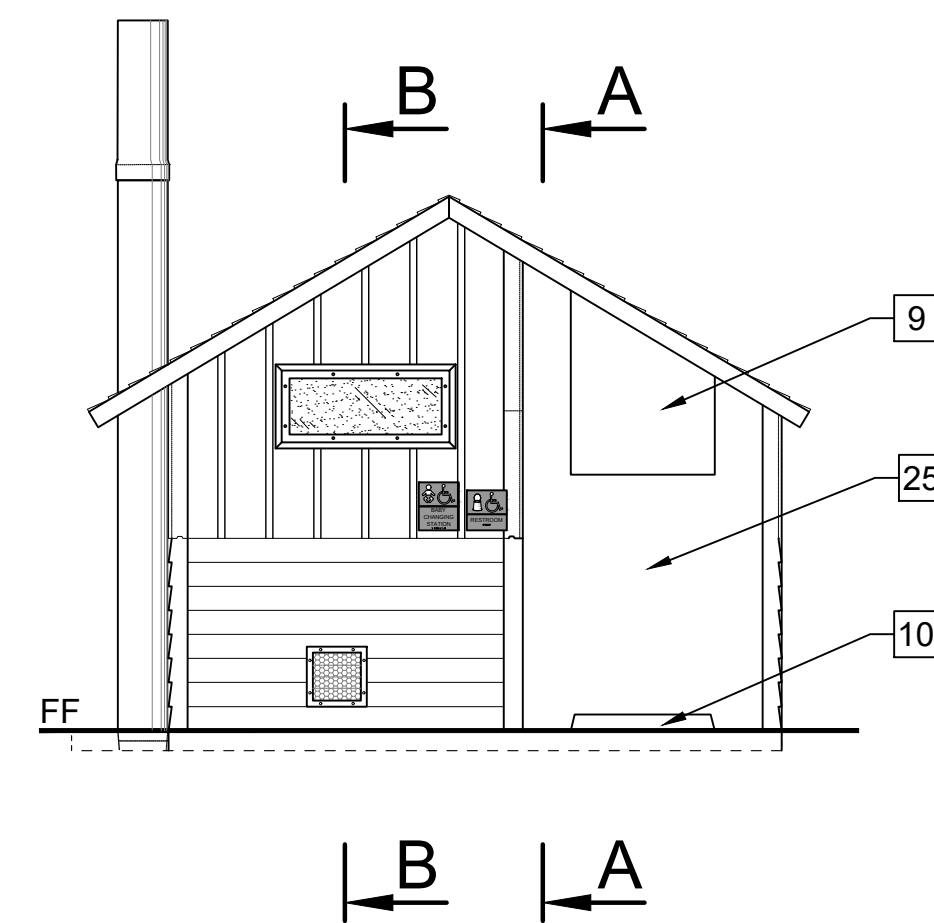
206279.036 SHEET NO. C-33 036 OF 038

KEYNOTES:

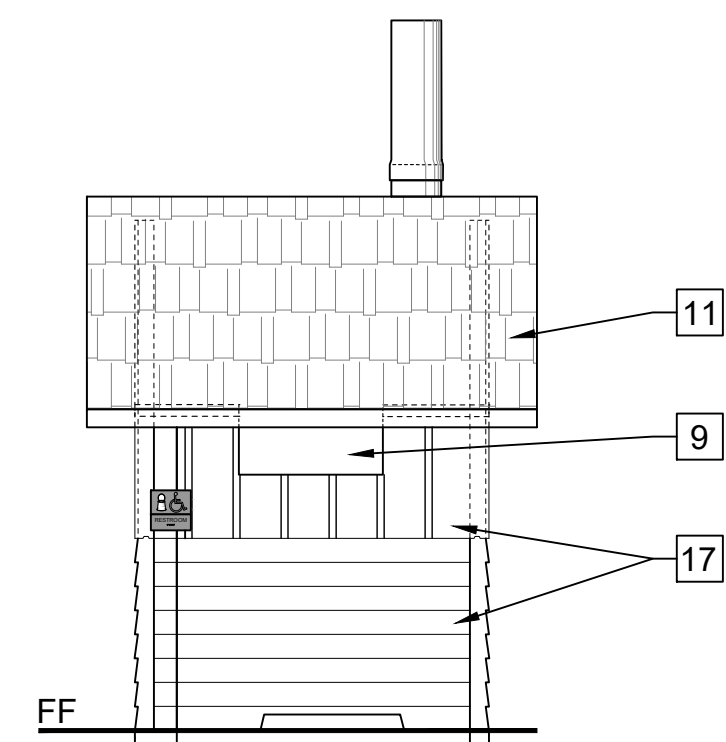
- 1 RISER
2 'L' SHAPED 1-1/2" SS GRAB BARS, 250LB POINT LOAD MIN. CAPACITY
3 SS TOILET PAPER DISPENSER, (3) ROLL BAR WITH LOCK
4 EDGE OF ROOF LINE ABOVE
5 VAULT VENTILATOR TUBE
6 VAULT ACCESS SCUTTLE DOOR
7 VAULT TANK BELOW GRADE
8 VAULT FOUNDATION: 12" MIN. THICK LEVELING COURSE OF 1-1/2" ANGULAR CRUSHED ROCK CONSOLIDATE W/ VIBROPLATE COMPACTOR ABOVE GEOTEXTILE FILTER FABRIC (MIRAFI 140N OR EQUAL), REFER TO GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION
9 OPENING THROUGH PANEL
10 OPENING THROUGH SCUPPER
11 SIMULATED STANDING CEDAR SHAKE TEXTURE CONCRETE ROOF PATTERN, COLOR GRANITE ROCK, 2K ANTI-GRAFFITI COATING
12 CONCRETE BUILDING SLAB BY MANUFACTURE OF PRE-CAST BUILDING, COORDINATE ELEVATION WITH CONCRETE WALK FOR ACCESSIBLE ENTRANCE PER GRADING SHEET C-2, C-4
13 3'-0"x6'-8" FIBERGLASS DB LVR DOOR AND FRAMESSET, TOP PAINTED WITH DTM ALKYD
14 TOILET SIGNAGE ON SHEET RESTROOM DETAILS
15 SIGN TO READ: "DO NOT PUT TRASH IN TOILET"
16 SS WALL VENT
17 BOARD & BATT TEXTURE UPPER WITH HORIZONTAL LAP LOWER TEXTURE WALLS, COLOR SAND BEIGE. 2K ANTI-GRAFFITI COATING ON ALL FINISHED SURFACES.
18 SS DOOR LOUVER
19 SET BUILDING SLAB FLUSH, LEVEL AND W/ SMOOTH TRANSITION AT CONCRETE SIDEWALK IN AREA IN FRONT OF ENTRANCE TO THE RESTROOM, COORDINATE W/ GRADING SHEET PER EACH LOCATION
20 TRANSLUCENT LEXAN WINDOW GLAZING WITH STEEL FRAME. WINDOW SHALL MEET REQUIREMENTS OF CBC 708A.2.1 FOR FIRE RESISTANCE.
21 BABY CHANGING TABLE: MODEL 100-EH-BP HORIZONTAL DIAPER CHANGING STATION WITH EZ MOUNT BACKER PLATE OR APPROVE EQUAL, TABLE WIDTH SHALL NOT EXCEED 18".
22 ACCESSIBLE MANEUVERING AREAS - CIRCLE: 60" Ø & RECTANGLE: 56"W x 60"D
23 SS DOUBLE COAT HOOK
24 PAINT - WHITE
25 DOOR STOP
26 ALL PORTIONS OF THE EAVES WHICH ARE LESS THAN 80" ABOVE THE WALKING SURFACE SHALL PROJECT NO MORE THAN 4" FROM THE SIDE OF THE BUILDING.

GENERAL NOTES:

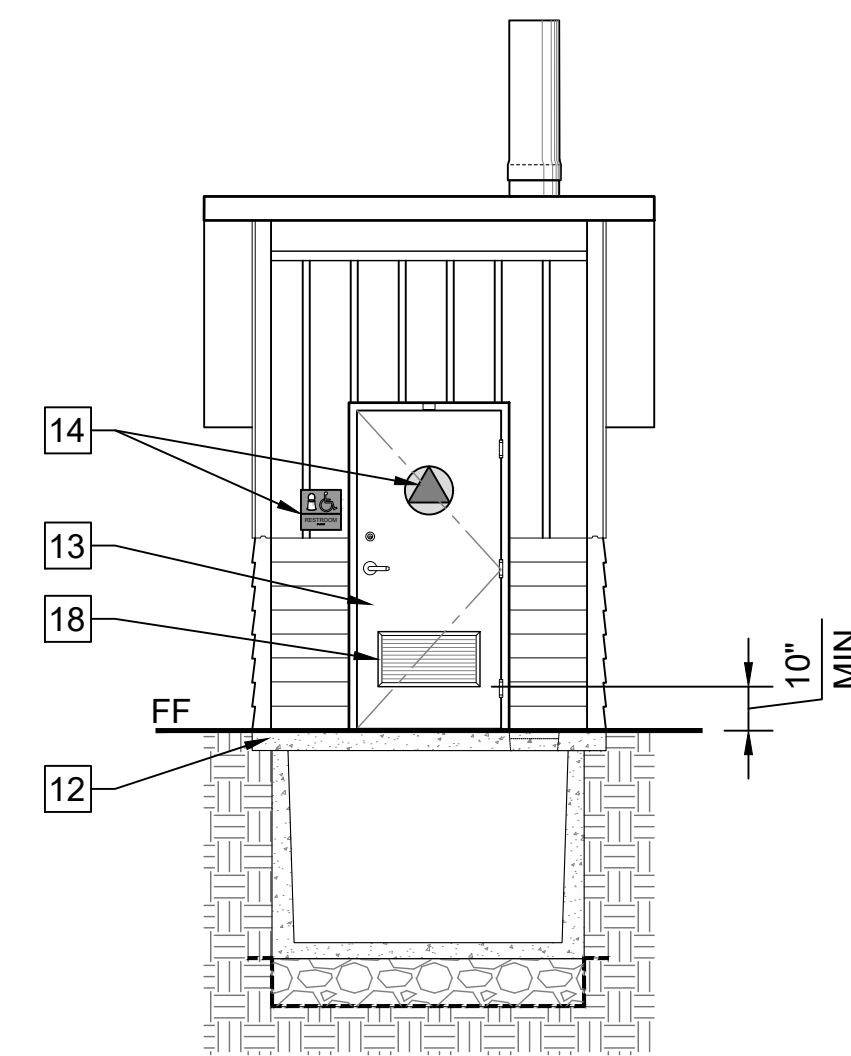
- 1. THE FLOOR PLAN IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL INCLUDING MANUFACTURER'S PLANS, ELEVATIONS, SECTIONS AND DETAILS. SHOP DRAWINGS SHALL BE STAMPED AND SIGNED BY A DESIGN PROFESSIONAL LICENSED IN THE STATE OF CALIFORNIA.
2. RESTROOMS SHALL BE PRECAST CONCRETE TOILET MODULAR AND CBC CHAPTER 7A COMPLIANT THAT PROVIDE A FULLY INTEGRAL, OPERATIONAL BUILDING. SEE SPECIFICATIONS FOR DEFERRED SUBMITTAL REQUIREMENTS.
3. BASIS OF DESIGN: THE FLOOR PLAN, ROOF PLAN, AND ELEVATIONS ARE BASED, IN GENERAL, ON THE CXT PRECAST PRODUCT, A MODIFICATION OF THE MODEL SINGLE CASCADIAN RIGHT HAND STANDARD BUILDING. EQUIVALENT PRODUCTS FROM OTHER MANUFACTURER'S REVIEWED BY CALIFORNIA DEPARTMENT OF PARKS AND RECREATION, ACQUISITION AND DEVELOPMENT DIVISION, MAY BE SUBSTITUTED IN ACCORDANCE WITH PROVISIONS OF THE CONTRACT.
4. ALL DIMENSIONS SHOWN ARE MINIMUM REQUIRED DIMENSIONS. REFER TO SHEET C-37 FOR ACCESSIBLE REQUIREMENTS.
5. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-31.



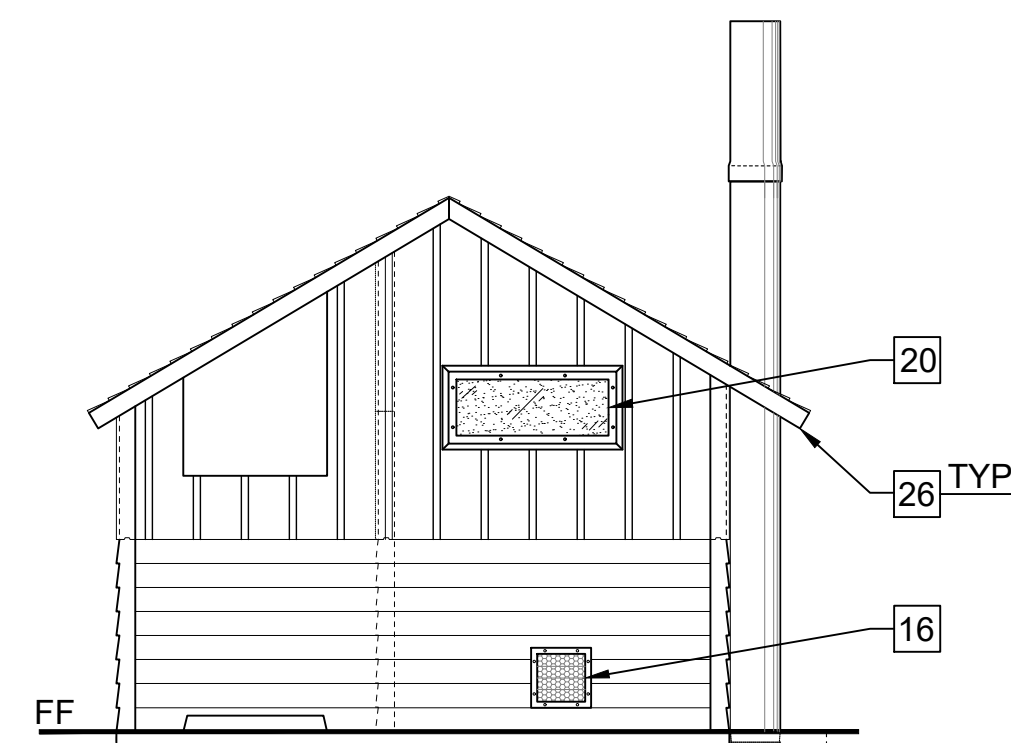
1 FRONT ELEVATION SCALE@24X36 1/4" = 1'-0"



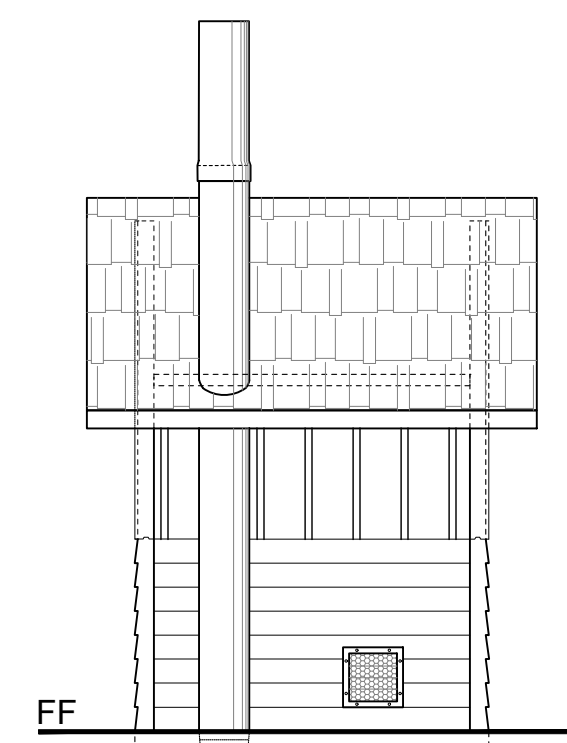
3 RIGHT SIDE ELEVATION SCALE@24X36 1/4" = 1'-0"



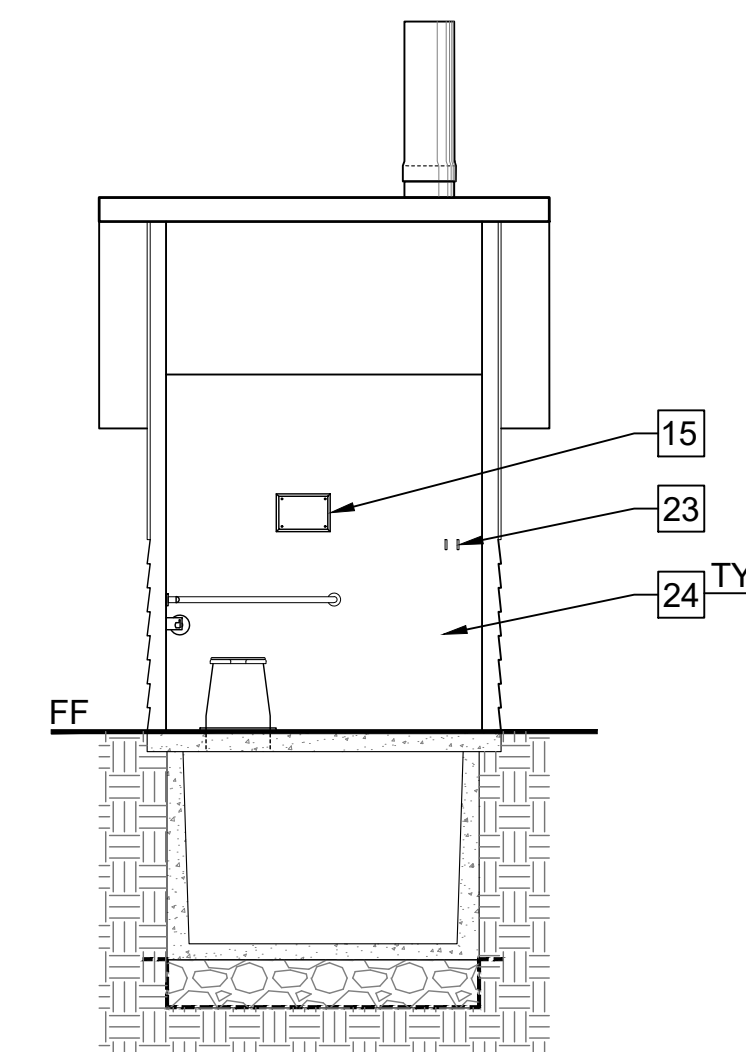
5 SECTION A-A SCALE@24X36 1/4" = 1'-0"



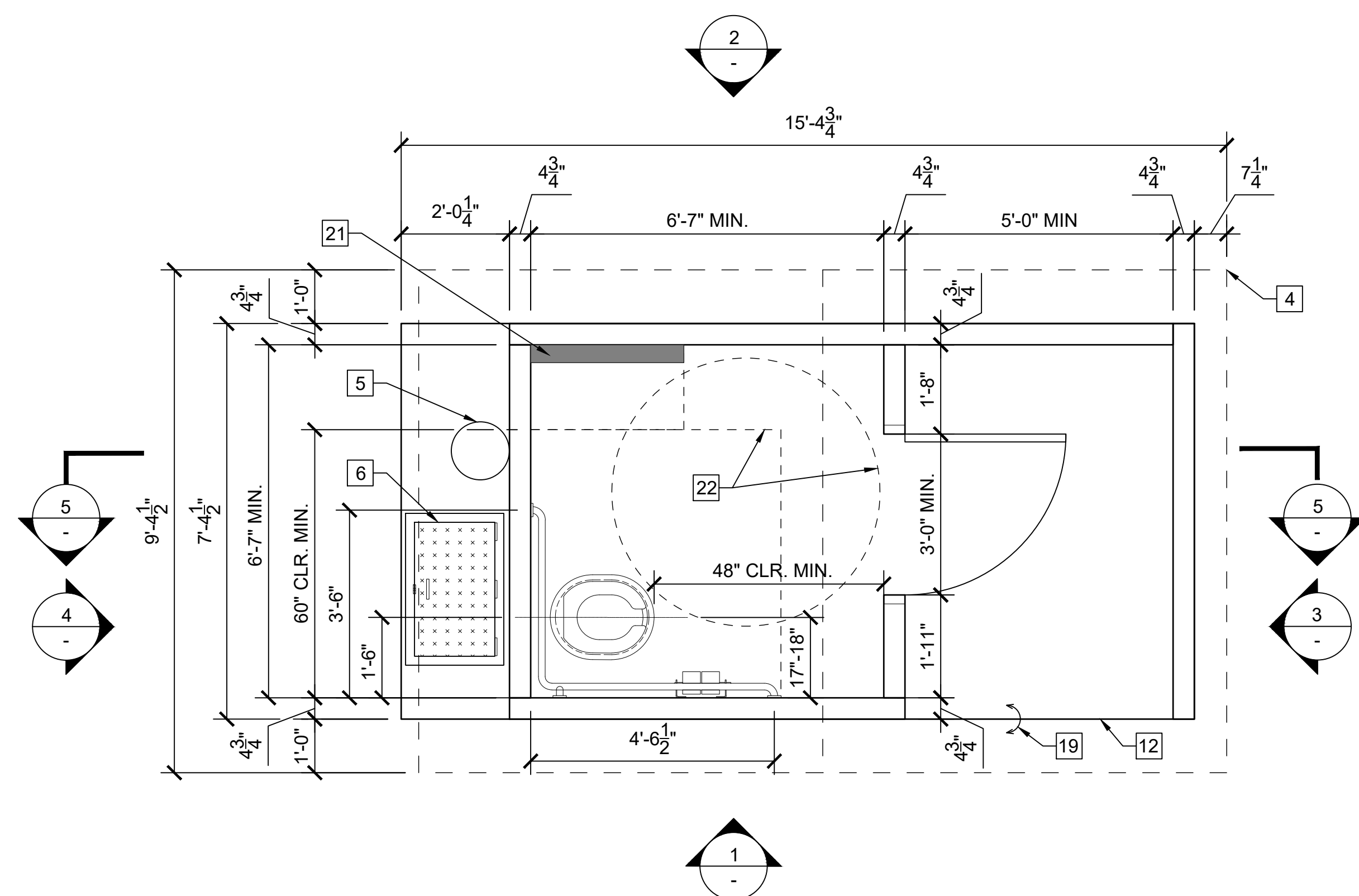
2 REAR ELEVATION SCALE@24X36 1/4" = 1'-0"



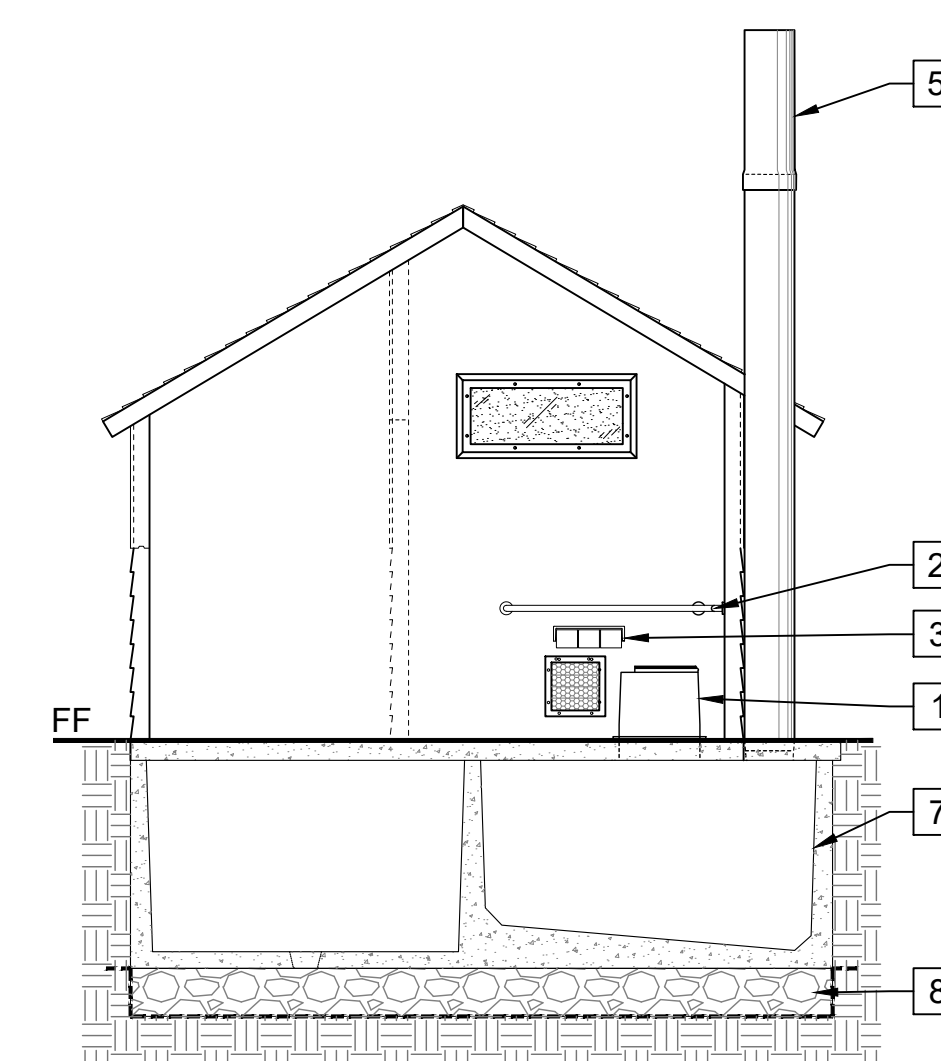
4 LEFT SIDE ELEVATION SCALE@24X36 1/4" = 1'-0"



7 SECTION B-B SCALE@24X36 1/4" = 1'-0"



7 FLOOR PLAN SCALE@24X36 1/2" = 1'-0"

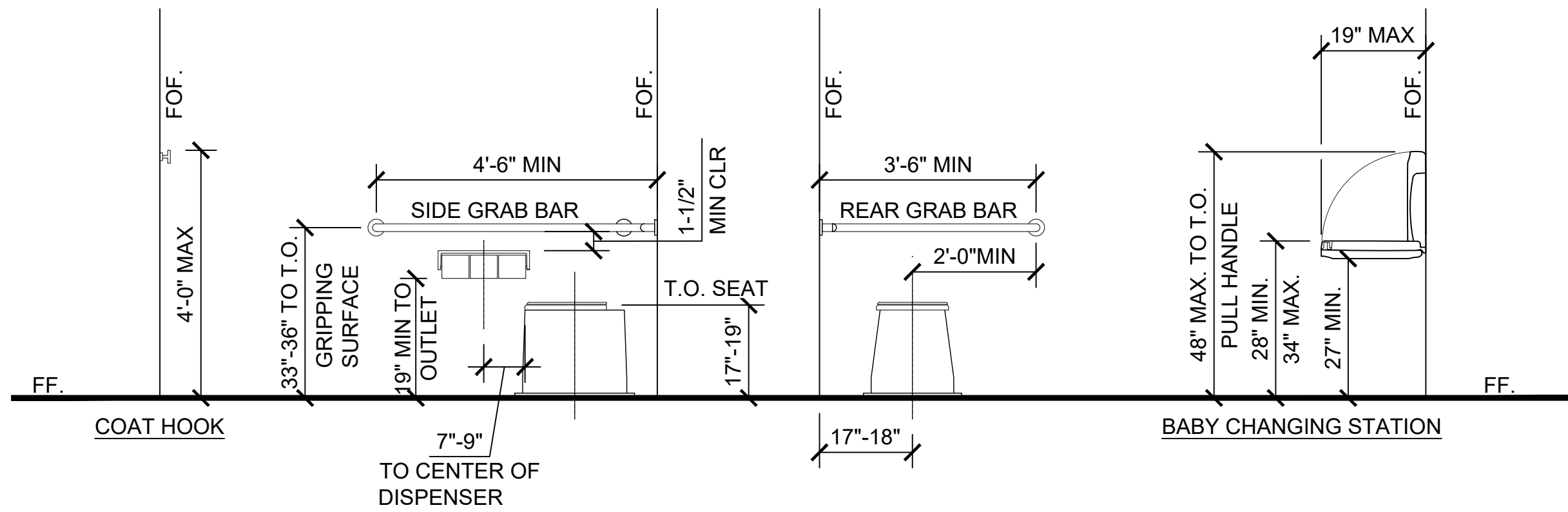


5 LONGITUDINAL SECTION SCALE@24X36 1/4" = 1'-0"

File: Q:\santa_cruz_district\wide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-33 Precast Single Vault RR Bldg - Burleigh Murray Date: October 30 2023 - 2:20 pm User: tle



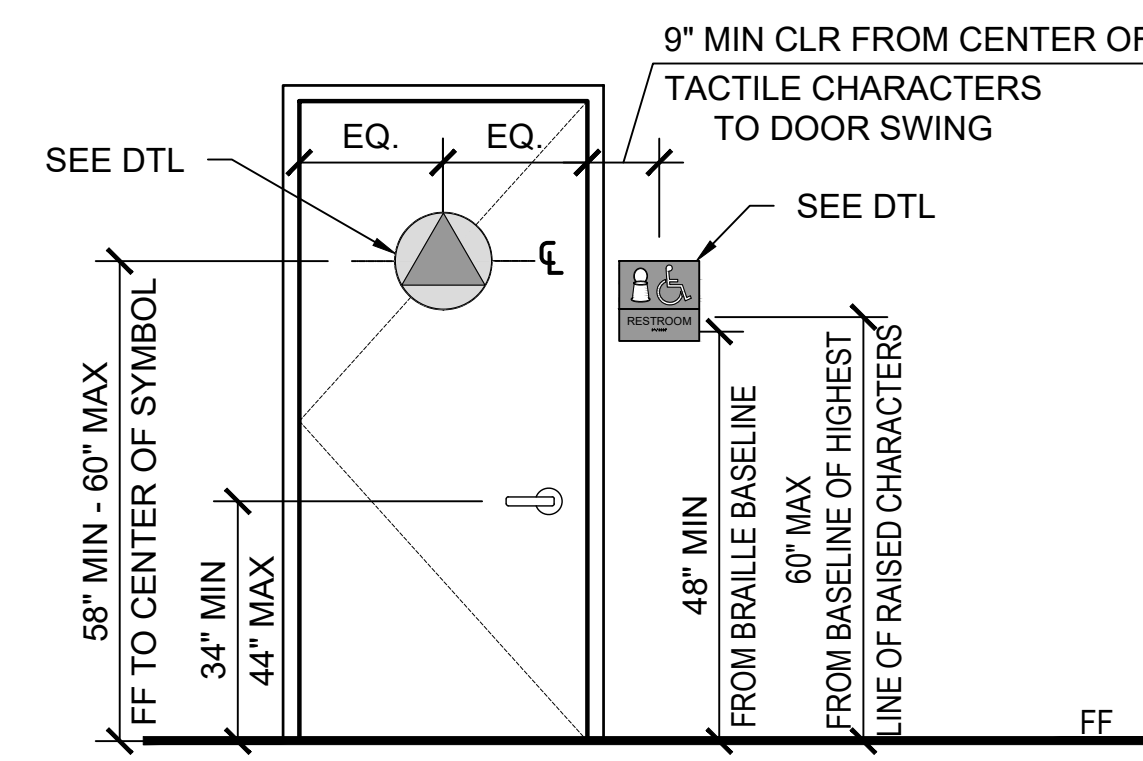
FACILITIES AND DEVELOPMENT DIVISION



- NOTES:
- REFER TO 2022 CBC FOR FURTHER INFORMATION :
 - SECTION 11B-306 KNEE AND TOE CLEARANCE
 - SECTION 11B-308 REACH RANGES
 - SECTION 11B-604 WATER CLOSETS AND TOILET COMPARTMENTS
 - NO TOLERANCE PERMITTED BEYOND NOTED MINIMUMS OR MAXIMUMS.
 - OPERATING HANDLE, 5 LBS MAXIMUM OPERATING FORCE AUTOMATIC OR PLACED ON WIDE SIDE OF THE FIXTURE COMPARTMENT.

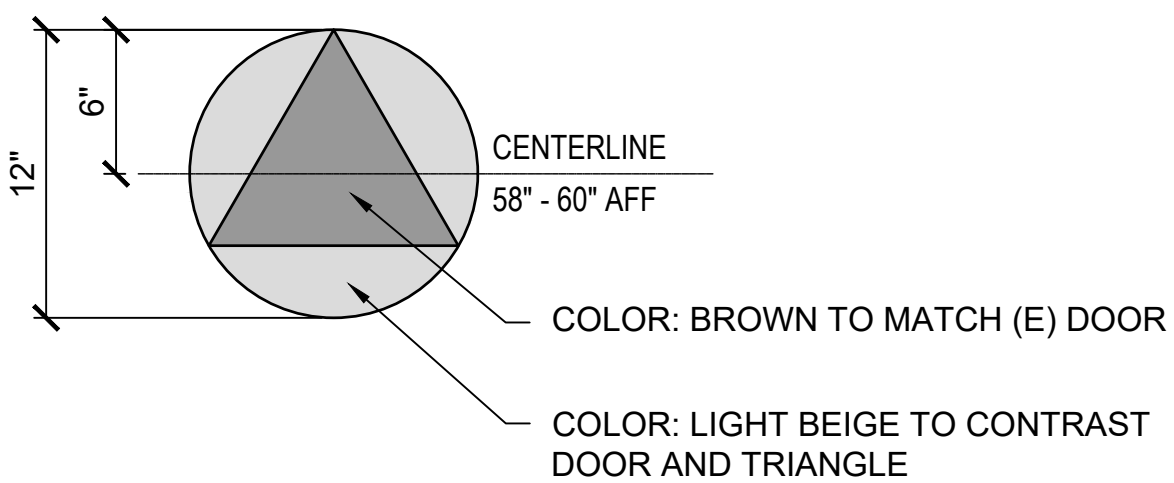
1 RESTROOM FIXTURE MOUNTING LOCATIONS
SCALE@22X34 1/2" = 1'-0"

- NOTES: ADJUST DOOR OPENING TO 5 LBS OF FORCE MAX
ADJUST DOOR CLOSER WHEN DOOR IS OPENED OF MIN 70° DOOR SHALL CLOSE A MIN TIME OF 1.5 SECONDS

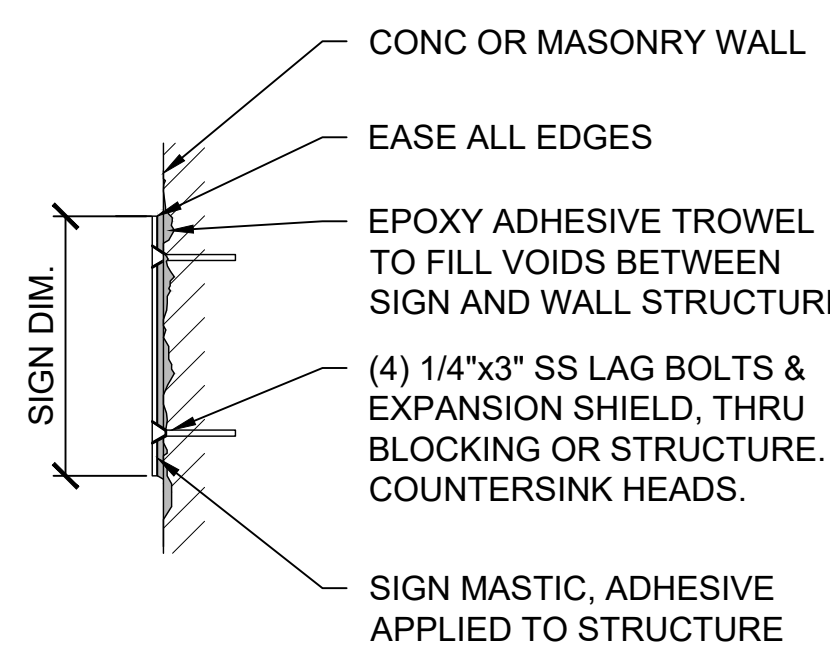


2 RESTROOM SIGN LOCATION
SCALE@22X34 1/2" = 1'-0"

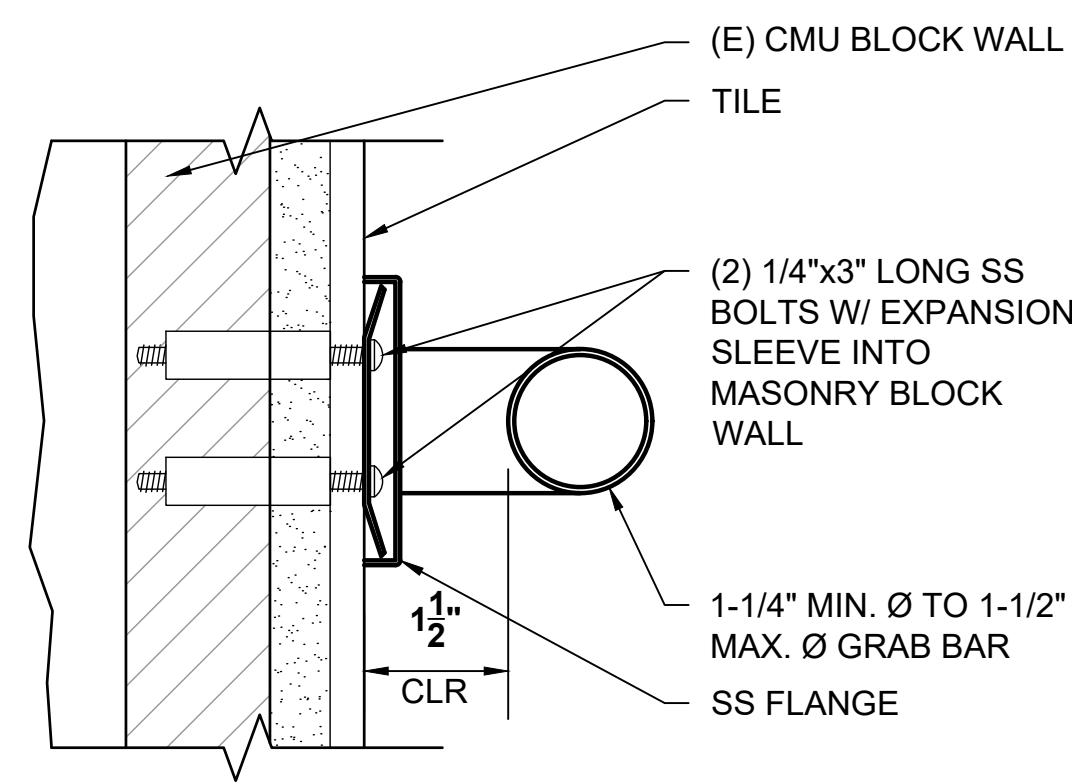
- NOTES:
- RESTROOM DOOR SIGNS: 1/4" THICK - SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. UNISEX CIRCLE SHALL COLOR CONTRAST WITH DOOR COLOR AND TRIANGLE COLOR, CONTRAST SHALL BE 70% MIN.
 - MOUNTED 58" - 60" AFF TO THE CENTER OF THE SIGN AND CENTERED ON THE DOOR
 - NO LETTERS OR CHARACTERS



3 RESTROOM DOOR SIGN
SCALE@22X34 1 1/2" = 1'-0"

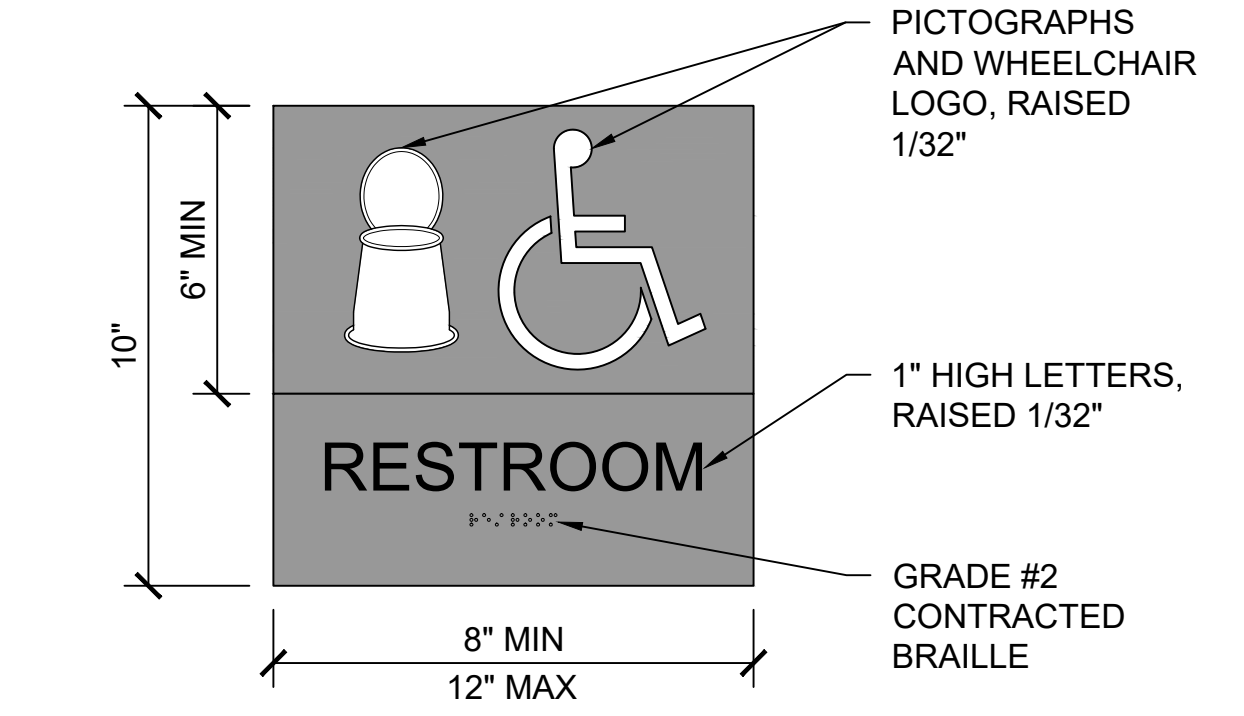
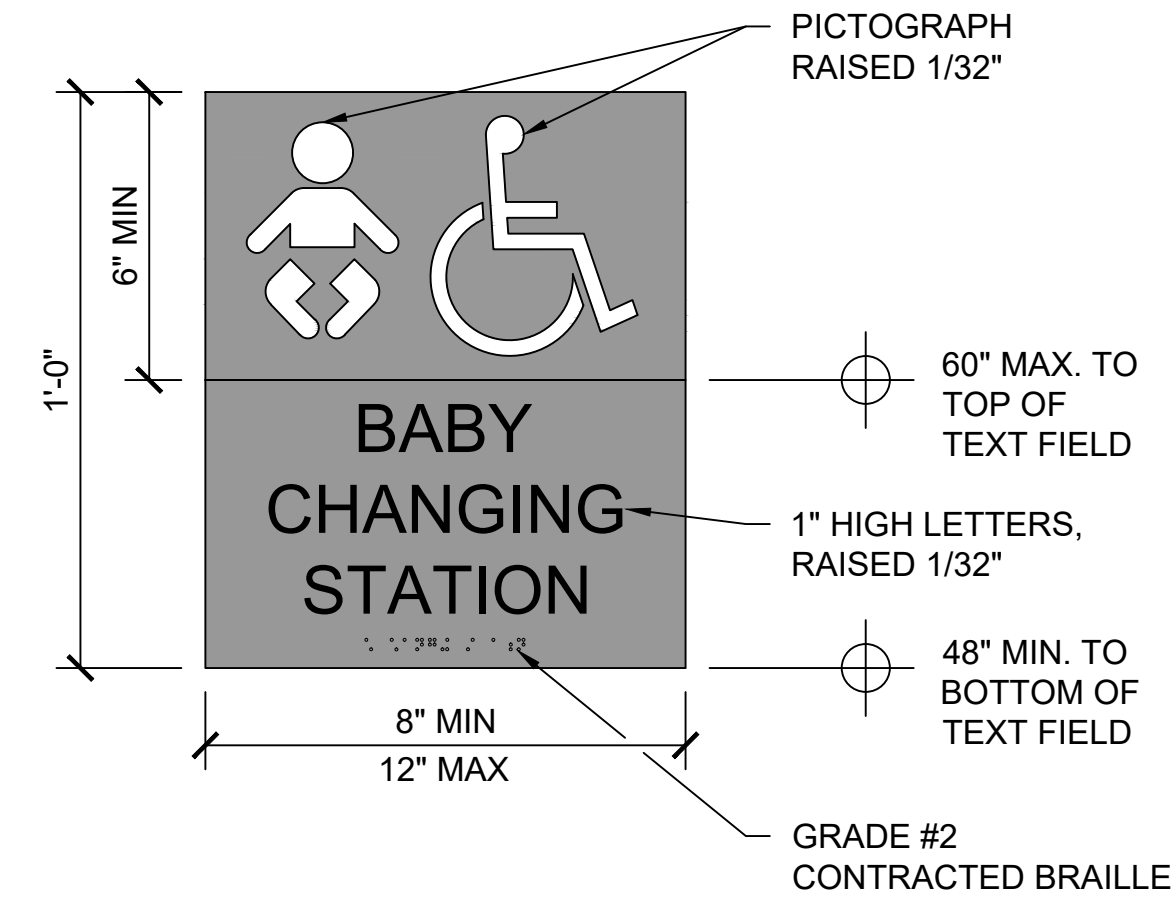


4 WALL SIGNS MOUNTING
SCALE@22X34 1 1/2" = 1'-0"



5 GRAB BAR MOUNTING
SCALE@22X34 6" = 1'-0"

- NOTES: ALL WALL & DOOR SIGNS: 1/4" THICK, SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. SYMBOLS AND LETTER SHALL CONTRAST AND BE SELECTED BY STATE REPRESENTATIVE FROM MANUFACTURERS FULL LINE OF COLOR OFFERINGS. UNO. COLOR SHALL BE THROUGH PRODUCT, NOT A COLOR SHEET APPLIED TO A TRANSPARENT OR TRANSLUCENT SHEET OF ACRYLIC. REFER TO 2022 CBC SECTION 11B.703 FOR FURTHER INFORMATION



6 RESTROOM WALL SIGNS
SCALE@22X34 3" = 1'-0"



DPR ACCESS COMPLIANCE REVIEW	
ACCESSIBILITY SECTION	
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Reviewed by	Date
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER	

DESIGNED:	TL
DRAWN:	TL
CHECKED:	MP
DATE:	OCTOBER 2023

REVISIONS	DATE

BURLEIGH H. MURRAY RANCH SP
VAULT RESTROOM PLACEMENT
RESTROOM DETAILS

206279.038
SHEET NO.
C-35
038 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replacement\Civil\C-35 RESTROOM DETAILS.dwg Layout: C-35 RESTROOM DETAILS.dwg User: ile Date: October 30, 2023 - 2:38 pm

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION FACILITIES AND DEVELOPMENT DIVISION

COWELL RANCH STATE BEACH VAULT RESTROOM PLACEMENT

CSFM # 23-N-2336-C-NW

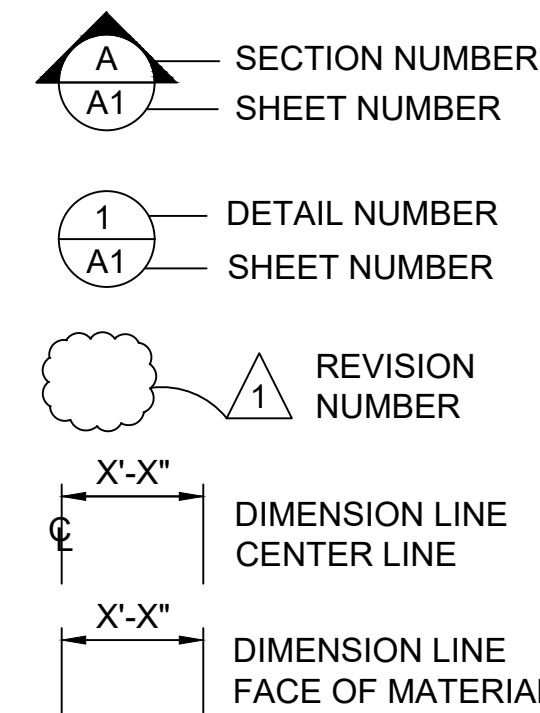


FACILITIES AND DEVELOPMENT DIVISION

MAKE READY SITE AND INSTALL OF PRECAST CONCRETE VAULT RESTROOM. UPGRADE EXISTING PARKING TO MEET CURRENT ACCESSIBLE REQUIREMENTS. BARRIER REMOVAL AT PATH OF TRAVEL FROM PARKING TO RESTROOM AND ANY DAY-USE SITE AMENITIES ON THE PATH OF TRAVEL.

SCOPE OF WORK

- ALL MATERIALS SHOWN OR NOTED ON THE PLANS ARE NEW UNLESS CALLED OUT OTHERWISE.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS SHOWN OR DIMENSIONED HERE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STATE REPRESENTATIVE FOR RESOLUTION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE FOLLOWING LISTED CODES, AND ALL OTHERS HAVING JURISDICTION OVER THE WORK.
 - 2022 CA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
 - 2022 CA BUILDING CODE (CBC), VOLUMES 1 AND 2, PART 2, TITLE 24, C.C.R. (2018 INTERNATIONAL BUILDING CODE AND 2019 CA AMENDMENTS)
 - 2022 CA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2020 CA AMENDMENTS)
 - 2022 CA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2021 CA AMENDMENTS)
 - 2022 CA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R. (2021 UNIFORM PLUMBING CODE W/ 2021 CA AMENDMENTS)
 - 2022 CA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R. (2008 CA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)
 - 2022 CA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R. (2021 INTERNATIONAL FIRE CODE AND 2021 CA AMENDMENTS)
 - 2022 CA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.
 - 2022 CA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
 - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.
 - 2022 TITLE 19 C.C.R., PUBLIC SAFETY, DIVISION 1 STATE FIRE MARSHAL REGULATIONS.



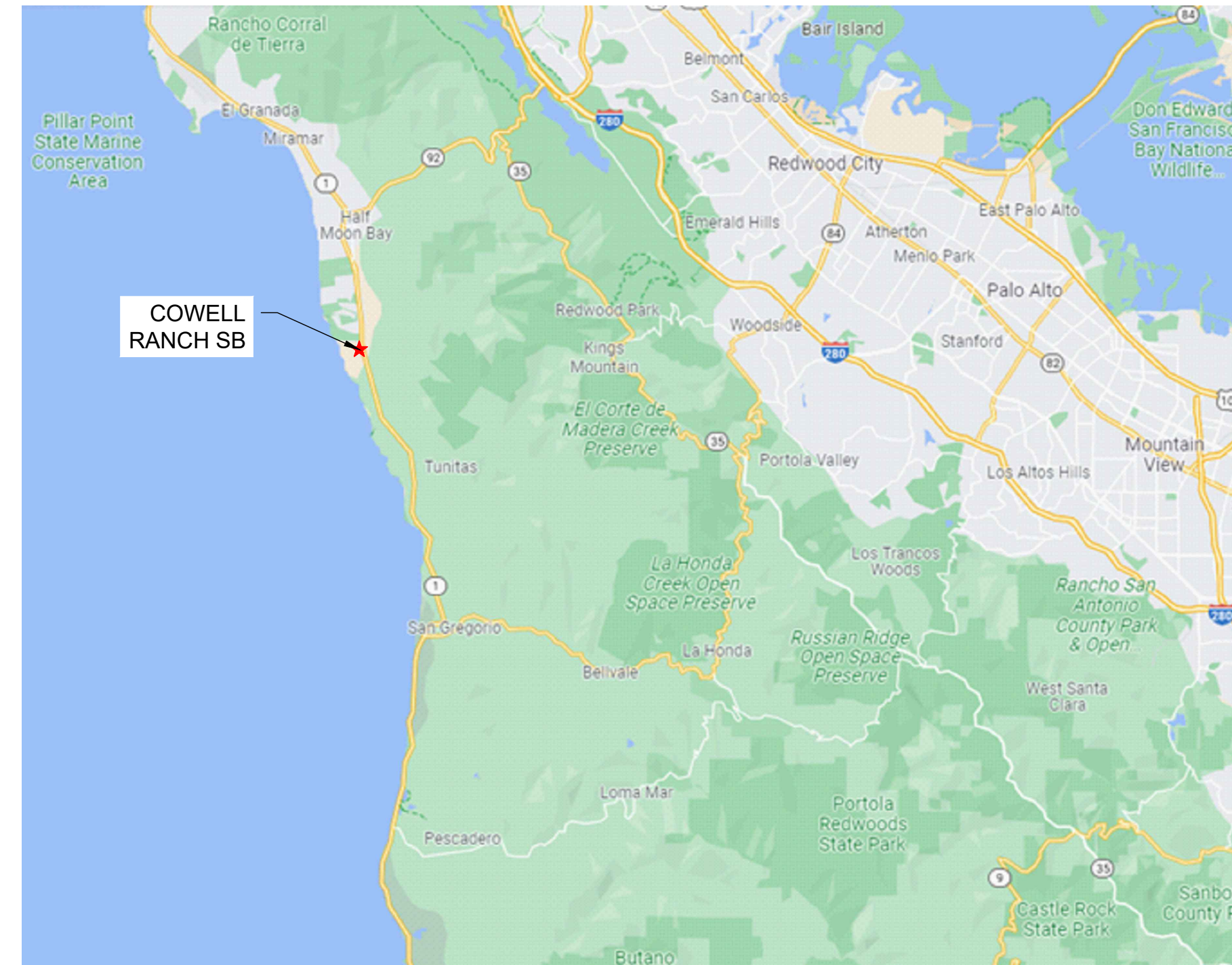
SYMBOLS LEGEND

GENERAL NOTES

- CONDUCT ALL WORK IN ACCORDANCE WITH THE LATEST SAFETY RULES AND REGULATIONS OF ALL AUTHORITIES AND AGENCIES HAVING JURISDICTION OVER THE WORK.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. WHERE DETAILED INFORMATION OR CLARIFICATION IS REQUIRED, THE MATTER SHALL BE REFERRED TO THE STATE REPRESENTATIVE FOR WRITTEN RESOLUTION.
- THE CONTRACTOR SHALL NOT SCALE THE DRAWINGS, BUT SHALL RELY ONLY ON THE WRITTEN DIMENSIONS GIVEN. IF A DISCREPANCY OCCURS OR NO DIMENSION IS GIVEN, THE CONTRACTOR SHALL NOTIFY THE STATE REPRESENTATIVE FOR WRITTEN CLARIFICATION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- COMPLIANCE WITH ACCESSIBLE REGULATIONS FOR SLOPES AS STATED ON THE PLANS WILL BE VERIFIED BY THE STATE'S REPRESENTATIVE UTILIZING A 24 INCH DIGITAL LEVEL. THE 24 INCH DIGITAL LEVEL WILL BE SUPPLIED BY THE STATE AND WILL BE CALIBRATED BY THE STATE'S REPRESENTATIVE PRIOR TO THE TAKING OF ANY MEASUREMENTS. MEASUREMENTS WILL BE TAKEN IN ANY DIRECTION WITH THE 24" DIGITAL LEVEL AND MEASUREMENTS WILL VERIFY COMPLIANCE WITH SLOPES SPECIFIED ON THE PLANS. WORK THAT DOES NOT MEET THE REQUIREMENTS SHALL BE CONSIDERED NON-COMPLIANT AND WILL NOT BE ACCEPTED BY THE STATE. ANY AREA WHICH IS NON-COMPLIANT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

DEFERRED SUBMITTALS

LOCAL FIRE AUTHORITY APPROVAL



SHEET INDEX		
PAGE	NO.	TITLE SHEET
001	G-1	COVER SHEET
002	G-2	GENERAL NOTES & ABBREVIATIONS
003	G-3	OVERALL SITE PLAN
006	C-3	EXISTING CONDITION & DEMO PLAN
007	C-4	PAVING, HORIZONTAL CONTROL & GRADING PLAN
025	C-22	GRADING & PAVING SECTIONS 1
031	C-28	ACCESSIBLE PARKING & CONCRETE JOINT DETAILS
032	C-29	SITE PAVING DETAILS
034	C-31	SITE DETAILS
036	C-33	PRECAST SINGLE VAULT RESTROOM BUILDING
038	C-35	RESTROOM DETAILS

SHEET INDEX

1	OCCUPANCY CLASSIFICATION	B
2	BUILDING CONSTRUCTION TYPE	I-B
3	NUMBER OF STORIES	1
4	ACTUAL BUILDING HEIGHT	11'-6"
5	BUILDING AREA IN SQUARE FEET	110 SF
6	AREA OF PROJECT IN SQUARE FEET	400 SF
7	SEPARATED OR NON-SEPARATED USE	NON-SEPARATED
8	ALLOWABLE AREA PER CBC	UL
9	AREA INCREASE	NO
10	HEIGHT INCREASE	NO
11	FIRE SPRINKLERS TYPE: (WET, DRY, PRE-ACTION OR DELUGE)	NO
12	FIRE ALARM TYPE: (MANUAL, AUTOMATIC, ETC)	NO
13	OTHER FIRE PROTECTION SYSTEMS, IF ANY	NO
14	SMOKE CONTROL SYSTEM	NO
15	OCCUPANT LOAD FOR ENTIRE BUILDING AND EACH FLOOR	1
16	YEAR BUILDING WAS CONSTRUCTED	NEW
17	IN A HIGH FIRE HAZARD SEVERITY ZONE?	NO

NOTE: ALL ROOMS ARE SINGLE OCCUPANCY, BASED ON OCCUPANT LOAD OF 1 OCCUPANT PER 150 SQUARE FEET, AND EXIT DIRECTLY TO THE EXTERIOR.

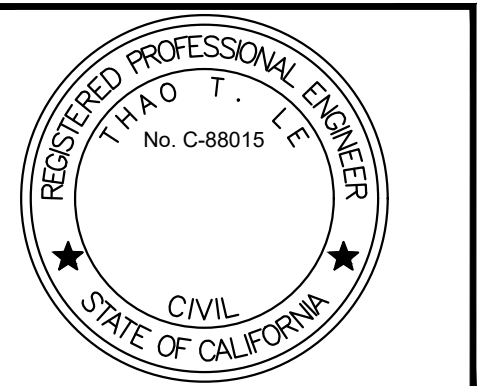
BUILDING CODE REVIEW

STATE OF CALIFORNIA
DEPARTMENT OF PARKS AND RECREATION
FACILITIES AND DEVELOPMENT DIVISION
NORTHERN SERVICE CENTER
2241 HARVARD STREET, SUITE 200
SACRAMENTO, CA 95815

PREPARED BY

SANTA CRUZ DISTRICTWIDE
HIGHWAY 1, HALF MOON BAY, CA 94019
PARK SECTOR OFFICE: 95 KELLY AVENUE, HALF MOON BAY, CA 94019
SAN MATEO COUNTY

SITE ADDRESS



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by: _____ Date: _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

COWELL RANCH STATE BEACH
VAULT RESTROOM PLACEMENT
COVER SHEET

206279.001

SHEET NO.
G-1
001 OF 038

CONCRETE

- STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH AS REQUIRED IN NOTE 24. MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.
- CONCRETE MIX DESIGNS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER, REVIEWED BY CONTRACTOR'S TESTING LABORATORY AND SUBMITTED TO THE STATE REPRESENTATIVE FOR REVIEW.
- CEMENTITIOUS MATERIALS:
CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II.
FLY ASH SHALL CONFORM TO ASTM C-618. MAXIMUM QUANTIFY OF FLY ASH SHALL BE AS GIVEN IN SPECS (15% MAXIMUM UNO).
- CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE AND ASTM C-330 FOR LIGHTWEIGHT CONCRETE.
- NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREMIXED NONMETALLIC FORMULA.
- REINFORCING BARS SHALL CONFORM TO ASTM D7957 / D7957M-17 FOR #3 AND LARGER. CONTRACTOR SHALL SUBMIT REBAR MANUFACTURER CERTIFICATES.
- REINFORCING BARS SHALL BE INSTALLED ACCORDING TO ACI 440.1-15 "GUIDE FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL CONCRETE REINFORCED WITH FIBER-REINFORCED POLYMER BARS AND ACI 440.5-08 "SPECIFICATION FOR CONSTRUCTION WITH FIBER-REINFORCED POLYMER REINFORCING BAR."
- DIMENSION SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS LISTED AND DENOTE CLEAR COVERAGE. NON-PRESTRESSED, CAST-IN-PLACE CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO:
CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) _____ 3"
CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS:
#5 AND SMALLER _____ 1-1/2"
#6 AND LARGER _____ 2"
SLABS (ON FORMS) _____ 3/4"
SLABS (ON GROUND) _____ 2" CLEAR FROM TOP UNO
- SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED UNO, SEE SCHEDULE THIS SHEET. SPLICES IN ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLICE CONTINUOUS BARS IN SOIL-BEARING GRADE BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIONS AS FOLLOWS UNO: TOP BARS AT CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLICE CONTINUOUS BARS IN ELEVATED SLABS AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE OF SUPPORT. SPLICES IN WWF SHALL BE 1-1/2" MESHES WIDE.
- THE MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN THE LARGER OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM AGGREGATE SIZE (NOMINAL), WHICHEVER IS GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR SPACING BETWEEN DIFFERENT LAYERS OF PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A CONTACT LAP SPLICE AND ADJACENT SPLICES OR BARS.
- ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED. AT WALLS, PROVIDE HOOKS AT ENDS OF ALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS, UNO.
- CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SAND BLASTING, OR RAKING THE SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
- REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE.
- ANCHOR BOLTS (AB'S) CAST IN CONCRETE OR MASONRY FOR WALL SILL AND LEDGER / APPLICATIONS SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM A307, UNO. REFER TO "WOOD" NOTES FOR ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH PRESSURE TREATED OR FIRE RETARDANT MATERIAL. REFER TO 'STRUCTURAL STEEL' NOTE FOR REQUIREMENTS FOR ANCHOR RODS (AR'S) CAST IN CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED APPLICATIONS.
- DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMN FROM FOUNDATION WITH SAME SIZE BAR.
- CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING BARS (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES HOPPER AND CHUTES OR TRUNKS OF VARIABLE LENGTHS SHALL BE USED SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 6 FEET.
- DRILL THROUGH STEEL COLUMNS, BEAMS AND PLATES TO PASS CONTINUOUS REINFORCING.
- NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
- PROVIDE #5 x 4'-0" DIAGONAL REINFORCING AT TOP AND BOTTOM OF SLAB AT ALL RE-ENTRANT CORNERS TYPICAL. THIS APPLIES TO SLAB ON GRADE, CONCRETE OVER METAL DECK, AND ELEVATED STRUCTURAL SLAB CONDITIONS.
- ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR DAMAGE.
- BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED.
- NOTIFY STATE REPRESENTATIVE A MINIMUM OF 48 HOURS BEFORE PLACING ANY CONCRETE.
- CONCRETE STRENGTHS & MIX PROPERTIES:

ITEM	F'C @ 28 DAYS	MAX. AGGR. SIZE	WEIGHT	MAX W/CM* RATIO
A. FOUNDATIONS	3500 PSI	1-1/2"	NW	0.45
B. SLAB ON GRADE	4000 PSI	1"	NW	0.45
C. SITE AND MISCELLANEOUS	3500 PSI	1"	NW	0.45

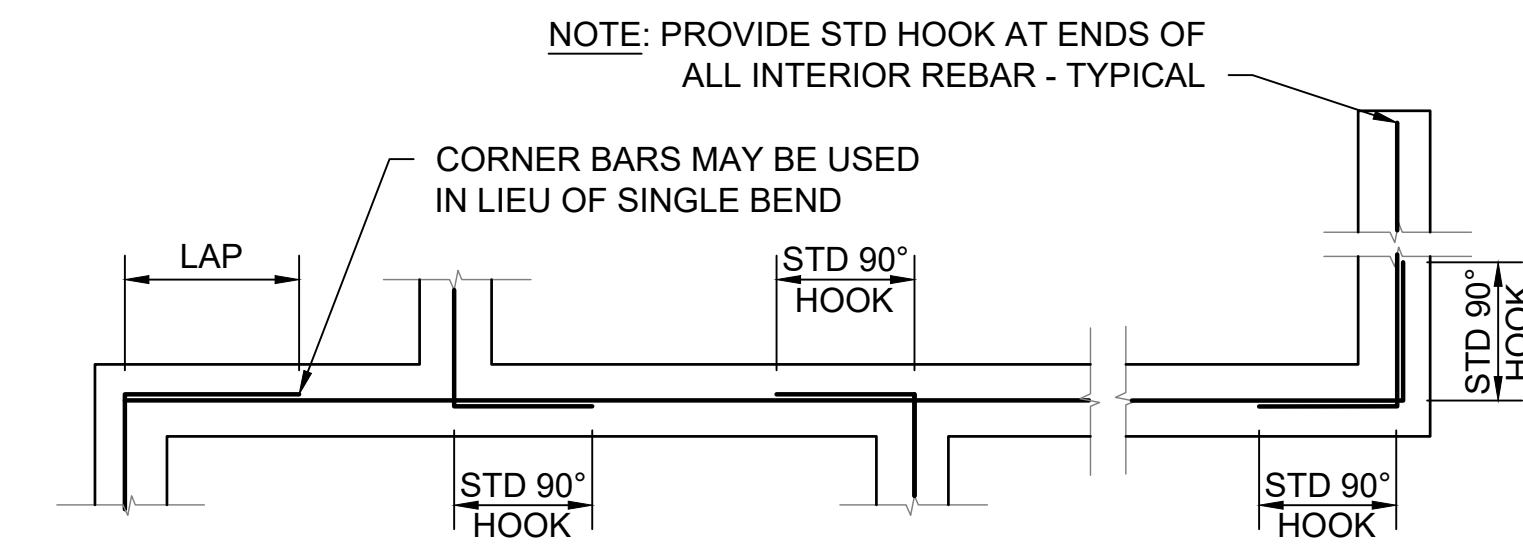
* W/CM = WATER : CEMENTITIOUS MATERIAL RATIO

REINFORCEMENT LAP SPLICE SCHEDULE:

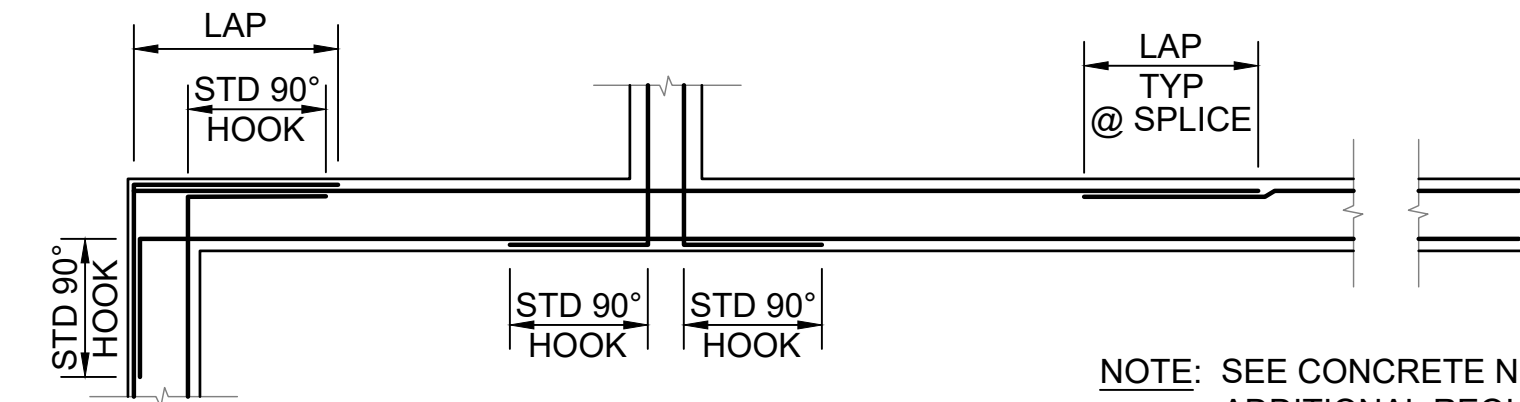
F'c = 3500 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	18	35	43	52	75	86	97	109	121
	OTHER	14	27	33	40	58	66	75	84	93
F'c = 4000 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	17	32	40	48	70	80	91	102	113
	OTHER	13	25	31	37	54	62	70	79	87

(ALL LENGTHS SHOWN ARE IN INCHES) ACI 318 2009 IBC 2016 CBC

- SCHEDULE APPLIES TO NORMAL WEIGHT CONCRETE WITH UNCOATED, GRADE 60 REINFORCING BARS FOR #4 BARS AND LARGER (VALUES FOR #3 BARS BASED ON GRADE 40).
- TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT LOCATED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.
- WHEN LIGHTWEIGHT CONCRETE IS USED, MULTIPLY LAP LENGTHS BY 1.30.
- WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR DIA. OR WHERE CLEAR COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIA., MULTIPLY LAP LENGTHS BY 1.50, UNO.
- WHERE NOTES #3 AND #4 OCCUR, MULTIPLY LAP LENGTHS BY 2.00, UNO.
- WHERE CLASS A LAP SPLICE IS NOTED IN DETAIL, DIVIDE LENGTH ABOVE BY 1.30.

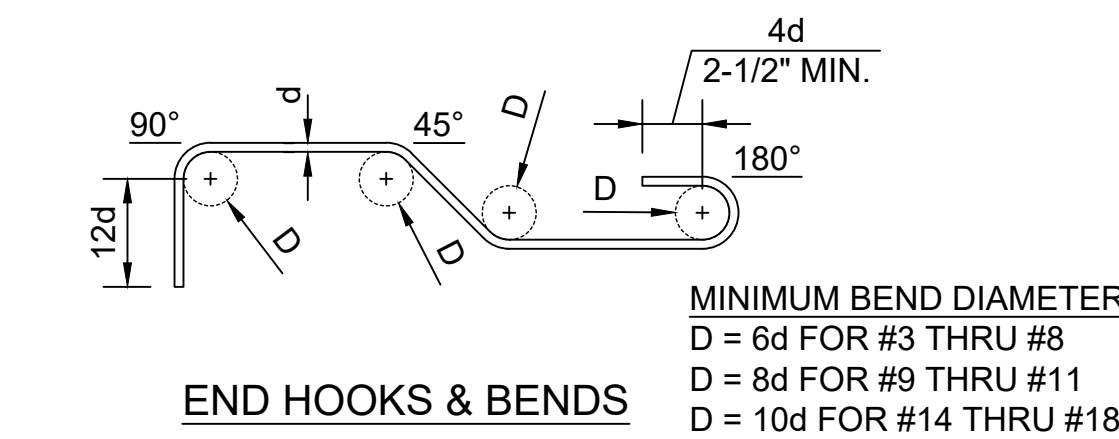


SINGLE LAYER BARS

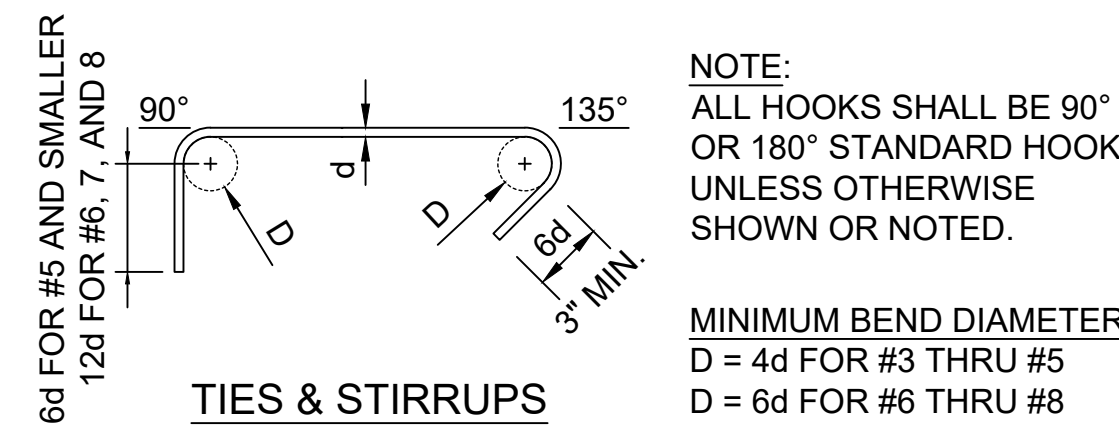


DOUBLE LAYER BARS

1 CORNER REINFORCING AT CONCRETE FOOTINGS
SCALE@22X34 3/8" = 1'-0"



END HOOKS & BENDS



TIES & STIRRUPS

2 STANDARD REBAR HOOKS & BENDS
SCALE@22X34 1 1/2" = 1'-0"

ABBREVIATIONS

'	FEET	Ø, D OR DIA	DIAMETER	H	HEIGHT	RC	RELATIVE COMPACTION
" OR IN	INCHES	D	DEPTH	HDG	HOT DIP GALVANIZE	RSP	ROCK SLOPE PROTECTION
&	AND	DBH	DIAMETER AT BREAST HEIGHT	HMA	HOT MIX ASPHALT	S	SOUTH
#	NUMBER OR POUNDS	DI	DRAINAGE INLET, DROP INLET	HOR	HORIZONTAL	S=	SLOPE
(E)	EXISTING	DIAG	DIAGONAL	HW	HEAD WALL	SCD	SEAT COVER DISPENSER
(N)	NEW	DIM	DIMENSION	ID	INSIDE DIAMETER	SCH	SCHEDULE
@	AT	DG	DECOMPOSED GRANITE	IE	INVERT ELEVATION	SCO	SANITARY CLEAN OUT
AB	AGGREGATE BASE	DTL	DETAIL	L	LENGTH	SD	SOAP DISPENSOR
AC	ASPHALTIC CONCRETE	DWG	DRAWING	LAV	LAVATORY	SF	SQUARE FEET
ADA	AMERICAN DISABILITIES ACT	E	EAST	LF	LINEAR FEET	SND	SANITARY NAPKIN DISPOSAL
ADJ	ADJUSTABLE	EA	EACH	LS	LANDSCAPE	SPEC'S	SPECIFICATIONS
AFF	ABOVE FINISH FLOOR	EF	EACH FACE	LVR	LOUVER	SQ	SQUARE
APPROX	APPROXIMATE	EG	EXISTING GRADE ELEVATION	MAX	MAXIMUM	SS	STAINLESS STEEL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	ELV	ELEVATION	MFR	MANUFACTURER	STA	STATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	EOG	EDGE OF GUTTER	MIN	MINIMUM	STD	STANDARD
AWS	AMERICAN WELDING SOCIETY	EP	EDGE OF PAVEMENT	MISC	MISCELLANEOUS	TC	TOP OF CURB ELEVATION
BC	BOTTOM OF CURB ELEVATION	EQ	EQUAL	N	NORTH	TD	TRENCH DRAIN
BLDG	BUILDING	(E)P	EXISTING PAVEMENT ELEVATION	N/A	NOT APPLICABLE	TPD	TOILET PAPER DISPENSER
B.O.	BOTTOM OF	(E)S	EXISTING STAIR ELEVATION	NPT	NATIONAL PIPE TAPER	T.O.	TOP OF
BW	BOTTOM OF WALL ELEVATION	(E)TC	EXISTING TOP OF CURB ELEVATION	NTS	NOT TO SCALE	TW	TOP OF WALL ELEVATION
CL	CENTERLINE	EV	ELECTRONIC VEHICLE	NW	NORMAL WEIGHT	TYP	TYPICAL
C	CONCRETE ELEVATION	EW	EACH WAY	OC	ON CENTER	UL	UNLIMITED
CBC	CALIFORNIA BUILDING CODE	EXP	EXPANSION	OD	OUTSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE
CIP	CAST-IN-PLACE	FF	FINISH FLOOR ELEVATION	P	PAVEMENT ELEVATION	UTIL	UTILITY
CLR	CLEAR	FG	FINISH GRADE	PCC	PORTLAND CEMENT CONCRETE	VIF	VERIFY IN FIELD
CO	CLEAN OUT	FL	FLOW LINE	PT	POINT	W	WATER, WEST, WIDTH
CONC	CONCRETE	FOF	FACE OF FINISH	PTD	PAPER TOWER DISPENSER	WWF	WELDED WIRE FABRIC
CONT	CONTINUOUS	GALV	GALVANIZED	PVC	POLYVINYL CHLORIDE	W/	WITH
CP	CONTROL POINT	GB	GRADE BREAK	R	RADIUS		



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

COWELL RANCH STATE BEACH
VAULT RESTROOM PLACEMENT
GENERAL NOTES & ABBREVIATIONS

206279.002

SHEET NO.

G-2

002 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
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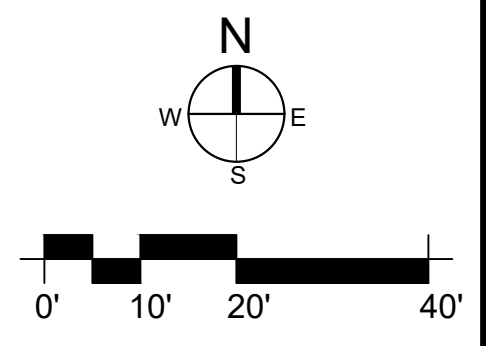
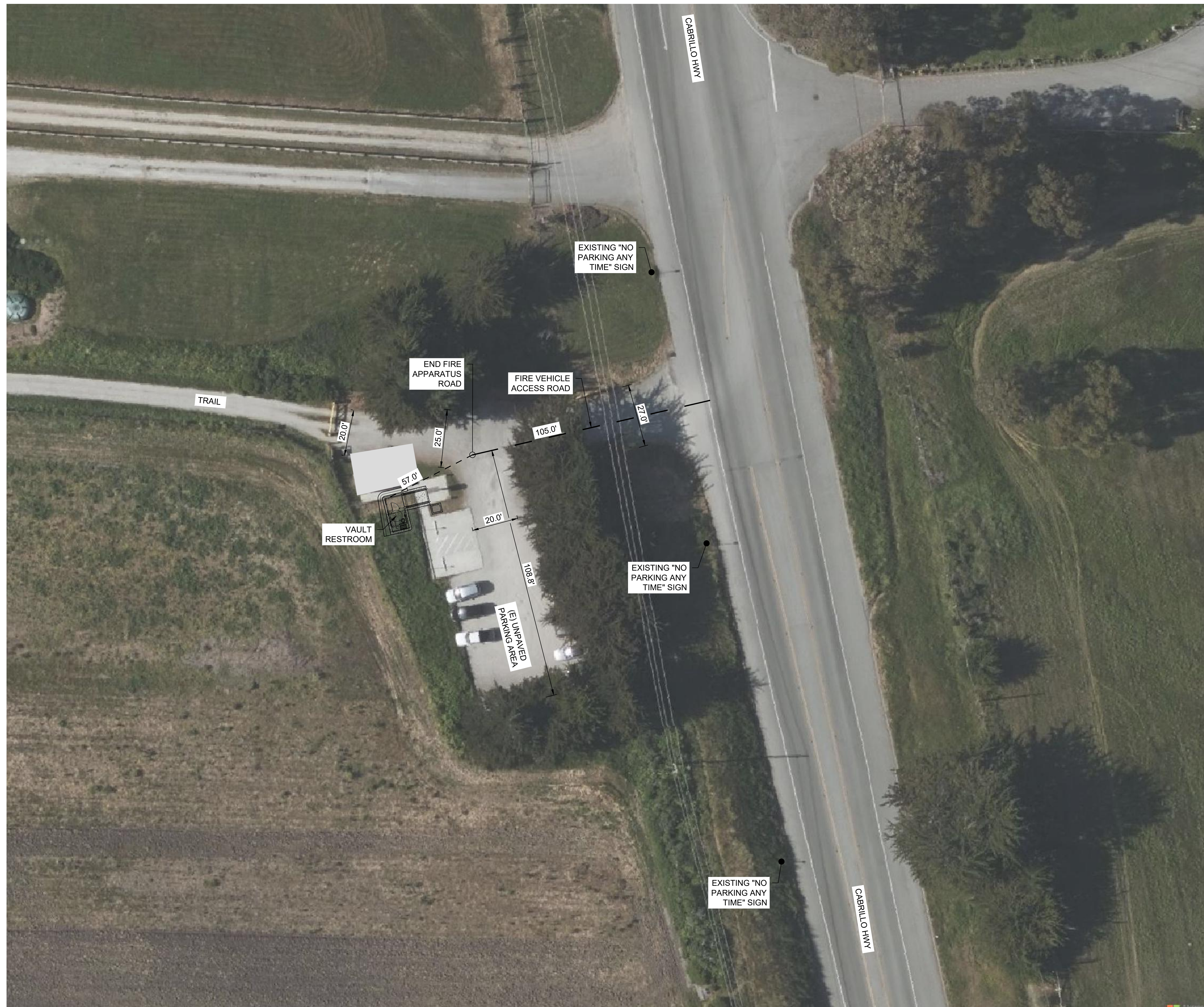
DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

COWELL RANCH STATE BEACH
VAULT RESTROOM REPLACEMENT
OVER ALL SITE PLAN

206279.003

SHEET NO.
G-3
003 OF 038



File: Q:\santa_cruz_districtwide\206279-sam_mateo_coast_tr_replace\05_drawings\Civil\G-3_LOCATION KEY.dwg Layout: Cowell Ranch_Overall SP Date: October 30, 2023 - 12:46 pm User: tle

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-3_EXISTING & DEMO PLAN - COWELL RANCH SB.dwg Layout: C-3 Existing & Demo Plan_CR Date: October 30 2023 - 12:58 pm User: ile



DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT CONCRETE, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) PORTABLE RESTROOM AND WOOD STRUCTURE
- ③ REMOVE & DISPOSE (E) CONCRETE, LIMITS PER PLAN
- ④ REMOVE & DISPOSE (E) WOODS POST, LIMITS PER PLAN
- ⑤ SALVAGE (E) SIGN AND POST. RELOCATE PER STATE REPRESENTATIVE
- ⑥ SALVAGE (E) TRASH CONTAINERS. RELOCATE PER STATE REPRESENTATIVE
- ⑦ (E) SIGNS & POST TO REMAIN (PROTECT IN PLACE)
- ⑧ (E) WOOD POSTS TO REMAIN (PROTECT IN PLACE)
- ⑨ (E) ACCESSIBLE PARKING TO REMAIN
- ⑩ (E) AT GRADE TIMBER TO REMAIN
- ⑪ (E) GATE TO REMAIN

LEGEND

- CONCRETE DEMOLITION
- (E) FENCE
- (E) WOOD FENCE
- (E) WHEEL STOPS
- SAWCUT
- (E) WOOD POST
- (E) SIGN AND POST
- (E) ELECTRIC PULLBOX
- SURVEY CONTROL POINT
- TREE PROTECTION ZONE

SURVEY CONTROL POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1981947.30'	6002277.06'	139.78'	SET CHISELED X
CP101	1982040.96'	6002382.85'	130.29'	SET MAG NAIL
CP102	1981895.67'	6002394.30'	137.34'	SET 5/8" REBAR W/ CAP
CP103	1982012.42'	6002246.49'	140.66'	SET 60D
CP5255	1981919.14'	6002359.08'	137.42'	FD 6" CONC CT 6x6

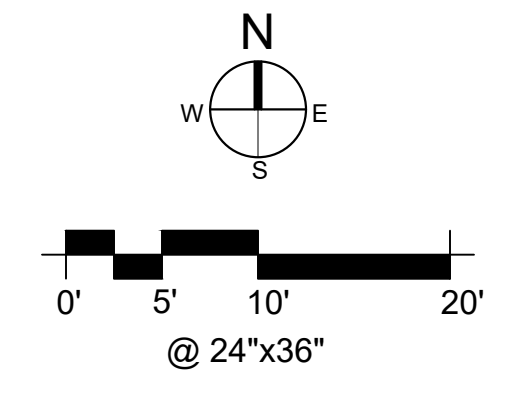
SAWCUT LINE TABLE

LINE	LENGTH	BEARING
L ₁	4.00'	S13°20'52"E
L ₂	4.55'	N76°47'16"E
L ₃	4.00'	S13°12'44"E
L ₄	4.55'	S76°47'16"W

GENERAL NOTES:

- 1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



DPR ACCESS COMPLIANCE REVIEW
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DEPARTMENT OF PARKS AND RECREATION
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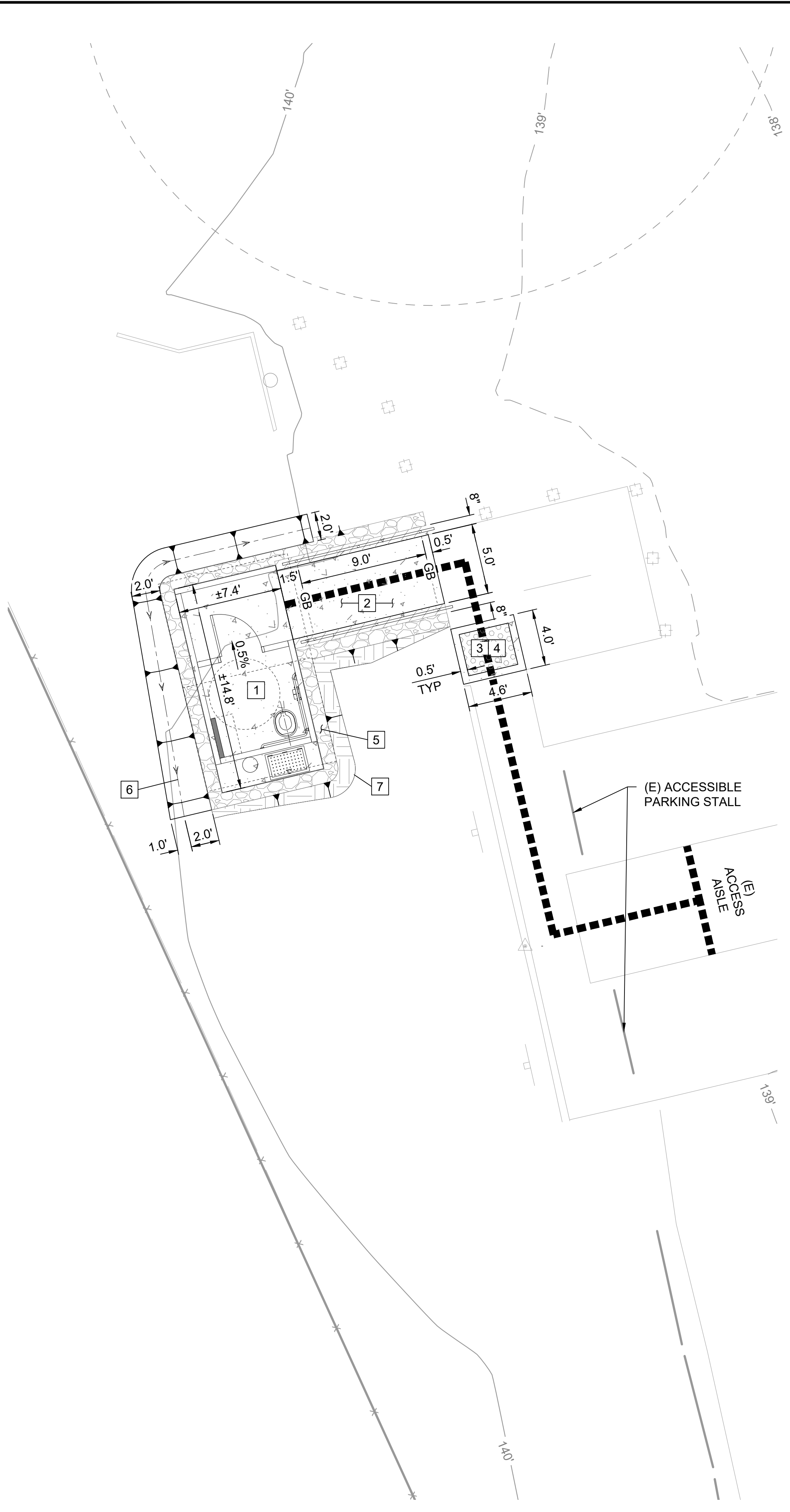
REVISIONS	DATE

COWELL RANCH STATE BEACH
 VAULT RESTROOM PLACEMENT
EXISTING CONDITION & DEMO PLAN

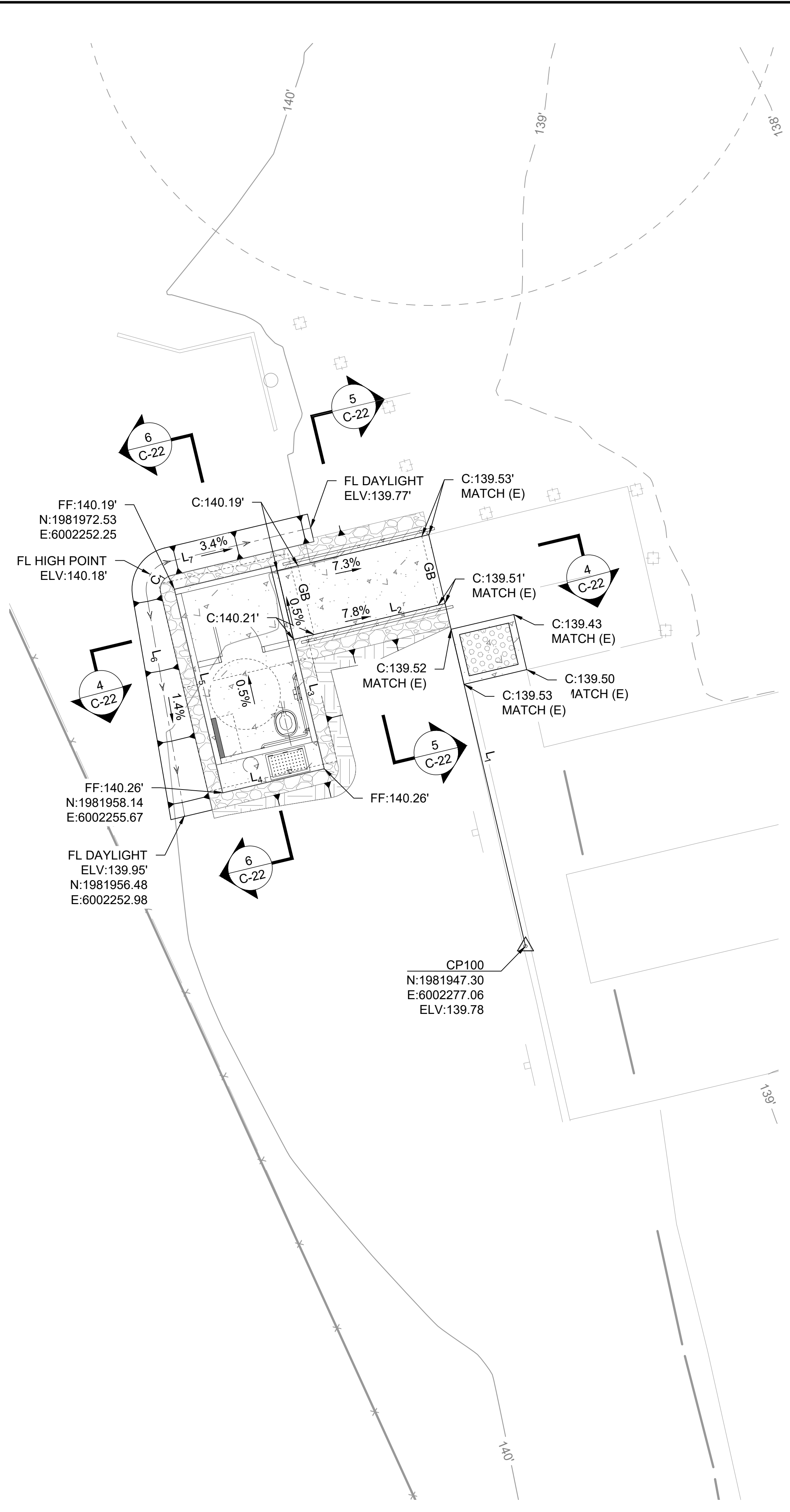
206279.006

SHEET NO.
C-3
006 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-4 GRADING & HORIZONTAL CONTROL PLAN - Cowell Ranch SB.dwg Layout: C-4 Grading & HC Plan_CR Date: October 30 2023 - 12:59 pm User: lte



SITE PLAN



GRADING & HORIZONTAL CONTROL PLAN

CONSTRUCTION NOTES

- 1 INSTALL A SINGLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON C-33, REFER TO DTL 4, 6 ON C-22
- 2 CONSTRUCT 5" PCC ON 12" CLASS 2 AB CONC RAMP WITH STAINLESS STEEL RAILING PER DTL 4, 5 ON C-22, REFER TO DTL 1 ON C-31 FOR HANDRAIL
- 3 CONSTRUCT 5" PCC ON 12" CLASS 2 AB CONC SIDEWALK PER DTL 2 ON C-29; CROSS SLOPE LESS THAN 2%
- 4 INSTALL 3'Dx3.6'W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-28
- 5 INSTALL 6" OF AGGREGATE BASE FOR 1-FT BENCH PER DTL 13 ON C-29, REFER TO DTL 4 - 6 ON C-22
- 6 CONSTRUCT SWALE PER DTL 4 ON C-31, REFER TO DTL 4, 6 ON C-22
- 7 FILL SOIL 2:1 MAX SLOPE

LEGEND

- (N) CONCRETE
- (N) CONCRETE CURB
- (N) AGGREGATE PAVING
- CUT/FILL SOIL
- ACCESSIBLE PATH OF TRAVEL
- SURVEY CONTROL POINT
- (E) WOOD POST
- (E) SIGN AND POST

LINE TABLE

LINE	LENGTH	BEARING
L ₁	24.88'	N13°12'44"W
L ₂	11.00'	S76°39'08"W
L ₃	8.90'	S13°20'52"E
L ₄	7.38'	S76°39'08"W
L ₅	14.79'	N13°20'52"W
L ₆	15.84'	N09°43'38"W
L ₇	10.38'	N76°39'08"E

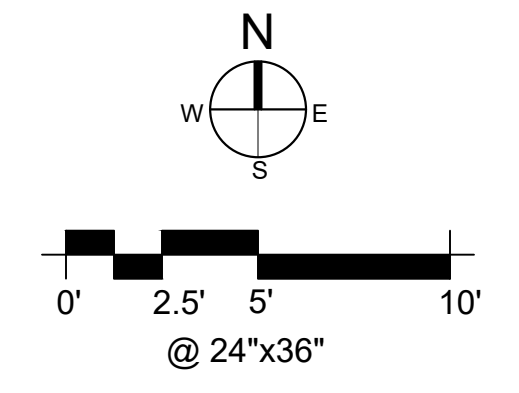
CURVE TABLE

CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C ₁	89°29'03"	2.00'	3.12'	1.98'	2.81'

GENERAL NOTES:

1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE
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NORTHERN SERVICE CENTER

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CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

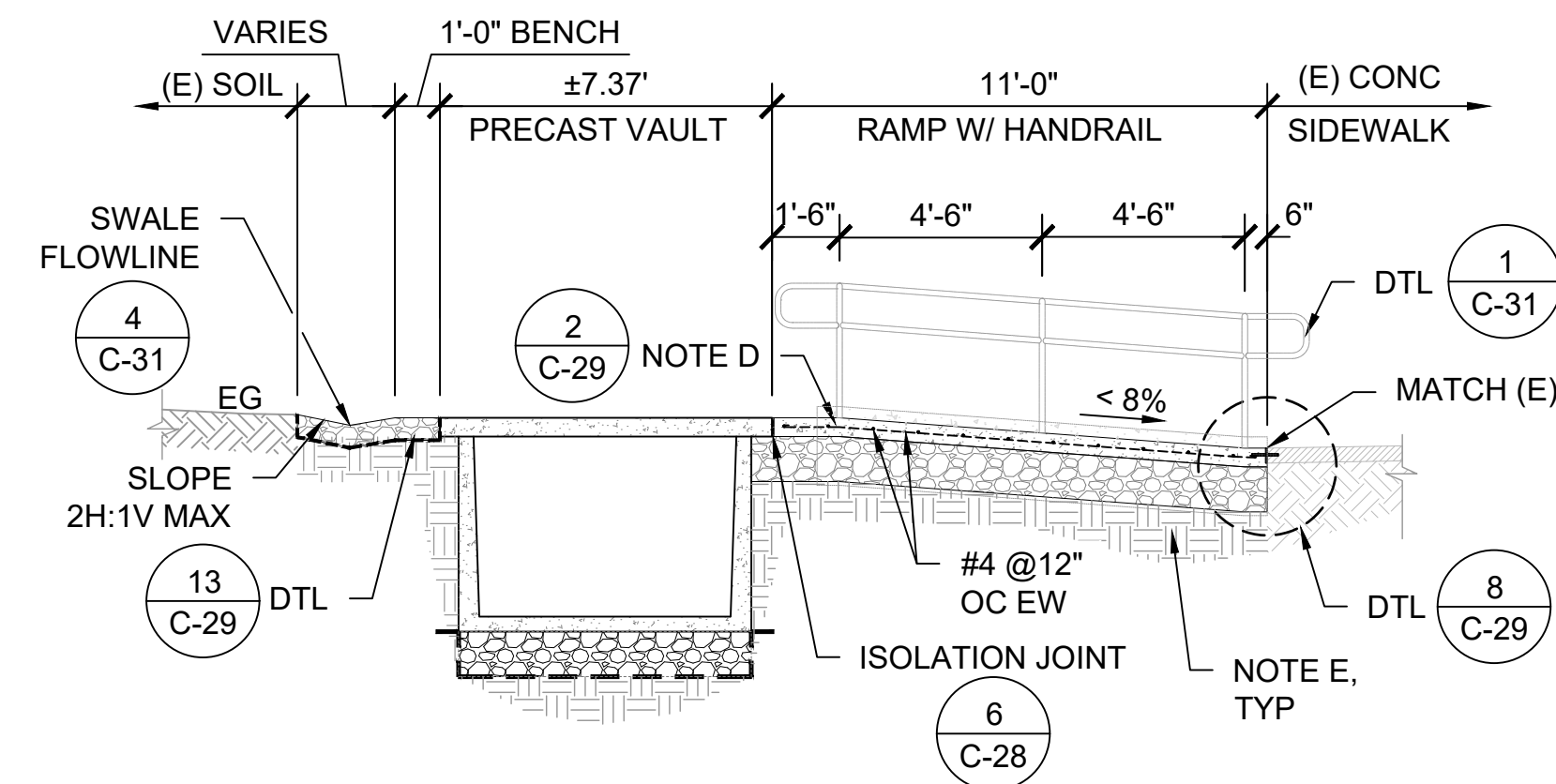
COWELL RANCH STATE BEACH
VAULT RESTROOM PLACEMENT
**PAVING, HORIZONTAL CONTROL &
GRADING PLAN**

206279.007

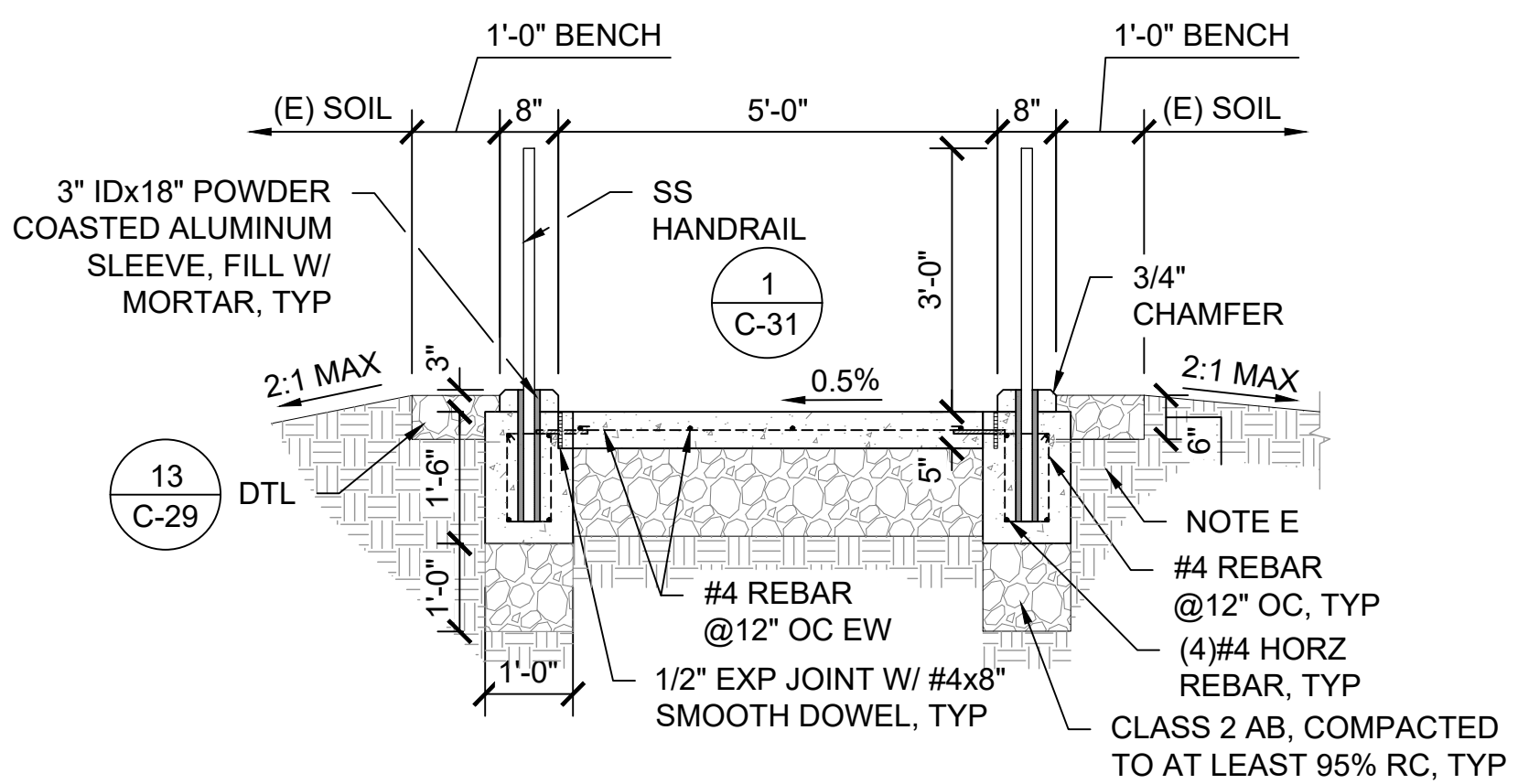
SHEET NO.
C-4
007 OF 038



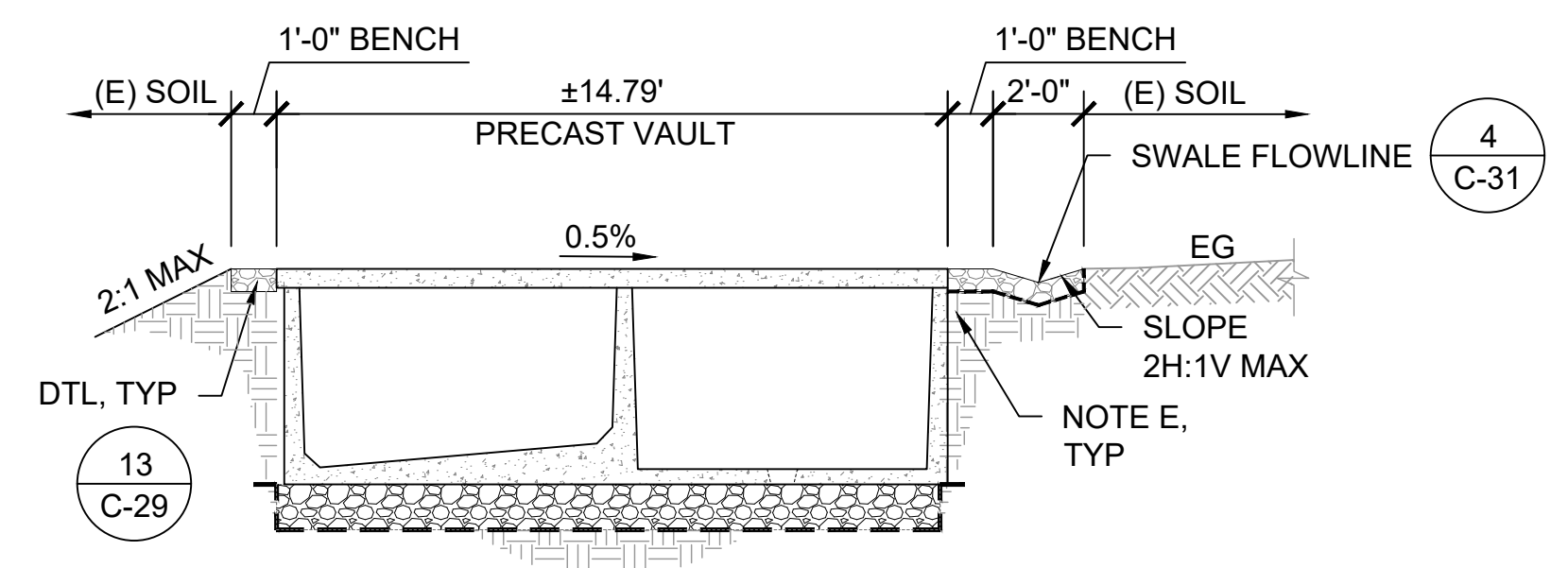
FACILITIES AND DEVELOPMENT DIVISION



4 GRADING & PAVING SECTION - COWELL RANCH SB
SCALE@22X34 1/4" = 1'-0"



5 GRADING & PAVING SECTION - COWELL RANCH SB
SCALE@22X34 1/2" = 1'-0"



6 GRADING & PAVING SECTION - COWELL RANCH SB
SCALE@22X34 1/4" = 1'-0"

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- D. 5" PCC ON CLASS 2 AB, PER GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-29, REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-29.
- F. 6" AGGREGATE PAVING ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
- G. GRADING PER PLAN SHEET C-2 THROUGH C-21
- H. SOIL CONDITIONS VARY AT EACH SITE LOCATION, SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
 - PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
 - CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
 - SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022 AND REVISED JANUARY 5, 2023



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
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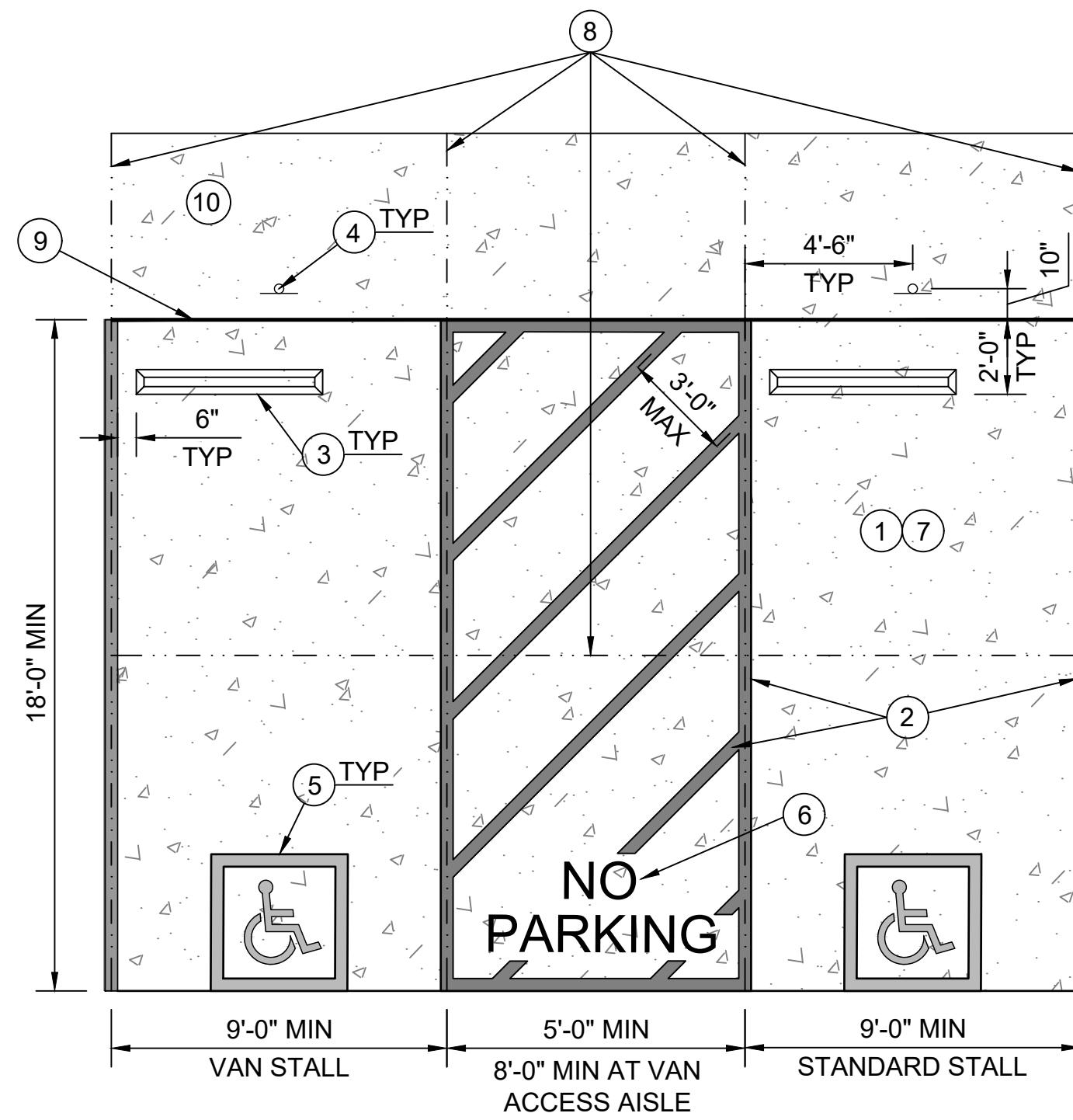
REVISIONS	DATE

COWELL RANCH STATE BEACH VAULT RESTROOM PLACEMENT
GRADING & PAVING SECTIONS 1

206279.025

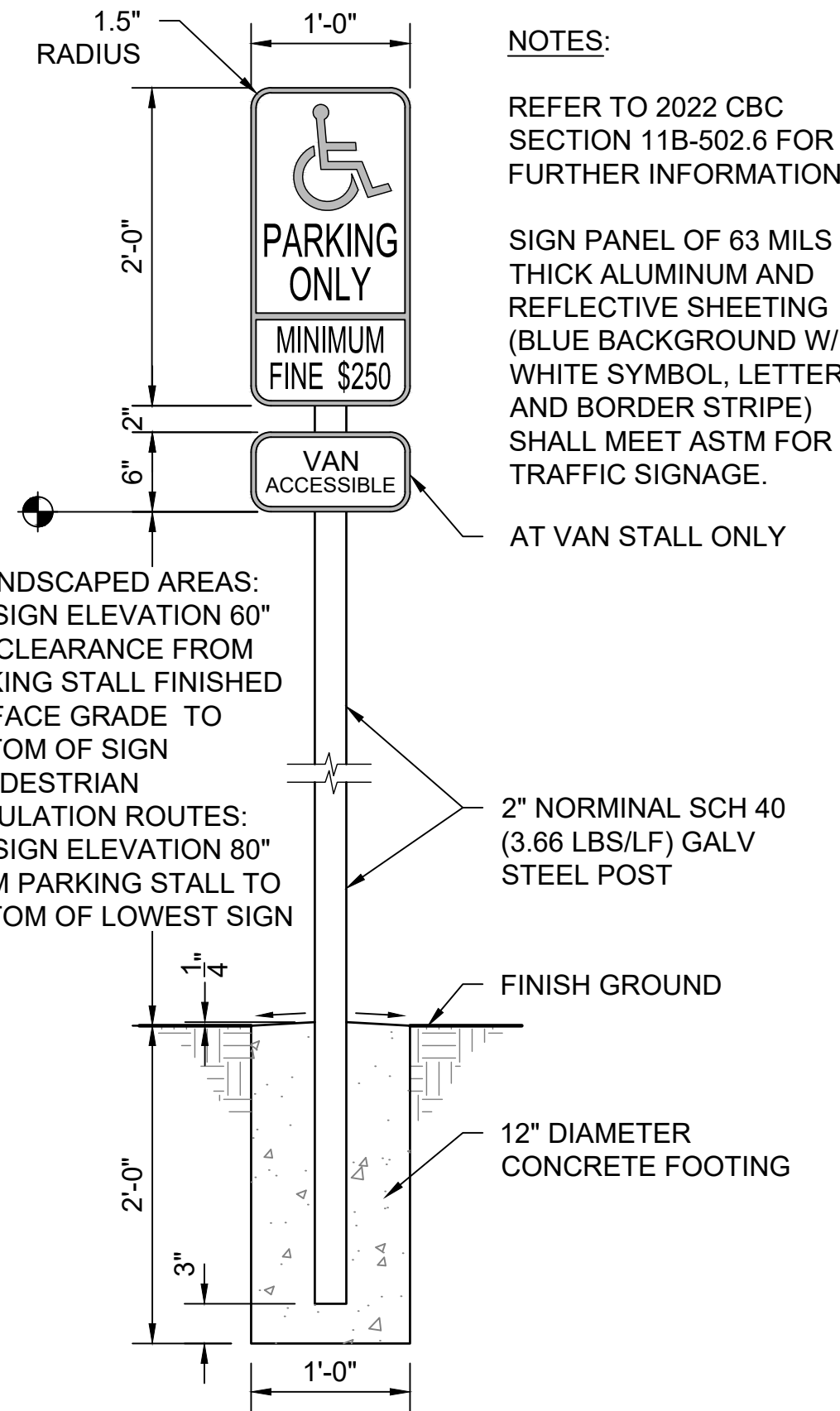
SHEET NO.
C-22
025 OF 038

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_it_replacement\05_drawings\Civil\C-28 ACCESSIBLE PARKING & CONCRETE JOINT DETAILS.dwg Layout: C-28 ADA Parking & Conc Joint Dets_CR Date: October 30 2023 - 12:23 pm User: tte



- NOTES:**
- PARKING PAD TO BE CIP CONC PER DETAIL 1 ON SHEET C-29
 - 4" WIDE PAINTED BLUE LINES, TYP 45 DEGREE LINES SHALL BE 36" MAX OC
 - INSTALL CONC WHEEL STOPS PER DETAIL 9 ON THIS SHEET
 - INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 2 ON THIS SHEET
 - INSTALL ACCESSIBLE SYMBOL PER DETAIL 4 ON THIS SHEET
 - "NO PARKING" TEXT SHALL BE PAINTED ON THE GROUND IN WHITE PAINT NO LESS THAN 12 INCHES PER CBC SECTION 11B.502.3.3 "MARKING"
 - ACCESSIBLE PARKING STALLS TO HAVE A MAX 1.8% SLOPE IN ANY DIRECTION, REFER TO 2022 CBC SECTION 11B-502 FOR FURTHER INFORMATION.
 - CONTRACTION JOINTS PLACED IN SAME LOCATION AS PARKING STALL JOINTS, AND PLACED AT MIDWAY OF STALL, PER DETAIL 7 ON THIS SHEET
 - EXPANSION JOINT PER DETAIL 5 ON THIS SHEET
 - SIDE WALK TO BE CIP CONC PER DETAIL 2 ON SHEET C-29

1 ACCESSIBLE PARKING STALLS - TYPICAL
SCALE@22X34 1/4" = 1'-0"



- NOTES:**
- REFER TO 2022 CBC SECTION 11B-502.6 FOR FURTHER INFORMATION
- SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (BLUE BACKGROUND W/ WHITE SYMBOL, LETTERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE.
- AT VAN STALL ONLY

- IN LANDSCAPED AREAS: SET SIGN ELEVATION 60" MIN. CLEARANCE FROM PARKING STALL FINISHED SURFACE GRADE TO BOTTOM OF SIGN

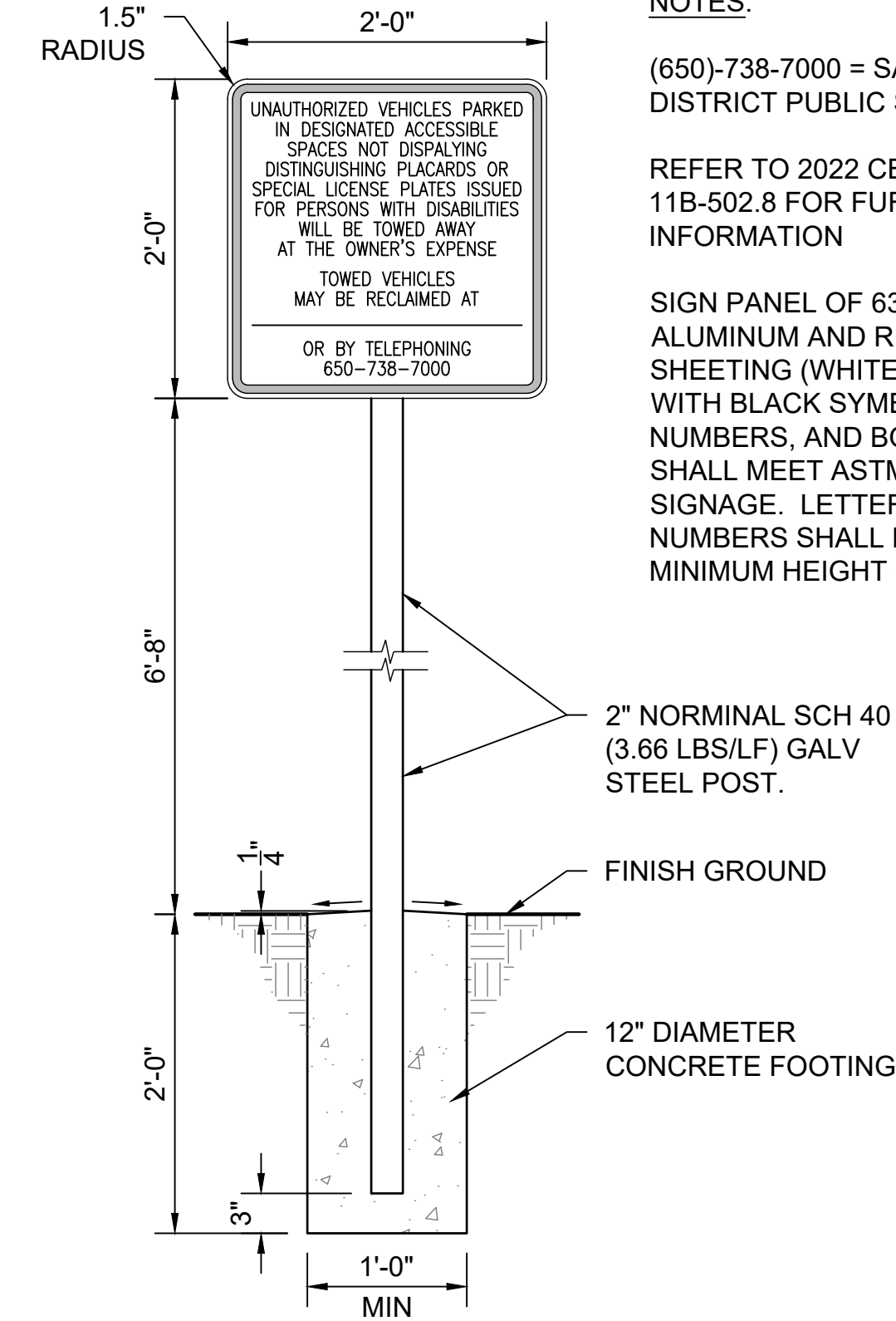
- IN PEDESTRIAN CIRCULATION ROUTES: SET SIGN ELEVATION 80" FROM PARKING STALL TO BOTTOM OF LOWEST SIGN

2" NOMINAL SCH 40 (3.66 LBS/LF) GALV STEEL POST

FINISH GROUND

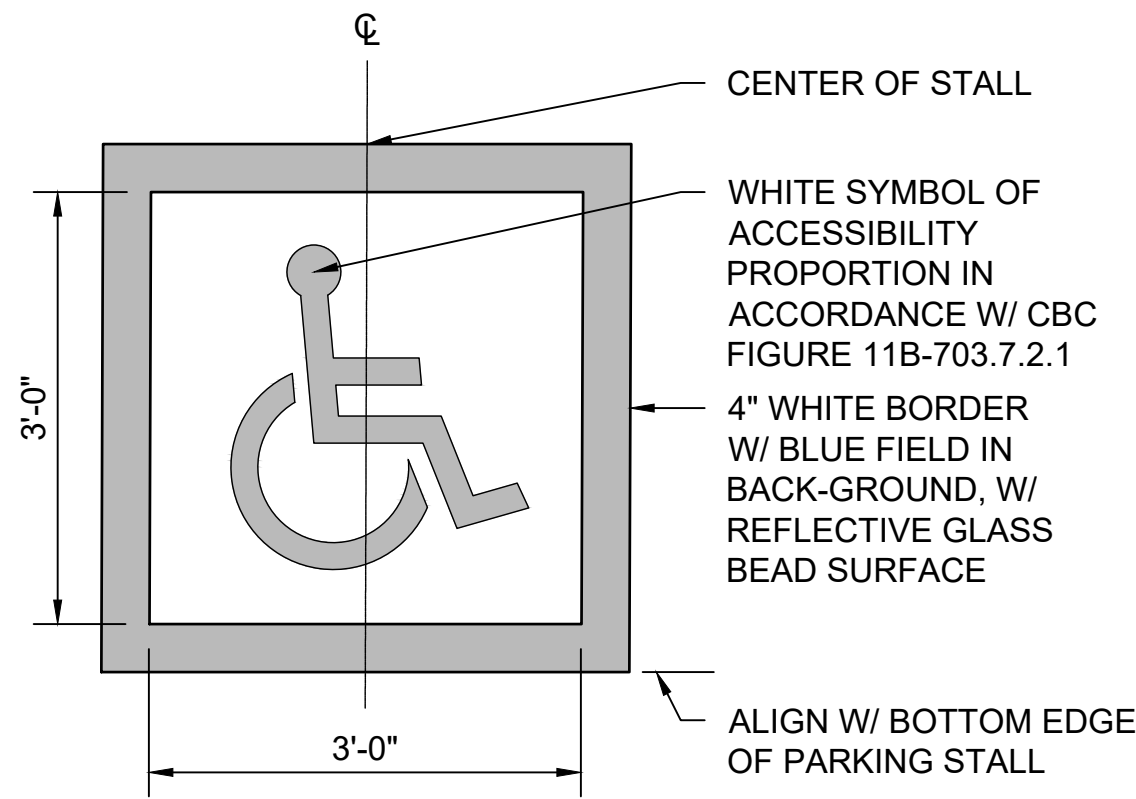
12" DIAMETER CONCRETE FOOTING

2 ACCESSIBLE PARKING SIGN
SCALE@22X34 1" = 1'-0"

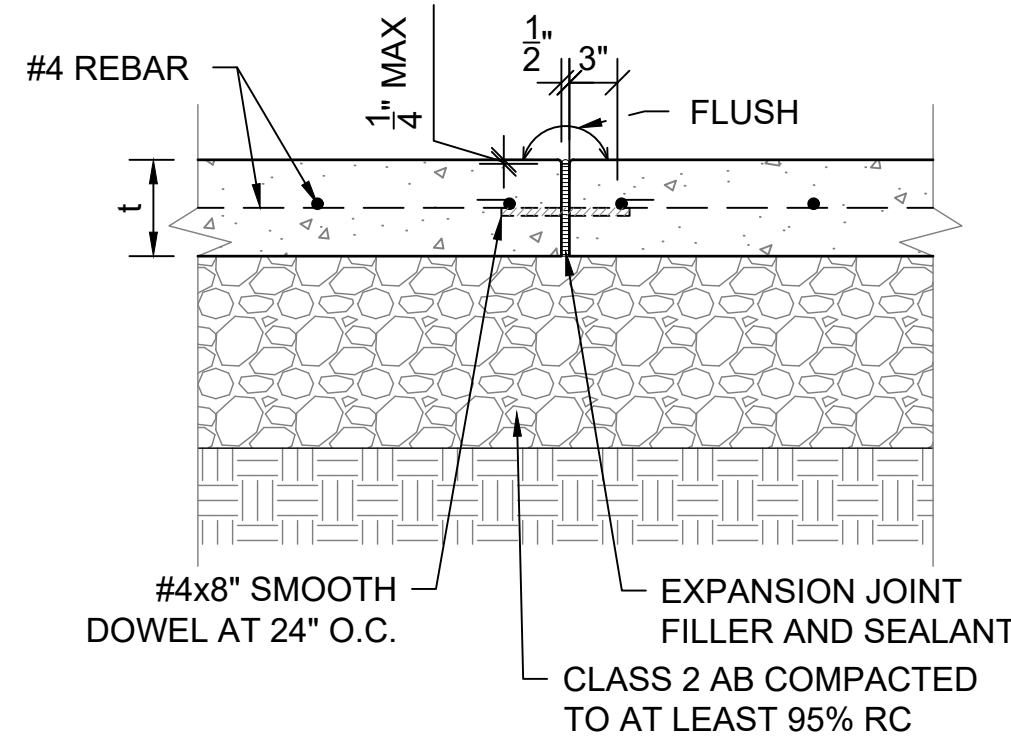


- NOTES:**
- (650)-738-7000 = SAN MATEO DISTRICT PUBLIC SAFETY OFFICE
- REFER TO 2022 CBC SECTION 11B-502.8 FOR FURTHER INFORMATION
- SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (WHITE BACKGROUND WITH BLACK SYMBOL, LETTERS, NUMBERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE. LETTERS AND NUMBERS SHALL HAVE A MINIMUM HEIGHT OF 1".
- 2" NOMINAL SCH 40 (3.66 LBS/LF) GALV STEEL POST
- FINISH GROUND
- 12" DIAMETER CONCRETE FOOTING

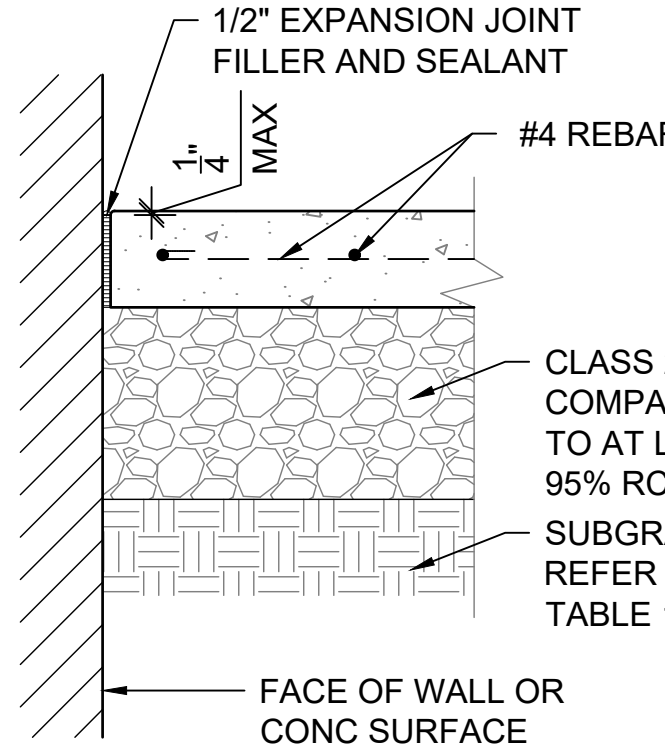
3 TOW-AWAY SIGN
SCALE@22X34 1" = 1'-0"



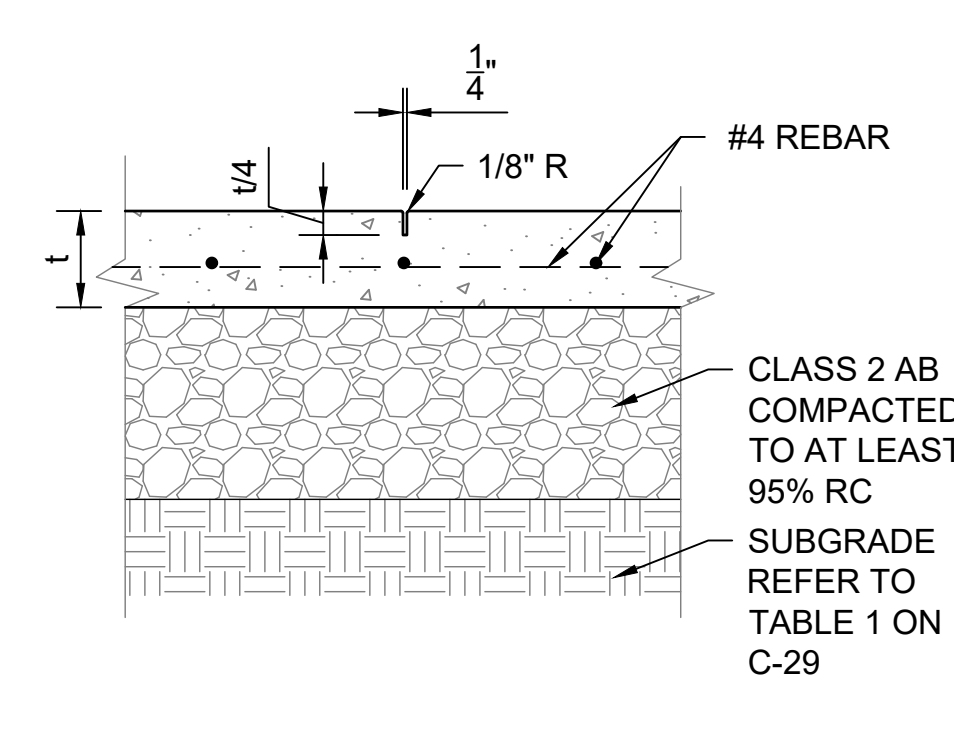
4 INTERNATIONAL SYMBOL OF ACCESSIBILITY
SCALE@22X34 3/4" = 1'-0"



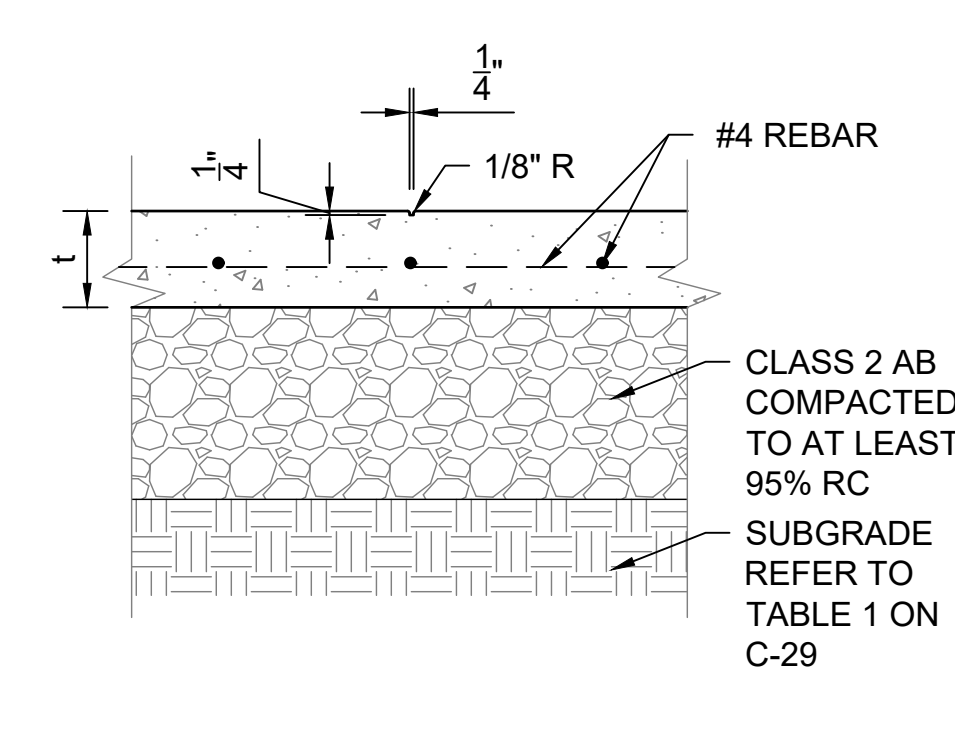
5 EXPANSION JOINT
SCALE@22X34 1" = 1'-0"



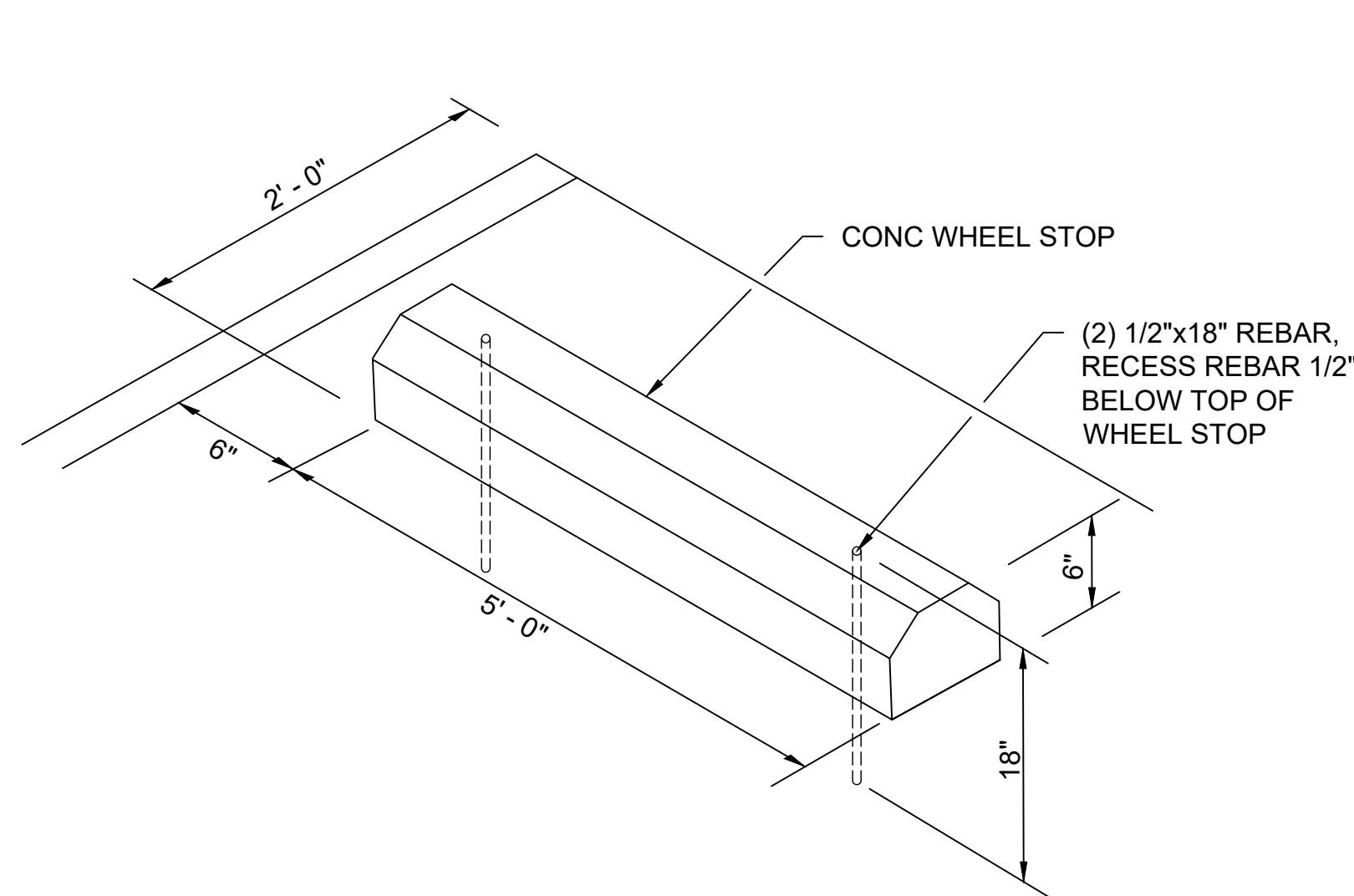
6 ISOLATION JOINT
SCALE@22X34 1" = 1'-0"



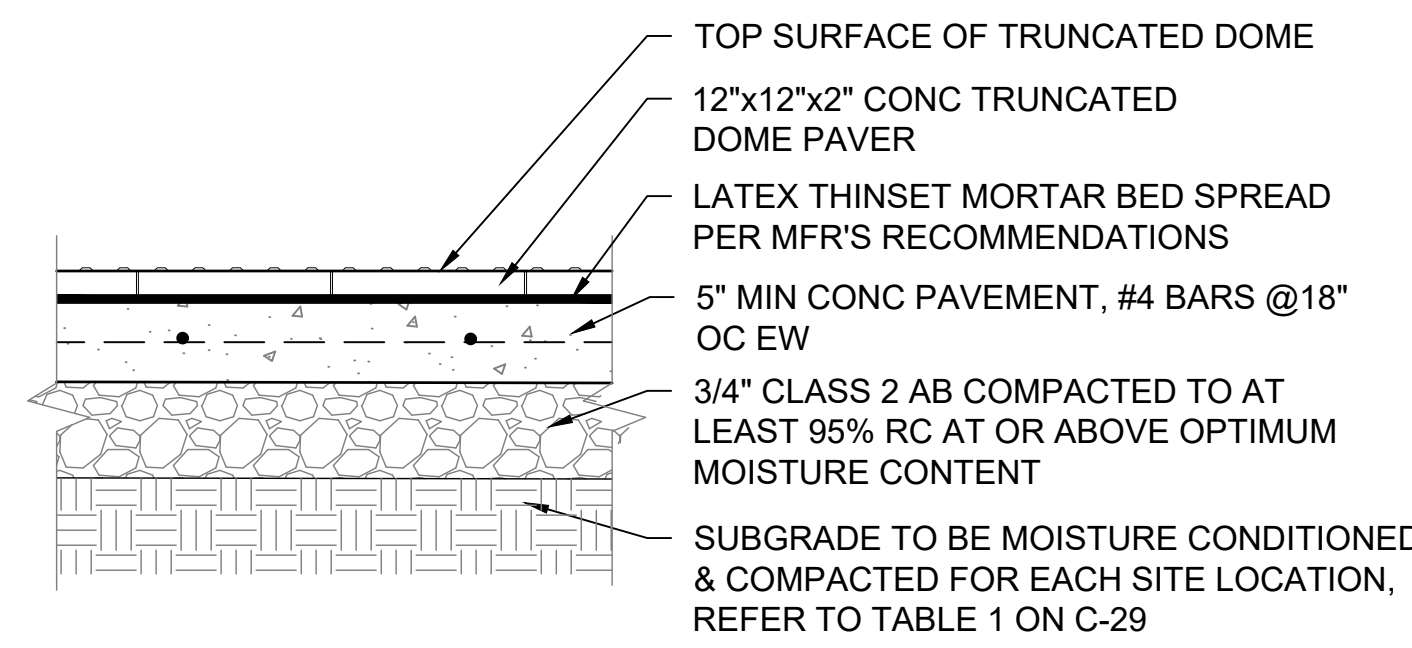
7 CONTRACTION JOINT
SCALE@22X34 1" = 1'-0"



8 SCORE JOINT
SCALE@22X34 1" = 1'-0"



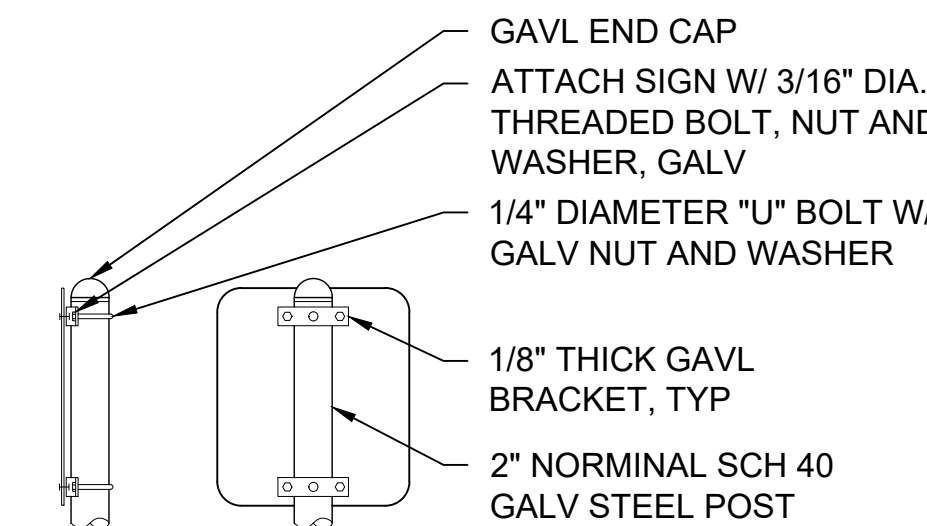
9 CONCRETE WHEEL STOP
SCALE@22X34 1" = 1'-0"



- NOTES:**
- CONC SLAB SHALL BE SLOPED TO PROVIDE COMPLETE SURFACE DRAINAGE.
 - SEE SPECIFICATION FOR CONC PAVING FINISH
 - SWEEP JOINTS WITH SAND OR GROUT
 - TRUNCATED DOME PAVER TO BE WAUSAU DOME TILE/ADA-50 OR EQUAL.
 - TRUNCATED DOME PAVER SHALL MEET FLUSH W/ ADJACENT FINISH SURFACE.
 - TRUNCATED DOME PAVER SHALL COMPLY W/ CBC 2022 SECTION 11B-705.1 THROUGH 705.1.1.3.2

10 TRUNCATED DOME PAVER
SCALE@22X34 1" = 1'-0"

- NOTES:**
- "VAN ACCESSIBLE" PARKING STALL SIGN SHALL BE INSTALLED AT LOCATION SHOWN ON DETAIL 1 THIS SHEET
 - CENTER SIGNS ON PARKING STALLS
 - VERIFY SIGN LOCATION PRIOR TO INSTALLATION WITH THE STATE REPRESENTATIVE
 - BORDER SYMBOLS AND LETTERING TO BE REFLECTIVE



SIDE VIEW BACK VIEW

11 SIGN INSTALLATION
SCALE@22X34 1" = 1'-0"



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
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DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

COWELL RANCH STATE BEACH
VAULT RESTROOM PLACEMENT
**ACCESSIBLE PARKING &
CONCRETE JOINT DETAILS**

206279.031

SHEET NO.

C-28

031 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
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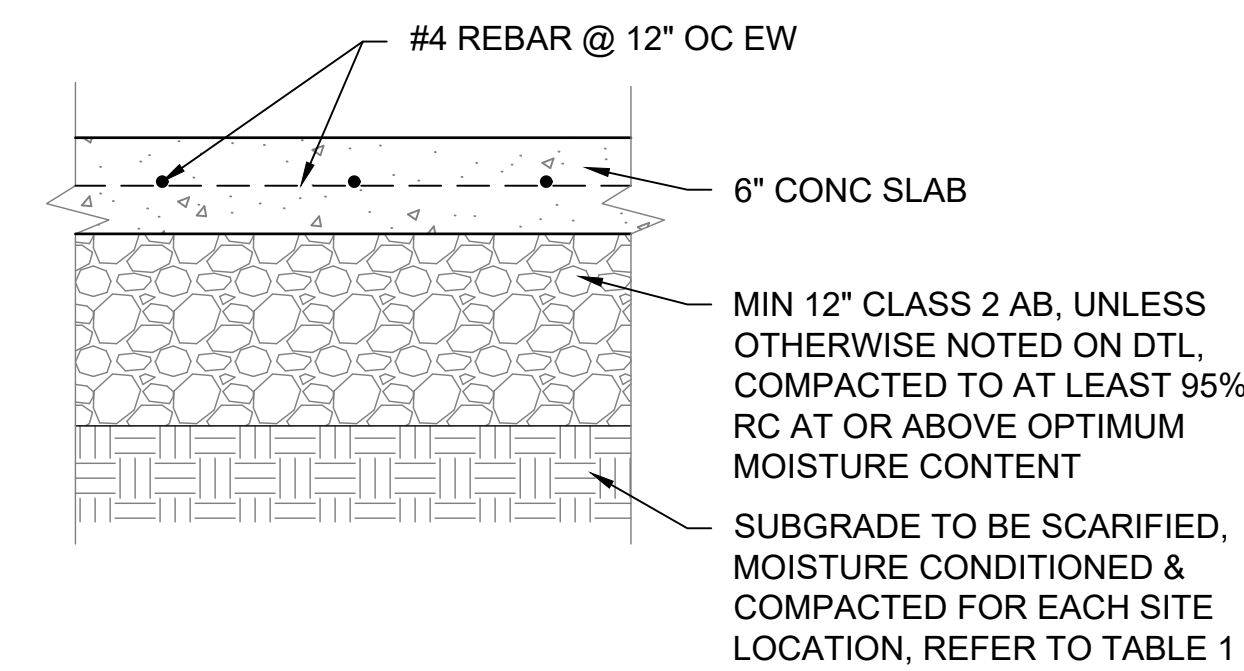
DESIGNED: TL
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DATE: OCTOBER 2023

REVISIONS	DATE

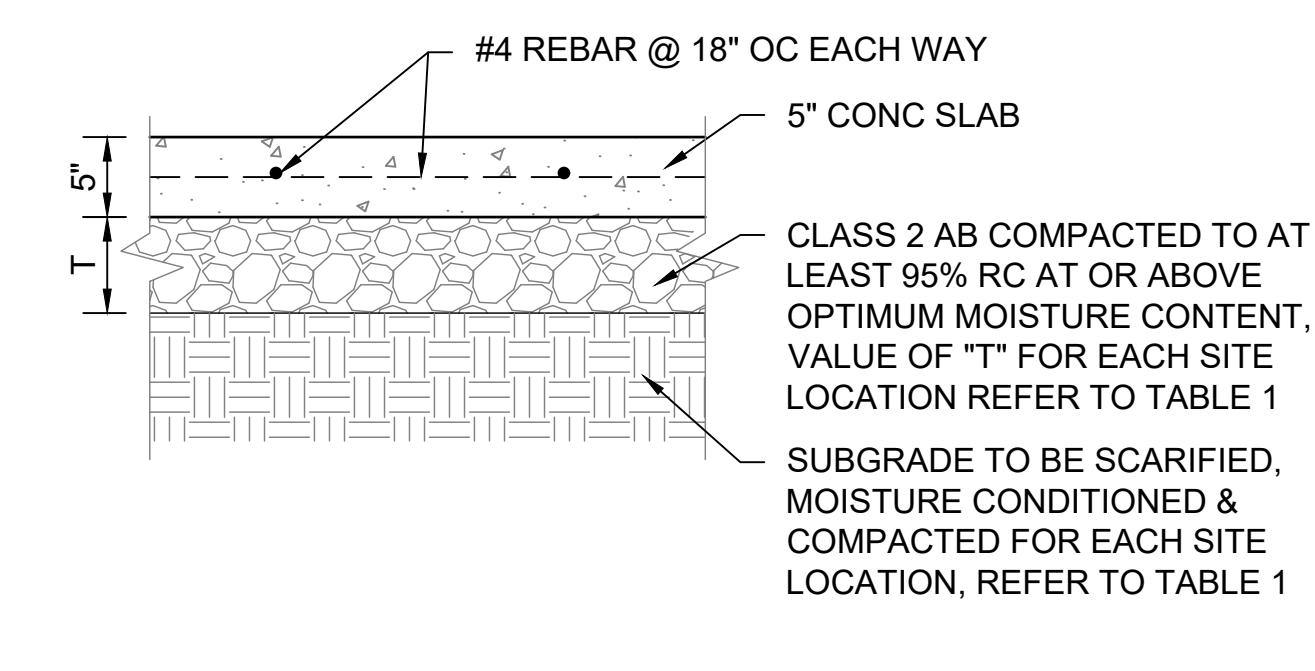
COWELL RANCH STATE BEACH
VAULT RESTROOM PLACEMENT
SITE PAVING DETAILS

206279.032

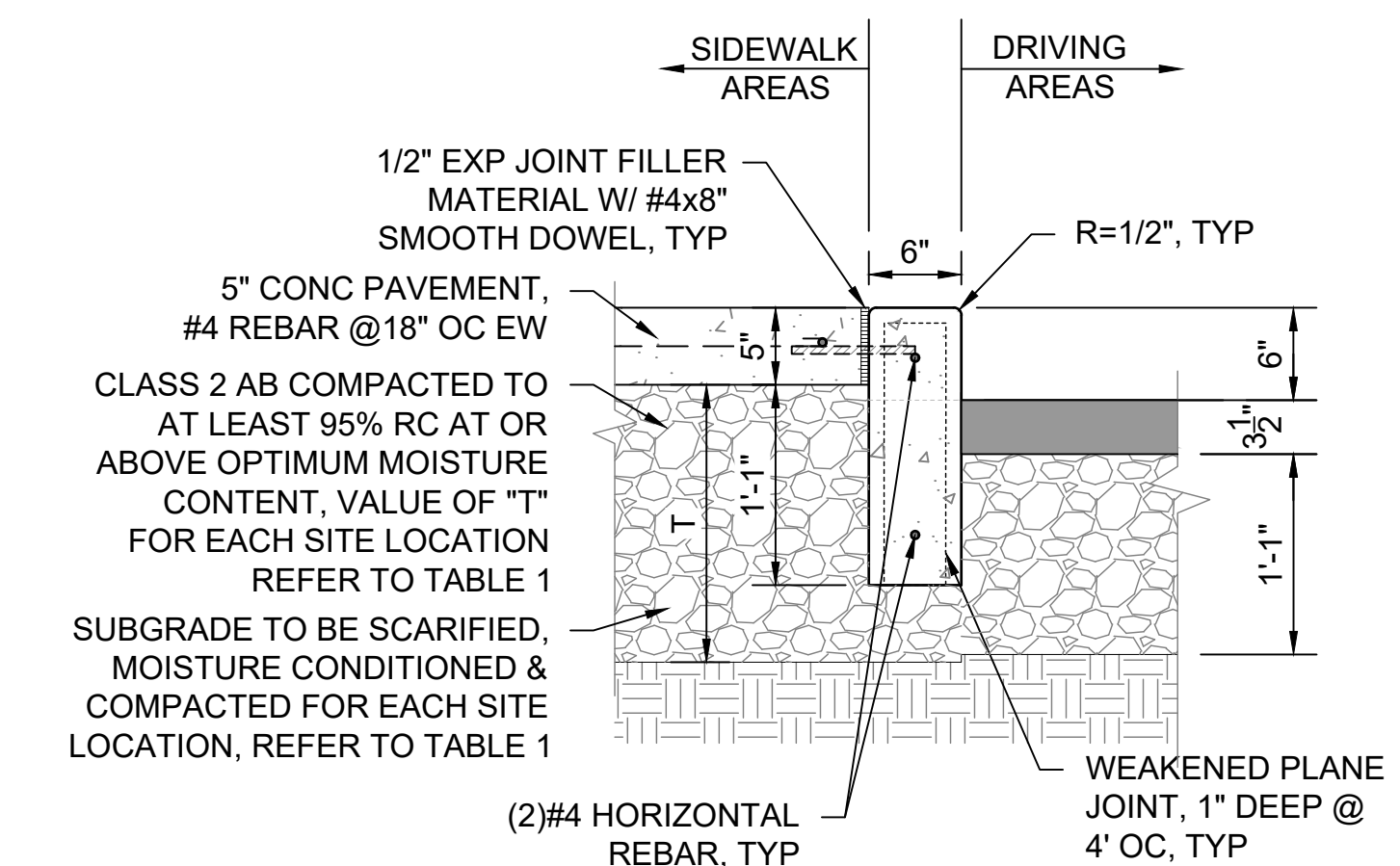
SHEET NO.
C-29
032 OF 038



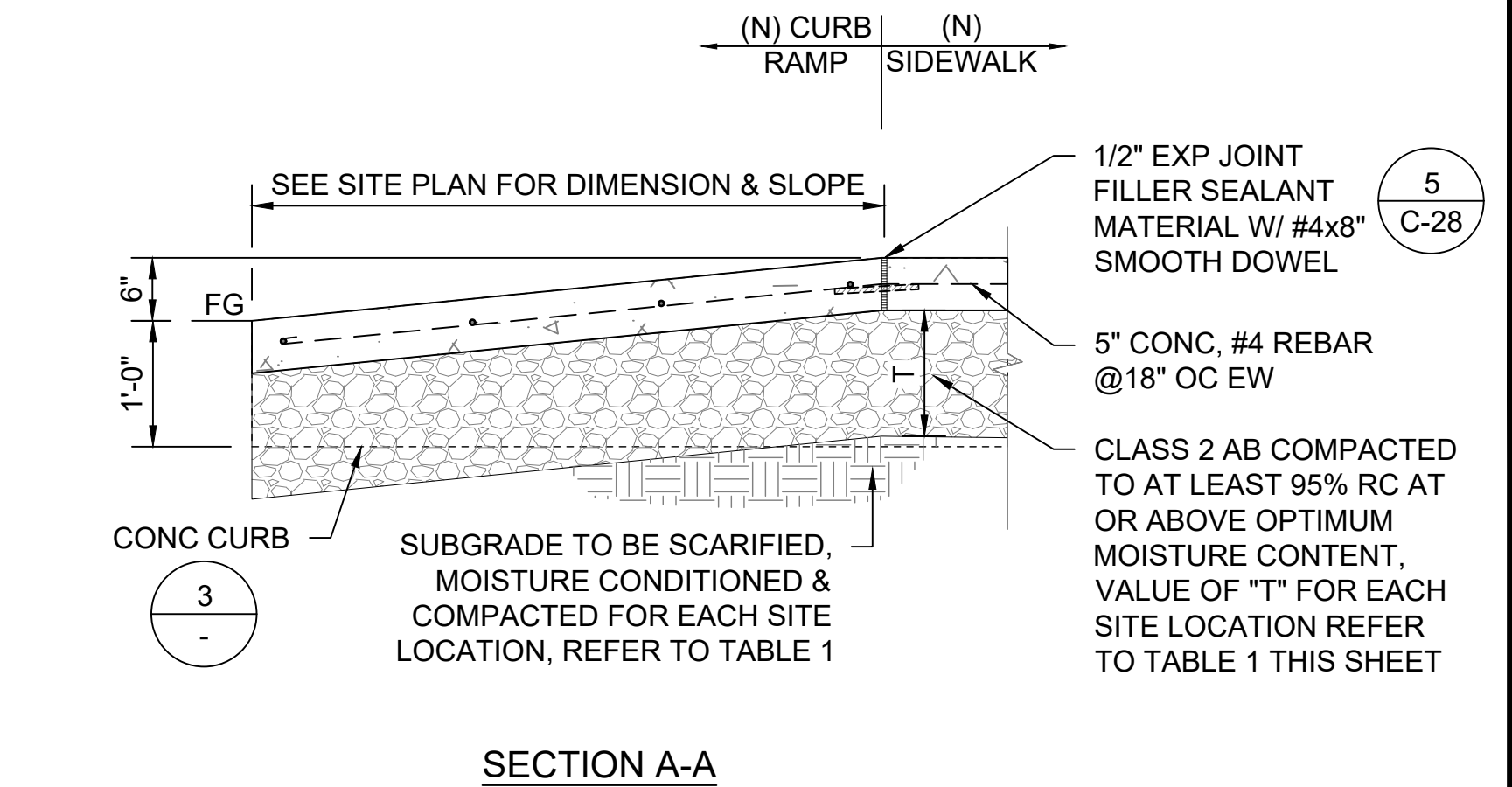
1 CONCRETE PARKING & DRIVING SLAB
SCALE@22X34 1" = 1'-0"



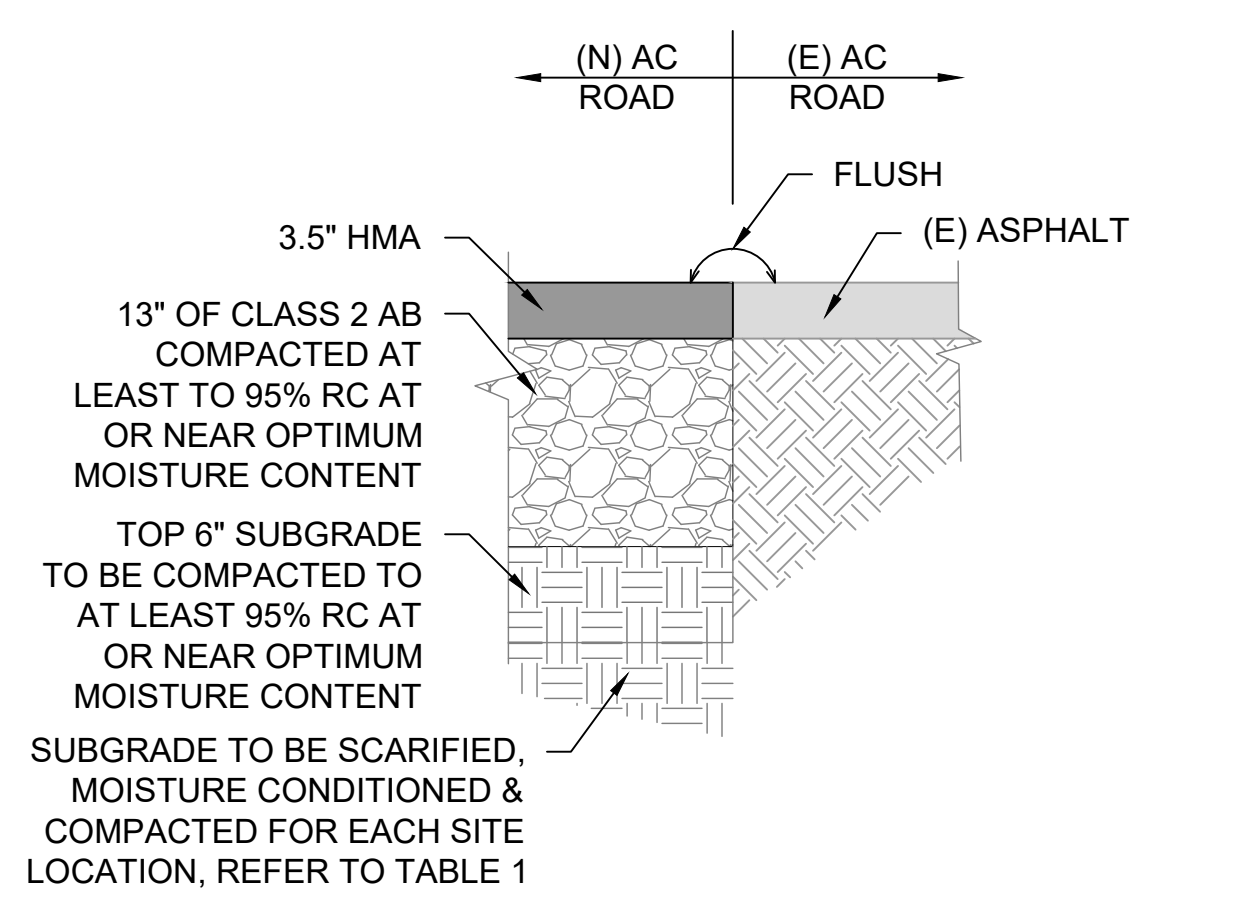
2 CONCRETE SIDEWALK & PICNIC PAD
SCALE@22X34 1" = 1'-0"



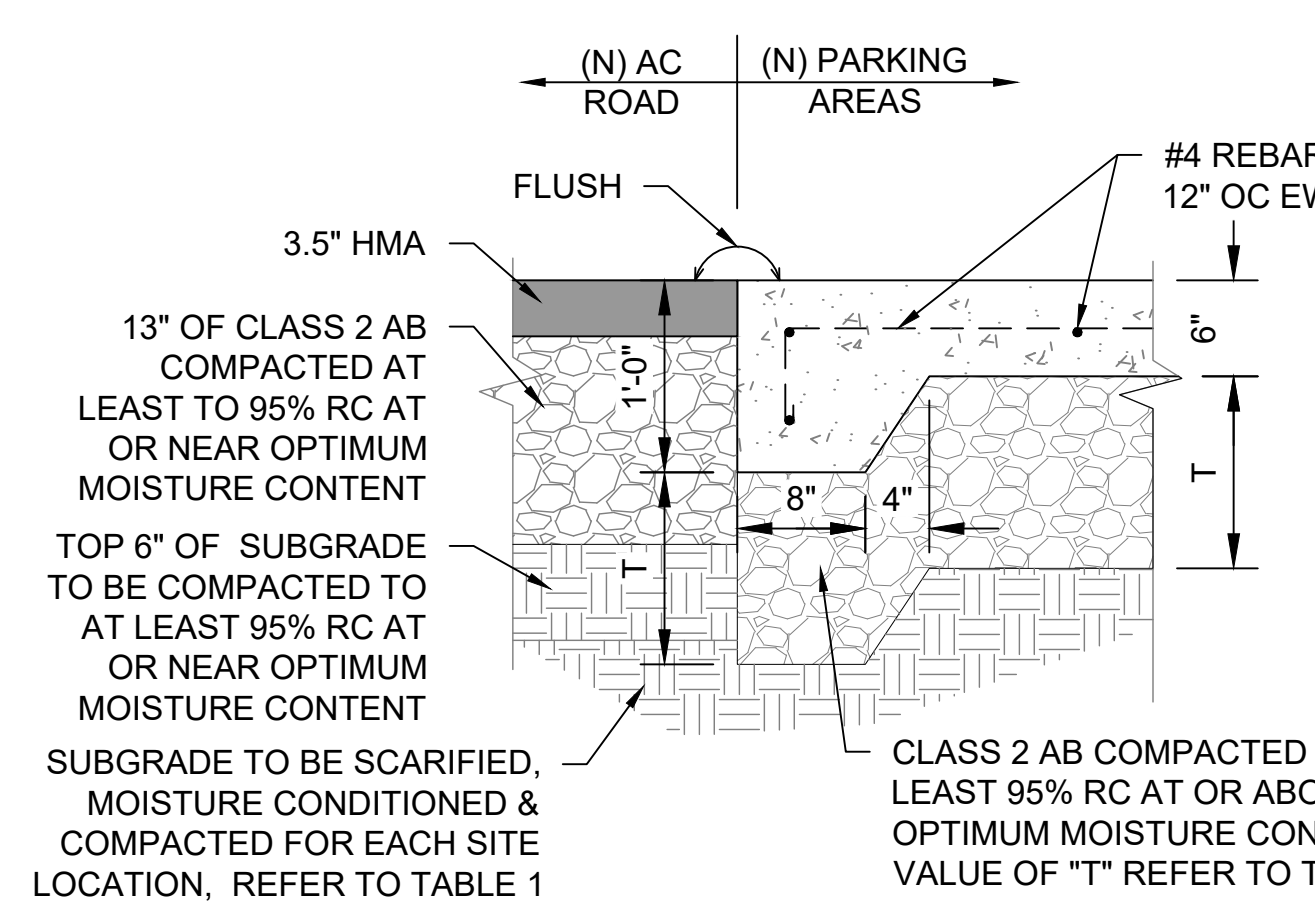
3 CONCRETE CURB
SCALE@22X34 1" = 1'-0"



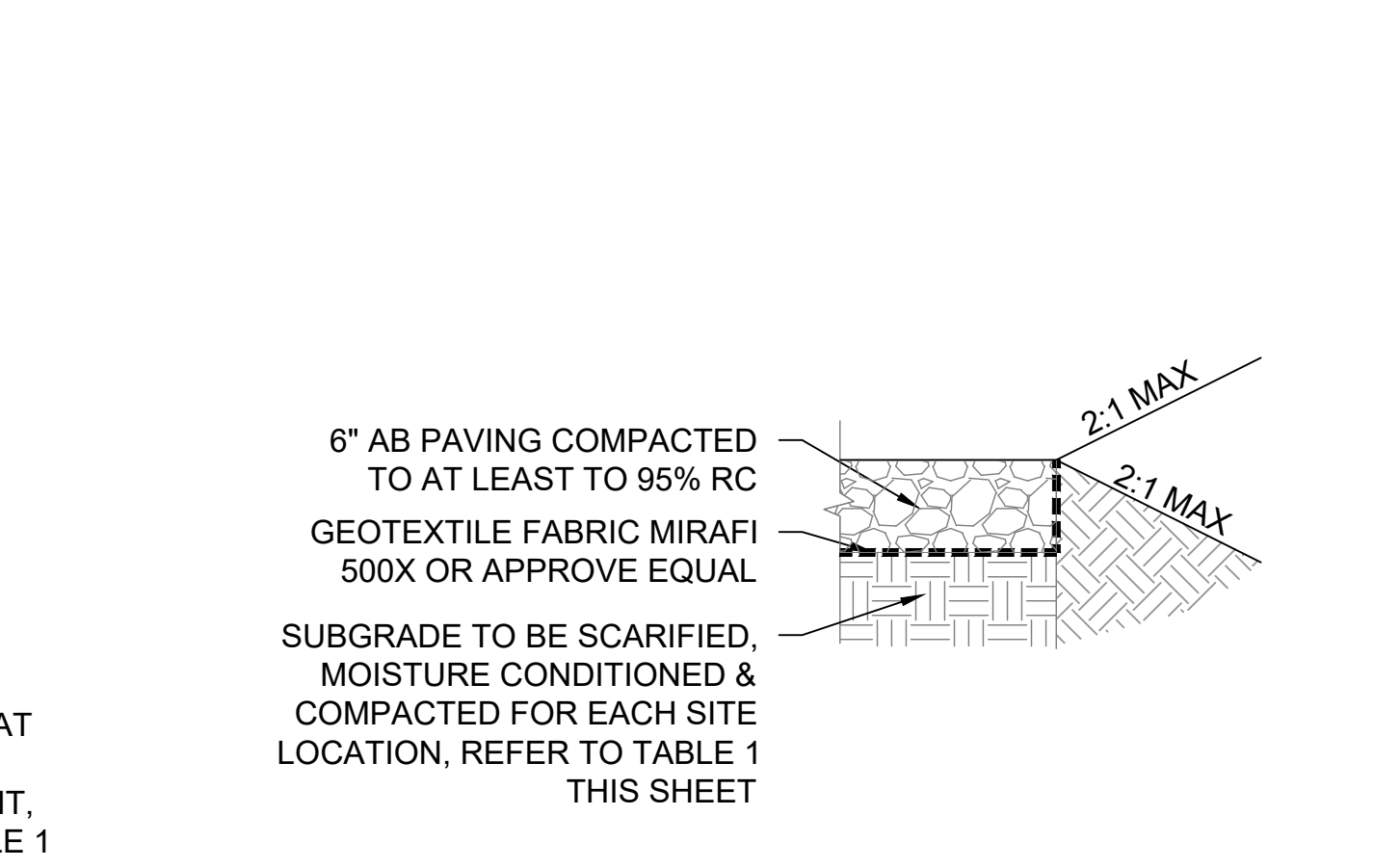
5 CONCRETE CURB RAMP TYPICAL
SCALE@22X34 3/4" = 1'-0"



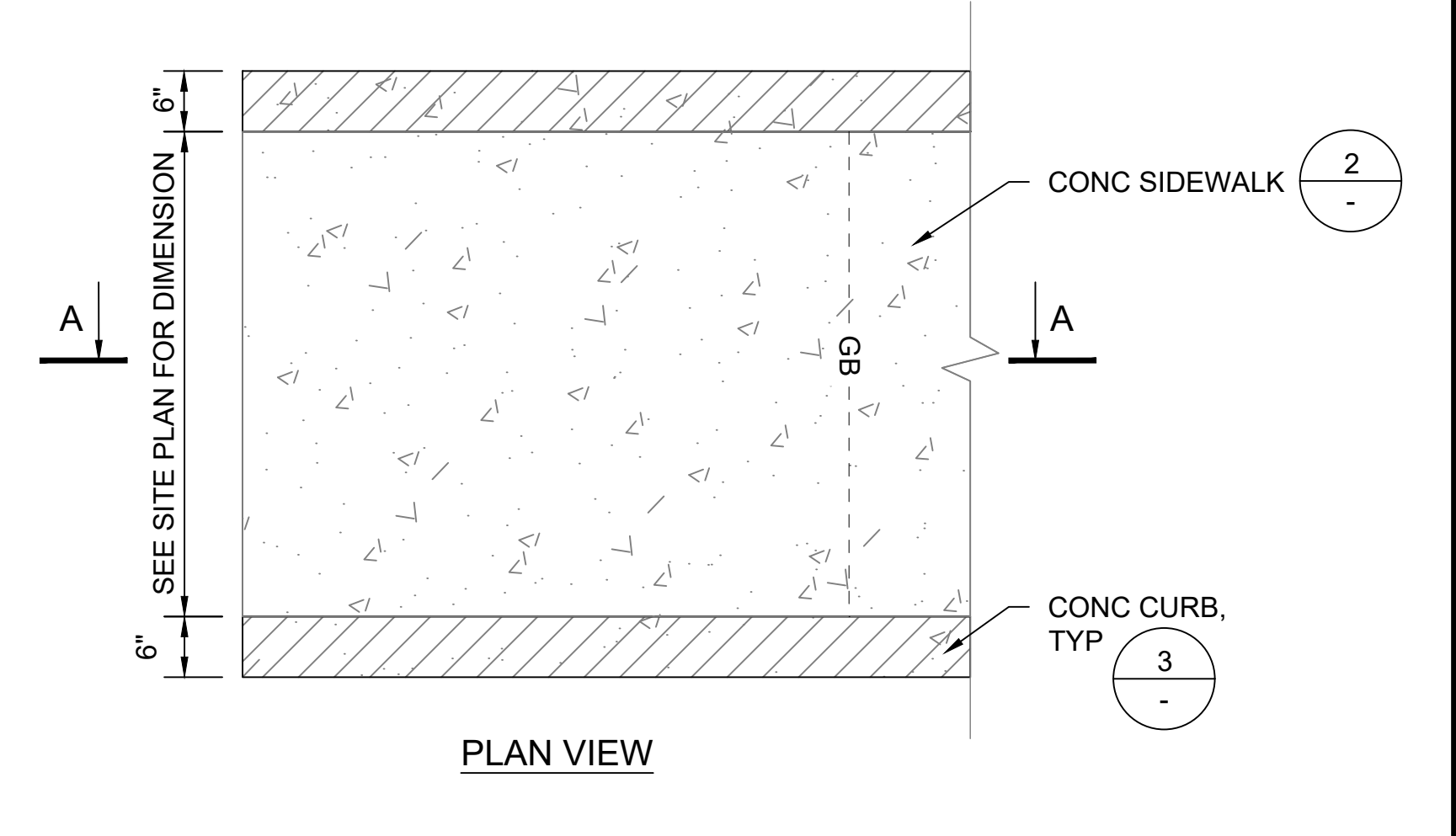
4 (N) AC TO (E) AC PAVING
SCALE@22X34 1" = 1'-0"



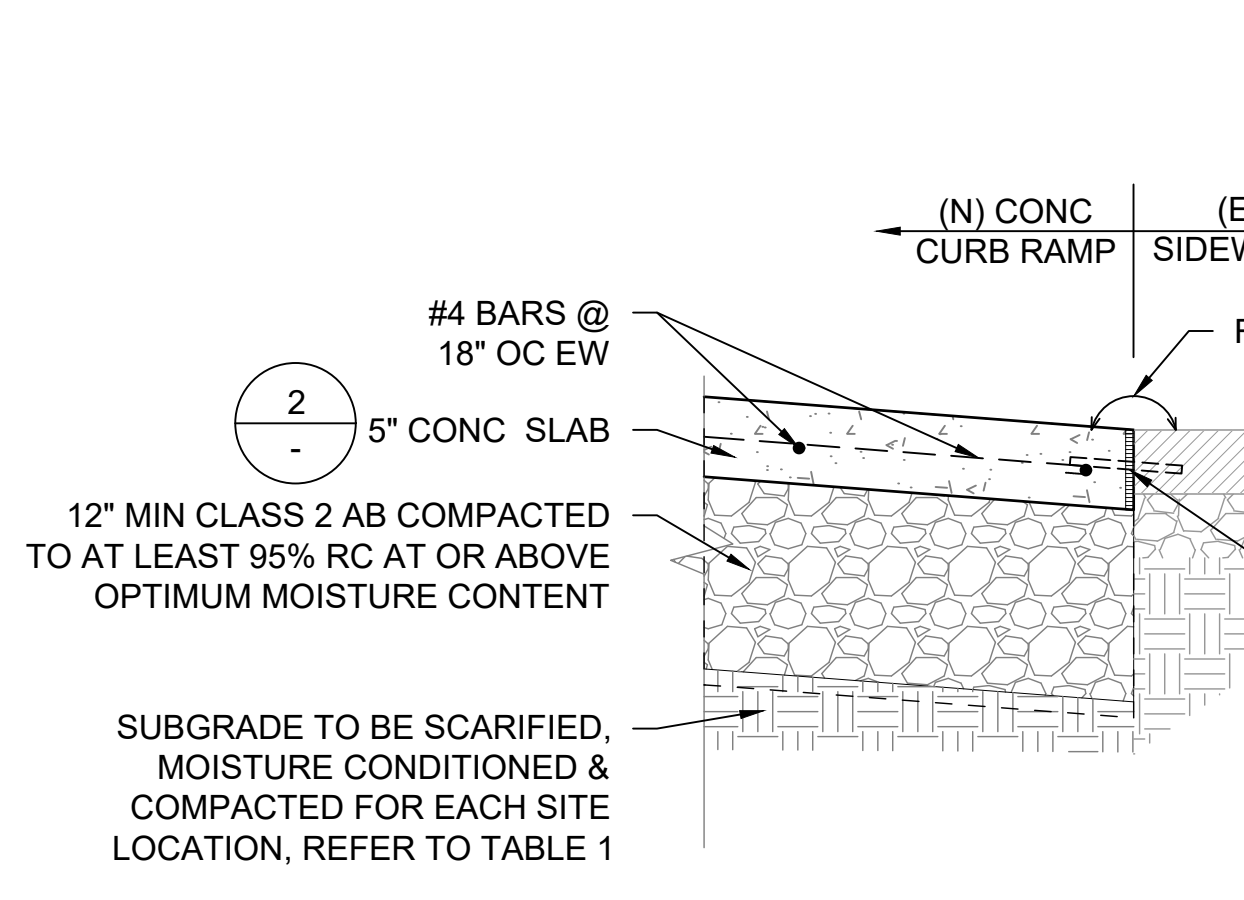
5 (N) CONC PARKING TO (N) AC PAVING
SCALE@22X34 1" = 1'-0"



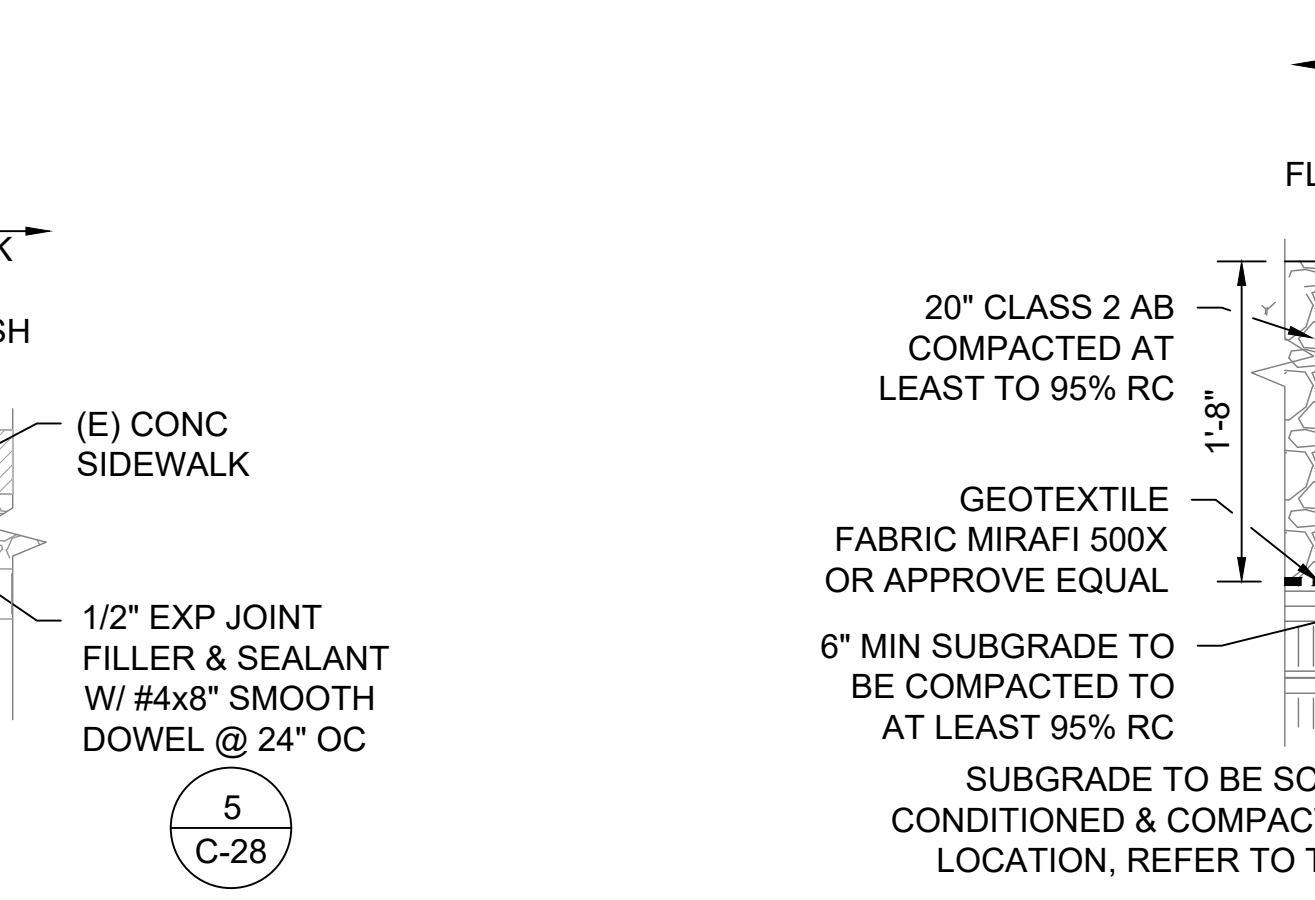
6 AGGREGATE PAVING PATH @ PICNIC AREA
SCALE@22X34 1" = 1'-0"



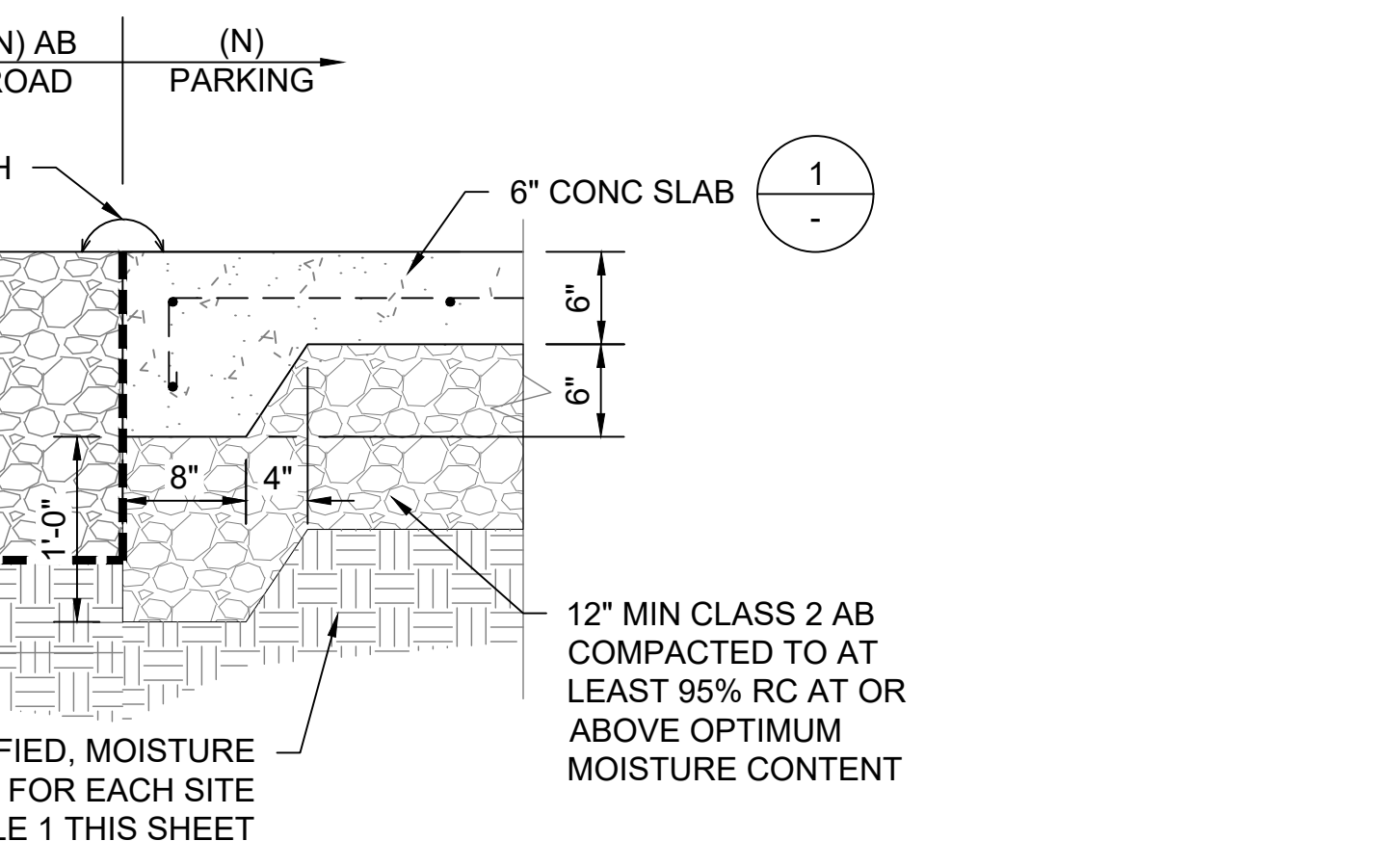
7 CONCRETE CURB RAMP TYPICAL
SCALE@22X34 3/4" = 1'-0"



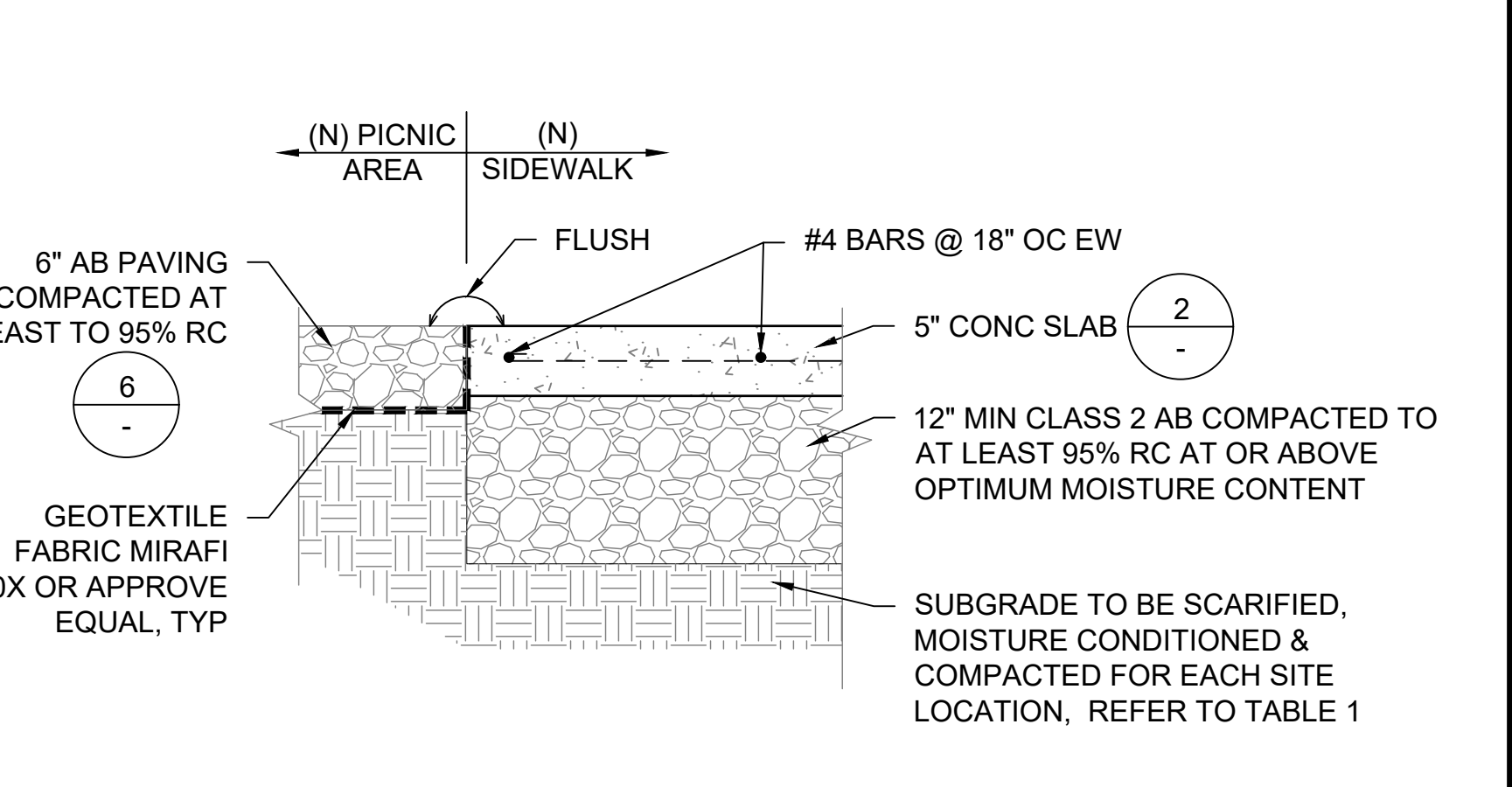
8 (N) CONC SIDEWALK TO (E) CONC PAVING
SCALE@22X34 1" = 1'-0"



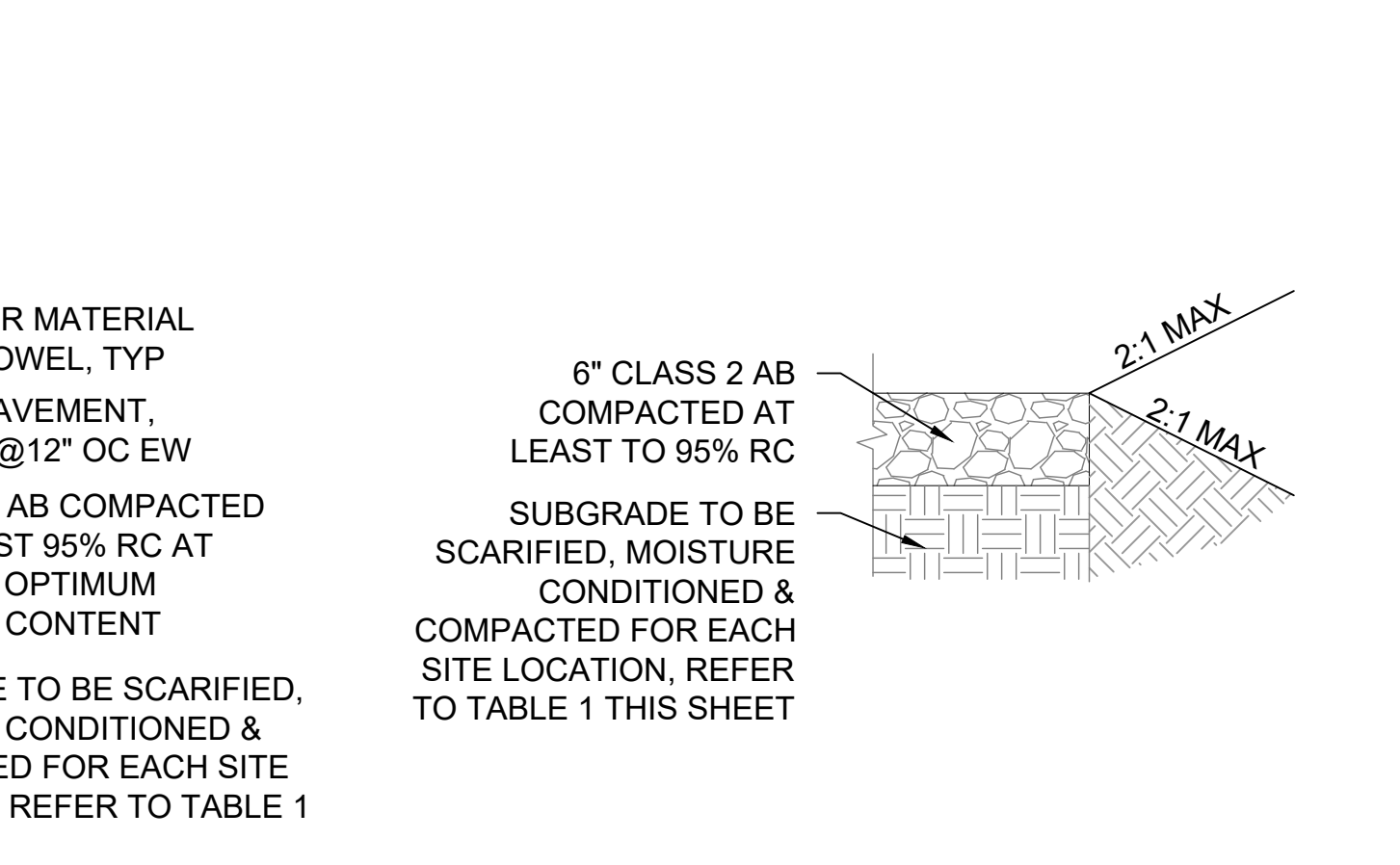
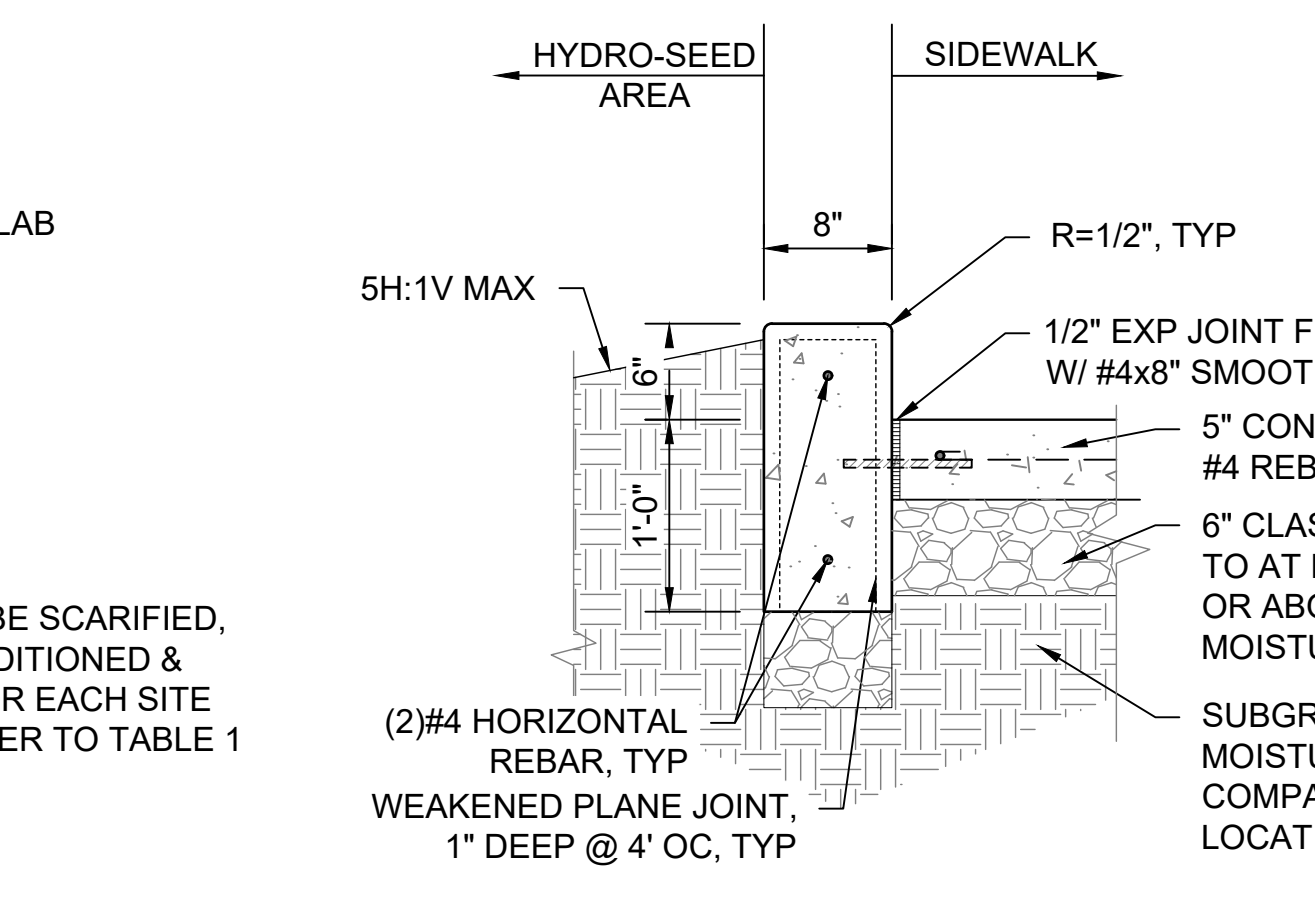
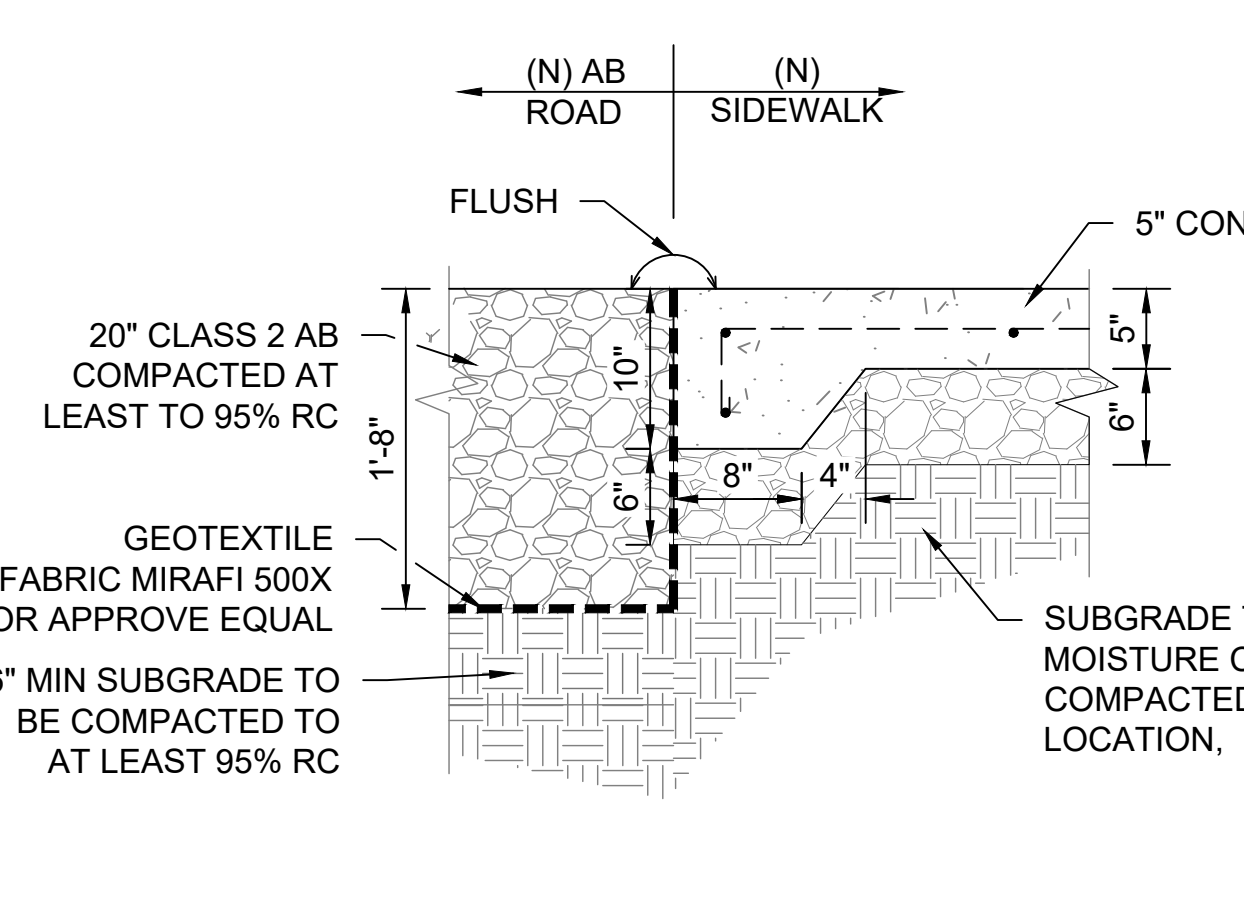
9 (N) CONC PARKING TO (N) AB PAVING
SCALE@22X34 1" = 1'-0"



11 (N) CONC SIDEWALK TO (N) AB ROAD
SCALE@22X34 1" = 1'-0"



10 (N) CONC SIDEWALK TO (N) AB PAVING PATH
SCALE@22X34 1" = 1'-0"



12 CONC CURB TYPE 2
SCALE@22X34 1" = 1'-0"

13 AGGREGATE BASE
SCALE@22X34 1" = 1'-0"

TABLE 1		
PARK NAME	T	SUBGRADE
PESCADERO SB - CENTRAL BEAN HOLLOW SB	6" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT OR ABOVE OPTIMUM CONTENT AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION
BURLEIGH H. MURRAY RANCH PESCADERO SB- NORTH ANO NUEVO GAZOS SP	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 2% ABOVE OPTIMUM & COMPACTED TO AT LEAST 90% RC
COWELL RANCH SB POMPONIO SB	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 3% ABOVE OPTIMUM MOISTURE CONTENT & COMPACTED TO AT LEAST 87% BUT NOT EXCEEDING 92% RELATIVE COMPACTION
SAN GREGORIO SB	18" MIN.	

NOTES:
- "T" = THICKNESS OF CLASS 2 AGGREGATE BASE
- INFORMATION FROM GEOCON GEOTECHNICAL REPORT SECTION 6.5.6 DATED JULY 7, 2022 & REVISED JANUARY 5, 2023

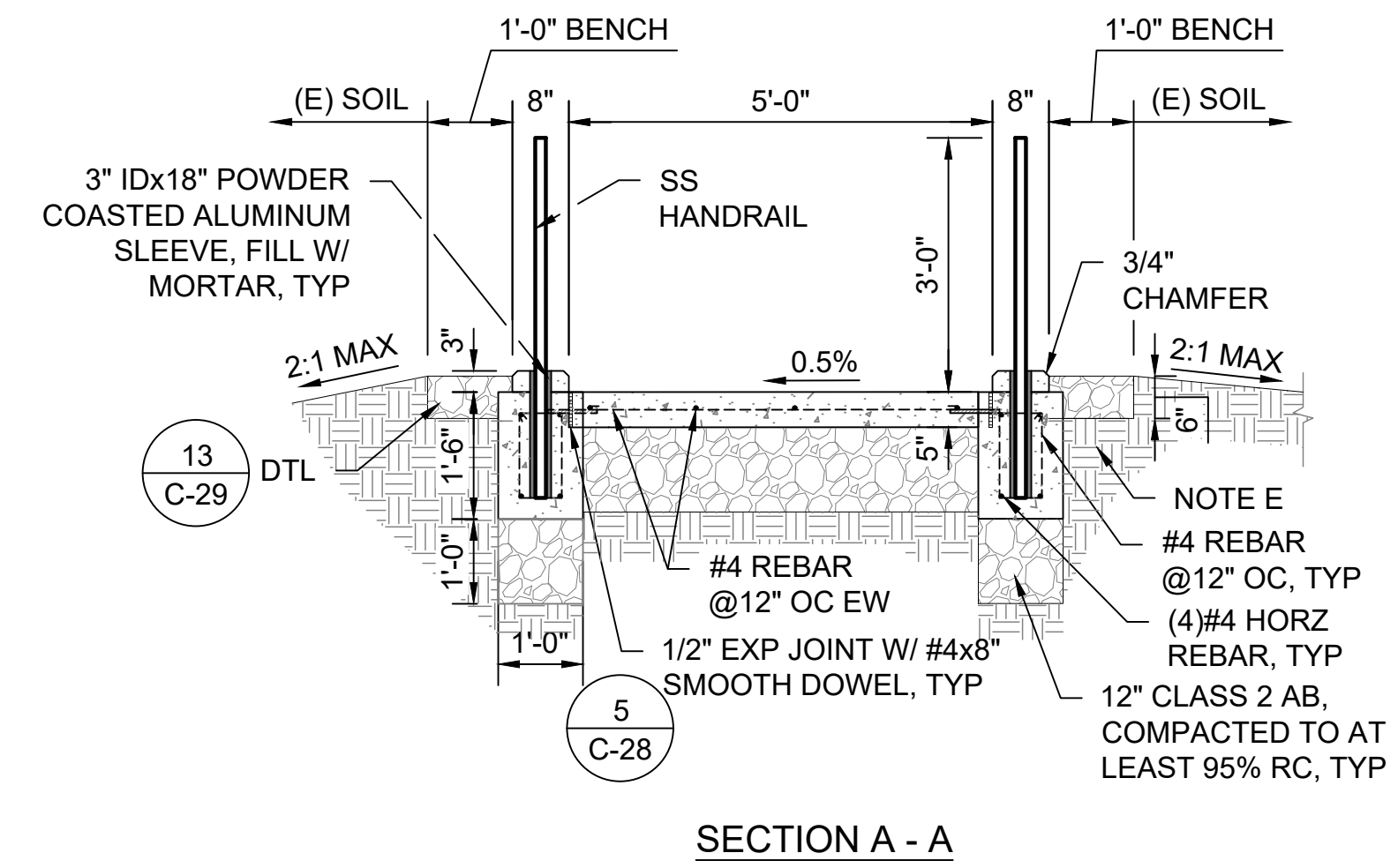
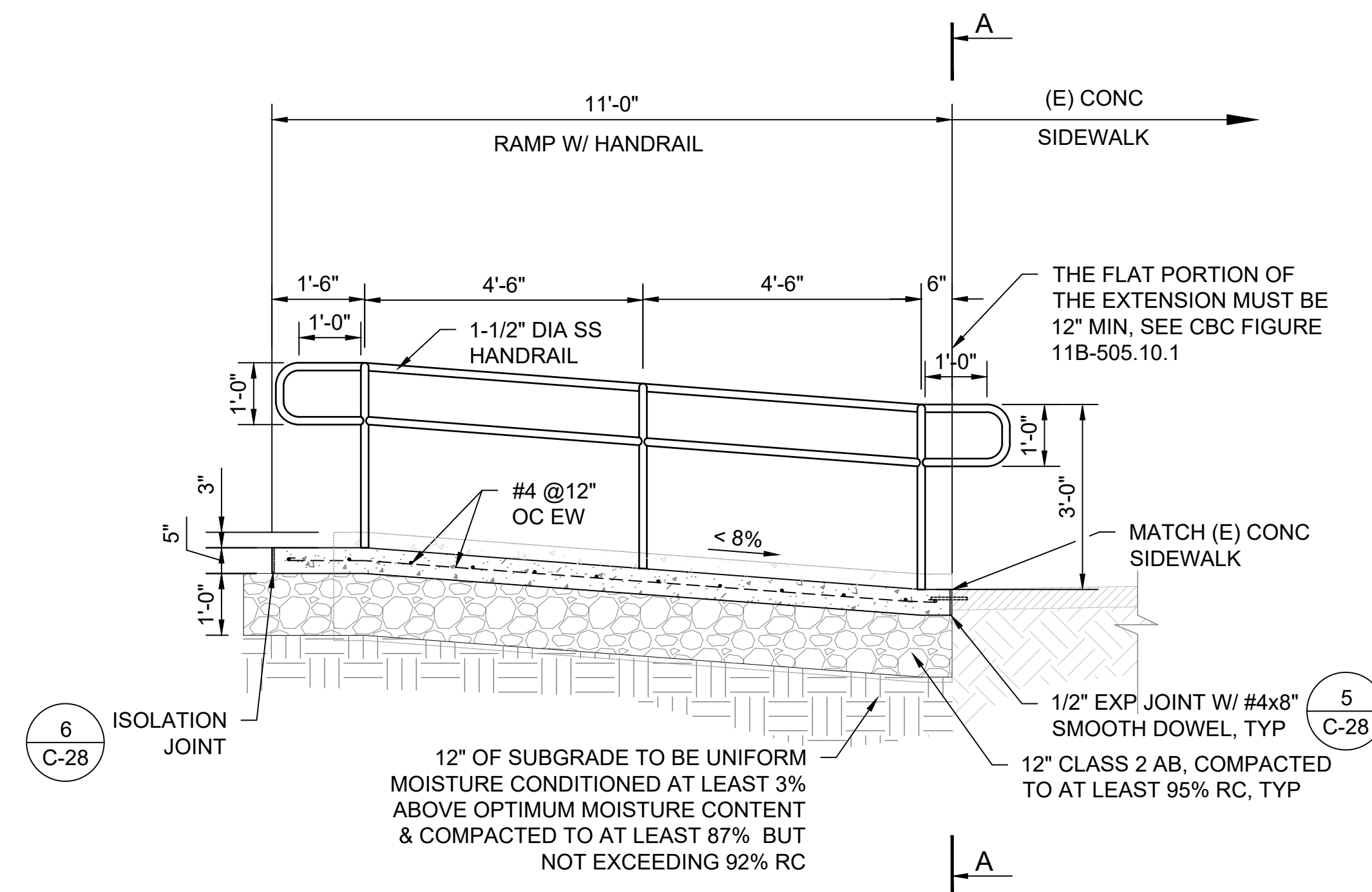
File: Q:\samba_cruz_districtwide\206279-sam_mateo_coast_r_replacement\05_drawings\Civil\C-29 SITE PAVING DETAILS.dwg Layout: C-29 Site Paving Dtls_CR Date: October 30 2023 - 1:47 pm User: ile



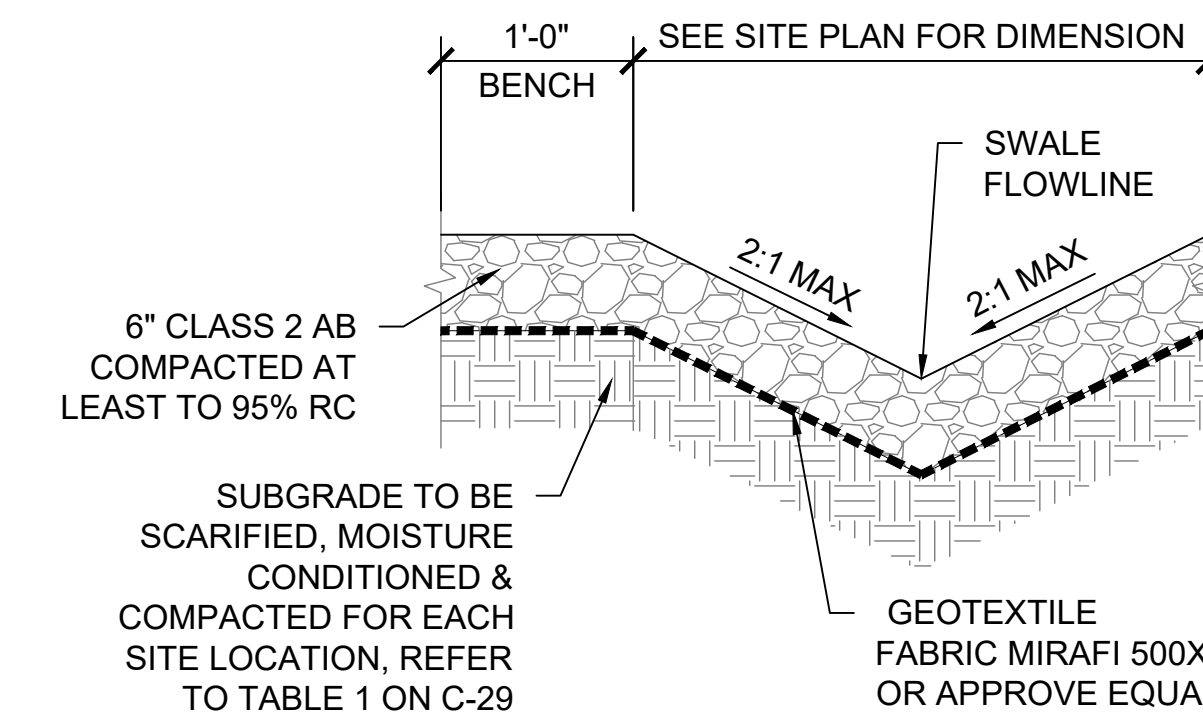
FACILITIES AND DEVELOPMENT DIVISION

NOTES:

1. CONTRACTOR SHALL SUBMIT CERTIFIED ENGINEER'S SHOP DRAWINGS TO THE STATE REPRESENTATIVE DOCUMENTING LAYOUT AND THAT SPACING BETWEEN POSTS WILL MEET ACCESSIBLE REQUIREMENT OF 250 LBS. OF FORCE IN ANY DIRECTION. SUBMITTAL TO BE APPROVED PRIOR TO FABRICATING RAILS.
2. ALL FASTENERS TO BE STAINLESS STEEL
3. HANDRAILS TO BE CONTINUOUS AT CORNERS AND TURNING
4. GRIND ALL WELDS SMOOTH & FLUSH



1 RAMP WITH HANDRAIL
 SCALE@22X34 1/2" = 1'-0"



4 SWALE TYPICAL
 SCALE@22X34 1" = 1'-0"



DPR ACCESS COMPLIANCE REVIEW
 ACCESSIBILITY SECTION
 CERTIFICATION #
 Reviewed by Date
 ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: TL
 DRAWN: TL
 CHECKED: KR & MP
 DATE: OCTOBER 2023

REVISIONS	DATE

COWELL RANCH STATE BEACH
 VAULT RESTROOM PLACEMENT

SITE DETAILS

206279.034

SHEET NO.

C-31

034 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION CERTIFICATION #

DESIGNED: TL DRAWN: TL CHECKED: MP DATE: OCTOBER 2023

Table with 2 columns: REVISIONS, DATE

COWELL RANCH STATE BEACH VAULT RESTROOM PLACEMENT PRECAST SINGLE VAULT RESTROOM BUILDING

206279.036

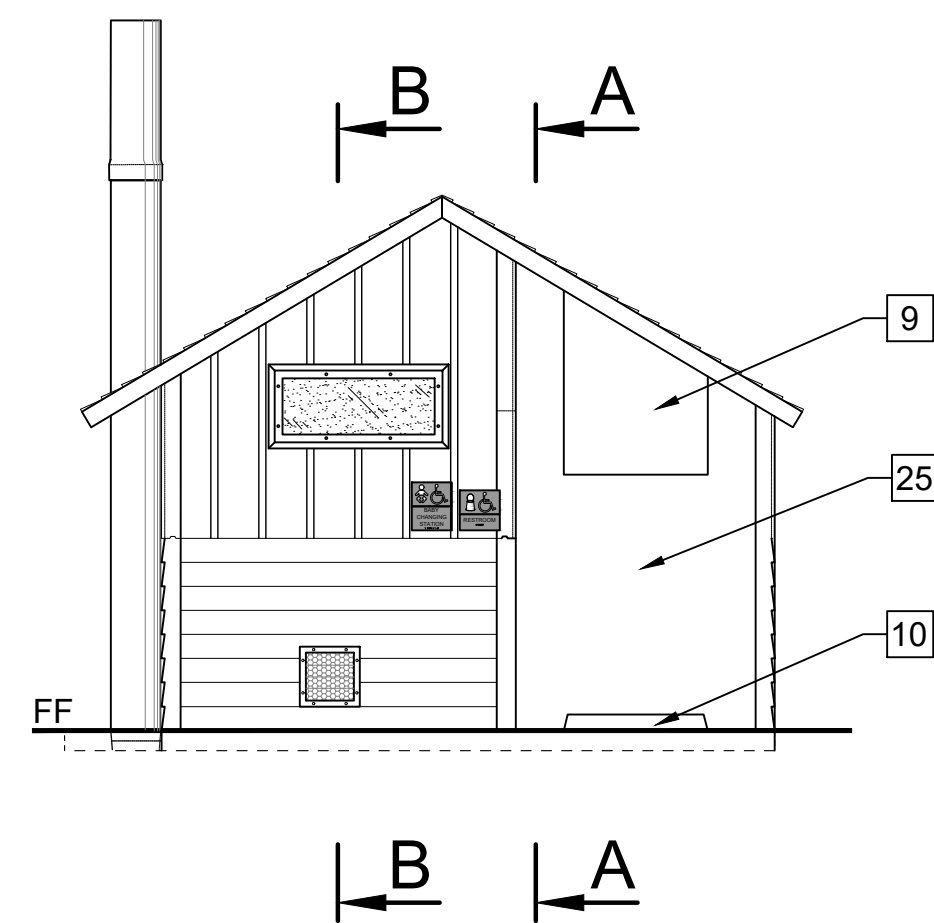
SHEET NO. C-33 036 OF 038

KEYNOTES:

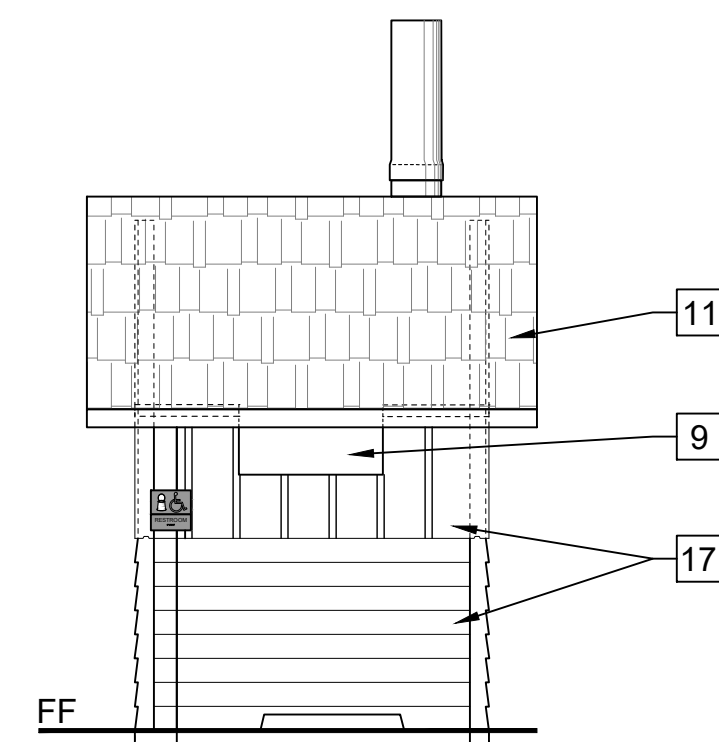
- 1 RISER
2 'L' SHAPED 1-1/2" SS GRAB BARS, 250LB POINT LOAD MIN. CAPACITY
3 SS TOILET PAPER DISPENSER, (3) ROLL BAR WITH LOCK
4 EDGE OF ROOF LINE ABOVE
5 VAULT VENTILATOR TUBE
6 VAULT ACCESS SCUTTLE DOOR
7 VAULT TANK BELOW GRADE
8 VAULT FOUNDATION: 12" MIN. THICK LEVELING COURSE OF 1-1/2" ANGULAR CRUSHED ROCK CONSOLIDATE W/ VIBROPLATE COMPACTOR ABOVE GEOTEXTILE FILTER FABRIC (MIRAFI 140N OR EQUAL), REFER TO GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION
9 OPENING THROUGH PANEL
10 OPENING THROUGH SCUPPER
11 SIMULATED STANDING CEDAR SHAKE TEXTURE CONCRETE ROOF PATTERN, COLOR GRANITE ROCK, 2K ANTI-GRAFFITI COATING
12 CONCRETE BUILDING SLAB BY MANUFACTURE OF PRE-CAST BUILDING, COORDINATE ELEVATION WITH CONCRETE WALK FOR ACCESSIBLE ENTRANCE PER GRADING SHEET C-2, C-4
13 3'-0"x6'-8" FIBERGLASS DB LVR DOOR AND FRAMESET, TOP PAINTED WITH DTM ALKYD
14 TOILET SIGNAGE ON SHEET RESTROOM DETAILS
15 SIGN TO READ: "DO NOT PUT TRASH IN TOILET"
16 SS WALL VENT
17 BOARD & BATT TEXTURE UPPER WITH HORIZONTAL LAP LOWER TEXTURE WALLS, COLOR SAND BEIGE. 2K ANTI-GRAFFITI COATING ON ALL FINISHED SURFACES.
18 SS DOOR LOUVER
19 SET BUILDING SLAB FLUSH, LEVEL AND W/ SMOOTH TRANSITION AT CONCRETE SIDEWALK IN AREA IN FRONT OF ENTRANCE TO THE RESTROOM, COORDINATE W/ GRADING SHEET PER EACH LOCATION
20 TRANSLUCENT LEXAN WINDOW GLAZING WITH STEEL FRAME
21 BABY CHANGING TABLE: MODEL 100-EH-BP HORIZONTAL DIAPER CHANGING STATION WITH EZ MOUNT BACKER PLATE OR APPROVE EQUAL, TABLE WIDTH SHALL NOT EXCEED 18".
22 ACCESSIBLE MANEUVERING AREAS - CIRCLE: 60" Ø & RECTANGLE: 56"W x 60"D
23 SS DOUBLE COAT HOOK
24 PAINT - WHITE
25 DOOR STOP
26 ALL PORTIONS OF THE EAVES WHICH ARE LESS THAN 80" ABOVE THE WALKING SURFACE SHALL PROJECT NO MORE THAN 4" FROM THE SIDE OF THE BUILDING.

GENERAL NOTES:

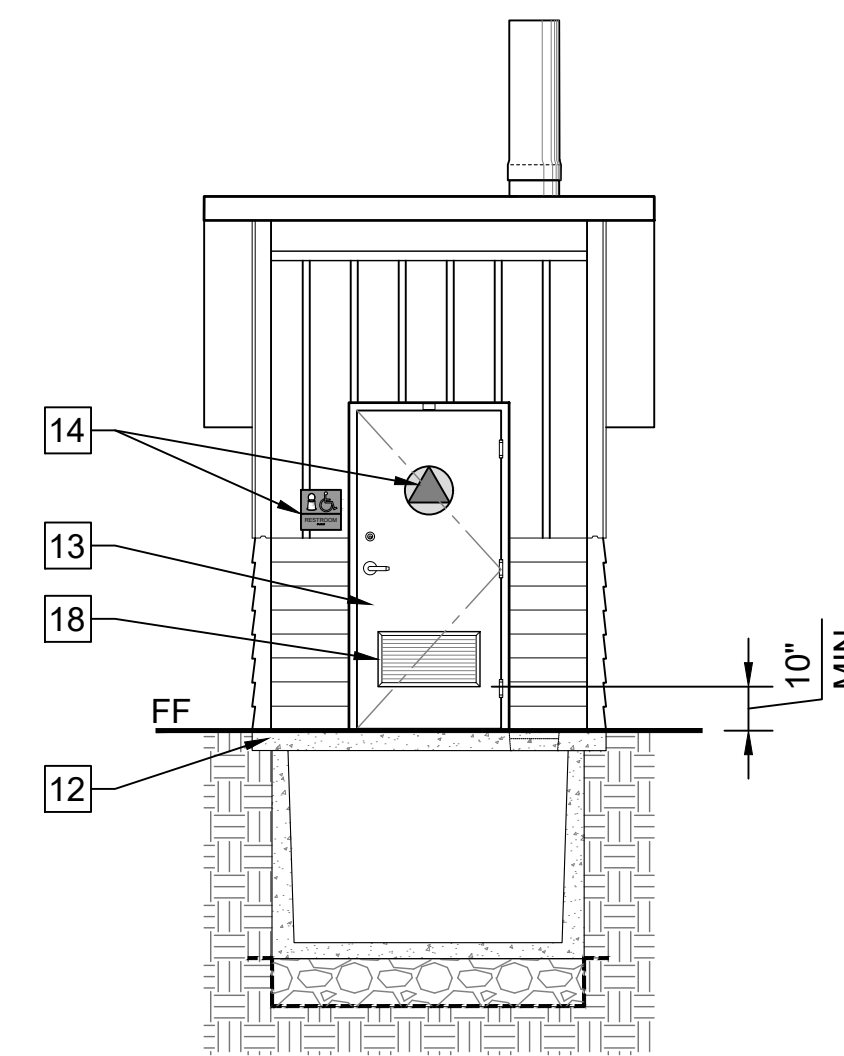
- 1. THE FLOOR PLAN IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL INCLUDING MANUFACTURER'S PLANS, ELEVATIONS, SECTIONS AND DETAILS. SHOP DRAWINGS SHALL BE STAMPED AND SIGNED BY A DESIGN PROFESSIONAL LICENSED IN THE STATE OF CALIFORNIA.
2. RESTROOMS SHALL BE PRECAST CONCRETE TOILET MODULARS THAT PROVIDE A FULLY INTEGRAL, OPERATIONAL BUILDING. SEE SPECIFICATIONS FOR DEFERRED SUBMITTAL REQUIREMENTS.
3. BASIS OF DESIGN: THE FLOOR PLAN, ROOF PLAN, AND ELEVATIONS ARE BASED, IN GENERAL, ON THE CXT PRECAST PRODUCT, A MODIFICATION OF THE MODEL SINGLE CASCADIAN RIGHT HAND STANDARD BUILDING. EQUIVALENT PRODUCTS FROM OTHER MANUFACTURER'S REVIEWED BY CALIFORNIA DEPARTMENT OF PARKS AND RECREATION, ACQUISITION AND DEVELOPMENT DIVISION, MAY BE SUBSTITUTED IN ACCORDANCE WITH PROVISIONS OF THE CONTRACT.
4. ALL DIMENSIONS SHOWN ARE MINIMUM REQUIRED DIMENSIONS. REFER TO SHEET C-37 FOR ACCESSIBLE REQUIREMENTS.
5. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-31.



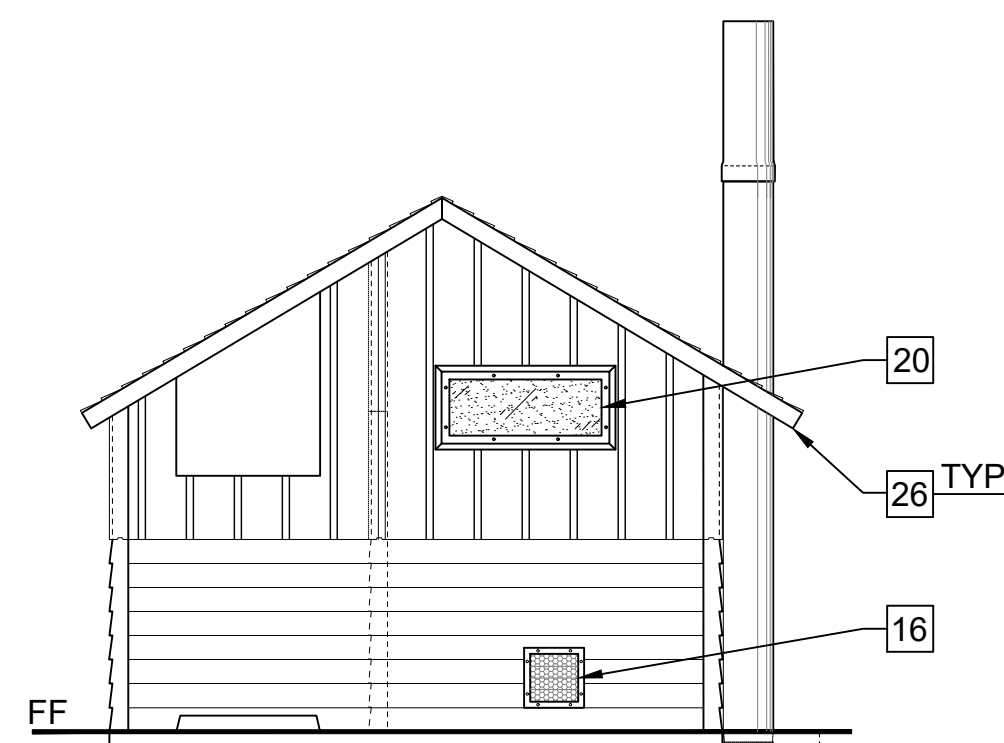
1 FRONT ELEVATION SCALE@24X36 1/4" = 1'-0"



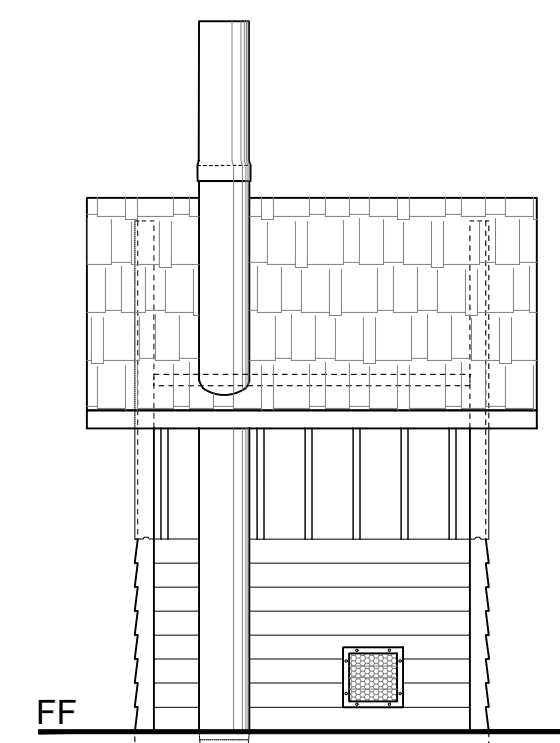
3 RIGHT SIDE ELEVATION SCALE@24X36 1/4" = 1'-0"



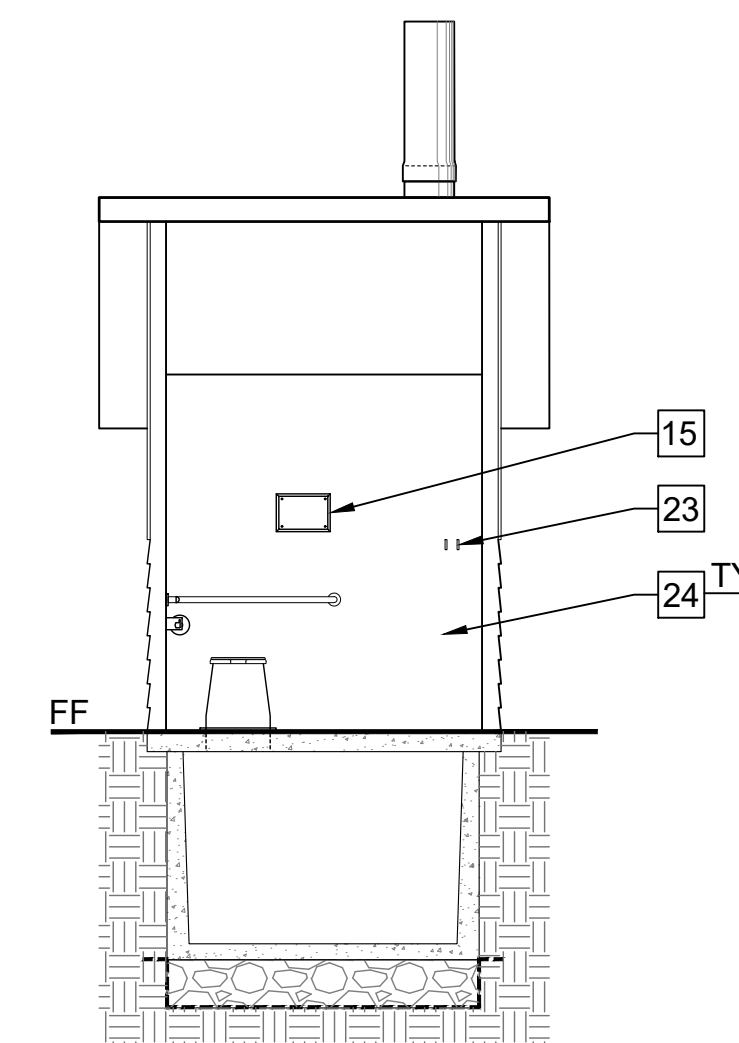
5 SECTION A-A SCALE@24X36 1/4" = 1'-0"



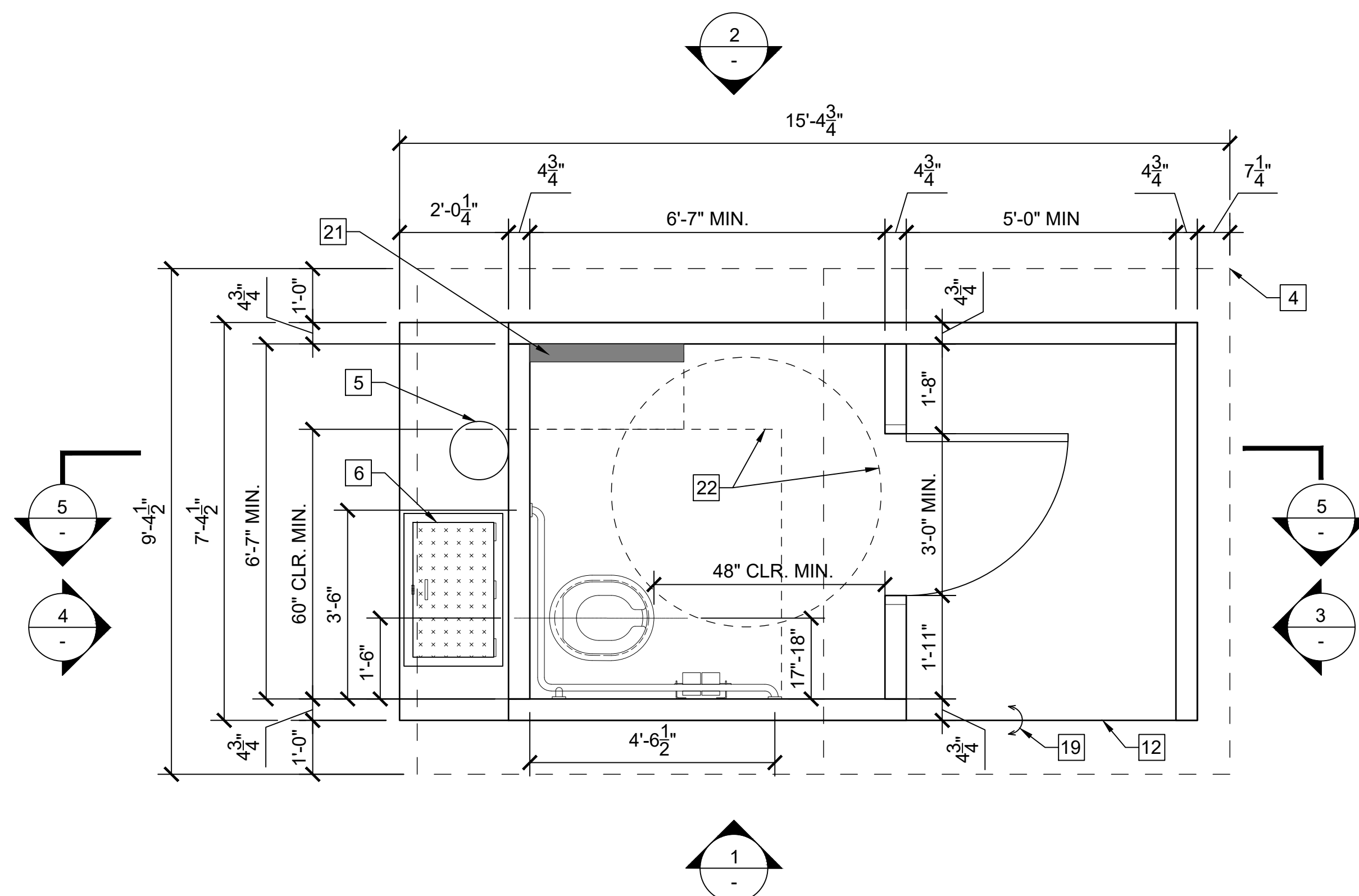
2 REAR ELEVATION SCALE@24X36 1/4" = 1'-0"



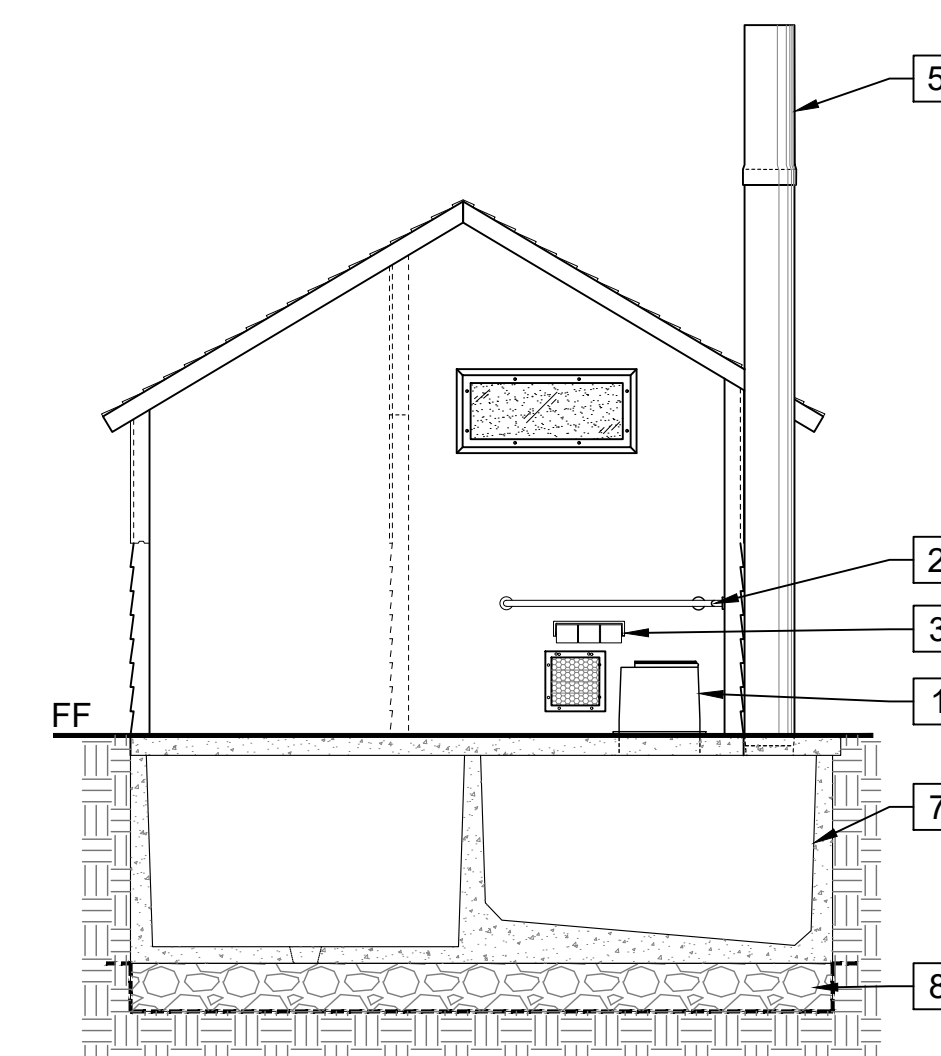
4 LEFT SIDE ELEVATION SCALE@24X36 1/4" = 1'-0"



7 SECTION B-B SCALE@24X36 1/4" = 1'-0"



7 FLOOR PLAN SCALE@24X36 1/2" = 1'-0"

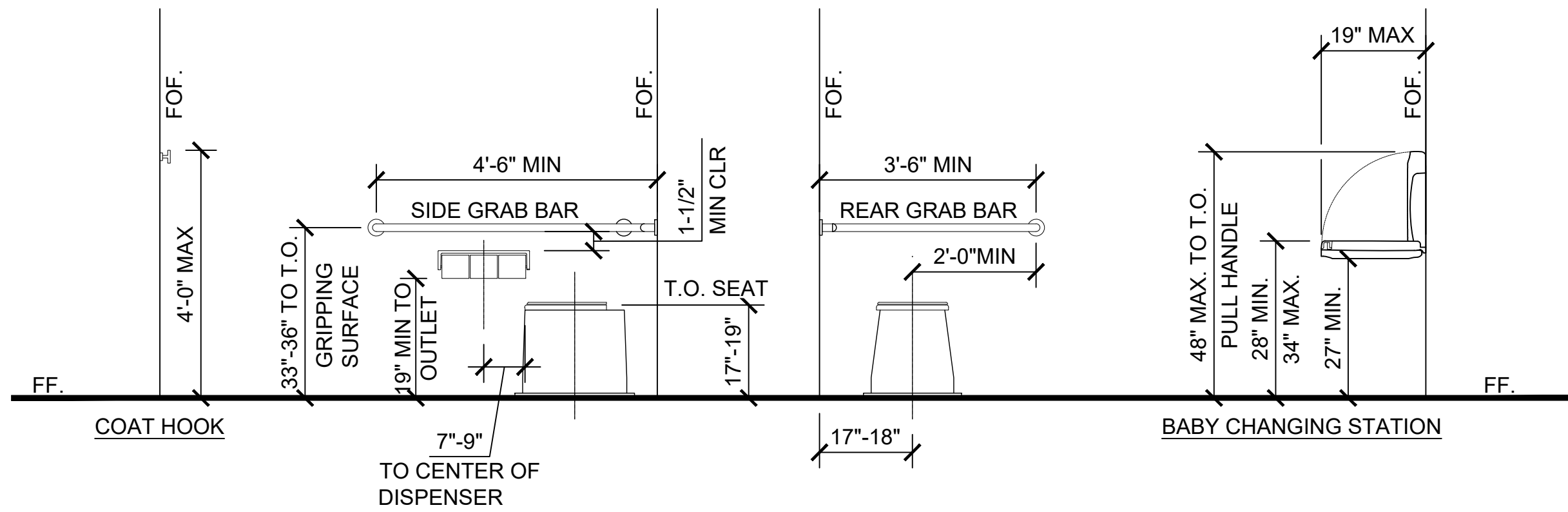


5 LONGITUDINAL SECTION SCALE@24X36 1/4" = 1'-0"

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-33 Precast Single Vault RR Bldg_Cowell Ranch Date: October 30 2023 - 2:21 pm User: ile



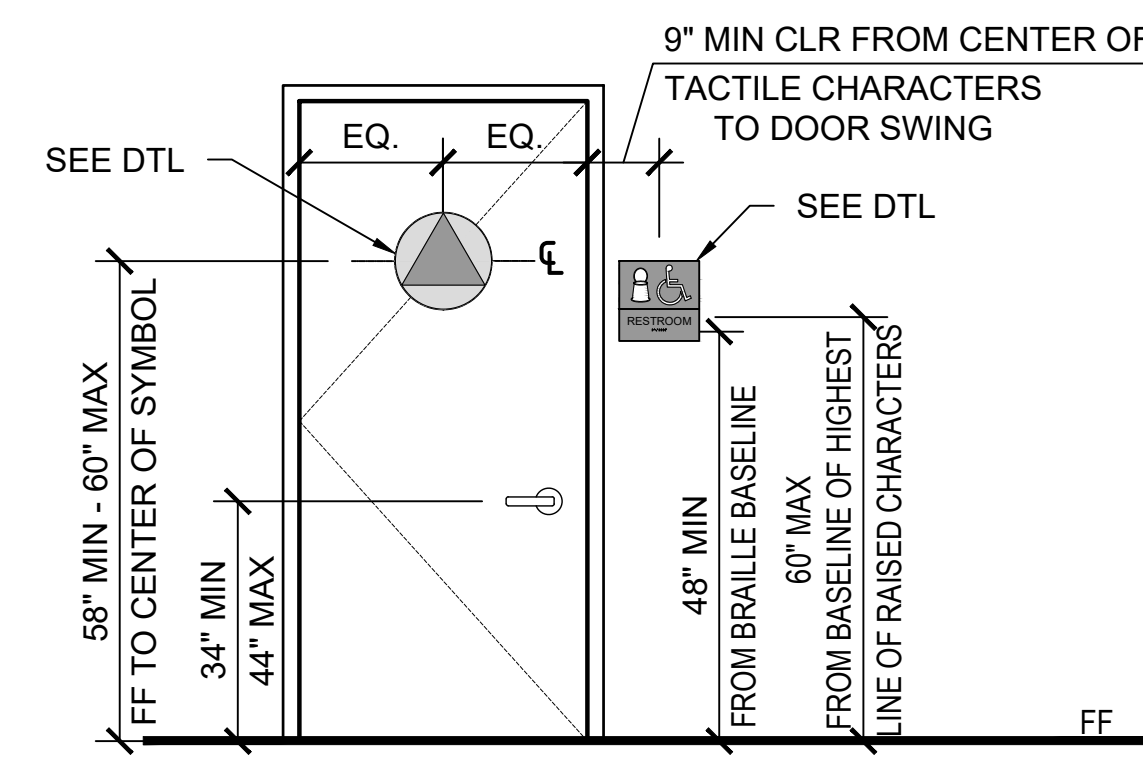
FACILITIES AND DEVELOPMENT DIVISION



- NOTES:
- REFER TO 2022 CBC FOR FURTHER INFORMATION:
 - SECTION 11B-306 KNEE AND TOE CLEARANCE
 - SECTION 11B-308 REACH RANGES
 - SECTION 11B-604 WATER CLOSETS AND TOILET COMPARTMENTS
 - NO TOLERANCE PERMITTED BEYOND NOTED MINIMUMS OR MAXIMUMS.
 - OPERATING HANDLE, 5 LBS MAXIMUM OPERATING FORCE AUTOMATIC OR PLACED ON WIDE SIDE OF THE FIXTURE COMPARTMENT.

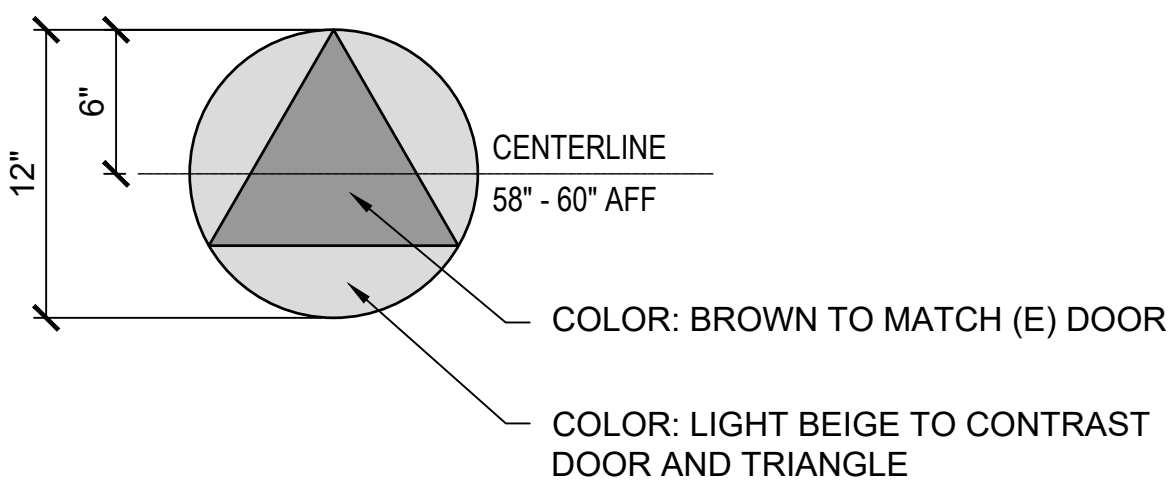
1 RESTROOM FIXTURE MOUNTING LOCATIONS
SCALE@22X34 1/2" = 1'-0"

- NOTES: ADJUST DOOR OPENING TO 5 LBS OF FORCE MAX
ADJUST DOOR CLOSER WHEN DOOR IS OPENED OF MIN 70° DOOR SHALL CLOSE A MIN TIME OF 1.5 SECONDS

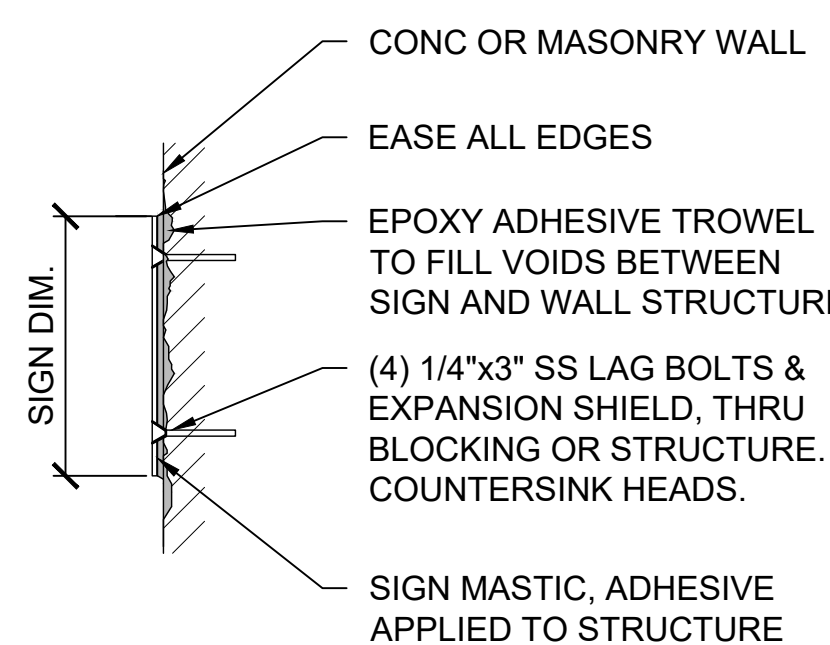


2 RESTROOM SIGN LOCATION
SCALE@22X34 1/2" = 1'-0"

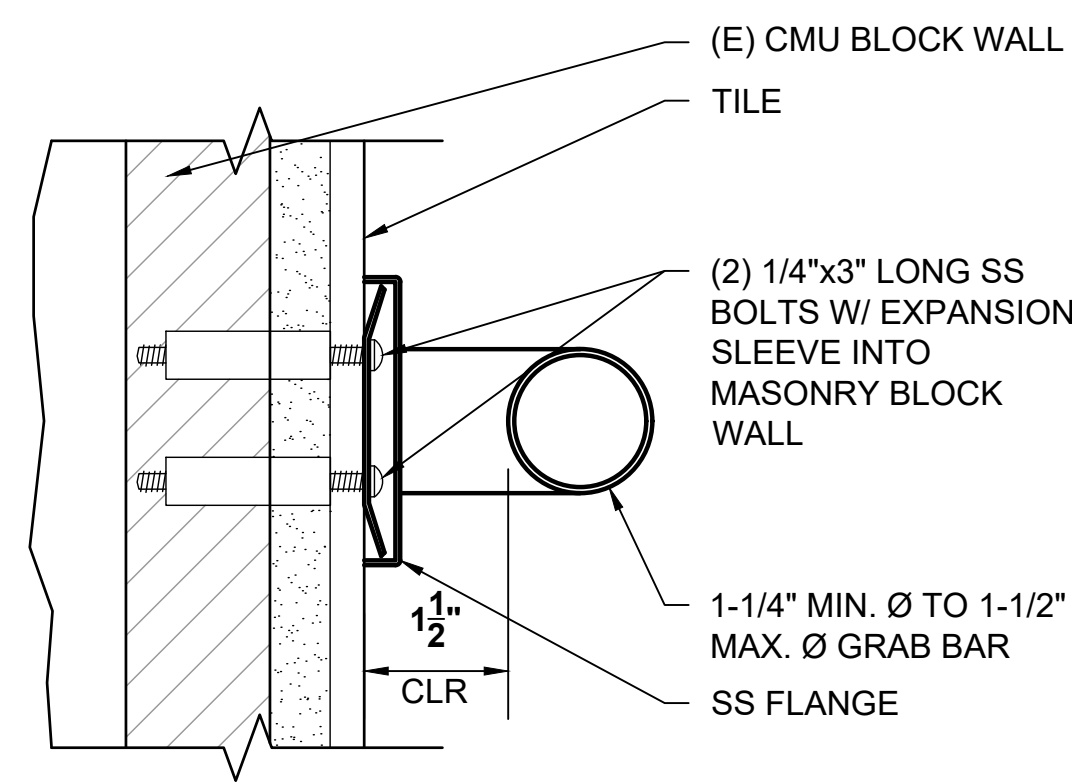
- NOTES:
- RESTROOM DOOR SIGNS: 1/4" THICK - SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. UNISEX CIRCLE SHALL COLOR CONTRAST WITH DOOR COLOR AND TRIANGLE COLOR, CONTRAST SHALL BE 70% MIN.
 - MOUNTED 58" - 60" AFF TO THE CENTER OF THE SIGN AND CENTERED ON THE DOOR
 - NO LETTERS OR CHARACTERS



3 RESTROOM DOOR SIGN
SCALE@22X34 1 1/2" = 1'-0"

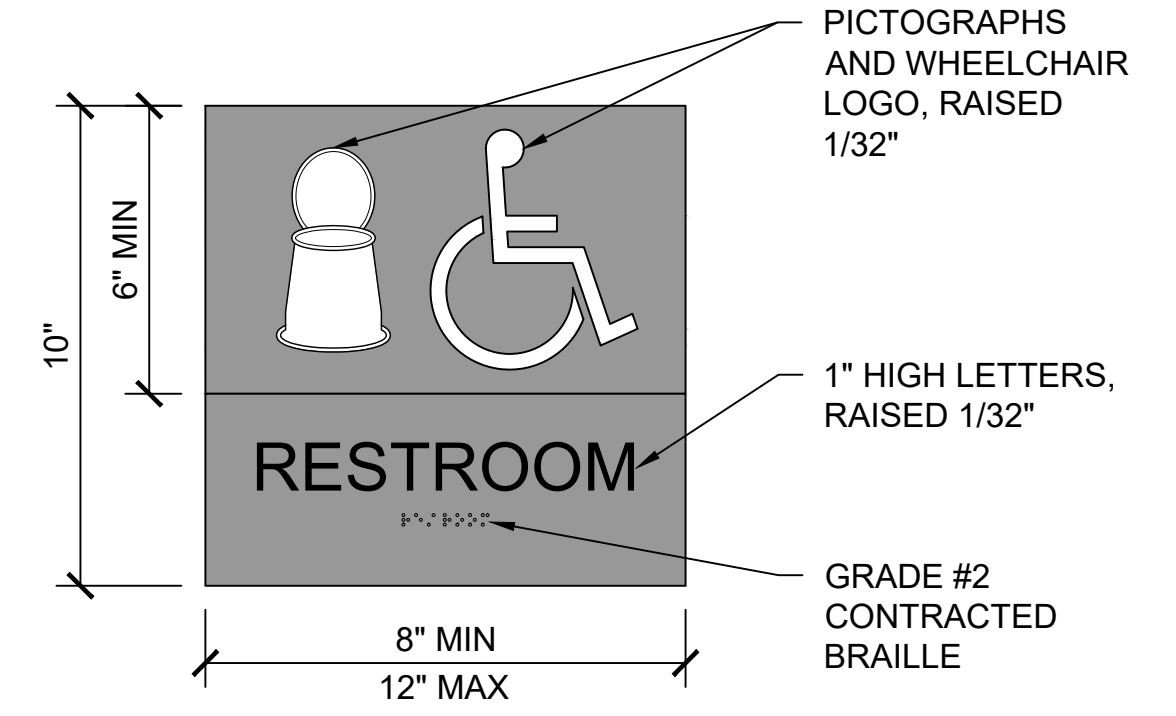
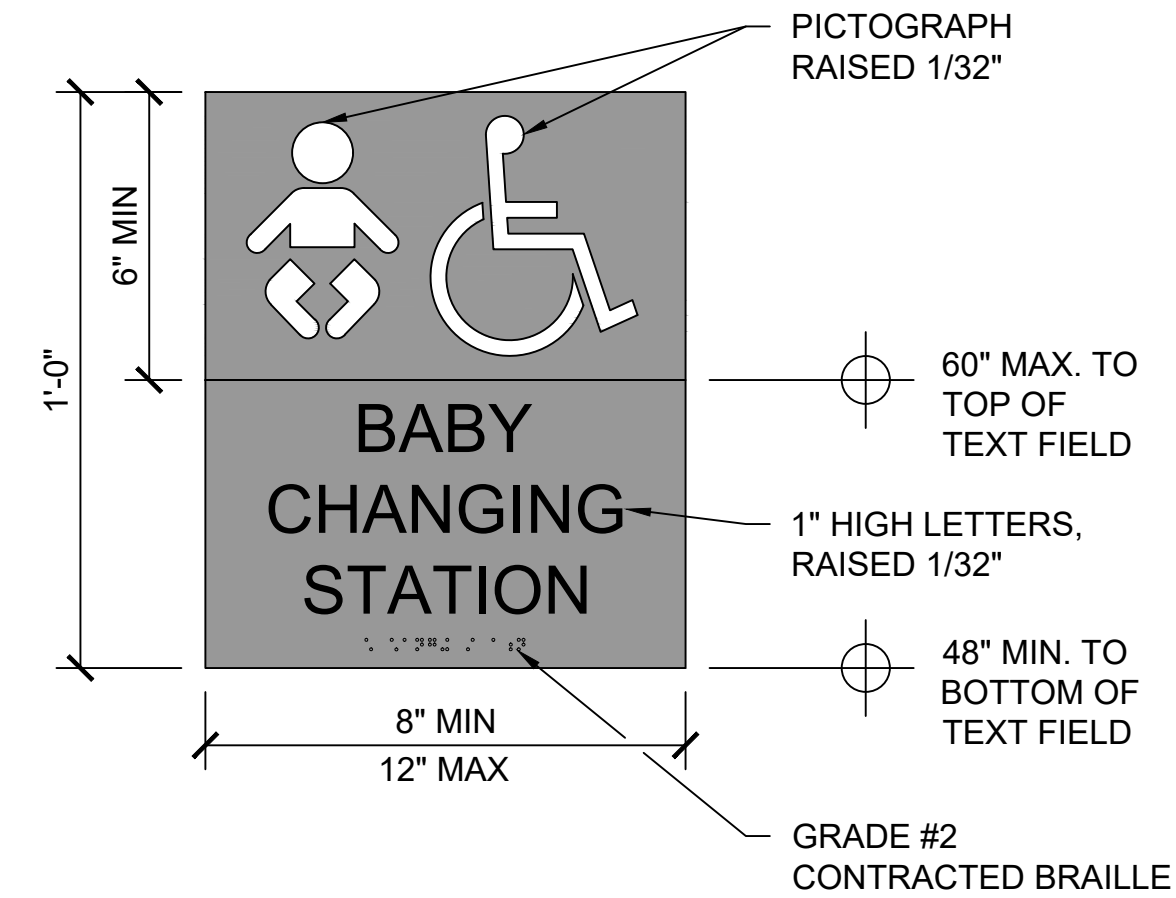


4 WALL SIGNS MOUNTING
SCALE@22X34 1 1/2" = 1'-0"



5 GRAB BAR MOUNTING
SCALE@22X34 6" = 1'-0"

- NOTES: ALL WALL & DOOR SIGNS: 1/4" THICK, SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. SYMBOLS AND LETTER SHALL CONTRAST AND BE SELECTED BY STATE REPRESENTATIVE FROM MANUFACTURERS FULL LINE OF COLOR OFFERINGS, UNO. COLOR SHALL BE THROUGH PRODUCT, NOT A COLOR SHEET APPLIED TO A TRANSPARENT OR TRANSLUCENT SHEET OF ACRYLIC. REFER TO 2022 CBC SECTION 11B.703 FOR FURTHER INFORMATION



6 RESTROOM WALL SIGNS
SCALE@22X34 3" = 1'-0"



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DRAWN:	TL
CHECKED:	MP
DATE:	OCTOBER 2023

REVISIONS	DATE

COWELL RANCH STATE BEACH
VAULT RESTROOM PLACEMENT
RESTROOM DETAILS

206279.038

SHEET NO.
C-35
038 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-35 RESTROOM DETAILS.dwg Layout: C-35 RESTROOM DETAILS.dwg User: ile Date: October 30, 2023 - 2:39 pm

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION FACILITIES AND DEVELOPMENT DIVISION ANO NUEVO STATE PARK VAULT RESTROOM PLACEMENT CSFM # 23-N-2345-C-NW

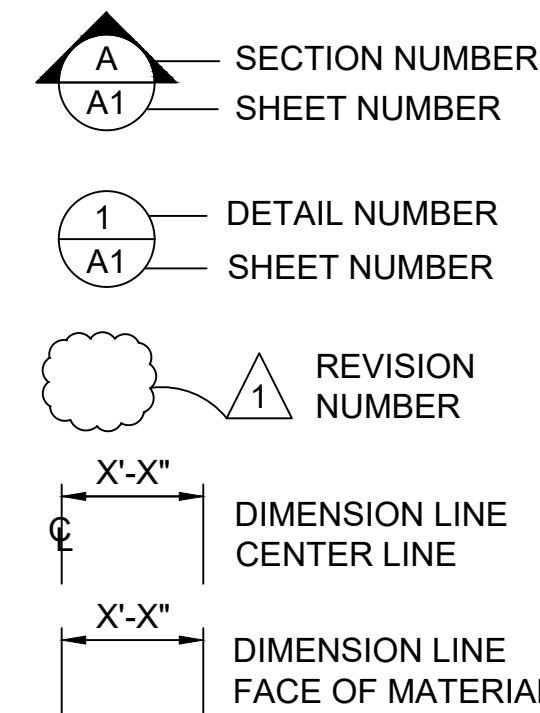


FACILITIES AND DEVELOPMENT DIVISION

MAKE READY SITE AND INSTALL OF PRECAST CONCRETE VAULT RESTROOM. UPGRADE EXISTING PARKING TO MEET CURRENT ACCESSIBLE REQUIREMENTS. BARRIER REMOVAL AT PATH OF TRAVEL FROM PARKING TO RESTROOM AND ANY DAY-USE SITE AMENITIES ON THE PATH OF TRAVEL.

SCOPE OF WORK

- ALL MATERIALS SHOWN OR NOTED ON THE PLANS ARE NEW UNLESS CALLED OUT OTHERWISE.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS SHOWN OR DIMENSIONED HERE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STATE REPRESENTATIVE FOR RESOLUTION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE FOLLOWING LISTED CODES, AND ALL OTHERS HAVING JURISDICTION OVER THE WORK.
 - 2022 CA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
 - 2022 CA BUILDING CODE (CBC), VOLUMES 1 AND 2, PART 2, TITLE 24, C.C.R. (2018 INTERNATIONAL BUILDING CODE AND 2019 CA AMENDMENTS)
 - 2022 CA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2020 CA AMENDMENTS)
 - 2022 CA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2021 CA AMENDMENTS)
 - 2022 CA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R. (2021 UNIFORM PLUMBING CODE W/ 2021 CA AMENDMENTS)
 - 2022 CA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R. (2008 CA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)
 - 2022 CA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R. (2021 INTERNATIONAL FIRE CODE AND 2021 CA AMENDMENTS)
 - 2022 CA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.
 - 2022 CA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
 - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.
 - 2022 TITLE 19 C.C.R., PUBLIC SAFETY, DIVISION 1 STATE FIRE MARSHAL REGULATIONS.



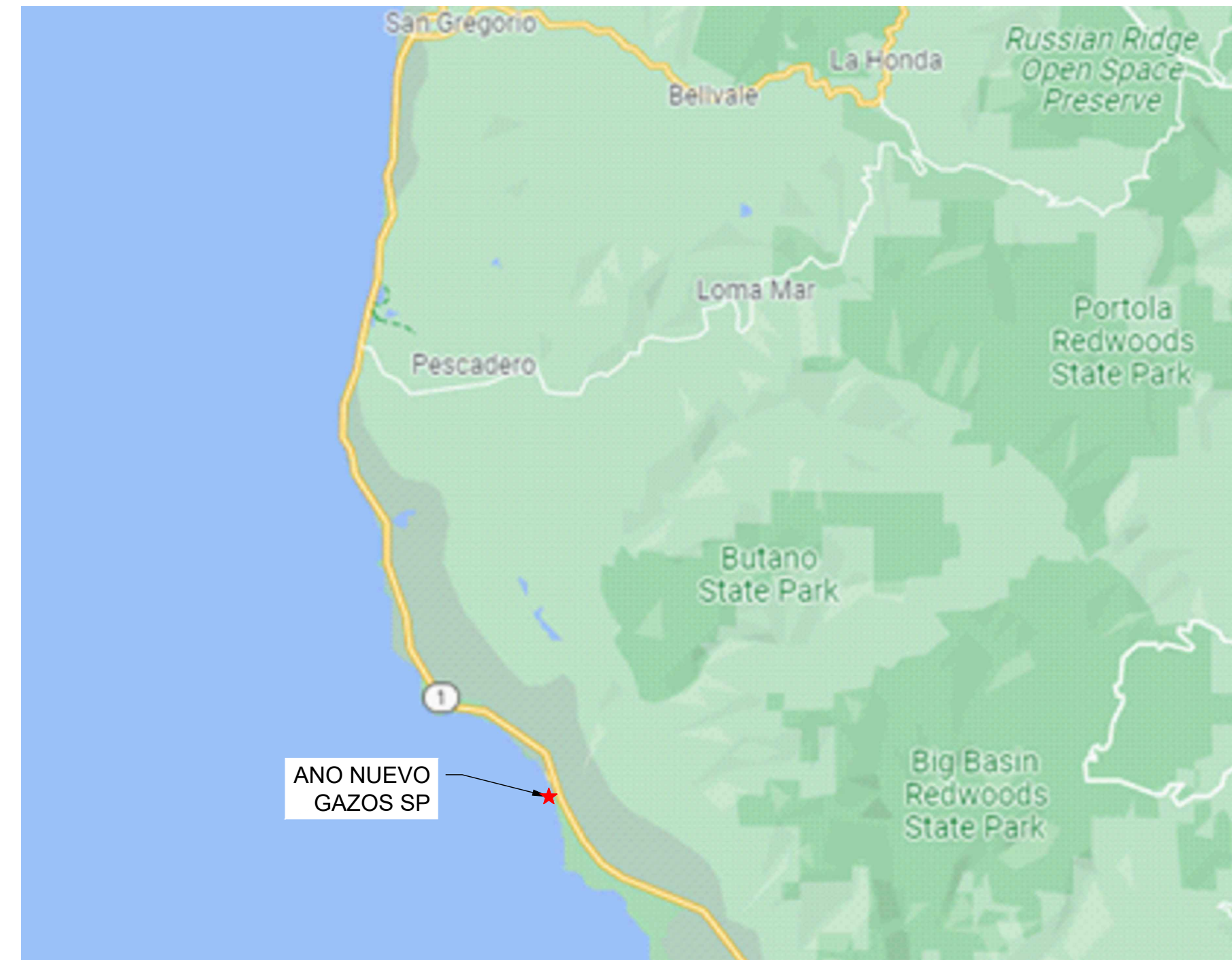
SYMBOLS LEGEND

GENERAL NOTES

- COMPLIANCE WITH ACCESSIBLE REGULATIONS FOR SLOPES AS STATED ON THE PLANS WILL BE VERIFIED BY THE STATE'S REPRESENTATIVE UTILIZING A 24 INCH DIGITAL LEVEL. THE 24 INCH DIGITAL LEVEL WILL BE SUPPLIED BY THE STATE AND WILL BE CALIBRATED BY THE STATE'S REPRESENTATIVE PRIOR TO THE TAKING OF ANY MEASUREMENTS. MEASUREMENTS WILL BE TAKEN IN ANY DIRECTION WITH THE 24" DIGITAL LEVEL AND MEASUREMENTS WILL VERIFY COMPLIANCE WITH SLOPES SPECIFIED ON THE PLANS. WORK THAT DOES NOT MEET THE REQUIREMENTS SHALL BE CONSIDERED NON-COMPLIANT AND WILL NOT BE ACCEPTED BY THE STATE. ANY AREA WHICH IS NON-COMPLIANT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

DEFERRED SUBMITTALS

LOCAL FIRE AUTHORITY APPROVAL



VICINITY MAP



LOCATION MAP

SHEET INDEX		
PAGE	NO.	TITLE SHEET
001	G-1	COVER SHEET
002	G-2	GENERAL NOTES & ABBREVIATIONS
003	G-3	OVERALL SITE PLAN
023	C-20	EXISTING CONDITION & DEMO PLAN
024	C-21	PAVING, HORIZONTAL CONTROL & GRADING PLAN
030	C-27	GRADING & PAVING SECTIONS 6
031	C-28	ACCESSIBLE PARKING & CONCRETE JOINT DETAILS
032	C-29	SITE PAVING DETAILS
037	C-34	PRECAST DOUBLE VAULT RESTROOM BUILDING
038	C-35	RESTROOM DETAILS

SHEET INDEX

NO.	DESCRIPTION	STATUS
1	OCCUPANCY CLASSIFICATION	B
2	BUILDING CONSTRUCTION TYPE	I-B
3	NUMBER OF STORIES	1
4	ACTUAL BUILDING HEIGHT	12'-0"
5	BUILDING AREA IN SQUARE FEET	171 SF
6	AREA OF PROJECT IN SQUARE FEET	1,600 SF
7	SEPARATED OR NON-SEPARATED USE	NON-SEPARATED
8	ALLOWABLE AREA PER CBC	UL
9	AREA INCREASE	NO
10	HEIGHT INCREASE	NO
11	FIRE SPRINKLERS TYPE: (WET, DRY, PRE-ACTION OR DELUGE)	NO
12	FIRE ALARM TYPE: (MANUAL, AUTOMATIC, ETC)	NO
13	OTHER FIRE PROTECTION SYSTEMS, IF ANY	NO
14	SMOKE CONTROL SYSTEM	NO
15	OCCUPANT LOAD FOR ENTIRE BUILDING AND EACH FLOOR	2
16	YEAR BUILDING WAS CONSTRUCTED	NEW
17	IN A HIGH FIRE HAZARD SEVERITY ZONE?	NO

NOTE: ALL ROOMS ARE SINGLE OCCUPANCY, BASED ON OCCUPANT LOAD OF 1 OCCUPANT PER 150 SQUARE FEET, AND EXIT DIRECTLY TO THE EXTERIOR.

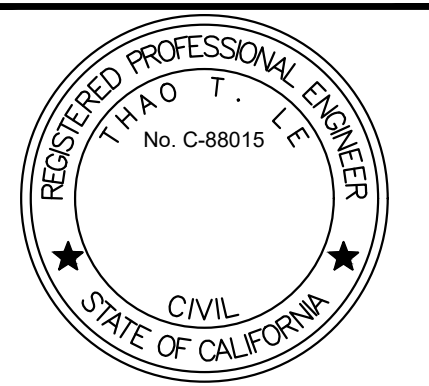
BUILDING CODE REVIEW

STATE OF CALIFORNIA
DEPARTMENT OF PARKS AND RECREATION
FACILITIES AND DEVELOPMENT DIVISION
NORTHERN SERVICE CENTER
2241 HARVARD STREET, SUITE 200
SACRAMENTO, CA 95815

PREPARED BY

SANTA CRUZ DISTRICTWIDE
GAZOS CREEK RD, CABRILLO HIGHWAY SOUTH, PESCADERO, CA 94060
PARK SECTOR OFFICE: 95 KELLY AVENUE, HALF MOON BAY, CA 94019
SAN MATEO COUNTY

SITE ADDRESS



DPR ACCESS COMPLIANCE REVIEW
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NO.	REVISIONS	DATE

ANO NUEVO STATE PARK
VAULT RESTROOM PLACEMENT
COVER SHEET

206279.001

SHEET NO.
G-1
001 OF 038

CONCRETE

- STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH AS REQUIRED IN NOTE 24. MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.
- CONCRETE MIX DESIGNS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER, REVIEWED BY CONTRACTOR'S TESTING LABORATORY AND SUBMITTED TO THE STATE REPRESENTATIVE FOR REVIEW.
- CEMENTITIOUS MATERIALS:
CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II.
FLY ASH SHALL CONFORM TO ASTM C-618. MAXIMUM QUANTIFY OF FLY ASH SHALL BE AS GIVEN IN SPECS (15% MAXIMUM UNO).
- CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE AND ASTM C-330 FOR LIGHTWEIGHT CONCRETE.
- NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREMIXED NONMETALLIC FORMULA.
- REINFORCING BARS SHALL CONFORM TO ASTM D7957 / D7957M-17 FOR #3 AND LARGER. CONTRACTOR SHALL SUBMIT REBAR MANUFACTURER CERTIFICATES.
- REINFORCING BARS SHALL BE INSTALLED ACCORDING TO ACI 440.1-15 "GUIDE FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL CONCRETE REINFORCED WITH FIBER-REINFORCED POLYMER BARS AND ACI 440.5-08 "SPECIFICATION FOR CONSTRUCTION WITH FIBER-REINFORCED POLYMER REINFORCING BAR."
- DIMENSION SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS LISTED AND DENOTE CLEAR COVERAGE. NON-PRESTRESSED, CAST-IN-PLACE CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO:
CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) _____ 3"
CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS:
#5 AND SMALLER _____ 1-1/2"
#6 AND LARGER _____ 2"
SLABS (ON FORMS) _____ 3/4"
SLABS (ON GROUND) _____ 2" CLEAR FROM TOP UNO
- SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED UNO, SEE SCHEDULE THIS SHEET. SPLICES IN ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLICE CONTINUOUS BARS IN SOIL-BEARING GRADE BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIONS AS FOLLOWS UNO: TOP BARS AT CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLICE CONTINUOUS BARS IN ELEVATED SLABS AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE OF SUPPORT. SPLICES IN WWF SHALL BE 1-1/2" MESHES WIDE.
- THE MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN THE LARGER OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM AGGREGATE SIZE (NOMINAL), WHICHEVER IS GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR SPACING BETWEEN DIFFERENT LAYERS OF PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A CONTACT LAP SPLICE AND ADJACENT SPLICES OR BARS.
- ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED. AT WALLS, PROVIDE HOOKS AT ENDS OF ALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS, UNO.
- CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SAND BLASTING, OR RAKING THE SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
- REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE.
- ANCHOR BOLTS (AB'S) CAST IN CONCRETE OR MASONRY FOR WALL SILL AND LEDGER / APPLICATIONS SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM A307, UNO. REFER TO "WOOD" NOTES FOR ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH PRESSURE TREATED OR FIRE RETARDANT MATERIAL. REFER TO 'STRUCTURAL STEEL' NOTE FOR REQUIREMENTS FOR ANCHOR RODS (AR'S) CAST IN CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED APPLICATIONS.
- DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMN FROM FOUNDATION WITH SAME SIZE BAR.
- CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING BARS (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES HOPPER AND CHUTES OR TRUNKS OF VARIABLE LENGTHS SHALL BE USED SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 6 FEET.
- DRILL THROUGH STEEL COLUMNS, BEAMS AND PLATES TO PASS CONTINUOUS REINFORCING.
- NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
- PROVIDE #5 x 4'-0" DIAGONAL REINFORCING AT TOP AND BOTTOM OF SLAB AT ALL RE-ENTRANT CORNERS TYPICAL. THIS APPLIES TO SLAB ON GRADE, CONCRETE OVER METAL DECK, AND ELEVATED STRUCTURAL SLAB CONDITIONS.
- ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR DAMAGE.
- BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED.
- NOTIFY STATE REPRESENTATIVE A MINIMUM OF 48 HOURS BEFORE PLACING ANY CONCRETE.
- CONCRETE STRENGTHS & MIX PROPERTIES:

ITEM	F'C @ 28 DAYS	MAX. AGGR. SIZE	WEIGHT	MAX W/CM*
A. FOUNDATIONS	3500 PSI	1-1/2"	NW	0.45
B. SLAB ON GRADE	4000 PSI	1"	NW	0.45
C. SITE AND MISCELLANEOUS	3500 PSI	1"	NW	0.45

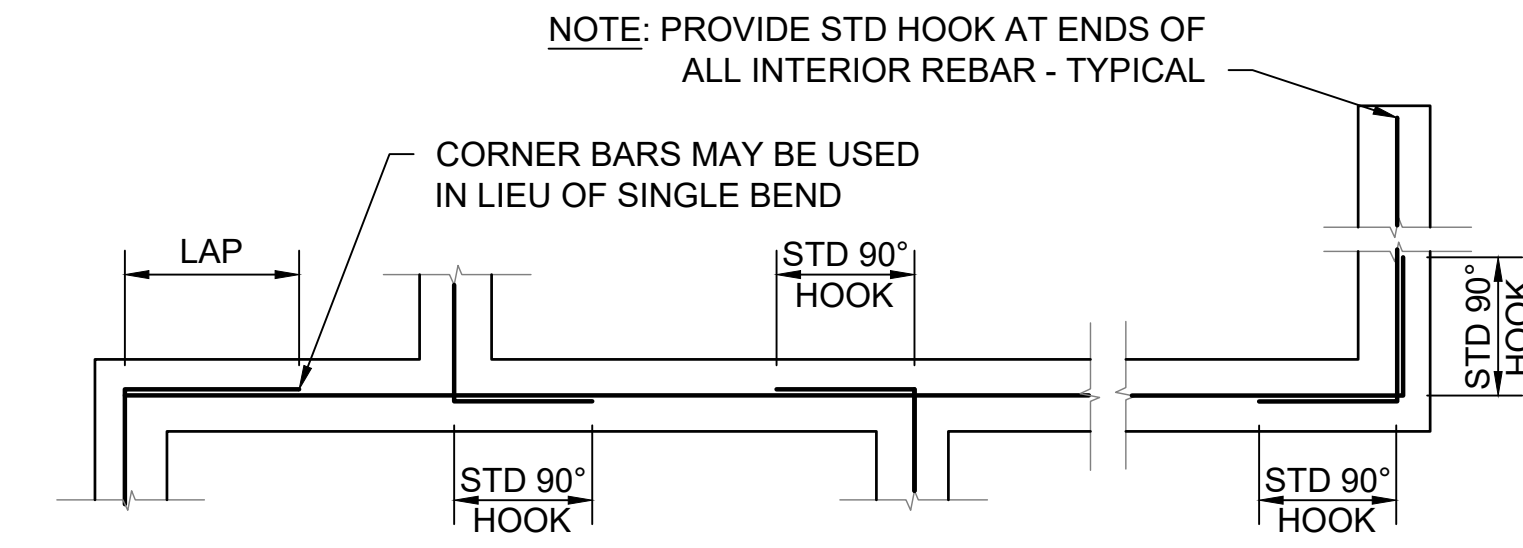
* W/CM = WATER : CEMENTITIOUS MATERIAL RATIO

REINFORCEMENT LAP SPLICE SCHEDULE:

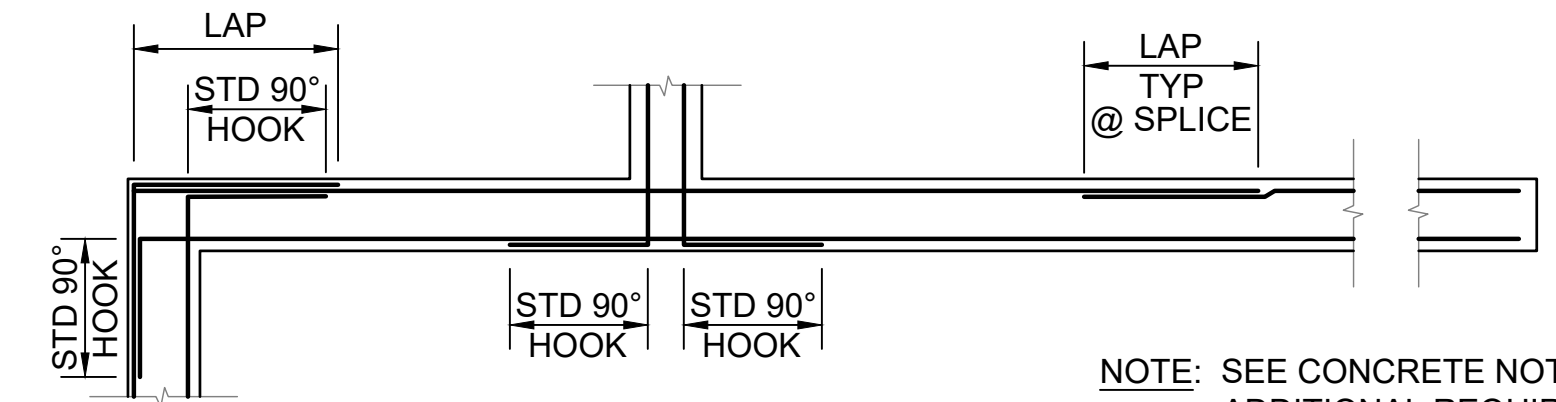
F'c = 3500 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	18	35	43	52	75	86	97	109	121
	OTHER	14	27	33	40	58	66	75	84	93
F'c = 4000 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	17	32	40	48	70	80	91	102	113
	OTHER	13	25	31	37	54	62	70	79	87

(ALL LENGTHS SHOWN ARE IN INCHES) ACI 318 2009 IBC 2016 CBC

- SCHEDULE APPLIES TO NORMAL WEIGHT CONCRETE WITH UNCOATED, GRADE 60 REINFORCING BARS FOR #4 BARS AND LARGER (VALUES FOR #3 BARS BASED ON GRADE 40).
- TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT LOCATED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.
- WHEN LIGHTWEIGHT CONCRETE IS USED, MULTIPLY LAP LENGTHS BY 1.30.
- WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR DIA. OR WHERE CLEAR COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIA., MULTIPLY LAP LENGTHS BY 1.50, UNO.
- WHERE NOTES #3 AND #4 OCCUR, MULTIPLY LAP LENGTHS BY 2.00, UNO.
- WHERE CLASS A LAP SPLICE IS NOTED IN DETAIL, DIVIDE LENGTH ABOVE BY 1.30.

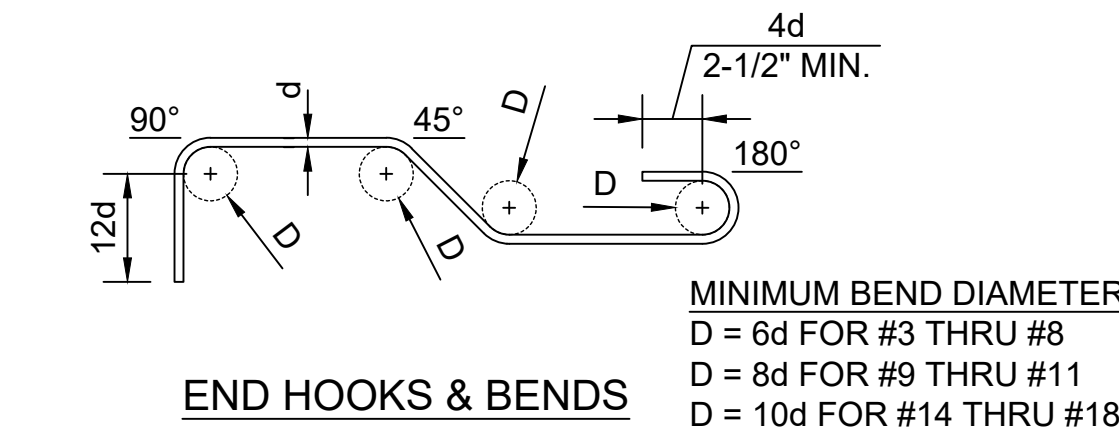


SINGLE LAYER BARS



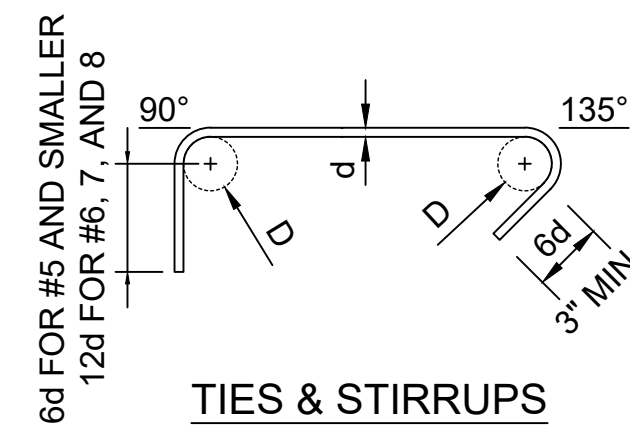
DOUBLE LAYER BARS

1 CORNER REINFORCING AT CONCRETE FOOTINGS
SCALE@22X34 3/8" = 1'-0"



END HOOKS & BENDS

MINIMUM BEND DIAMETER:
D = 6d FOR #3 THRU #8
D = 8d FOR #9 THRU #11
D = 10d FOR #14 THRU #18



TIES & STIRRUPS

NOTE:
ALL HOOKS SHALL BE 90° OR 180° STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED.
MINIMUM BEND DIAMETER:
D = 4d FOR #3 THRU #5
D = 6d FOR #6 THRU #8

2 STANDARD REBAR HOOKS & BENDS
SCALE@22X34 1 1/2" = 1'-0"

ABBREVIATIONS

'	FEET	Ø, D OR DIA	DIAMETER	H	HEIGHT	RC	RELATIVE COMPACTION
" OR IN	INCHES	D	DEPTH	HDG	HOT DIP GALVANIZE	RSP	ROCK SLOPE PROTECTION
&	AND	DBH	DIAMETER AT BREAST HEIGHT	HMA	HOT MIX ASPHALT	S	SOUTH
#	NUMBER OR POUNDS	DI	DRAINAGE INLET, DROP INLET	HOR	HORIZONTAL	S=	SLOPE
(E)	EXISTING	DIAG	DIAGONAL	HW	HEAD WALL	SCD	SEAT COVER DISPENSER
(N)	NEW	DIM	DIMENSION	ID	INSIDE DIAMETER	SCH	SCHEDULE
@	AT	DG	DECOMPOSED GRANITE	IE	INVERT ELEVATION	SCO	SANITARY CLEAN OUT
AB	AGGREGATE BASE	DTL	DETAIL	L	LENGTH	SD	SOAP DISPENSOR
AC	ASPHALTIC CONCRETE	DWG	DRAWING	LAV	LAVATORY	SF	SQUARE FEET
ADA	AMERICAN DISABILITIES ACT	E	EAST	LF	LINEAR FEET	SND	SANITARY NAPKIN DISPOSAL
ADJ	ADJUSTABLE	EA	EACH	LS	LANDSCAPE	SPEC'S	SPECIFICATIONS
AFF	ABOVE FINISH FLOOR	EF	EACH FACE	LVR	LOUVER	SQ	SQUARE
APPROX	APPROXIMATE	EG	EXISTING GRADE ELEVATION	MAX	MAXIMUM	SS	STAINLESS STEEL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	ELV	ELEVATION	MFR	MANUFACTURER	STA	STATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	EOG	EDGE OF GUTTER	MIN	MINIMUM	STD	STANDARD
AWS	AMERICAN WELDING SOCIETY	EP	EDGE OF PAVEMENT	MISC	MISCELLANEOUS	TC	TOP OF CURB ELEVATION
BC	BOTTOM OF CURB ELEVATION	EQ	EQUAL	N	NORTH	TD	TRENCH DRAIN
BLDG	BUILDING	(E)P	EXISTING PAVEMENT ELEVATION	N/A	NOT APPLICABLE	TPD	TOILET PAPER DISPENSER
B.O.	BOTTOM OF	(E)S	EXISTING STAIR ELEVATION	NPT	NATIONAL PIPE TAPER	T.O.	TOP OF
BW	BOTTOM OF WALL ELEVATION	(E)TC	EXISTING TOP OF CURB ELEVATION	NTS	NOT TO SCALE	TW	TOP OF WALL ELEVATION
CL	CENTERLINE	EV	ELECTRONIC VEHICLE	NW	NORMAL WEIGHT	TYP	TYPICAL
C	CONCRETE ELEVATION	EW	EACH WAY	OC	ON CENTER	UL	UNLIMITED
CBC	CALIFORNIA BUILDING CODE	EXP	EXPANSION	OD	OUTSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE
CIP	CAST-IN-PLACE	FF	FINISH FLOOR ELEVATION	P	PAVEMENT ELEVATION	UTIL	UTILITY
CLR	CLEAR	FG	FINISH GRADE	PCC	PORTLAND CEMENT CONCRETE	VIF	VERIFY IN FIELD
CO	CLEAN OUT	FL	FLOW LINE	PT	POINT	W	WATER, WEST, WIDTH
CONC	CONCRETE	FOF	FACE OF FINISH	PTD	PAPER TOWER DISPENSER	WWF	WELDED WIRE FABRIC
CONT	CONTINUOUS	GALV	GALVANIZED	PVC	POLYVINYL CHLORIDE	W/	WITH
CP	CONTROL POINT	GB	GRADE BREAK	R	RADIUS		



FACILITIES AND DEVELOPMENT DIVISION



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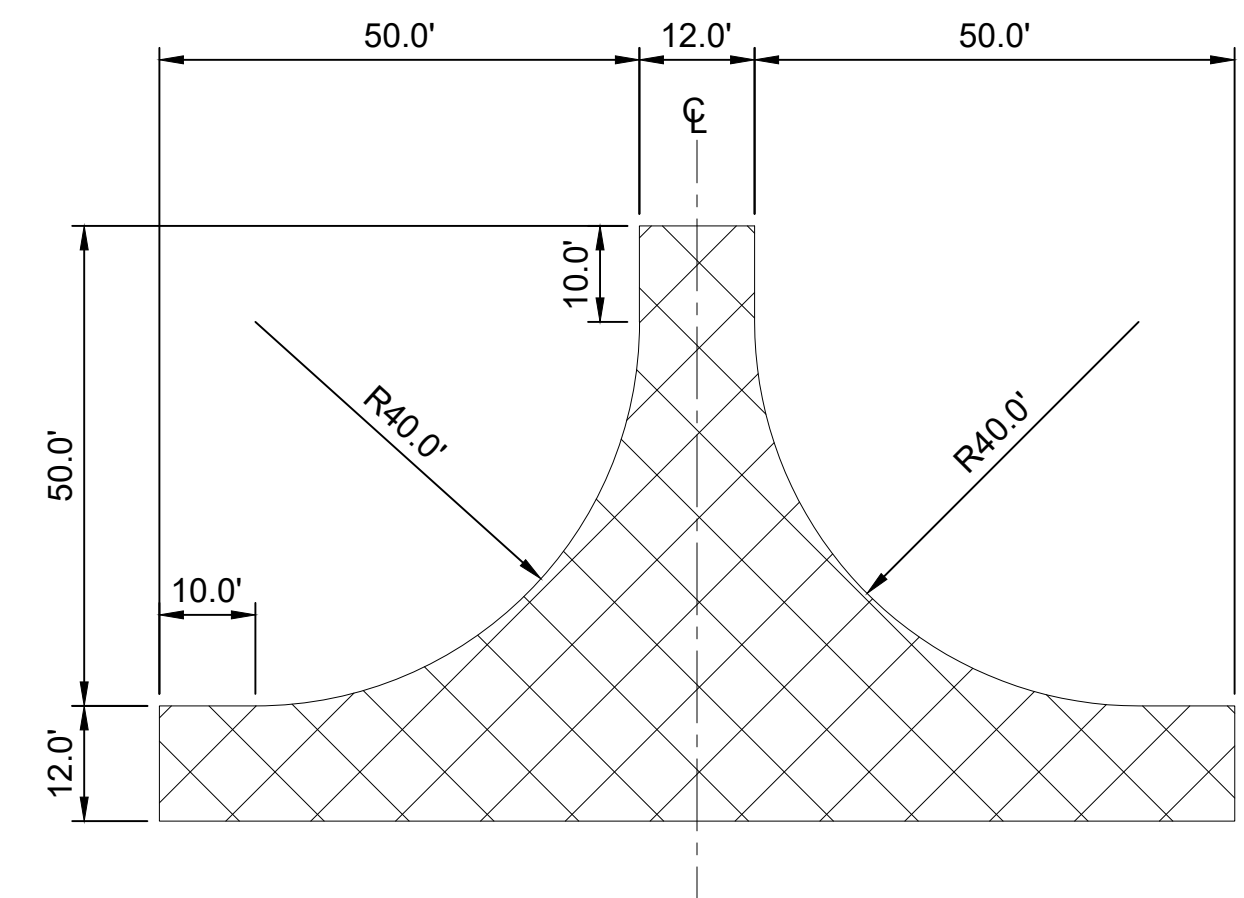
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ANO NUEVO STATE PARK
VAULT RESTROOM PLACEMENT
GENERAL NOTES & ABBREVIATIONS

206279.002

SHEET NO.
G-2
002 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\G-3_LOCATION KEY.dwg Layout: Ano Nuevo_Overall SP Date: October 30 2023 - 3:27 pm User: ile



**T TURNAROUND
DIMENSIONS**



FACILITIES AND DEVELOPMENT DIVISION



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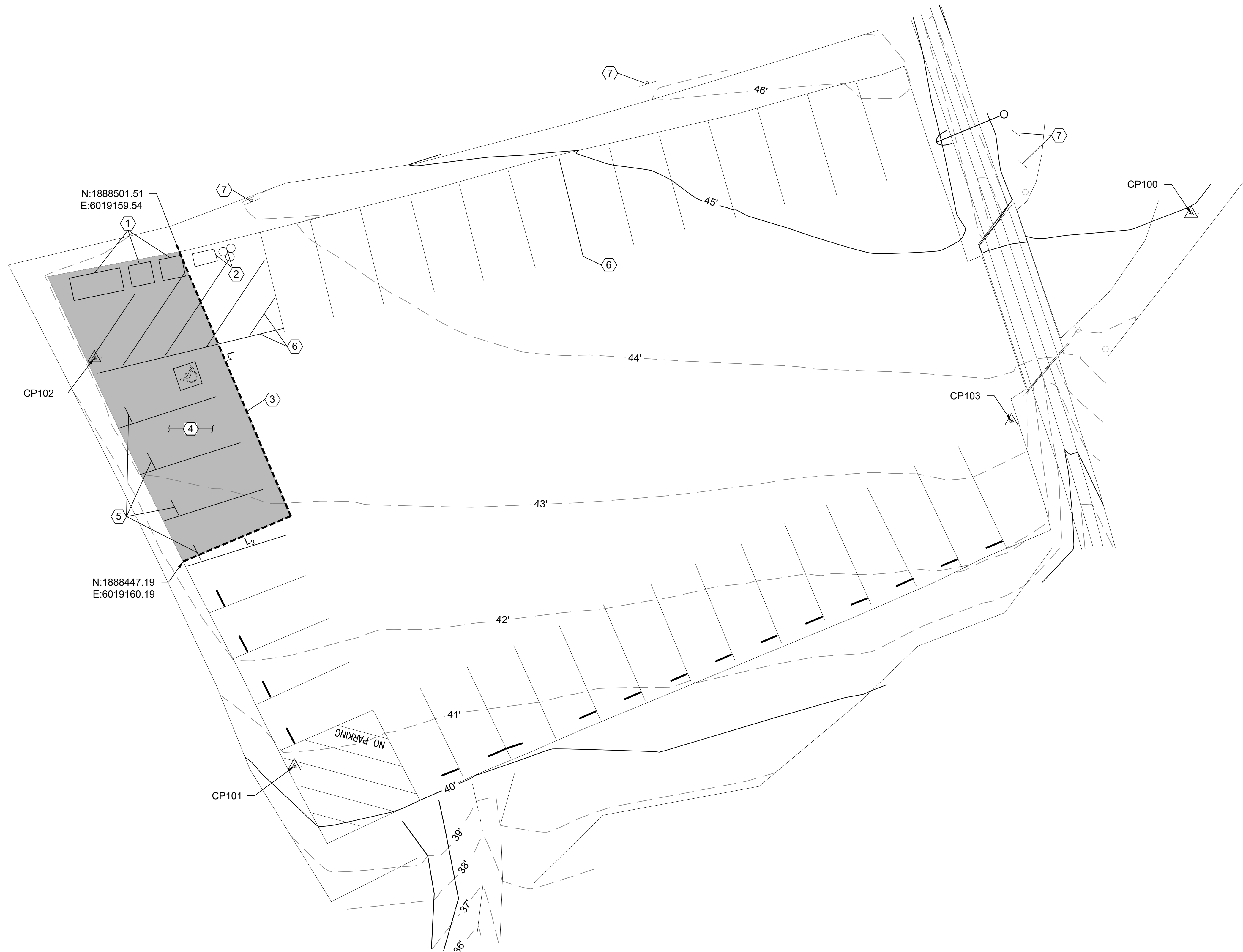
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ANO NUEVO STATE PARK
VAULT RESTROOM REPLACEMENT
OVER ALL SITE PLAN

206279.003

SHEET NO.
G-3
003 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-20 EXISTING & DEMO PLAN - ANO NUEVO GAZOS SP.dwg Layout: C-20 Existing Condition & Demo Plan - Ano Nuevo Gazos SP Date: October 30 2023 - 1:26 pm Use \$++



DEMOLITION CONSTRUCTION NOTES

- ① REMOVE AND SALVAGE (E) CHEM TOILET
- ② SALVAGE (E) TRASH, RECYCLE CONTAINERS AND RELOCATE PER NOTE 14 ON C-23
- ③ SAWCUT ASPHALT, LIMITS PER PLAN
- ④ REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ⑤ REMOVE & DISPOSE (E) WHEEL STOPS, LIMIT PER PLAN
- ⑥ OBLITERATE ALL (E) STRIPING AND PAVEMENT MARKINGS, LIMIT PER PLAN
- ⑦ (E) SIGN TO REMAIN

LEGEND

- ASPHALT DEMOLITION
- (E) STRIPING
- SAWCUT
- SURVEY CONTROL POINT

SAWCUT LINE TABLE

LINE	LENGTH	BEARING
L ₁	50.30'	S22°51'07"E
L ₂	20.48'	S67°08'53"W

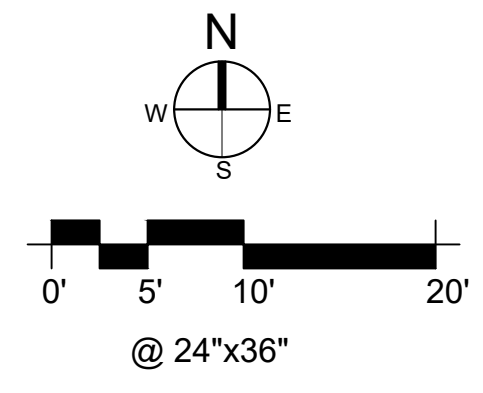
SURVEY CONTROL POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1888508.19'	6019336.92'	44.95'	SET SPIKE SHINER
CP101	1888411.31'	6019179.69'	40.86'	SET MAG NAIL SHINER
CP102	1888482.88'	6019144.64'	43.30'	SET MAG NAIL SHINER
CP103	1888471.79'	6019305.41'	43.52'	SET MAG NAIL SHINER

GENERAL NOTES:

- 1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE

UNDERGROUND SERVICE ALERT



FACILITIES AND DEVELOPMENT DIVISION



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ANO NUEVO STATE PARK
 VAULT RESTROOM PLACEMENT
EXISTING CONDITION & DEMO PLAN

206279.023

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C-20
023 OF 038



FACILITIES AND DEVELOPMENT DIVISION



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ANO NUEVO STATE PARK
 VAULT RESTROOM PLACEMENT
PAVING, HORIZONTAL CONTROL & GRADING PLAN

206279.024

SHEET NO.
C-21
024 OF 038

CONSTRUCTION NOTES

- INSTALL A DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON C-34, REFER TO DTL 40 ON C-27
- CONSTRUCT 6" CONC CURB PER DTL 3 ON C-29, REFER TO DTL 39, 40 ON C-27
- CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-29, REFER TO DTL 39, 41 ON C-27, 1.5% MAX SLOPE ANY DIRECTION
- CONSTRUCT 5" PCC ON 12" CLASS 2 AB CONC SIDEWALK PER DTL 2 ON C-29, REFER TO DTL 39, 40 ON C-27, LANDING 1.5% MAX SLOPE ANY DIRECTION
- CONSTRUCT CIP CONC CURB RAMP PER DTL 7 ON C-29 & REFER TO DTL 39 ON C-27, SLOPE LIMIT PER PLAN
- INSTALL 3'Dx5'W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-28 & REFER TO DTL 39 ON C-27
- INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN PER DTL 5 ON C-29, REFER TO DTL 39, 41 ON C-27
- INSTALL VAN ACCESSIBLE PARKING STALL PER DTL 1 ON C-28
- INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-28
- INSTALL WHEEL STOP PER DTL 9 ON C-28
- CONSTRUCT 4" WIDE WHITE STRIPE PARKING
- CONSTRUCT 4" WIDE WHITE STRIPE, 3-FT O.C.
- CONSTRUCT 12" HEIGHT WHITE "NO PARKING"
- REUSE EXISTING TRASH & RECYCLE CONTAINER

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) CONCRETE CURB
- (N) TRUNCATED DOME
- CUT/FILL SOIL
- STRIPING
- SURVEY CONTROL POINT
- ACCESSIBLE PATH OF TRAVEL

LINE TABLE					
LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L ₁	52.53'	N07°26'27"W	L ₈	17.92'	N67°08'53"E
L ₂	18.00'	S67°08'53"W	L ₉	39.33'	S22°51'07"E
L ₃	17.00'	N22°51'07"W	L ₁₀	13.69'	S76°22'04"W
L ₄	13.00'	N67°08'53"E	L ₁₁	18.28'	N22°51'07"W
L ₅	8.00'	N22°51'07"W	L ₁₂	16.61'	N76°30'06"E
L ₆	12.92'	S67°08'53"W	L ₁₃	18.00'	S13°37'56"E
L ₇	14.33'	N22°51'07"W			

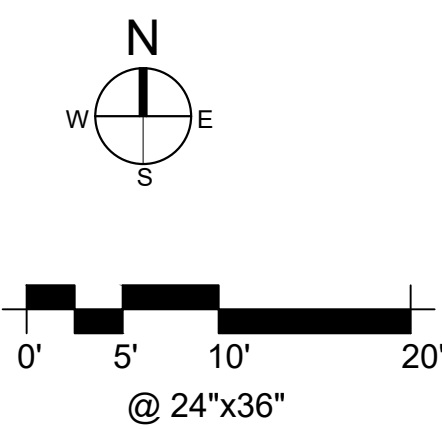
GENERAL NOTES:

- PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

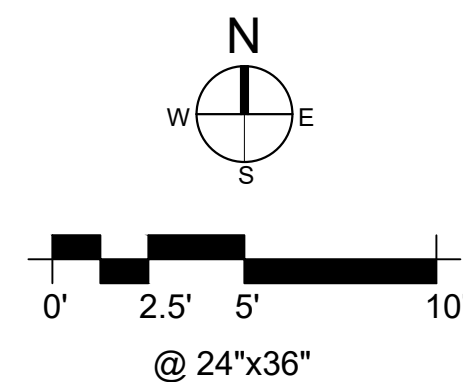
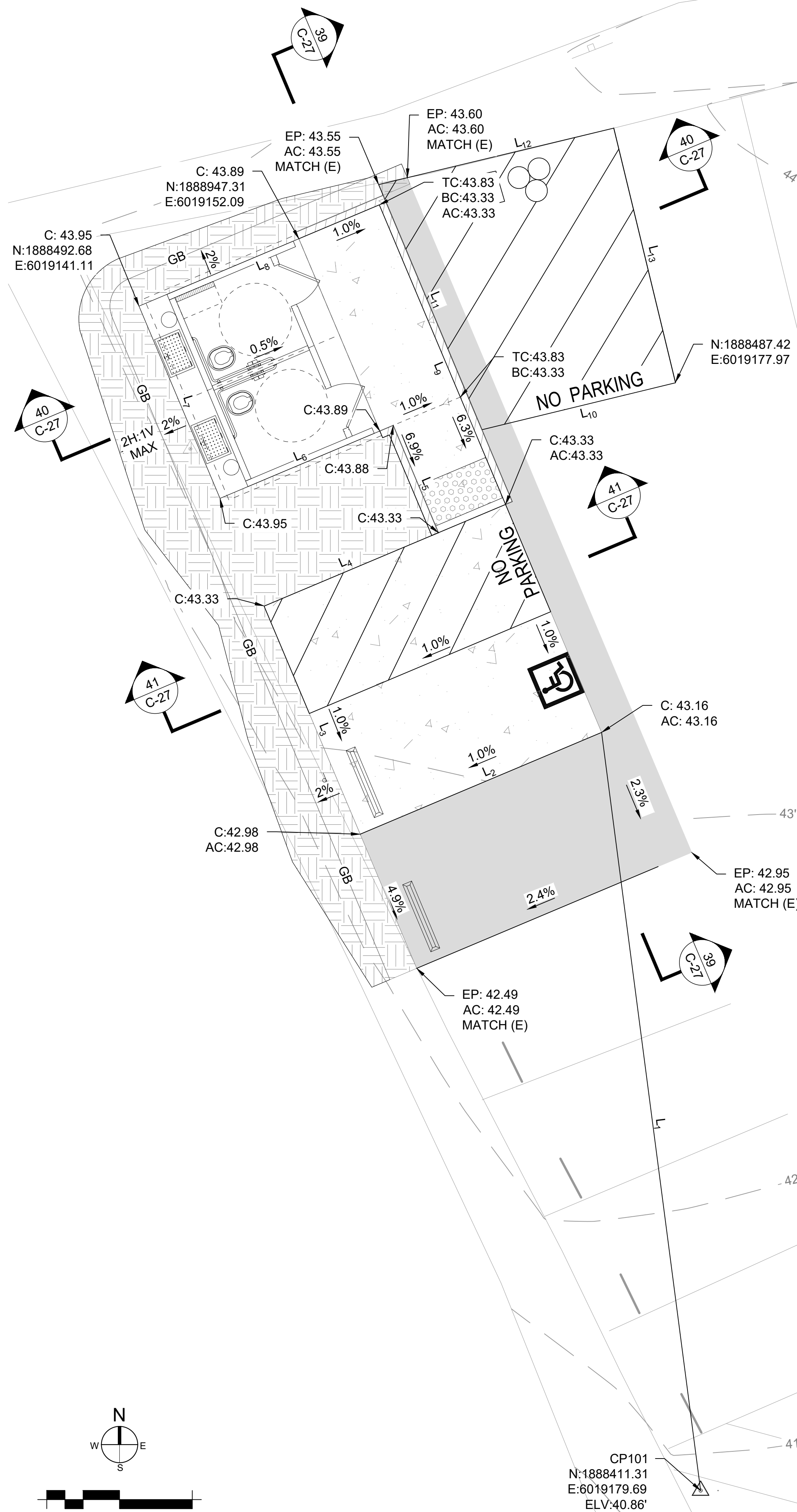
UNDERGROUND SERVICE ALERT



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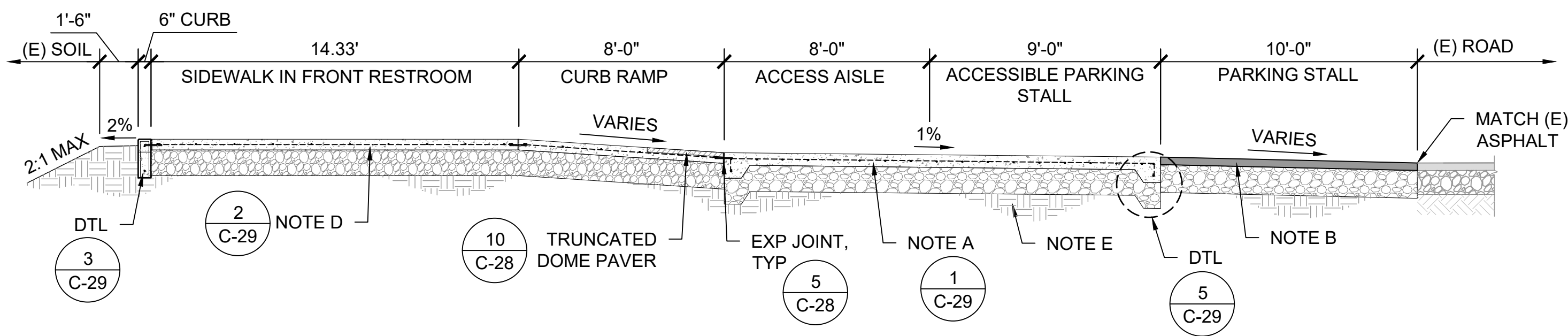
SITE PLAN



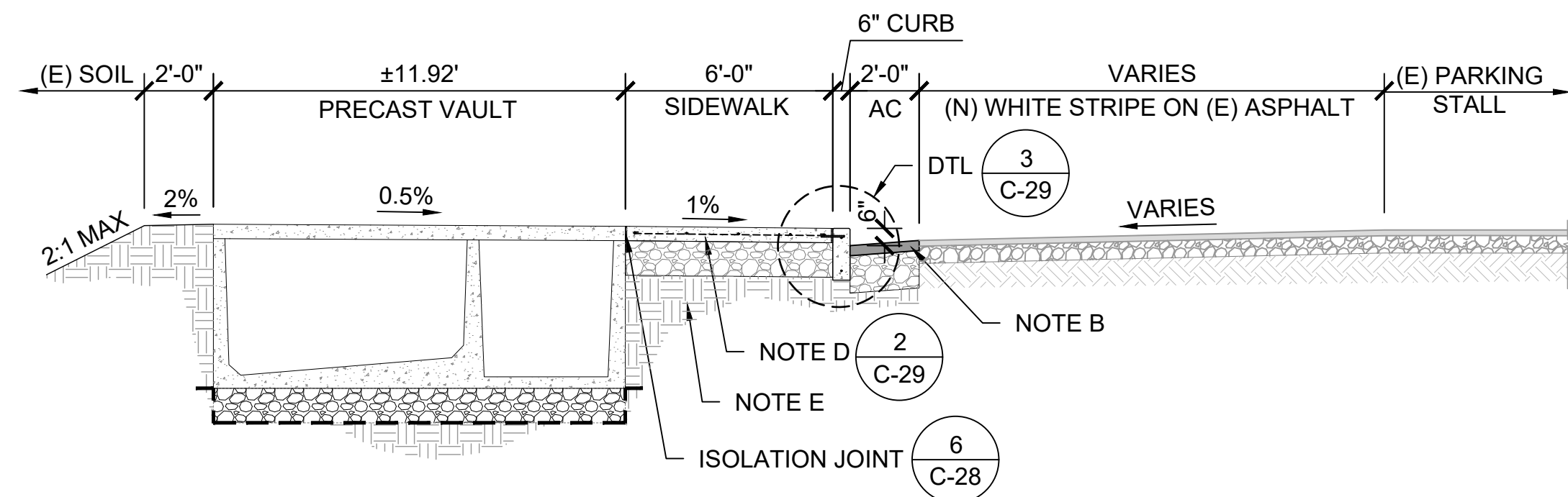
GRADING & HORIZONTAL CONTROL PLAN



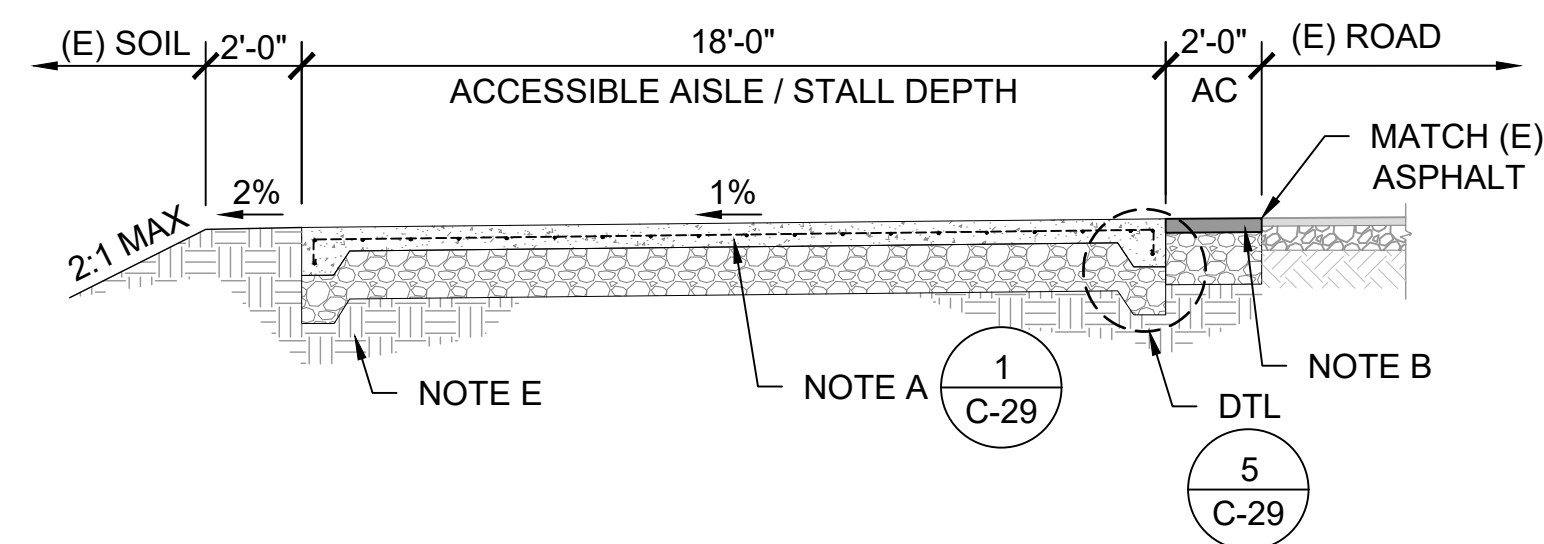
FACILITIES AND DEVELOPMENT DIVISION



39 GRADING & PAVING SECTION - ANO NUEVO SP
SCALE@22X34 1/4" = 1'-0"



40 GRADING & PAVING SECTION - ANO NUEVO SP
SCALE@22X34 1/4" = 1'-0"



41 GRADING & PAVING SECTION - ANO NUEVO SP
SCALE@22X34 1/4" = 1'-0"

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- D. 5" PCC ON CLASS 2 AB, PER GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-29, REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-29.
- F. 6" AGGREGATE PAVING ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
- G. GRADING PER PLAN SHEET C-2 THROUGH C-21
- H. SOIL CONDITIONS VARY AT EACH SITE LOCATION, SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
- PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
- CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
- SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022 AND REVISED JANUARY 5, 2023



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ANO NUEVO STATE PARK
VAULT RESTROOM PLACEMENT
GRADING & PAVING SECTIONS 6

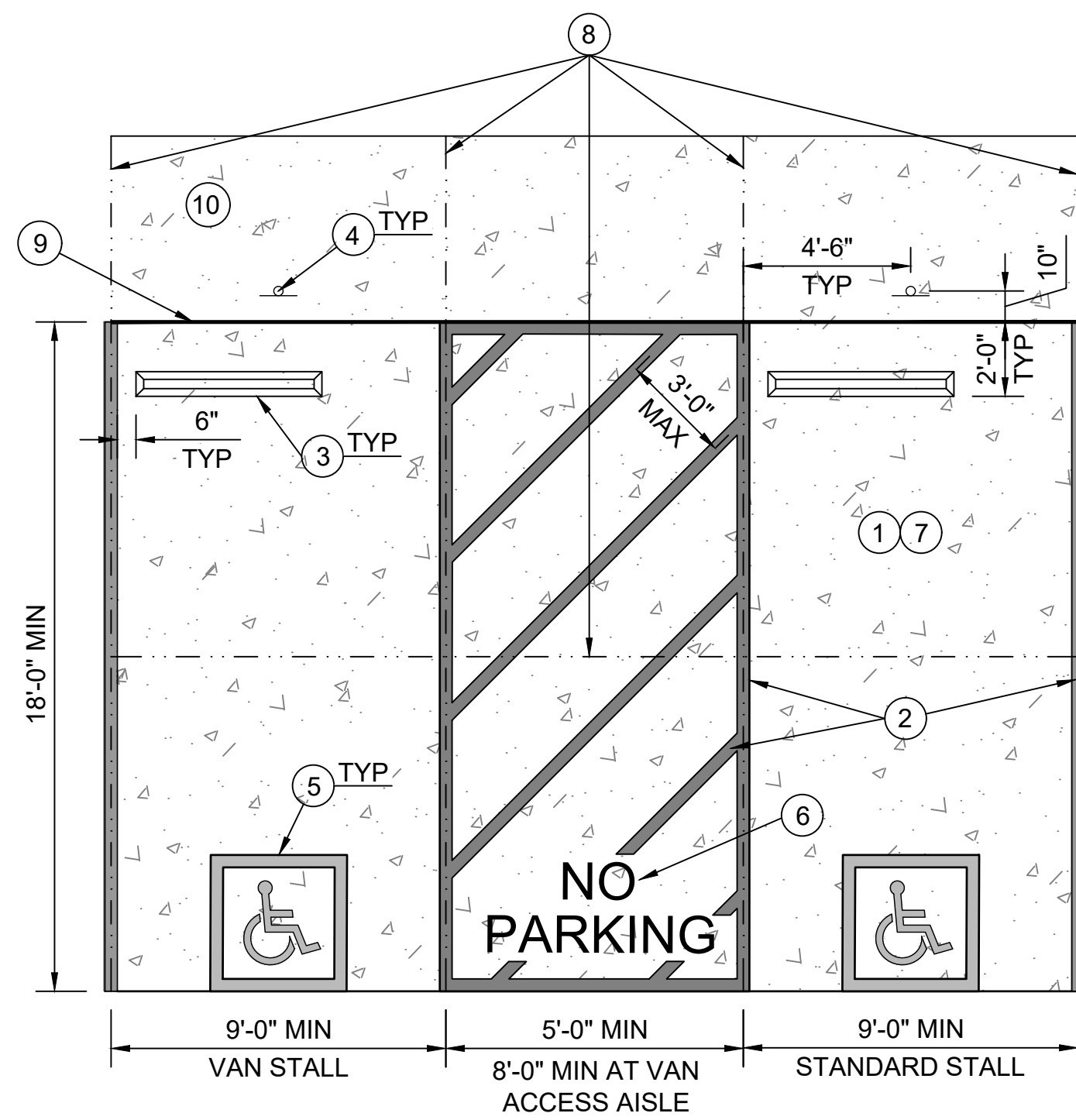
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SHEET NO.

C-27

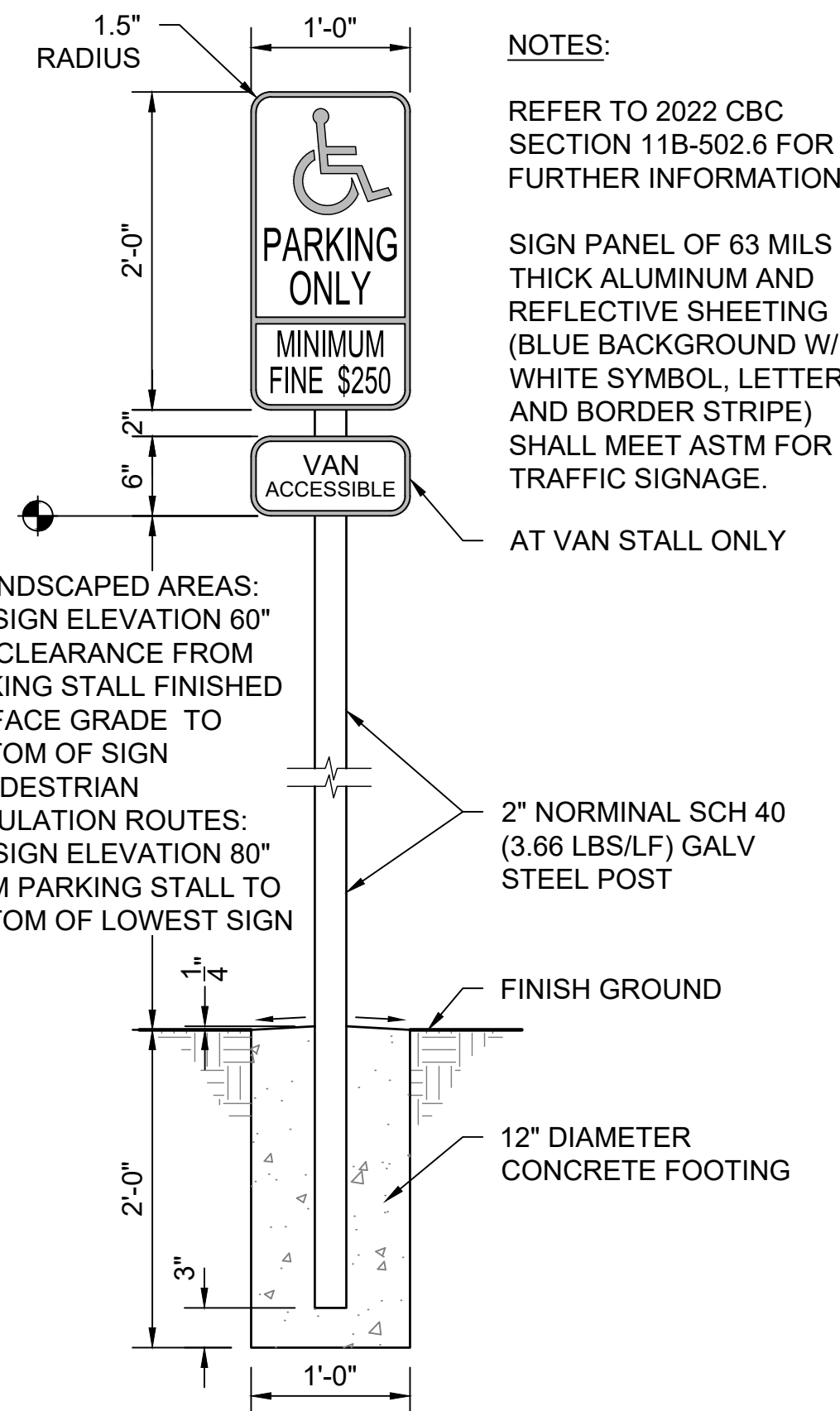
030 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_it_replacement\05_drawings\Civil\C-28 ACCESSIBLE PARKING & CONCRETE JOINT DETAILS.dwg Layout: C-28 ADA Parking & Conc Joint Dets_Ano Nuevo Gazos Date: October 30 2023 - 12:30 pm User: S(++)



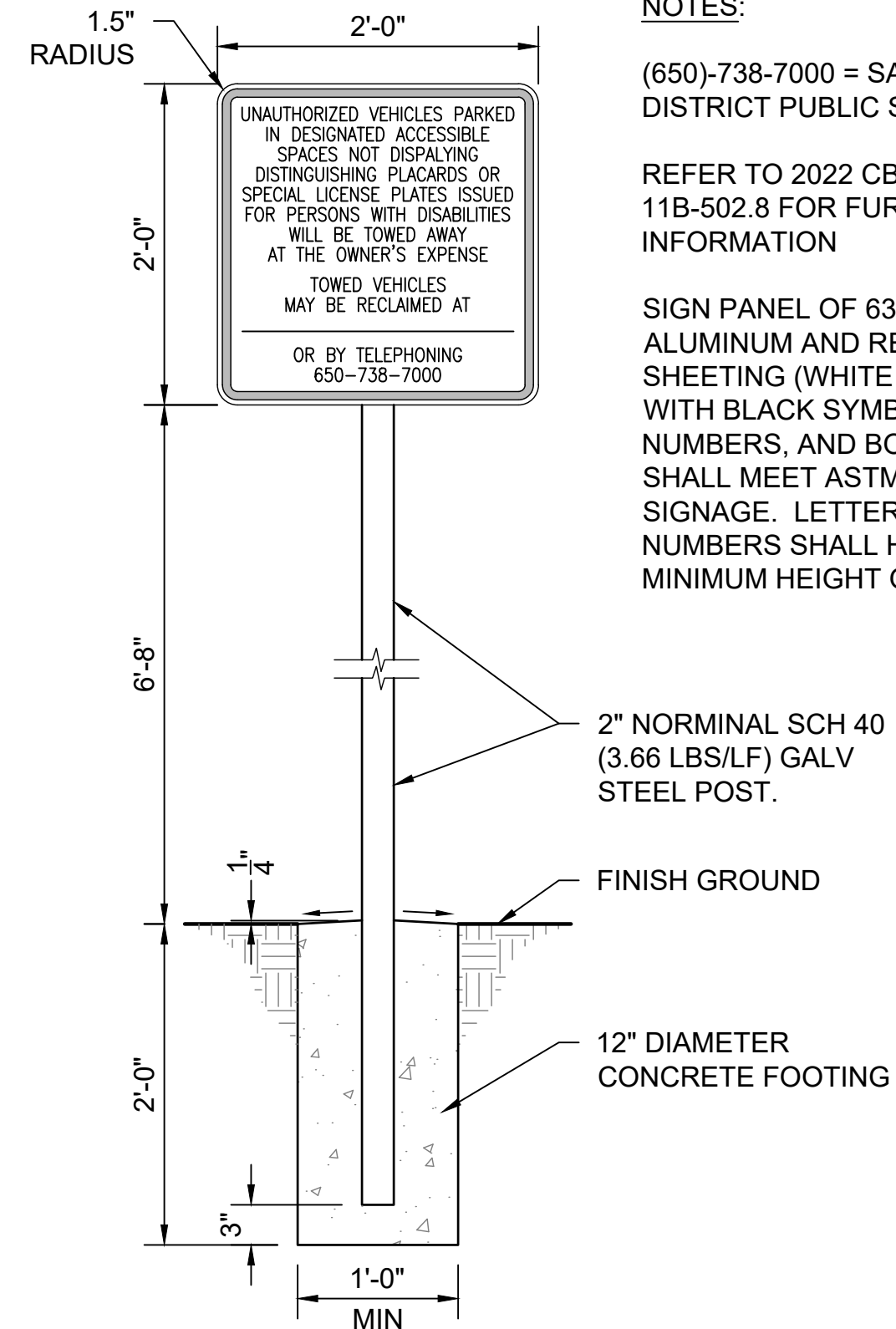
- NOTES:**
- PARKING PAD TO BE CIP CONC PER DETAIL 1 ON SHEET C-29
 - 4" WIDE PAINTED BLUE LINES, TYP 45 DEGREE LINES SHALL BE 36" MAX OC
 - INSTALL CONC WHEEL STOPS PER DETAIL 9 ON THIS SHEET
 - INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 2 ON THIS SHEET
 - INSTALL ACCESSIBLE SYMBOL PER DETAIL 4 ON THIS SHEET
 - "NO PARKING" TEXT SHALL BE PAINTED ON THE GROUND IN WHITE PAINT NO LESS THAN 12 INCHES PER CBC SECTION 11B.502.3.3 "MARKING"
 - ACCESSIBLE PARKING STALLS TO HAVE A MAX 1.8% SLOPE IN ANY DIRECTION, REFER TO 2022 CBC SECTION 11B-502 FOR FURTHER INFORMATION.
 - CONTRACTION JOINTS PLACED IN SAME LOCATION AS PARKING STALL JOINTS, AND PLACED AT MIDWAY OF STALL, PER DETAIL 7 ON THIS SHEET
 - EXPANSION JOINT PER DETAIL 5 ON THIS SHEET
 - SIDE WALK TO BE CIP CONC PER DETAIL 2 ON SHEET C-29

1 ACCESSIBLE PARKING STALLS - TYPICAL
SCALE@22X34 1/4" = 1'-0"



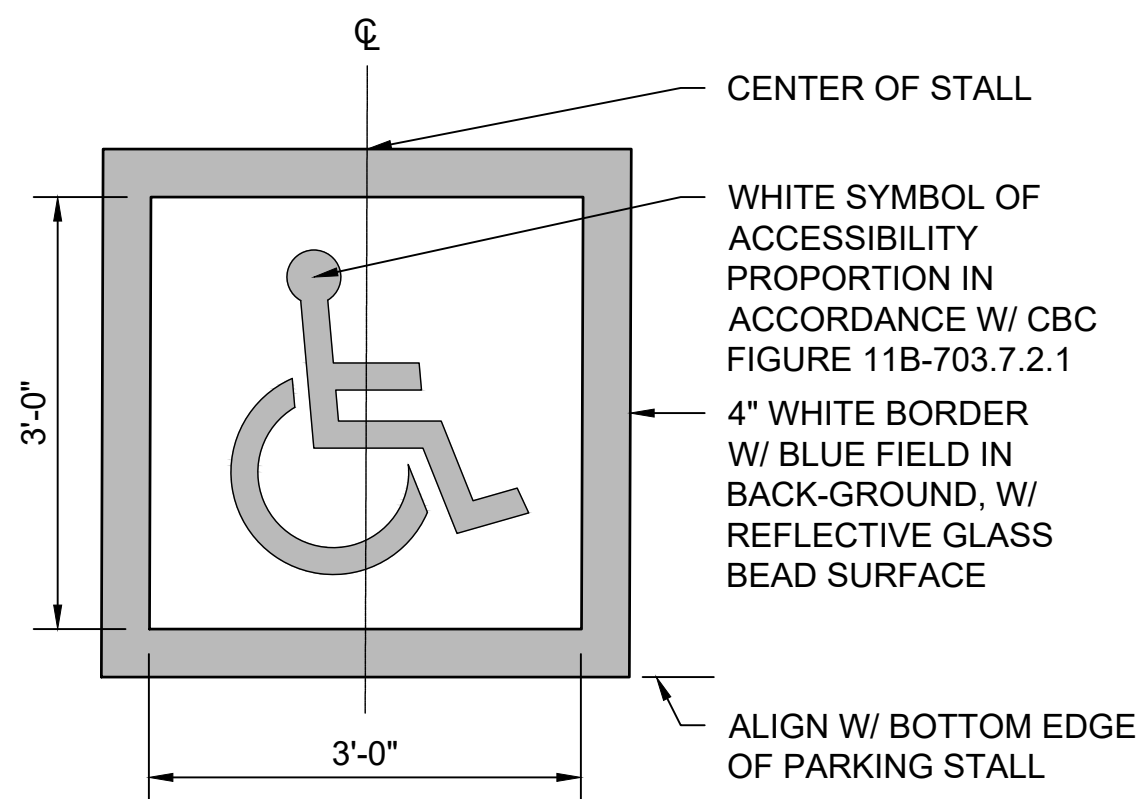
- NOTES:**
- REFER TO 2022 CBC SECTION 11B-502.6 FOR FURTHER INFORMATION
 - SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (BLUE BACKGROUND W/ WHITE SYMBOL, LETTERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE.
 - AT VAN STALL ONLY

2 ACCESSIBLE PARKING SIGN
SCALE@22X34 1" = 1'-0"

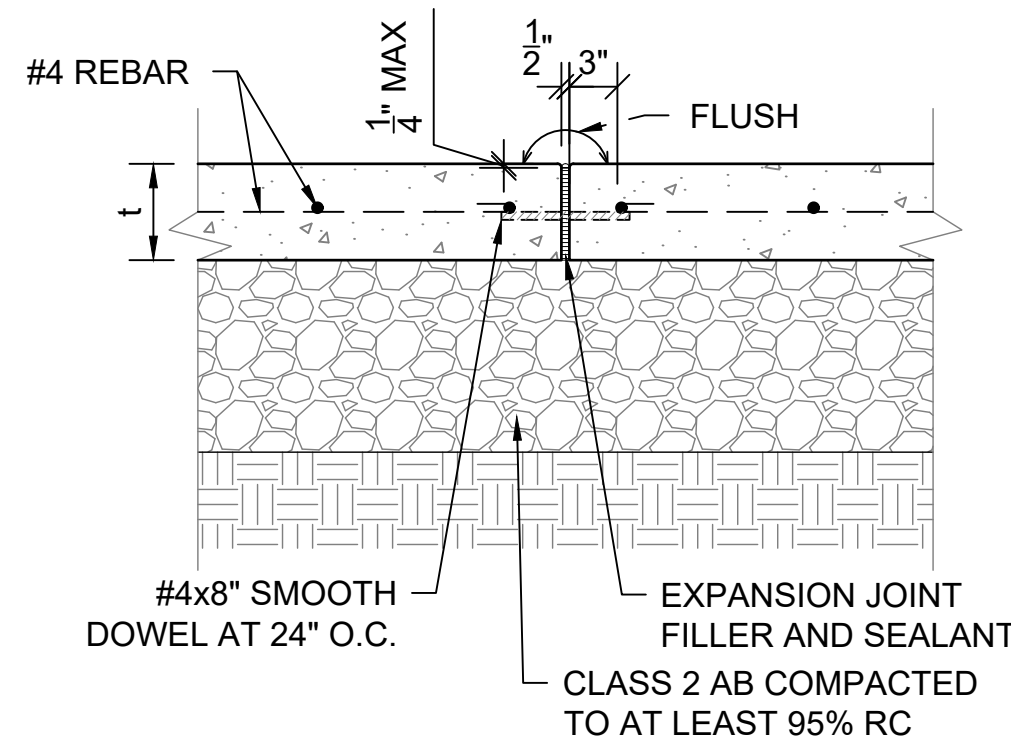


- NOTES:**
- (650)-738-7000 = SAN MATEO DISTRICT PUBLIC SAFETY OFFICE
 - REFER TO 2022 CBC SECTION 11B-502.8 FOR FURTHER INFORMATION
 - SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (WHITE BACKGROUND WITH BLACK SYMBOL, LETTERS, NUMBERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE. LETTERS AND NUMBERS SHALL HAVE A MINIMUM HEIGHT OF 1".

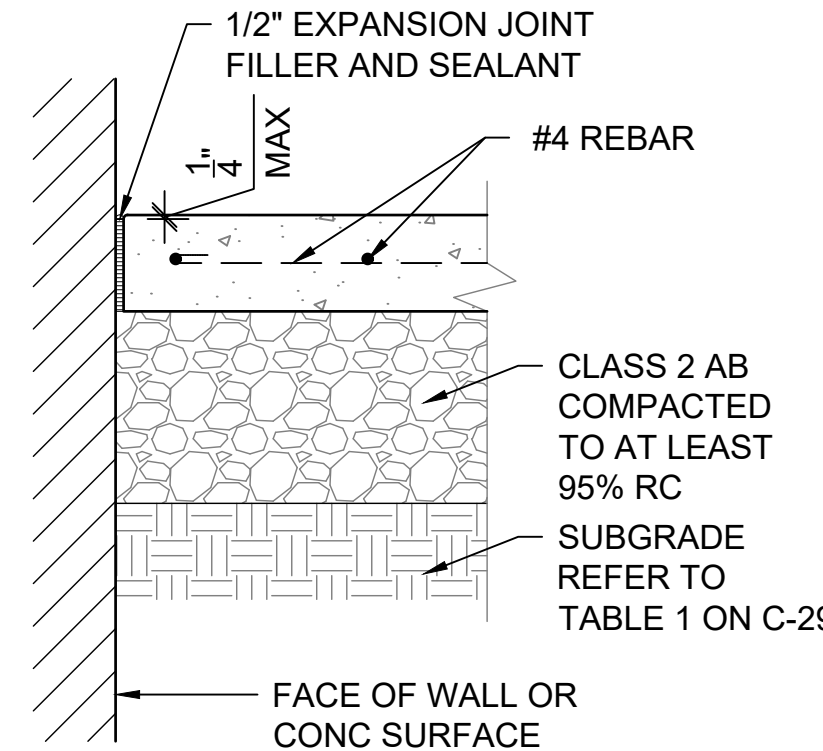
3 TOW-AWAY SIGN
SCALE@22X34 1" = 1'-0"



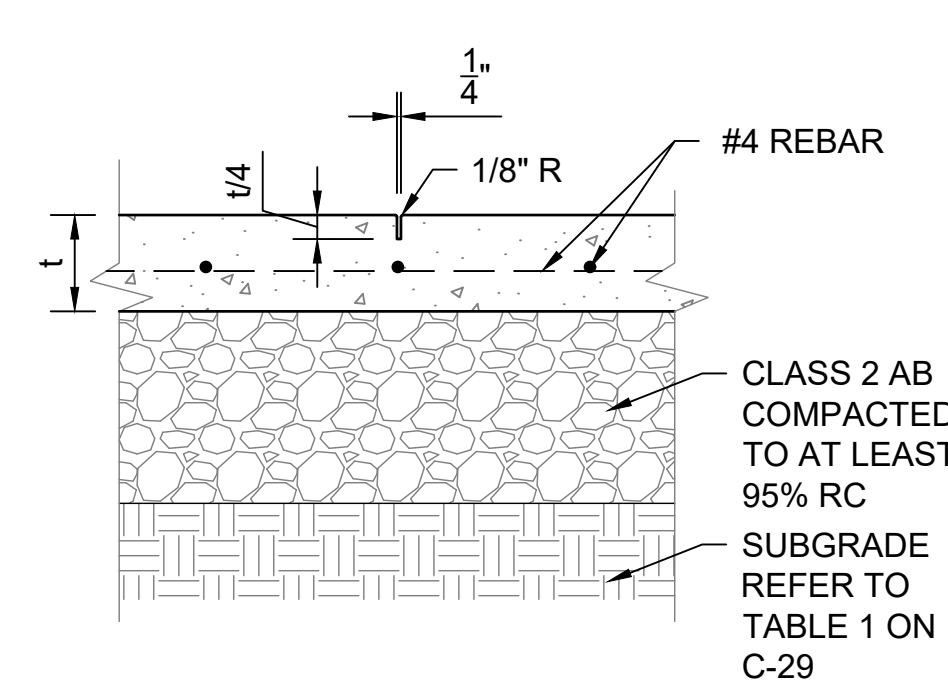
4 INTERNATIONAL SYMBOL OF ACCESSIBILITY
SCALE@22X34 3/4" = 1'-0"



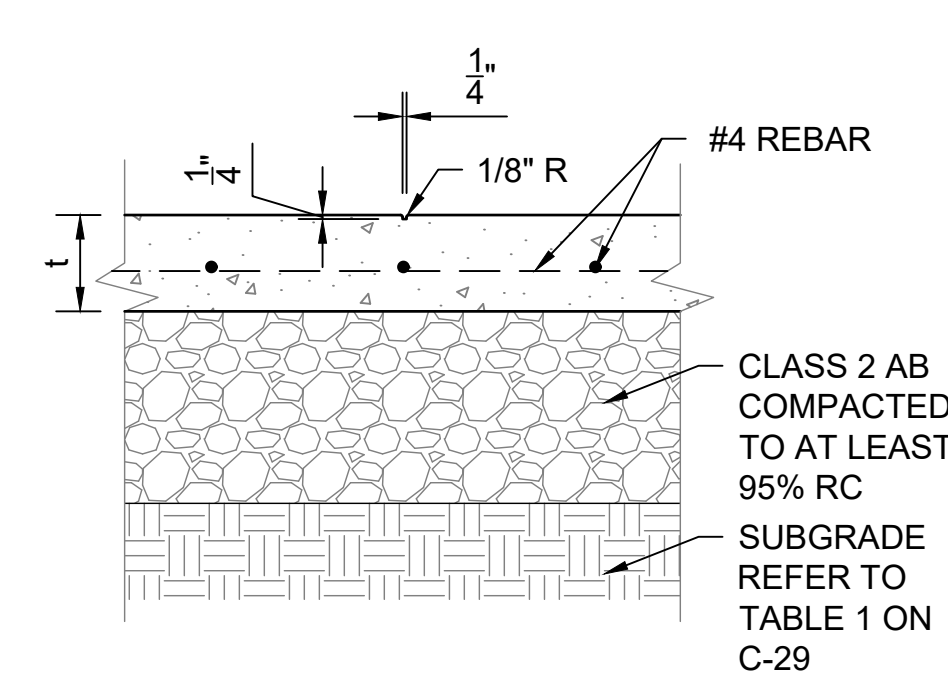
5 EXPANSION JOINT
SCALE@22X34 1" = 1'-0"



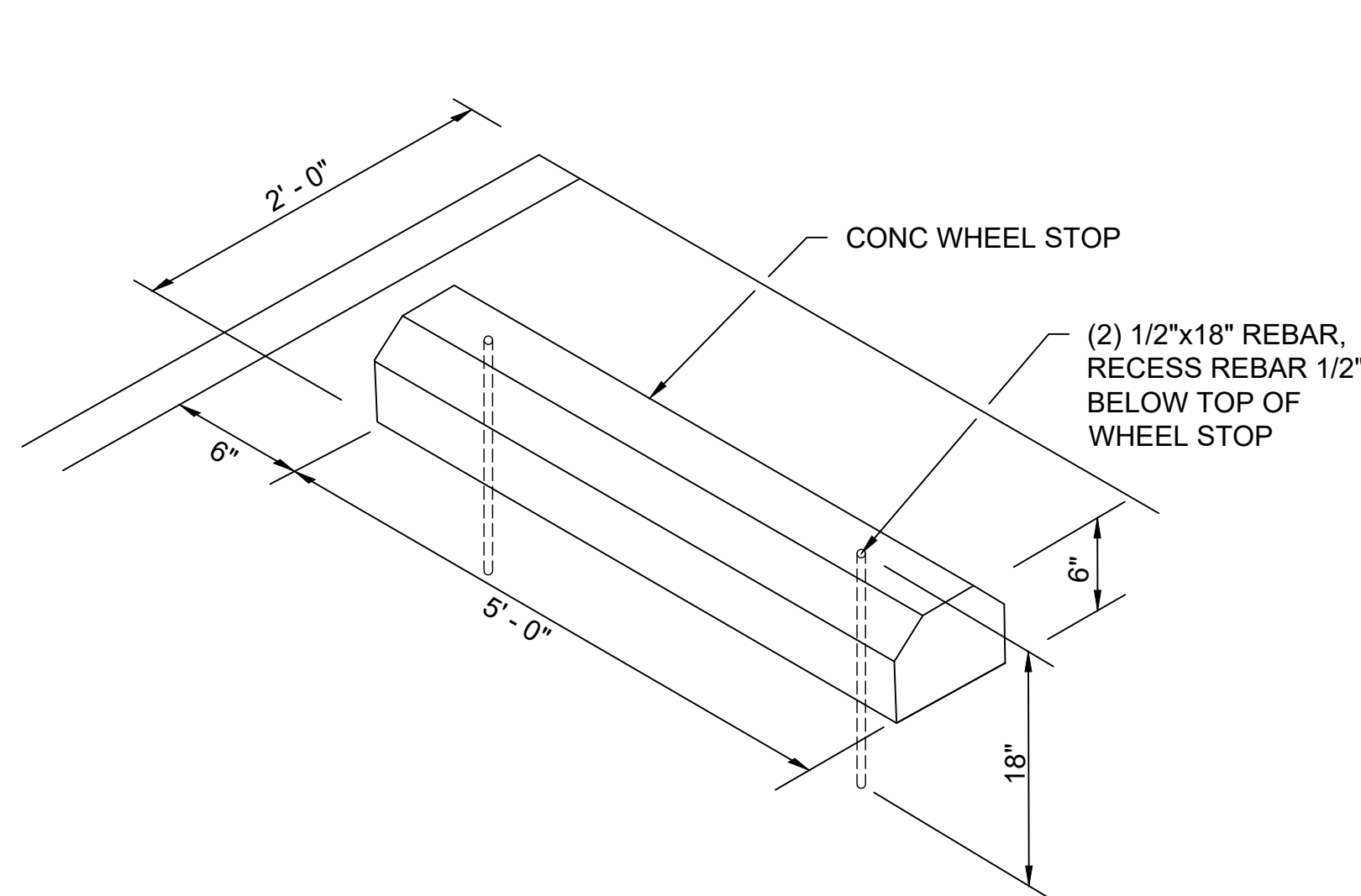
6 ISOLATION JOINT
SCALE@22X34 1" = 1'-0"



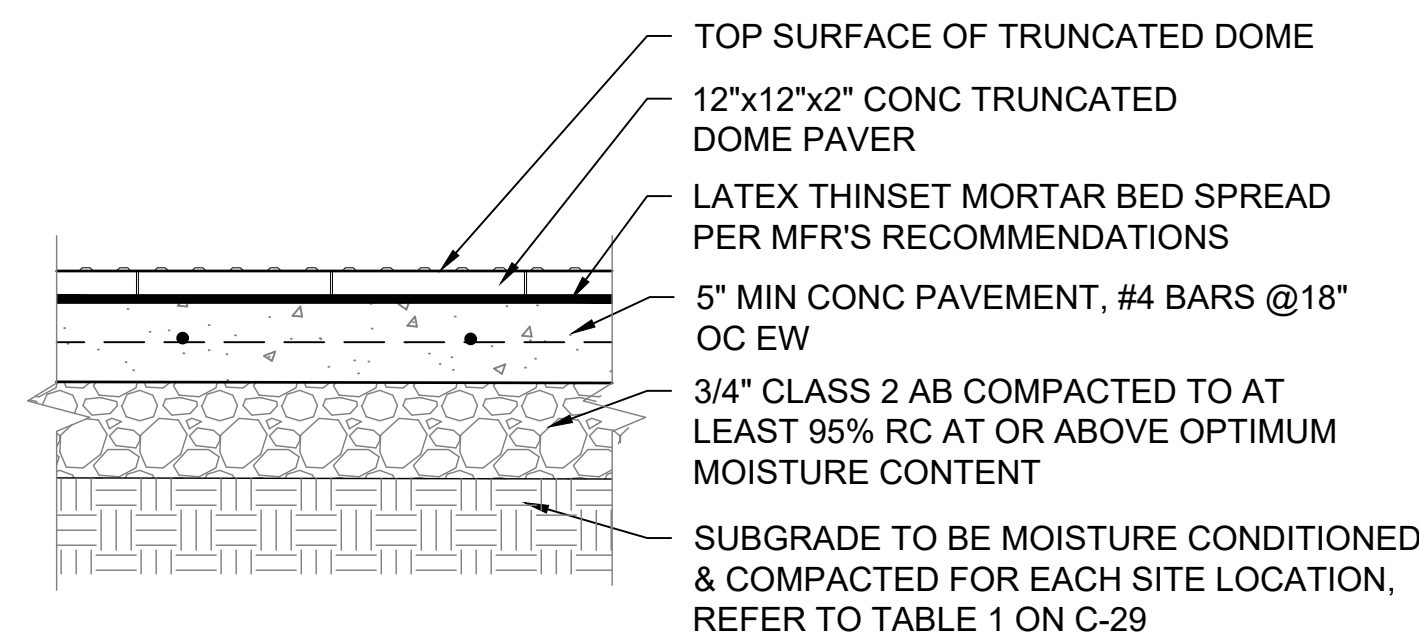
7 CONTRACTION JOINT
SCALE@22X34 1" = 1'-0"



8 SCORE JOINT
SCALE@22X34 1" = 1'-0"



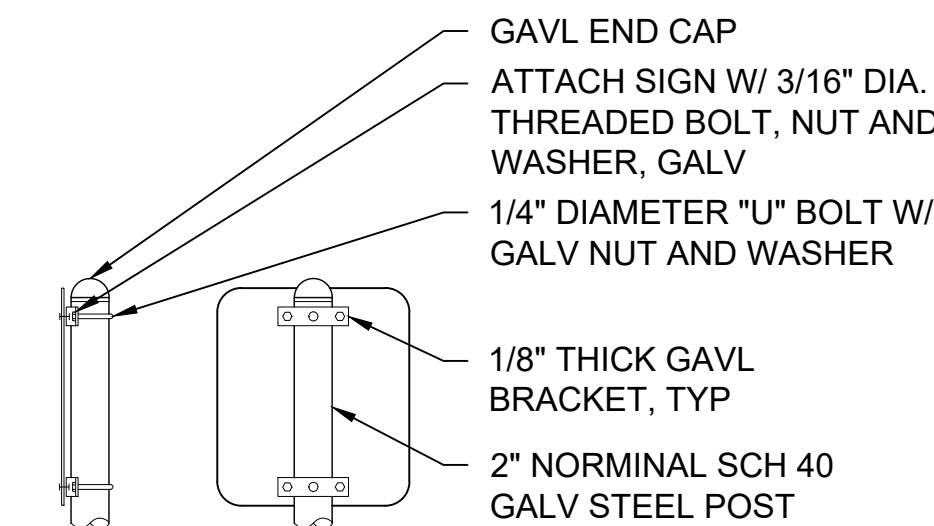
9 CONCRETE WHEEL STOP
SCALE@22X34 1" = 1'-0"



- NOTES:**
- CONC SLAB SHALL BE SLOPED TO PROVIDE COMPLETE SURFACE DRAINAGE.
 - SEE SPECIFICATION FOR CONC PAVING FINISH
 - SWEEP JOINTS WITH SAND OR GROUT
 - TRUNCATED DOME PAVER TO BE WAUSAU DOME TILE/ADA-50 OR EQUAL.
 - TRUNCATED DOME PAVER SHALL MEET FLUSH W/ ADJACENT FINISH SURFACE.
 - TRUNCATED DOME PAVER SHALL COMPLY W/ CBC 2022 SECTION 11B-705.1 THROUGH 705.1.1.3.2

10 TRUNCATED DOME PAVER
SCALE@22X34 1" = 1'-0"

- NOTES:**
- "VAN ACCESSIBLE" PARKING STALL SIGN SHALL BE INSTALLED AT LOCATION SHOWN ON DETAIL 1 THIS SHEET
 - CENTER SIGNS ON PARKING STALLS
 - VERIFY SIGN LOCATION PRIOR TO INSTALLATION WITH THE STATE REPRESENTATIVE
 - BORDER SYMBOLS AND LETTERING TO BE REFLECTIVE



SIDE VIEW BACK VIEW

11 SIGN INSTALLATION
SCALE@22X34 1" = 1'-0"



DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION

CERTIFICATION # _____

Reviewed by _____ Date _____

ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: _____ TL

DRAWN: _____ TL

CHECKED: _____ KR & MP

DATE: _____ OCTOBER 2023

REVISIONS	DATE

ANO NUEVO STATE PARK VAULT RESTROOM PLACEMENT

ACCESSIBLE PARKING & CONCRETE JOINT DETAILS

206279.031

SHEET NO. **C-28**

031 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

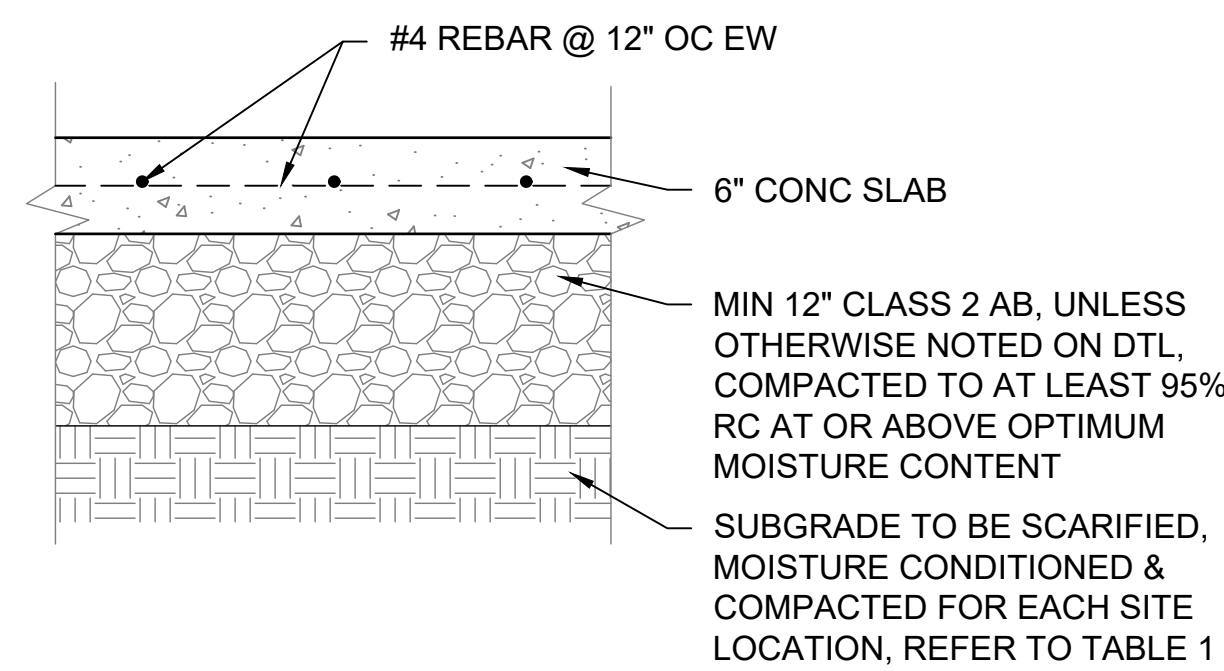
DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

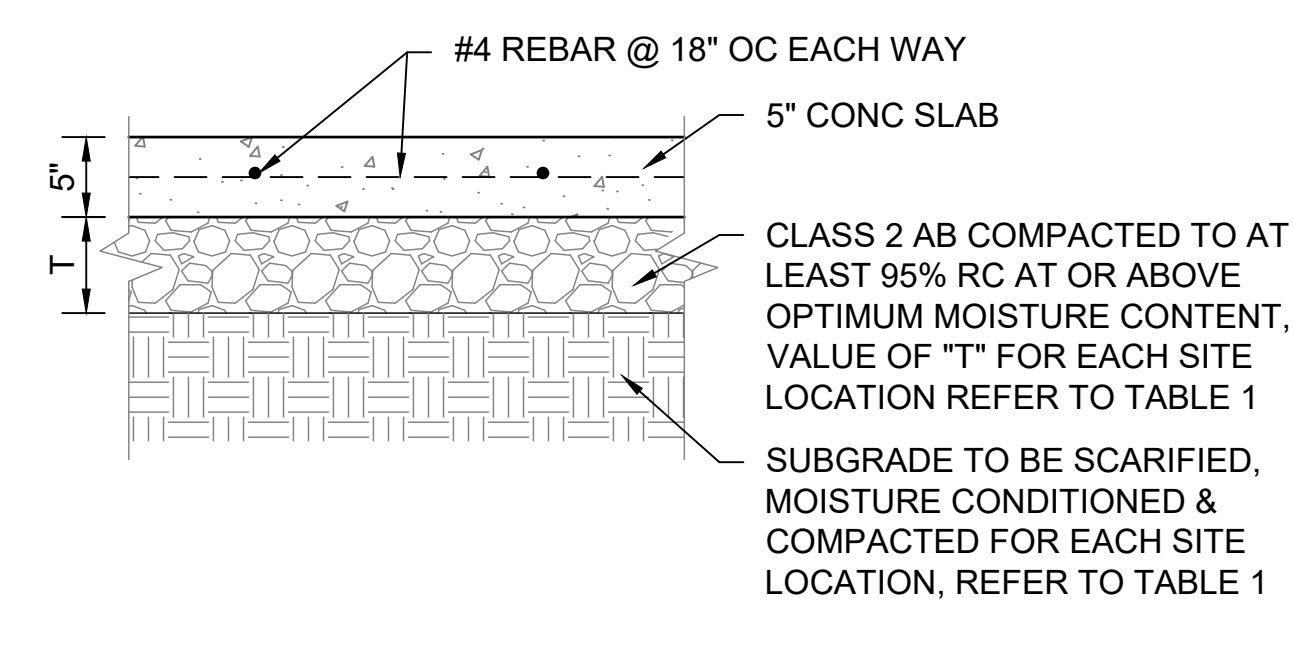
ANO NUEVO STATE PARK
VAULT RESTROOM PLACEMENT
SITE PAVING DETAILS

206279.032

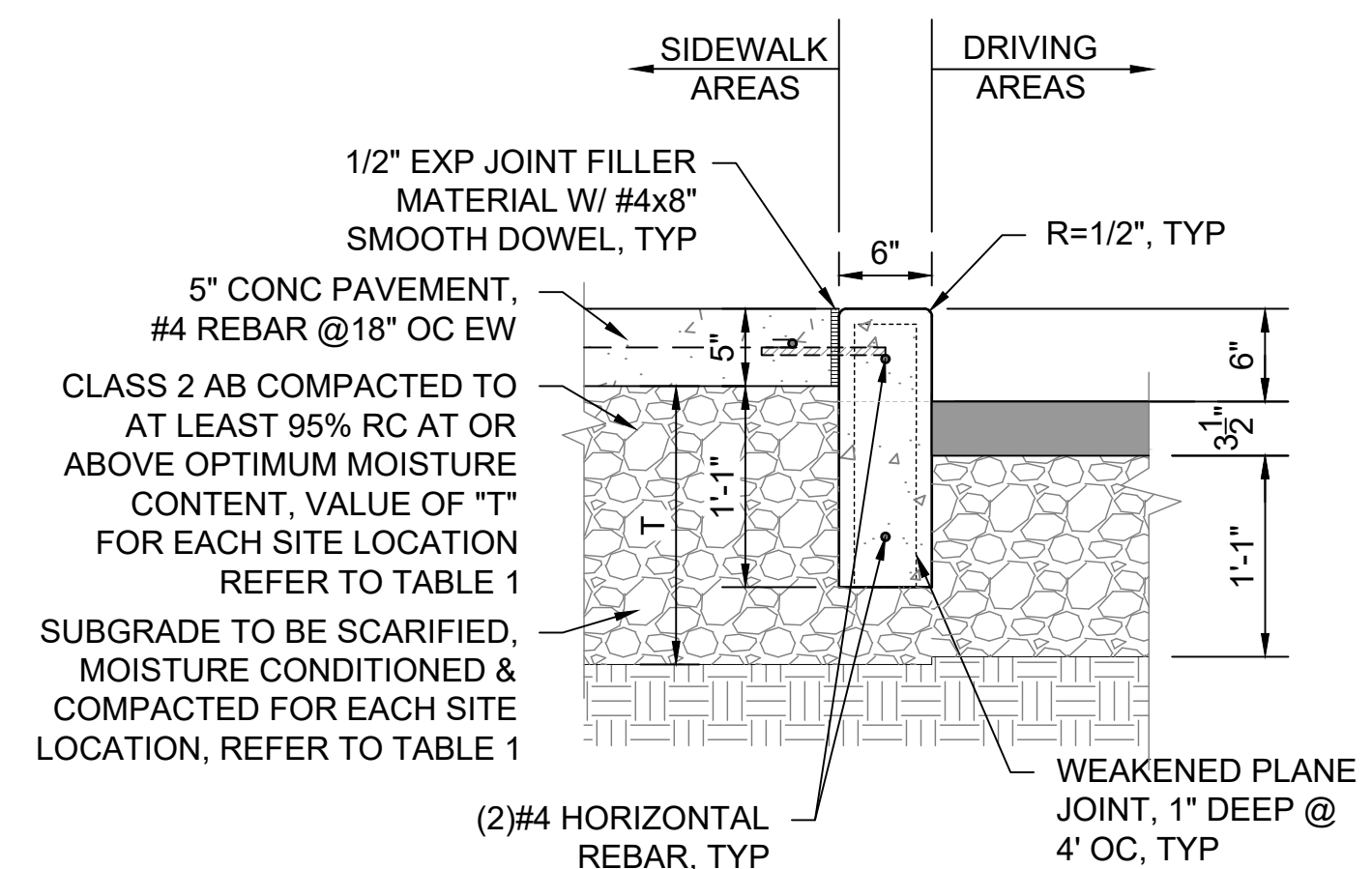
SHEET NO.
C-29
032 OF 038



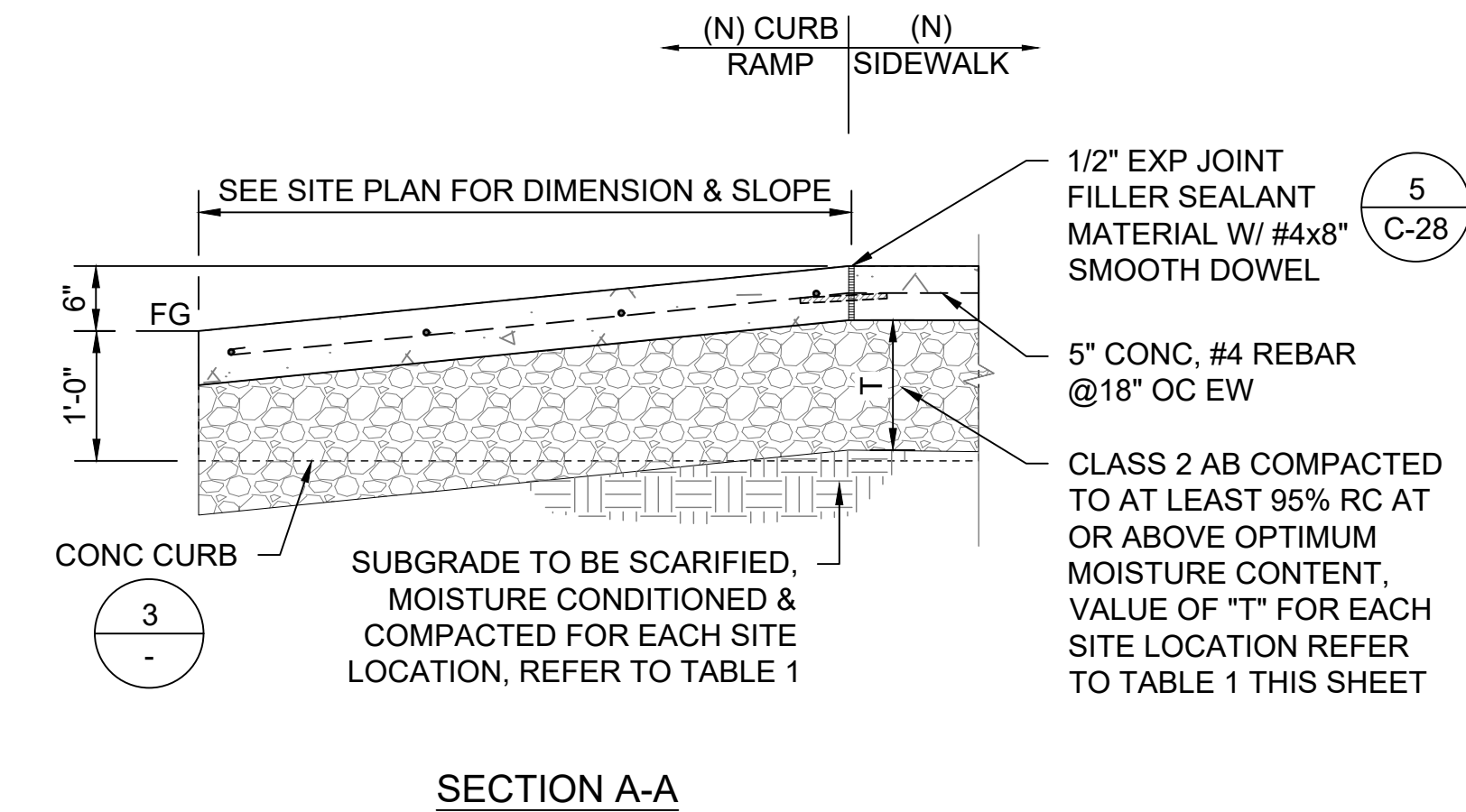
1 CONCRETE PARKING & DRIVING SLAB
SCALE@22X34 1" = 1'-0"



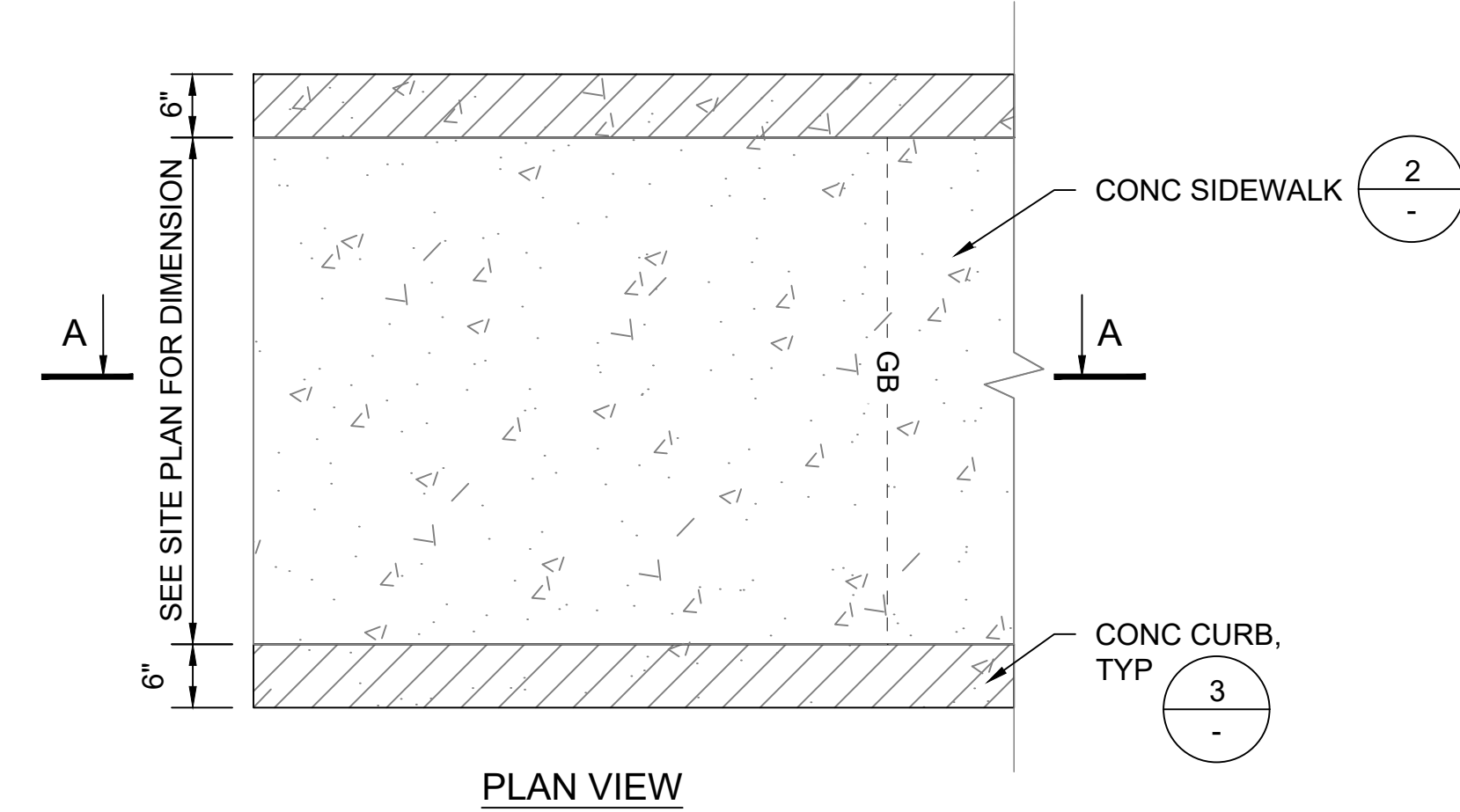
2 CONCRETE SIDEWALK & PICNIC PAD
SCALE@22X34 1" = 1'-0"



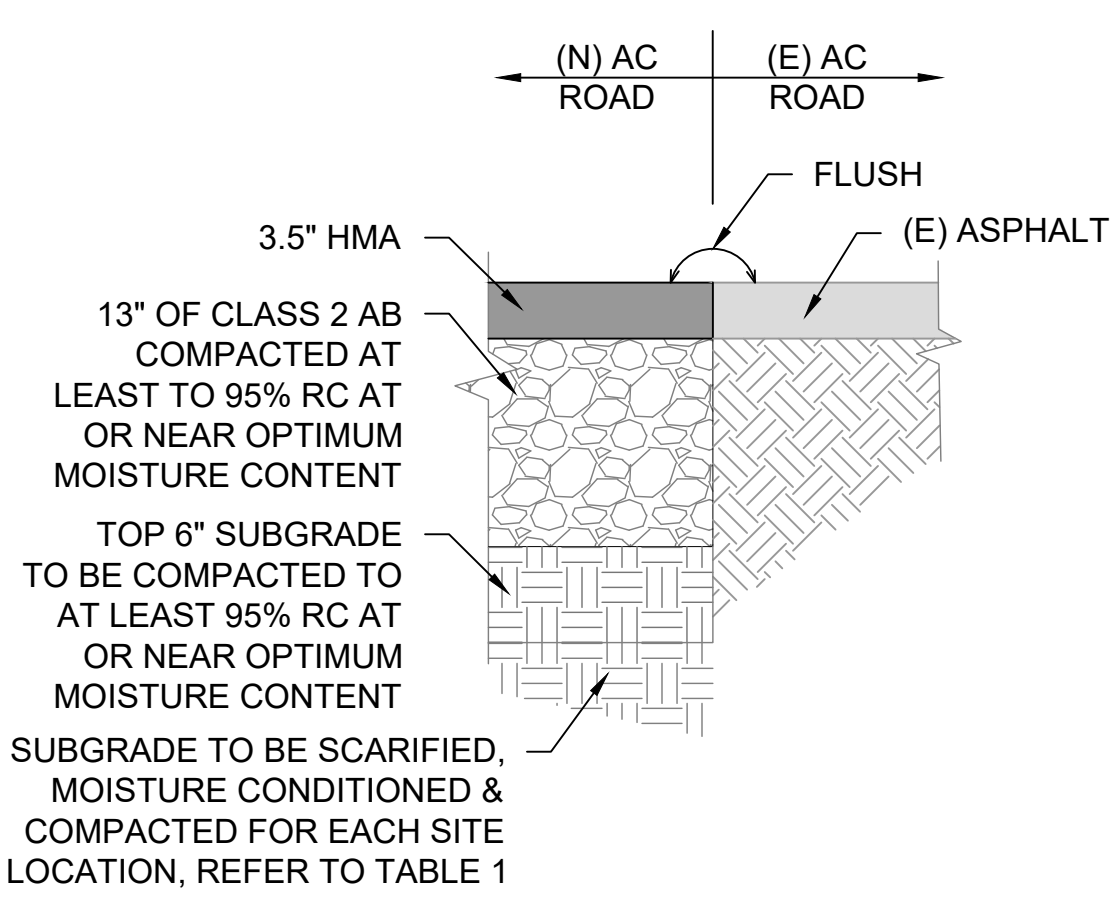
3 CONCRETE CURB
SCALE@22X34 1" = 1'-0"



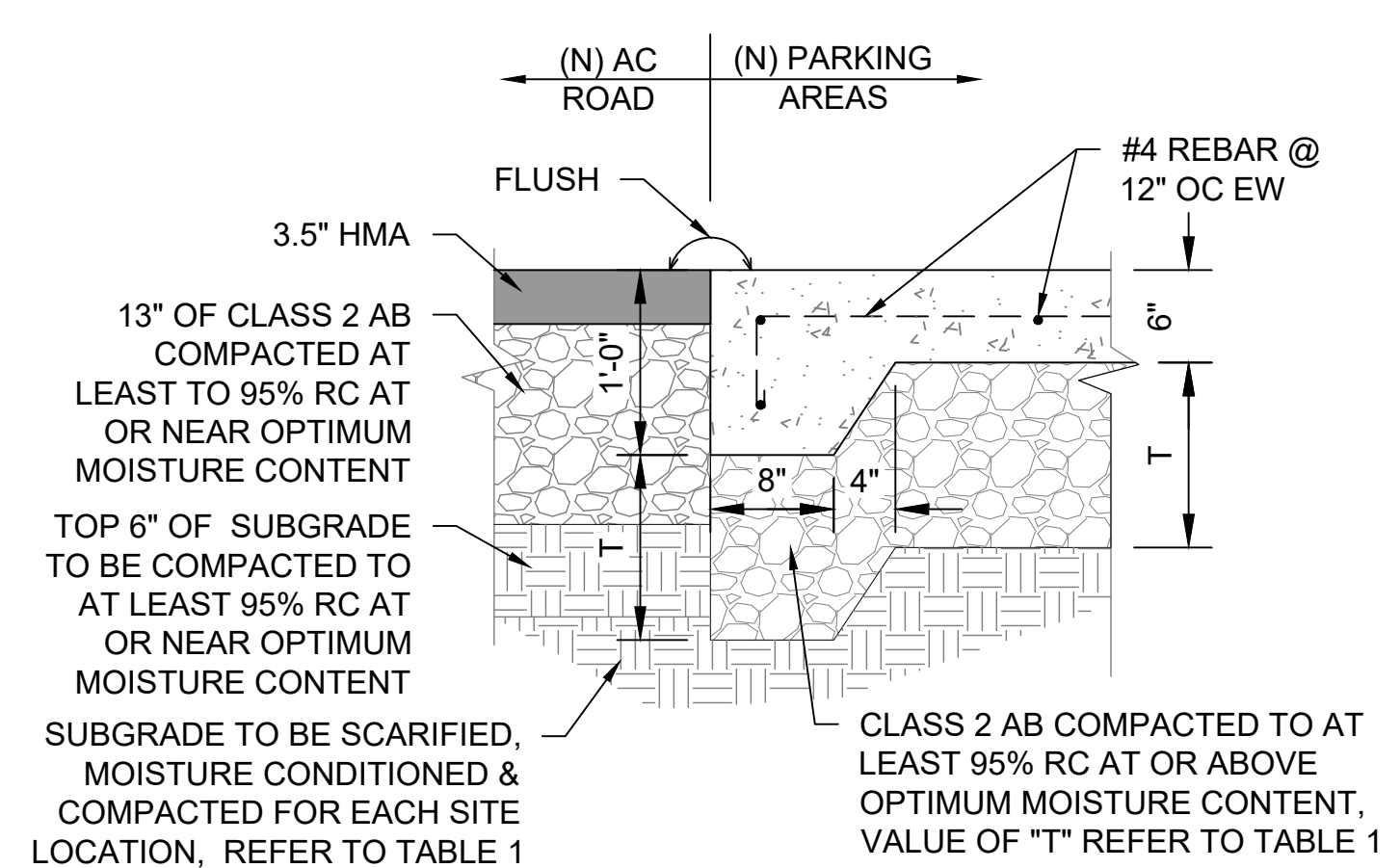
SECTION A-A



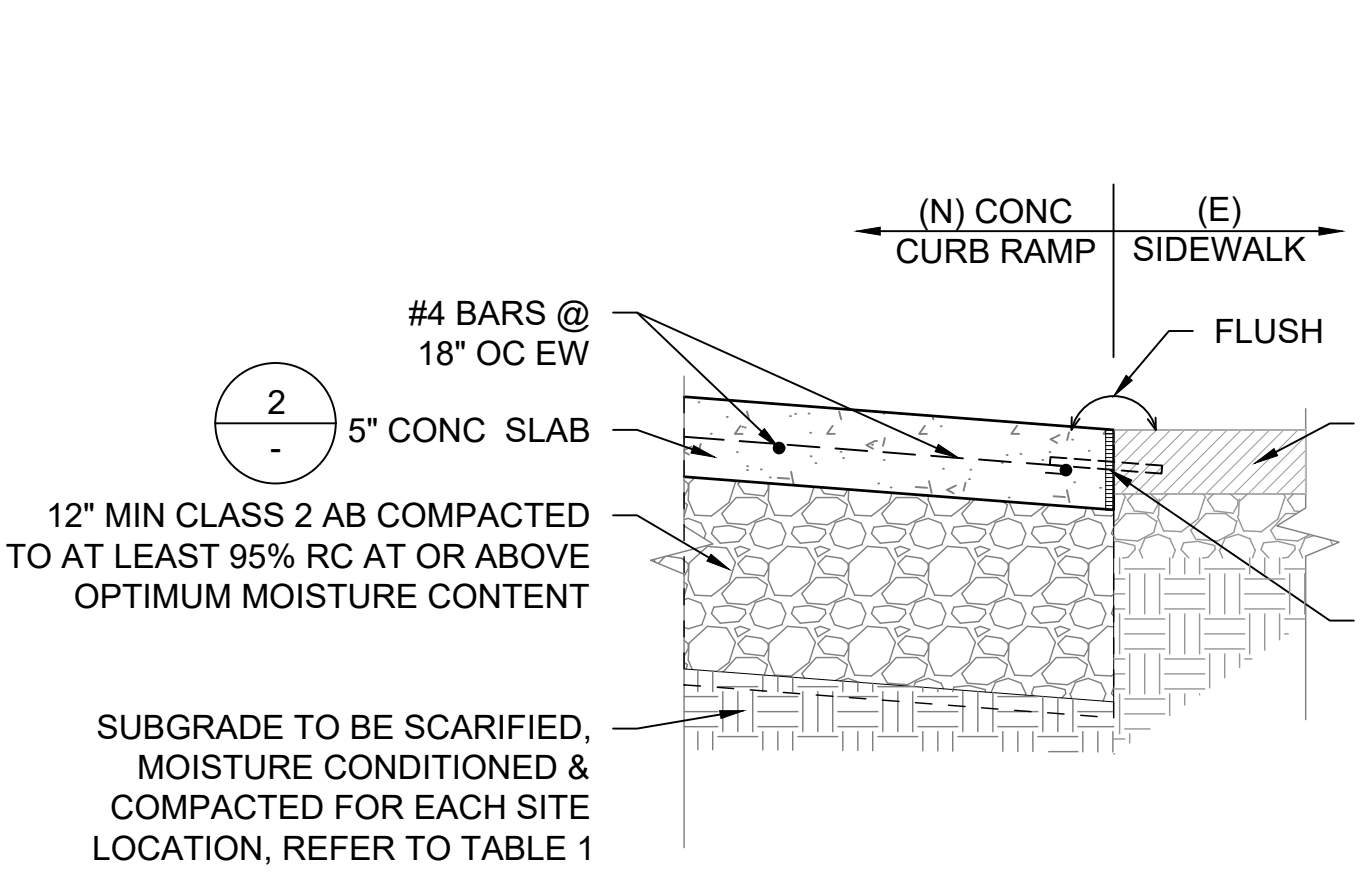
6 AGGREGATE PAVING PATH @ PICNIC AREA
SCALE@22X34 1" = 1'-0"



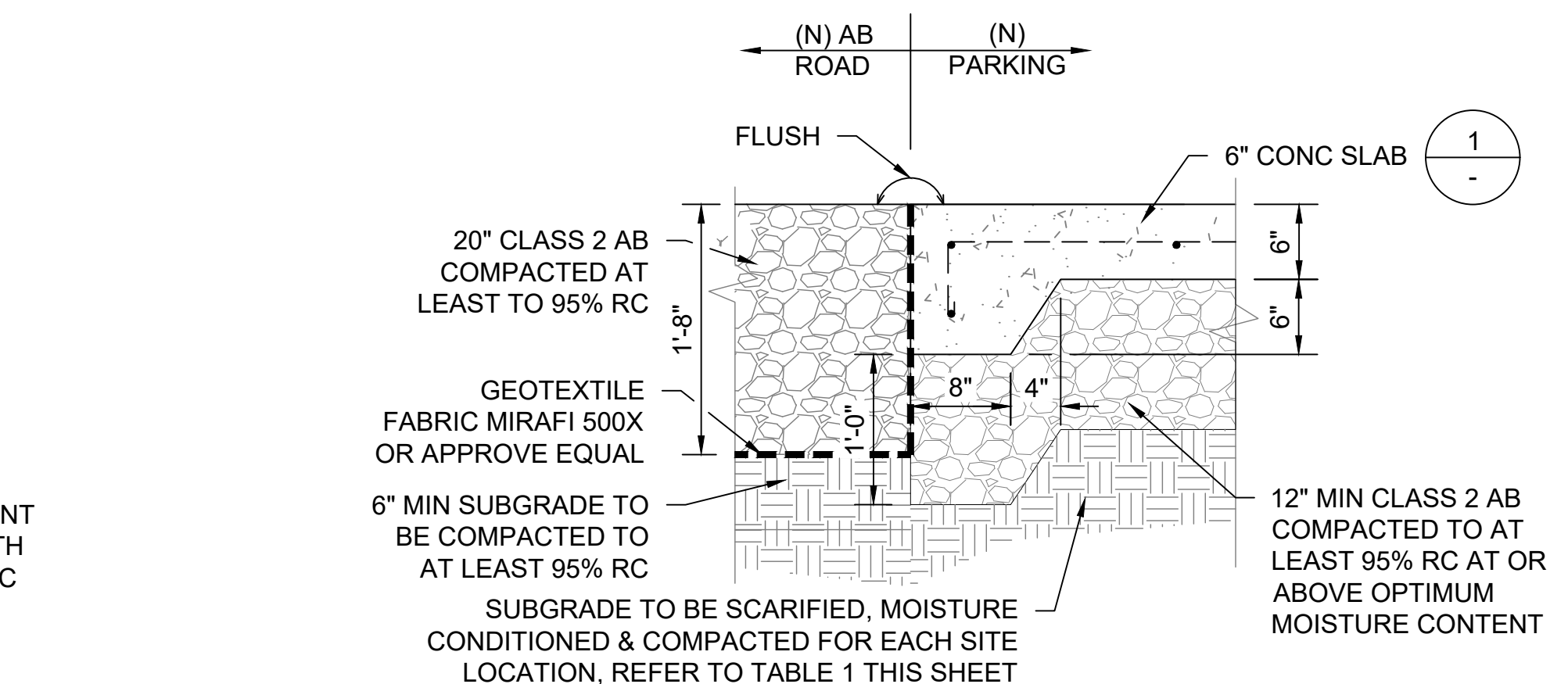
4 (N) AC TO (E) AC PAVING
SCALE@22X34 1" = 1'-0"



5 (N) CONC PARKING TO (N) AC PAVING
SCALE@22X34 1" = 1'-0"

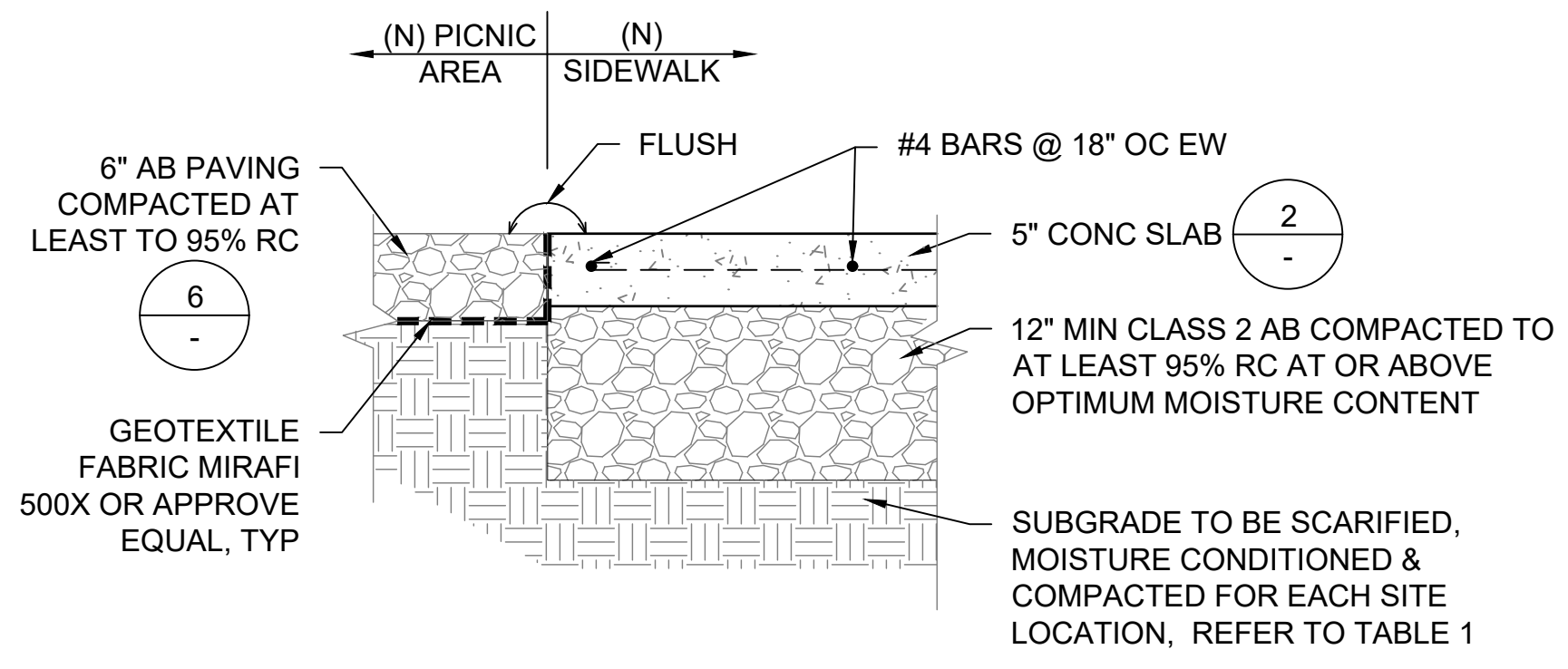


8 (N) CONC SIDEWALK TO (E) CONC PAVING
SCALE@22X34 1" = 1'-0"

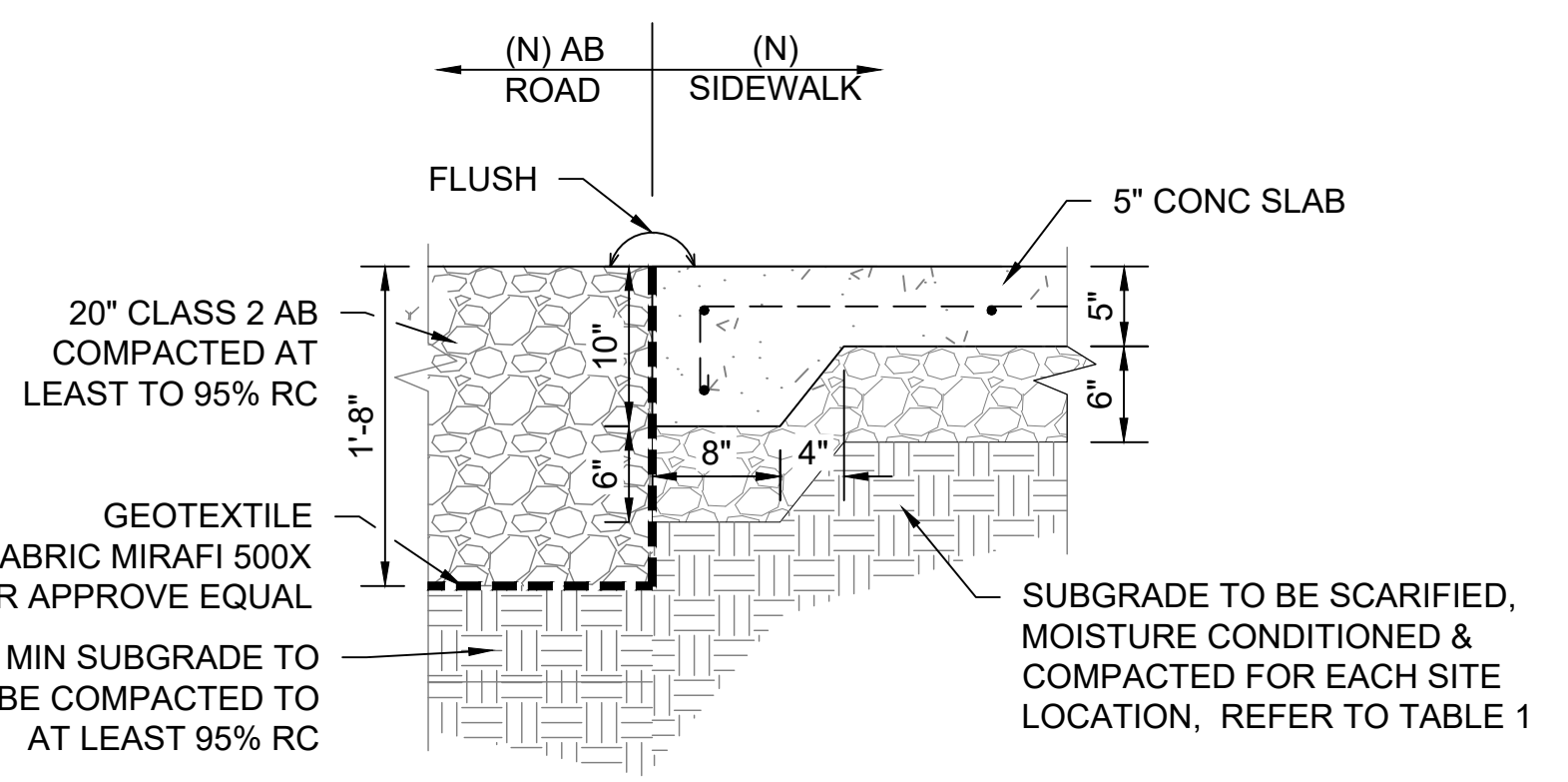


9 (N) CONC PARKING TO (N) AB PAVING
SCALE@22X34 1" = 1'-0"

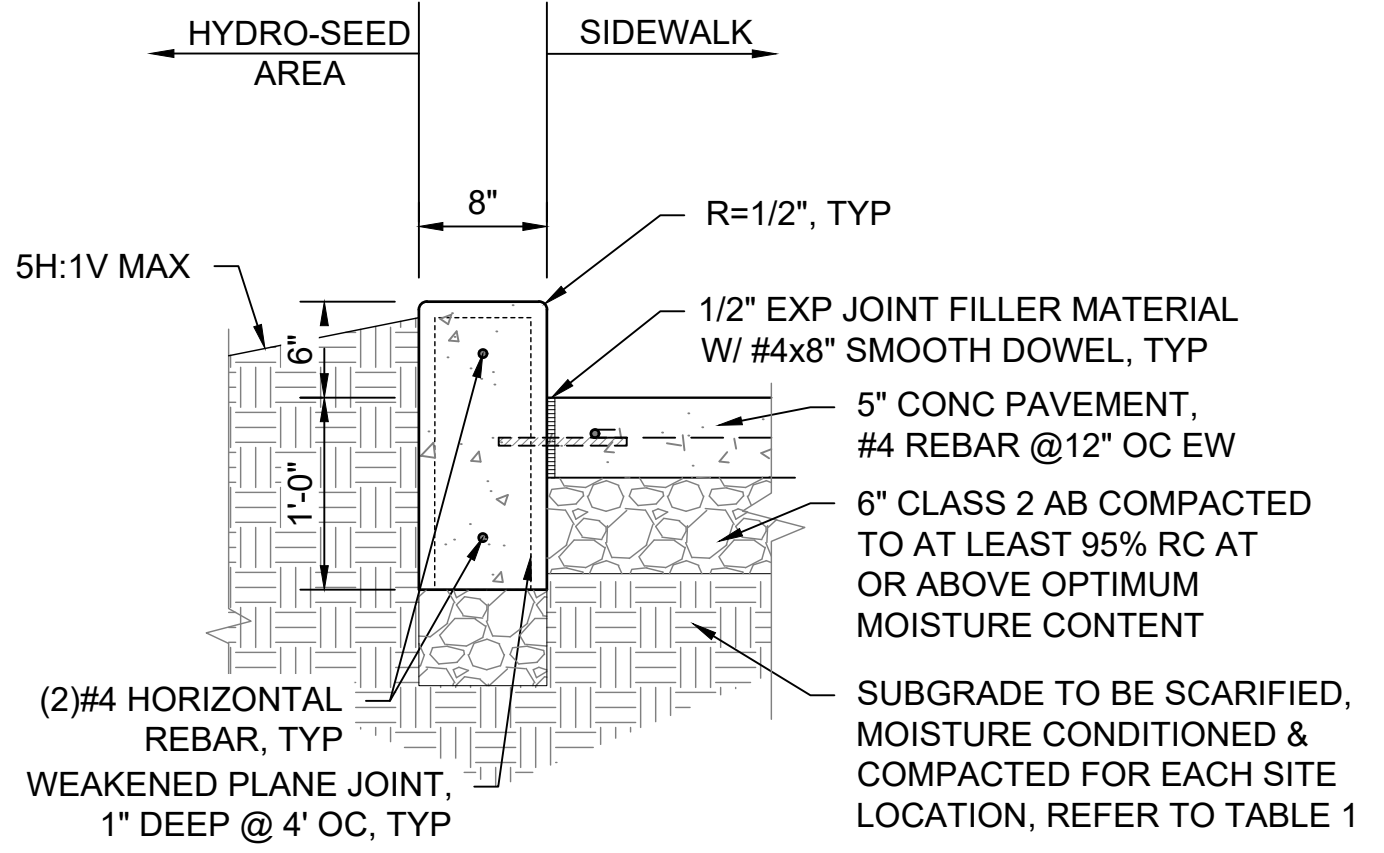
7 CONCRETE CURB RAMP TYPICAL
SCALE@22X34 3/4" = 1'-0"



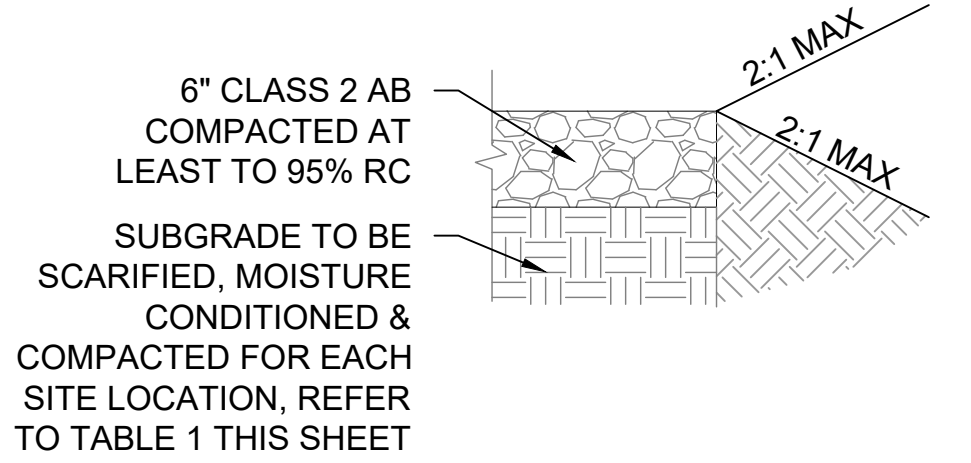
10 (N) CONC SIDEWALK TO (N) AB PAVING PATH
SCALE@22X34 1" = 1'-0"



11 (N) CONC SIDEWALK TO (N) AB ROAD
SCALE@22X34 1" = 1'-0"



12 CONC CURB TYPE 2
SCALE@22X34 1" = 1'-0"



13 AGGREGATE BASE
SCALE@22X34 1" = 1'-0"

TABLE 1		
PARK NAME	T	SUBGRADE
PESCADERO SB - CENTRAL BEAN HOLLOW SB	6" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT OR ABOVE OPTIMUM CONTENT AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION
BURLEIGH H. MURRAY RANCH PESCADERO SB- NORTH ANO NUEVO GAZOS SP	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 2% ABOVE OPTIMUM & COMPACTED TO AT LEAST 90% RC
COWELL RANCH SB POMPONIO SB	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 3% ABOVE OPTIMUM MOISTURE CONTENT & COMPACTED TO AT LEAST 87% BUT NOT EXCEEDING 92% RELATIVE COMPACTION
SAN GREGORIO SB	18" MIN.	

NOTES:
- "T" = THICKNESS OF CLASS 2 AGGREGATE BASE
- INFORMATION FROM GEOCON GEOTECHNICAL REPORT SECTION 6.5.6 DATED JULY 7, 2022 & REVISED JANUARY 5, 2023

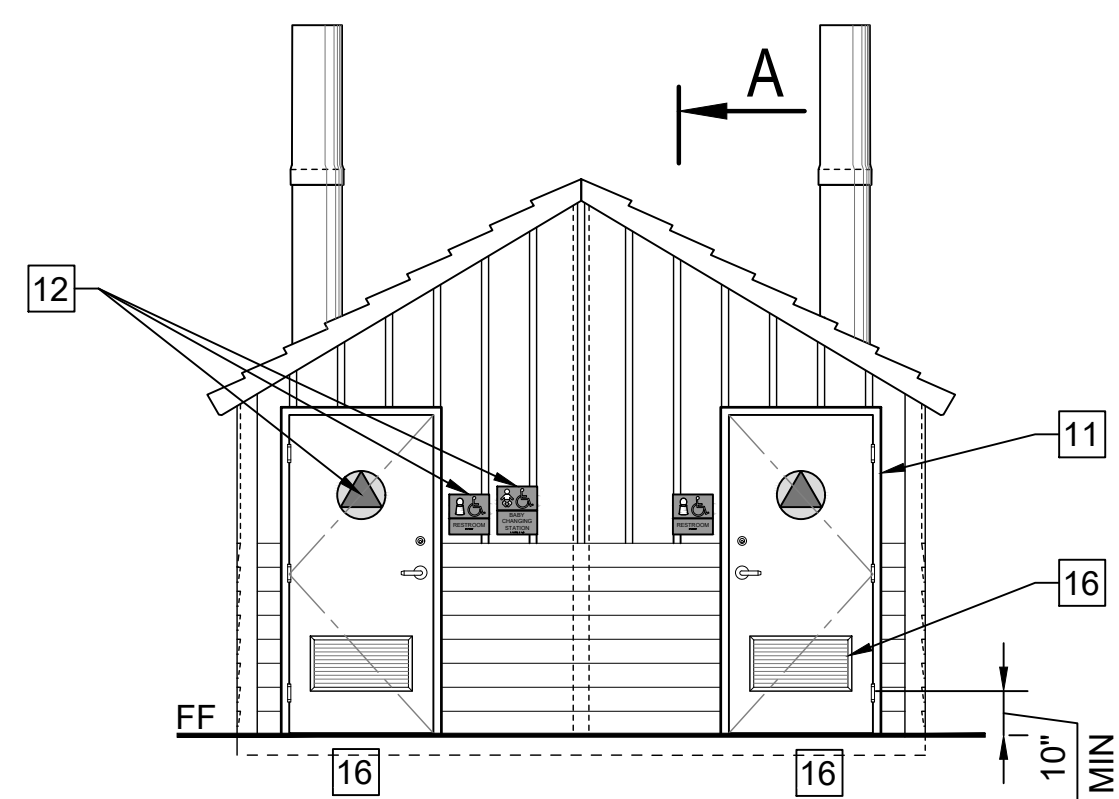
File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-29 SITE PAVING DETAILS.dwg Layout: C-29 Site Paving Dtls_Ano Nuevo Gazos Date: October 30 2023 - 1:53 pm User: ile



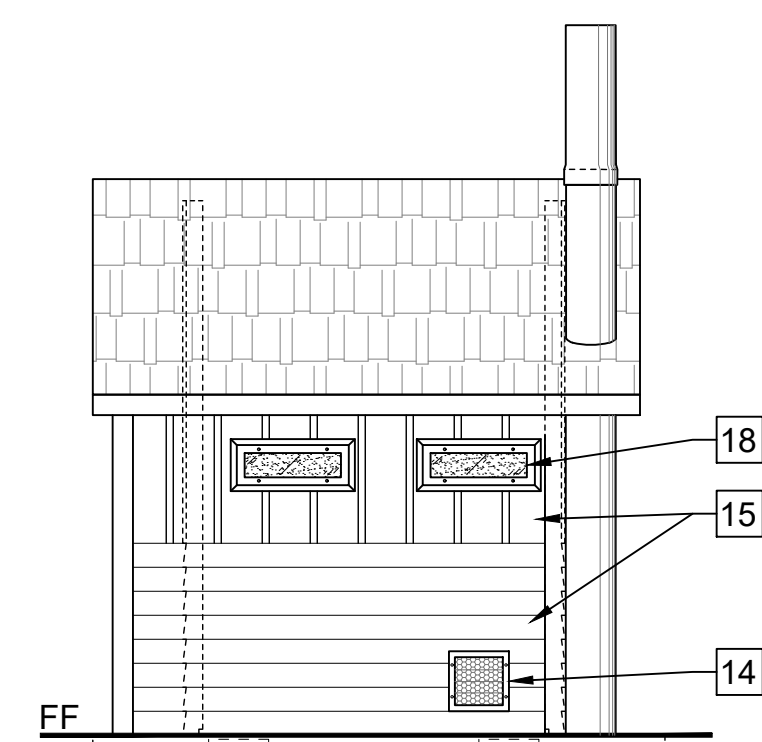
FACILITIES AND DEVELOPMENT DIVISION

KEYNOTES:

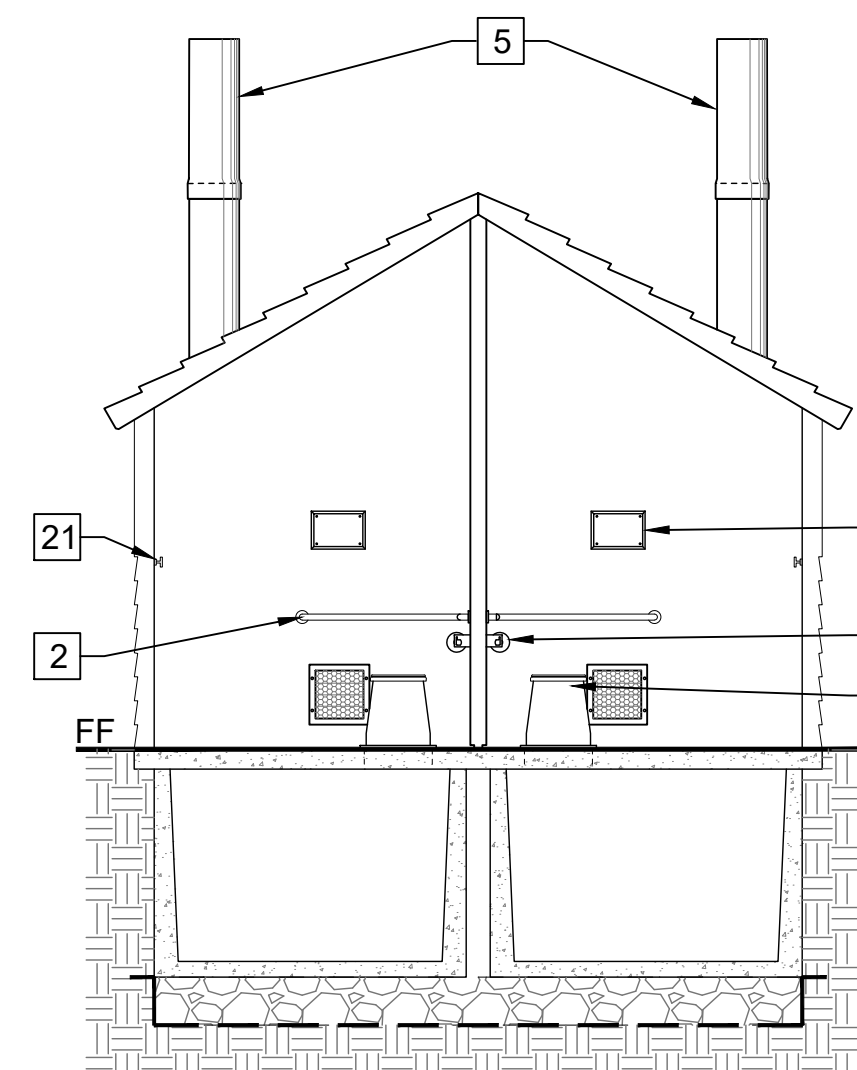
- 1 RISER
- 2 "L" SHAPED 1-1/2" SS GRAB BARS, 250LB POINT LOAD MIN. CAPACITY
- 3 SS TOILET PAPER DISPENSER, (3) ROLL BAR WITH LOCK
- 4 EDGE OF ROOF LINE ABOVE
- 5 VAULT VENTILATOR TUBE
- 6 VAULT ACCESS SCUTTLE DOOR
- 7 VAULT TANK BELOW GRADE
- 8 VAULT FOUNDATION: 12" MIN. THICK LEVELING COURSE OF 1-1/2" ANGULAR CRUSHED ROCK CONSOLIDATE W/ VIBROPLATE COMPACTOR ABOVE GEOTEXTILE FILTER FABRIC (MIRAFI 140N OR EQUAL), REFER TO GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION
- 9 SIMULATED STANDING CEDAR SHAKE TEXTURE CONCRETE ROOF PATTERN, COLOR GRANITE ROCK, 2K ANTI-GRAFFITI COATING
- 10 CONCRETE BUILDING SLAB BY MANUFACTURE OF PRE-CAST BUILDING, COORDINATE ELEVATION WITH CONCRETE WALK FOR ACCESSIBLE ENTRANCE PER GRADING SHEETS
- 11 3'-0"x6'-8" FIBERGLASS DB LVR DOOR AND FRAMESET, TOP PAINTED WITH DTM ALKYD
- 12 TOILET SIGNAGE ON SHEET C-XX RESTROOM DETAILS
- 13 SIGN TO READ: "DO NOT PUT TRASH IN TOILET"
- 14 SS WALL VENT
- 15 BOARD & BATT TEXTURE UPPER WITH HORIZONTAL LAP LOWER TEXTURE WALLS, COLOR SAND BEIGE. 2K ANTI-GRAFFITI COATING ON ALL FINISHED SURFACES.
- 16 SS DOOR LOUVER
- 17 SET BUILDING SLAB FLUSH, LEVEL AND W/ SMOOTH TRANSITION AT CONCRETE SIDEWALK IN AREA IN FRONT OF ENTRANCE TO THE RESTROOM, COORDINATE W/ GRADING SHEET PER EACH LOCATION
- 18 TRANSLUCENT LEXAN WINDOW GLAZING WITH STEEL FRAME
- 19 BABY CHANGING TABLE: MODEL 100-EH-BP HORIZONTAL DIAPER CHANGING STATION WITH EZ MOUNT BACKER PLATE OR APPROVE EQUAL, TABLE WIDTH SHALL NOT EXCEED 18".
- 20 ACCESSIBLE MANEUVERING AREAS - CIRCLE: 60" Ø & RECTANGLE: 56"D x 60"W
- 21 SS DOUBLE COAT HOOK
- 22 PAINT - WHITE
- 23 ALL PORTIONS OF THE EAVES WHICH ARE LESS THAN 80" ABOVE THE WALKING SURFACE SHALL PROJECT NO MORE THAN 4" FROM THE SIDE OF THE BUILDING.



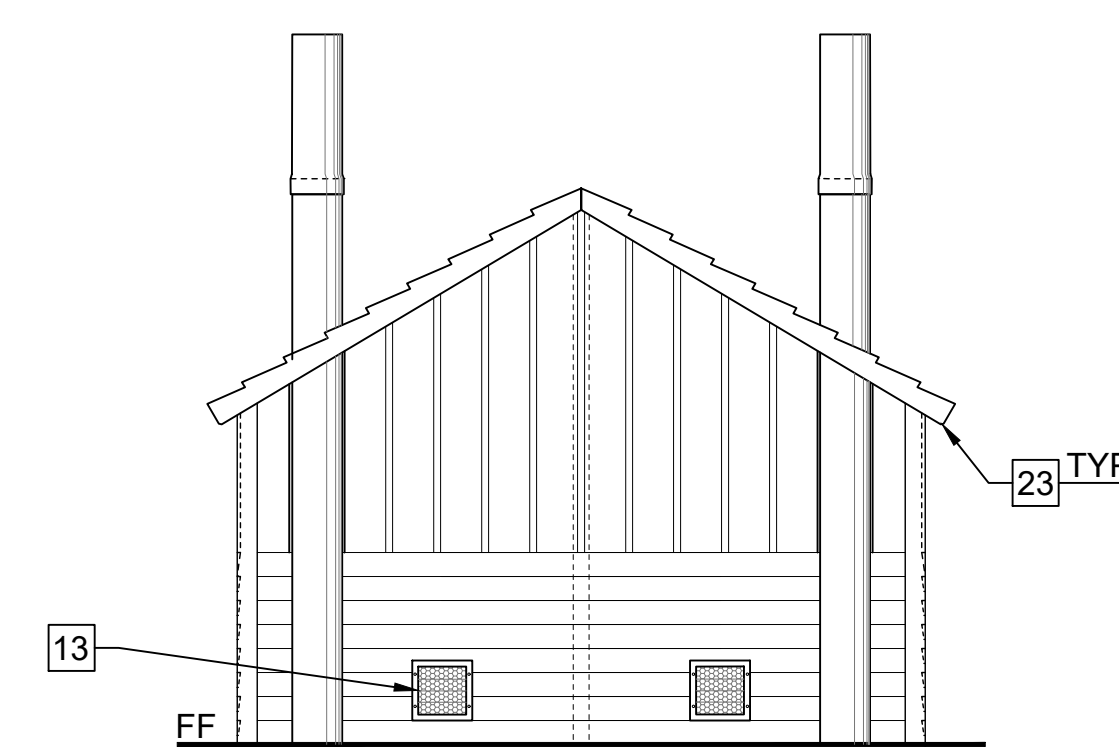
1 FRONT ELEVATION
SCALE@24X36 1/4" = 1'-0"



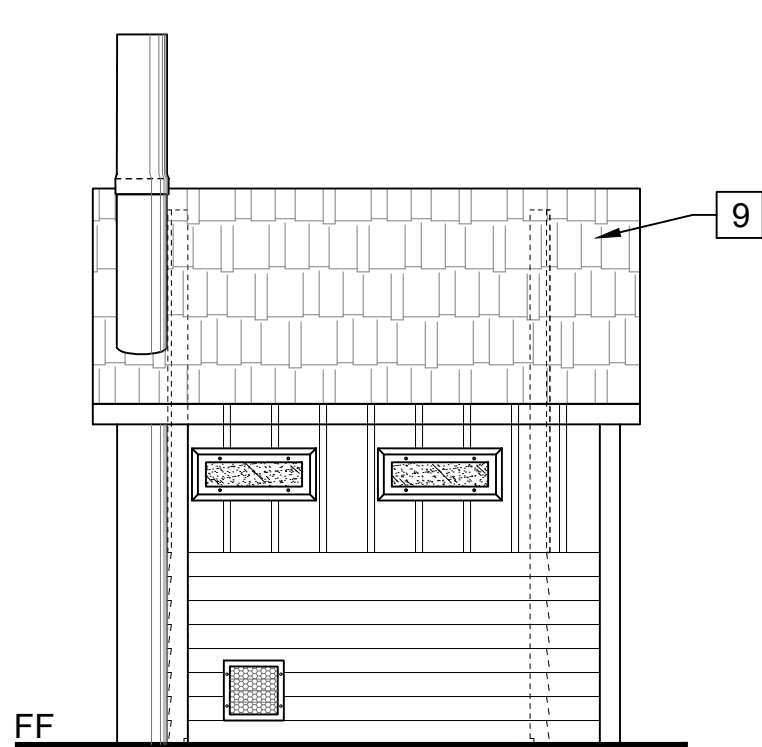
3 RIGHT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



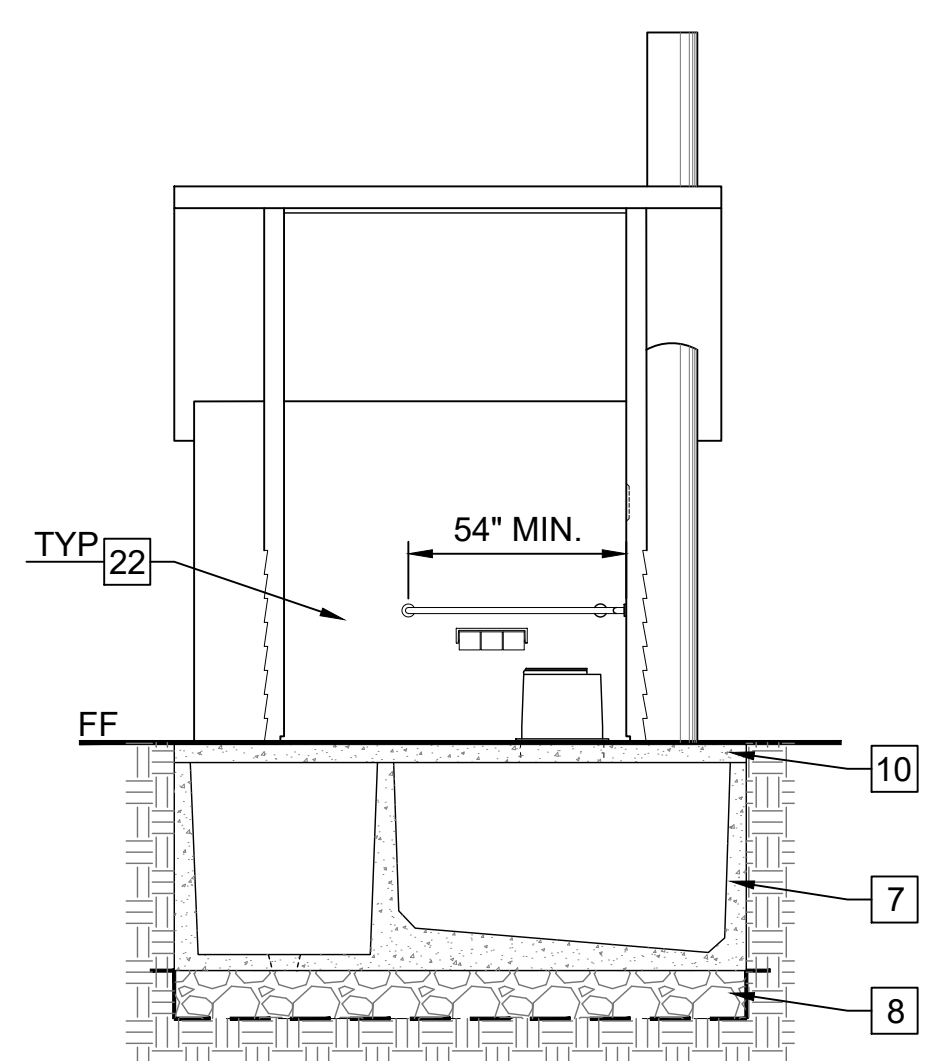
5 LONGITUDINAL SECTION
SCALE@24X36 1/4" = 1'-0"



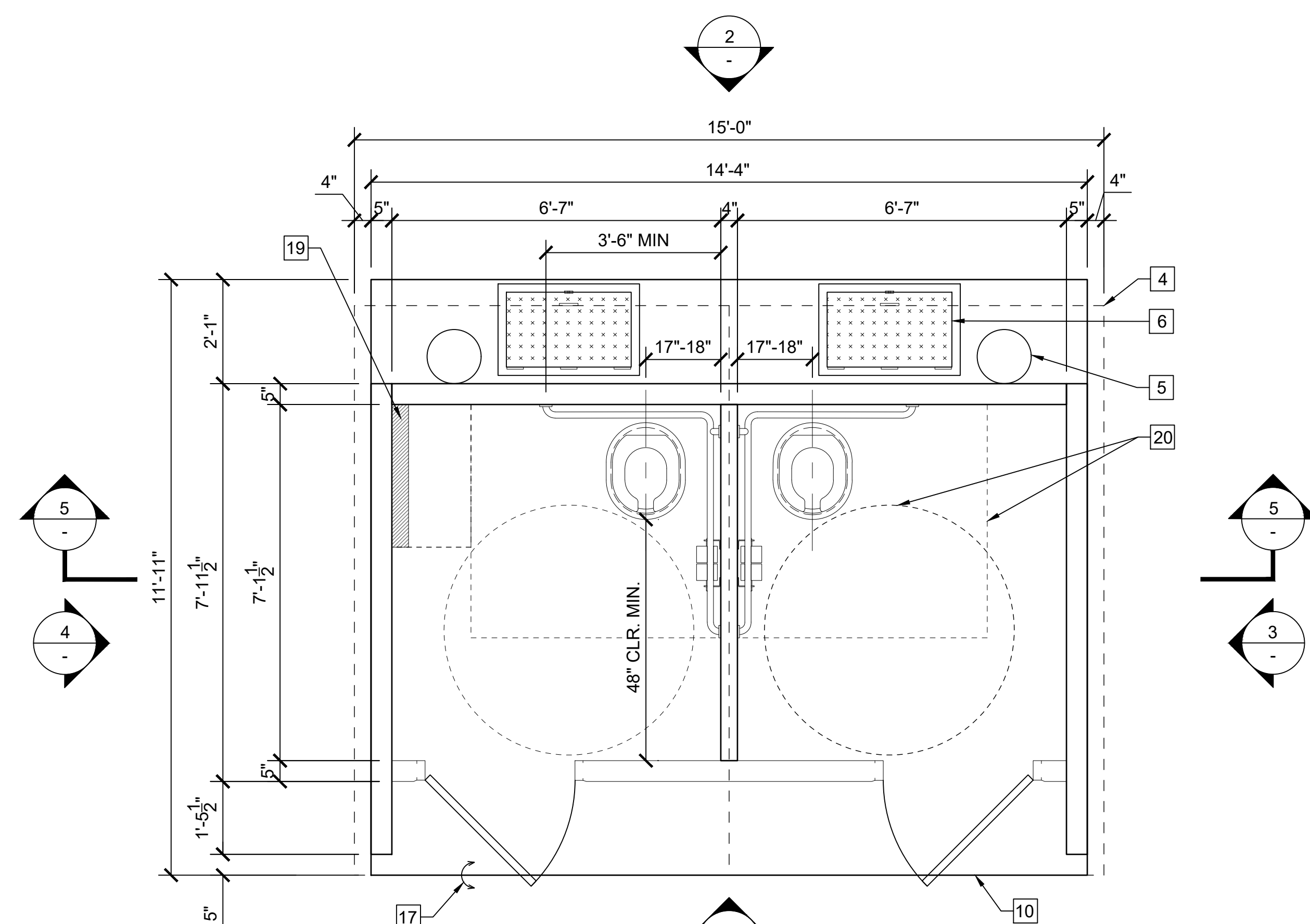
2 REAR ELEVATION
SCALE@24X36 1/4" = 1'-0"



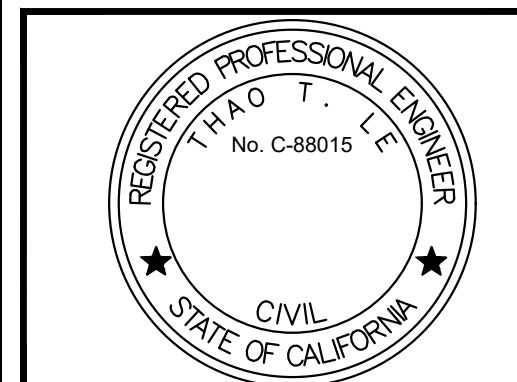
4 LEFT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



6 SECTION A-A
SCALE@24X36 1/4" = 1'-0"



7 FLOOR PLAN
SCALE@24X36 1/2" = 1'-0"



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by: Date
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: TL
DRAWN: TL
CHECKED: MP
DATE: OCTOBER 2023

REVISIONS	DATE

ANO NUEVO STATE PARK
VAULT RESTROOM PLACEMENT
**PRECAST DOUBLE VAULT
RESTROOM BUILDING**

206279.037

SHEET NO.

C-34

037 OF 038

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION FACILITIES AND DEVELOPMENT DIVISION

PESCADERO STATE BEACH - NORTH VAULT RESTROOM REPLACEMENT

CSFM # 23-N-2341-C-NW

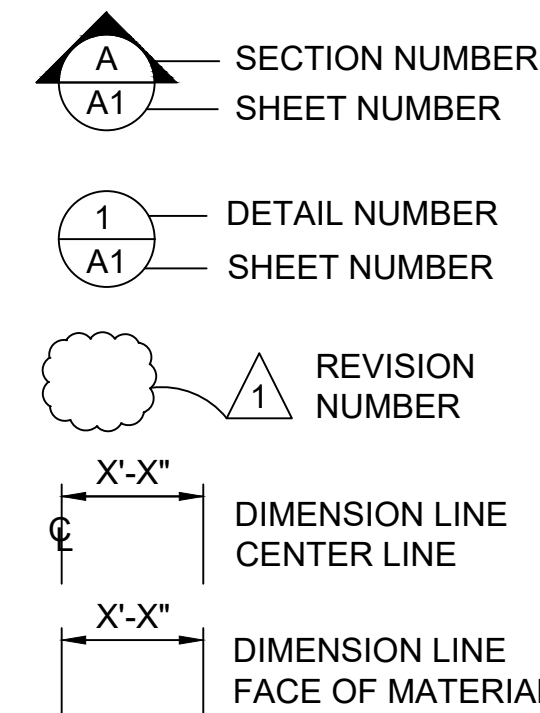


FACILITIES AND DEVELOPMENT DIVISION

DEMOLISH EXISTING NON COMPLIANT RESTROOMS AND REPLACE WITH PRECAST CONCRETE VAULT RESTROOM. UPGRADE EXISTING PARKING TO MEET CURRENT ADA REQUIREMENTS. BARRIER REMOVAL AT PATH OF TRAVEL FROM PARKING TO RESTROOM AND ANY DAY-USE SITE AMENITIES ON THE PATH OF TRAVEL.

SCOPE OF WORK

- 1- ALL MATERIALS SHOWN OR NOTED ON THE PLANS ARE NEW UNLESS CALLED OUT OTHERWISE.
- 2- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS SHOWN OR DIMENSIONED HERE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STATE REPRESENTATIVE FOR RESOLUTION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- 3- ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE FOLLOWING LISTED CODES, AND ALL OTHERS HAVING JURISDICTION OVER THE WORK.
 - 2022 CA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
 - 2022 CA BUILDING CODE (CBC), VOLUMES 1 AND 2, PART 2, TITLE 24, C.C.R. (2018 INTERNATIONAL BUILDING CODE AND 2019 CA AMENDMENTS)
 - 2022 CA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2020 CA AMENDMENTS)
 - 2022 CA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2021 CA AMENDMENTS)
 - 2022 CA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R. (2021 UNIFORM PLUMBING CODE W/ 2021 CA AMENDMENTS)
 - 2022 CA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R. (2008 CA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)
 - 2022 CA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R. (2021 INTERNATIONAL FIRE CODE AND 2021 CA AMENDMENTS)
 - 2022 CA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.
 - 2022 CA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
 - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.
 - 2022 TITLE 19 C.C.R., PUBLIC SAFETY, DIVISION 1 STATE FIRE MARSHAL REGULATIONS.



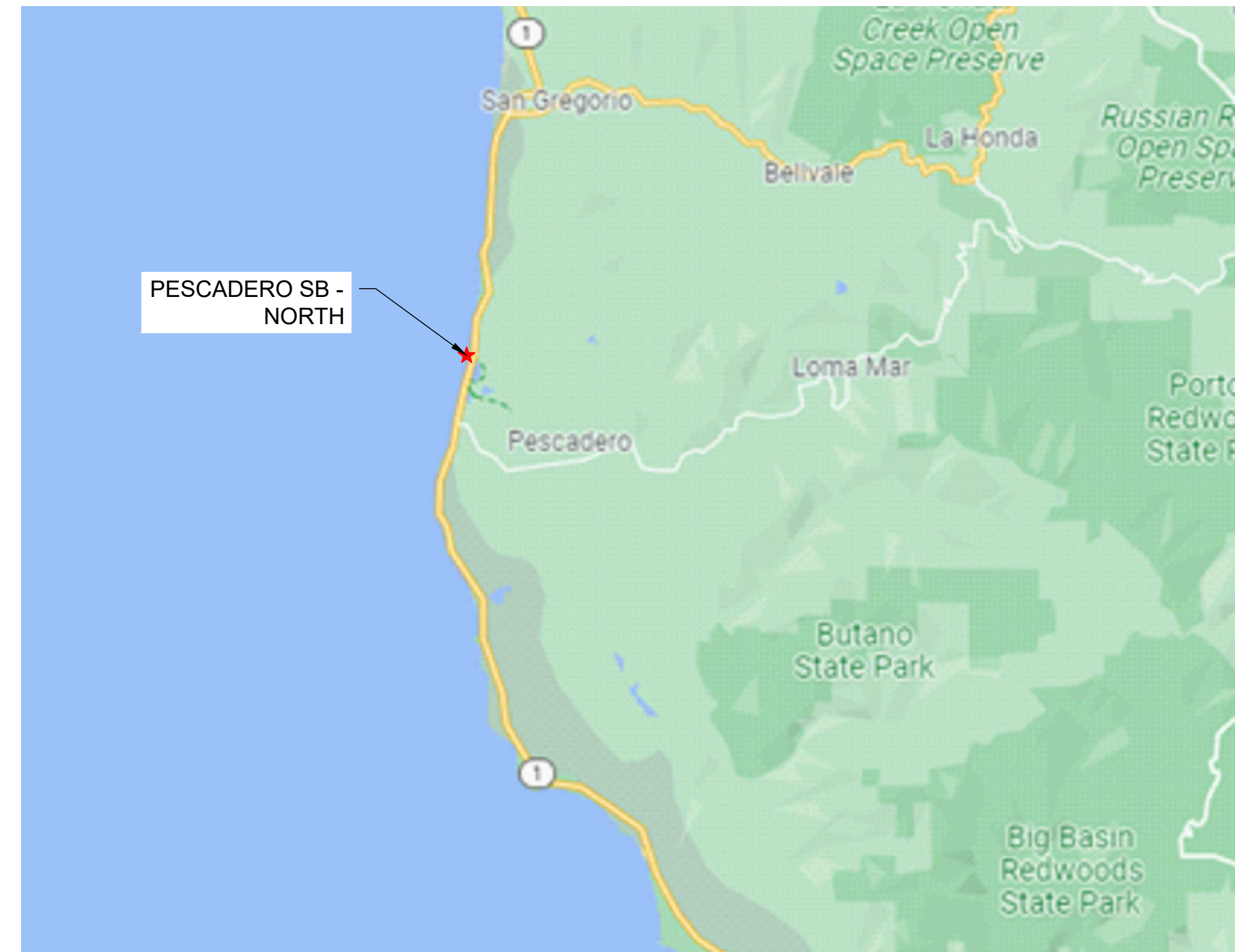
SYMBOLS LEGEND

GENERAL NOTES

7. COMPLIANCE WITH ACCESSIBLE REGULATIONS FOR SLOPES AS STATED ON THE PLANS WILL BE VERIFIED BY THE STATE'S REPRESENTATIVE UTILIZING A 24 INCH DIGITAL LEVEL. THE 24 INCH DIGITAL LEVEL WILL BE SUPPLIED BY THE STATE AND WILL BE CALIBRATED BY THE STATE'S REPRESENTATIVE PRIOR TO THE TAKING OF ANY MEASUREMENTS. MEASUREMENTS WILL BE TAKEN IN ANY DIRECTION WITH THE 24" DIGITAL LEVEL AND MEASUREMENTS WILL VERIFY COMPLIANCE WITH SLOPES SPECIFIED ON THE PLANS. WORK THAT DOES NOT MEET THE REQUIREMENTS SHALL BE CONSIDERED NON-COMPLIANT AND WILL NOT BE ACCEPTED BY THE STATE. ANY AREA WHICH IS NON-COMPLIANT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

DEFERRED SUBMITTALS

LOCAL FIRE AUTHORITY APPROVAL



VICINITY MAP



LOCATION MAP

SHEET INDEX		
PAGE	NO.	TITLE SHEET
001	G-1	COVER SHEET
002	G-2	GENERAL NOTES & ABBREVIATIONS
003	G-3	OVERALL SITE PLAN
016	C-13	EXISTING CONDITION & DEMO PLAN
017	C-14	PAVING, HORIZONTAL CONTROL & GRADING PLAN
028	C-25	GRADING & PAVING SECTIONS 4
031	C-28	ACCESSIBLE PARKING & CONCRETE JOINT DETAILS
032	C-29	SITE PAVING DETAILS
037	C-34	PRECAST DOUBLE VAULT RESTROOM BUILDING
038	C-35	RESTROOM DETAILS

SHEET INDEX

NO.	DESCRIPTION	STATUS
1	OCCUPANCY CLASSIFICATION	B
2	BUILDING CONSTRUCTION TYPE	I-B
3	NUMBER OF STORIES	1
4	ACTUAL BUILDING HEIGHT	12'-0"
5	BUILDING AREA IN SQUARE FEET	171 SF
6	AREA OF PROJECT IN SQUARE FEET	2,100 SF
7	SEPARATED OR NON-SEPARATED USE	NON-SEPARATED
8	ALLOWABLE AREA PER CBC	UL
9	AREA INCREASE	NO
10	HEIGHT INCREASE	NO
11	FIRE SPRINKLERS TYPE: (WET, DRY, PRE-ACTION OR DELUGE)	NO
12	FIRE ALARM TYPE: (MANUAL, AUTOMATIC, ETC)	NO
13	OTHER FIRE PROTECTION SYSTEMS, IF ANY	NO
14	SMOKE CONTROL SYSTEM	NO
15	OCCUPANT LOAD FOR ENTIRE BUILDING AND EACH FLOOR	2
16	YEAR BUILDING WAS CONSTRUCTED	NEW
17	IN A HIGH FIRE HAZARD SEVERITY ZONE?	NO

NOTE: ALL ROOMS ARE SINGLE OCCUPANCY, BASED ON OCCUPANT LOAD OF 1 OCCUPANT PER 150 SQUARE FEET, AND EXIT DIRECTLY TO THE EXTERIOR.

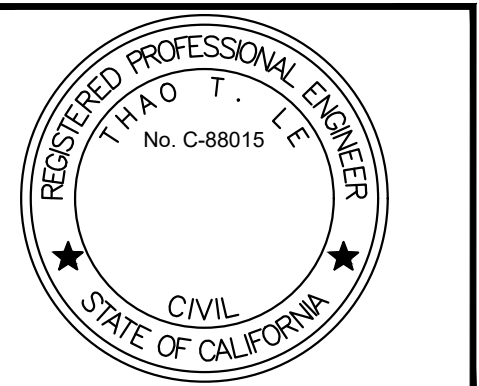
BUILDING CODE REVIEW

STATE OF CALIFORNIA
DEPARTMENT OF PARKS AND RECREATION
FACILITIES AND DEVELOPMENT DIVISION
NORTHERN SERVICE CENTER
2241 HARVARD STREET, SUITE 200
SACRAMENTO, CA 95815

PREPARED BY

SANTA CRUZ DISTRICTWIDE
18253 CABRILLO HIGHWAY SOUTH, SAN GREGORIO, CA 94074
PARK SECTOR OFFICE: 95 KELLY AVENUE, HALF MOON BAY, CA 94019
SAN MATEO COUNTY

SITE ADDRESS



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
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DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

NO.	REVISIONS	DATE

PESCADERO STATE BEACH - NORTH
VAULT RESTROOM REPLACEMENT

COVER SHEET

206279.001

SHEET NO.
G-1
001 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\sheet\set\G-1 COVER SHEET.dwg Layout: G-1 Cover Sheet_Pescadero SB-North Date: October 30 2023 - 12:35 pm User: lre

CONCRETE

- STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH AS REQUIRED IN NOTE 24. MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.
- CONCRETE MIX DESIGNS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER, REVIEWED BY CONTRACTOR'S TESTING LABORATORY AND SUBMITTED TO THE STATE REPRESENTATIVE FOR REVIEW.
- CEMENTITIOUS MATERIALS:
CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II.
FLY ASH SHALL CONFORM TO ASTM C-618. MAXIMUM QUANTIFY OF FLY ASH SHALL BE AS GIVEN IN SPECS (15% MAXIMUM UNO).
- CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE AND ASTM C-330 FOR LIGHTWEIGHT CONCRETE.
- NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREMIXED NONMETALLIC FORMULA.
- REINFORCING BARS SHALL CONFORM TO ASTM D7957 / D7957M-17 FOR #3 AND LARGER. CONTRACTOR SHALL SUBMIT REBAR MANUFACTURER CERTIFICATES.
- REINFORCING BARS SHALL BE INSTALLED ACCORDING TO ACI 440.1-15 "GUIDE FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL CONCRETE REINFORCED WITH FIBER-REINFORCED POLYMER BARS AND ACI 440.5-08 "SPECIFICATION FOR CONSTRUCTION WITH FIBER-REINFORCED POLYMER REINFORCING BAR."
- DIMENSION SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS LISTED AND DENOTE CLEAR COVERAGE. NON-PRESTRESSED, CAST-IN-PLACE CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO:
CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) _____ 3"
CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS:
#5 AND SMALLER _____ 1-1/2"
#6 AND LARGER _____ 2"
SLABS (ON FORMS) _____ 3/4"
SLABS (ON GROUND) _____ 2" CLEAR FROM TOP UNO
- SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED UNO, SEE SCHEDULE THIS SHEET. SPLICES IN ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLICE CONTINUOUS BARS IN SOIL-BEARING GRADE BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIONS AS FOLLOWS UNO: TOP BARS AT CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLICE CONTINUOUS BARS IN ELEVATED SLABS AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE OF SUPPORT. SPLICES IN WWF SHALL BE 1-1/2" MESHES WIDE.
- THE MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN THE LARGER OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM AGGREGATE SIZE (NOMINAL), WHICHEVER IS GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR SPACING BETWEEN DIFFERENT LAYERS OF PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A CONTACT LAP SPLICE AND ADJACENT SPLICES OR BARS.
- ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED. AT WALLS, PROVIDE HOOKS AT ENDS OF ALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS, UNO.
- CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SAND BLASTING, OR RAKING THE SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
- REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE.
- ANCHOR BOLTS (AB'S) CAST IN CONCRETE OR MASONRY FOR WALL SILL AND LEDGER / APPLICATIONS SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM A307, UNO. REFER TO "WOOD" NOTES FOR ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH PRESSURE TREATED OR FIRE RETARDANT MATERIAL. REFER TO 'STRUCTURAL STEEL' NOTE FOR REQUIREMENTS FOR ANCHOR RODS (AR'S) CAST IN CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED APPLICATIONS.
- DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMN FROM FOUNDATION WITH SAME SIZE BAR.
- CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING BARS (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES HOPPER AND CHUTES OR TRUNKS OF VARIABLE LENGTHS SHALL BE USED SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 6 FEET.
- DRILL THROUGH STEEL COLUMNS, BEAMS AND PLATES TO PASS CONTINUOUS REINFORCING.
- NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
- PROVIDE #5 x 4'-0" DIAGONAL REINFORCING AT TOP AND BOTTOM OF SLAB AT ALL RE-ENTRANT CORNERS TYPICAL. THIS APPLIES TO SLAB ON GRADE, CONCRETE OVER METAL DECK, AND ELEVATED STRUCTURAL SLAB CONDITIONS.
- ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR DAMAGE.
- BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED.
- NOTIFY STATE REPRESENTATIVE A MINIMUM OF 48 HOURS BEFORE PLACING ANY CONCRETE.
- CONCRETE STRENGTHS & MIX PROPERTIES:

ITEM	F'C @ 28 DAYS	MAX. AGGR. SIZE	WEIGHT	MAX W/CM*
A. FOUNDATIONS	3500 PSI	1-1/2"	NW	0.45
B. SLAB ON GRADE	4000 PSI	1"	NW	0.45
C. SITE AND MISCELLANEOUS	3500 PSI	1"	NW	0.45

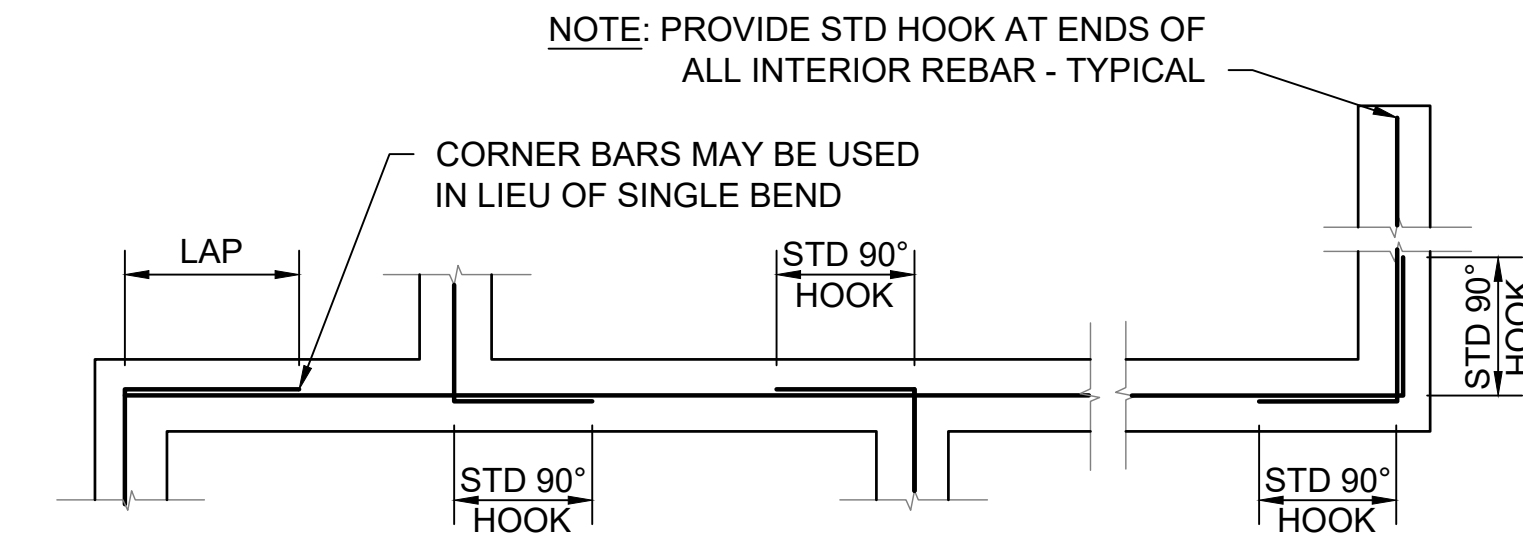
* W/CM = WATER : CEMENTITIOUS MATERIAL RATIO

REINFORCEMENT LAP SPLICE SCHEDULE:

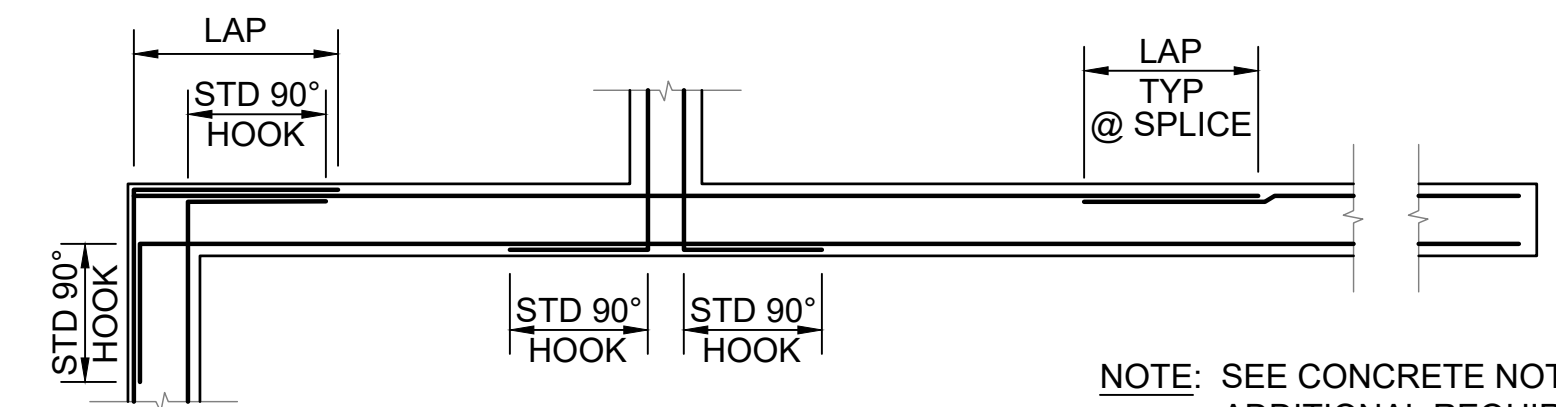
F'c = 3500 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	18	35	43	52	75	86	97	109	121
	OTHER	14	27	33	40	58	66	75	84	93
F'c = 4000 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	17	32	40	48	70	80	91	102	113
	OTHER	13	25	31	37	54	62	70	79	87

(ALL LENGTHS SHOWN ARE IN INCHES) ACI 318 2009 IBC 2016 CBC

- SCHEDULE APPLIES TO NORMAL WEIGHT CONCRETE WITH UNCOATED, GRADE 60 REINFORCING BARS FOR #4 BARS AND LARGER (VALUES FOR #3 BARS BASED ON GRADE 40).
- TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT LOCATED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.
- WHEN LIGHTWEIGHT CONCRETE IS USED, MULTIPLY LAP LENGTHS BY 1.30.
- WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR DIA. OR WHERE CLEAR COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIA., MULTIPLY LAP LENGTHS BY 1.50, UNO.
- WHERE NOTES #3 AND #4 OCCUR, MULTIPLY LAP LENGTHS BY 2.00, UNO.
- WHERE CLASS A LAP SPLICE IS NOTED IN DETAIL, DIVIDE LENGTH ABOVE BY 1.30.

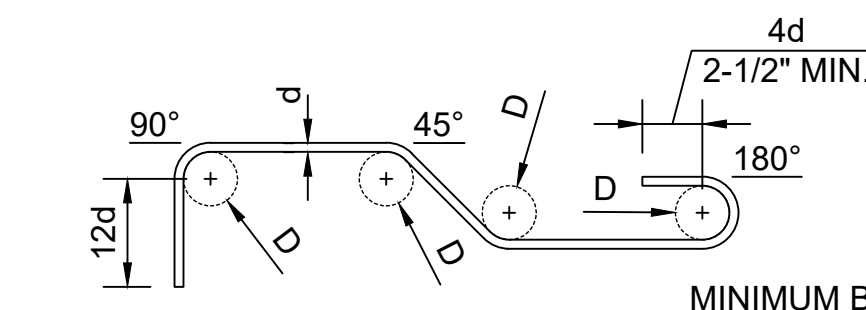


SINGLE LAYER BARS



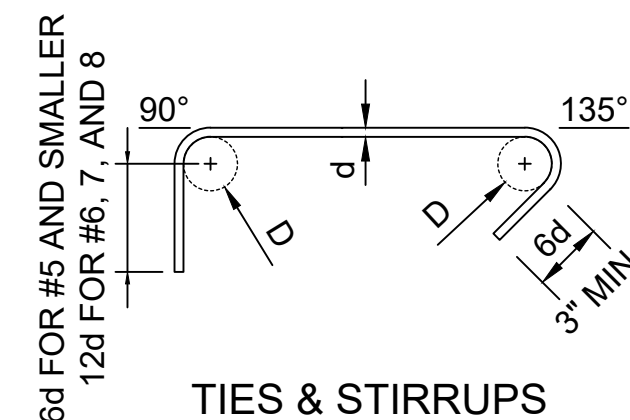
DOUBLE LAYER BARS

1 CORNER REINFORCING AT CONCRETE FOOTINGS
SCALE@22X34 3/8" = 1'-0"



END HOOKS & BENDS

MINIMUM BEND DIAMETER:
D = 6d FOR #3 THRU #8
D = 8d FOR #9 THRU #11
D = 10d FOR #14 THRU #18



TIES & STIRRUPS

NOTE:
ALL HOOKS SHALL BE 90° OR 180° STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED.
MINIMUM BEND DIAMETER:
D = 4d FOR #3 THRU #5
D = 6d FOR #6 THRU #8

2 STANDARD REBAR HOOKS & BENDS
SCALE@22X34 1 1/2" = 1'-0"

ABBREVIATIONS

'	FEET	Ø, D OR DIA	DIAMETER	H	HEIGHT	RC	RELATIVE COMPACTION
" OR IN	INCHES	D	DEPTH	HDG	HOT DIP GALVANIZE	RSP	ROCK SLOPE PROTECTION
&	AND	DBH	DIAMETER AT BREAST HEIGHT	HMA	HOT MIX ASPHALT	S	SOUTH
#	NUMBER OR POUNDS	DI	DRAINAGE INLET, DROP INLET	HOR	HORIZONTAL	S=	SLOPE
(E)	EXISTING	DIAG	DIAGONAL	HW	HEAD WALL	SCD	SEAT COVER DISPENSER
(N)	NEW	DIM	DIMENSION	ID	INSIDE DIAMETER	SCH	SCHEDULE
@	AT	DG	DECOMPOSED GRANITE	IE	INVERT ELEVATION	SCO	SANITARY CLEAN OUT
AB	AGGREGATE BASE	DTL	DETAIL	L	LENGTH	SD	SOAP DISPENSOR
AC	ASPHALTIC CONCRETE	DWG	DRAWING	LAV	LAVATORY	SF	SQUARE FEET
ADA	AMERICAN DISABILITIES ACT	E	EAST	LF	LINEAR FEET	SND	SANITARY NAPKIN DISPOSAL
ADJ	ADJUSTABLE	EA	EACH	LS	LANDSCAPE	SPEC'S	SPECIFICATIONS
AFF	ABOVE FINISH FLOOR	EF	EACH FACE	LVR	LOUVER	SQ	SQUARE
APPROX	APPROXIMATE	EG	EXISTING GRADE ELEVATION	MAX	MAXIMUM	SS	STAINLESS STEEL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	ELV	ELEVATION	MFR	MANUFACTURER	STA	STATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	EOG	EDGE OF GUTTER	MIN	MINIMUM	STD	STANDARD
AWS	AMERICAN WELDING SOCIETY	EP	EDGE OF PAVEMENT	MISC	MISCELLANEOUS	TC	TOP OF CURB ELEVATION
BC	BOTTOM OF CURB ELEVATION	EQ	EQUAL	N	NORTH	TD	TRENCH DRAIN
BLDG	BUILDING	(E)P	EXISTING PAVEMENT ELEVATION	N/A	NOT APPLICABLE	TPD	TOILET PAPER DISPENSER
B.O.	BOTTOM OF	(E)S	EXISTING STAIR ELEVATION	NPT	NATIONAL PIPE TAPER	T.O.	TOP OF
BW	BOTTOM OF WALL ELEVATION	(E)TC	EXISTING TOP OF CURB ELEVATION	NTS	NOT TO SCALE	TW	TOP OF WALL ELEVATION
CL	CENTERLINE	EV	ELECTRONIC VEHICLE	NW	NORMAL WEIGHT	TYP	TYPICAL
C	CONCRETE ELEVATION	EW	EACH WAY	OC	ON CENTER	UL	UNLIMITED
CBC	CALIFORNIA BUILDING CODE	EXP	EXPANSION	OD	OUTSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE
CIP	CAST-IN-PLACE	FF	FINISH FLOOR ELEVATION	P	PAVEMENT ELEVATION	UTIL	UTILITY
CLR	CLEAR	FG	FINISH GRADE	PCC	PORTLAND CEMENT CONCRETE	VIF	VERIFY IN FIELD
CO	CLEAN OUT	FL	FLOW LINE	PT	POINT	W	WATER, WEST, WIDTH
CONC	CONCRETE	FOF	FACE OF FINISH	PTD	PAPER TOWER DISPENSER	WWF	WELDED WIRE FABRIC
CONT	CONTINUOUS	GALV	GALVANIZED	PVC	POLYVINYL CHLORIDE	W/	WITH
CP	CONTROL POINT	GB	GRADE BREAK	R	RADIUS		



FACILITIES AND DEVELOPMENT DIVISION



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REVISIONS	DATE

PESCADERO STATE BEACH - NORTH
VAULT RESTROOM REPLACEMENT
GENERAL NOTES &
ABBREVIATIONS

206279.002

SHEET NO.

G-2

002 OF 038



FACILITIES AND DEVELOPMENT DIVISION



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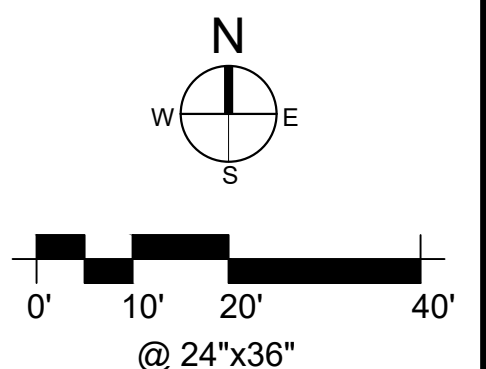
PESCADERO STATE BEACH - NORTH
VAULT RESTROOM REPLACEMENT
OVER ALL SITE PLAN

206279.003

SHEET NO.

G-3

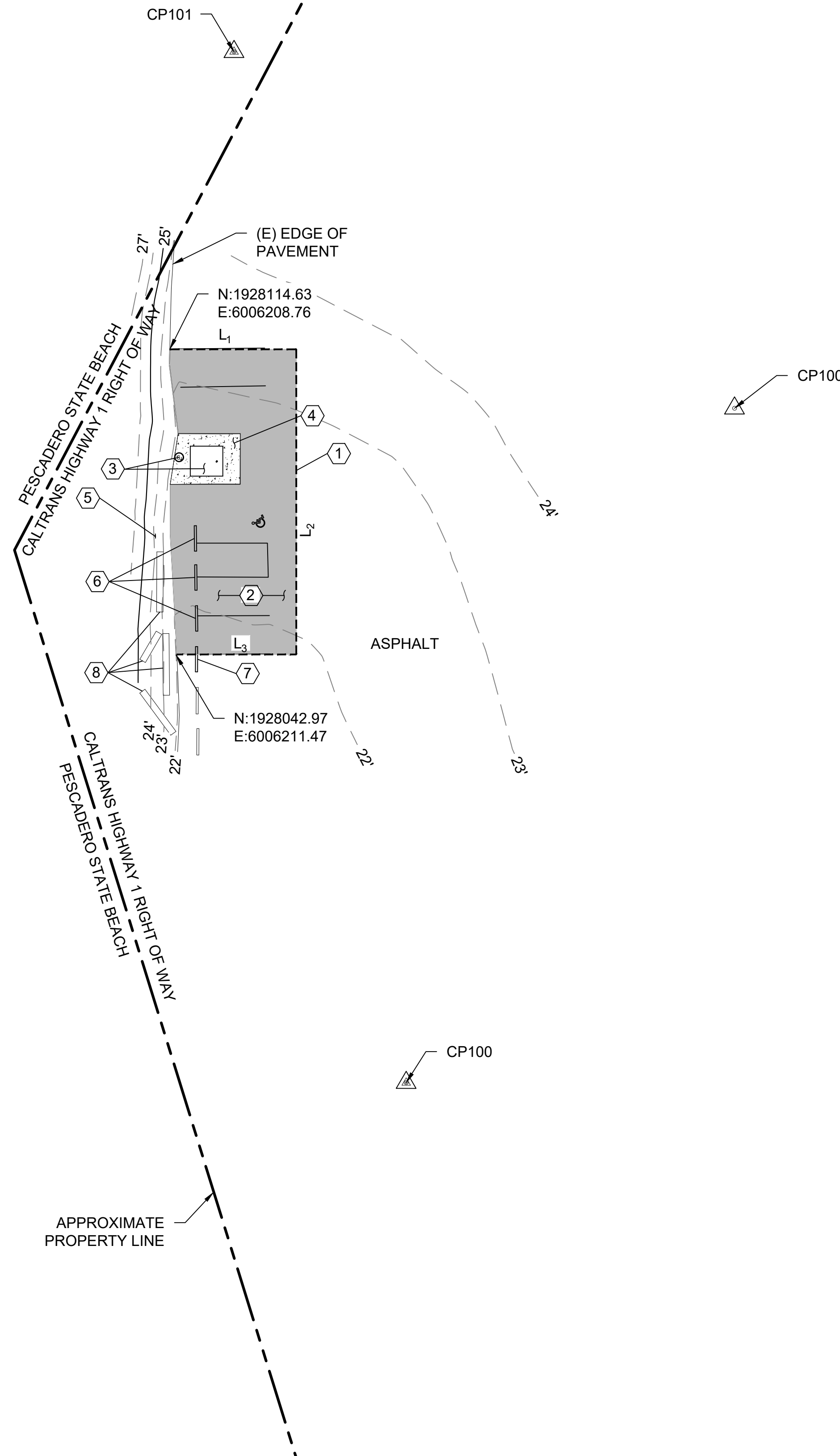
003 OF 038



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File: Q:\santa_cruz_districtwide\206279-sam_mateo_coast_tr_replace\05_drawings\Civil\G-3_LOCATION KEY.dwg Layout: Pescadero-North_Overall SP Date: October 30 2023 - 12:48 pm User: tle

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-13 EXISTING & DEMO PLAN - PESCADERO SB - NORTH.dwg Layout: C-13 Existing Condition & Demo Plan - PESCADERO North Date: October 30 2023 - 1:17 pm User: S(++)



DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT ASPHALT, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ③ PUMP (E) VAULT, REMOVE & DISPOSE OF (E) VAULT TOILET
- ④ REMOVE & DISPOSE (E) CONCRETE, LIMITS PER PLAN
- ⑤ REMOVE & DISPOSE (E) ACCESSIBLE SIGN
- ⑥ REMOVE AND DISPOSE (E) WHEEL STOPS, LIMIT PER PLAN
- ⑦ SALVAGE (E) WHEEL STOPS AND RELOCATE PER NOTE 12 ON C-14
- ⑧ (E) WOOD LOG TO REMAIN (PROTECT IN PLACE)

LEGEND

- ASPHALT DEMOLITION
- CONCRETE DEMOLITION
- (E) STRIPING
- SAWCUT
- SURVEY CONTROL POINT

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1928100.88'	6006340.42'	32.11'	SET SPIKE
CP101	1928183.98'	6006223.74'	25.32'	SET MAG NAIL
CP102	1927943.69'	6006263.87'	22.64'	SET MAG NAIL

LINE	LENGTH	BEARING
L ₁	29.49'	N90°00'00"E
L ₂	71.13'	S00°00'00"W
L ₃	27.84'	S90°00'00"W

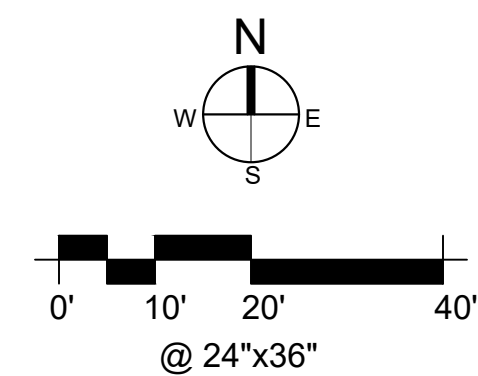
GENERAL NOTES:

- 1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

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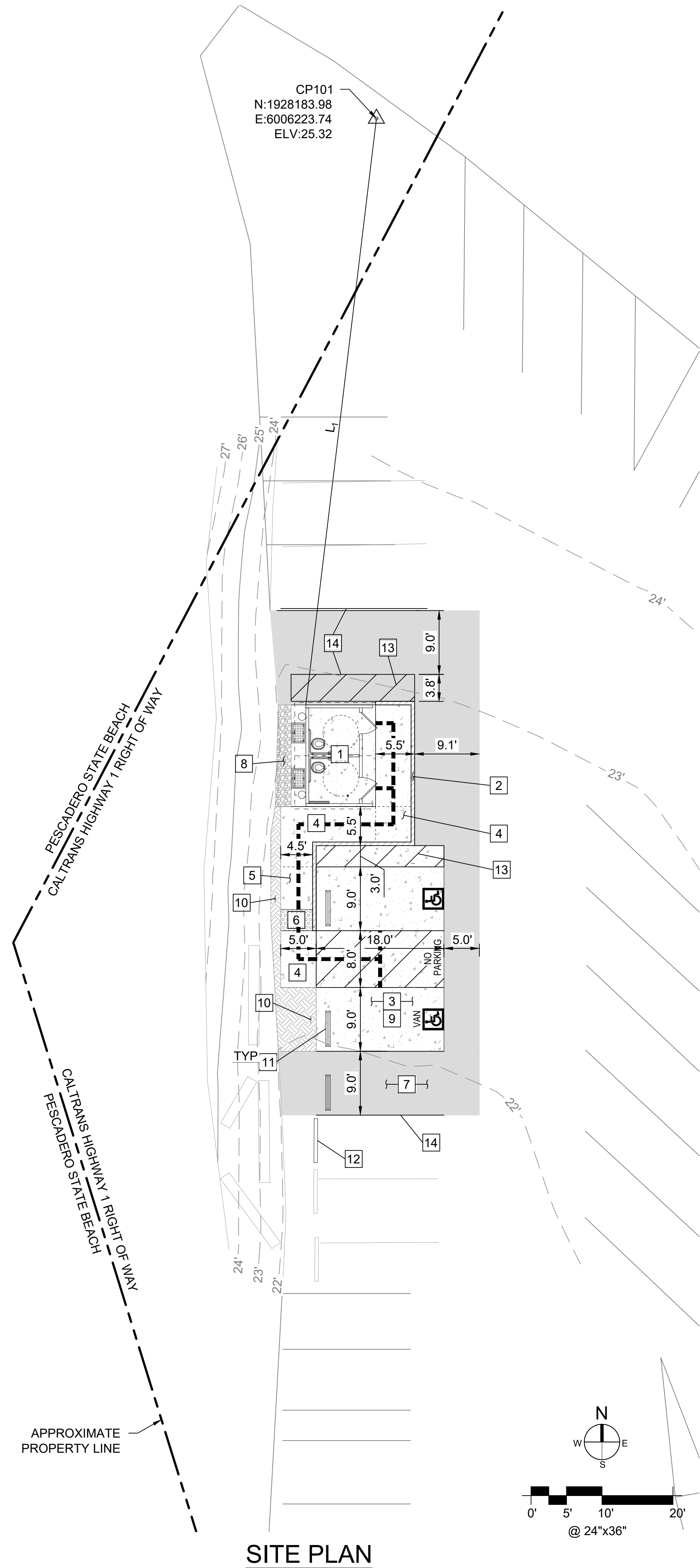
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PESCADERO STATE BEACH -NORTH
 VAULT RESTROOM REPLACEMENT
EXISTING CONDITION & DEMO PLAN

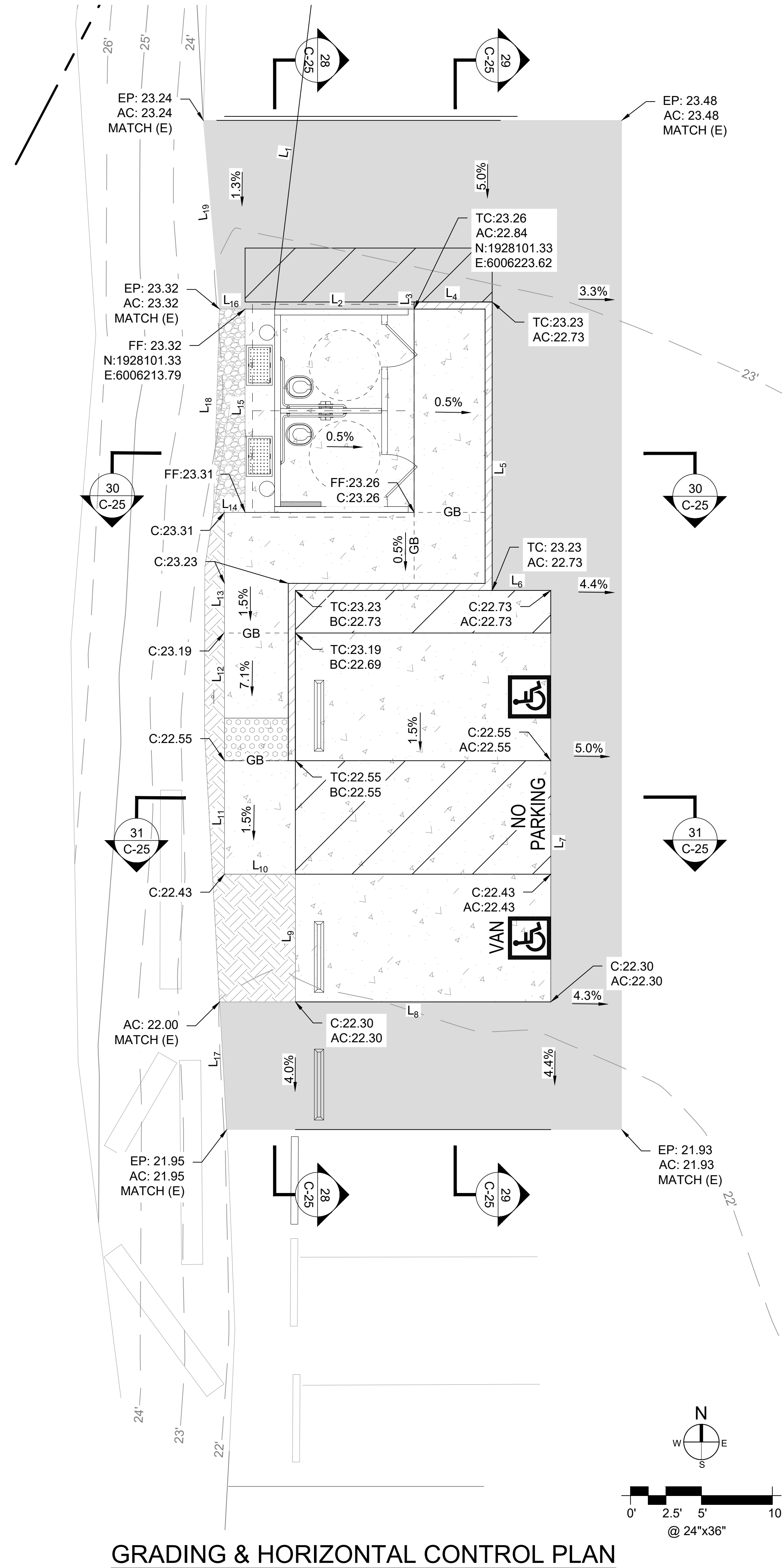
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SHEET NO.
C-13
016 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-9 SITE PLAN - POMPONIO SB.dwg Layout: C-9 SITE PLAN - POMPONIO SB Date: June 22 2023 - 1:03 pm User: tie



SITE PLAN



GRADING & HORIZONTAL CONTROL PLAN

CONSTRUCTION NOTES

1. INSTALL A DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON C-34, REFER TO DTL 28, 30 ON C-25
2. CONSTRUCT 6" CIP CONC CURB PER DTL 3 ON C-29 & REFER TO DTL 29, 30 ON C-25
3. CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-29, REFER TO DTL 29, 31 ON C-25, 1.5% MAX SLOPE ANY DIRECTION
4. CONSTRUCT 5" PCC ON 12" CLASS 2 AB CONC SIDEWALK PER DTL 2 ON C-29, REFER TO DTL 28 - 31 ON C-25, LANDING 1.5% MAX SLOPE ANY DIRECTION.
5. CONSTRUCT CIP CONC CURB RAMP PER DTL 7 ON C-29, REFER TO DTL 28 ON C-25, SLOPE LIMIT PER PLAN.
6. INSTALL 3'Dx4.5'W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-28 & REFER TO DTL 28 ON C-25
7. INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN, PER TO DTL 5 ON C-29, REFER TO DTL 29, 31 ON C-25
8. INSTALL 6" OF AGGREGATE BASE PER DTL 13 ON C-29, REFER TO DTL 30 ON C-25
9. INSTALL ACCESSIBLE PARKING STALL PER DTL 1 ON C-28
10. INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-28
11. INSTALL WHEEL STOP PER DTL 9 ON C-28
12. RELOCATE (E) WHEEL STOP PER PLAN
13. CONSTRUCT 4" WIDE STRIPE, 3-FT OC
14. CONSTRUCT 4" WIDE WHITE STRIPE PARKING

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) CONCRETE CURB
- (N) AGGREGATE PAVING
- (N) TRUNCATED DOME
- FILL SOIL
- ACCESSIBLE PATH OF TRAVEL
- SURVEY CONTROL POINT

LINE TABLE

LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L ₁	83.26'	S06°51'46"W	L ₁₁	8.00'	N00°00'00"E
L ₂	9.83'	S90°00'00"E	L ₁₂	9.00'	N00°00'00"E
L ₃	0.50'	N90°00'00"E	L ₁₃	8.50'	N00°00'00"E
L ₄	5.5'	N90°00'00"E	L ₁₄	1.45'	N00°00'00"E
L ₅	20.33'	S00°00'00"E	L ₁₅	14.33'	N00°00'00"W
L ₆	4.13'	N90°00'00"E	L ₁₆	1.80'	N90°00'00"W
L ₇	29.00'	S00°00'00"E	L ₁₇	9.01'	N03°12'40"W
L ₈	18.00'	S90°00'00"W	L ₁₈	14.34'	N01°44'33"E
L ₉	9.00'	N00°00'00"E	L ₁₉	13.35'	N04°54'21"W
L ₁₀	5.00'	N90°00'00"W			

GENERAL NOTES:

1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

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PESCADERO STATE BEACH - NORTH
VAULT RESTROOM REPLACEMENT
PAVING, HORIZONTAL CONTROL &
GRADING PLAN

206279.017

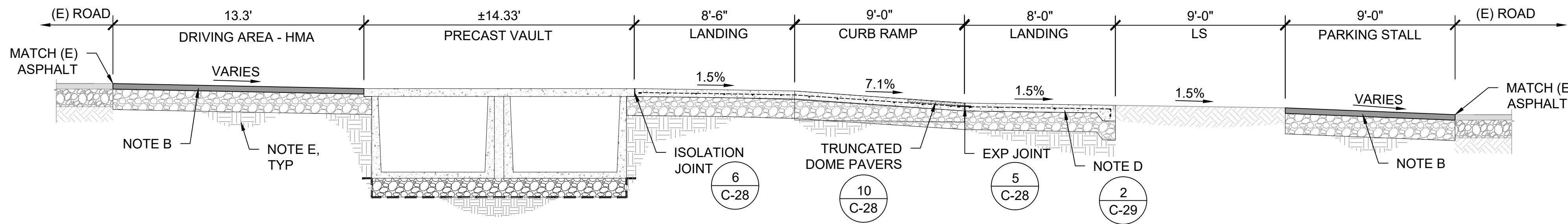
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C-14

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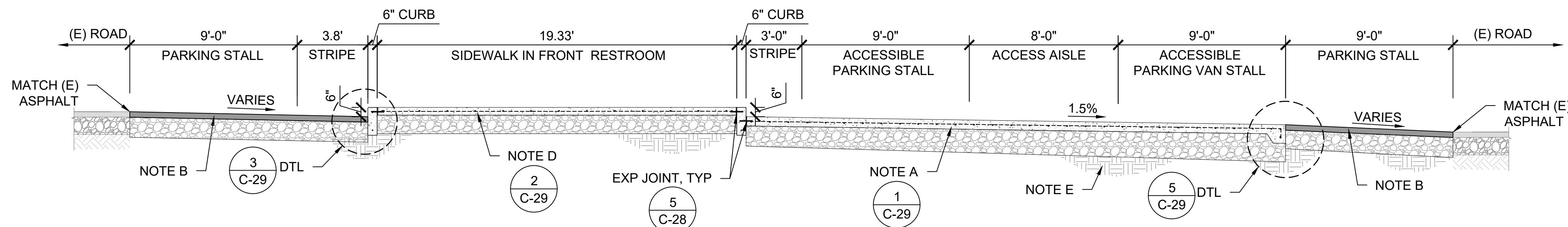


FACILITIES AND DEVELOPMENT DIVISION



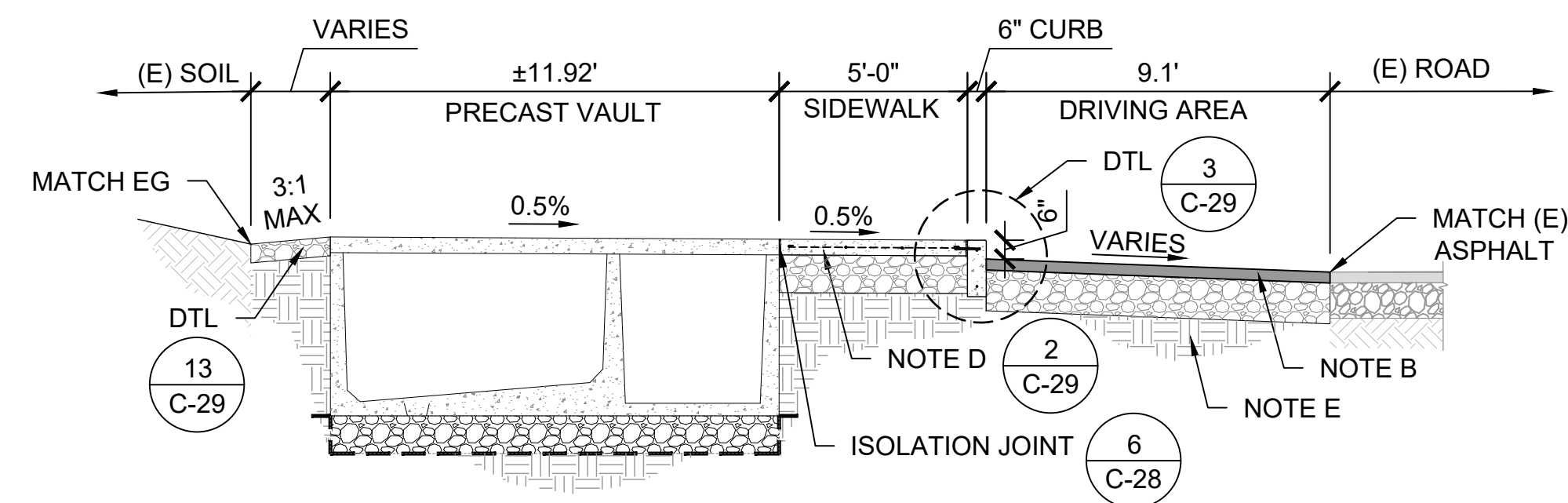
28 GRADING & PAVING SECTION - PESCADERO SB-NORTH

SCALE@22X34 1/4" = 1'-0"



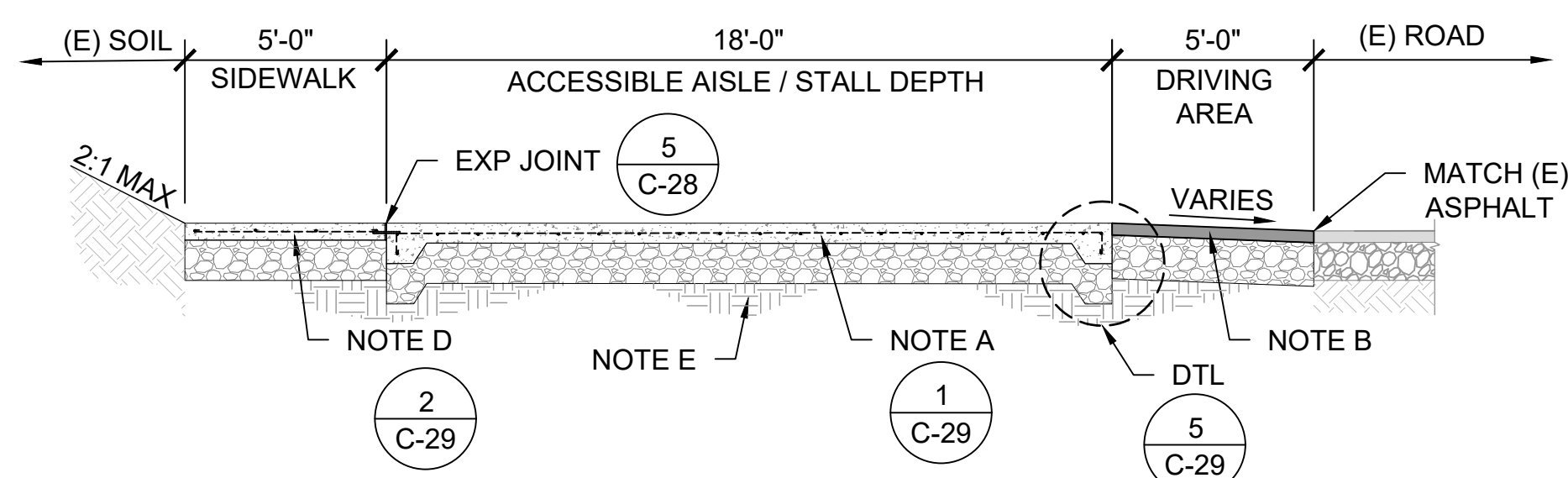
29 GRADING & PAVING SECTION - PESCADERO SB-NORTH

SCALE@22X34 1/4" = 1'-0"



30 GRADING & PAVING SECTION - PESCADERO SB-NORTH

SCALE@22X34 1/4" = 1'-0"



31 GRADING & PAVING SECTION - PESCADERO SB-NORTH

SCALE@22X34 1/4" = 1'-0"

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- D. 5" PCC ON CLASS 2 AB, PER GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-29, REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-29.
- F. 6" AGGREGATE PAVING ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
- G. GRADING PER PLAN SHEET C-2 THROUGH C-21
- H. SOIL CONDITIONS VARY AT EACH SITE LOCATION, SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
 - PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
 - CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
 - SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022 AND REVISED JANUARY 5, 2023



DPR ACCESS COMPLIANCE REVIEW
 ACCESSIBILITY SECTION
 CERTIFICATION #
 Reviewed by Date
 ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: TL
 DRAWN: TL
 CHECKED: KR & MP
 DATE: OCTOBER 2023

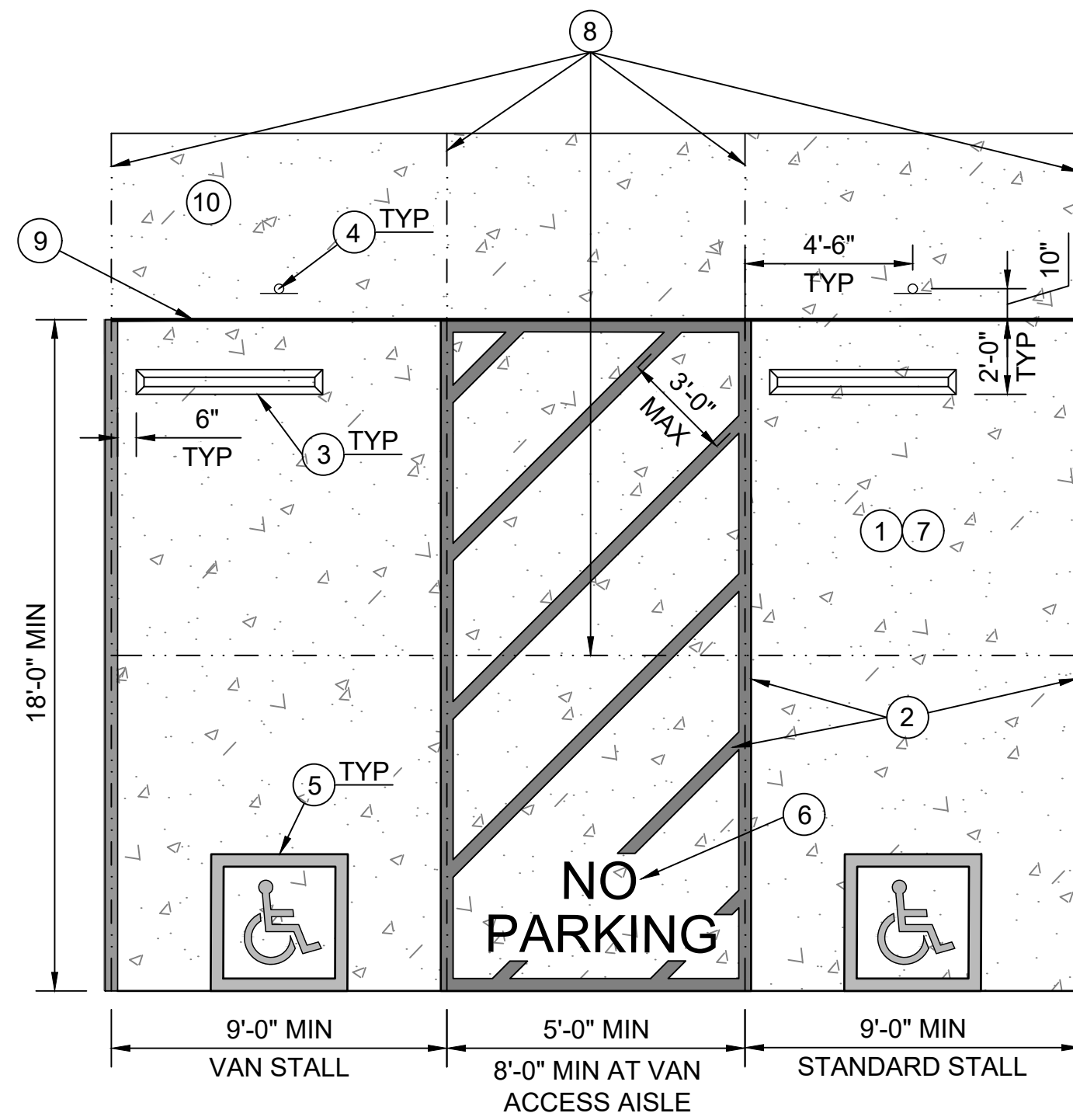
REVISIONS	DATE

PESCADERO STATE BEACH - NORTH
 VAULT RESTROOM REPLACEMENT
 GRADING & PAVING SECTIONS 4

206279.028

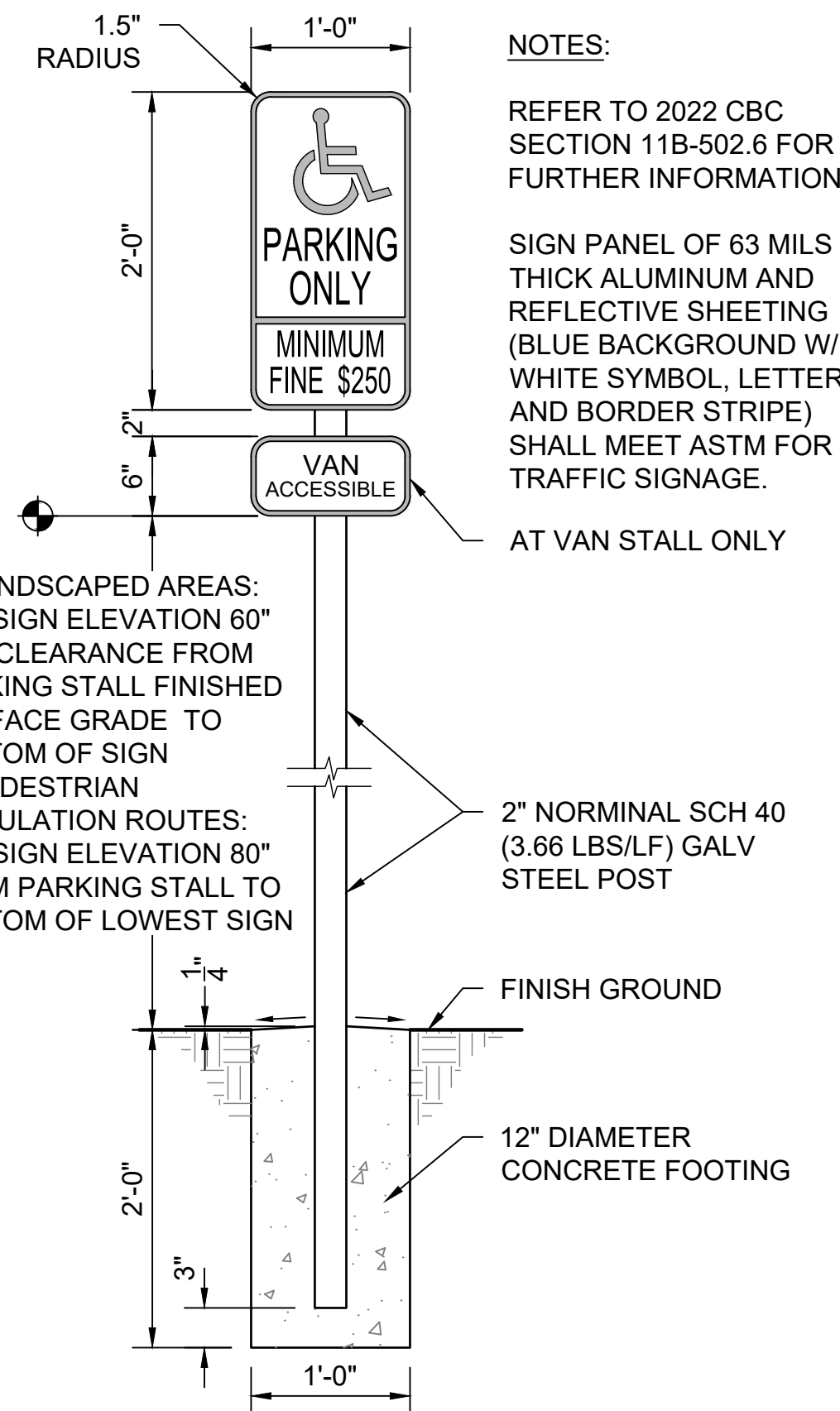
SHEET NO.
C-25
 028 OF 038

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_it_replacement\05_drawings\Civil\C-28 ACCESSIBLE PARKING & CONCRETE JOINT DETAILS.dwg Layout: C-28 ADA Parking & Conc Joint Dets_Pescadero-N Date: October 30 2023 - 12:26 pm User: tte



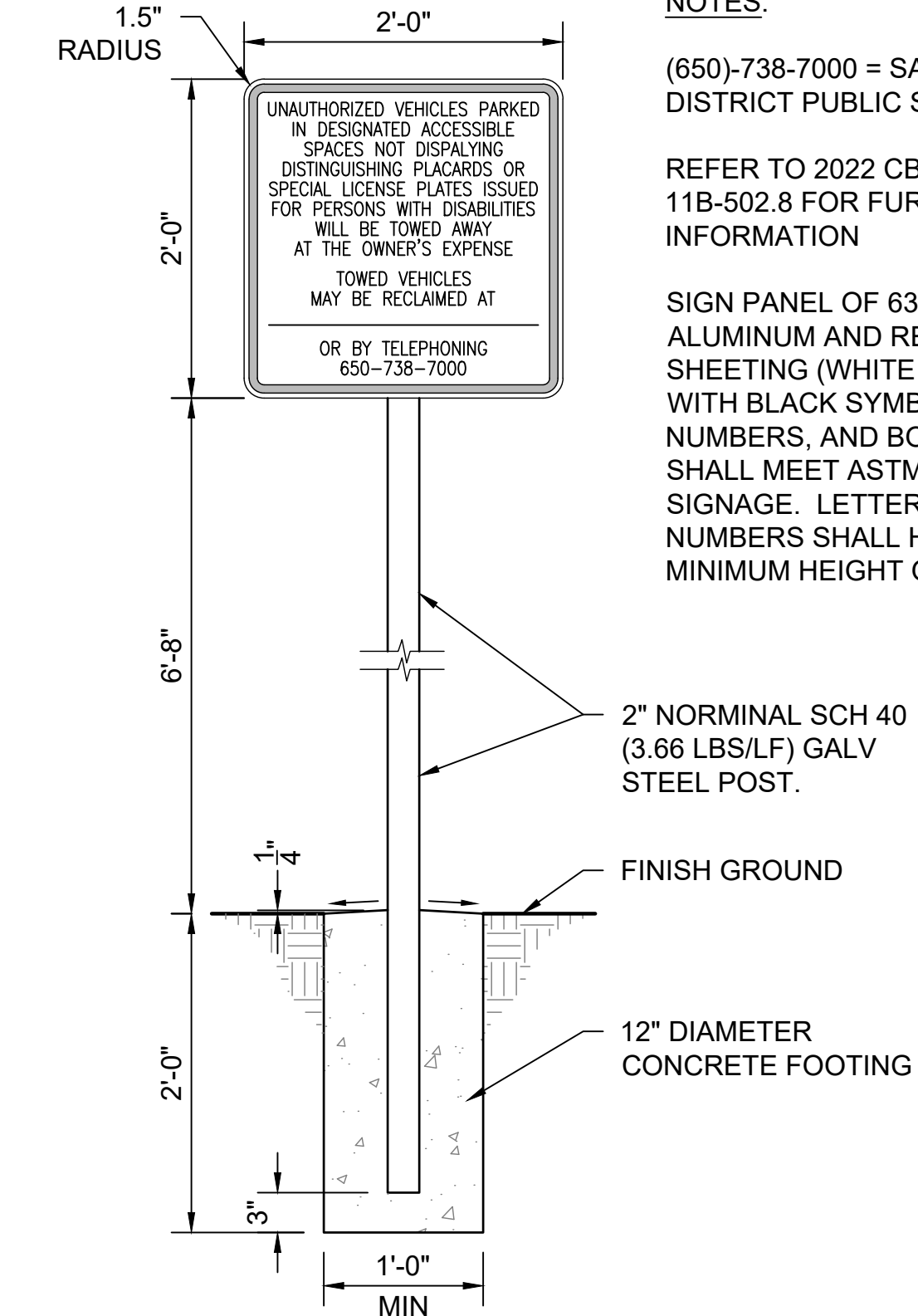
- NOTES:**
- PARKING PAD TO BE CIP CONC PER DETAIL 1 ON SHEET C-29
 - 4" WIDE PAINTED BLUE LINES, TYP 45 DEGREE LINES SHALL BE 36" MAX OC
 - INSTALL CONC WHEEL STOPS PER DETAIL 9 ON THIS SHEET
 - INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 2 ON THIS SHEET
 - INSTALL ACCESSIBLE SYMBOL PER DETAIL 4 ON THIS SHEET
 - "NO PARKING" TEXT SHALL BE PAINTED ON THE GROUND IN WHITE PAINT NO LESS THAN 12 INCHES PER CBC SECTION 11B.502.3.3 "MARKING"
 - ACCESSIBLE PARKING STALLS TO HAVE A MAX 1.8% SLOPE IN ANY DIRECTION, REFER TO 2022 CBC SECTION 11B-502 FOR FURTHER INFORMATION.
 - CONTRACTION JOINTS PLACED IN SAME LOCATION AS PARKING STALL JOINTS, AND PLACED AT MIDWAY OF STALL, PER DETAIL 7 ON THIS SHEET
 - EXPANSION JOINT PER DETAIL 5 ON THIS SHEET
 - SIDE WALK TO BE CIP CONC PER DETAIL 2 ON SHEET C-29

1 ACCESSIBLE PARKING STALLS - TYPICAL
SCALE@22X34 1/4" = 1'-0"



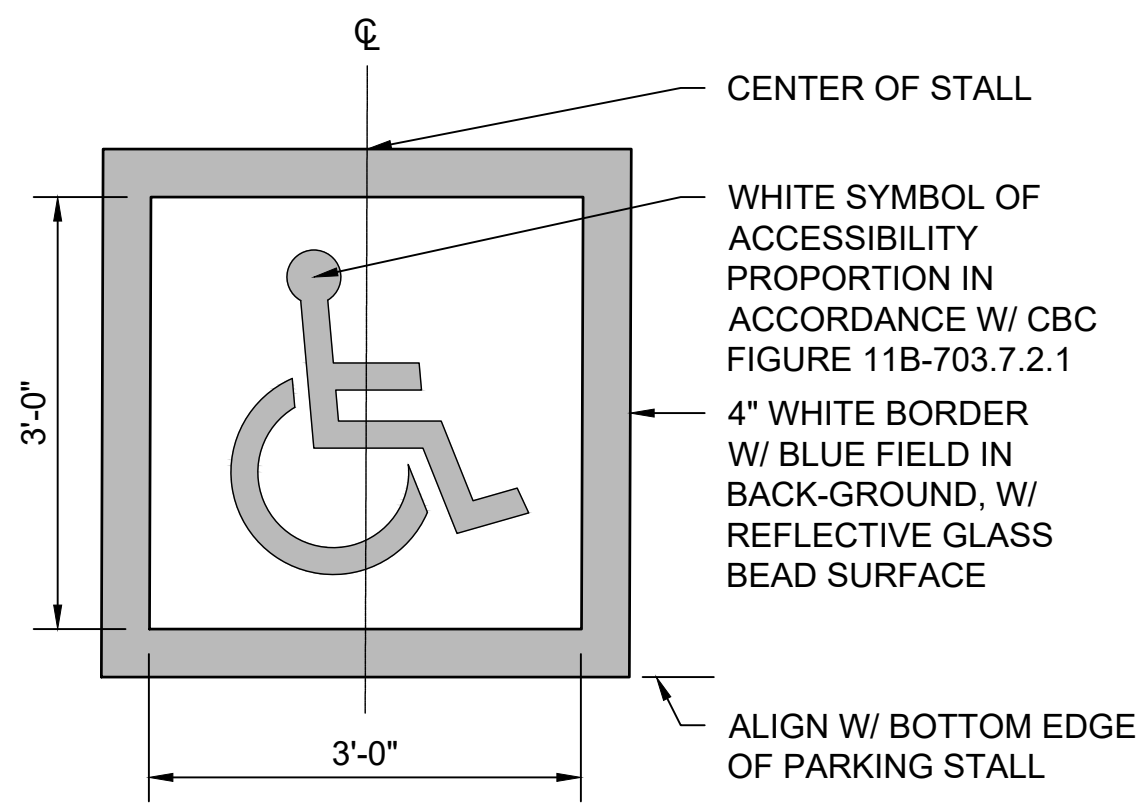
- NOTES:**
- REFER TO 2022 CBC SECTION 11B-502.6 FOR FURTHER INFORMATION
 - SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (BLUE BACKGROUND W/ WHITE SYMBOL, LETTERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE.
 - AT VAN STALL ONLY

2 ACCESSIBLE PARKING SIGN
SCALE@22X34 1" = 1'-0"

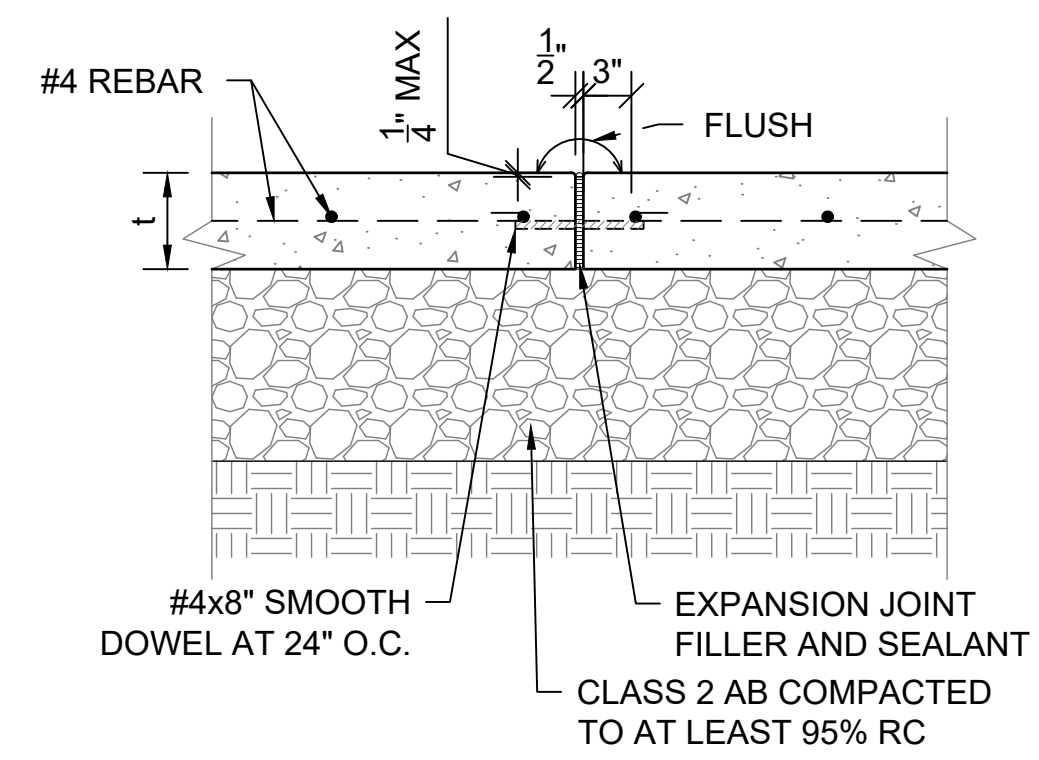


- NOTES:**
- (650)-738-7000 = SAN MATEO DISTRICT PUBLIC SAFETY OFFICE
 - REFER TO 2022 CBC SECTION 11B-502.8 FOR FURTHER INFORMATION
 - SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (WHITE BACKGROUND WITH BLACK SYMBOL, LETTERS, NUMBERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE. LETTERS AND NUMBERS SHALL HAVE A MINIMUM HEIGHT OF 1".

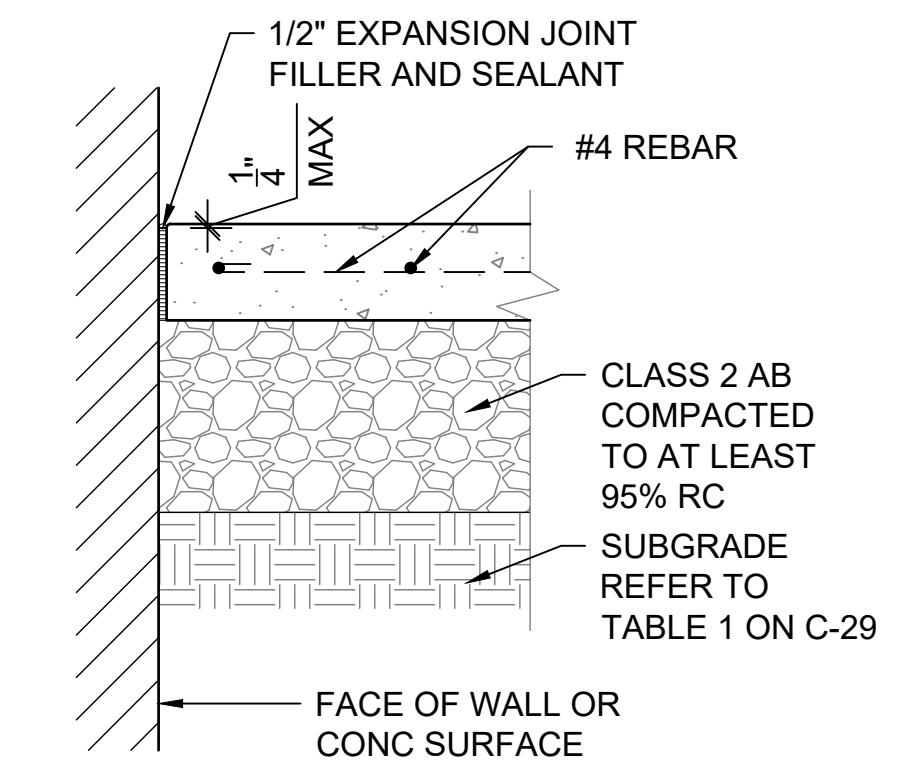
3 TOW-AWAY SIGN
SCALE@22X34 1" = 1'-0"



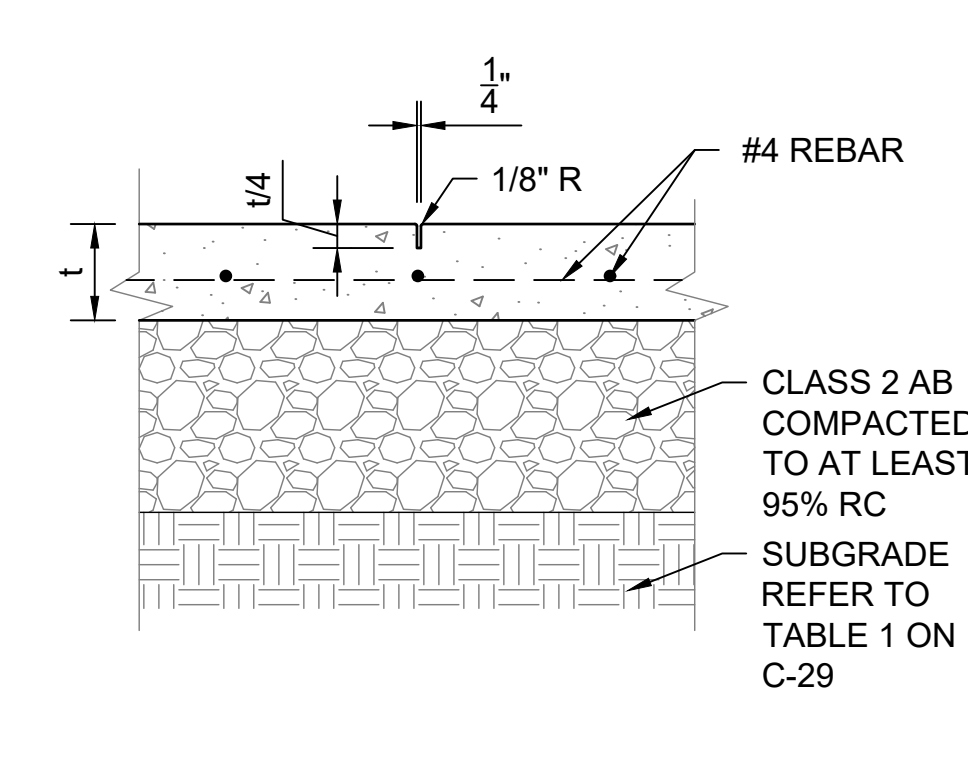
4 INTERNATIONAL SYMBOL OF ACCESSIBILITY
SCALE@22X34 3/4" = 1'-0"



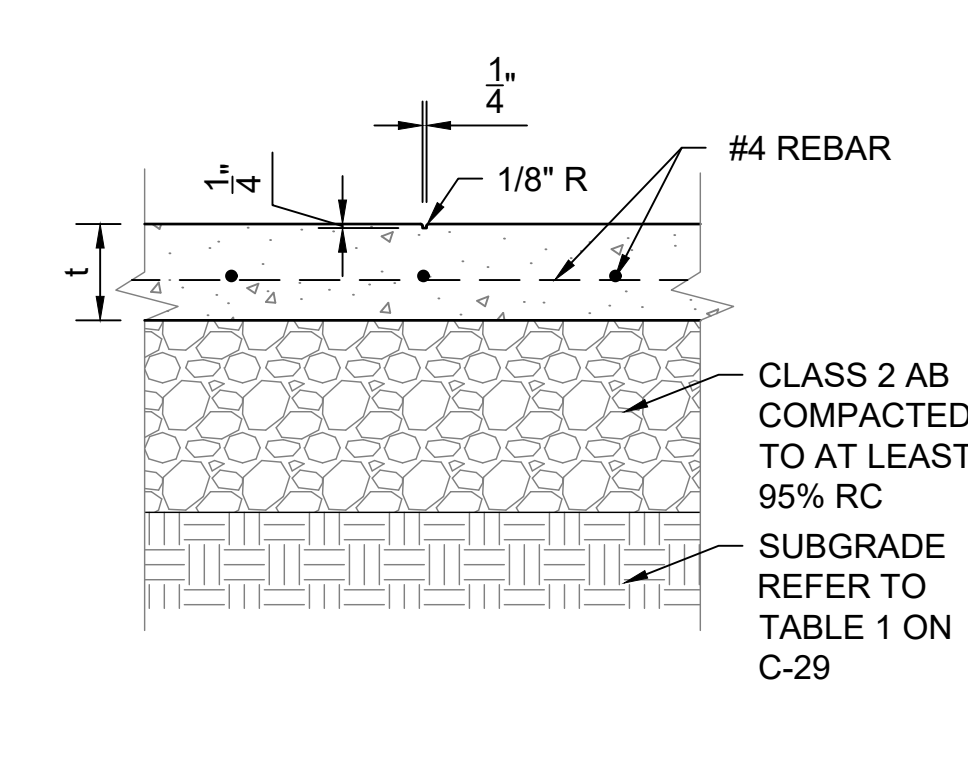
5 EXPANSION JOINT
SCALE@22X34 1" = 1'-0"



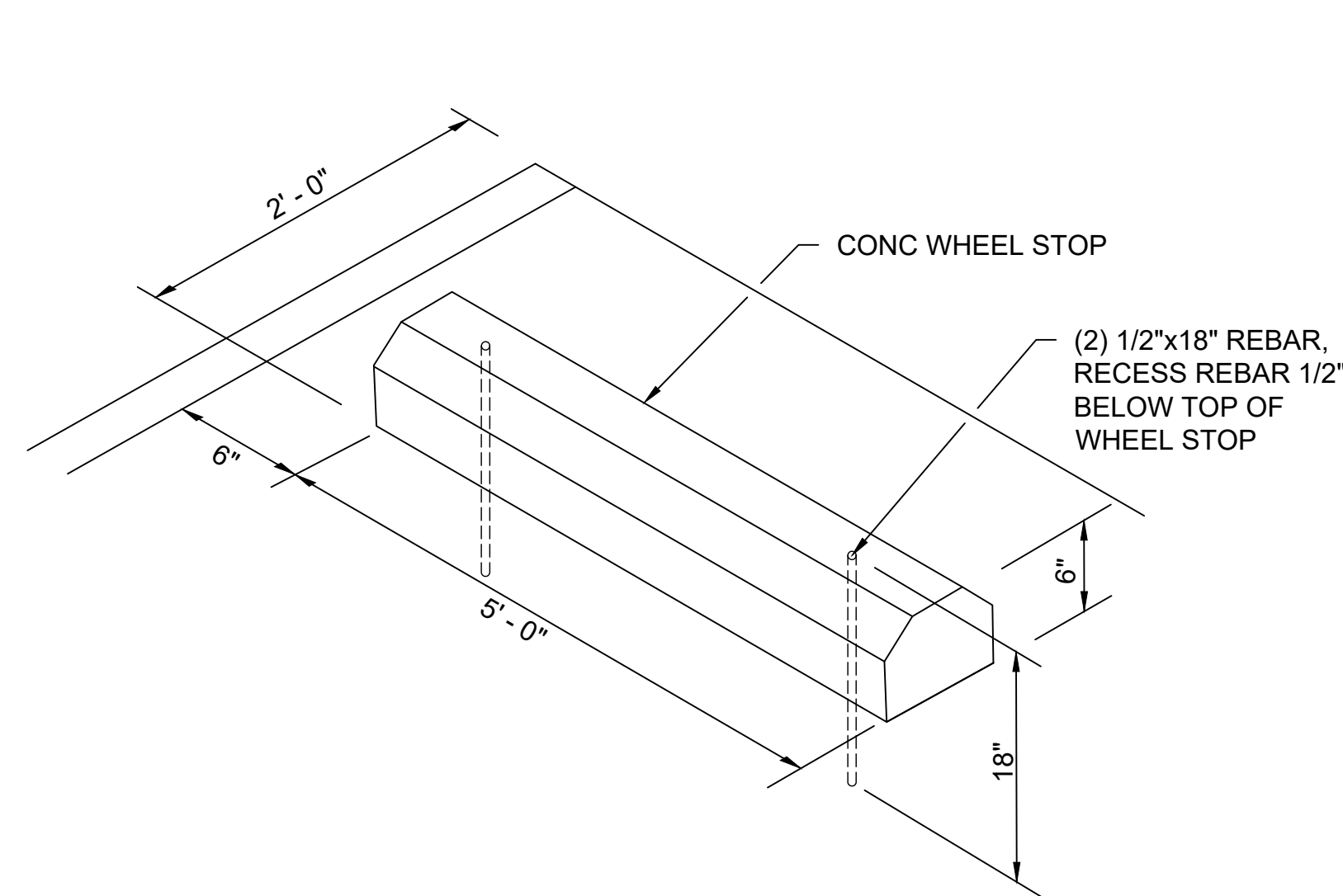
6 ISOLATION JOINT
SCALE@22X34 1" = 1'-0"



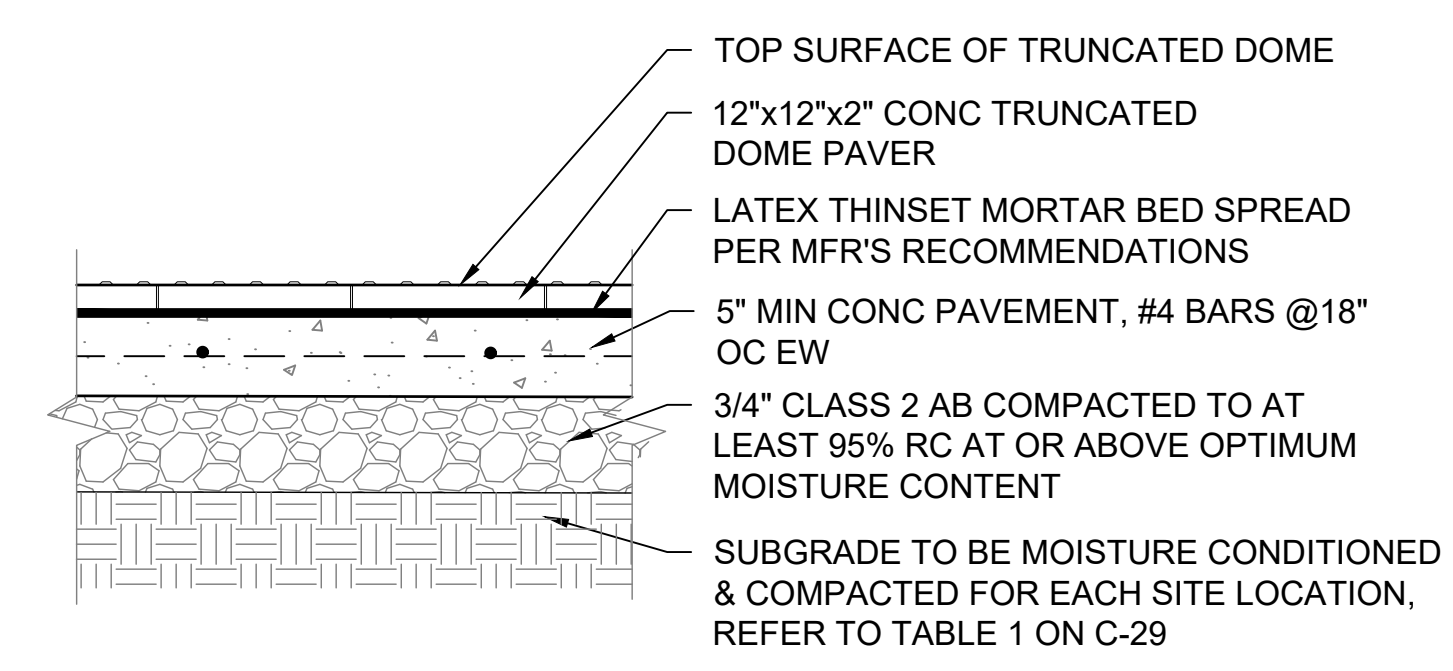
7 CONTRACTION JOINT
SCALE@22X34 1" = 1'-0"



8 SCORE JOINT
SCALE@22X34 1" = 1'-0"



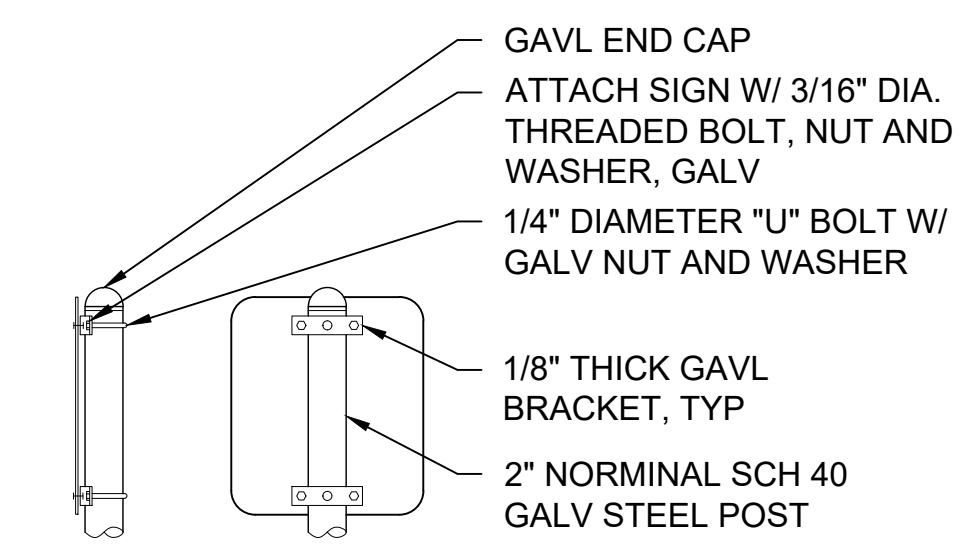
9 CONCRETE WHEEL STOP
SCALE@22X34 1" = 1'-0"



- NOTES:**
- CONC SLAB SHALL BE SLOPED TO PROVIDE COMPLETE SURFACE DRAINAGE.
 - SEE SPECIFICATION FOR CONC PAVING FINISH
 - SWEEP JOINTS WITH SAND OR GROUT
 - TRUNCATED DOME PAVER TO BE WAUSAU DOME TILE/ADA-50 OR EQUAL.
 - TRUNCATED DOME PAVER SHALL MEET FLUSH W/ ADJACENT FINISH SURFACE.
 - TRUNCATED DOME PAVER SHALL COMPLY W/ CBC 2022 SECTION 11B-705.1 THROUGH 705.1.1.3.2

10 TRUNCATED DOME PAVER
SCALE@22X34 1" = 1'-0"

- NOTES:**
- "VAN ACCESSIBLE" PARKING STALL SIGN SHALL BE INSTALLED AT LOCATION SHOWN ON DETAIL 1 THIS SHEET
 - CENTER SIGNS ON PARKING STALLS
 - VERIFY SIGN LOCATION PRIOR TO INSTALLATION WITH THE STATE REPRESENTATIVE
 - BORDER SYMBOLS AND LETTERING TO BE REFLECTIVE



SIDE VIEW BACK VIEW

11 SIGN INSTALLATION
SCALE@22X34 1" = 1'-0"



DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION

CERTIFICATION # _____

Reviewed by _____ Date _____

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DESIGNED: _____ TL

DRAWN: _____ TL

CHECKED: _____ KR & MP

DATE: _____ OCTOBER 2023

REVISIONS	DATE

PESCADERO STATE BEACH - NORTH VAULT RESTROOM REPLACEMENT

ACCESSIBLE PARKING & CONCRETE JOINT DETAILS

206279.031

SHEET NO.
C-28
031 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
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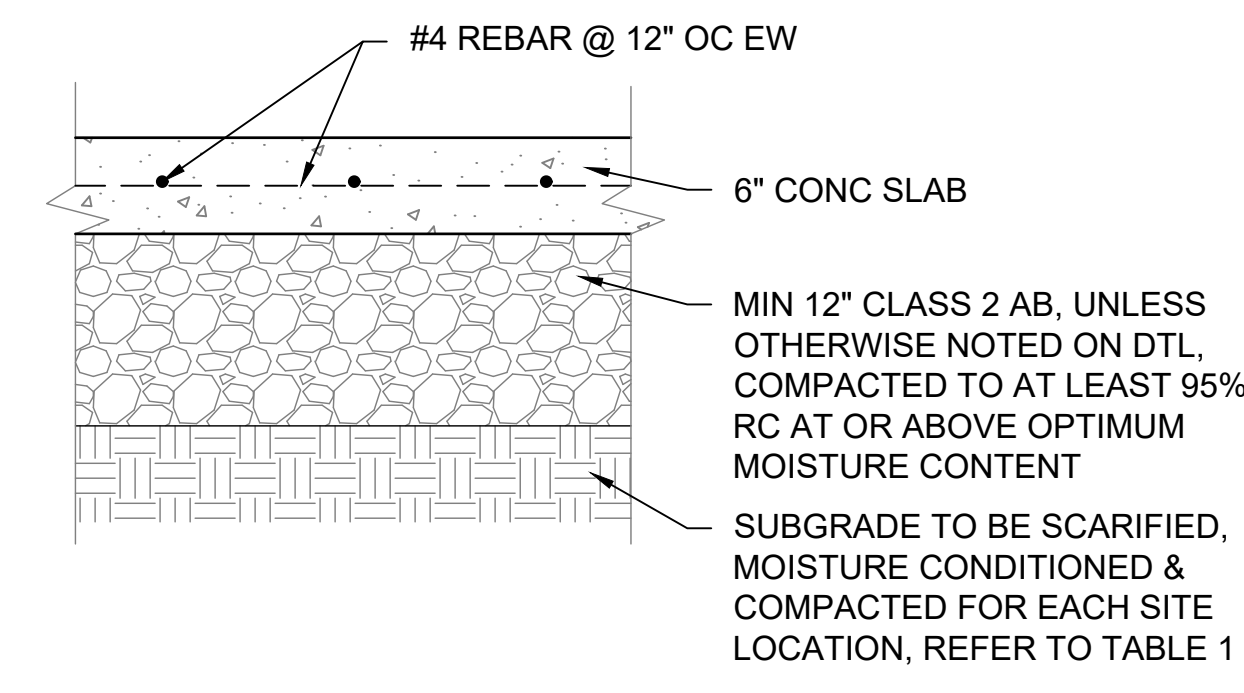
DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

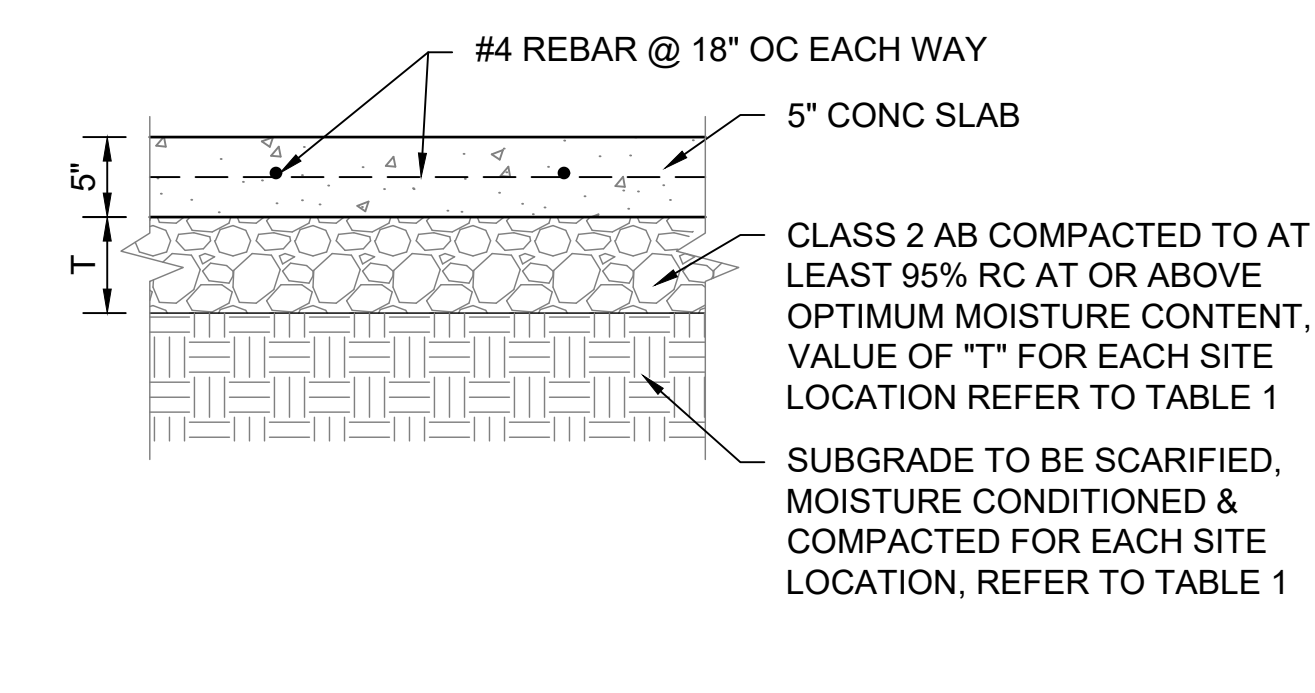
PESCADERO STATE BEACH - NORTH
VAULT RESTROOM REPLACEMENT
SITE PAVING DETAILS

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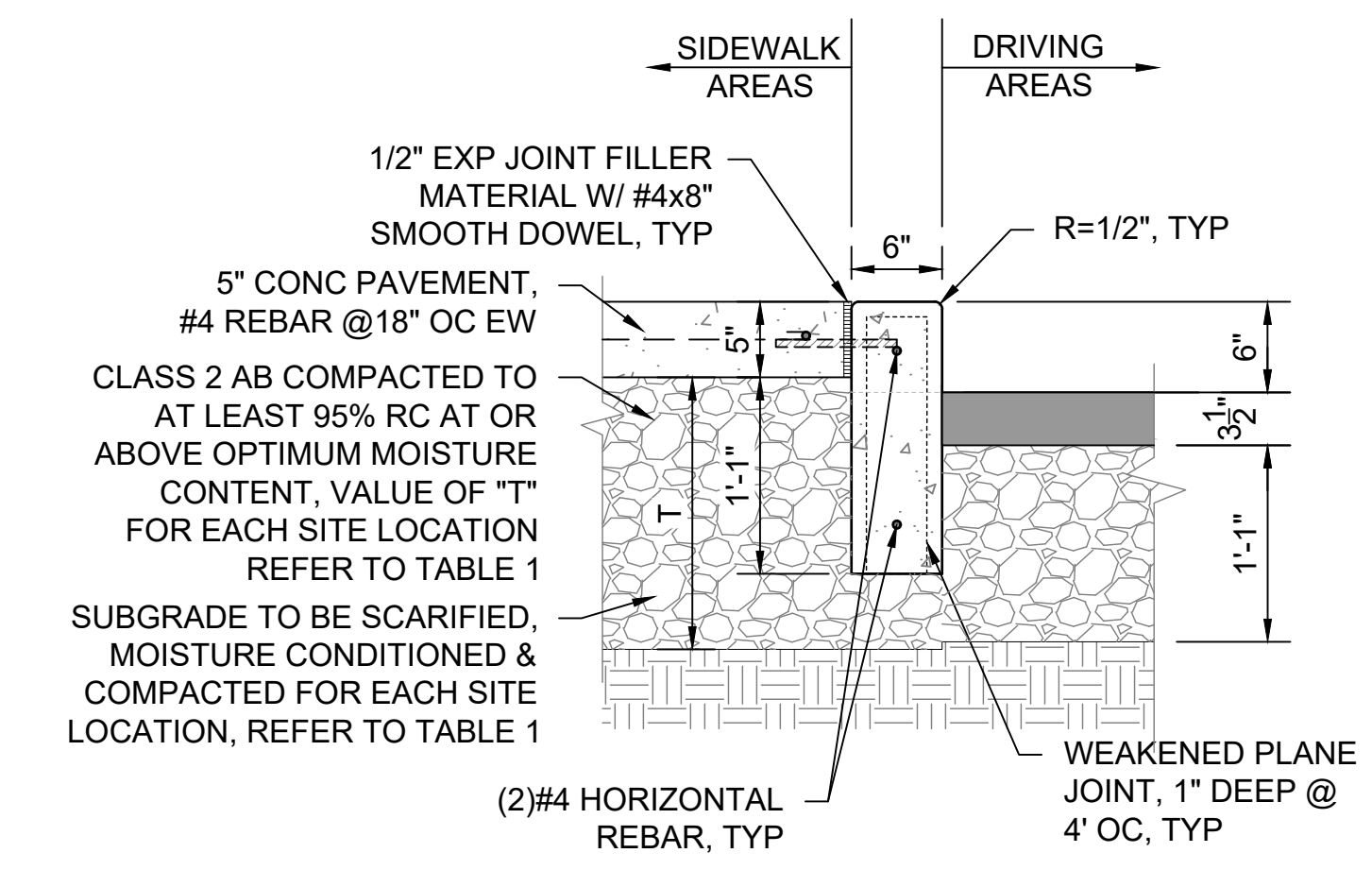
SHEET NO.
C-29
032 OF 038



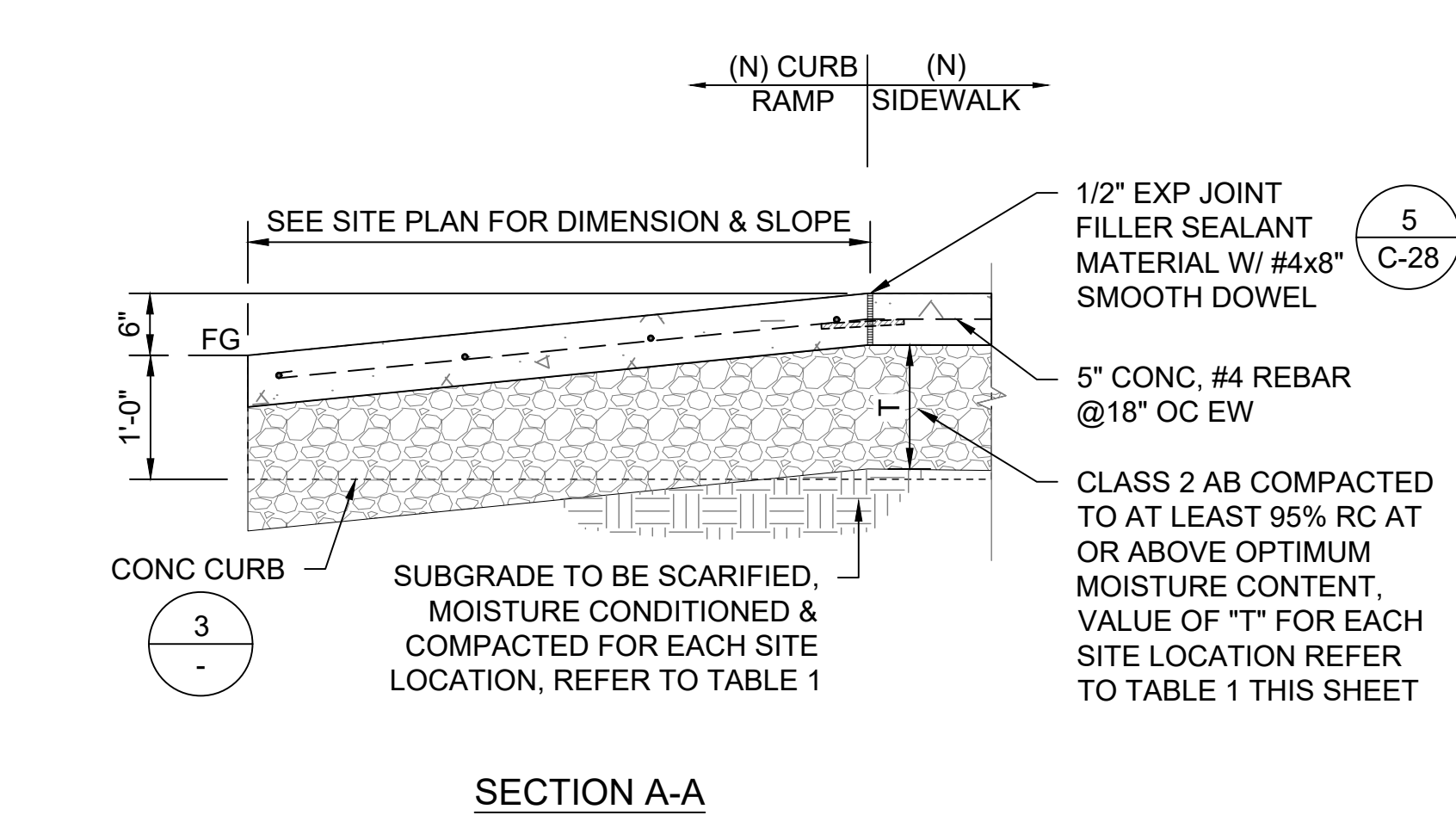
1 CONCRETE PARKING & DRIVING SLAB
SCALE@22X34 1" = 1'-0"



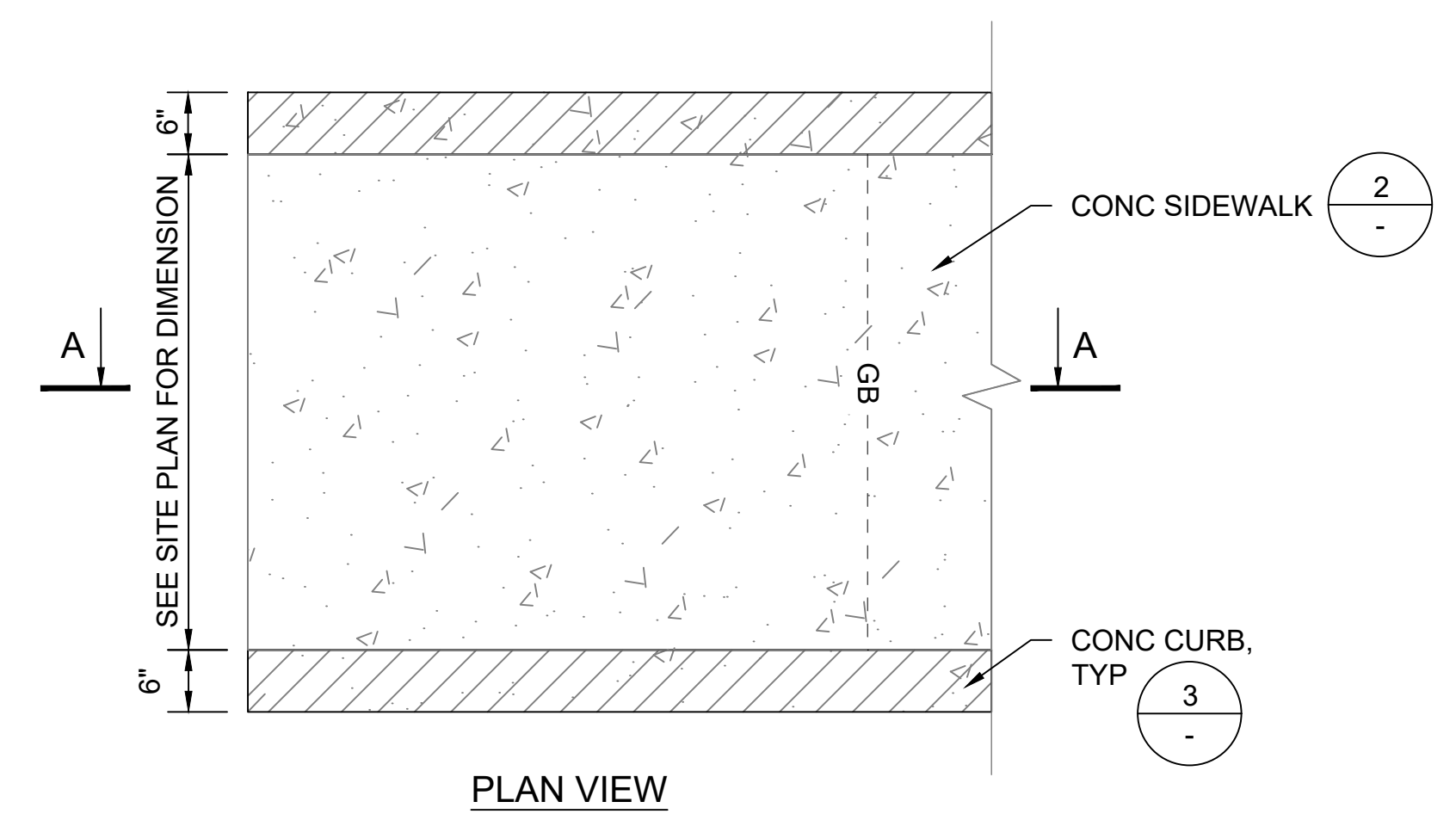
2 CONCRETE SIDEWALK & PICNIC PAD
SCALE@22X34 1" = 1'-0"



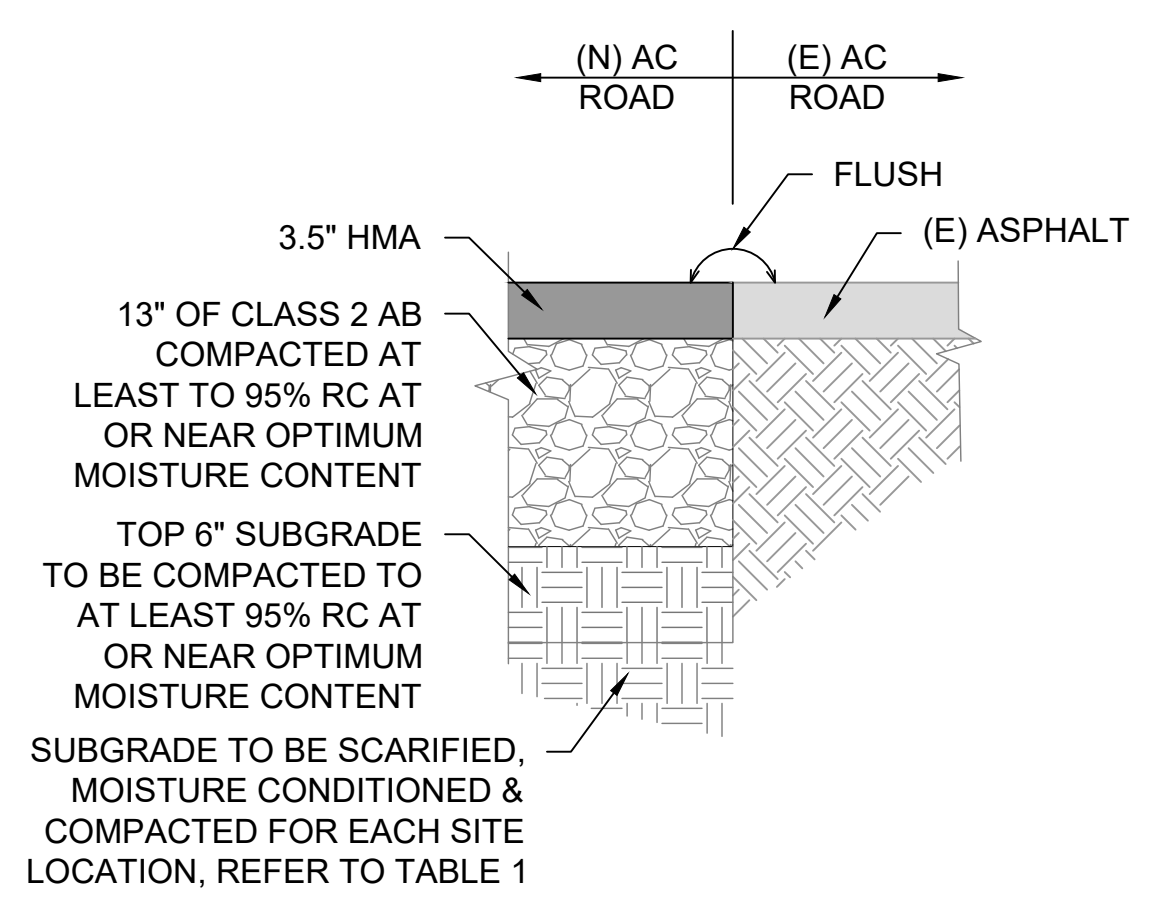
3 CONCRETE CURB
SCALE@22X34 1" = 1'-0"



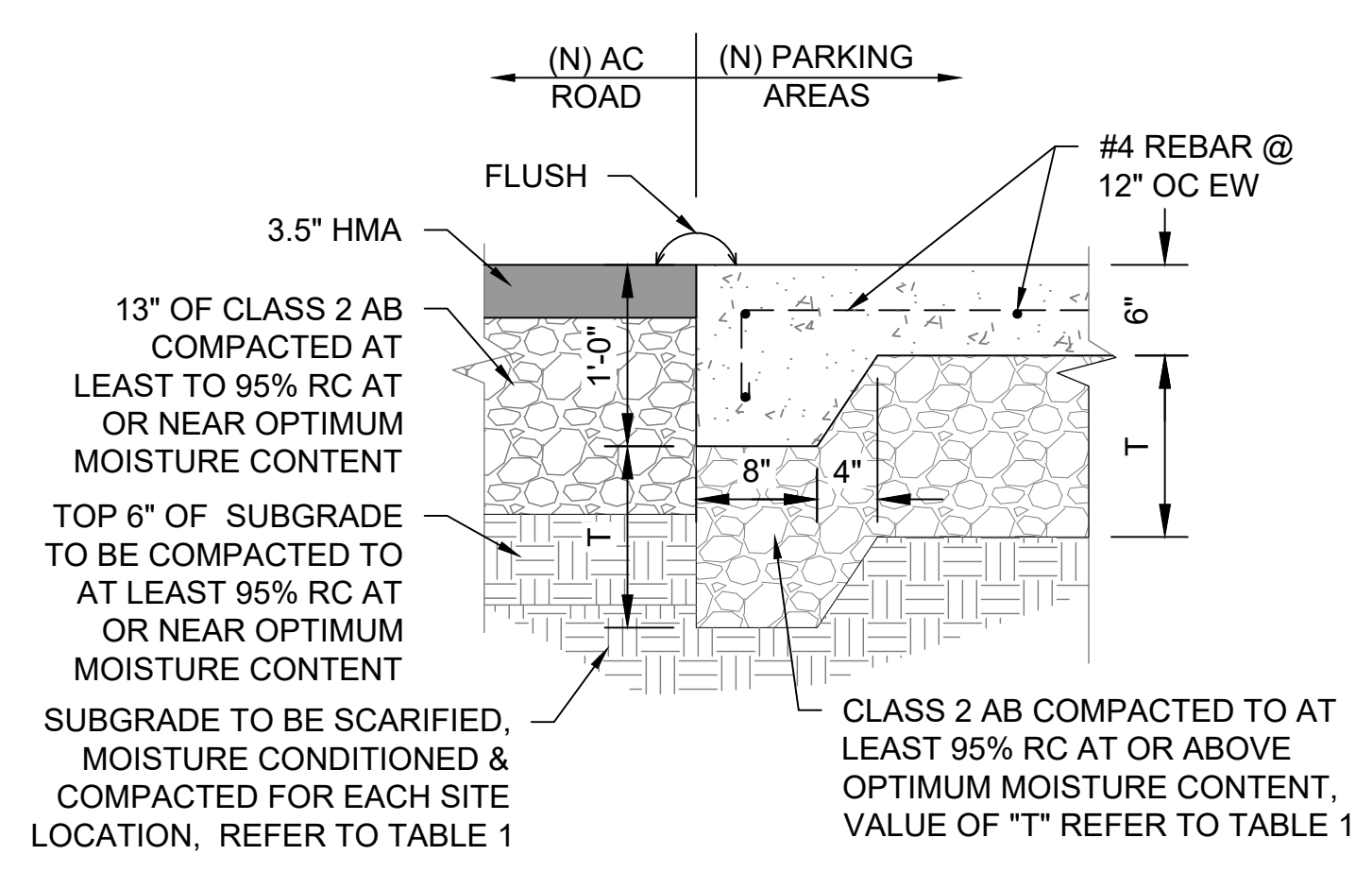
SECTION A-A



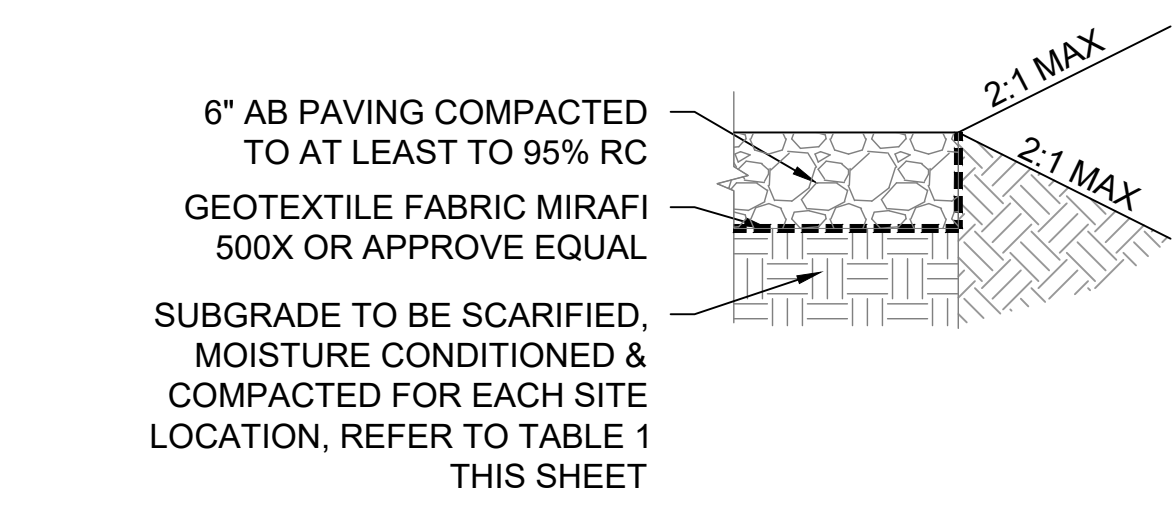
PLAN VIEW



4 (N) AC TO (E) AC PAVING
SCALE@22X34 1" = 1'-0"

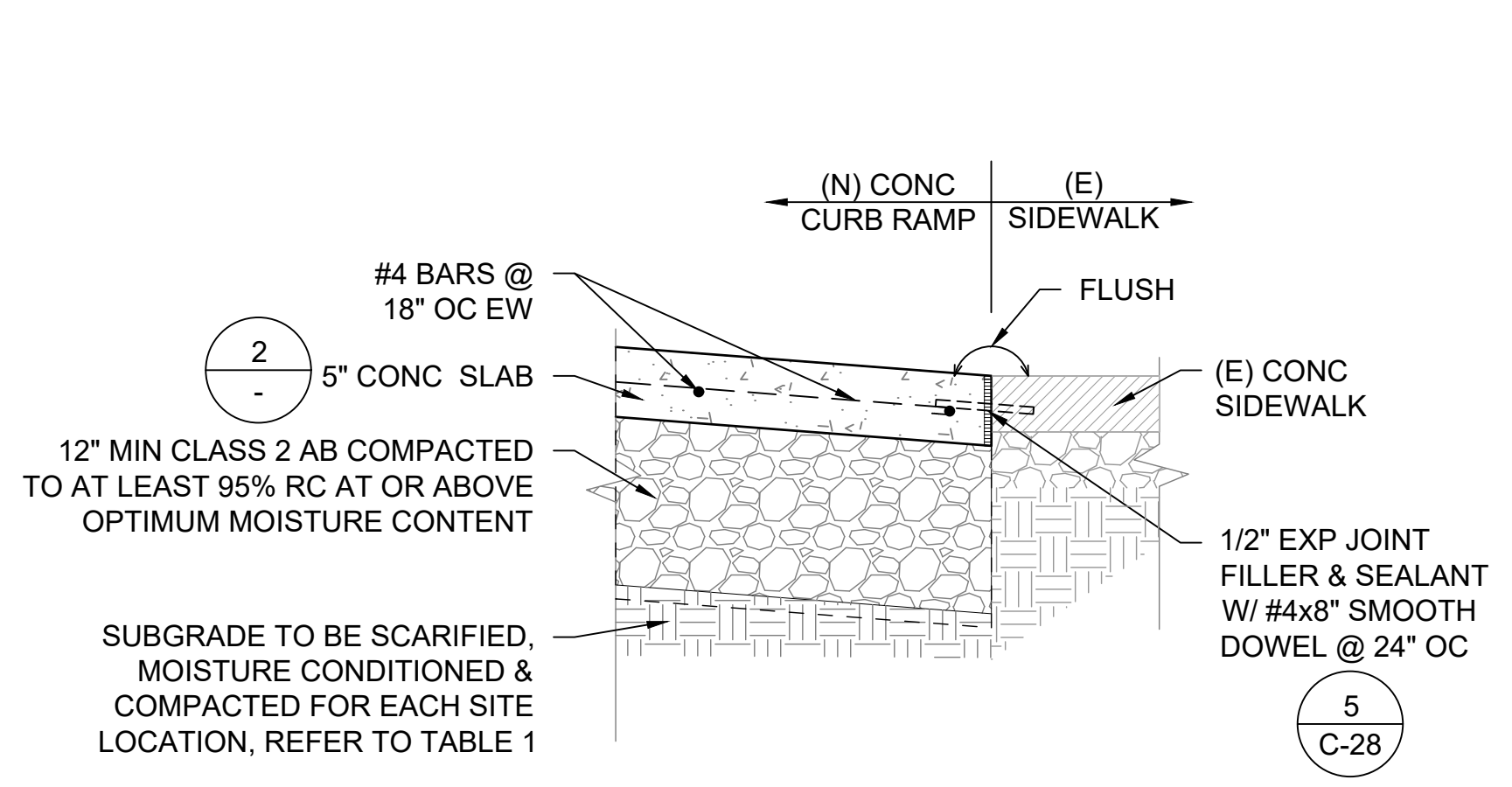


5 (N) CONC PARKING TO (N) AC PAVING
SCALE@22X34 1" = 1'-0"

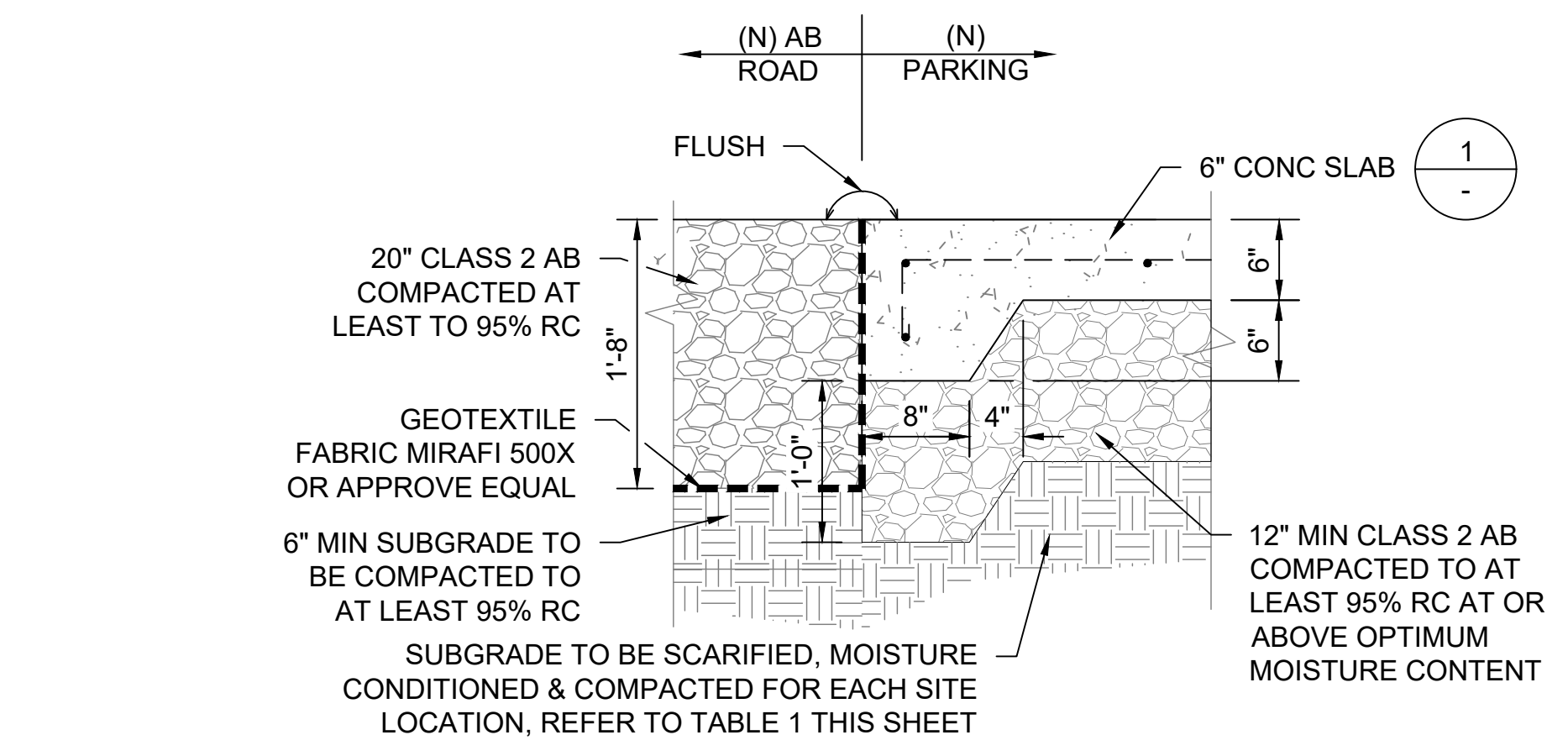


6 AGGREGATE PAVING PATH @ PICNIC AREA
SCALE@22X34 1" = 1'-0"

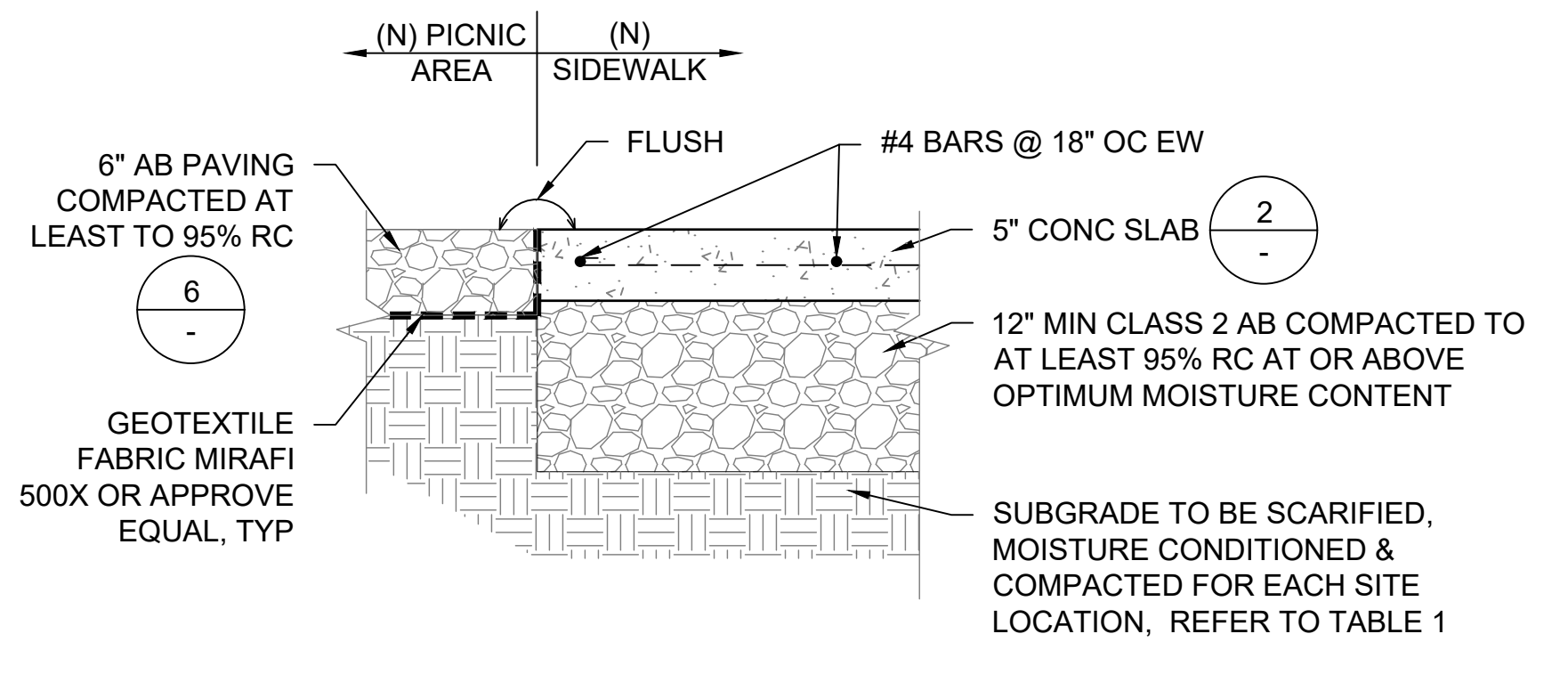
7 CONCRETE CURB RAMP TYPICAL
SCALE@22X34 3/4" = 1'-0"



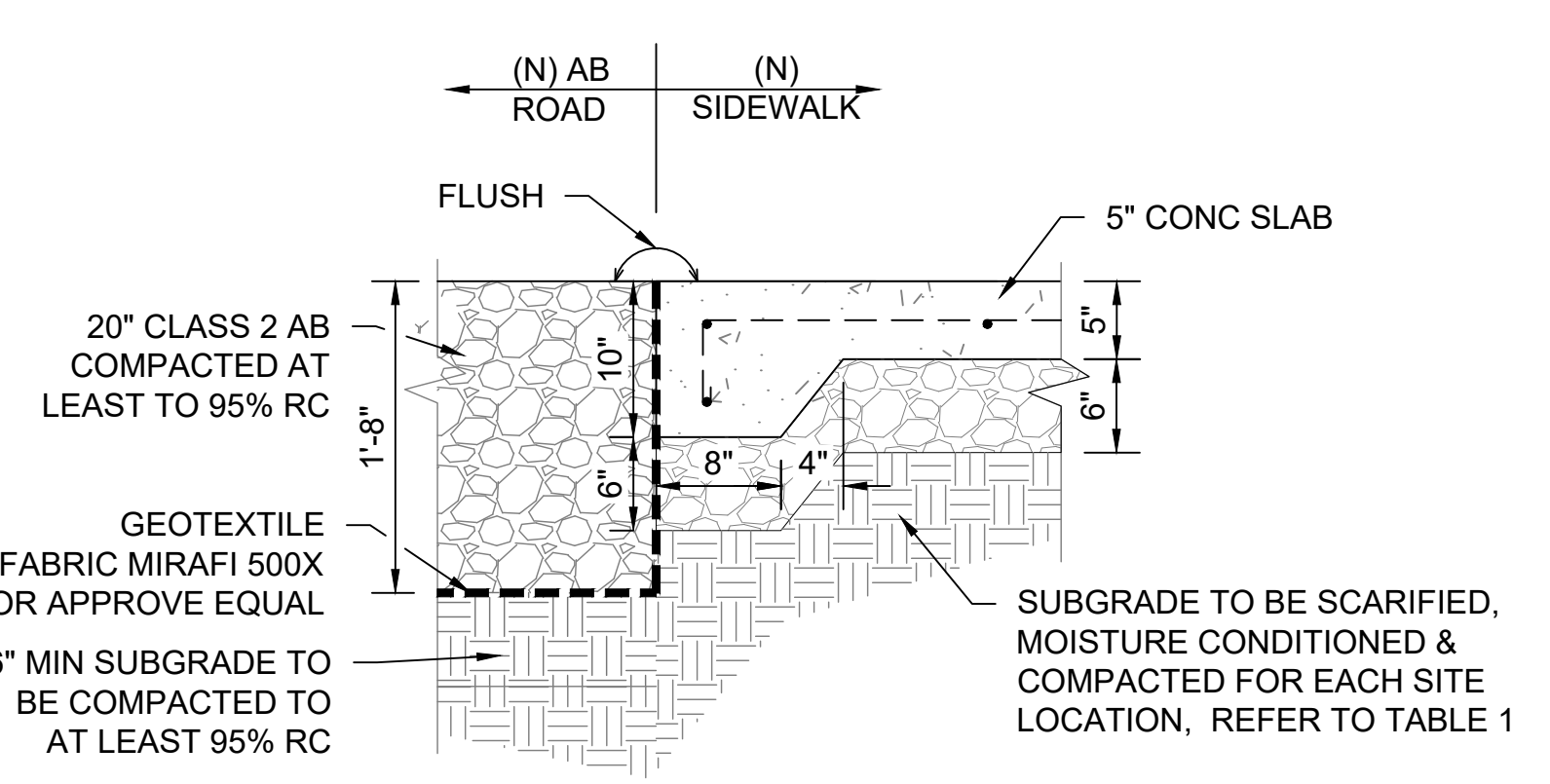
8 (N) CONC SIDEWALK TO (E) CONC PAVING
SCALE@22X34 1" = 1'-0"



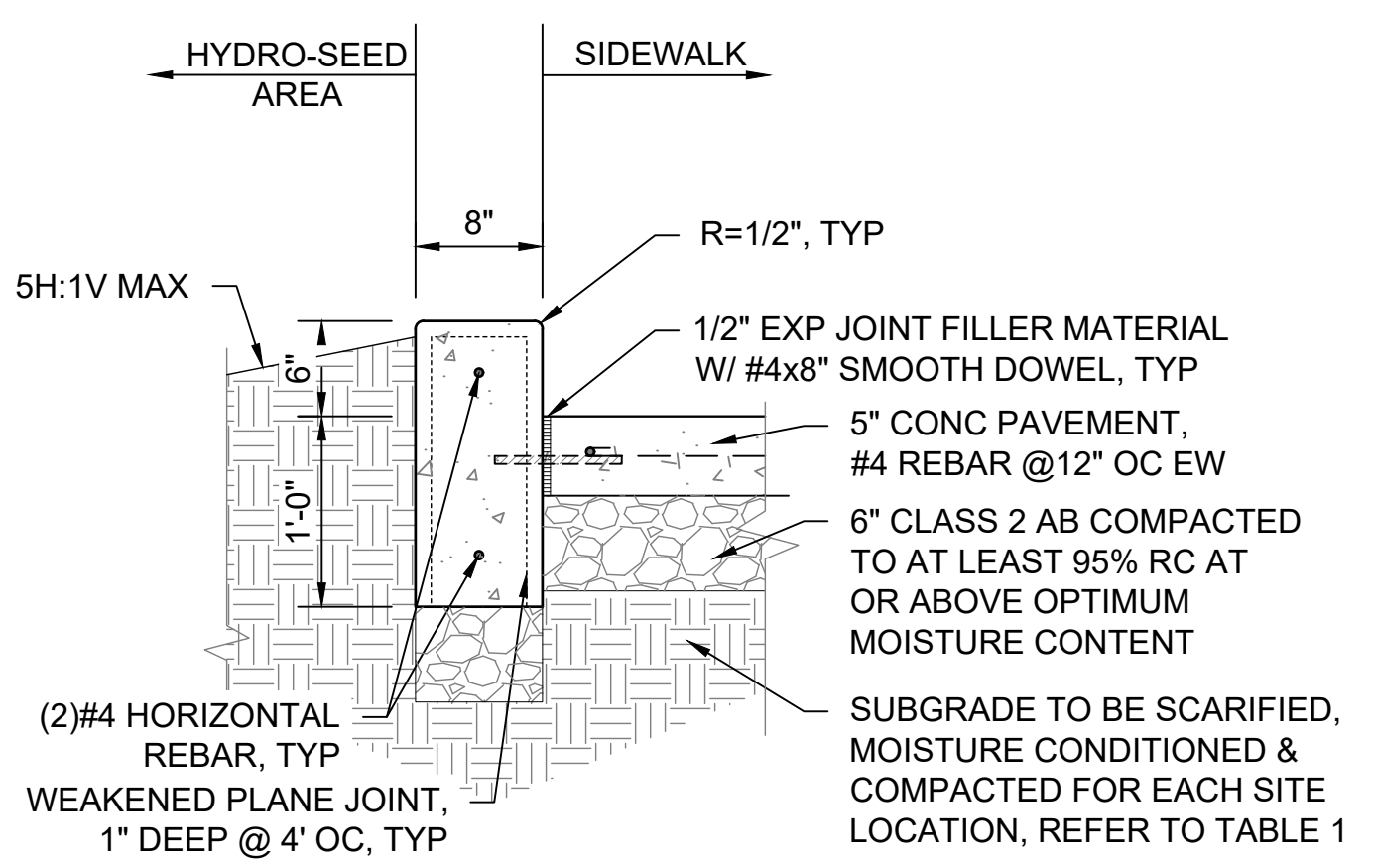
9 (N) CONC PARKING TO (N) AB PAVING
SCALE@22X34 1" = 1'-0"



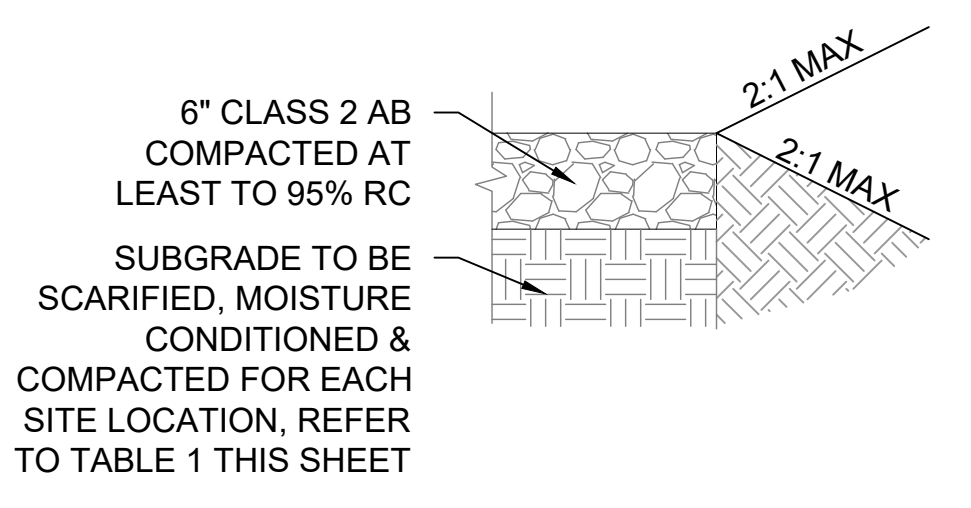
10 (N) CONC SIDEWALK TO (N) AB PAVING PATH
SCALE@22X34 1" = 1'-0"



11 (N) CONC SIDEWALK TO (N) AB ROAD
SCALE@22X34 1" = 1'-0"



12 CONC CURB TYPE 2
SCALE@22X34 1" = 1'-0"



13 AGGREGATE BASE
SCALE@22X34 1" = 1'-0"

TABLE 1		
PARK NAME	T	SUBGRADE
PESCADERO SB - CENTRAL BEAN HOLLOW SB	6" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT OR ABOVE OPTIMUM CONTENT AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION
BURLEIGH H. MURRAY RANCH PESCADERO SB- NORTH ANO NUEVO GAZOS SP	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 2% ABOVE OPTIMUM & COMPACTED TO AT LEAST 90% RC
COWELL RANCH SB POMPONIO SB	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 3% ABOVE OPTIMUM MOISTURE CONTENT & COMPACTED TO AT LEAST 87% BUT NOT EXCEEDING 92% RELATIVE COMPACTION
SAN GREGORIO SB	18" MIN.	

NOTES:
- "T" = THICKNESS OF CLASS 2 AGGREGATE BASE
- INFORMATION FROM GEOCON GEOTECHNICAL REPORT SECTION 6.5.6 DATED JULY 7, 2022 & REVISED JANUARY 5, 2023

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_it_replace\05_drawings\Civil\C-29 SITE PAVING DETAILS.dwg Layout: C-29 Site Paving Dtls_Pescadero-North Date: October 30 2023 1:50 pm User: tte



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION CERTIFICATION #

DESIGNED: TL DRAWN: TL CHECKED: MP DATE: OCTOBER 2023

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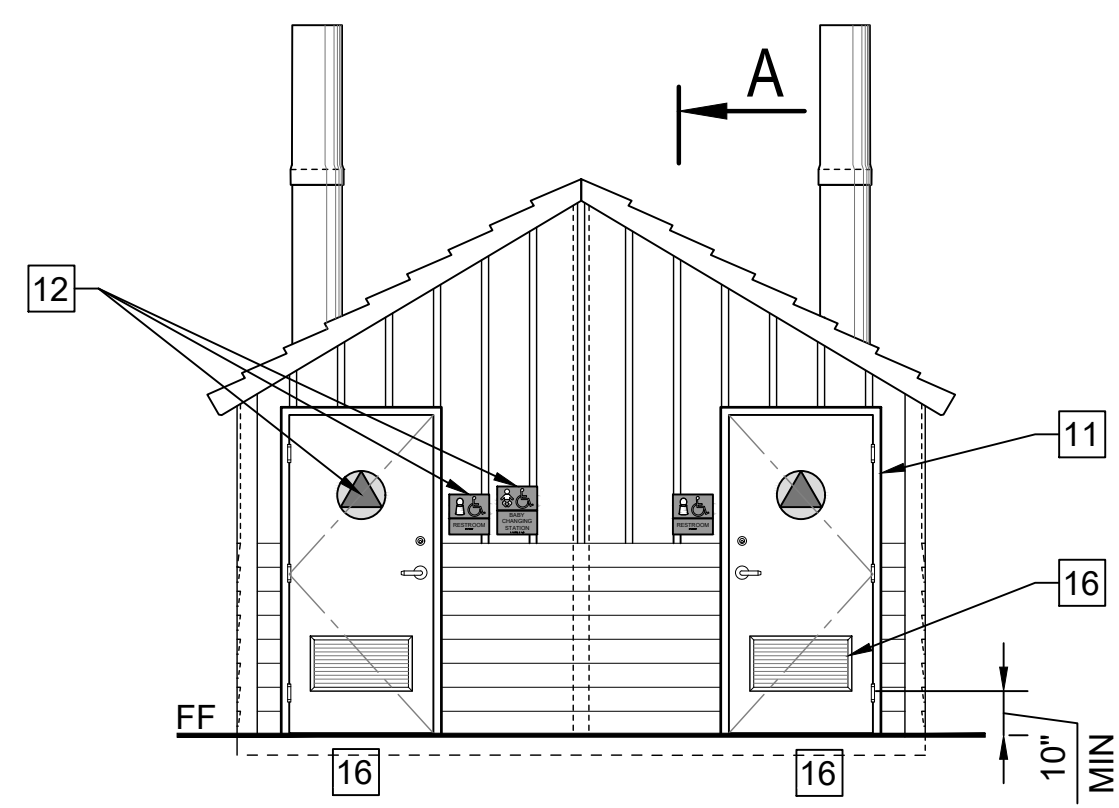
PESCADERO STATE BEACH - NORTH VAULT RESTROOM REPLACEMENT PRECAST DOUBLE VAULT RESTROOM BUILDING

206279.037

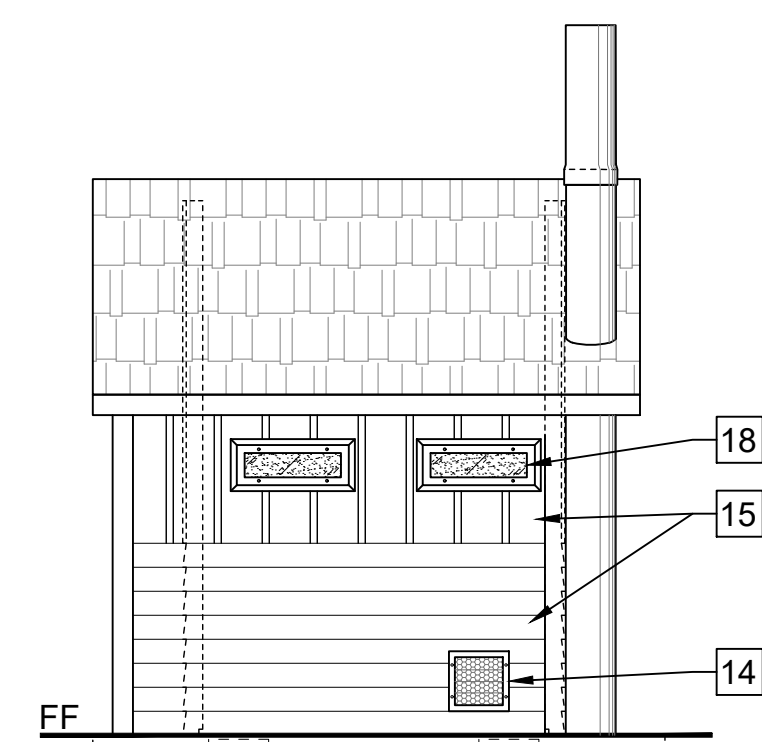
SHEET NO. C-34 037 OF 038

KEYNOTES:

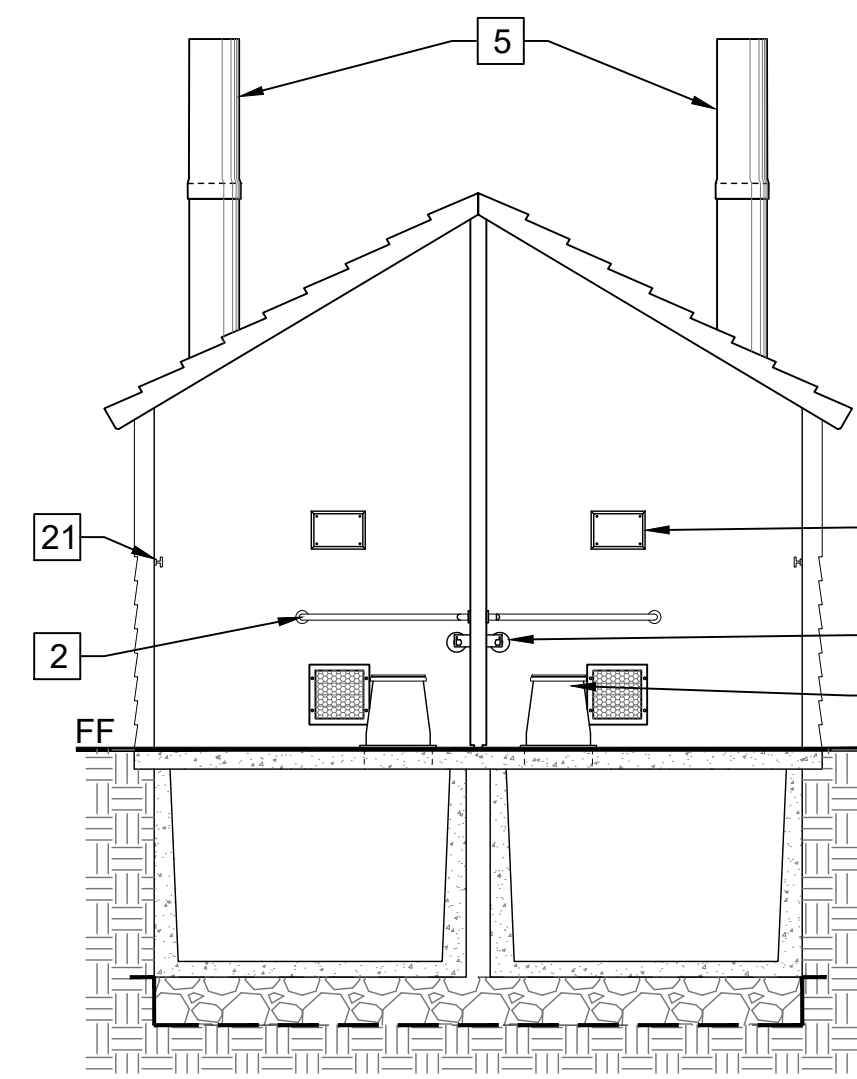
- 1 RISER
2 'L' SHAPED 1-1/2" SS GRAB BARS, 250LB POINT LOAD MIN. CAPACITY
3 SS TOILET PAPER DISPENSER, (3) ROLL BAR WITH LOCK
4 EDGE OF ROOF LINE ABOVE
5 VAULT VENTILATOR TUBE
6 VAULT ACCESS SCUTTLE DOOR
7 VAULT TANK BELOW GRADE
8 VAULT FOUNDATION: 12" MIN. THICK LEVELING COURSE OF 1-1/2" ANGULAR CRUSHED ROCK CONSOLIDATE W/ VIBROPLATE COMPACTOR ABOVE GEOTEXTILE FILTER FABRIC (MIRAFI 140N OR EQUAL), REFER TO GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION
9 SIMULATED STANDING CEDAR SHAKE TEXTURE CONCRETE ROOF PATTERN, COLOR GRANITE ROCK, 2K ANTI-GRAFFITI COATING
10 CONCRETE BUILDING SLAB BY MANUFACTURE OF PRE-CAST BUILDING, COORDINATE ELEVATION WITH CONCRETE WALK FOR ACCESSIBLE ENTRANCE PER GRADING SHEETS
11 3'-0"x6'-8" FIBERGLASS DB LVR DOOR AND FRAMESET, TOP PAINTED WITH DTM ALKYD
12 TOILET SIGNAGE ON SHEET C-XX RESTROOM DETAILS
13 SIGN TO READ: "DO NOT PUT TRASH IN TOILET"
14 SS WALL VENT
15 BOARD & BATT TEXTURE UPPER WITH HORIZONTAL LAP LOWER TEXTURE WALLS, COLOR SAND BEIGE. 2K ANTI-GRAFFITI COATING ON ALL FINISHED SURFACES.
16 SS DOOR LOUVER
17 SET BUILDING SLAB FLUSH, LEVEL AND W/ SMOOTH TRANSITION AT CONCRETE SIDEWALK IN AREA IN FRONT OF ENTRANCE TO THE RESTROOM, COORDINATE W/ GRADING SHEET PER EACH LOCATION
18 TRANSLUCENT LEXAN WINDOW GLAZING WITH STEEL FRAME
19 BABY CHANGING TABLE: MODEL 100-EH-BP HORIZONTAL DIAPER CHANGING STATION WITH EZ MOUNT BACKER PLATE OR APPROVE EQUAL, TABLE WIDTH SHALL NOT EXCEED 18".
20 ACCESSIBLE MANEUVERING AREAS - CIRCLE: 60" Ø & RECTANGLE: 56"D x 60"W
21 SS DOUBLE COAT HOOK
22 PAINT - WHITE
23 ALL PORTIONS OF THE EAVES WHICH ARE LESS THAN 80" ABOVE THE WALKING SURFACE SHALL PROJECT NO MORE THAN 4" FROM THE SIDE OF THE BUILDING.



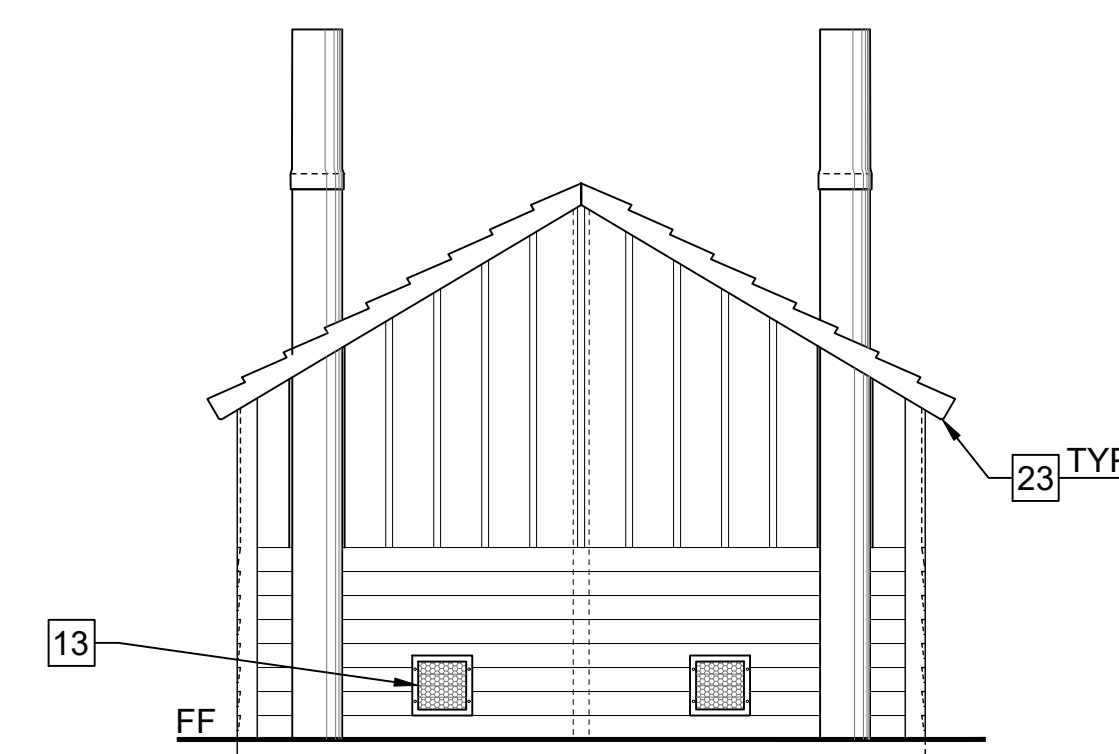
1 FRONT ELEVATION SCALE@24X36 1/4" = 1'-0"



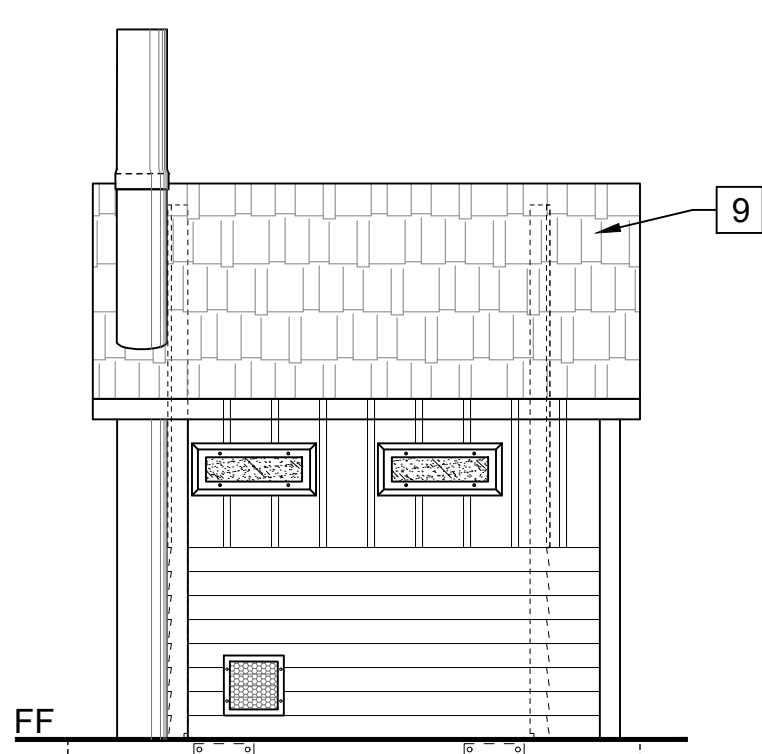
3 RIGHT SIDE ELEVATION SCALE@24X36 1/4" = 1'-0"



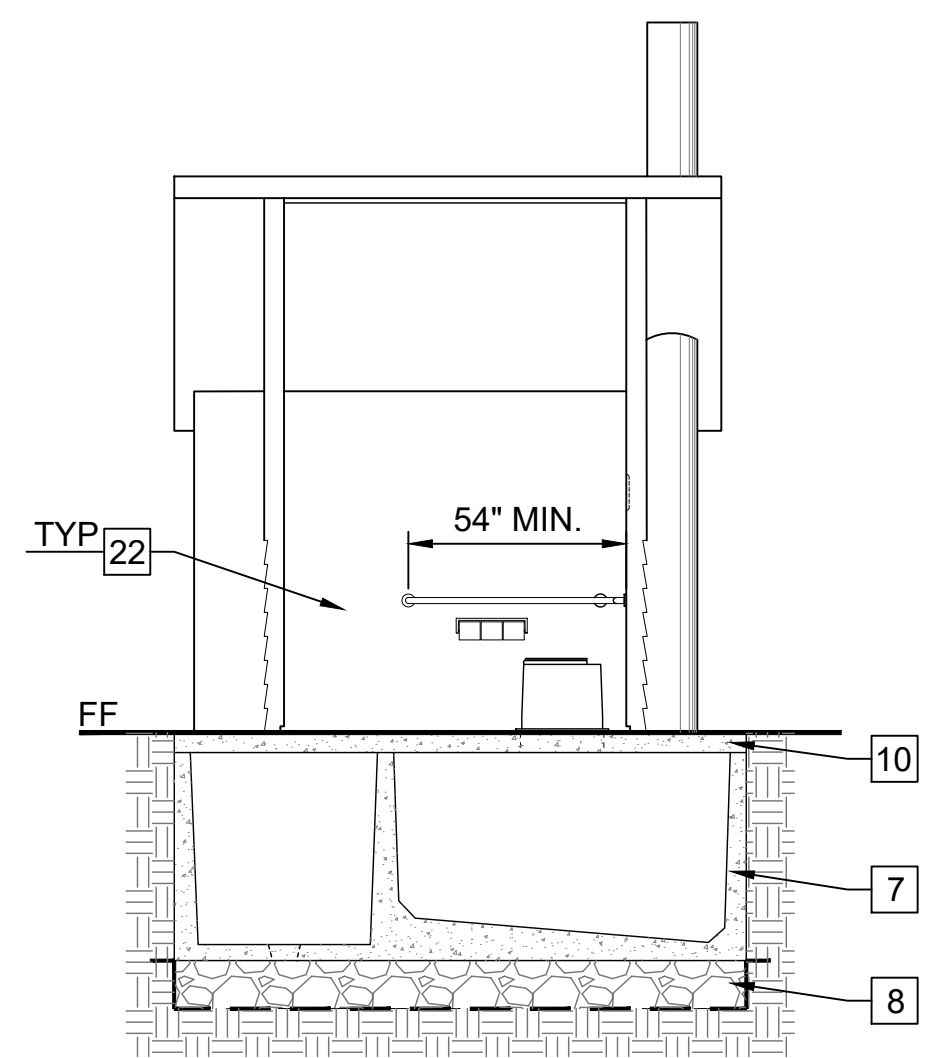
5 LONGITUDINAL SECTION SCALE@24X36 1/4" = 1'-0"



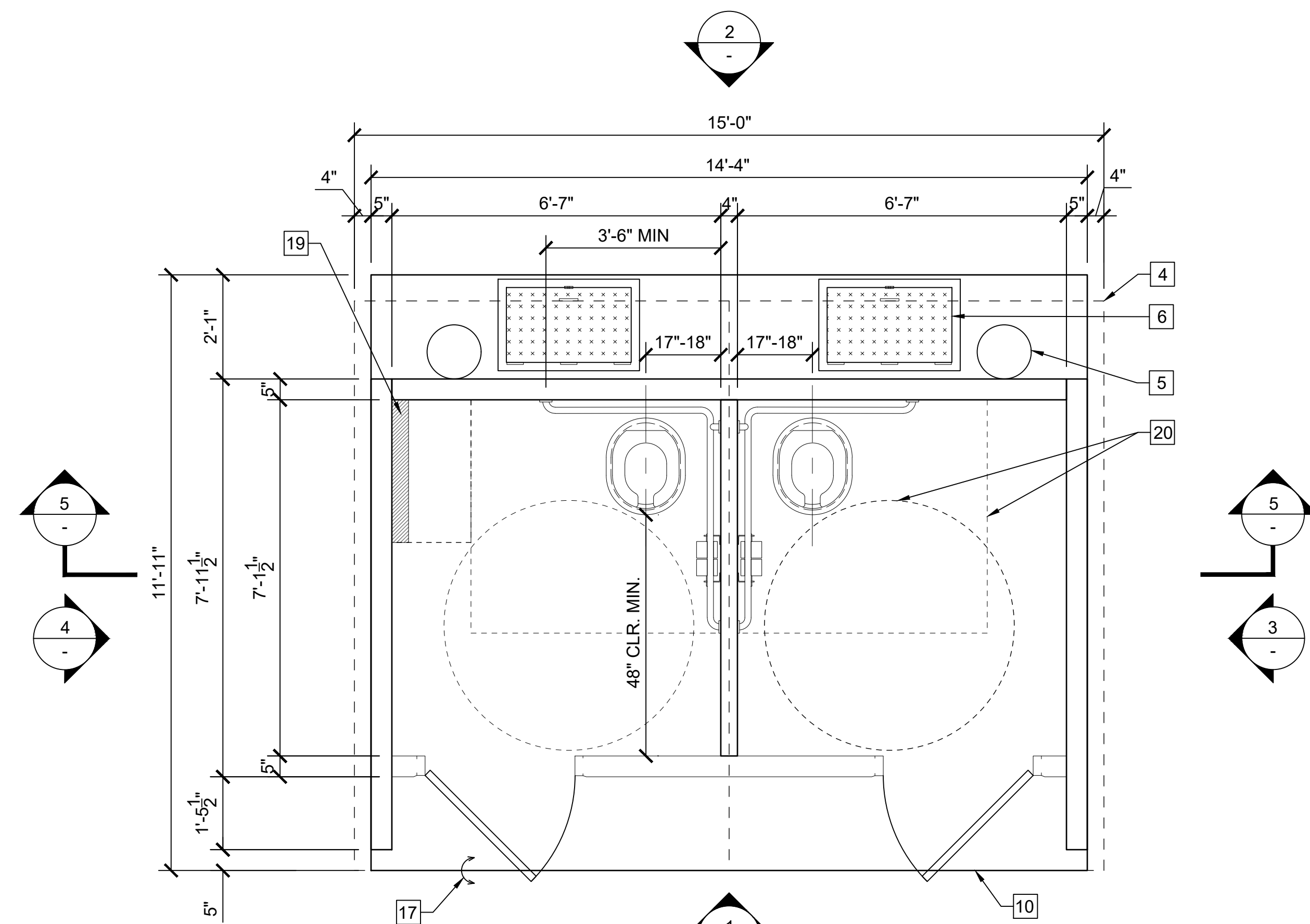
2 REAR ELEVATION SCALE@24X36 1/4" = 1'-0"



4 LEFT SIDE ELEVATION SCALE@24X36 1/4" = 1'-0"



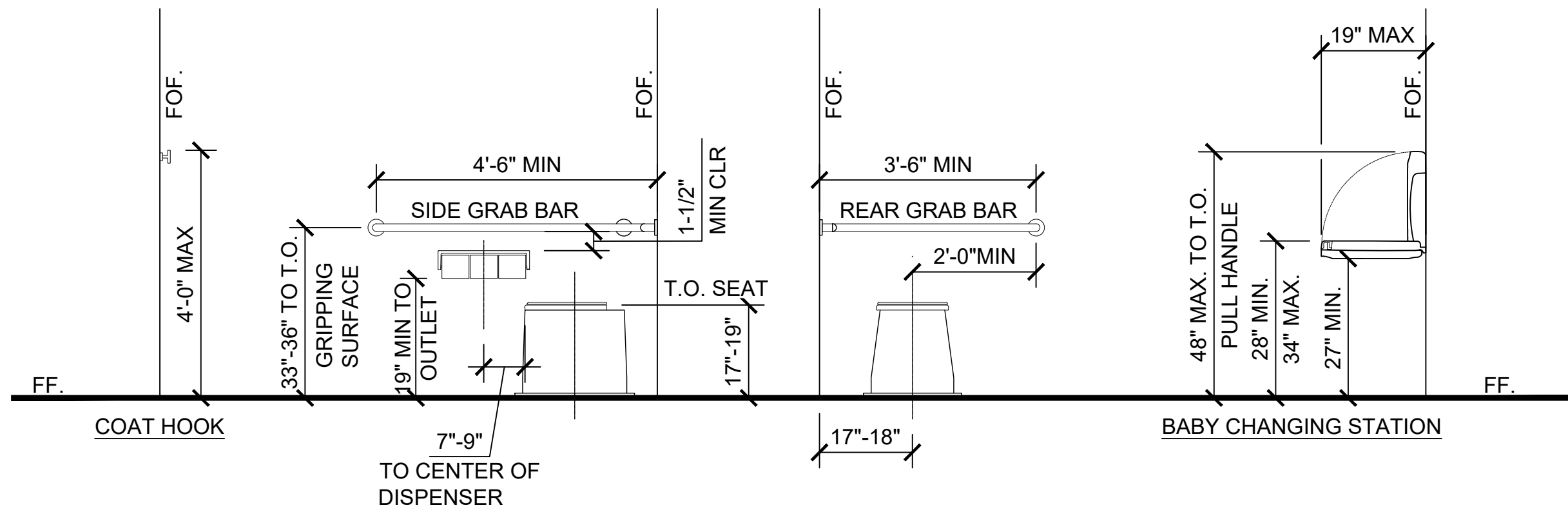
6 SECTION A-A SCALE@24X36 1/4" = 1'-0"



7 FLOOR PLAN SCALE@24X36 1/2" = 1'-0"



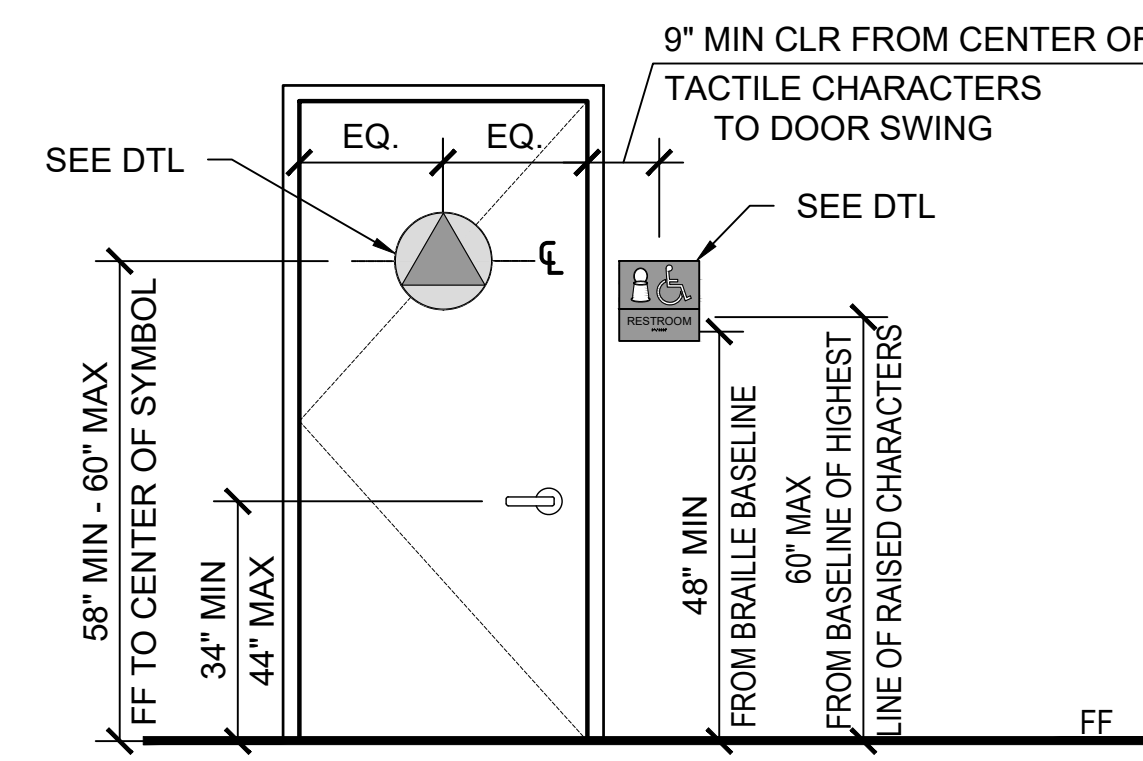
FACILITIES AND DEVELOPMENT DIVISION



- NOTES:
- REFER TO 2022 CBC FOR FURTHER INFORMATION:
 - SECTION 11B-306 KNEE AND TOE CLEARANCE
 - SECTION 11B-308 REACH RANGES
 - SECTION 11B-604 WATER CLOSETS AND TOILET COMPARTMENTS
 - NO TOLERANCE PERMITTED BEYOND NOTED MINIMUMS OR MAXIMUMS.
 - OPERATING HANDLE, 5 LBS MAXIMUM OPERATING FORCE AUTOMATIC OR PLACED ON WIDE SIDE OF THE FIXTURE COMPARTMENT.

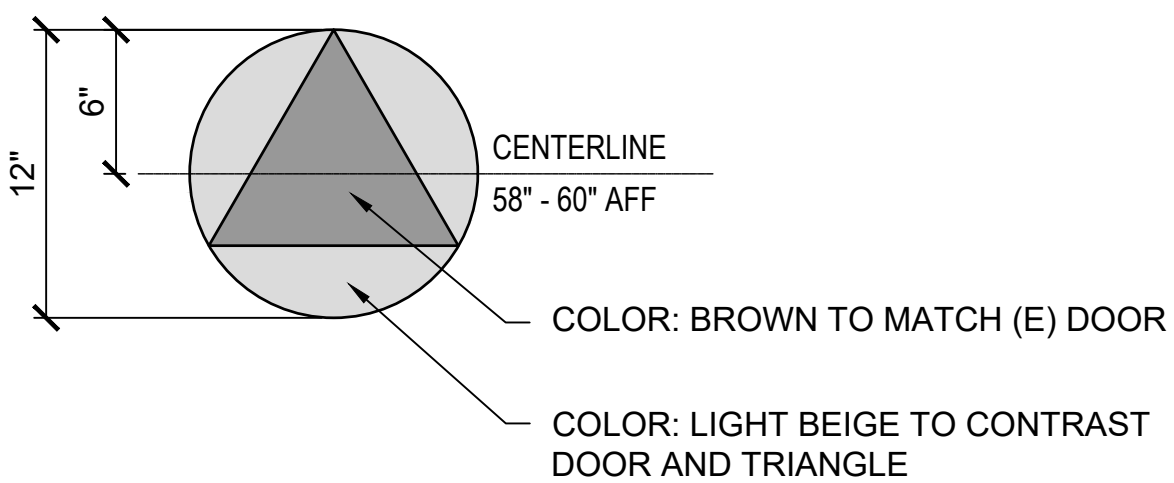
1 RESTROOM FIXTURE MOUNTING LOCATIONS
SCALE@22X34 1/2" = 1'-0"

- NOTES: ADJUST DOOR OPENING TO 5 LBS OF FORCE MAX
ADJUST DOOR CLOSER WHEN DOOR IS OPENED OF MIN 70° DOOR SHALL CLOSE A MIN TIME OF 1.5 SECONDS

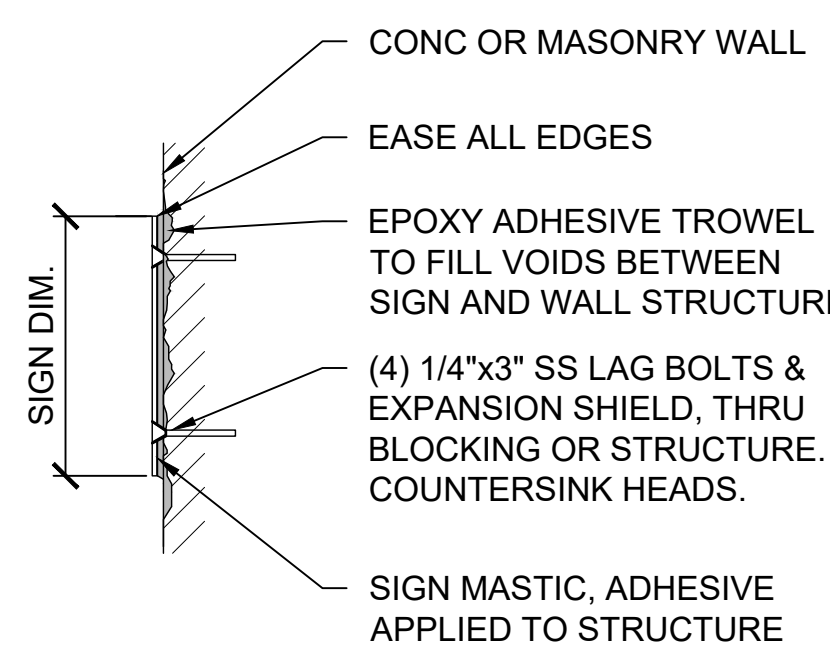


2 RESTROOM SIGN LOCATION
SCALE@22X34 1/2" = 1'-0"

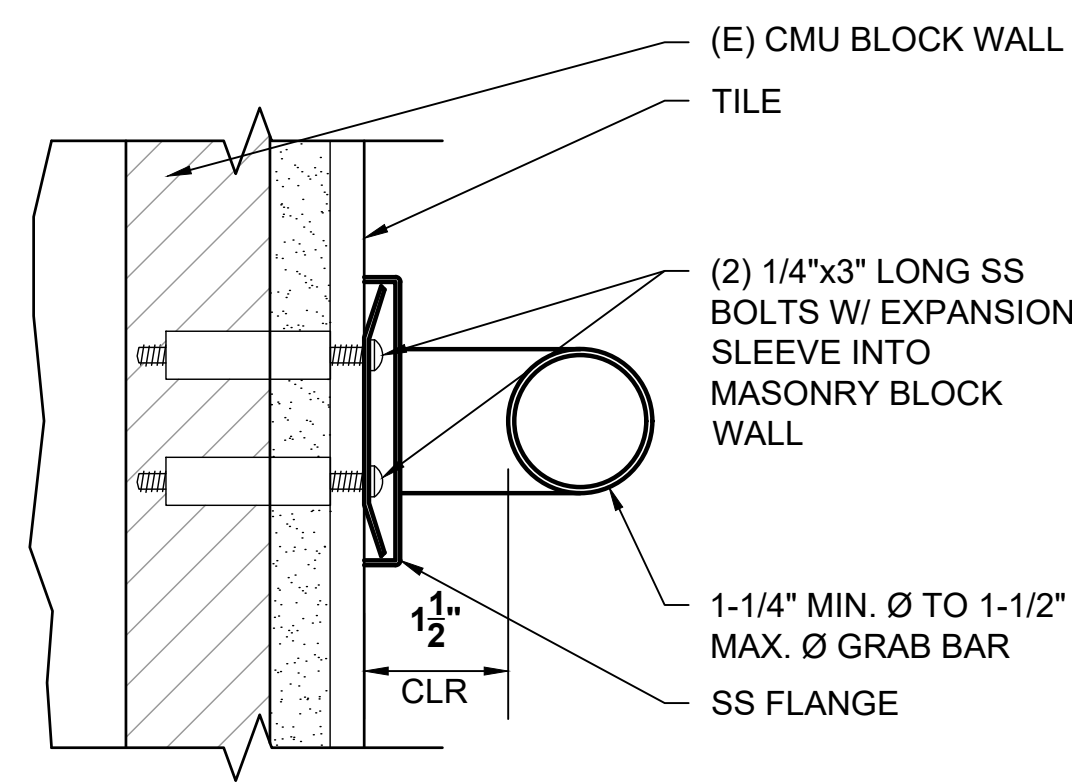
- NOTES:
- RESTROOM DOOR SIGNS: 1/4" THICK - SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. UNISEX CIRCLE SHALL COLOR CONTRAST WITH DOOR COLOR AND TRIANGLE COLOR, CONTRAST SHALL BE 70% MIN.
 - MOUNTED 58" - 60" AFF TO THE CENTER OF THE SIGN AND CENTERED ON THE DOOR
 - NO LETTERS OR CHARACTERS



3 RESTROOM DOOR SIGN
SCALE@22X34 1 1/2" = 1'-0"

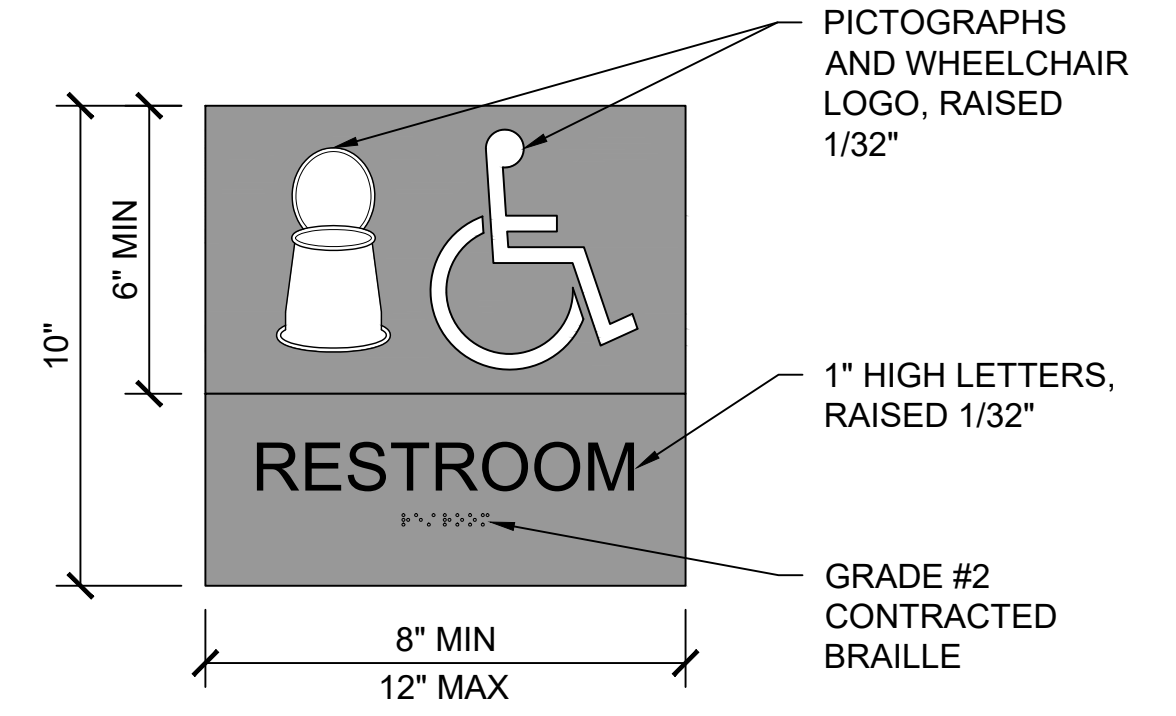
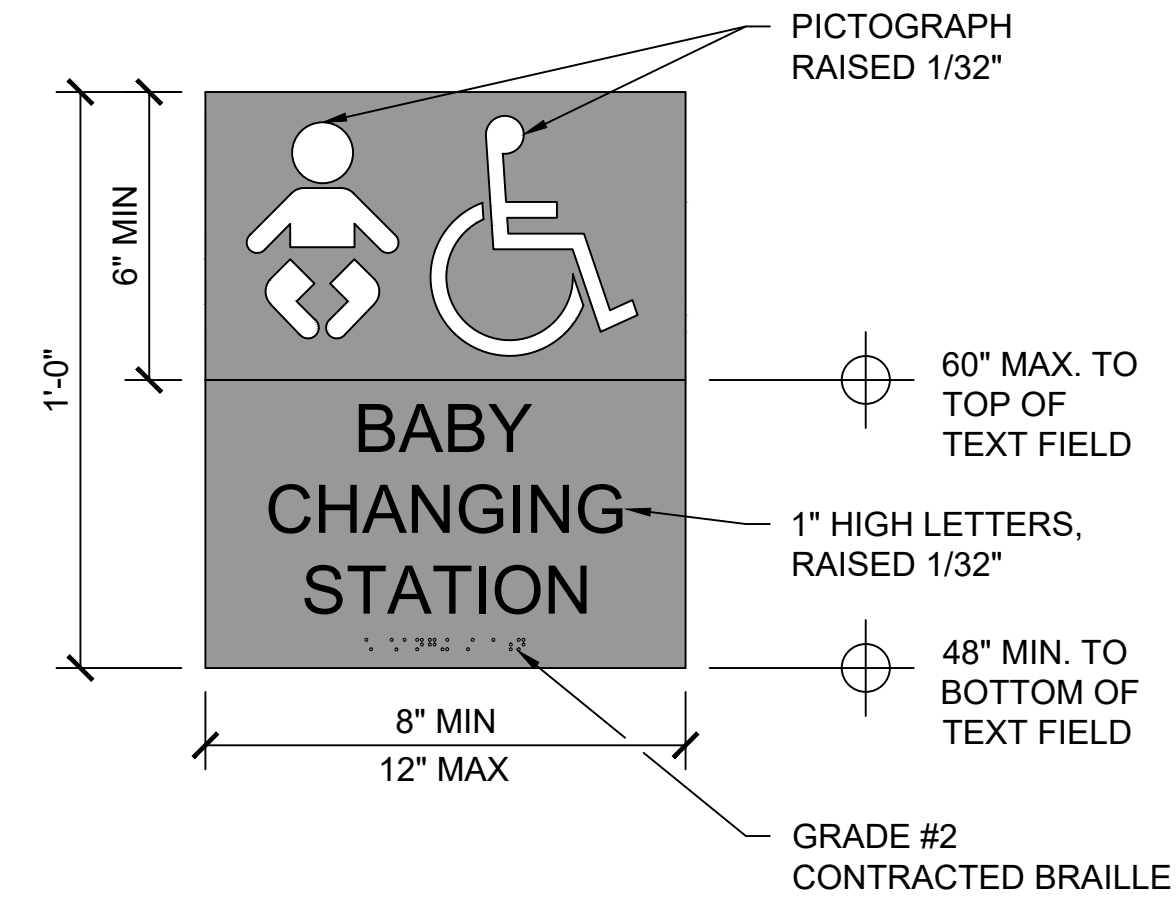


4 WALL SIGNS MOUNTING
SCALE@22X34 1 1/2" = 1'-0"



5 GRAB BAR MOUNTING
SCALE@22X34 6" = 1'-0"

- NOTES: ALL WALL & DOOR SIGNS: 1/4" THICK, SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. SYMBOLS AND LETTER SHALL CONTRAST AND BE SELECTED BY STATE REPRESENTATIVE FROM MANUFACTURERS FULL LINE OF COLOR OFFERINGS. UNO. COLOR SHALL BE THROUGH PRODUCT, NOT A COLOR SHEET APPLIED TO A TRANSPARENT OR TRANSLUCENT SHEET OF ACRYLIC. REFER TO 2022 CBC SECTION 11B.703 FOR FURTHER INFORMATION



6 RESTROOM WALL SIGNS
SCALE@22X34 3" = 1'-0"



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REVISIONS	DATE

PESCADERO STATE BEACH - NORTH
VAULT RESTROOM REPLACEMENT
RESTROOM DETAILS

206279.038

SHEET NO.
C-35
038 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-35 RESTROOM DETAILS.dwg Layout: C-35 Restroom Dtl - Pescadero-North Date: October 30 2023 - 2:41 pm User: tle

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION FACILITIES AND DEVELOPMENT DIVISION

PESCADERO STATE BEACH - CENTRAL VAULT RESTROOM REPLACEMENT

CSFM #23-N-2342-C-NW

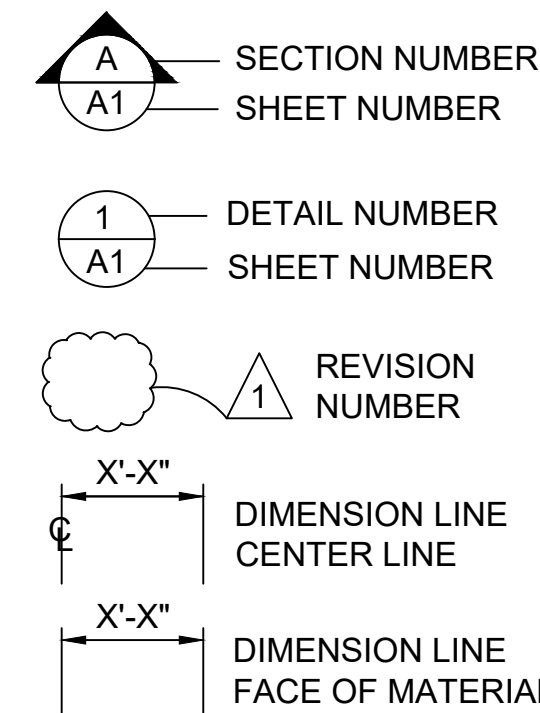


FACILITIES AND
DEVELOPMENT DIVISION

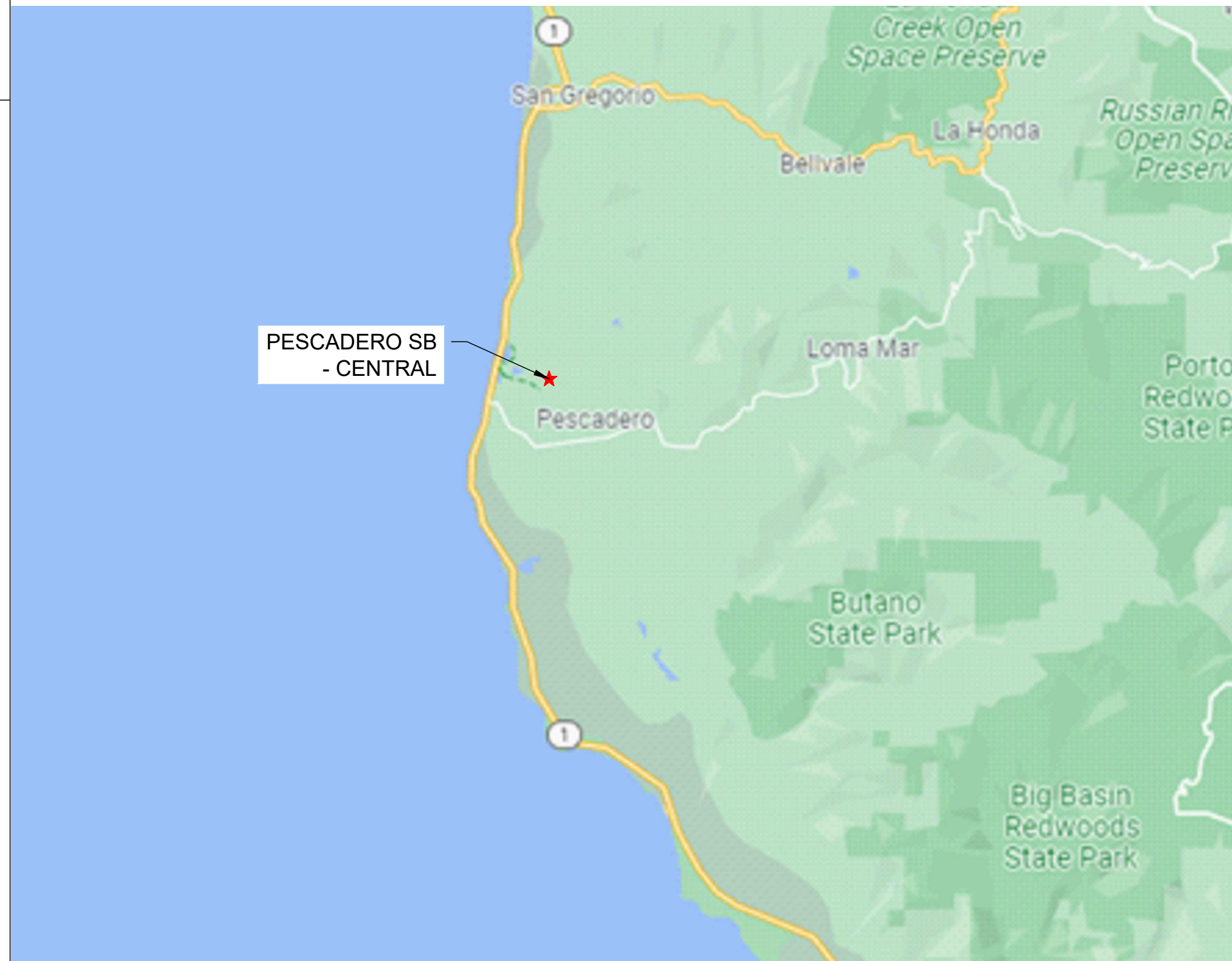
DEMOLISH EXISTING NON COMPLIANT RESTROOMS AND REPLACE WITH PRECAST CONCRETE VAULT RESTROOM. UPGRADE EXISTING PARKING TO MEET CURRENT ADA REQUIREMENTS. BARRIER REMOVAL AT PATH OF TRAVEL FROM PARKING TO RESTROOM AND ANY DAY-USE SITE AMENITIES ON THE PATH OF TRAVEL.

SCOPE OF WORK

- 1- ALL MATERIALS SHOWN OR NOTED ON THE PLANS ARE NEW UNLESS CALLED OUT OTHERWISE.
- 2- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS SHOWN OR DIMENSIONED HERE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STATE REPRESENTATIVE FOR RESOLUTION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- 3- ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE FOLLOWING LISTED CODES, AND ALL OTHERS HAVING JURISDICTION OVER THE WORK.
 - 2022 CA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
 - 2022 CA BUILDING CODE (CBC), VOLUMES 1 AND 2, PART 2, TITLE 24, C.C.R. (2018 INTERNATIONAL BUILDING CODE AND 2019 CA AMENDMENTS)
 - 2022 CA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2020 CA AMENDMENTS)
 - 2022 CA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2021 CA AMENDMENTS)
 - 2022 CA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R. (2021 UNIFORM PLUMBING CODE W/ 2021 CA AMENDMENTS)
 - 2022 CA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R. (2008 CA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)
 - 2022 CA FIRE CODE (FC), PART 9, TITLE 24, C.C.R. (2021 INTERNATIONAL FIRE CODE AND 2021 CA AMENDMENTS)
 - 2022 CA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.
 - 2022 CA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
 - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.
 - 2022 TITLE 19 C.C.R., PUBLIC SAFETY, DIVISION 1 STATE FIRE MARSHAL REGULATIONS.



SYMBOLS LEGEND



VICINITY MAP



LOCATION MAP

GENERAL NOTES

- 4- CONDUCT ALL WORK IN ACCORDANCE WITH THE LATEST SAFETY RULES AND REGULATIONS OF ALL AUTHORITIES AND AGENCIES HAVING JURISDICTION OVER THE WORK.
- 5- ALL WORK SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. WHERE DETAILED INFORMATION OR CLARIFICATION IS REQUIRED, THE MATTER SHALL BE REFERRED TO THE STATE REPRESENTATIVE FOR WRITTEN RESOLUTION.
- 6- THE CONTRACTOR SHALL NOT SCALE THE DRAWINGS, BUT SHALL RELY ONLY ON THE WRITTEN DIMENSIONS GIVEN. IF A DISCREPANCY OCCURS OR NO DIMENSION IS GIVEN, THE CONTRACTOR SHALL NOTIFY THE STATE REPRESENTATIVE FOR WRITTEN CLARIFICATION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- 7- COMPLIANCE WITH ACCESSIBLE REGULATIONS FOR SLOPES AS STATED ON THE PLANS WILL BE VERIFIED BY THE STATE'S REPRESENTATIVE UTILIZING A 24 INCH DIGITAL LEVEL. THE 24 INCH DIGITAL LEVEL WILL BE SUPPLIED BY THE STATE AND WILL BE CALIBRATED BY THE STATE'S REPRESENTATIVE PRIOR TO THE TAKING OF ANY MEASUREMENTS. MEASUREMENTS WILL BE TAKEN IN ANY DIRECTION WITH THE 24" DIGITAL LEVEL AND MEASUREMENTS WILL VERIFY COMPLIANCE WITH SLOPES SPECIFIED ON THE PLANS. WORK THAT DOES NOT MEET THE REQUIREMENTS SHALL BE CONSIDERED NON-COMPLIANT AND WILL NOT BE ACCEPTED BY THE STATE. ANY AREA WHICH IS NON-COMPLIANT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

DEFERRED SUBMITTALS

LOCAL FIRE AUTHORITY APPROVAL

SHEET INDEX		
PAGE	NO.	TITLE SHEET
001	G-1	COVER SHEET
002	G-2	GENERAL NOTES & ABBREVIATIONS
003	G-3	OVERALL SITE PLAN
018	C-15	EXISTING CONDITION & DEMO PLAN
019	C-16	PAVING, HORIZONTAL CONTROL & GRADING PLAN
028	C-25	GRADING & PAVING SECTIONS 4
031	C-28	ACCESSIBLE PARKING & CONCRETE JOINT DETAILS
032	C-29	SITE PAVING DETAILS
033	C-30	PICNIC SITE DETAILS
037	C-34	PRECAST DOUBLE VAULT RESTROOM BUILDING
038	C-35	RESTROOM DETAILS

SHEET INDEX

NO.	DESCRIPTION	STATUS
1	OCCUPANCY CLASSIFICATION	B
2	BUILDING CONSTRUCTION TYPE	I-B
3	NUMBER OF STORIES	1
4	ACTUAL BUILDING HEIGHT	12'-0"
5	BUILDING AREA IN SQUARE FEET	171 SF
6	AREA OF PROJECT IN SQUARE FEET	1,200 SF
7	SEPARATED OR NON-SEPARATED USE	NON-SEPARATED
8	ALLOWABLE AREA PER CBC	UL
9	AREA INCREASE	NO
10	HEIGHT INCREASE	NO
11	FIRE SPRINKLERS TYPE: (WET, DRY, PRE-ACTION OR DELUGE)	NO
12	FIRE ALARM TYPE: (MANUAL, AUTOMATIC, ETC)	NO
13	OTHER FIRE PROTECTION SYSTEMS, IF ANY	NO
14	SMOKE CONTROL SYSTEM	NO
15	OCCUPANT LOAD FOR ENTIRE BUILDING AND EACH FLOOR	2
16	YEAR BUILDING WAS CONSTRUCTED	NEW
17	IN A HIGH FIRE HAZARD SEVERITY ZONE?	NO

NOTE: ALL ROOMS ARE SINGLE OCCUPANCY, BASED ON OCCUPANT LOAD OF 1 OCCUPANT PER 150 SQUARE FEET, AND EXIT DIRECTLY TO THE EXTERIOR.

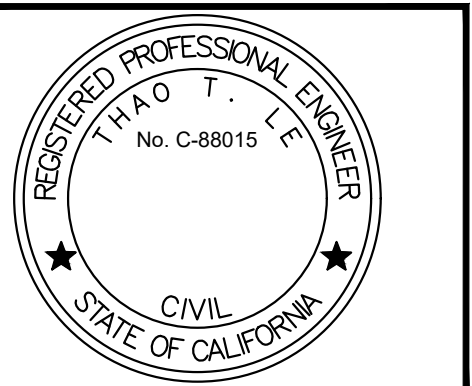
BUILDING CODE REVIEW

STATE OF CALIFORNIA
DEPARTMENT OF PARKS AND RECREATION
FACILITIES AND DEVELOPMENT DIVISION
NORTHERN SERVICE CENTER
2241 HARVARD STREET, SUITE 200
SACRAMENTO, CA 95815

PREPARED BY

SANTA CRUZ DISTRICTWIDE
18253 CABRILLO HIGHWAY SOUTH, SAN GREGORIO, CA 94074
PARK SECTOR OFFICE: 95 KELLY AVENUE, HALF MOON BAY, CA 94019
SAN MATEO COUNTY

SITE ADDRESS



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
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ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

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DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

NO.	REVISIONS	DATE

PESCADERO STATE BEACH - CENTRAL
VAULT RESTROOM REPLACEMENT

COVER SHEET

206279.001

SHEET NO.
G-1
001 OF 038

CONCRETE

- STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH AS REQUIRED IN NOTE 24. MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.
- CONCRETE MIX DESIGNS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER, REVIEWED BY CONTRACTOR'S TESTING LABORATORY AND SUBMITTED TO THE STATE REPRESENTATIVE FOR REVIEW.
- CEMENTITIOUS MATERIALS:
CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II.
FLY ASH SHALL CONFORM TO ASTM C-618. MAXIMUM QUANTIFY OF FLY ASH SHALL BE AS GIVEN IN SPECS (15% MAXIMUM UNO).
- CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE AND ASTM C-330 FOR LIGHTWEIGHT CONCRETE.
- NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREMIXED NONMETALLIC FORMULA.
- REINFORCING BARS SHALL CONFORM TO ASTM D7957 / D7957M-17 FOR #3 AND LARGER. CONTRACTOR SHALL SUBMIT REBAR MANUFACTURER CERTIFICATES.
- REINFORCING BARS SHALL BE INSTALLED ACCORDING TO ACI 440.1-15 "GUIDE FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL CONCRETE REINFORCED WITH FIBER-REINFORCED POLYMER BARS AND ACI 440.5-08 "SPECIFICATION FOR CONSTRUCTION WITH FIBER-REINFORCED POLYMER REINFORCING BAR."
- DIMENSION SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS LISTED AND DENOTE CLEAR COVERAGE. NON-PRESTRESSED, CAST-IN-PLACE CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO:
CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) _____ 3"
CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS:
#5 AND SMALLER _____ 1-1/2"
#6 AND LARGER _____ 2"
SLABS (ON FORMS) _____ 3/4"
SLABS (ON GROUND) _____ 2" CLEAR FROM TOP UNO
- SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED UNO, SEE SCHEDULE THIS SHEET. SPLICES IN ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLICE CONTINUOUS BARS IN SOIL-BEARING GRADE BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIONS AS FOLLOWS UNO: TOP BARS AT CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLICE CONTINUOUS BARS IN ELEVATED SLABS AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE OF SUPPORT. SPLICES IN WWF SHALL BE 1-1/2" MESHES WIDE.
- THE MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN THE LARGER OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM AGGREGATE SIZE (NOMINAL), WHICHEVER IS GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR SPACING BETWEEN DIFFERENT LAYERS OF PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A CONTACT LAP SPLICE AND ADJACENT SPLICES OR BARS.
- ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED. AT WALLS, PROVIDE HOOKS AT ENDS OF ALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS, UNO.
- CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SAND BLASTING, OR RAKING THE SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
- REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE.
- ANCHOR BOLTS (AB'S) CAST IN CONCRETE OR MASONRY FOR WALL SILL AND LEDGER / APPLICATIONS SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM A307, UNO. REFER TO "WOOD" NOTES FOR ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH PRESSURE TREATED OR FIRE RETARDANT MATERIAL. REFER TO 'STRUCTURAL STEEL' NOTE FOR REQUIREMENTS FOR ANCHOR RODS (AR'S) CAST IN CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED APPLICATIONS.
- DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMN FROM FOUNDATION WITH SAME SIZE BAR.
- CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING BARS (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES HOPPER AND CHUTES OR TRUNKS OF VARIABLE LENGTHS SHALL BE USED SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 6 FEET.
- DRILL THROUGH STEEL COLUMNS, BEAMS AND PLATES TO PASS CONTINUOUS REINFORCING.
- NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
- PROVIDE #5 x 4'-0" DIAGONAL REINFORCING AT TOP AND BOTTOM OF SLAB AT ALL RE-ENTRANT CORNERS TYPICAL. THIS APPLIES TO SLAB ON GRADE, CONCRETE OVER METAL DECK, AND ELEVATED STRUCTURAL SLAB CONDITIONS.
- ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR DAMAGE.
- BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED.
- NOTIFY STATE REPRESENTATIVE A MINIMUM OF 48 HOURS BEFORE PLACING ANY CONCRETE.
- CONCRETE STRENGTHS & MIX PROPERTIES:

ITEM	F'C @ 28 DAYS	MAX. AGGR. SIZE	WEIGHT	MAX W/CM* RATIO
A. FOUNDATIONS	3500 PSI	1-1/2"	NW	0.45
B. SLAB ON GRADE	4000 PSI	1"	NW	0.45
C. SITE AND MISCELLANEOUS	3500 PSI	1"	NW	0.45

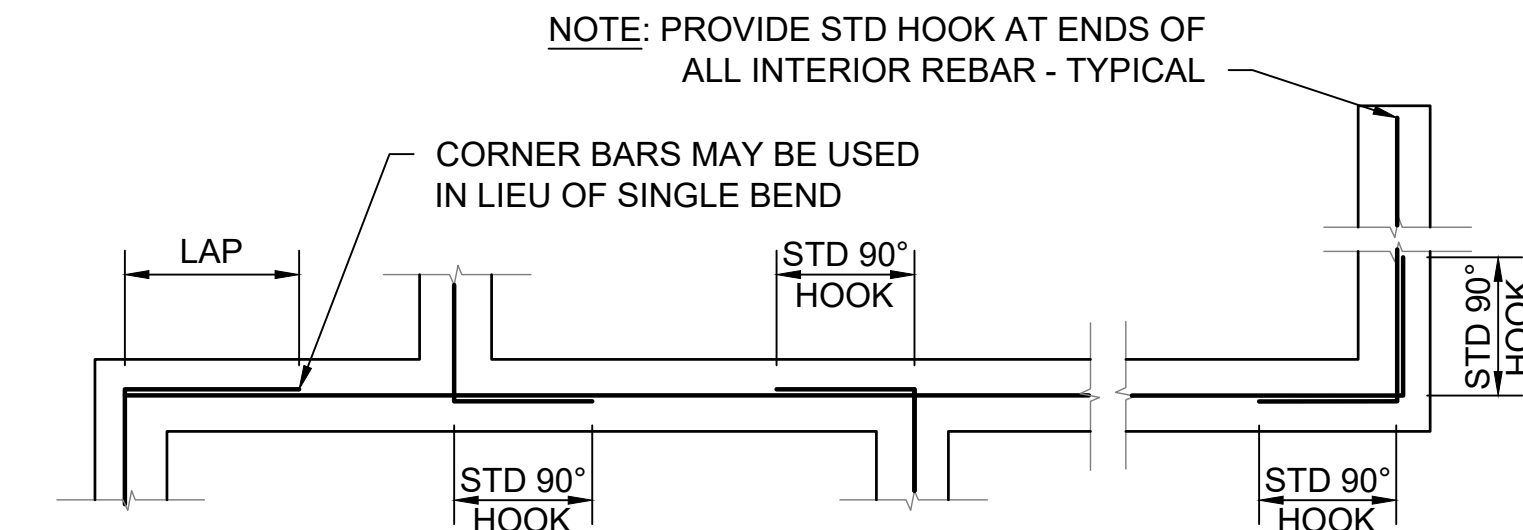
* W/CM = WATER : CEMENTITIOUS MATERIAL RATIO

REINFORCEMENT LAP SPLICE SCHEDULE:

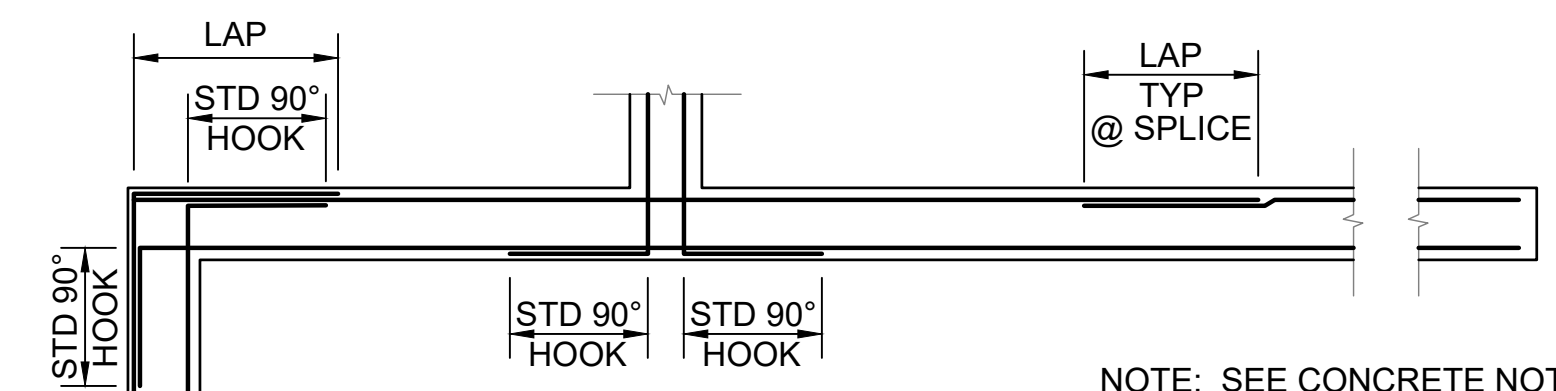
F'c = 3500 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	18	35	43	52	75	86	97	109	121
	OTHER	14	27	33	40	58	66	75	84	93
F'c = 4000 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	17	32	40	48	70	80	91	102	113
	OTHER	13	25	31	37	54	62	70	79	87

(ALL LENGTHS SHOWN ARE IN INCHES) ACI 318 2009 IBC 2016 CBC

- SCHEDULE APPLIES TO NORMAL WEIGHT CONCRETE WITH UNCOATED, GRADE 60 REINFORCING BARS FOR #4 BARS AND LARGER (VALUES FOR #3 BARS BASED ON GRADE 40).
- TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT LOCATED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.
- WHEN LIGHTWEIGHT CONCRETE IS USED, MULTIPLY LAP LENGTHS BY 1.30.
- WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR DIA. OR WHERE CLEAR COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIA., MULTIPLY LAP LENGTHS BY 1.50, UNO.
- WHERE NOTES #3 AND #4 OCCUR, MULTIPLY LAP LENGTHS BY 2.00, UNO.
- WHERE CLASS A LAP SPLICE IS NOTED IN DETAIL, DIVIDE LENGTH ABOVE BY 1.30.

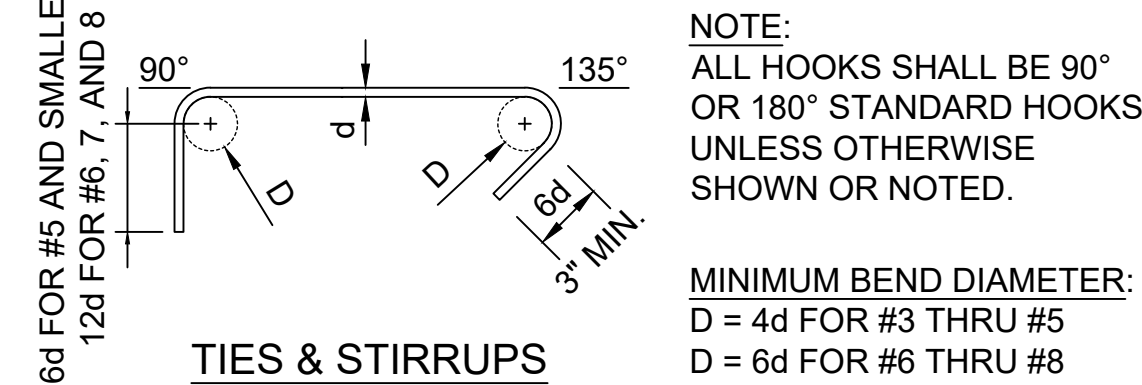
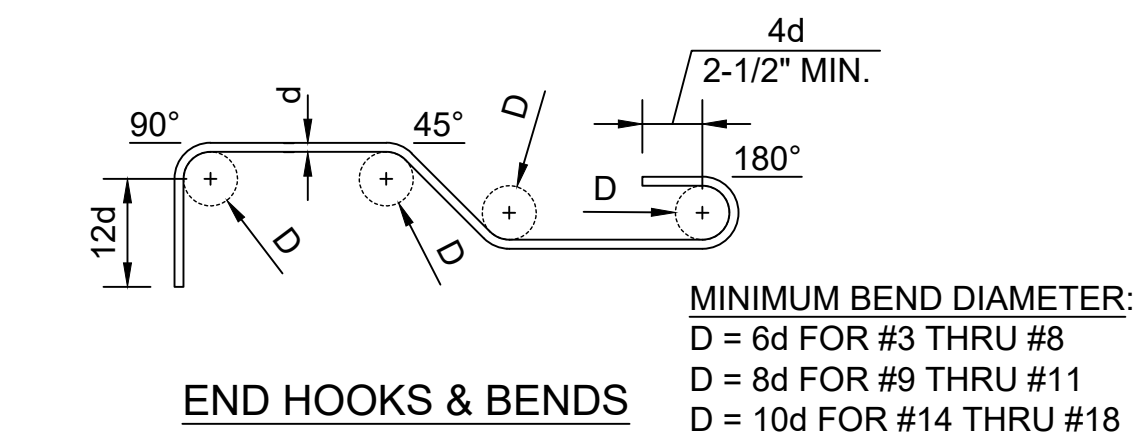


SINGLE LAYER BARS



DOUBLE LAYER BARS

1 CORNER REINFORCING AT CONCRETE FOOTINGS
SCALE@22X34 3/8" = 1'-0"



2 STANDARD REBAR HOOKS & BENDS
SCALE@22X34 1 1/2" = 1'-0"

ABBREVIATIONS

'	FEET	Ø, D OR DIA	DIAMETER	H	HEIGHT	RC	RELATIVE COMPACTION
" OR IN	INCHES	D	DEPTH	HDG	HOT DIP GALVANIZE	RSP	ROCK SLOPE PROTECTION
&	AND	DBH	DIAMETER AT BREAST HEIGHT	HMA	HOT MIX ASPHALT	S	SOUTH
#	NUMBER OR POUNDS	DI	DRAINAGE INLET, DROP INLET	HOR	HORIZONTAL	S=	SLOPE
(E)	EXISTING	DIAG	DIAGONAL	HW	HEAD WALL	SCD	SEAT COVER DISPENSER
(N)	NEW	DIM	DIMENSION	ID	INSIDE DIAMETER	SCH	SCHEDULE
@	AT	DG	DECOMPOSED GRANITE	IE	INVERT ELEVATION	SCO	SANITARY CLEAN OUT
AB	AGGREGATE BASE	DTL	DETAIL	L	LENGTH	SD	SOAP DISPENSOR
AC	ASPHALTIC CONCRETE	DWG	DRAWING	LAV	LAVATORY	SF	SQUARE FEET
ADA	AMERICAN DISABILITIES ACT	E	EAST	LF	LINEAR FEET	SND	SANITARY NAPKIN DISPOSAL
ADJ	ADJUSTABLE	EA	EACH	LS	LANDSCAPE	SPEC'S	SPECIFICATIONS
AFF	ABOVE FINISH FLOOR	EF	EACH FACE	LVR	LOUVER	SQ	SQUARE
APPROX	APPROXIMATE	EG	EXISTING GRADE ELEVATION	MAX	MAXIMUM	SS	STAINLESS STEEL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	ELV	ELEVATION	MFR	MANUFACTURER	STA	STATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	EOG	EDGE OF GUTTER	MIN	MINIMUM	STD	STANDARD
AWS	AMERICAN WELDING SOCIETY	EP	EDGE OF PAVEMENT	MISC	MISCELLANEOUS	TC	TOP OF CURB ELEVATION
BC	BOTTOM OF CURB ELEVATION	EQ	EQUAL	N	NORTH	TD	TRENCH DRAIN
BLDG	BUILDING	(E)P	EXISTING PAVEMENT ELEVATION	N/A	NOT APPLICABLE	TPD	TOILET PAPER DISPENSER
B.O.	BOTTOM OF	(E)S	EXISTING STAIR ELEVATION	NPT	NATIONAL PIPE TAPER	T.O.	TOP OF
BW	BOTTOM OF WALL ELEVATION	(E)TC	EXISTING TOP OF CURB ELEVATION	NTS	NOT TO SCALE	TW	TOP OF WALL ELEVATION
CL	CENTERLINE	EV	ELECTRONIC VEHICLE	NW	NORMAL WEIGHT	TYP	TYPICAL
C	CONCRETE ELEVATION	EW	EACH WAY	OC	ON CENTER	UL	UNLIMITED
CBC	CALIFORNIA BUILDING CODE	EXP	EXPANSION	OD	OUTSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE
CIP	CAST-IN-PLACE	FF	FINISH FLOOR ELEVATION	P	PAVEMENT ELEVATION	UTIL	UTILITY
CLR	CLEAR	FG	FINISH GRADE	PCC	PORTLAND CEMENT CONCRETE	VIF	VERIFY IN FIELD
CO	CLEAN OUT	FL	FLOW LINE	PT	POINT	W	WATER, WEST, WIDTH
CONC	CONCRETE	FOF	FACE OF FINISH	PTD	PAPER TOWER DISPENSER	WWF	WELDED WIRE FABRIC
CONT	CONTINUOUS	GALV	GALVANIZED	PVC	POLYVINYL CHLORIDE	W/	WITH
CP	CONTROL POINT	GB	GRADE BREAK	R	RADIUS		



FACILITIES AND DEVELOPMENT DIVISION



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DATE: _____ OCTOBER 2023

REVISIONS	DATE

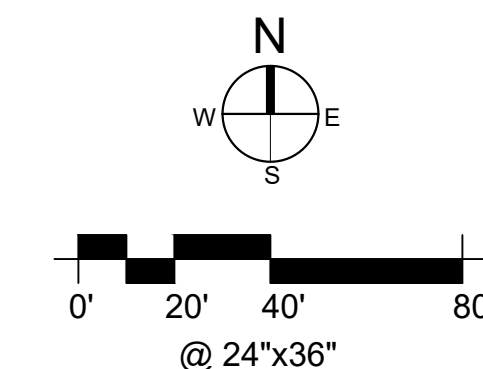
PESCADERO STATE BEACH - CENTRAL
VAULT RESTROOM REPLACEMENT
GENERAL NOTES & ABBREVIATIONS

206279.002

SHEET NO.
G-2
002 OF 038

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File: Q:\santa_cruz_districtwide\206279-sam_mateo_coast_tr_replace\05_drawings\Civil\G-3_LOCATION KEY.dwg Layout: Pescadero-Central_Overall SP Date: October 30 2023 - 3:20 pm User: tle



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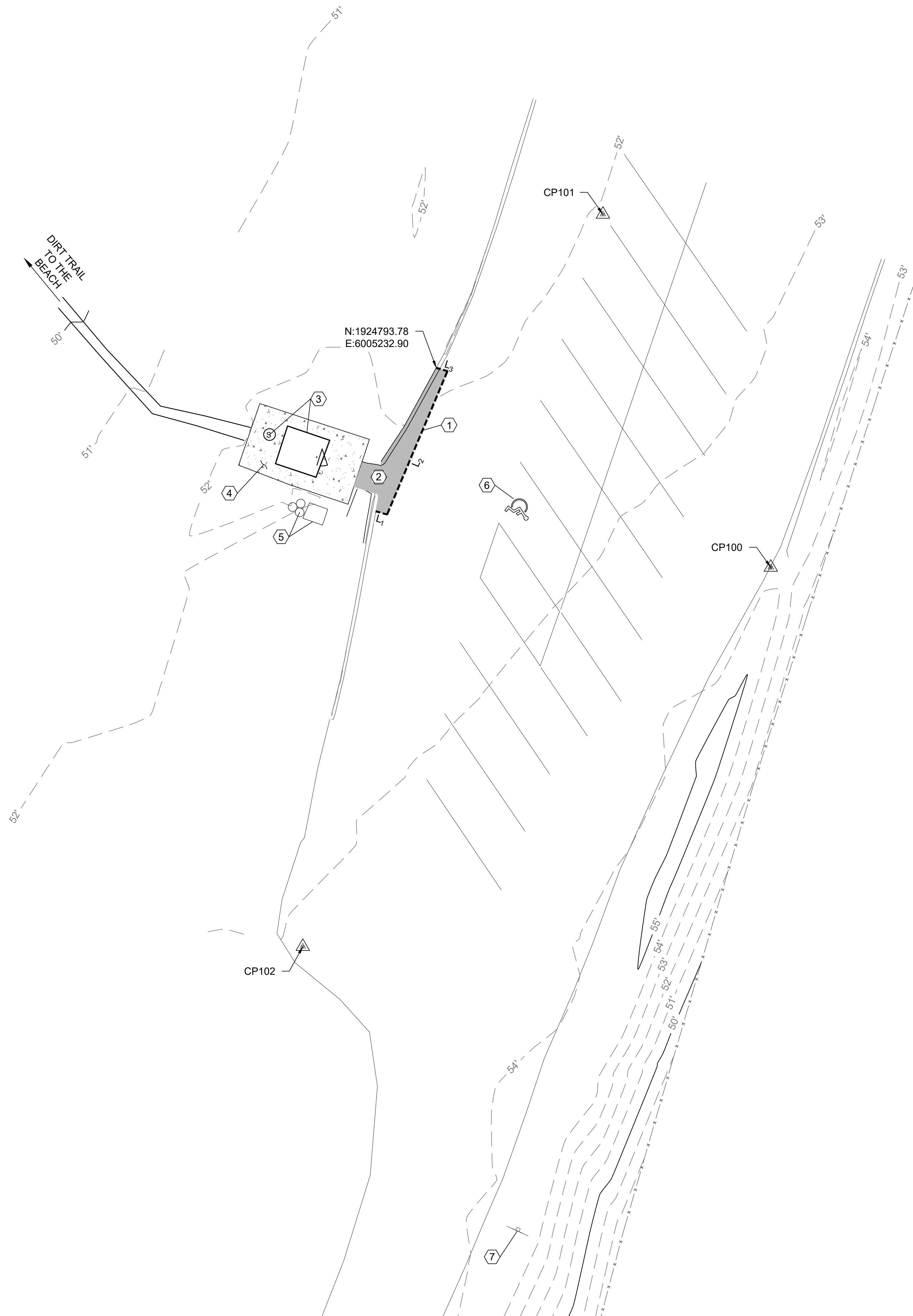
△	REVISIONS	DATE

PESCADERO STATE BEACH - CENTRAL
VAULT RESTROOM REPLACEMENT
OVER ALL SITE PLAN

206279.003

SHEET NO.
G-3
003 OF 038

File: Q:\santa_cruz_districtwide\206279-sam_mateo_coast_r_replace\05_drawings\Civil\C-15 EXISTING & DEMO PLAN - PESCADERO SB - CENTRAL.dwg Layout: C-15 Existing Condition & Demo Plan - PESCADERO Central Date: October 30 2023 - 1:19 pm \$\$\$\$



DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT ASPHALT, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ③ PUMP (E) VAULT, REMOVE & DISPOSE OF (E) VAULT TOILET
- ④ REMOVE & DISPOSE (E) CONCRETE, LIMITS PER PLAN
- ⑤ SALVAGE (E) TRASH AND RECYCLE CONTAINERS AND RELOCATE PER STATE REPRESENTATIVE
- ⑥ OBLITERATE (E) PAVEMENT MARKINGS
- ⑦ (E) SIGN TO REMAIN

LEGEND

- ASPHALT DEMOLITION
- CONCRETE DEMOLITION
- (E) STRIPING
- SAWCUT
- (E) CALTRANS CHAIN LINK FENCE
- SURVEY CONTROL POINT

SAWCUT LINE TABLE

LINE	LENGTH	BEARING
L ₁	2.00'	S73°50'55"E
L ₂	26.69'	N22°50'46"E
L ₃	2.00'	N73°50'55"W

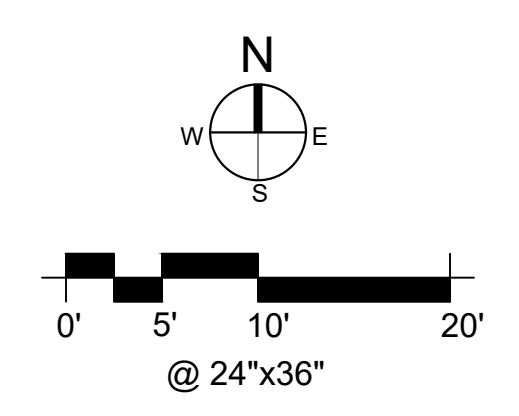
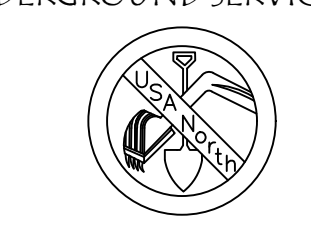
SURVEY CONTROL POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1924759.58'	6005290.27'	53.78'	SET MAG NAIL
CP101	1924820.09'	6005261.48'	52.08'	SET MAG NAIL
CP102	1924694.58'	6005210.02'	53.18'	SET MAG NAIL

GENERAL NOTES:

- 1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



FACILITIES AND DEVELOPMENT DIVISION



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DATE: _____ OCTOBER 2023

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PESCADERO STATE BEACH - CENTRAL
 VAULT RESTROOM REPLACEMENT
EXISTING CONDITION & DEMO PLAN

206279.018

SHEET NO.
C-15
018 OF 038



FACILITIES AND DEVELOPMENT DIVISION



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PESCADERO STATE BEACH - CENTRAL
VAULT RESTROOM REPLACEMENT
**PAVING, HORIZONTAL CONTROL &
GRADING PLAN**

206279.019

SHEET NO.
C-16
019 OF 038

CONSTRUCTION NOTES

- 1 INSTALL A DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON C-34, REFER TO DTL 32 ON C-25
- 2 CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-29, REFER TO DTL 32 - 33 ON C-25, 1.5% MAX SLOPE ANY DIRECTION
- 3 CONSTRUCT 5" PCC ON 6" CLASS 2 AB CONC SITEWALK PER DTL 2 ON C-29, REFER TO DTL 32 ON C-25, LANDING 1.5% MAX SLOPE ANY DIRECTION
- 4 INSTALL YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-28 & REFER TO DTL 32 ON C-25
- 5 INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN, PER TO DTL 5 ON C-29, REFER TO DTL 33 ON C-25
- 6 INSTALL VAN ACCESSIBLE PARKING STALL PER DTL 1 ON C-28
- 7 INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-28
- 8 INSTALL WHEEL STOP PER DTL 9 ON C-28
- 9 INSTALL (N) TRASH - RECYCLE CONTAINERS PER DTL 4 ON C-30

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) TRUNCATED DOME
- CUT/FILL SOIL
- ACCESSIBLE PATH OF TRAVEL
- SURVEY CONTROL POINT

LINE TABLE		
LINE	LENGTH	BEARING
L ₁	44.06'	S57°11'51"W
L ₂	18.00'	N73°50'55"W
L ₃	23.50'	S16°09'05"W
L ₄	1.67'	S73°50'55"E
L ₅	11.92'	S16°09'05"W
L ₆	14.33'	S73°50'55"E
L ₇	8.92'	N16°09'05"E
L ₈	6.84'	S73°50'55"E
L ₉	6.50'	N16°09'05"E
L ₁₀	17.42'	N28°44'33"E
L ₁₁	8.80'	N73°50'55"W

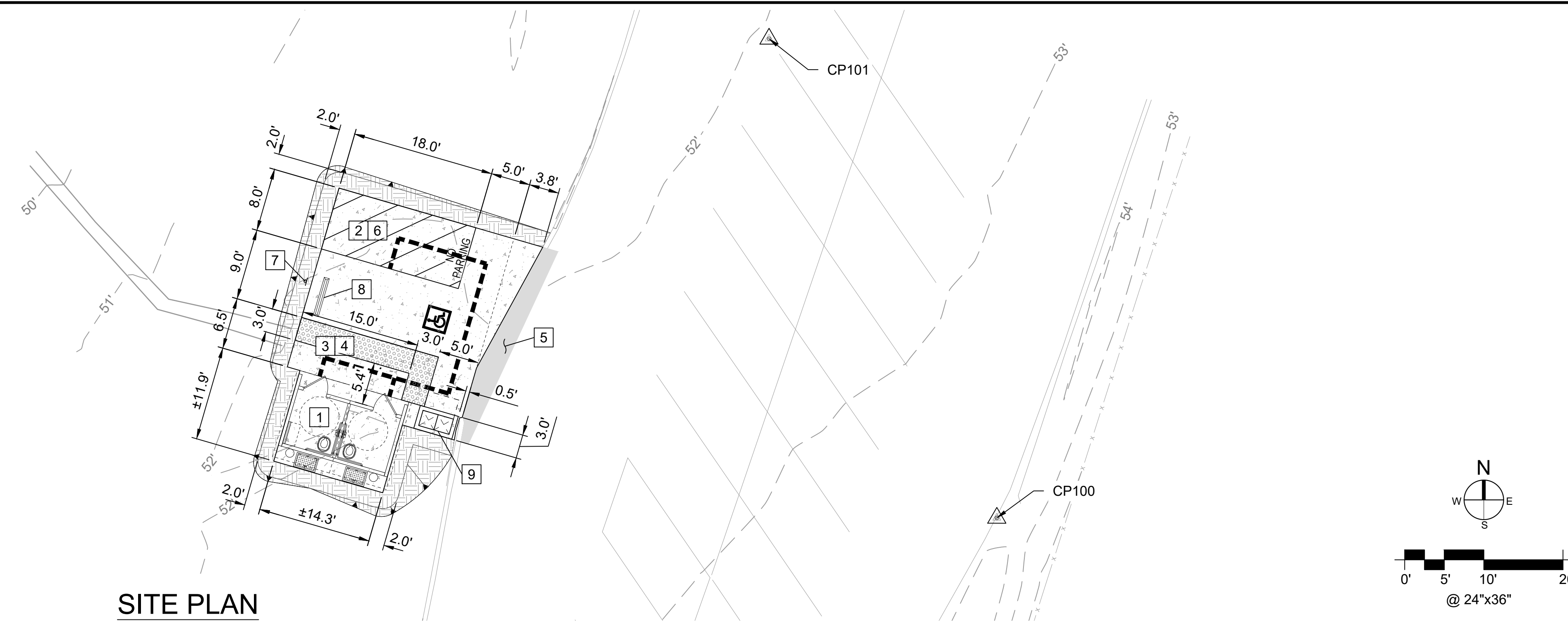
GENERAL NOTES:

1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

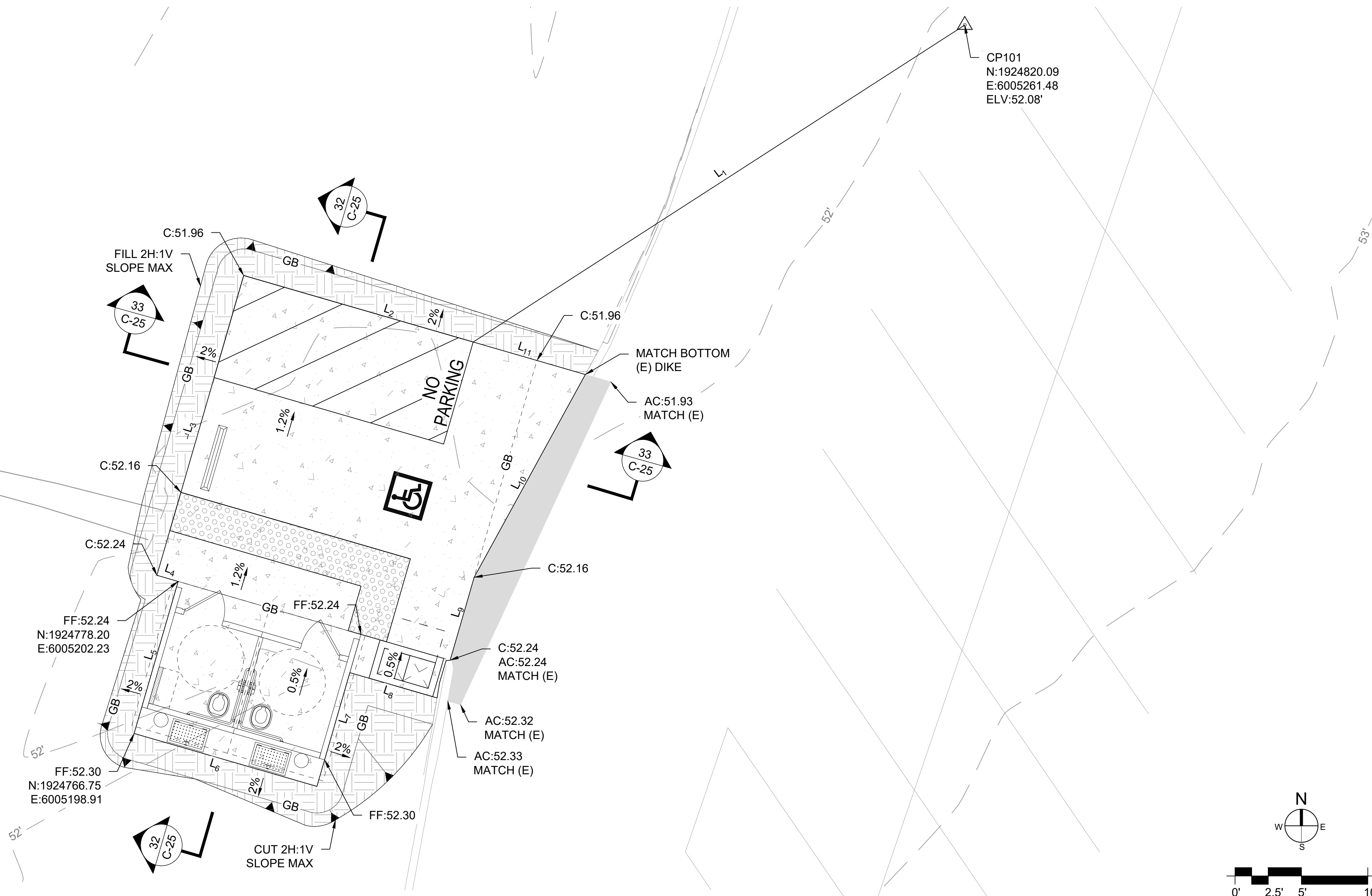
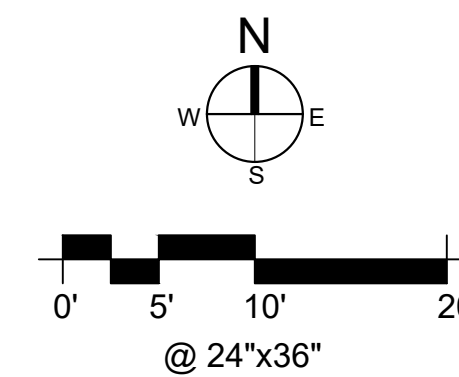
UNDERGROUND SERVICE ALERT



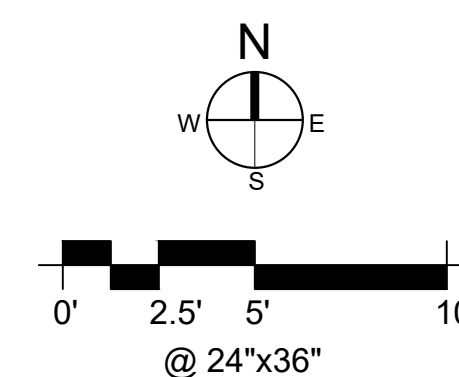
1-800-642-244
CALL BEFORE YOU DIG



SITE PLAN



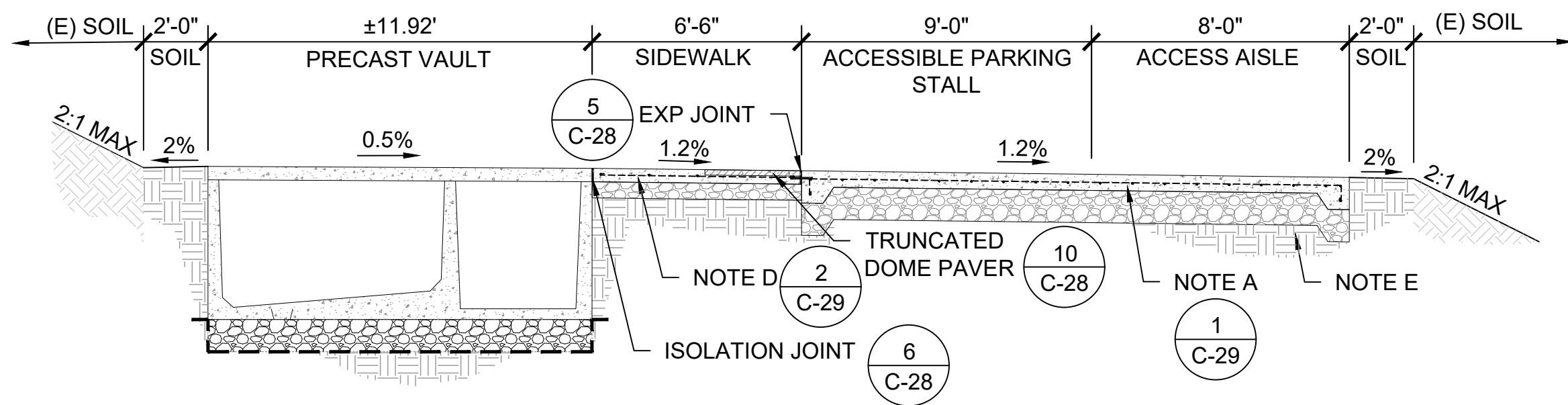
GRADING & HORIZONTAL CONTROL PLAN



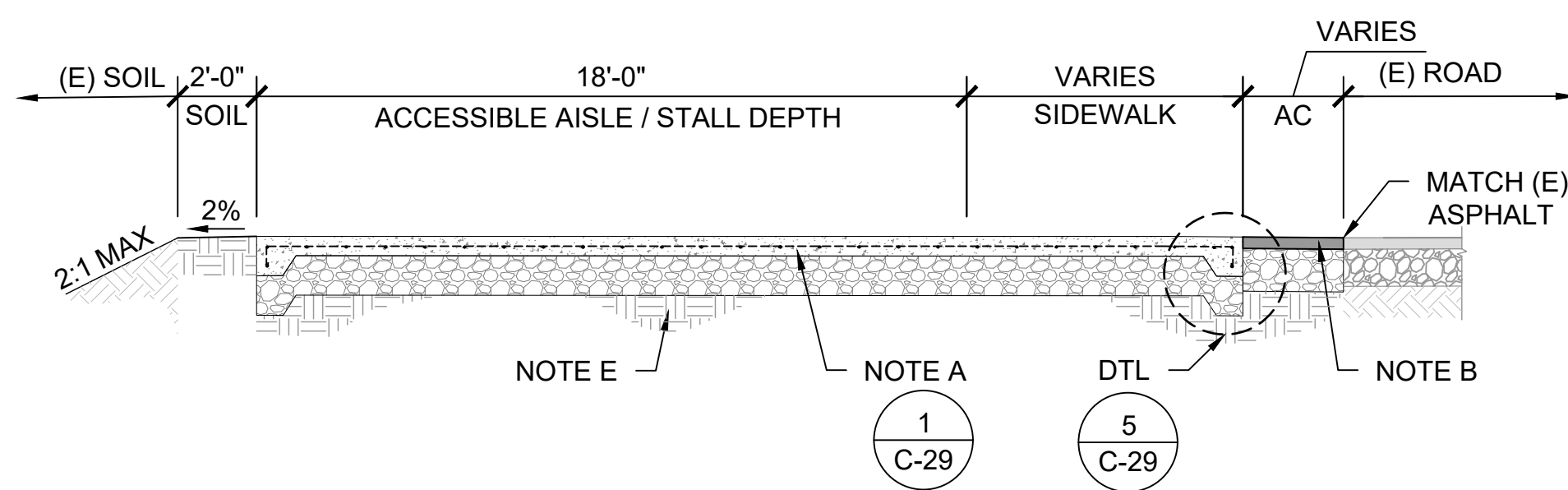
File: Q:\santa_cruz_district\wide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-9 SITE PLAN - POMPONIO SB.dwg Layout: C-9 SITE PLAN - POMPONIO SB Date: June 22 2023 - 1:03 pm User: ile



FACILITIES AND DEVELOPMENT DIVISION



32 GRADING & PAVING SECTION - PESCADERO SB-CENTRAL
SCALE@22X34 1/4" = 1'-0"



33 GRADING & PAVING SECTION - PESCADERO SB-CENTRAL
SCALE@22X34 1/4" = 1'-0"



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION NORTHERN SERVICE CENTER

DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- D. 5" PCC ON CLASS 2 AB, PER GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-29, REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-29.
- F. 6" AGGREGATE PAVING ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
- G. GRADING PER PLAN SHEET C-2 THROUGH C-21
- H. SOIL CONDITIONS VARY AT EACH SITE LOCATION, SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
- PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
- CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
- SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022 AND REVISED JANUARY 5, 2023

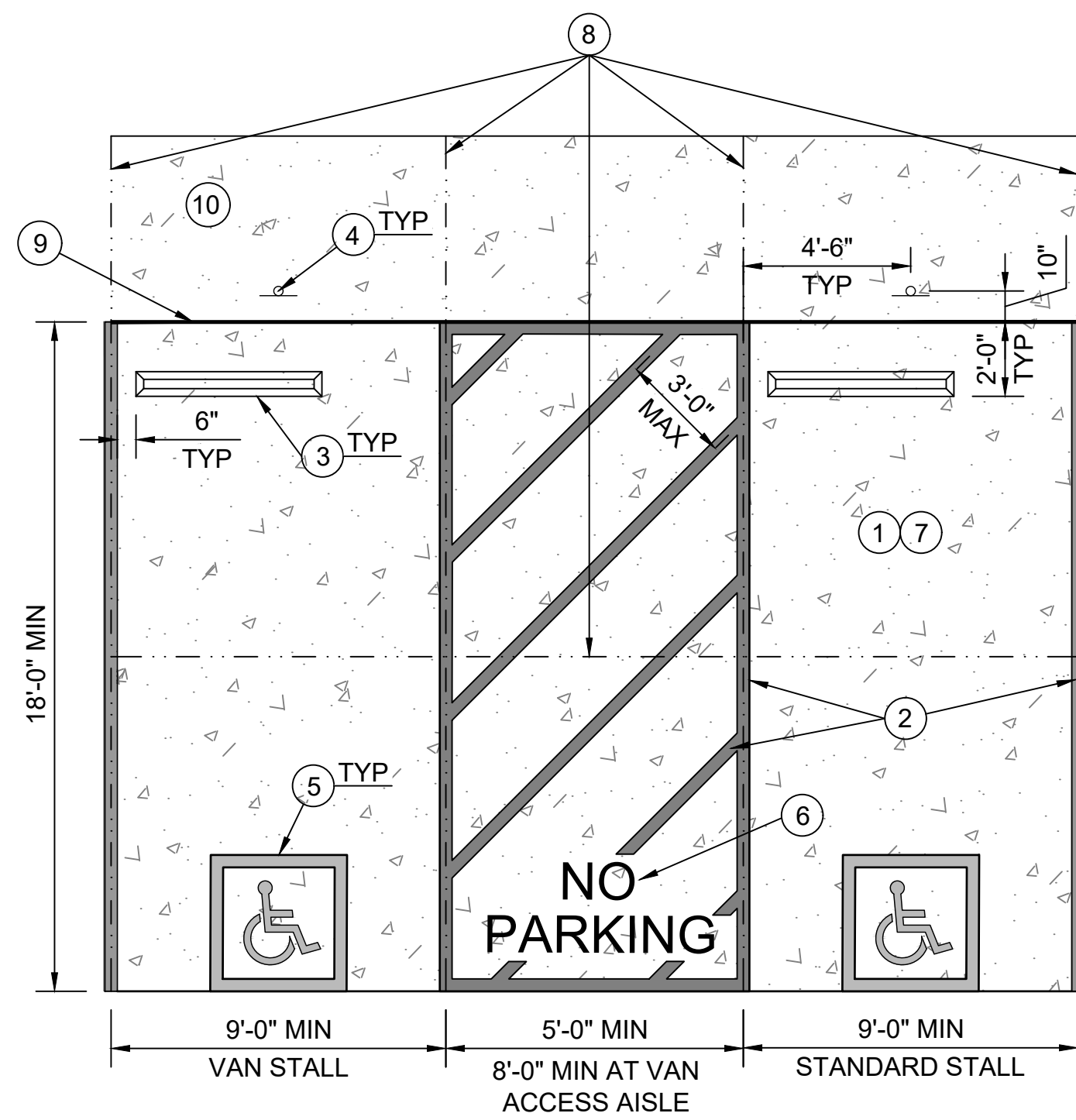
PESCADERO STATE BEACH - CENTRAL
VAULT RESTROOM REPLACEMENT
GRADING & PAVING SECTIONS 4

206279.028

SHEET NO.

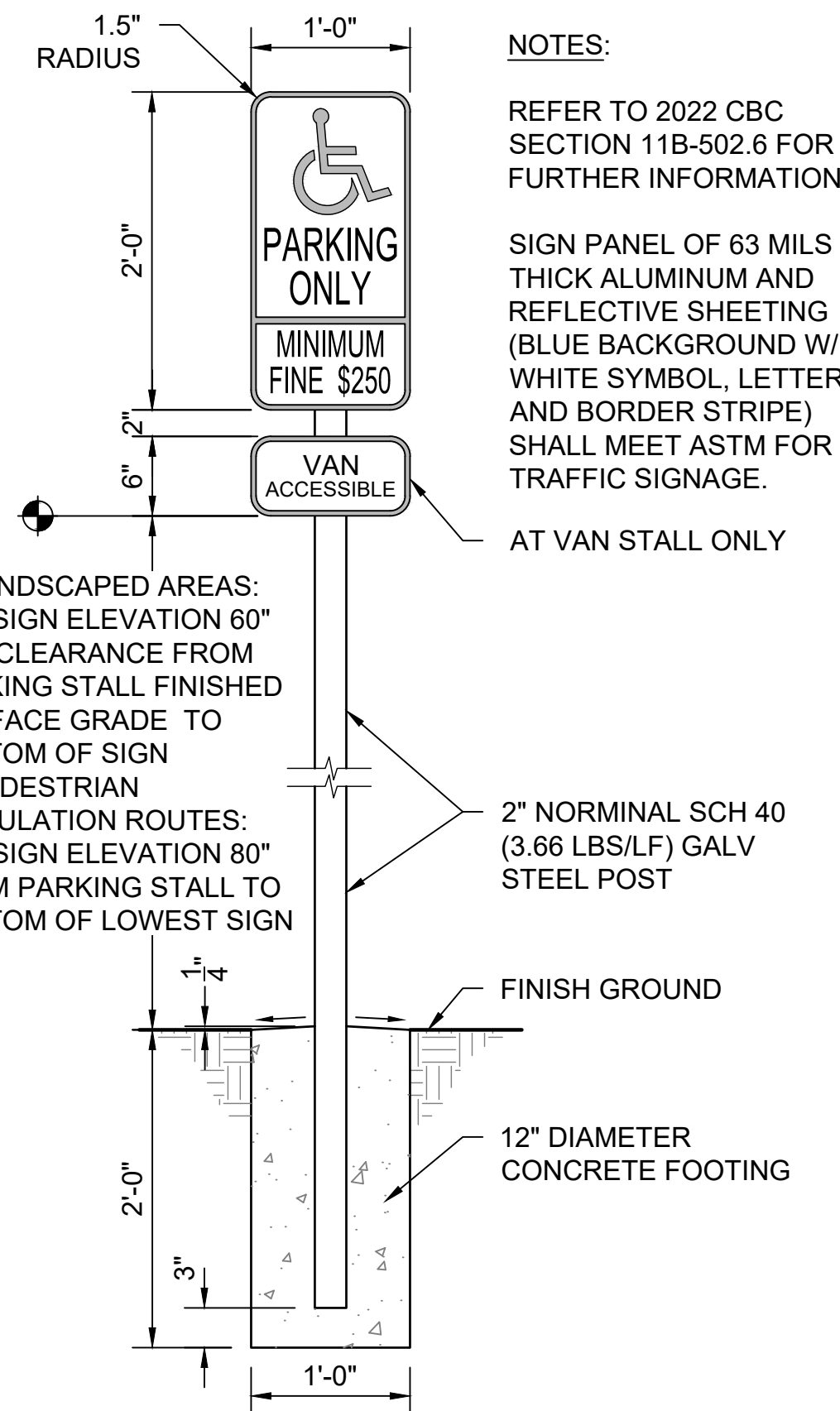
C-25
028 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_it_replace\05_drawings\Civil\C-28 ACCESSIBLE PARKING & CONCRETE JOINT DETAILS.dwg Layout: C-28 ADA Parking & Conc Joint Dets - Pescadero-Central Date: October 30, 2023 - 12:28 pm User: S(++)

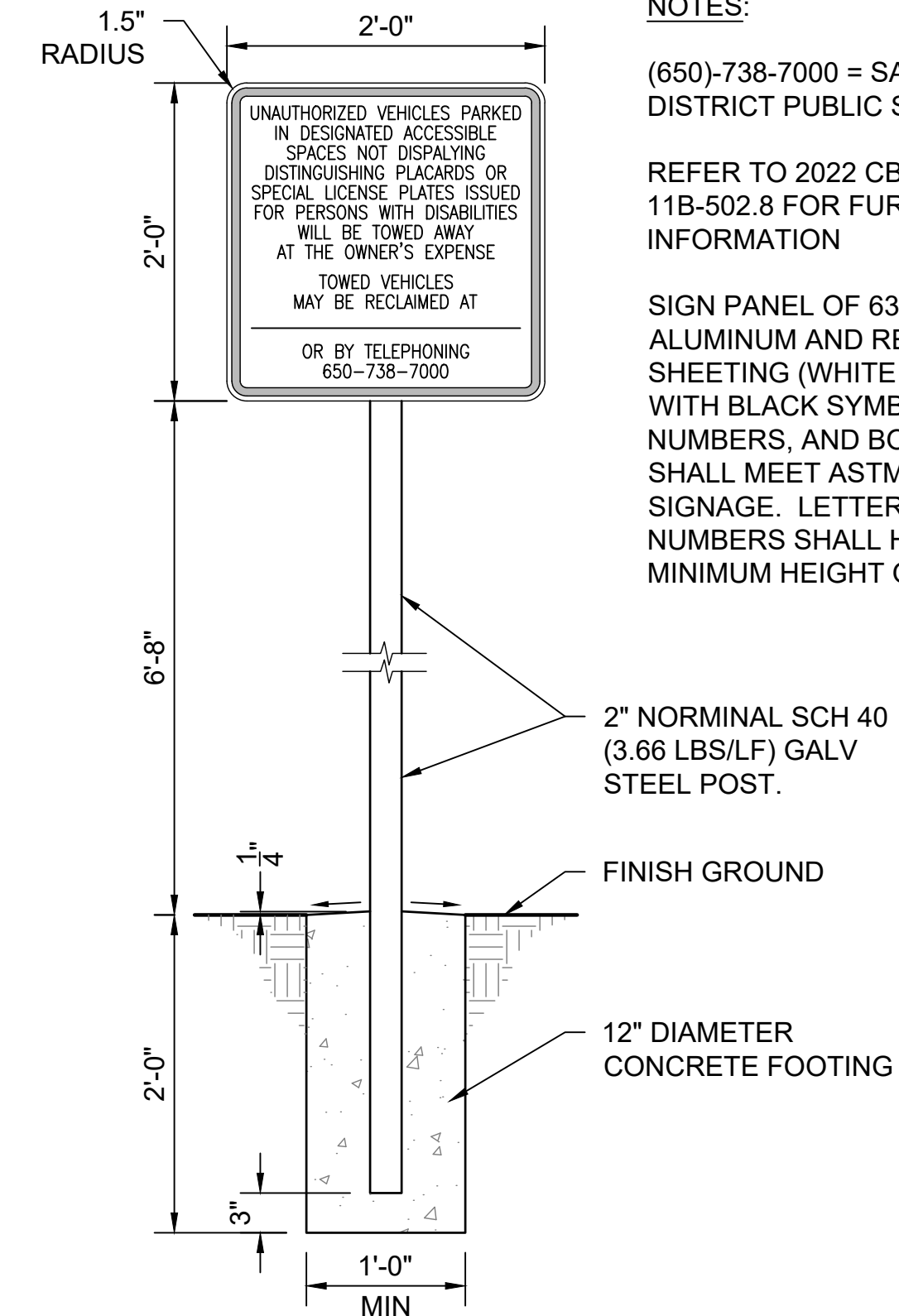


- NOTES:**
- PARKING PAD TO BE CIP CONC PER DETAIL 1 ON SHEET C-29
 - 4" WIDE PAINTED BLUE LINES, TYP 45 DEGREE LINES SHALL BE 36" MAX OC
 - INSTALL CONC WHEEL STOPS PER DETAIL 9 ON THIS SHEET
 - INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 2 ON THIS SHEET
 - INSTALL ACCESSIBLE SYMBOL PER DETAIL 4 ON THIS SHEET
 - "NO PARKING" TEXT SHALL BE PAINTED ON THE GROUND IN WHITE PAINT NO LESS THAN 12 INCHES PER CBC SECTION 11B.502.3.3 "MARKING"
 - ACCESSIBLE PARKING STALLS TO HAVE A MAX 1.8% SLOPE IN ANY DIRECTION, REFER TO 2022 CBC SECTION 11B-502 FOR FURTHER INFORMATION.
 - CONTRACTION JOINTS PLACED IN SAME LOCATION AS PARKING STALL JOINTS, AND PLACED AT MIDWAY OF STALL, PER DETAIL 7 ON THIS SHEET
 - EXPANSION JOINT PER DETAIL 5 ON THIS SHEET
 - SIDE WALK TO BE CIP CONC PER DETAIL 2 ON SHEET C-29

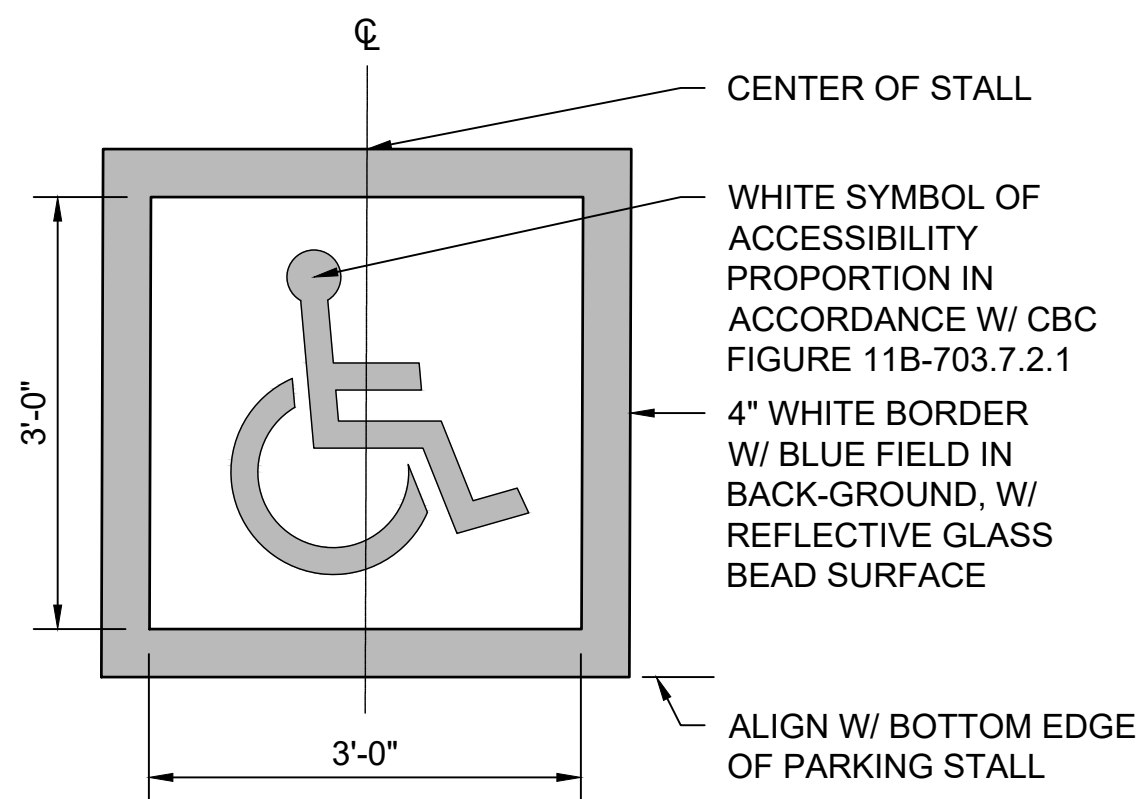
1 ACCESSIBLE PARKING STALLS - TYPICAL
SCALE@22X34 1/4" = 1'-0"



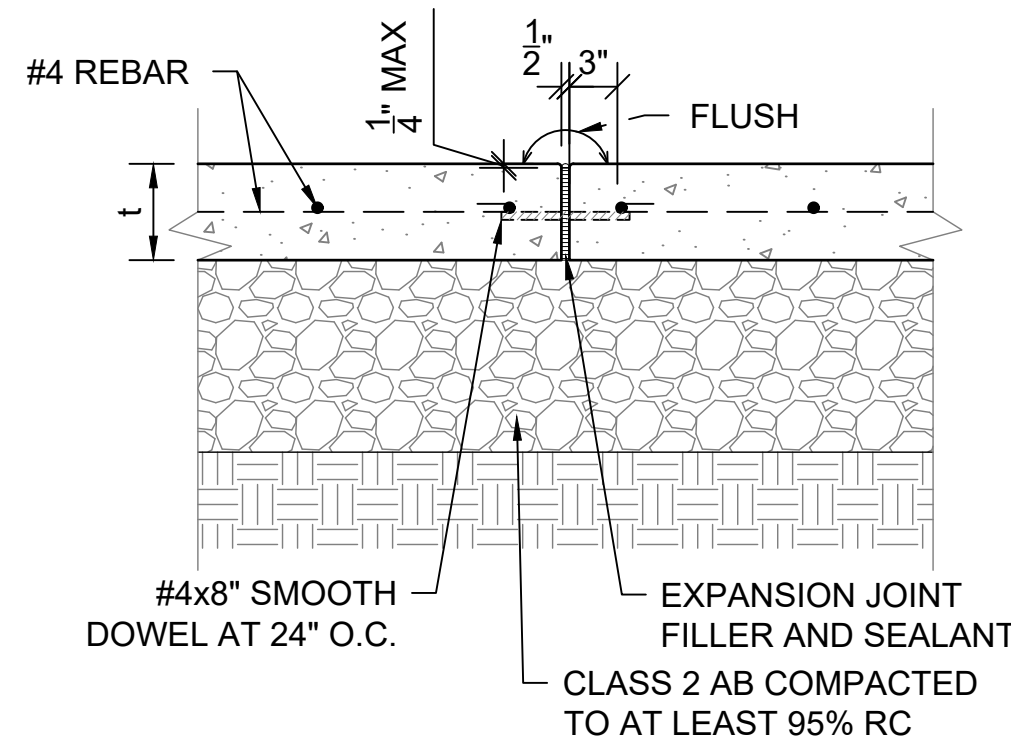
2 ACCESSIBLE PARKING SIGN
SCALE@22X34 1" = 1'-0"



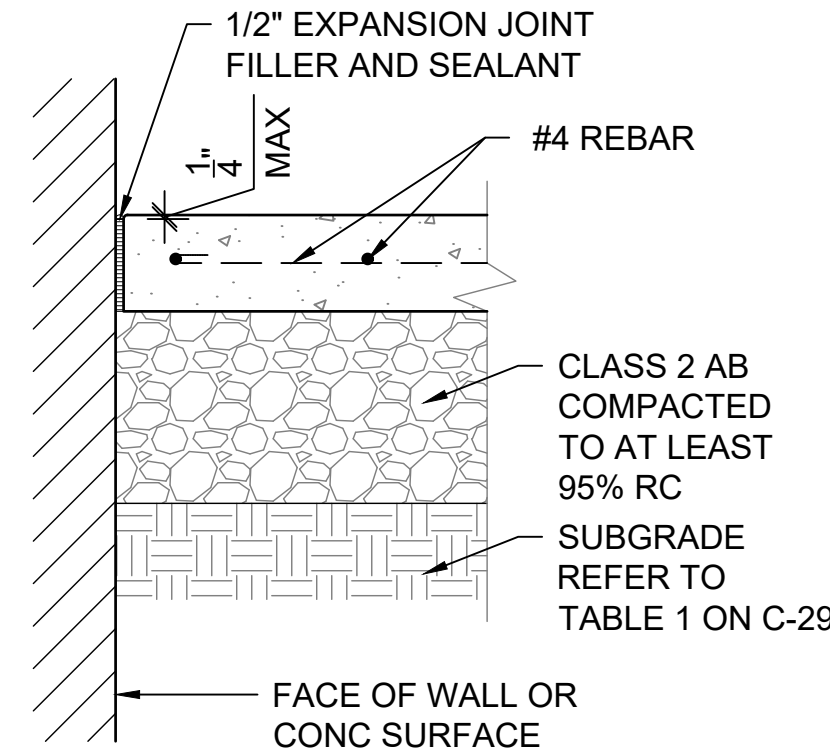
3 TOW-AWAY SIGN
SCALE@22X34 1" = 1'-0"



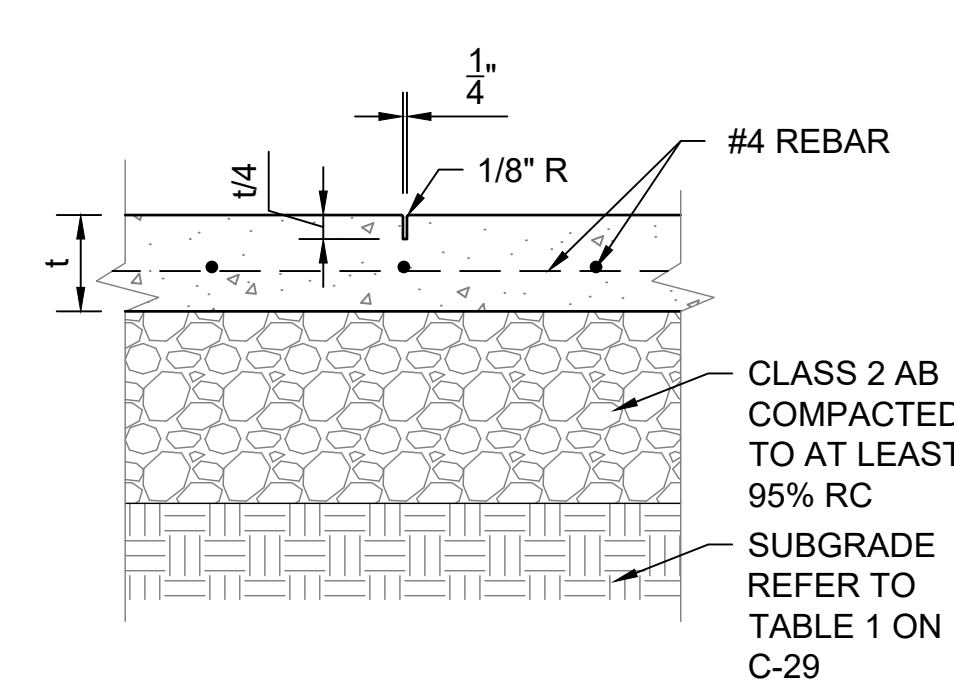
4 INTERNATIONAL SYMBOL OF ACCESSIBILITY
SCALE@22X34 3/4" = 1'-0"



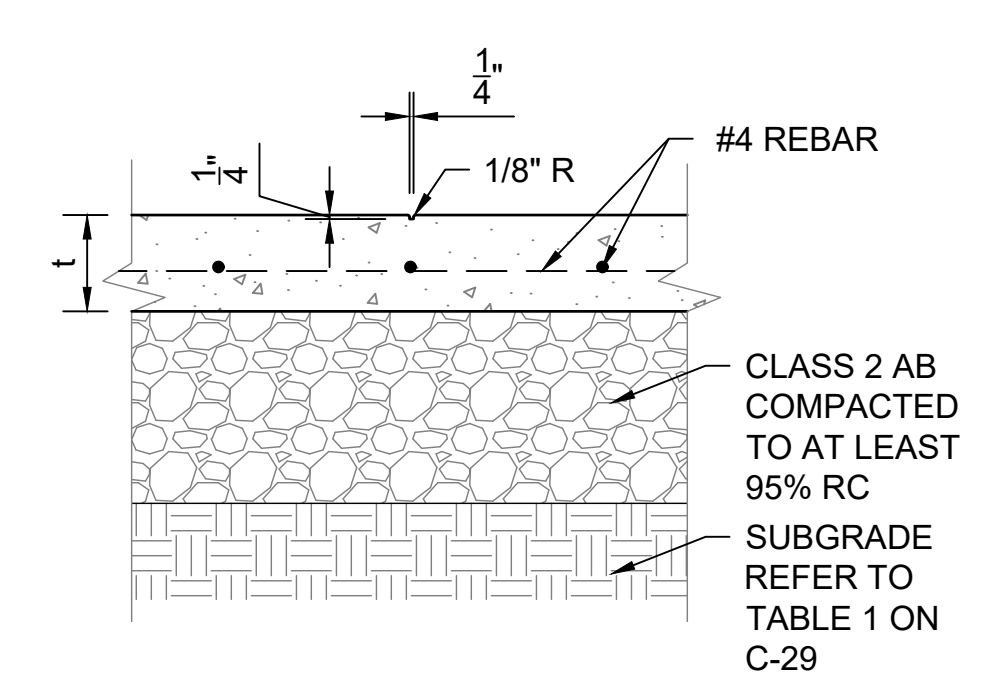
5 EXPANSION JOINT
SCALE@22X34 1" = 1'-0"



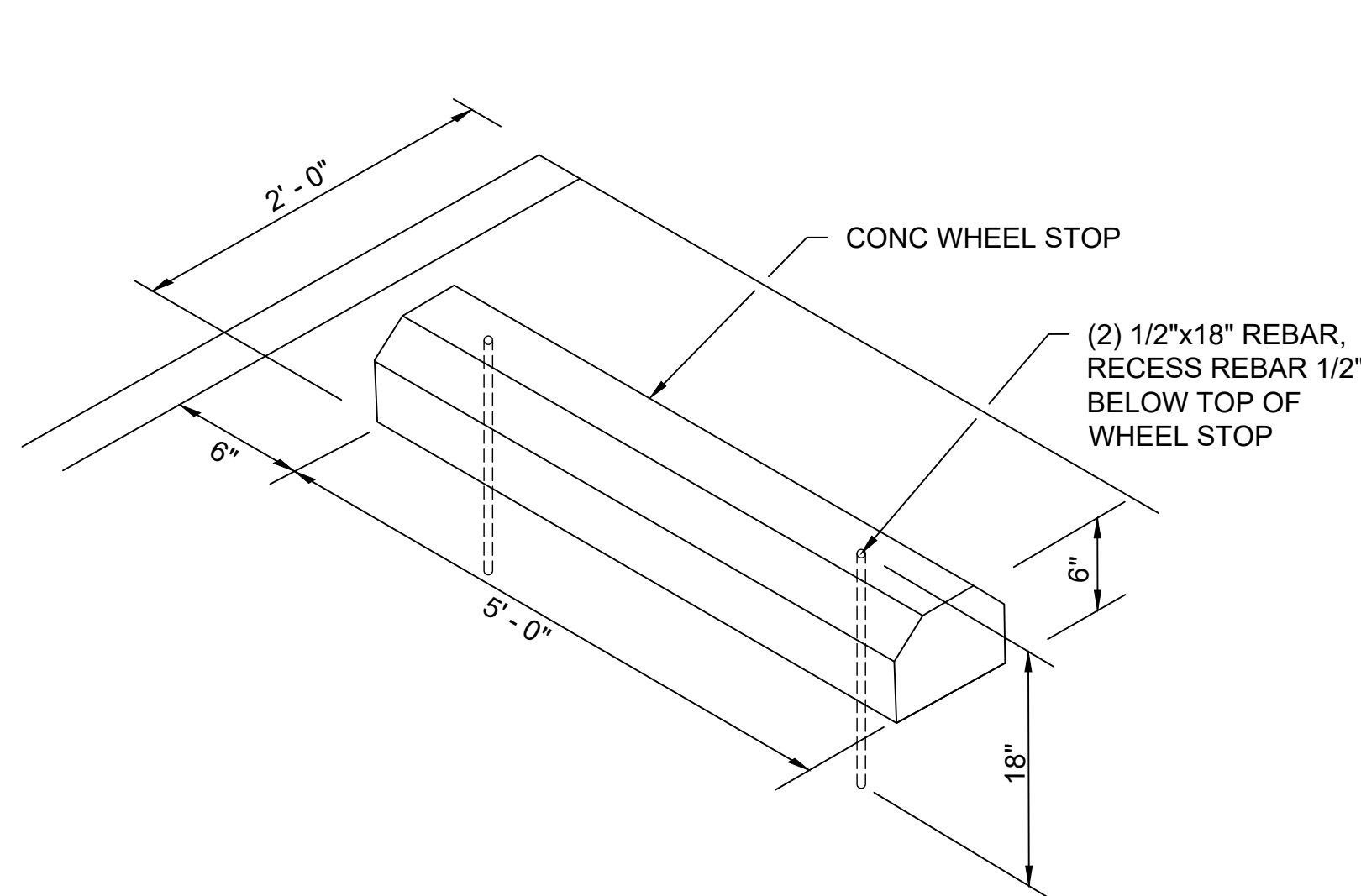
6 ISOLATION JOINT
SCALE@22X34 1" = 1'-0"



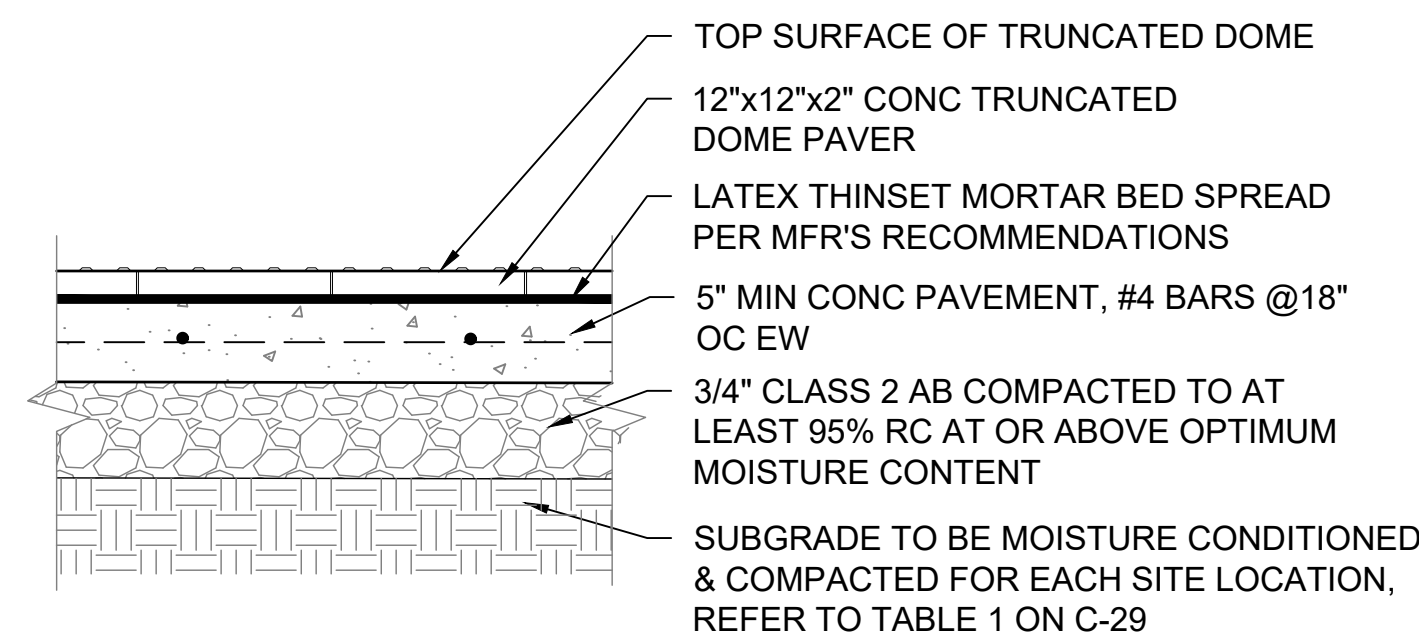
7 CONTRACTION JOINT
SCALE@22X34 1" = 1'-0"



8 SCORE JOINT
SCALE@22X34 1" = 1'-0"



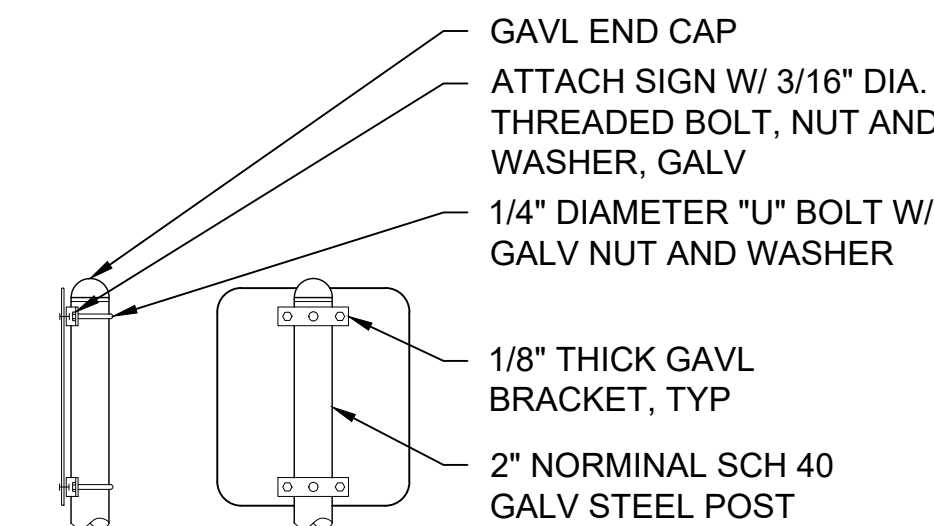
9 CONCRETE WHEEL STOP
SCALE@22X34 1" = 1'-0"



- NOTES:**
- CONC SLAB SHALL BE SLOPED TO PROVIDE COMPLETE SURFACE DRAINAGE.
 - SEE SPECIFICATION FOR CONC PAVING FINISH
 - SWEEP JOINTS WITH SAND OR GROUT
 - TRUNCATED DOME PAVER TO BE WAUSAU DOME TILE/ADA-50 OR EQUAL.
 - TRUNCATED DOME PAVER SHALL MEET FLUSH W/ ADJACENT FINISH SURFACE.
 - TRUNCATED DOME PAVER SHALL COMPLY W/ CBC 2022 SECTION 11B-705.1 THROUGH 705.1.1.3.2

10 TRUNCATED DOME PAVER
SCALE@22X34 1" = 1'-0"

- NOTES:**
- "VAN ACCESSIBLE" PARKING STALL SIGN SHALL BE INSTALLED AT LOCATION SHOWN ON DETAIL 1 THIS SHEET
 - CENTER SIGNS ON PARKING STALLS
 - VERIFY SIGN LOCATION PRIOR TO INSTALLATION WITH THE STATE REPRESENTATIVE
 - BORDER SYMBOLS AND LETTERING TO BE REFLECTIVE



SIDE VIEW BACK VIEW

11 SIGN INSTALLATION
SCALE@22X34 1" = 1'-0"



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by Date
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

PESCADERO STATE BEACH - CENTRAL
VAULT RESTROOM REPLACEMENT
ACCESSIBLE PARKING &
CONCRETE JOINT DETAILS

206279.031

SHEET NO.

C-28

031 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
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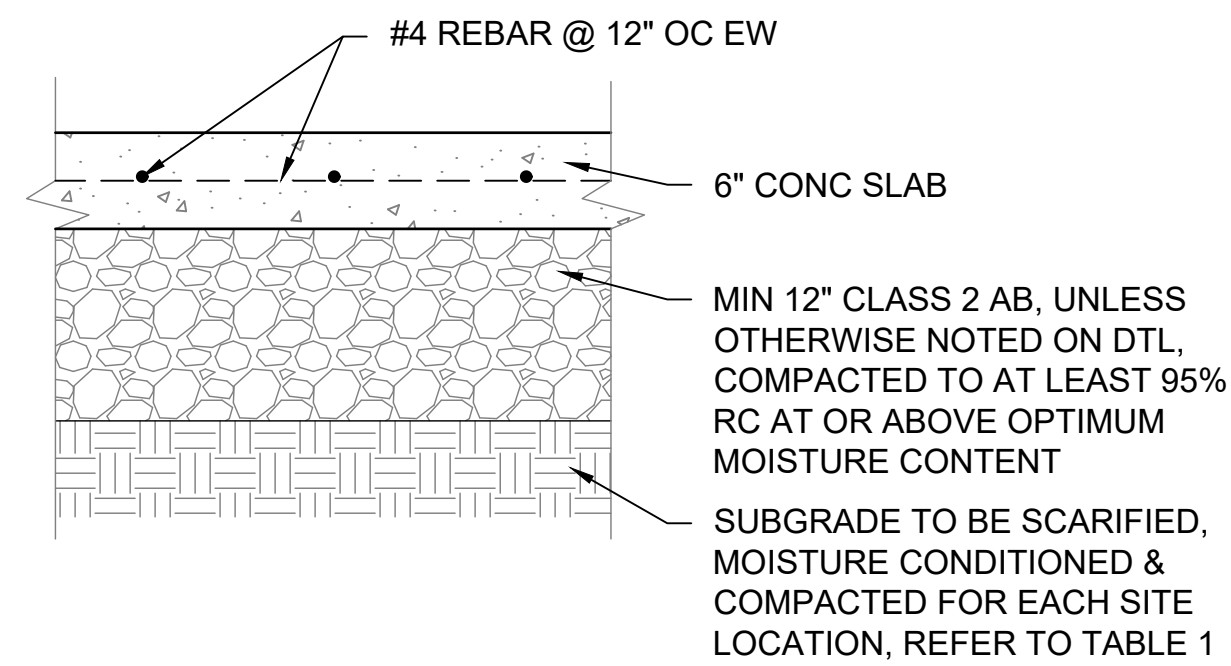
DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

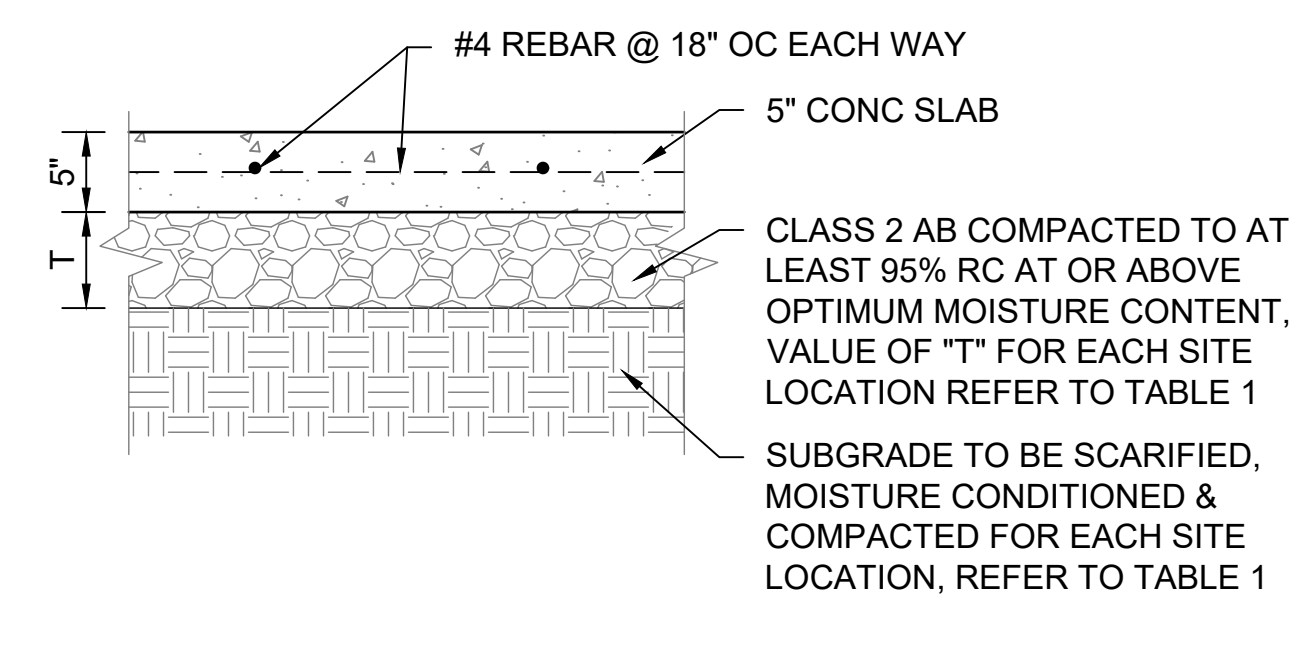
PESCADERO STATE BEACH - CENTRAL VAULT RESTROOM REPLACEMENT
SITE PAVING DETAILS

206279.032

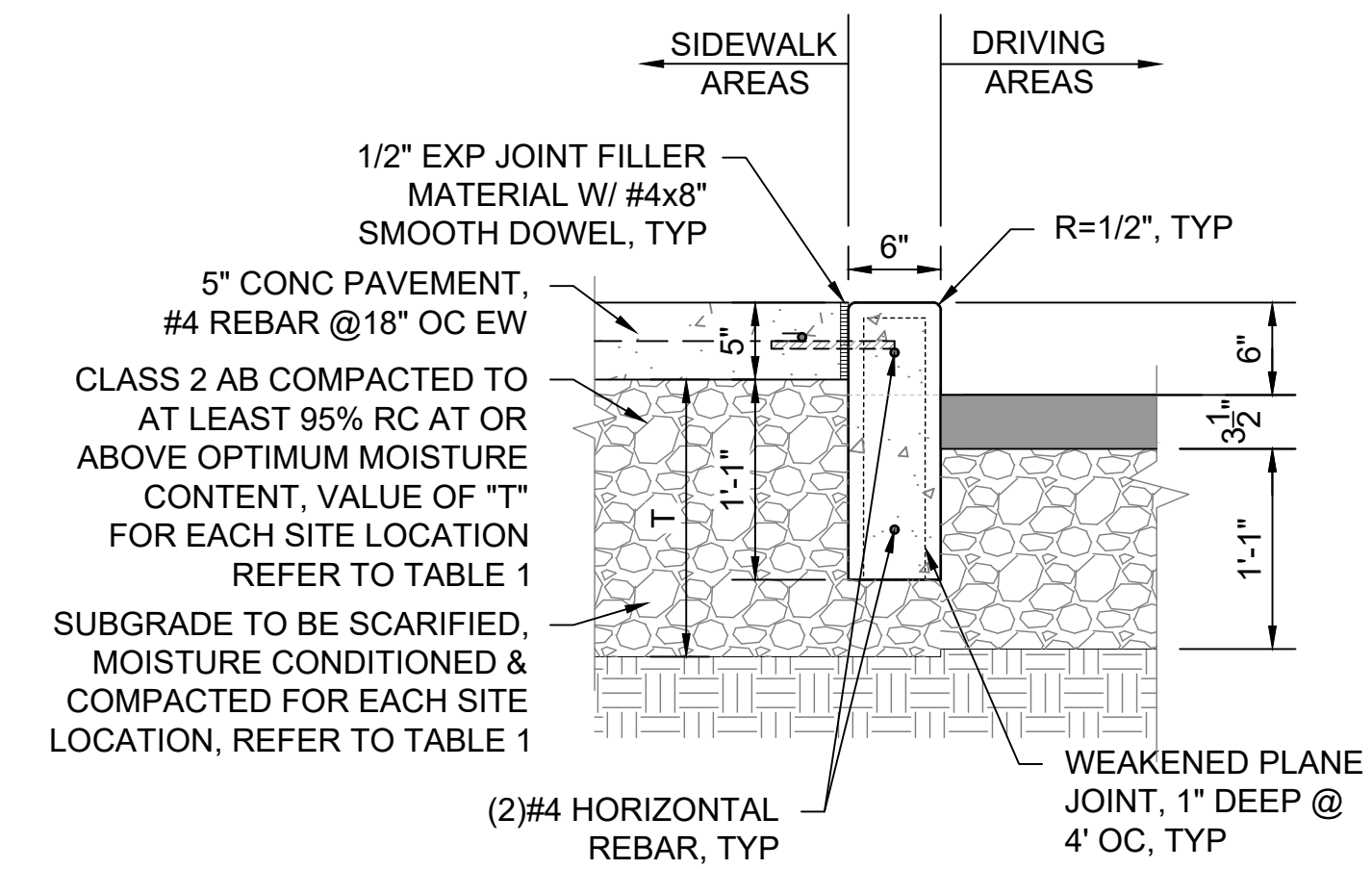
SHEET NO.
C-29
032 OF 038



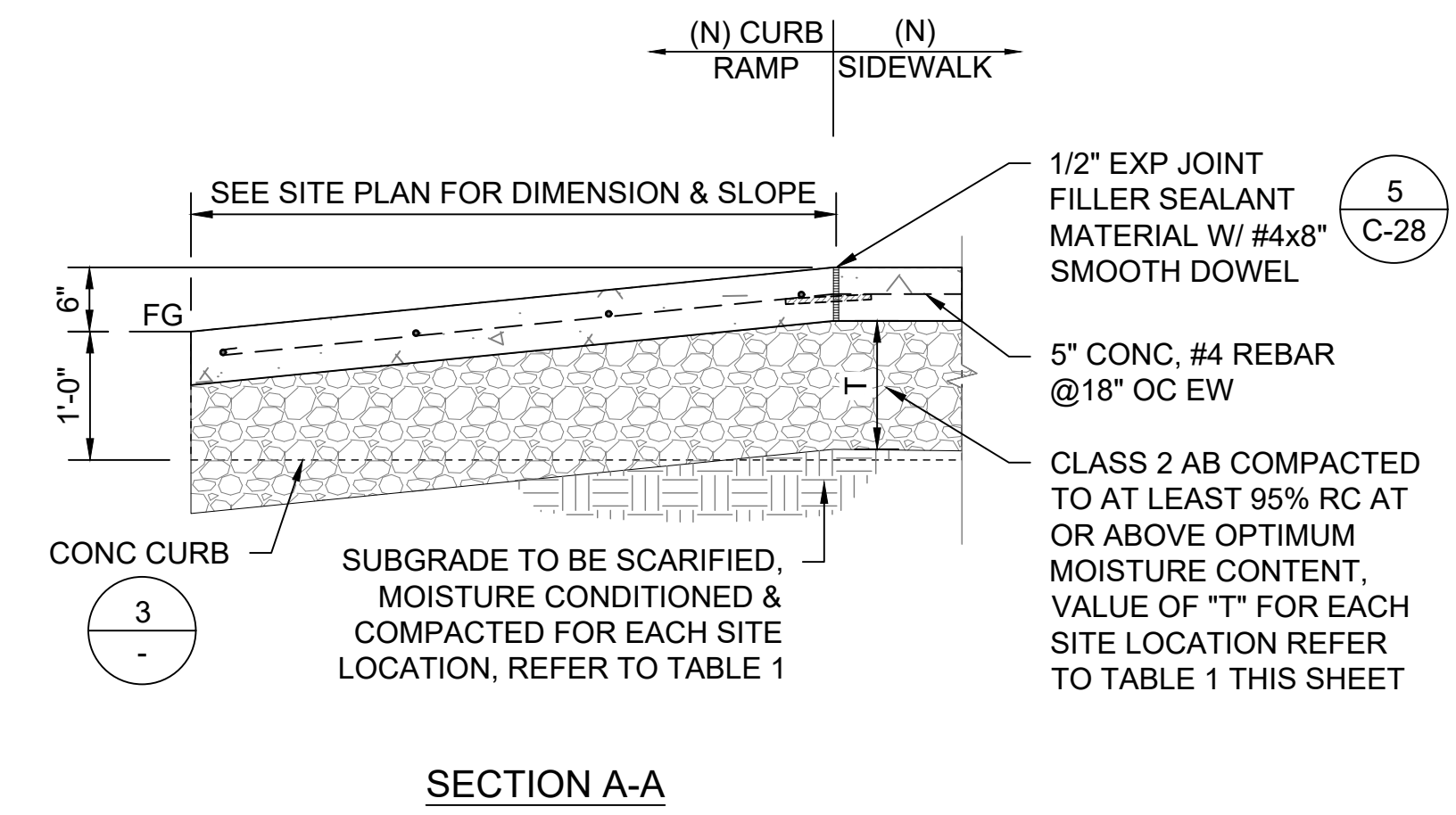
1 CONCRETE PARKING & DRIVING SLAB
SCALE@22X34 1" = 1'-0"



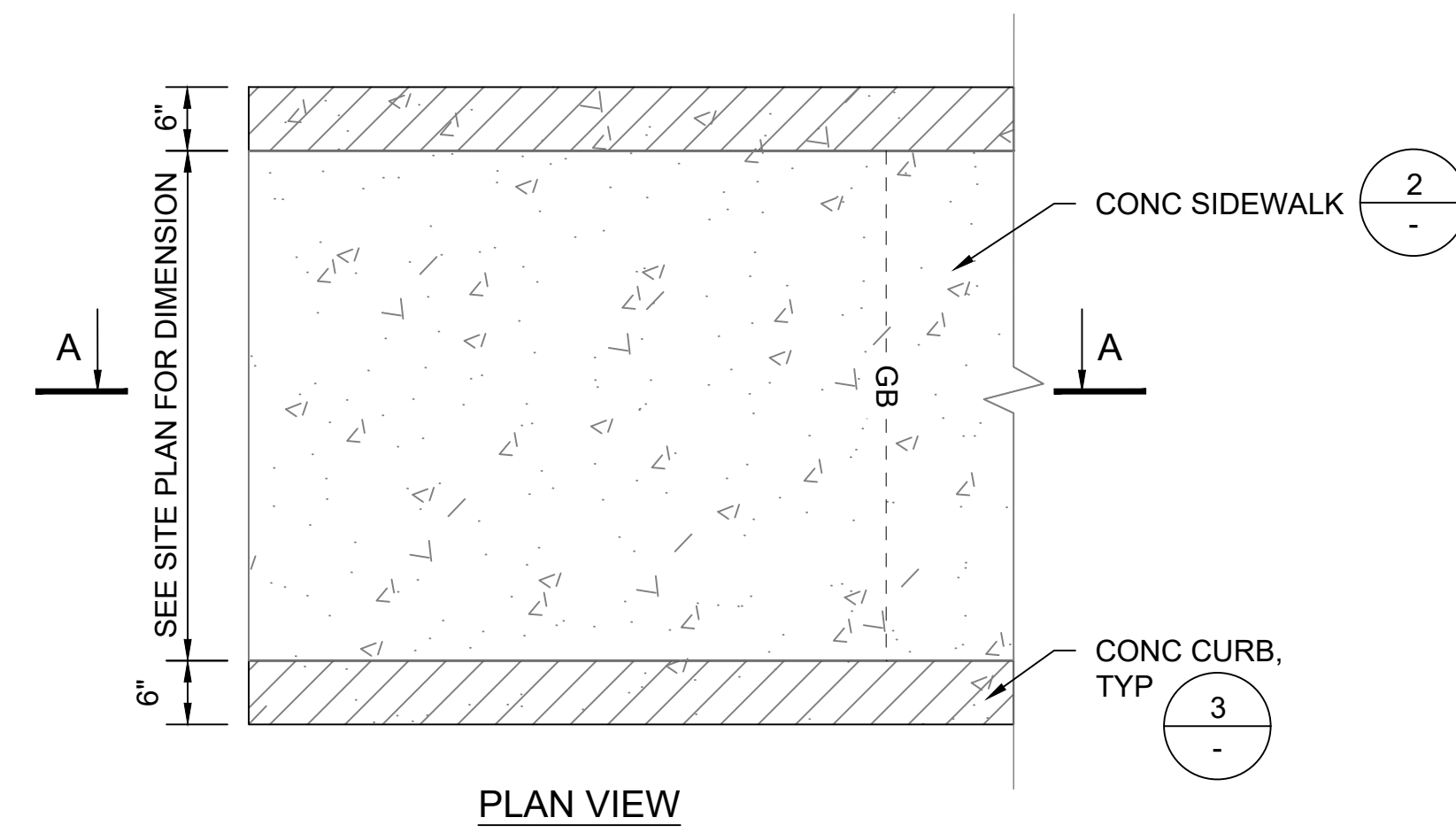
2 CONCRETE SIDEWALK & PICNIC PAD
SCALE@22X34 1" = 1'-0"



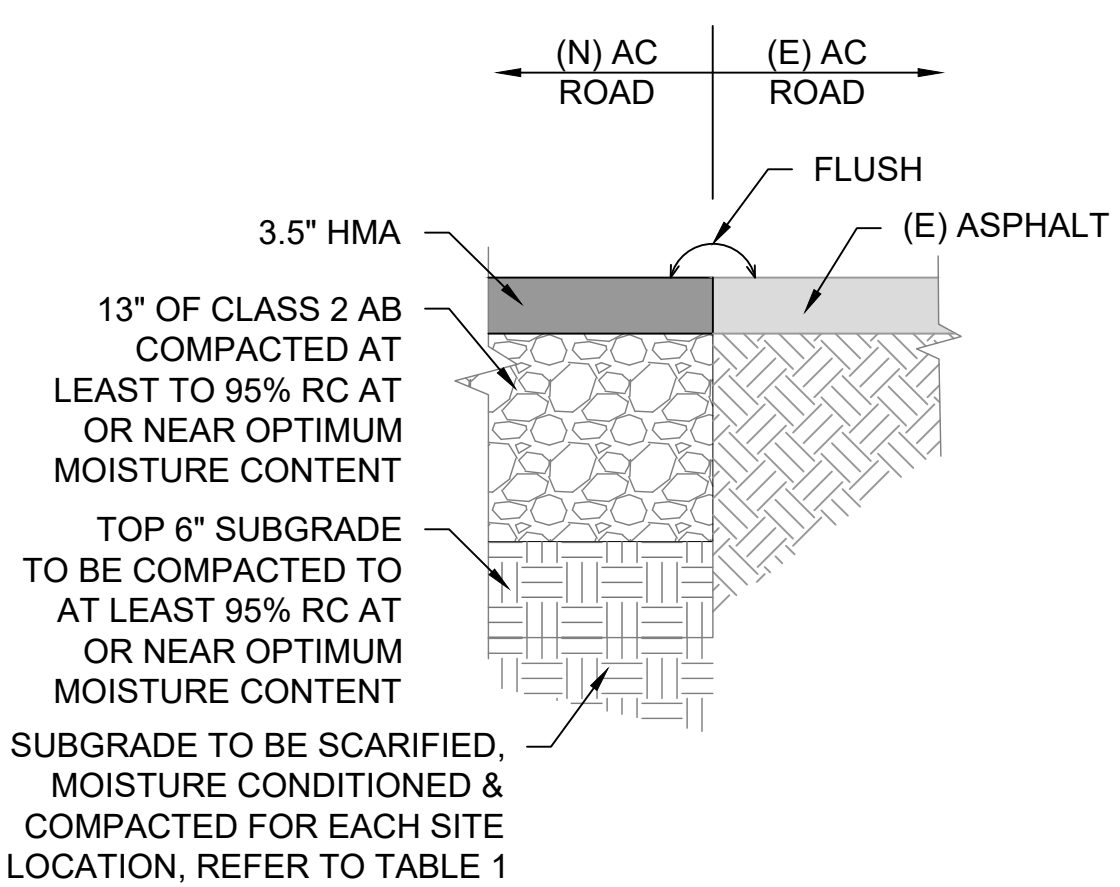
3 CONCRETE CURB
SCALE@22X34 1" = 1'-0"



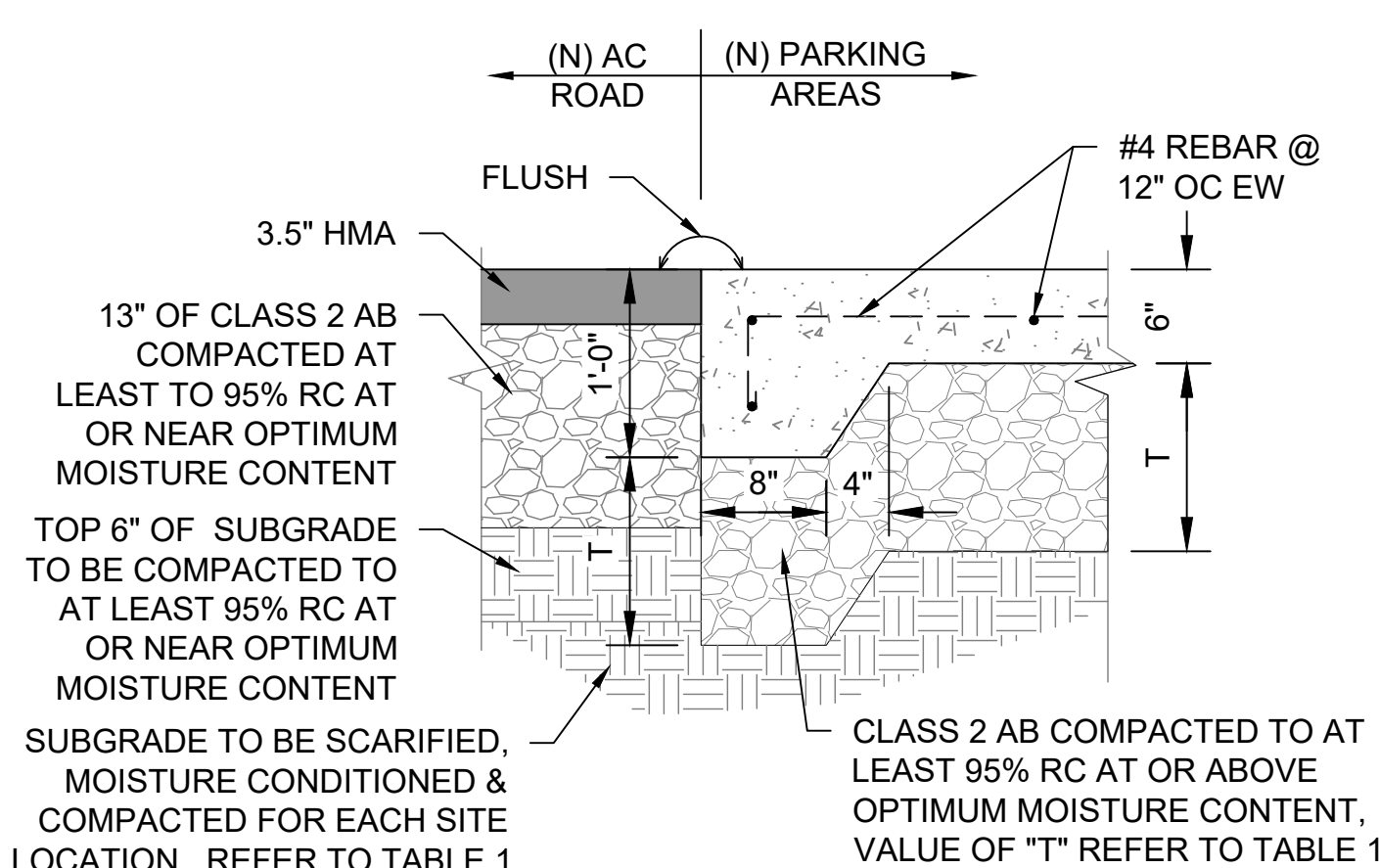
SECTION A-A



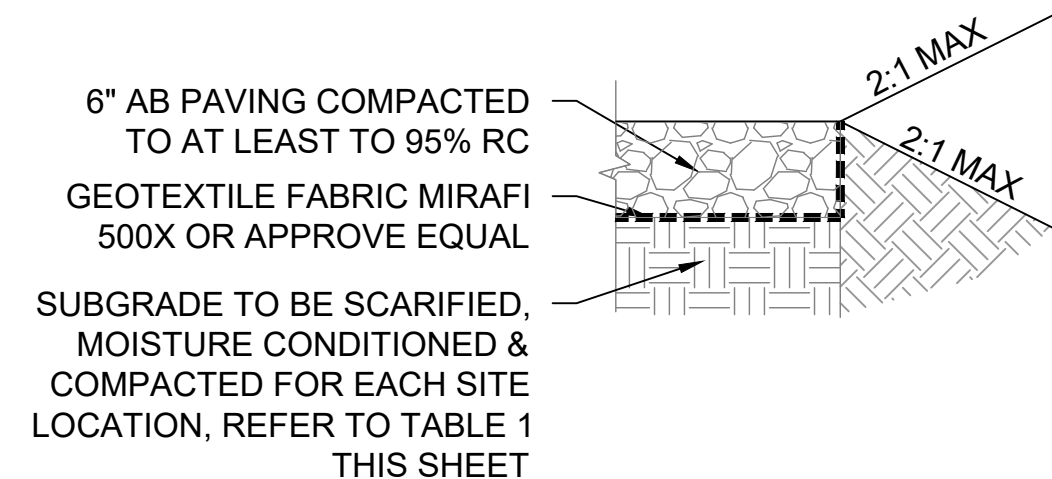
PLAN VIEW



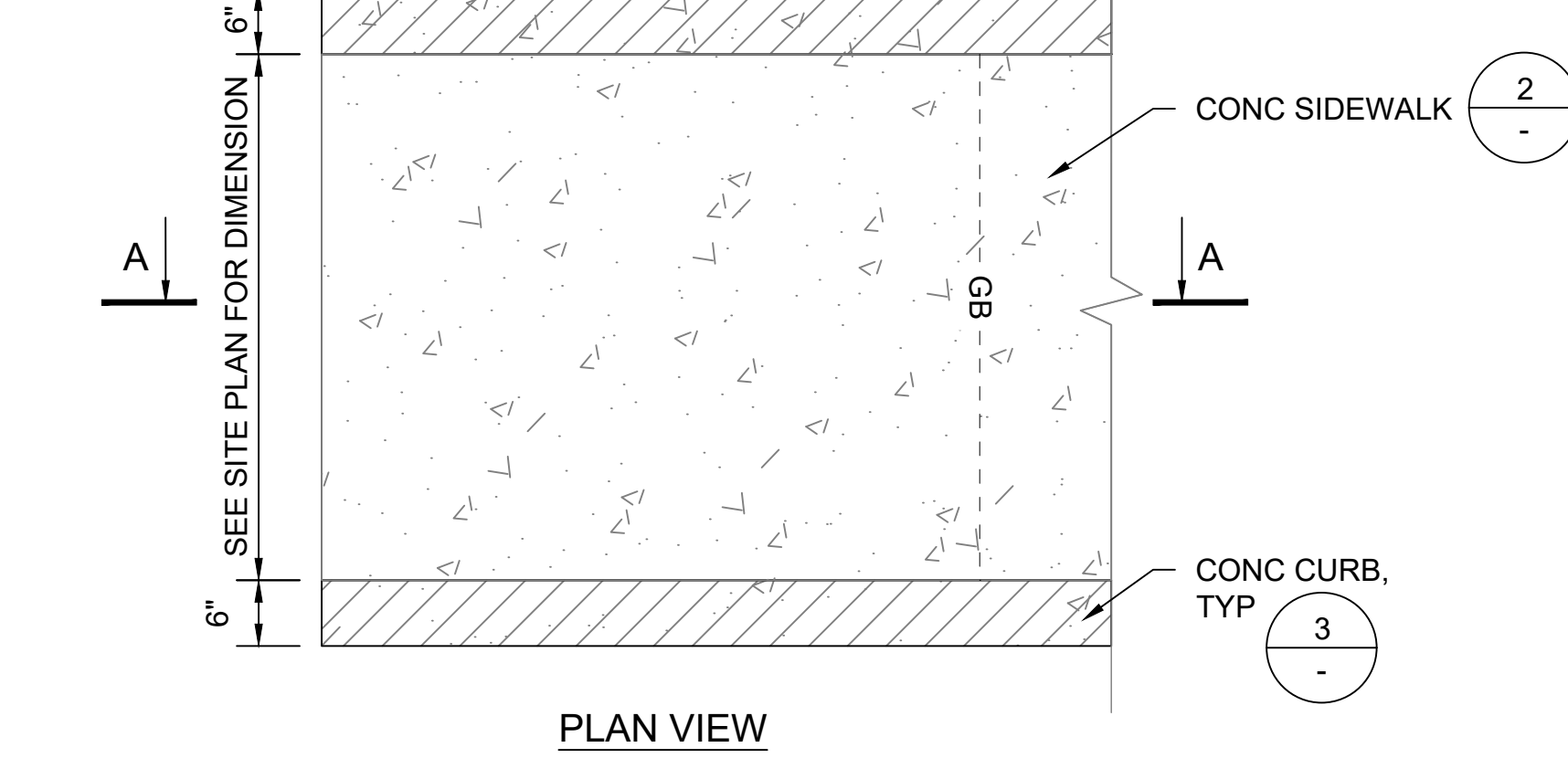
4 (N) AC TO (E) AC PAVING
SCALE@22X34 1" = 1'-0"



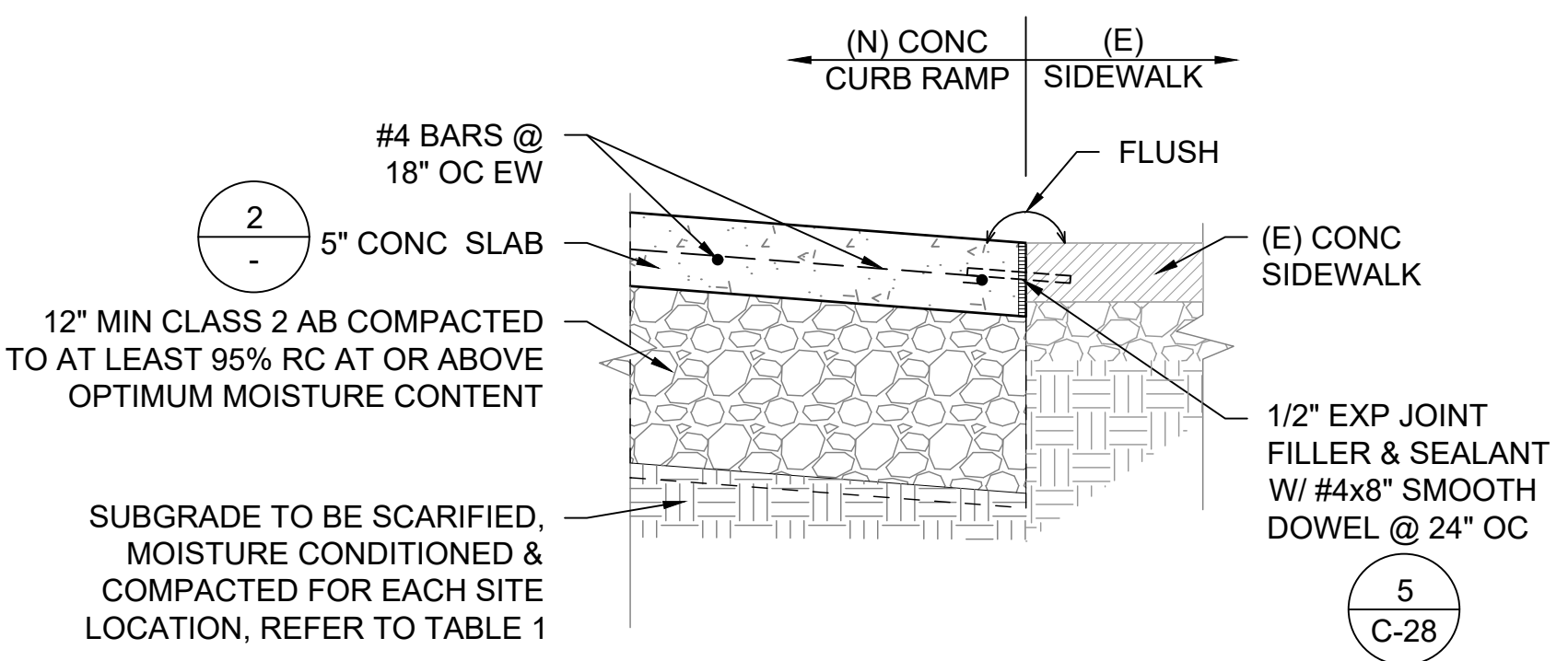
5 (N) CONC PARKING TO (N) AC PAVING
SCALE@22X34 1" = 1'-0"



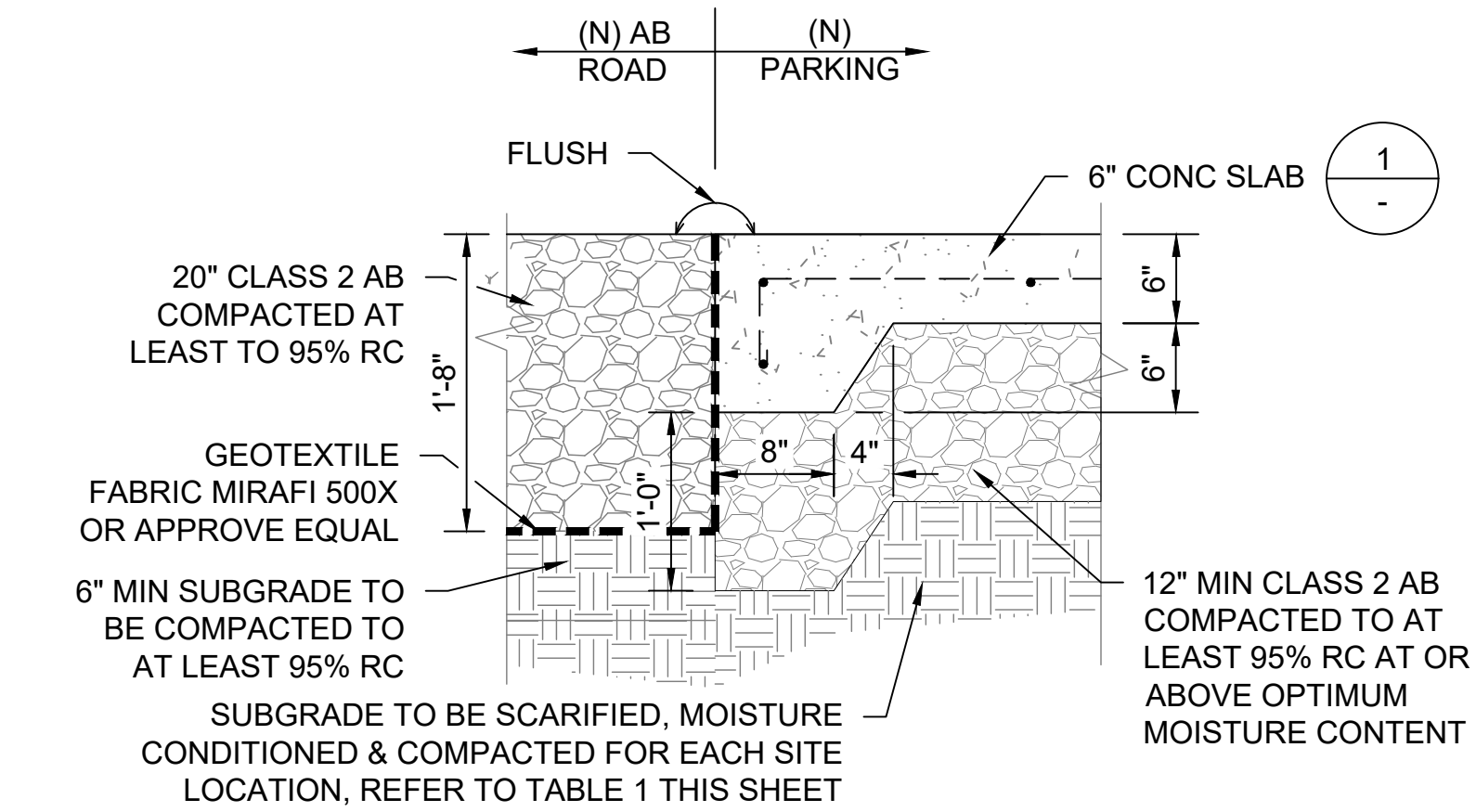
6 AGGREGATE PAVING PATH @ PICNIC AREA
SCALE@22X34 1" = 1'-0"



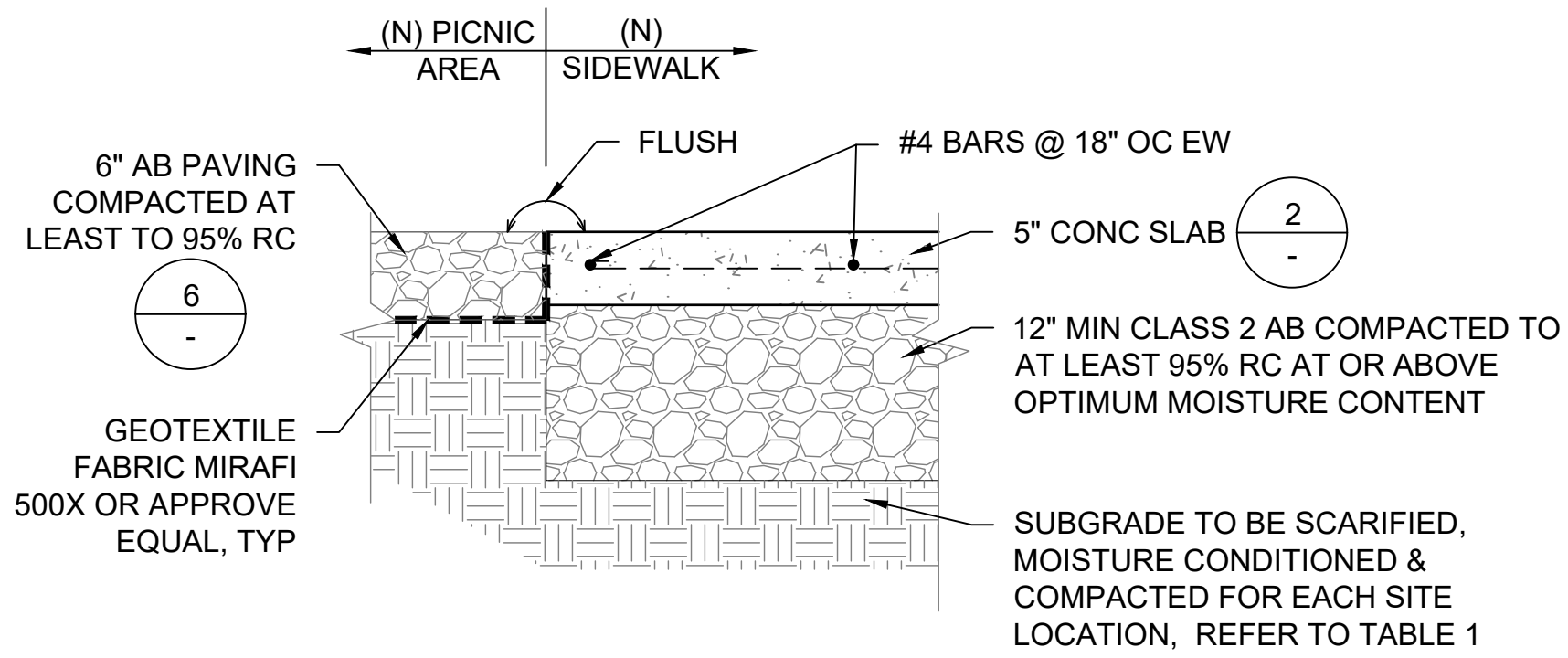
7 CONCRETE CURB RAMP TYPICAL
SCALE@22X34 3/4" = 1'-0"



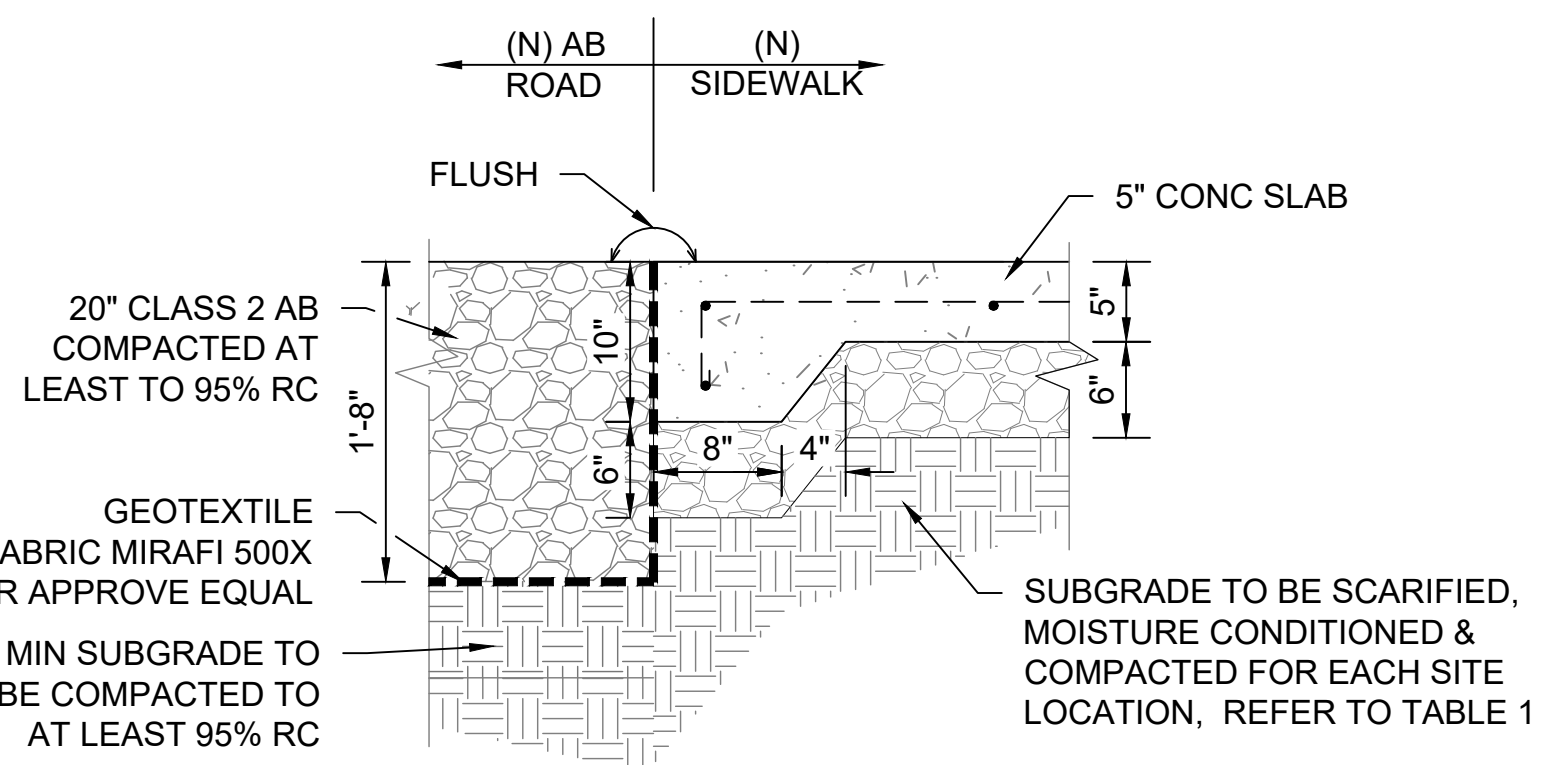
8 (N) CONC SIDEWALK TO (E) CONC PAVING
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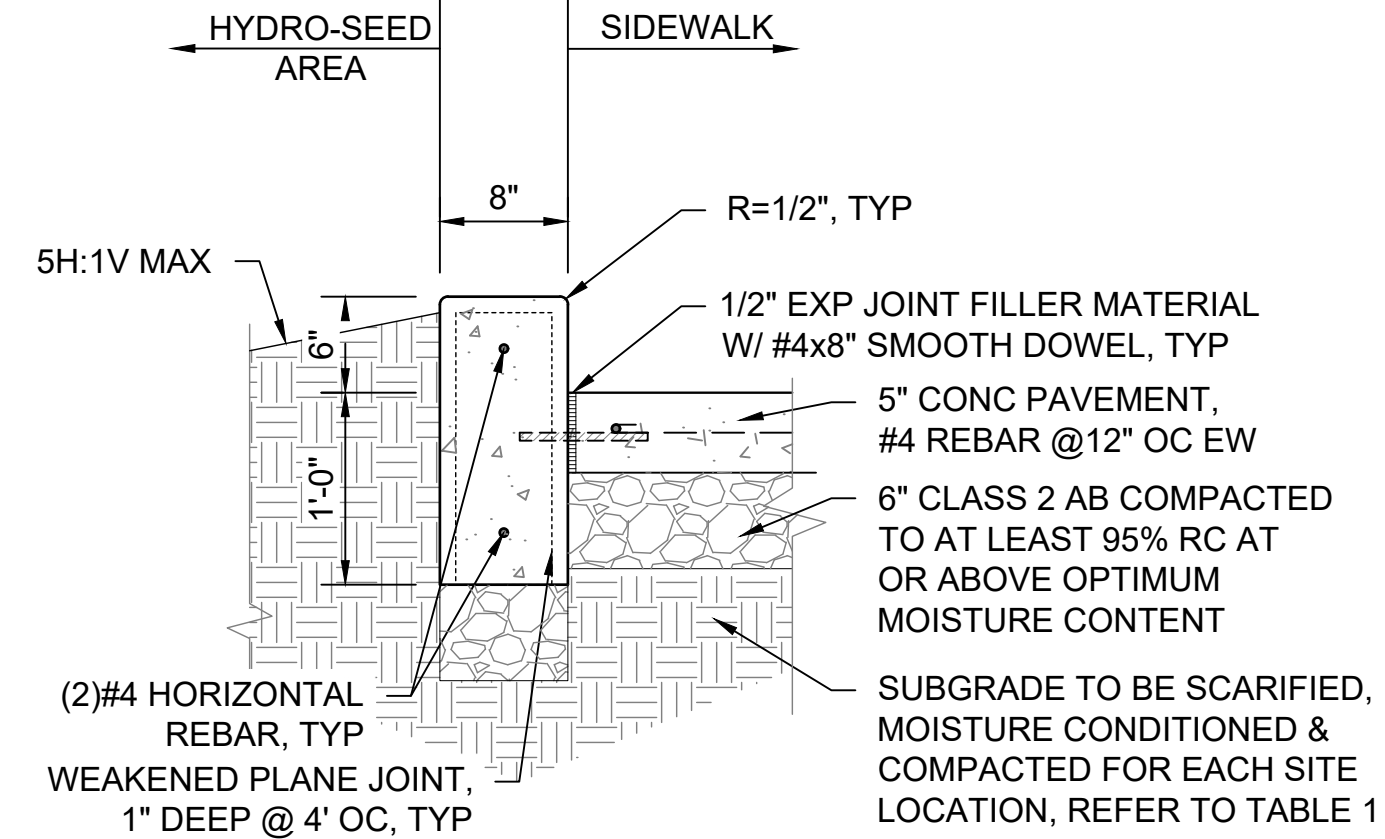
9 (N) CONC PARKING TO (N) AB PAVING
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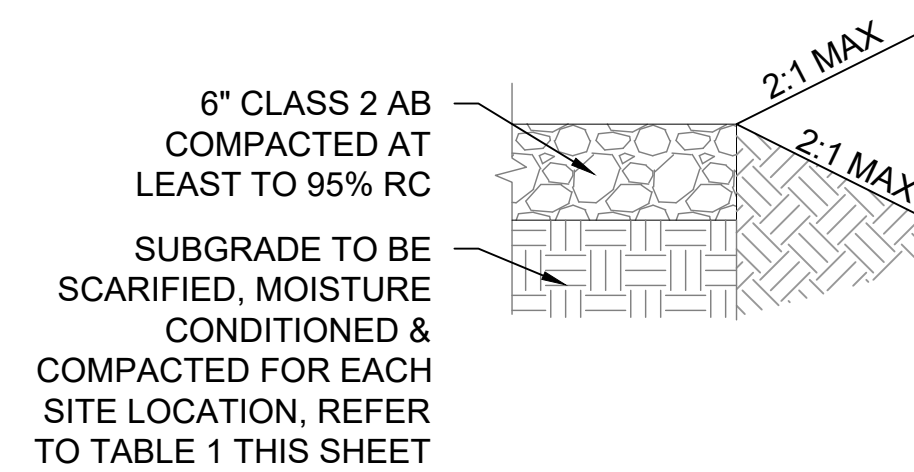
10 (N) CONC SIDEWALK TO (N) AB PAVING PATH
SCALE@22X34 1" = 1'-0"



11 (N) CONC SIDEWALK TO (N) AB ROAD
SCALE@22X34 1" = 1'-0"



12 CONC CURB TYPE 2
SCALE@22X34 1" = 1'-0"



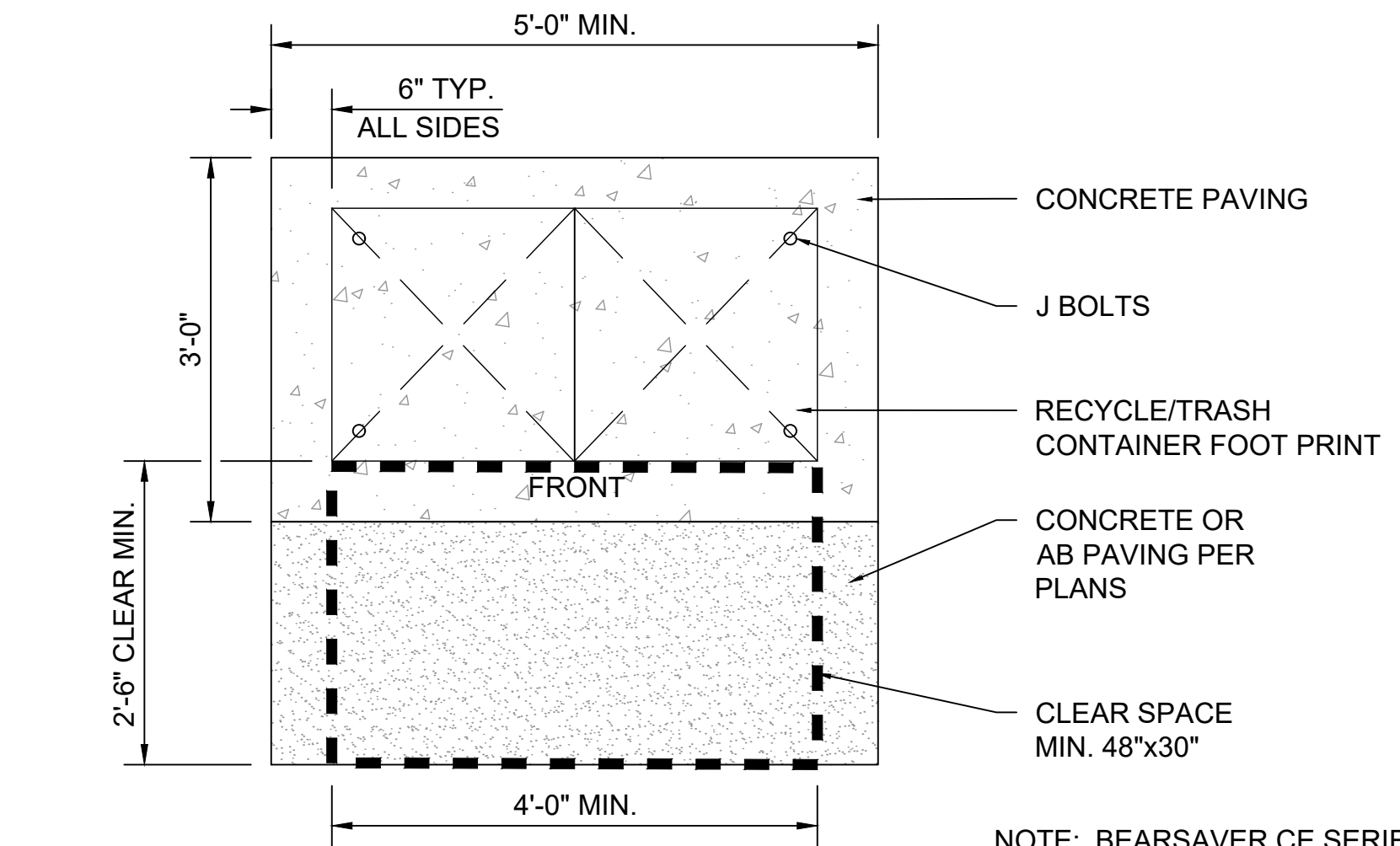
13 AGGREGATE BASE
SCALE@22X34 1" = 1'-0"

TABLE 1		
PARK NAME	T	SUBGRADE
PESCADERO SB - CENTRAL BEAN HOLLOW SB	6" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT OR ABOVE OPTIMUM CONTENT AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION
BURLEIGH H. MURRAY RANCH PESCADERO SB- NORTH ANO NUEVO GAZOS SP	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 2% ABOVE OPTIMUM & COMPACTED TO AT LEAST 90% RC
COWELL RANCH SB POMPONIO SB	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 3% ABOVE OPTIMUM MOISTURE CONTENT & COMPACTED TO AT LEAST 87% BUT NOT EXCEEDING 92% RELATIVE COMPACTION
SAN GREGORIO SB	18" MIN.	

NOTES:
- "T" = THICKNESS OF CLASS 2 AGGREGATE BASE
- INFORMATION FROM GEOCON GEOTECHNICAL REPORT SECTION 6.5.6 DATED JULY 7, 2022 & REVISED JANUARY 5, 2023

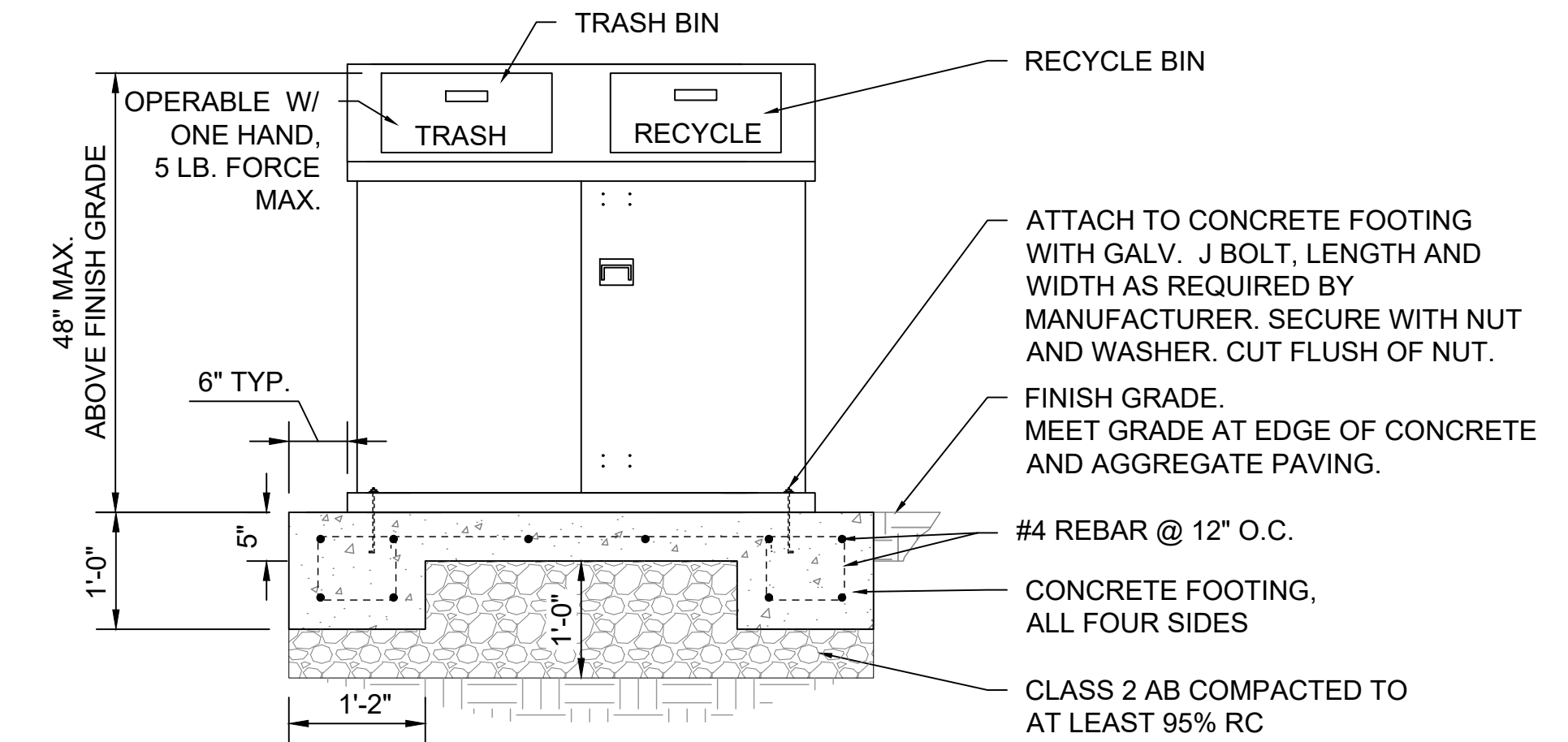
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PLAN VIEW

NOTE: BEARSAVER CE SERIES
DOUBLE TRASH/ RECYCLING
ENCLOSURE, MODEL CE232-CH
OR APPROVE EQUAL



ELEVATION

4 TRASH- RECYCLE CONTAINER
SCALE@22X34 3/4" = 1'-0"



FACILITIES AND
DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION,
NORTHERN SERVICE CENTER

DESIGNED: _____ TL
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CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

PESCADERO STATE BEACH - CENTRAL
VAULT RESTROOM REPLACEMENT
PICNIC SITE DETAILS

206279.033

SHEET NO.

C-30

033 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION CERTIFICATION #

DESIGNED: TL DRAWN: TL CHECKED: MP DATE: OCTOBER 2023

Table with 2 columns: REVISIONS, DATE

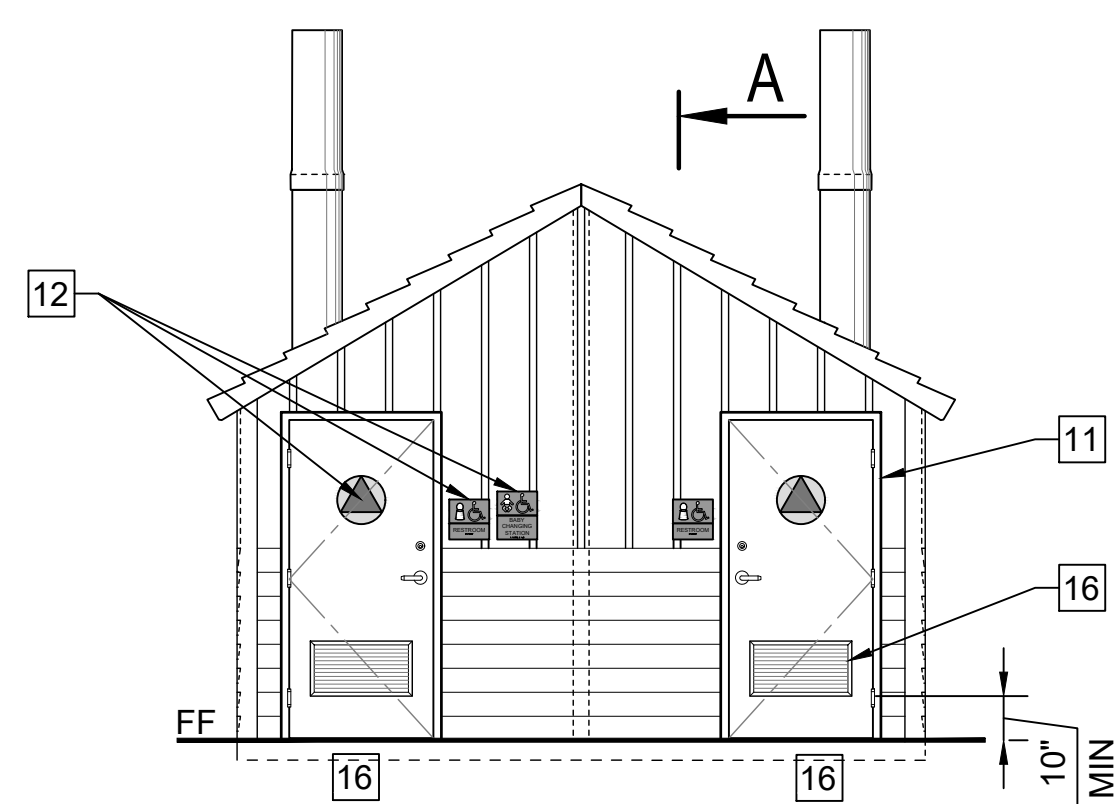
PESCADERO STATE BEACH - CENTRAL VAULT RESTROOM REPLACEMENT PRECAST DOUBLE VAULT RESTROOM BUILDING

206279.037

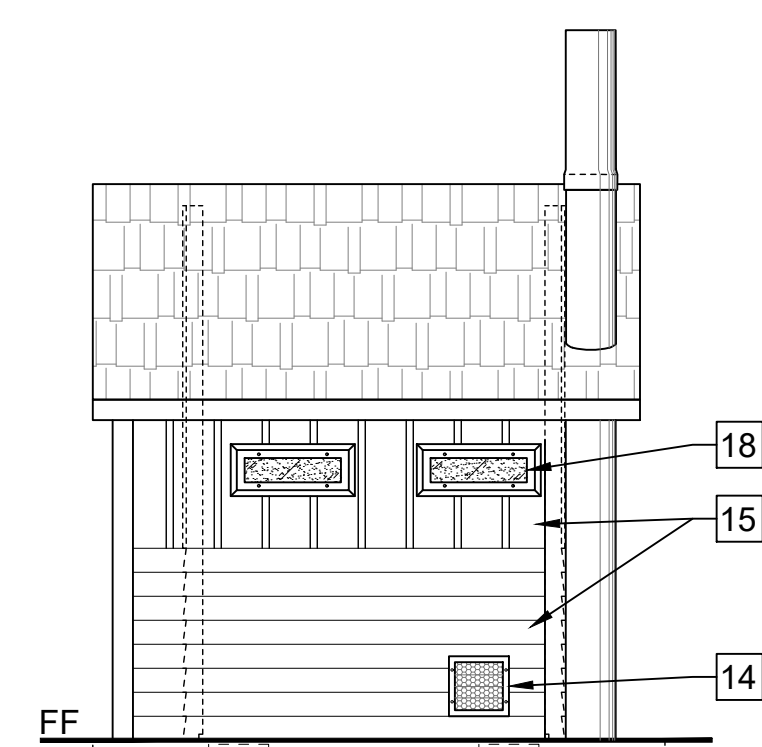
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KEYNOTES:

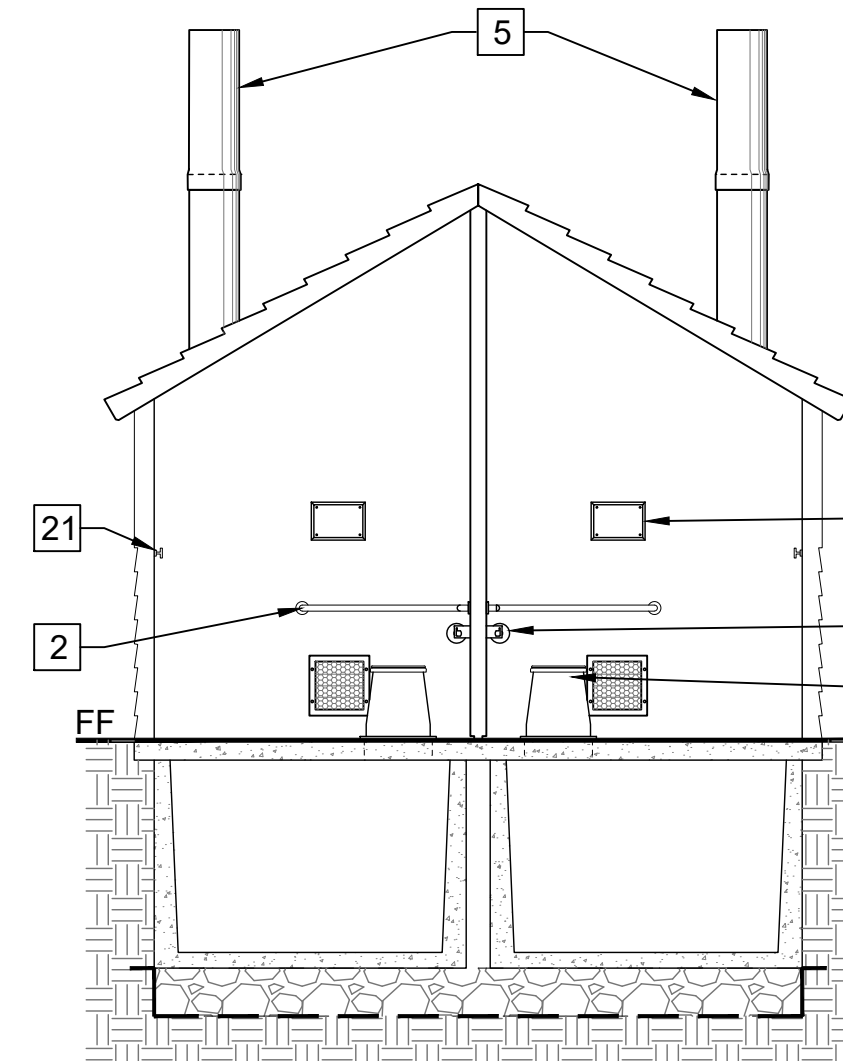
- 1 RISER
2 'L' SHAPED 1-1/2" SS GRAB BARS, 250LB POINT LOAD MIN. CAPACITY
3 SS TOILET PAPER DISPENSER, (3) ROLL BAR WITH LOCK
4 EDGE OF ROOF LINE ABOVE
5 VAULT VENTILATOR TUBE
6 VAULT ACCESS SCUTTLE DOOR
7 VAULT TANK BELOW GRADE
8 VAULT FOUNDATION: 12" MIN. THICK LEVELING COURSE OF 1-1/2" ANGULAR CRUSHED ROCK CONSOLIDATE W/ VIBROPLATE COMPACTOR ABOVE GEOTEXTILE FILTER FABRIC (MIRAFI 140N OR EQUAL), REFER TO GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION
9 SIMULATED STANDING CEDAR SHAKE TEXTURE CONCRETE ROOF PATTERN, COLOR GRANITE ROCK, 2K ANTI-GRAFFITI COATING
10 CONCRETE BUILDING SLAB BY MANUFACTURE OF PRE-CAST BUILDING, COORDINATE ELEVATION WITH CONCRETE WALK FOR ACCESSIBLE ENTRANCE PER GRADING SHEETS
11 3'-0"x6'-8" FIBERGLASS DB LVR DOOR AND FRAMESET, TOP PAINTED WITH DTM ALKYD
12 TOILET SIGNAGE ON SHEET C-XX RESTROOM DETAILS
13 SIGN TO READ: "DO NOT PUT TRASH IN TOILET"
14 SS WALL VENT
15 BOARD & BATT TEXTURE UPPER WITH HORIZONTAL LAP LOWER TEXTURE WALLS, COLOR SAND BEIGE. 2K ANTI-GRAFFITI COATING ON ALL FINISHED SURFACES.
16 SS DOOR LOUVER
17 SET BUILDING SLAB FLUSH, LEVEL AND W/ SMOOTH TRANSITION AT CONCRETE SIDEWALK IN AREA IN FRONT OF ENTRANCE TO THE RESTROOM, COORDINATE W/ GRADING SHEET PER EACH LOCATION
18 TRANSLUCENT LEXAN WINDOW GLAZING WITH STEEL FRAME
19 BABY CHANGING TABLE: MODEL 100-EH-BP HORIZONTAL DIAPER CHANGING STATION WITH EZ MOUNT BACKER PLATE OR APPROVE EQUAL, TABLE WIDTH SHALL NOT EXCEED 18".
20 ACCESSIBLE MANEUVERING AREAS - CIRCLE: 60" Ø & RECTANGLE: 56"D x 60"W
21 SS DOUBLE COAT HOOK
22 PAINT - WHITE
23 ALL PORTIONS OF THE EAVES WHICH ARE LESS THAN 80" ABOVE THE WALKING SURFACE SHALL PROJECT NO MORE THAN 4" FROM THE SIDE OF THE BUILDING.



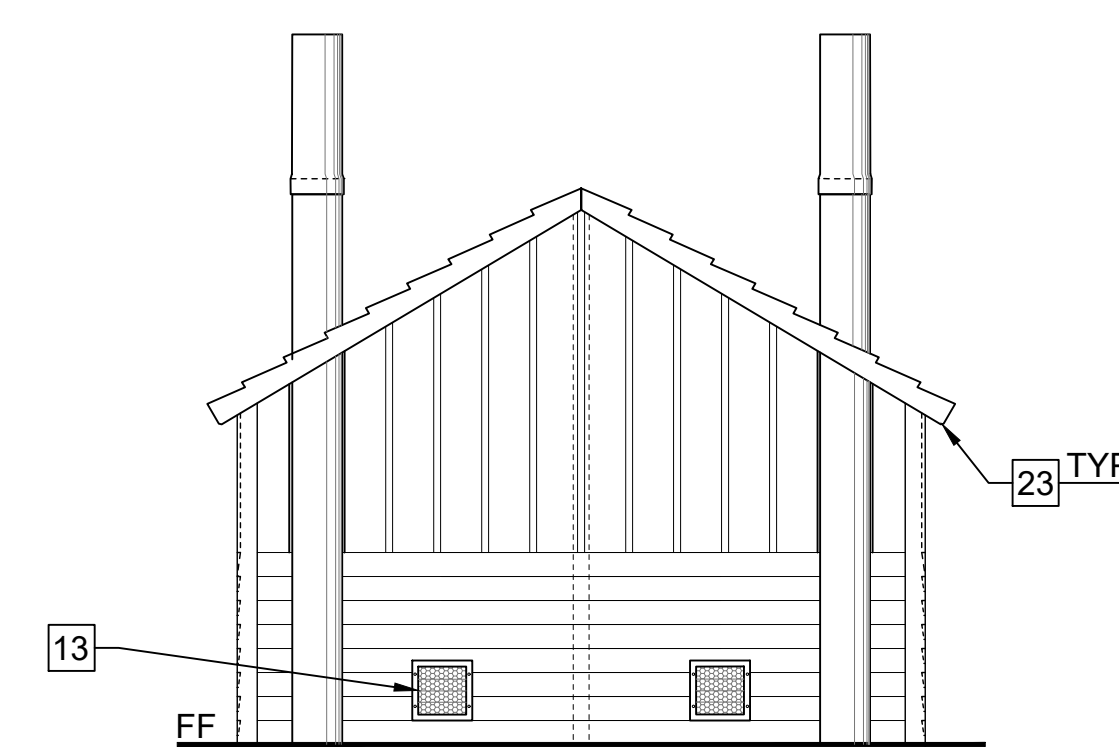
1 FRONT ELEVATION SCALE@24X36 1/4" = 1'-0"



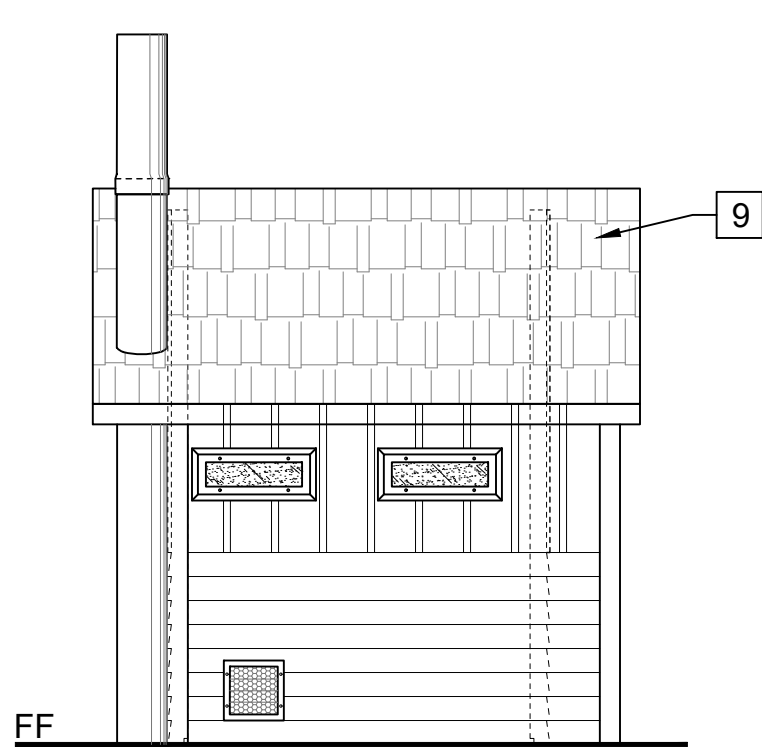
3 RIGHT SIDE ELEVATION SCALE@24X36 1/4" = 1'-0"



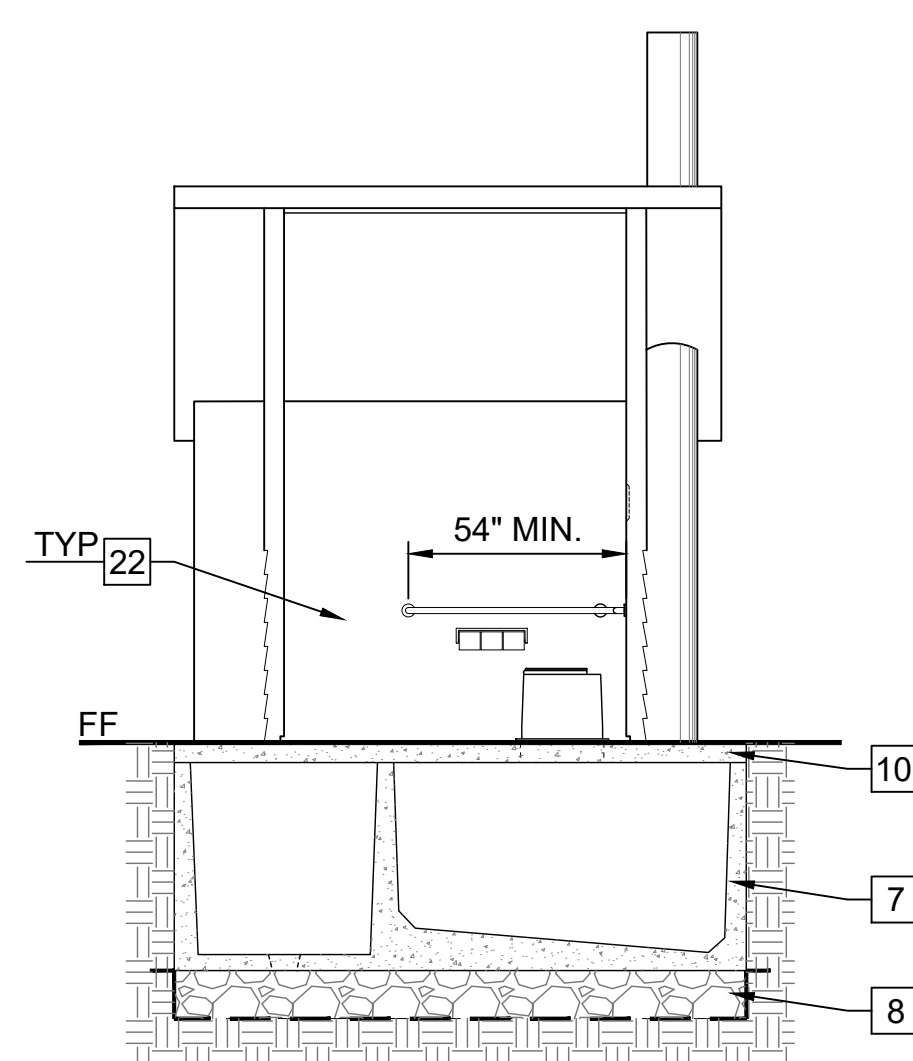
5 LONGITUDINAL SECTION SCALE@24X36 1/4" = 1'-0"



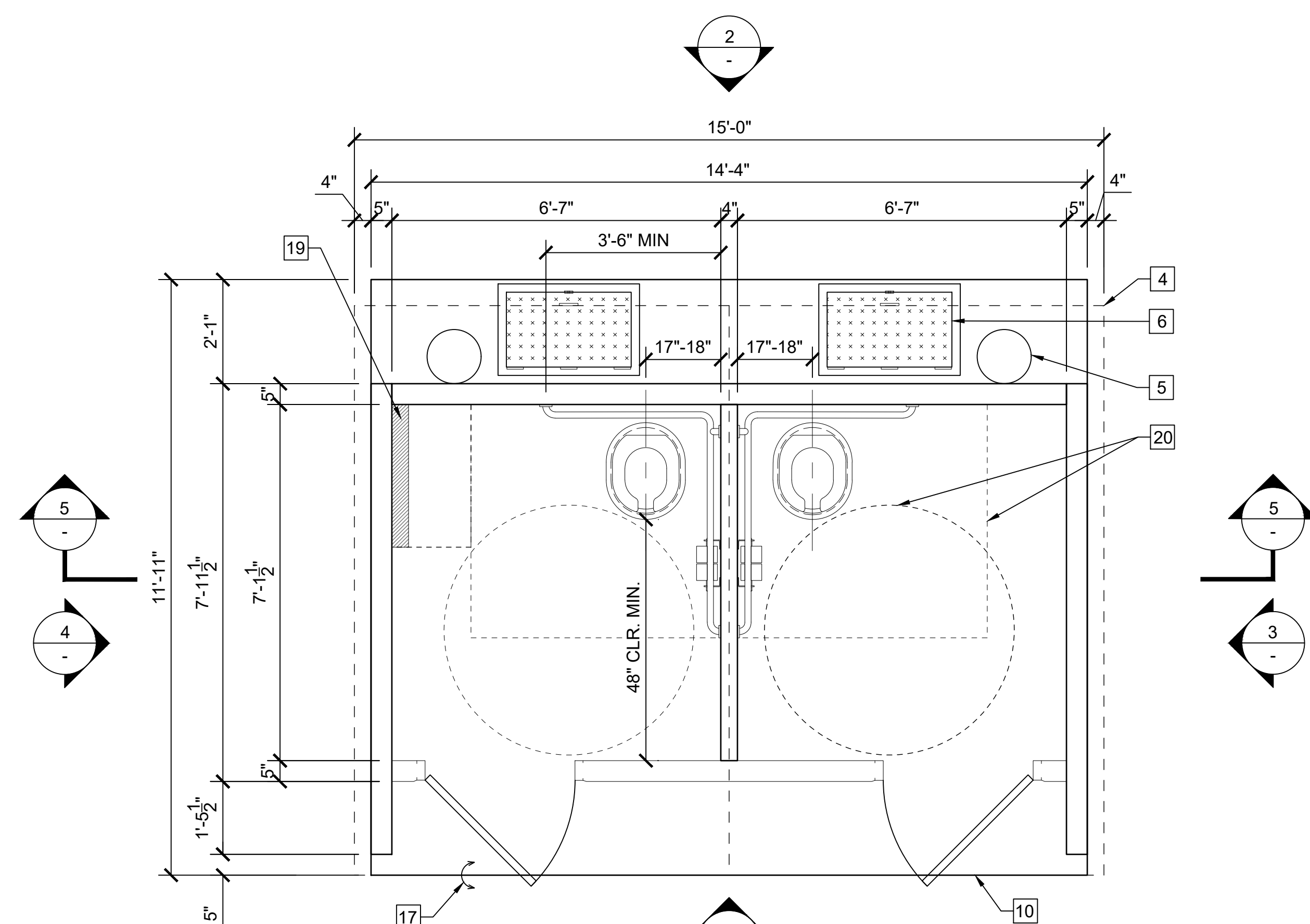
2 REAR ELEVATION SCALE@24X36 1/4" = 1'-0"



4 LEFT SIDE ELEVATION SCALE@24X36 1/4" = 1'-0"



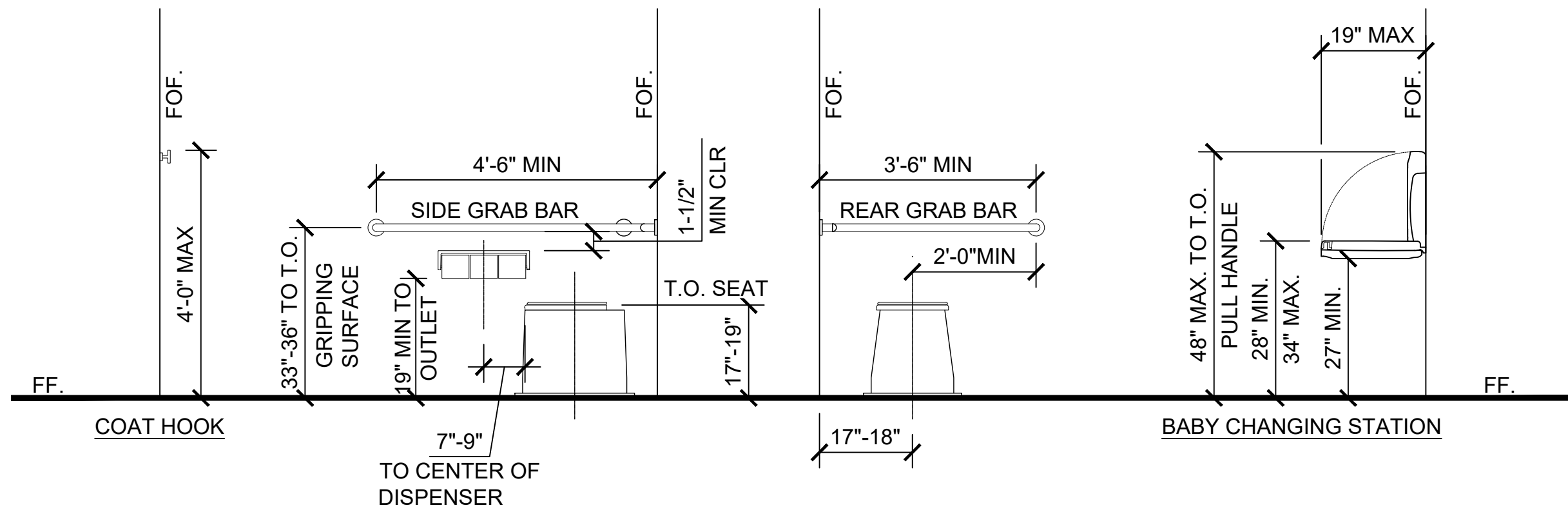
6 SECTION A-A SCALE@24X36 1/4" = 1'-0"



7 FLOOR PLAN SCALE@24X36 1/2" = 1'-0"



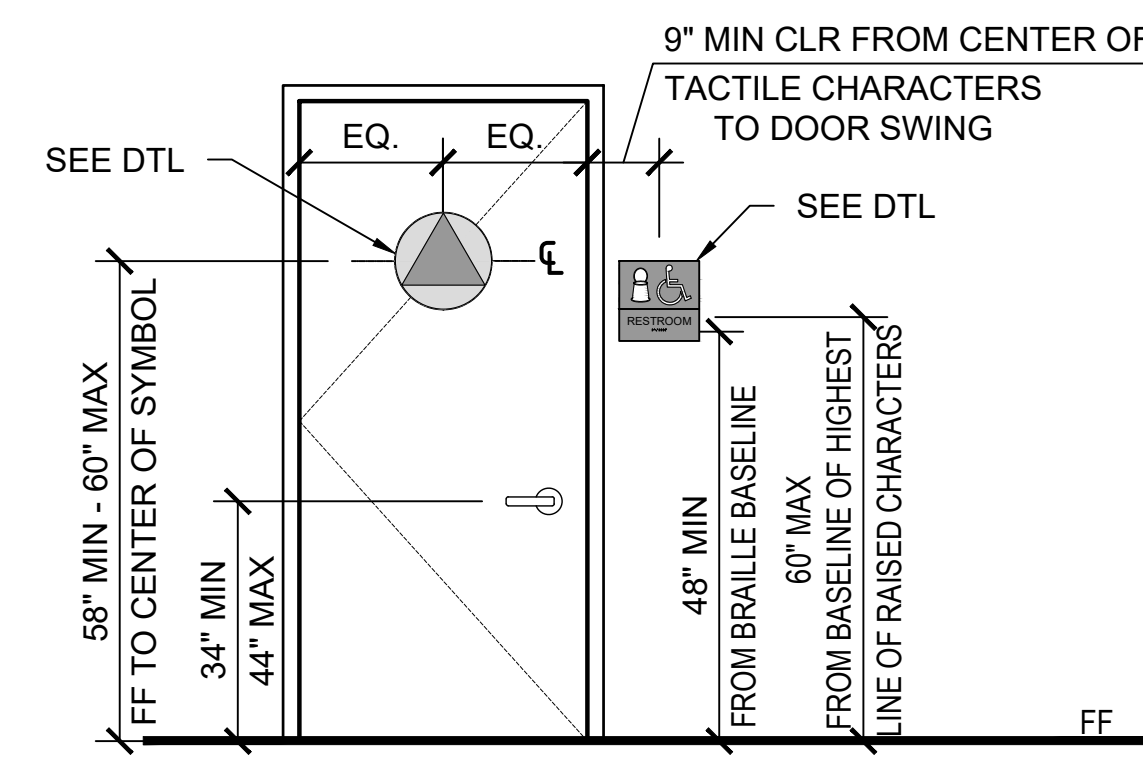
FACILITIES AND DEVELOPMENT DIVISION



- NOTES:
- REFER TO 2022 CBC FOR FURTHER INFORMATION :
 - SECTION 11B-306 KNEE AND TOE CLEARANCE
 - SECTION 11B-308 REACH RANGES
 - SECTION 11B-604 WATER CLOSETS AND TOILET COMPARTMENTS
 - NO TOLERANCE PERMITTED BEYOND NOTED MINIMUMS OR MAXIMUMS.
 - OPERATING HANDLE, 5 LBS MAXIMUM OPERATING FORCE AUTOMATIC OR PLACED ON WIDE SIDE OF THE FIXTURE COMPARTMENT.

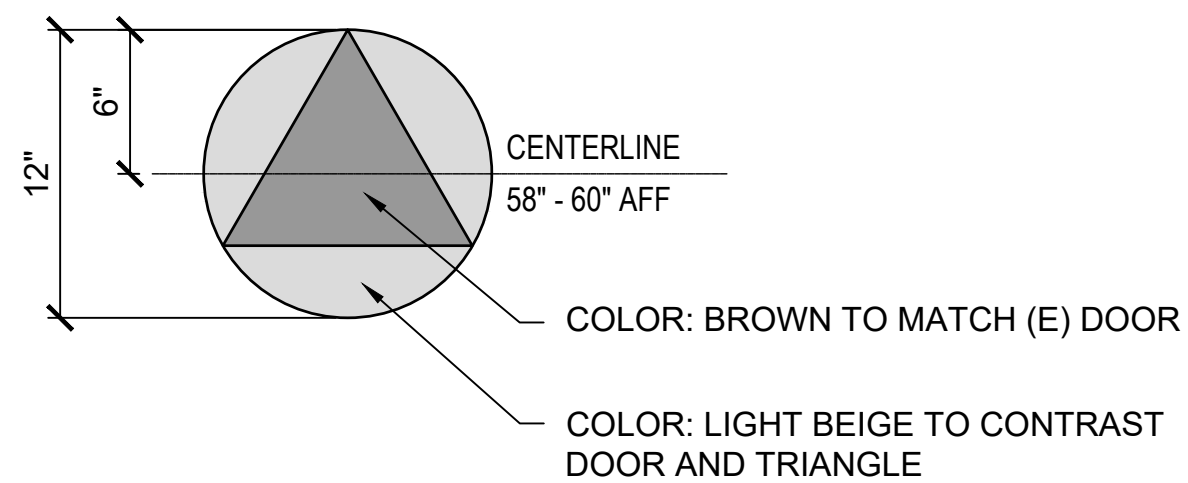
1 RESTROOM FIXTURE MOUNTING LOCATIONS
SCALE@22X34 1/2" = 1'-0"

- NOTES: ADJUST DOOR OPENING TO 5 LBS OF FORCE MAX
ADJUST DOOR CLOSER WHEN DOOR IS OPENED OF MIN 70° DOOR SHALL CLOSE A MIN TIME OF 1.5 SECONDS

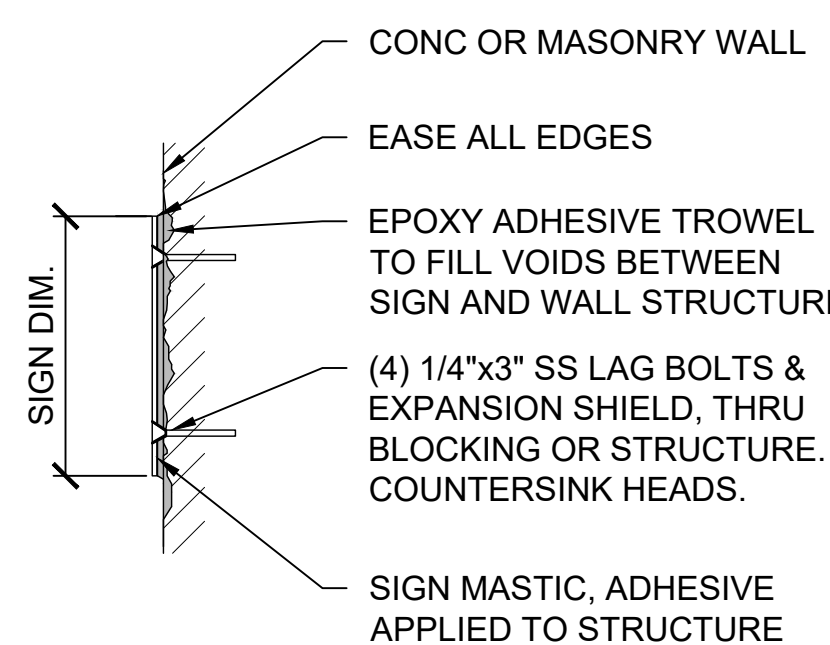


2 RESTROOM SIGN LOCATION
SCALE@22X34 1/2" = 1'-0"

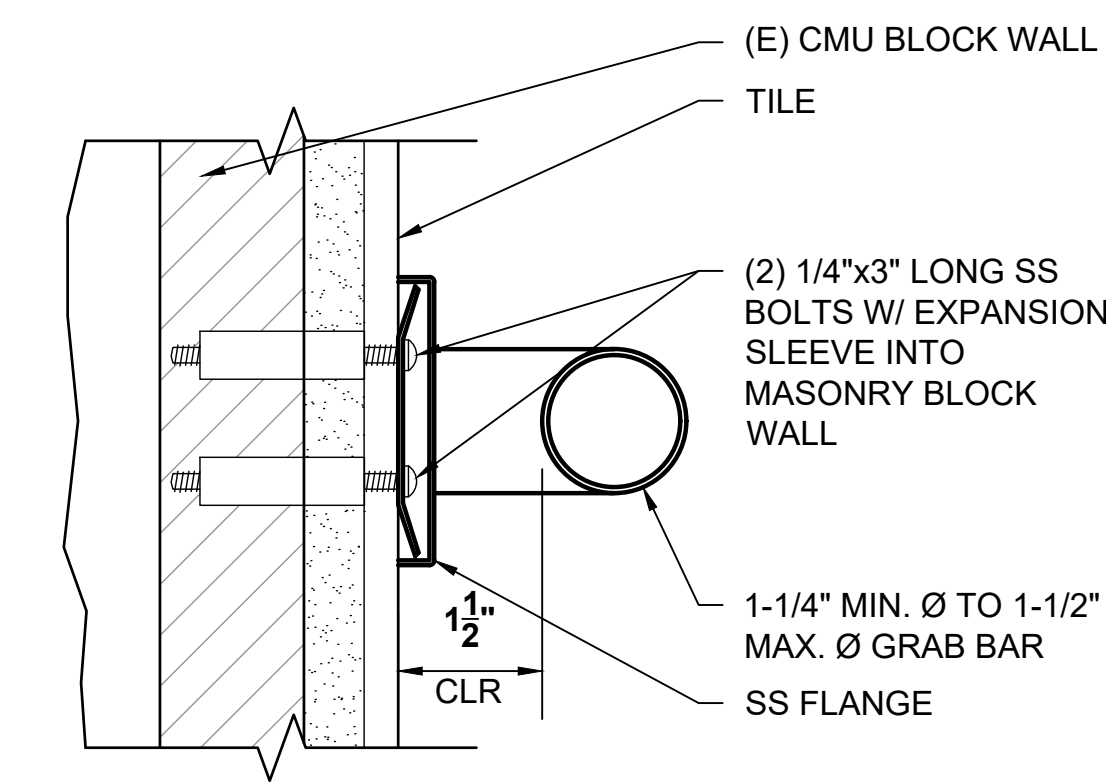
- NOTES:
- RESTROOM DOOR SIGNS: 1/4" THICK - SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. UNISEX CIRCLE SHALL COLOR CONTRAST WITH DOOR COLOR AND TRIANGLE COLOR, CONTRAST SHALL BE 70% MIN.
 - MOUNTED 58" - 60" AFF TO THE CENTER OF THE SIGN AND CENTERED ON THE DOOR
 - NO LETTERS OR CHARACTERS



3 RESTROOM DOOR SIGN
SCALE@22X34 1 1/2" = 1'-0"

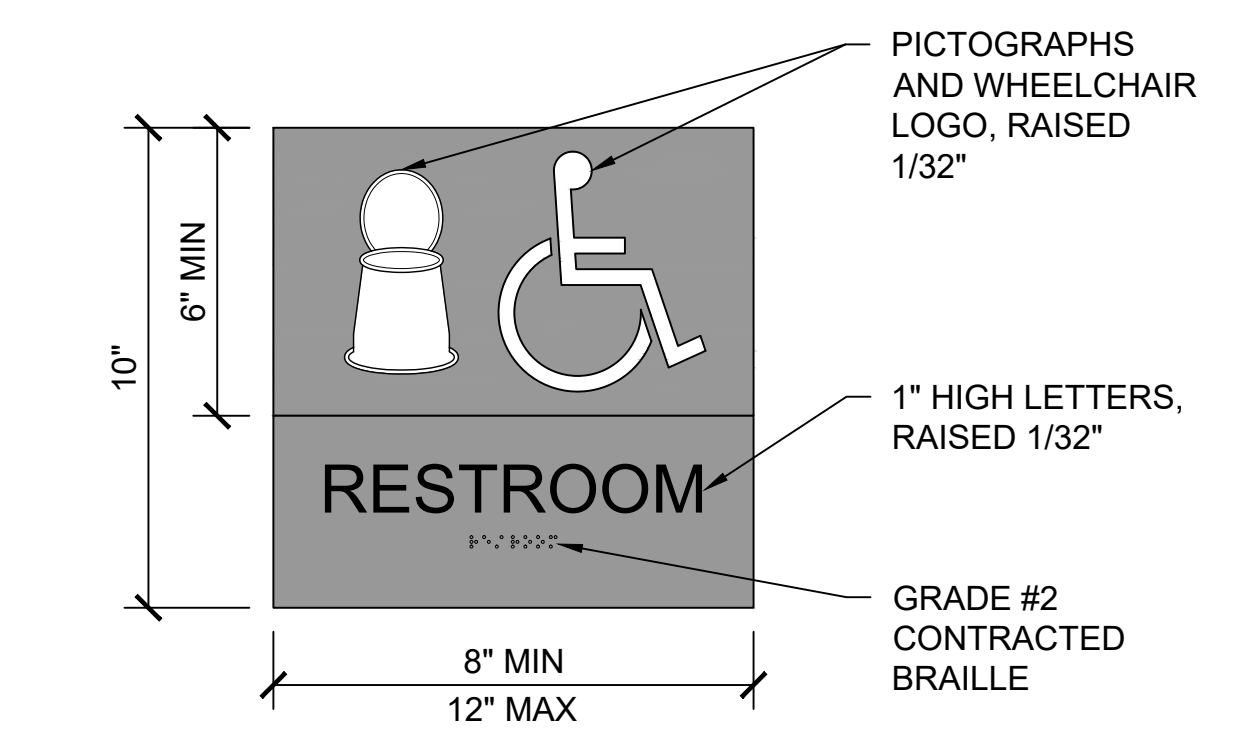
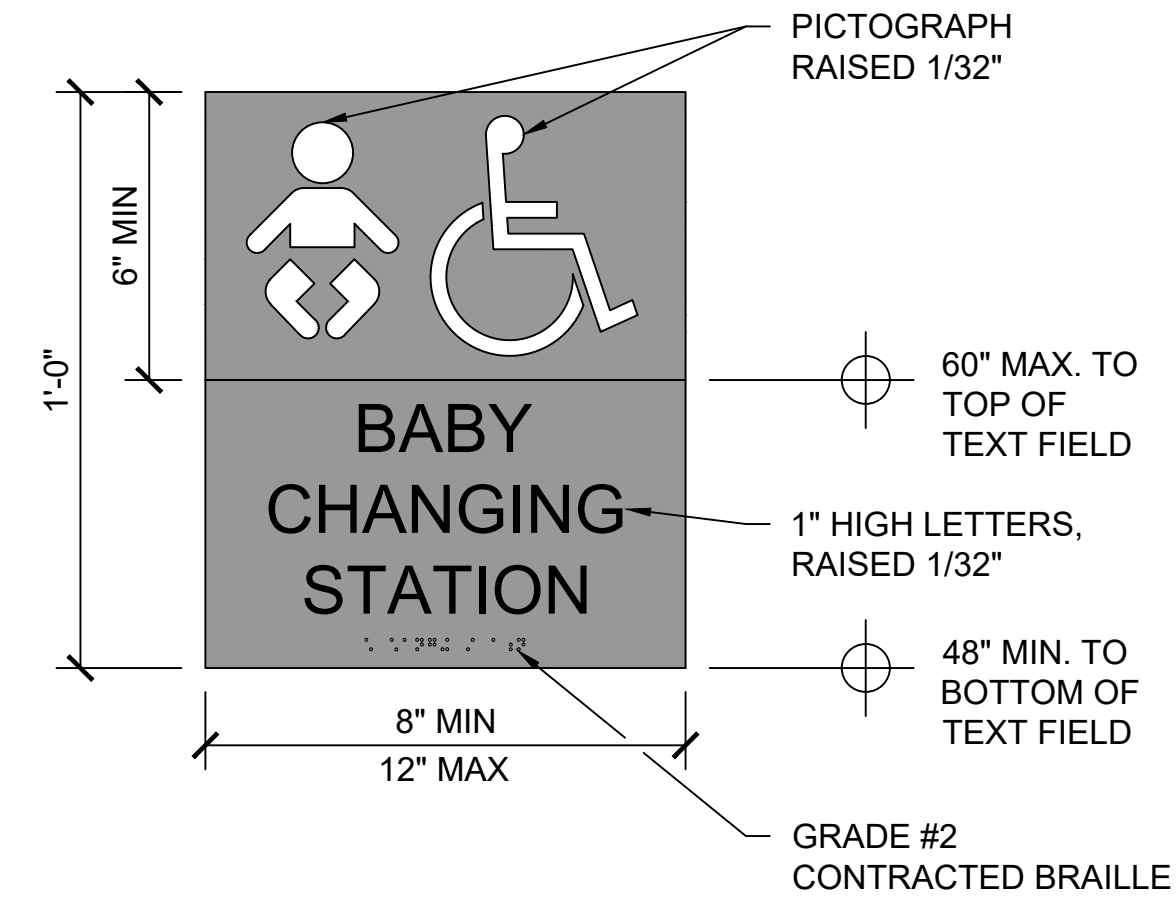


4 WALL SIGNS MOUNTING
SCALE@22X34 1 1/2" = 1'-0"



5 GRAB BAR MOUNTING
SCALE@22X34 6" = 1'-0"

- NOTES: ALL WALL & DOOR SIGNS: 1/4" THICK, SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. SYMBOLS AND LETTER SHALL CONTRAST AND BE SELECTED BY STATE REPRESENTATIVE FROM MANUFACTURERS FULL LINE OF COLOR OFFERINGS. UNO. COLOR SHALL BE THROUGH PRODUCT, NOT A COLOR SHEET APPLIED TO A TRANSPARENT OR TRANSLUCENT SHEET OF ACRYLIC. REFER TO 2022 CBC SECTION 11B.703 FOR FURTHER INFORMATION



6 RESTROOM WALL SIGNS
SCALE@22X34 3" = 1'-0"



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DESIGNED:	TL
DRAWN:	TL
CHECKED:	MP
DATE:	OCTOBER 2023

REVISIONS	DATE

PESCADERO STATE BEACH - CENTRAL
VAULT RESTROOM REPLACEMENT
RESTROOM DETAILS

206279.038

SHEET NO.
C-35
038 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-35 RESTROOM DETAILS.dwg Layout: C-35 Restroom Dtl - Pescadero-Central Date: October 30 2023 - 2:43 pm User: ile

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION FACILITIES AND DEVELOPMENT DIVISION

POMPONIO STATE BEACH

VAULT RESTROOM REPLACEMENT

CSFM # 23-N-2338-C-NW

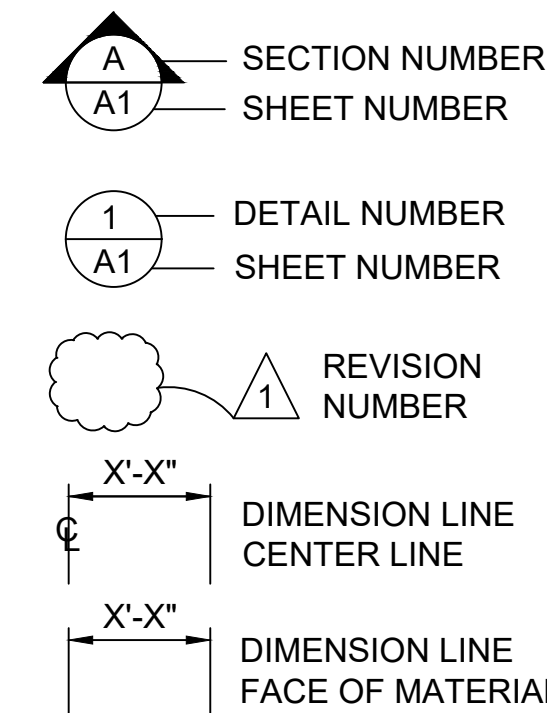


FACILITIES AND
DEVELOPMENT DIVISION

DEMOLISH EXISTING NON COMPLIANT RESTROOMS AND REPLACE WITH PRECAST CONCRETE VAULT RESTROOM. UPGRADE EXISTING PARKING TO MEET CURRENT ADA REQUIREMENTS. BARRIER REMOVAL AT PATH OF TRAVEL FROM PARKING TO RESTROOM AND ANY DAY-USE SITE AMENITIES ON THE PATH OF TRAVEL.

SCOPE OF WORK

- 1- ALL MATERIALS SHOWN OR NOTED ON THE PLANS ARE NEW UNLESS CALLED OUT OTHERWISE.
- 2- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS SHOWN OR DIMENSIONED HERE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STATE REPRESENTATIVE FOR RESOLUTION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- 3- ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE FOLLOWING LISTED CODES, AND ALL OTHERS HAVING JURISDICTION OVER THE WORK.
 - 2022 CA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
 - 2022 CA BUILDING CODE (CBC), VOLUMES 1 AND 2, PART 2, TITLE 24, C.C.R. (2018 INTERNATIONAL BUILDING CODE AND 2019 CA AMENDMENTS)
 - 2022 CA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2020 CA AMENDMENTS)
 - 2022 CA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2021 CA AMENDMENTS)
 - 2022 CA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R. (2021 UNIFORM PLUMBING CODE W/ 2021 CA AMENDMENTS)
 - 2022 CA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R. (2008 CA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)
 - 2022 CA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R. (2021 INTERNATIONAL FIRE CODE AND 2021 CA AMENDMENTS)
 - 2022 CA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.
 - 2022 CA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
 - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.
 - 2022 TITLE 19 C.C.R., PUBLIC SAFETY, DIVISION 1 STATE FIRE MARSHAL REGULATIONS.



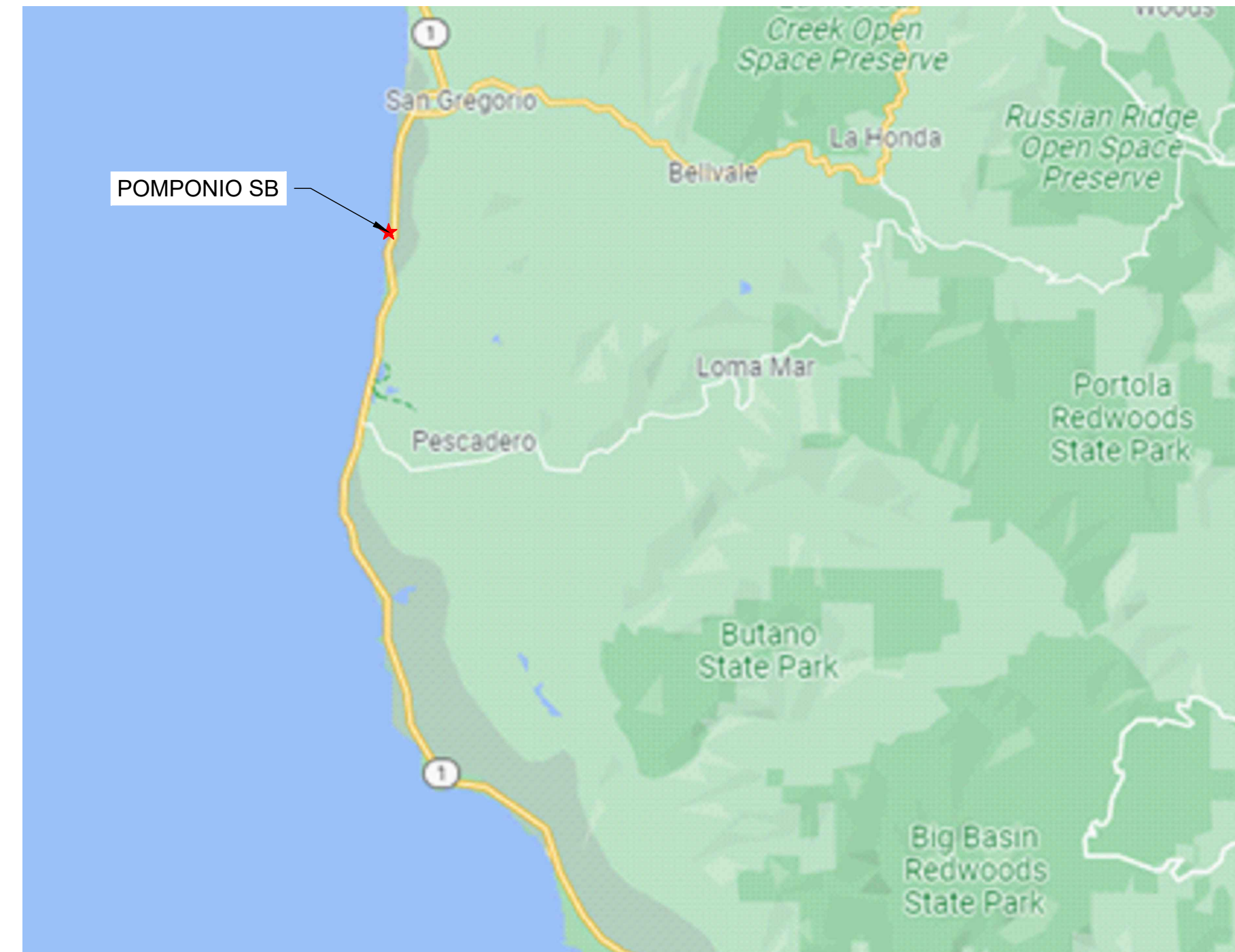
SYMBOLS LEGEND

GENERAL NOTES

7. COMPLIANCE WITH ACCESSIBLE REGULATIONS FOR SLOPES AS STATED ON THE PLANS WILL BE VERIFIED BY THE STATE'S REPRESENTATIVE UTILIZING A 24 INCH DIGITAL LEVEL. THE 24 INCH DIGITAL LEVEL WILL BE SUPPLIED BY THE STATE AND WILL BE CALIBRATED BY THE STATE'S REPRESENTATIVE PRIOR TO THE TAKING OF ANY MEASUREMENTS. MEASUREMENTS WILL BE TAKEN IN ANY DIRECTION WITH THE 24" DIGITAL LEVEL AND MEASUREMENTS WILL VERIFY COMPLIANCE WITH SLOPES SPECIFIED ON THE PLANS. WORK THAT DOES NOT MEET THE REQUIREMENTS SHALL BE CONSIDERED NON-COMPLIANT AND WILL NOT BE ACCEPTED BY THE STATE. ANY AREA WHICH IS NON-COMPLIANT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

DEFERRED SUBMITTALS

LOCAL FIRE AUTHORITY APPROVAL



SHEET INDEX		
PAGE	NO.	TITLE SHEET
001	G-1	COVER SHEET
002	G-2	GENERAL NOTES & ABBREVIATIONS
003	G-3	OVERALL SITE PLAN
011	C-8	EXISTING CONDITION & DEMO PLAN
012	C-9	SITE PLAN
013	C-10	PAVING, HORIZONTAL CONTROL & GRADING PLAN - SITE 1
014	C-11	PAVING, HORIZONTAL CONTROL & GRADING PLAN - SITE 2
015	C-12	PAVING, HORIZONTAL CONTROL & GRADING PLAN - SITE 3
027	C-24	GRADING & PAVING SECTIONS 3
028	C-25	GRADING & PAVING SECTIONS 4
031	C-28	ACCESSIBLE PARKING & CONCRETE JOINT DETAILS
032	C-29	SITE PAVING DETAILS
033	C-30	PICNIC SITE DETAILS
034	C-31	SITE DETAILS
037	C-34	PRECAST DOUBLE VAULT RESTROOM BUILDING
038	C-35	RESTROOM DETAILS

SHEET INDEX

1	OCCUPANCY CLASSIFICATION	B
2	BUILDING CONSTRUCTION TYPE	I-B
3	NUMBER OF STORIES	1
4	ACTUAL BUILDING HEIGHT	12'-0"
5	BUILDING AREA IN SQUARE FEET	171 SF
6	AREA OF PROJECT IN SQUARE FEET	7,000 SF
7	SEPARATED OR NON-SEPARATED USE	NON-SEPARATED
8	ALLOWABLE AREA PER CBC	UL
9	AREA INCREASE	NO
10	HEIGHT INCREASE	NO
11	FIRE SPRINKLERS TYPE: (WET, DRY, PRE-ACTION OR DELUGE)	NO
12	FIRE ALARM TYPE: (MANUAL, AUTOMATIC, ETC)	NO
13	OTHER FIRE PROTECTION SYSTEMS, IF ANY	NO
14	SMOKE CONTROL SYSTEM	NO
15	OCCUPANT LOAD FOR ENTIRE BUILDING AND EACH FLOOR	2
16	YEAR BUILDING WAS CONSTRUCTED	NEW
17	IN A HIGH FIRE HAZARD SEVERITY ZONE?	NO

NOTE: ALL ROOMS ARE SINGLE OCCUPANCY, BASED ON OCCUPANT LOAD OF 1 OCCUPANT PER 150 SQUARE FEET, AND EXIT DIRECTLY TO THE EXTERIOR.

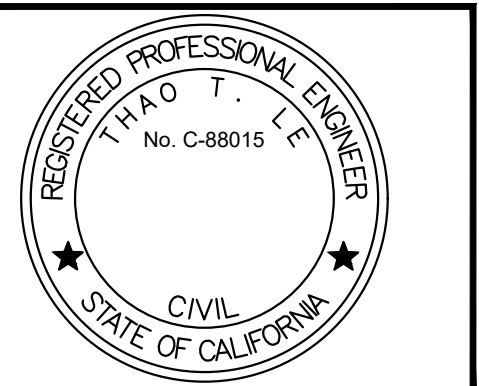
BUILDING CODE REVIEW

STATE OF CALIFORNIA
DEPARTMENT OF PARKS AND RECREATION
FACILITIES AND DEVELOPMENT DIVISION
NORTHERN SERVICE CENTER
2241 HARVARD STREET, SUITE 200
SACRAMENTO, CA 95815

PREPARED BY

SANTA CRUZ DISTRICTWIDE
19369 CABRILLO HIGHWAY SOUTH, SAN GREGORIO, CA 94074
PARK SECTOR OFFICE: 95 KELLY AVENUE, HALF MOON BAY, CA 94019
SAN MATEO COUNTY

SITE ADDRESS



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
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DATE: _____ OCTOBER 2023

REVISIONS	DATE

POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
COVER SHEET

206279.001

SHEET NO.
G-1
001 OF 038

CONCRETE

- STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH AS REQUIRED IN NOTE 24. MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.
- CONCRETE MIX DESIGNS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER, REVIEWED BY CONTRACTOR'S TESTING LABORATORY AND SUBMITTED TO THE STATE REPRESENTATIVE FOR REVIEW.
- CEMENTITIOUS MATERIALS:
CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II.
FLY ASH SHALL CONFORM TO ASTM C-618. MAXIMUM QUANTIFY OF FLY ASH SHALL BE AS GIVEN IN SPECS (15% MAXIMUM UNO).
- CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE AND ASTM C-330 FOR LIGHTWEIGHT CONCRETE.
- NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREMIXED NONMETALLIC FORMULA.
- REINFORCING BARS SHALL CONFORM TO ASTM D7957 / D7957M-17 FOR #3 AND LARGER. CONTRACTOR SHALL SUBMIT REBAR MANUFACTURER CERTIFICATES.
- REINFORCING BARS SHALL BE INSTALLED ACCORDING TO ACI 440.1-15 "GUIDE FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL CONCRETE REINFORCED WITH FIBER-REINFORCED POLYMER BARS AND ACI 440.5-08 "SPECIFICATION FOR CONSTRUCTION WITH FIBER-REINFORCED POLYMER REINFORCING BAR."
- DIMENSION SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS LISTED AND DENOTE CLEAR COVERAGE. NON-PRESTRESSED, CAST-IN-PLACE CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO:
CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) _____ 3"
CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS:
#5 AND SMALLER _____ 1-1/2"
#6 AND LARGER _____ 2"
SLABS (ON FORMS) _____ 3/4"
SLABS (ON GROUND) _____ 2" CLEAR FROM TOP UNO
- SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED UNO, SEE SCHEDULE THIS SHEET. SPLICES IN ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLICE CONTINUOUS BARS IN SOIL-BEARING GRADE BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIONS AS FOLLOWS UNO: TOP BARS AT CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLICE CONTINUOUS BARS IN ELEVATED SLABS AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE OF SUPPORT. SPLICES IN WWF SHALL BE 1-1/2" MESHES WIDE.
- THE MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN THE LARGER OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM AGGREGATE SIZE (NOMINAL), WHICHEVER IS GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR SPACING BETWEEN DIFFERENT LAYERS OF PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A CONTACT LAP SPLICE AND ADJACENT SPLICES OR BARS.
- ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED. AT WALLS, PROVIDE HOOKS AT ENDS OF ALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS, UNO.
- CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SAND BLASTING, OR RAKING THE SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
- REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE.
- ANCHOR BOLTS (AB'S) CAST IN CONCRETE OR MASONRY FOR WALL SILL AND LEDGER / APPLICATIONS SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM A307, UNO. REFER TO "WOOD" NOTES FOR ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH PRESSURE TREATED OR FIRE RETARDANT MATERIAL. REFER TO 'STRUCTURAL STEEL' NOTE FOR REQUIREMENTS FOR ANCHOR RODS (AR'S) CAST IN CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED APPLICATIONS.
- DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMN FROM FOUNDATION WITH SAME SIZE BAR.
- CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING BARS (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES HOPPER AND CHUTES OR TRUNKS OF VARIABLE LENGTHS SHALL BE USED SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 6 FEET.
- DRILL THROUGH STEEL COLUMNS, BEAMS AND PLATES TO PASS CONTINUOUS REINFORCING.
- NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
- PROVIDE #5 x 4'-0" DIAGONAL REINFORCING AT TOP AND BOTTOM OF SLAB AT ALL RE-ENTRANT CORNERS TYPICAL. THIS APPLIES TO SLAB ON GRADE, CONCRETE OVER METAL DECK, AND ELEVATED STRUCTURAL SLAB CONDITIONS.
- ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR DAMAGE.
- BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED.
- NOTIFY STATE REPRESENTATIVE A MINIMUM OF 48 HOURS BEFORE PLACING ANY CONCRETE.
- CONCRETE STRENGTHS & MIX PROPERTIES:

ITEM	F'C @ 28 DAYS	MAX. AGGR. SIZE	WEIGHT	MAX W/CM*
A. FOUNDATIONS	3500 PSI	1-1/2"	NW	0.45
B. SLAB ON GRADE	4000 PSI	1"	NW	0.45
C. SITE AND MISCELLANEOUS	3500 PSI	1"	NW	0.45

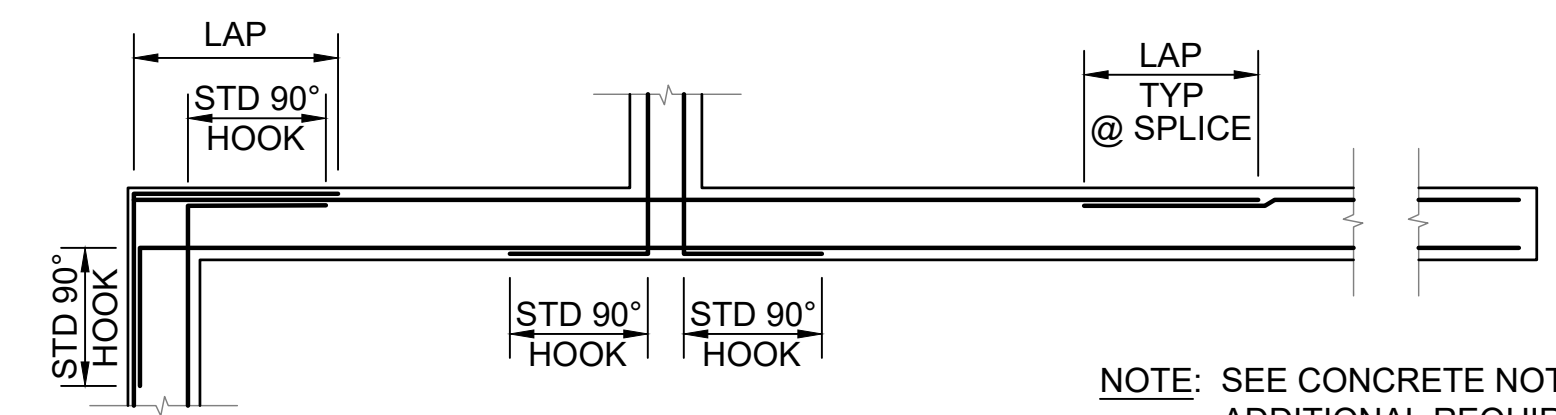
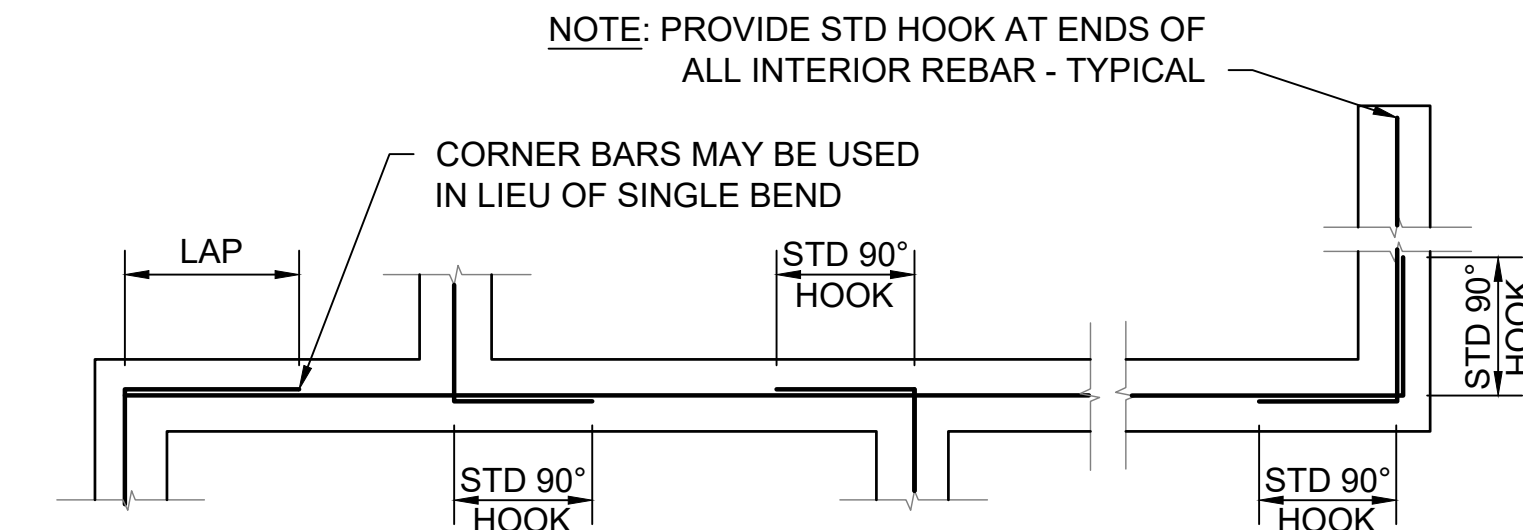
* W/CM = WATER : CEMENTITIOUS MATERIAL RATIO

REINFORCEMENT LAP SPLICE SCHEDULE:

F'c = 3500 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	18	35	43	52	75	86	97	109	121
	OTHER	14	27	33	40	58	66	75	84	93
F'c = 4000 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	17	32	40	48	70	80	91	102	113
	OTHER	13	25	31	37	54	62	70	79	87

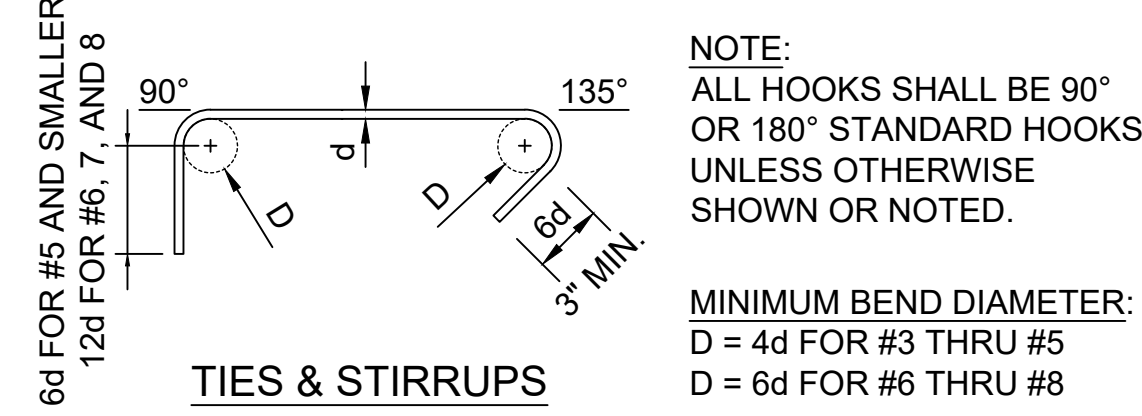
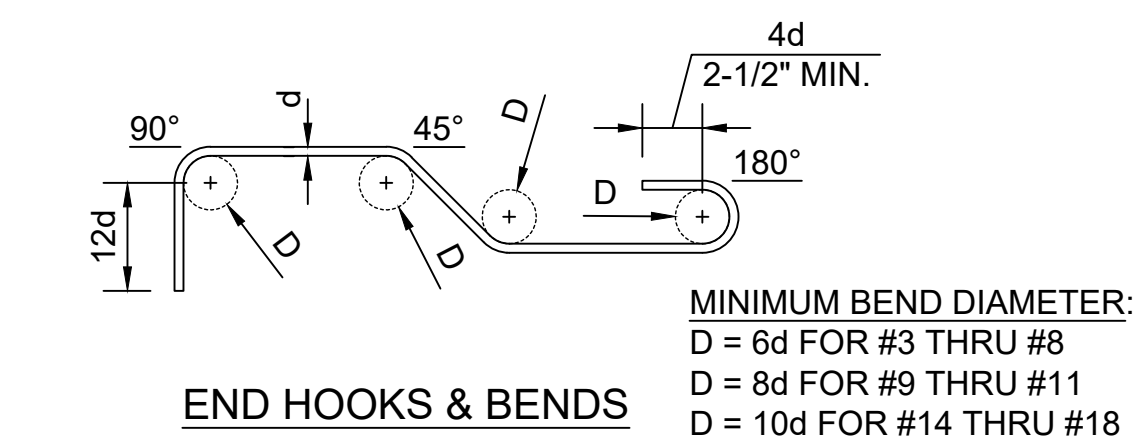
(ALL LENGTHS SHOWN ARE IN INCHES) ACI 318 2009 IBC 2016 CBC

- SCHEDULE APPLIES TO NORMAL WEIGHT CONCRETE WITH UNCOATED, GRADE 60 REINFORCING BARS FOR #4 BARS AND LARGER (VALUES FOR #3 BARS BASED ON GRADE 40).
- TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT LOCATED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.
- WHEN LIGHTWEIGHT CONCRETE IS USED, MULTIPLY LAP LENGTHS BY 1.30.
- WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR DIA. OR WHERE CLEAR COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIA., MULTIPLY LAP LENGTHS BY 1.50, UNO.
- WHERE NOTES #3 AND #4 OCCUR, MULTIPLY LAP LENGTHS BY 2.00, UNO.
- WHERE CLASS A LAP SPLICE IS NOTED IN DETAIL, DIVIDE LENGTH ABOVE BY 1.30.



1 CORNER REINFORCING AT CONCRETE FOOTINGS

SCALE@22X34 3/8" = 1'-0"



2 STANDARD REBAR HOOKS & BENDS

SCALE@22X34 1 1/2" = 1'-0"

ABBREVIATIONS

'	FEET	Ø, D OR DIA	DIAMETER	H	HEIGHT	RC	RELATIVE COMPACTION
" OR IN	INCHES	D	DEPTH	HDG	HOT DIP GALVANIZE	RSP	ROCK SLOPE PROTECTION
&	AND	DBH	DIAMETER AT BREAST HEIGHT	HMA	HOT MIX ASPHALT	S	SOUTH
#	NUMBER OR POUNDS	DI	DRAINAGE INLET, DROP INLET	HOR	HORIZONTAL	S=	SLOPE
(E)	EXISTING	DIAG	DIAGONAL	HW	HEAD WALL	SCD	SEAT COVER DISPENSER
(N)	NEW	DIM	DIMENSION	ID	INSIDE DIAMETER	SCH	SCHEDULE
@	AT	DG	DECOMPOSED GRANITE	IE	INVERT ELEVATION	SCO	SANITARY CLEAN OUT
AB	AGGREGATE BASE	DTL	DETAIL	L	LENGTH	SD	SOAP DISPENSOR
AC	ASPHALTIC CONCRETE	DWG	DRAWING	LAV	LAVATORY	SF	SQUARE FEET
ADA	AMERICAN DISABILITIES ACT	E	EAST	LF	LINEAR FEET	SND	SANITARY NAPKIN DISPOSAL
ADJ	ADJUSTABLE	EA	EACH	LS	LANDSCAPE	SPEC'S	SPECIFICATIONS
AFF	ABOVE FINISH FLOOR	EF	EACH FACE	LVR	LOUVER	SQ	SQUARE
APPROX	APPROXIMATE	EG	EXISTING GRADE ELEVATION	MAX	MAXIMUM	SS	STAINLESS STEEL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	ELV	ELEVATION	MFR	MANUFACTURER	STA	STATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	EOG	EDGE OF GUTTER	MIN	MINIMUM	STD	STANDARD
AWS	AMERICAN WELDING SOCIETY	EP	EDGE OF PAVEMENT	MISC	MISCELLANEOUS	TC	TOP OF CURB ELEVATION
BC	BOTTOM OF CURB ELEVATION	EQ	EQUAL	N	NORTH	TD	TRENCH DRAIN
BLDG	BUILDING	(E)P	EXISTING PAVEMENT ELEVATION	N/A	NOT APPLICABLE	TPD	TOILET PAPER DISPENSER
B.O.	BOTTOM OF	(E)S	EXISTING STAIR ELEVATION	NPT	NATIONAL PIPE TAPER	T.O.	TOP OF
BW	BOTTOM OF WALL ELEVATION	(E)TC	EXISTING TOP OF CURB ELEVATION	NTS	NOT TO SCALE	TW	TOP OF WALL ELEVATION
CL	CENTERLINE	EV	ELECTRONIC VEHICLE	NW	NORMAL WEIGHT	TYP	TYPICAL
C	CONCRETE ELEVATION	EW	EACH WAY	OC	ON CENTER	UL	UNLIMITED
CBC	CALIFORNIA BUILDING CODE	EXP	EXPANSION	OD	OUTSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE
CIP	CAST-IN-PLACE	FF	FINISH FLOOR ELEVATION	P	PAVEMENT ELEVATION	UTIL	UTILITY
CLR	CLEAR	FG	FINISH GRADE	PCC	PORTLAND CEMENT CONCRETE	VIF	VERIFY IN FIELD
CO	CLEAN OUT	FL	FLOW LINE	PT	POINT	W	WATER, WEST, WIDTH
CONC	CONCRETE	FOF	FACE OF FINISH	PTD	PAPER TOWER DISPENSER	WWF	WELDED WIRE FABRIC
CONT	CONTINUOUS	GALV	GALVANIZED	PVC	POLYVINYL CHLORIDE	W/	WITH
CP	CONTROL POINT	GB	GRADE BREAK	R	RADIUS		



FACILITIES AND DEVELOPMENT DIVISION



Reviewed by	Date

DESIGNED:	TL
DRAWN:	TL
CHECKED:	KR & MP
DATE:	OCTOBER 2023

REVISIONS	DATE

POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
GENERAL NOTES &
ABBREVIATIONS

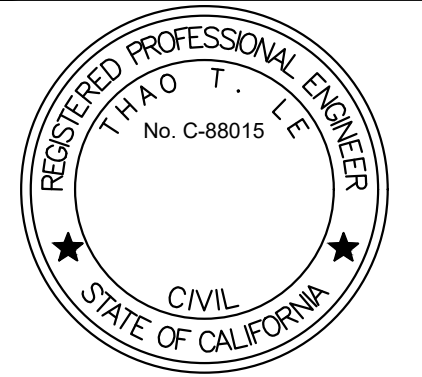
206279.002

SHEET NO.
G-2
002 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_r_replacement\05_drawings\Civil\G-2_GENERAL NOTES & ABBREVIATIONS.dwg Layout: G-2 Gen Notes & Abb_Pomponio Date: October 30 2023 - 12:41 pm User: tle



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #

Reviewed by _____ Date _____

ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

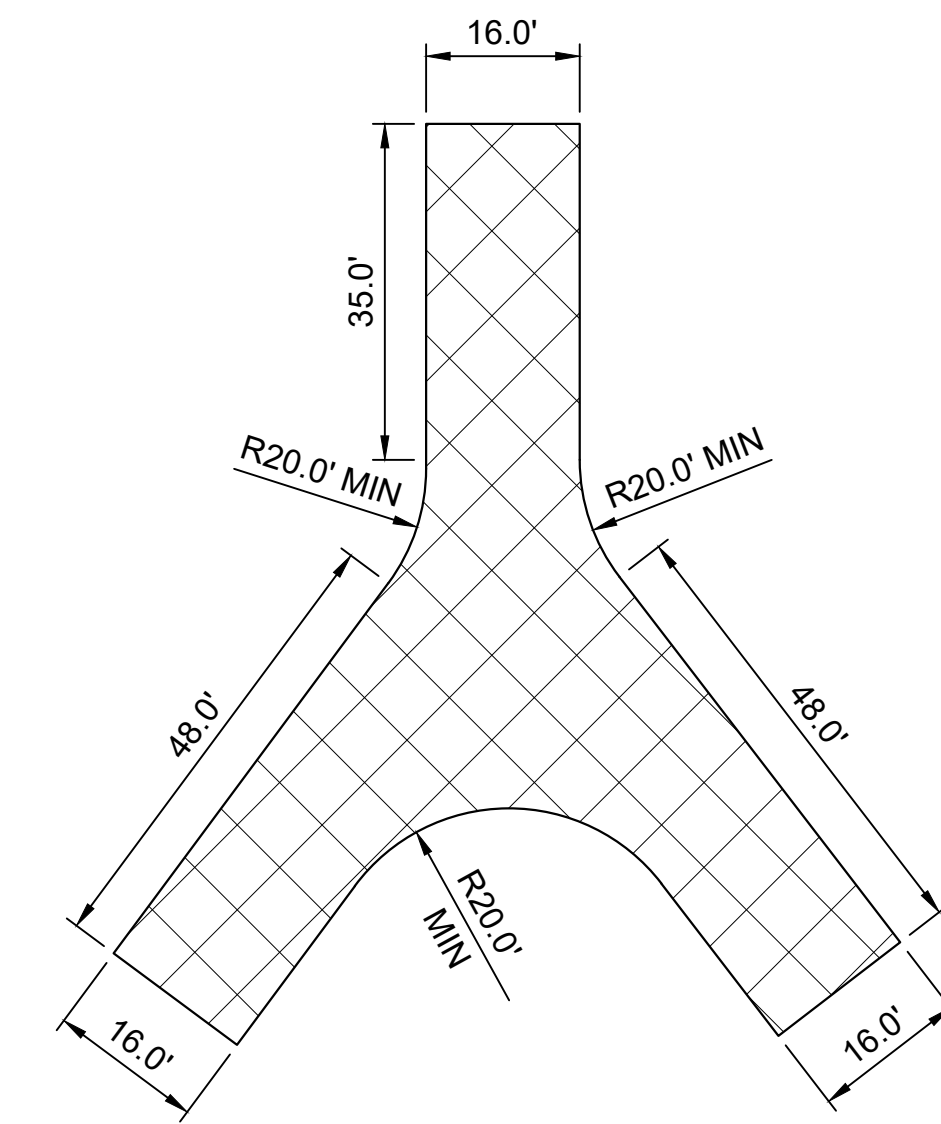
REVISIONS	DATE

POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
OVER ALL SITE PLAN

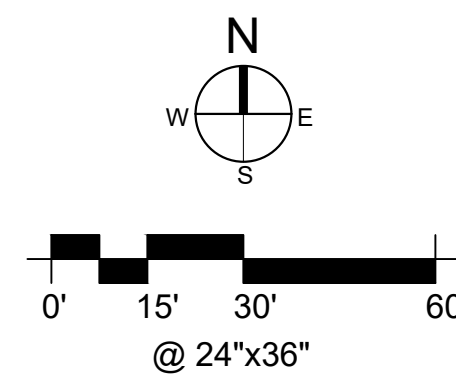
206279.003

SHEET NO.

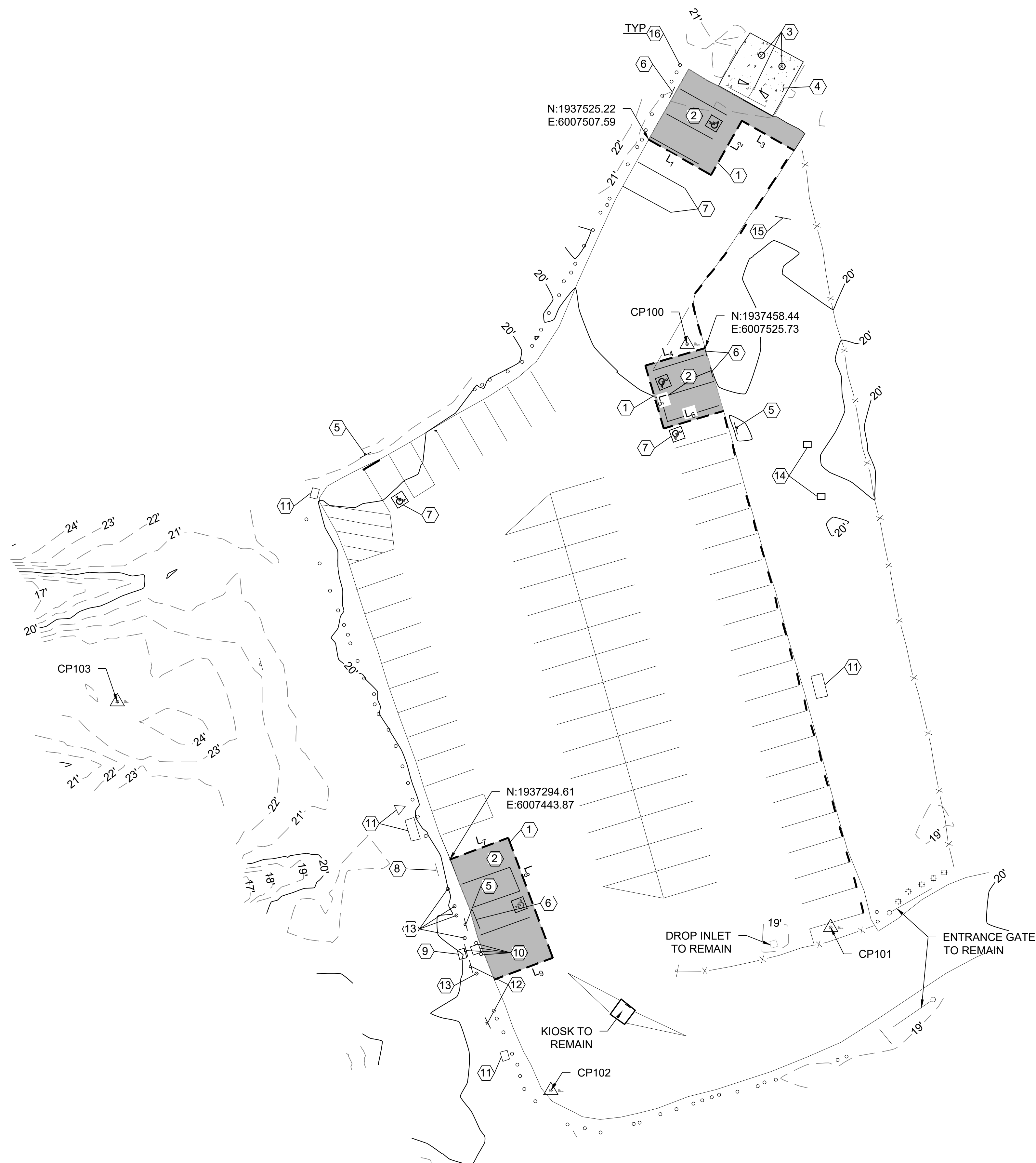
G-3
003 OF 038



**Y TURNAROUND
DIMENSIONS**



File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-8 EXISTING & DEMO PLAN - POMPONIO SB.dwg Layout: C-8 Existing Condition & Demo Plan_Pomponio Date: October 30 2023 - 1:08 pm User: lte



POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1937459.70'	6007519.94'	20.19'	SET MAG NAIL
CP101	1937272.87'	6007565.92'	19.47'	SET MAG NAIL
CP102	1937220.65'	6007476.26'	19.59'	SET MAG NAIL
CP103	1937345.16'	6007337.34'	24.19'	SET SPIKE

DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT ASPHALT, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ③ PUMP (E) VAULTS, REMOVE AND DISPOSE OF (E) VAULT TOILETS & WALL
- ④ REMOVE & DISPOSE (E) CONCRETE, LIMITS PER PLAN
- ⑤ REMOVE & DISPOSE (E) ACCESSIBLE SIGN & POST
- ⑥ REMOVE & DISPOSE (E) WHEEL STOPS, LIMIT PER PLAN
- ⑦ OBLITERATE (E) STRIPING AND PAVEMENT MARKINGS
- ⑧ (E) SIGN & POST TO REMAIN (PROTECT IN PLACE)
- ⑨ SALVAGE (E) TRASH CONTAINER AND RELOCATE PER STATE REPRESENTATIVE
- ⑩ SALVAGE (E) SHELF-PAY STATION, SIGN, POST & BOLLARDS. RELOCATE PER NOTE 19 ON SHEET C-9
- ⑪ (E) TRASH CONTAINERS TO REMAIN (PROTECT IN PLACE)
- ⑫ SALVAGE (E) SIGNS AND POSTS. RELOCATE PER NOTE 20 ON SHEET C-9
- ⑬ REMOVE & DISPOSE (E) WOOD BOLLARD POSTS LIMIT PER PLAN
- ⑭ REMOVE & DISPOSE (E) GRILL
- ⑮ REMOVE & DISPOSE (E) DISPLAY CASE
- ⑯ (E) WOOD BOLLARD POST TO REMAIN (PROTECT IN PLACE)

LEGEND

- ASPHALT DEMOLITION
- CONCRETE DEMOLITION
- (E) STRIPING
- (E) FENCE
- SAWCUT
- (E) WOOD POST
- (E) SIGN AND POST
- (E) WOOD BOLLARD POST
- SURVEY CONTROL POINT

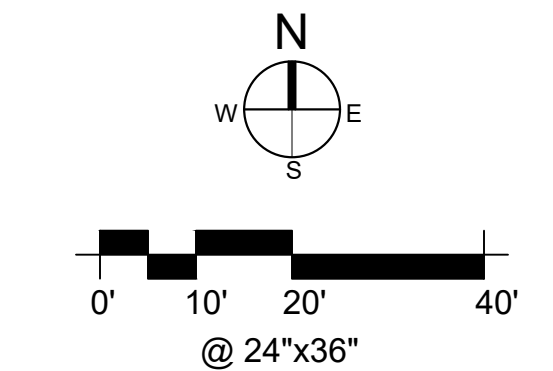
SAWCUT LINE TABLE

LINE	LENGTH	BEARING
L ₁	23.00'	S60°23'15"E
L ₂	20.00'	N29°36'45"E
L ₃	19.31'	S60°23'15"E
L ₄	20.00'	S73°41'33"W
L ₅	21.00'	S16°18'27"E
L ₆	20.00'	N73°41'33"E
L ₇	20.00'	N69°37'29"E
L ₈	41.00'	S20°22'31"E
L ₉	20.00'	S69°37'29"W

GENERAL NOTES:

- 1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

POMPONIO STATE BEACH
 VAULT RESTROOM REPLACEMENT
EXISTING CONDITION & DEMO PLAN

206279.011

SHEET NO.
C-8
011 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION CERTIFICATION #

DESIGNED: TL DRAWN: TL CHECKED: KR & MP DATE: OCTOBER 2023

Table with 2 columns: REVISIONS, DATE

POMPONIO STATE BEACH VAULT RESTROOM REPLACEMENT

SITE PLAN

206279.012

SHEET NO.

C-9

012 OF 038

CONSTRUCTION NOTES

- 1 INSTALL A DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON SHEET C-34, REFER TO DTL 18-19 ON C-24
2 CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-29, REFER TO DTL 19, 20, 21, 23, 25 ON C-24, AND DTL 26 ON C-25; 1.5% MAX SLOPE ANY DIRECTION
3 CONSTRUCT 5" PCC ON 12" CLASS 2 AB CONC SIDEWALK & PICNIC SITE PER DTL 2 ON C-29, REFER TO DTL 19, 22 - 25 ON C-24, DTL 27 ON C-25; LANDING 1.5% MAX SLOPE ANY DIRECTION
4 INSTALL 3'DxX'W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-28 & REFER TO DTL 19, 23, 25 ON C-24
5 INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN PER TO DTL 5 ON C-29, REFER TO DTL 19, 20, 21, 23, 25 ON C-24, AND DTL 26 ON C-25
6 INSTALL 6" AGGREGATE PAVING PATH ABOVE GEOTEXTILE FABRIC PER DTL 6, 10 ON C-29 & DTL 5 ON C-30, REFER TO DTL 24, 25 ON C-24
7 CONSTRUCT 4" WIDE WHITE STRIPE PARKING
8 INSTALL VAN ACCESSIBLE PARKING STALL PER DTL 1 ON C-28
9 INSTALL ACCESSIBLE PARKING STALLS PER DTL 1 ON C-28
10 INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-28
11 INSTALL WHEEL STOP PER DTL 9 ON C-28
12 CONSTRUCT 4" WIDE WHITE STRIPE, 3-FT O.C.
13 CONSTRUCT 12" HEIGHT WHITE "NO PARKING"
14 INSTALL 6" OF AGGREGATE BASE PER DTL 13 ON C-29, REFER TO DTL 18 - 20, DTL 22 - 24 & DTL 27 ON C-25
15 INSTALL (N) ACCESSIBLE SINGLE BBQ PER DTL 3 ON C-30
16 INSTALL (N) ACCESSIBLE PICNIC TABLE PER DTL 2 ON C-30
17 INSTALL (N) TRASH-RECYCLE CONTAINERS PER DTL 4 ON C-30
18 INSTALL (N) REDWOOD DISPLAY CASE - SINGLE PANEL 65"Lx32"Wx121.5"H PER DTL 8 ON C-30
19 RELOCATION (E) SELF-PAY STATION, SIGN, POST & BOLLARDS PER PLAN
20 RELOCATION (E) SIGN AND POST PER PLAN
21 CONSTRUCT SWALE REFER TO DTL 18 - 20 ON C-24

LEGEND

- (N) ASPHALT
(N) CONCRETE
(N) AGGREGATE PAVING
(N) TRUNCATED DOME
CUT/FILL SOIL
ACCESSIBLE PATH OF TRAVEL
(E) FENCE
(E) WOOD POST
(E) SIGN AND POST
(E) WOOD BOLLARD POST
SURVEY CONTROL POINT

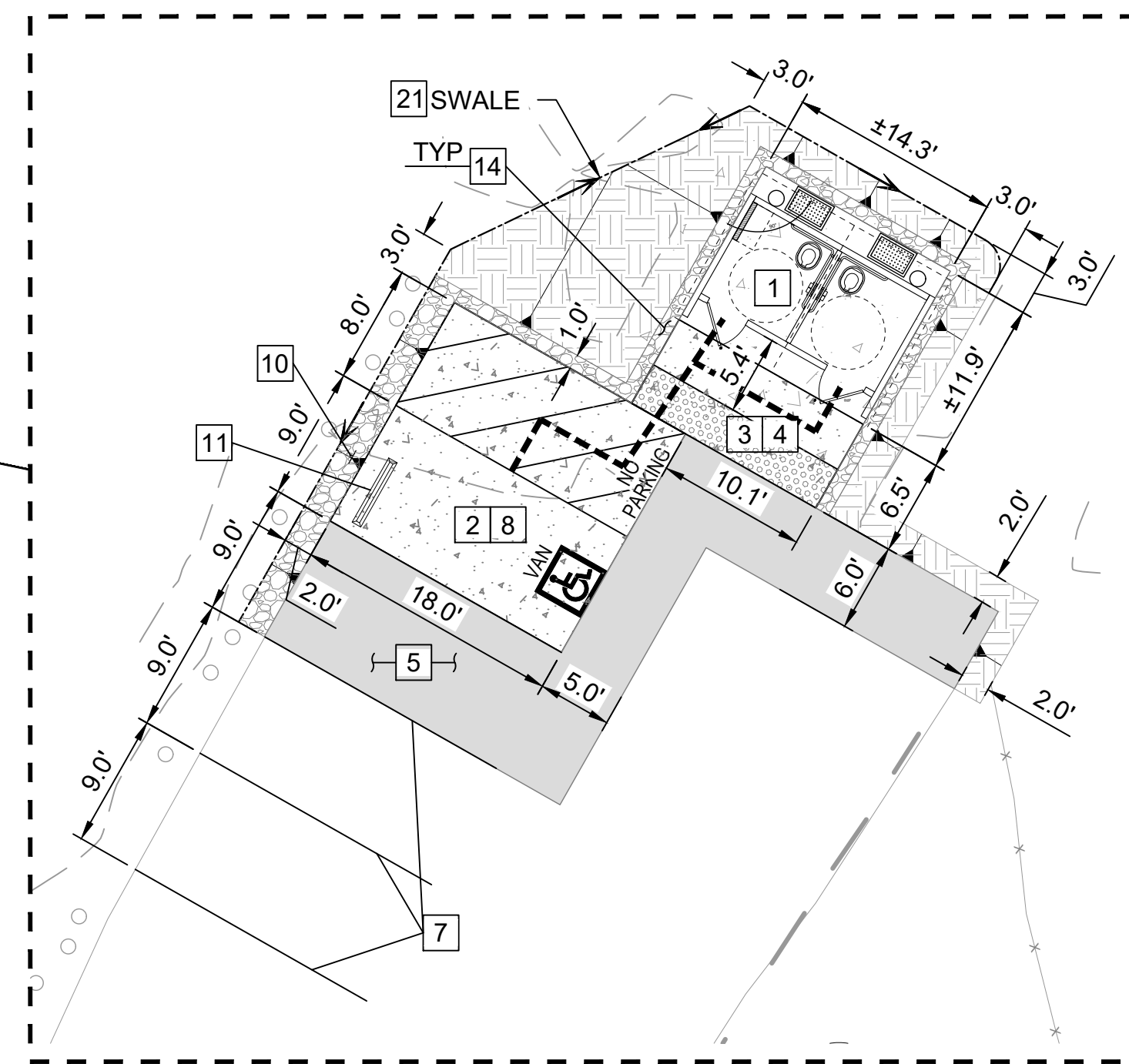
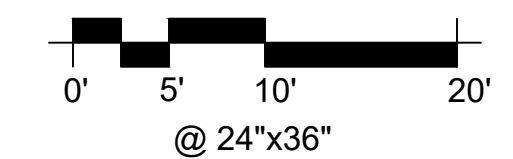
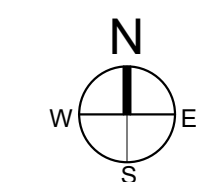
GENERAL NOTES:

- 1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

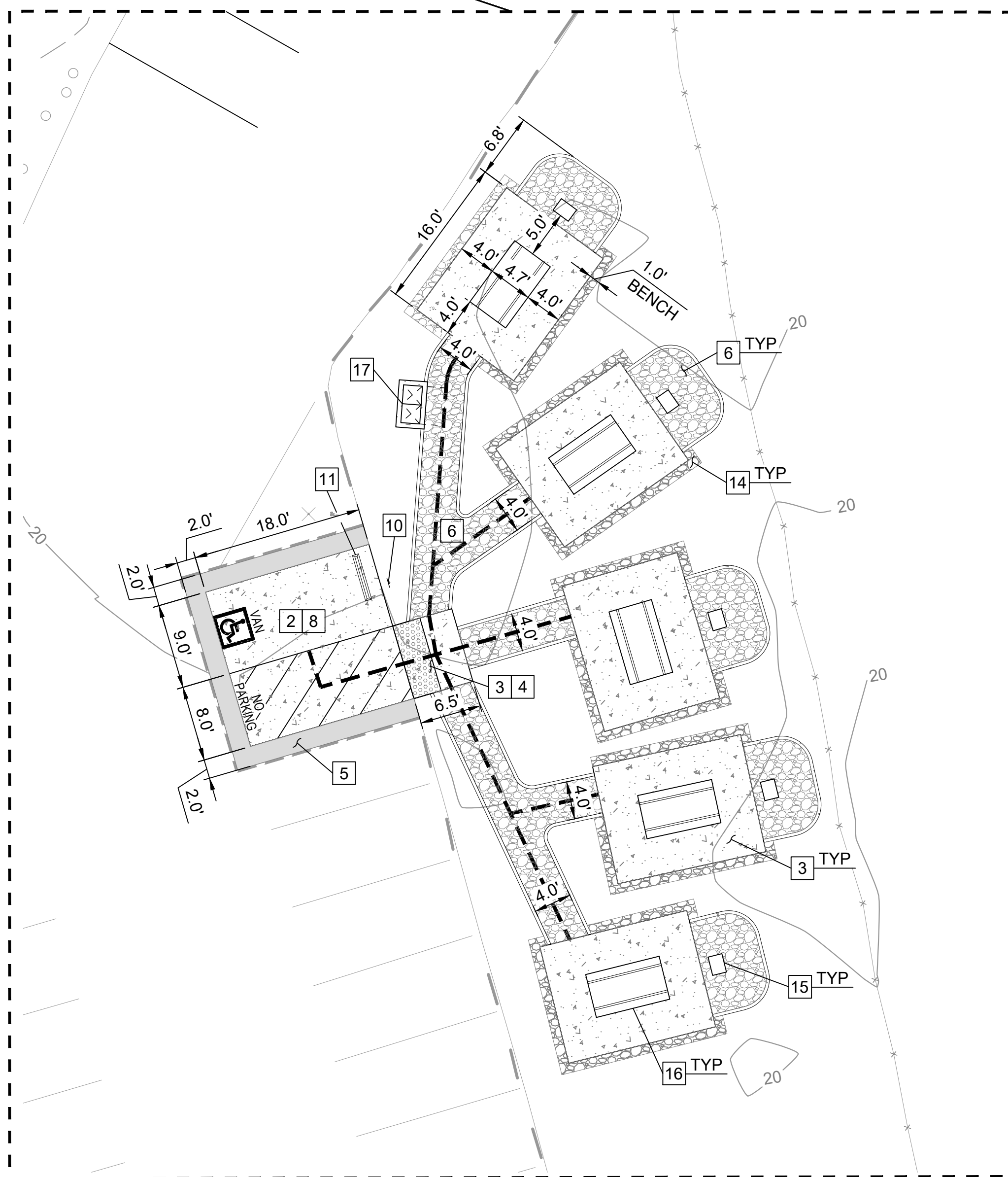
UNDERGROUND SERVICE ALERT



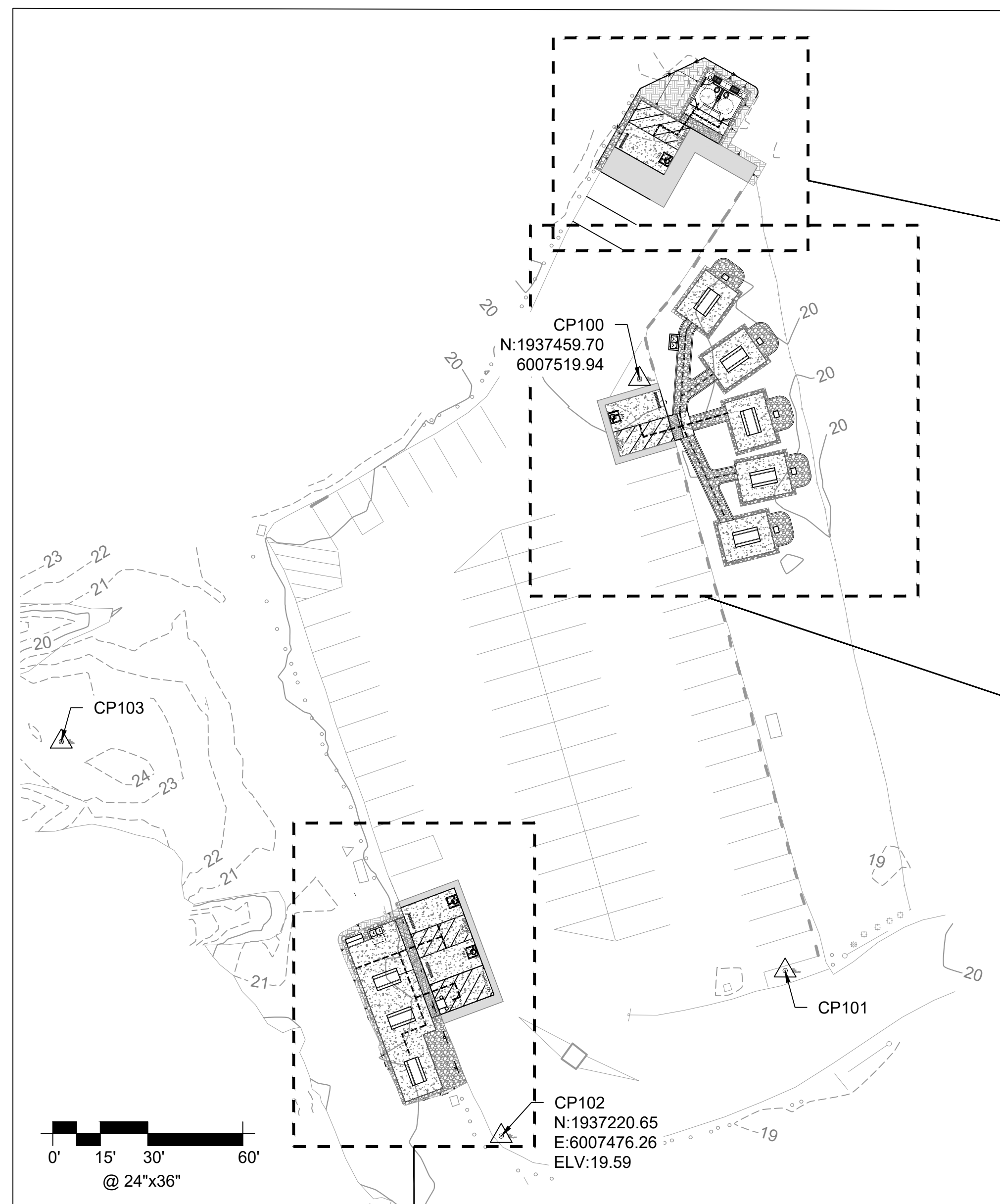
1-800-642-244 CALL BEFORE YOU DIG



SITE 1 SCALE: 1"=10'-0"



SITE 3 SCALE: 1"=10'-0"



SITE 2 SCALE: 1"=10'-0"

ENLARGE SITE



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
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DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
**PAVING, HORIZONTAL CONTROL
AND GRADING PLAN - SITE 1**

206279.013

SHEET NO.

C-10

013 OF 038

LINE TABLE		
LINE	LENGTH	BEARING
L ₁	64.91'	N06°51'14"E
L ₂	18.00'	N60°23'15"W
L ₃	17.00'	N29°36'45"E
L ₄	13.78'	S60°23'15"E
L ₅	6.50'	N29°36'45"E
L ₆	14.33'	S60°23'15"E
L ₇	6.50'	S29°36'45"W
L ₈	14.20'	S60°23'15"E
L ₉	6.00'	S29°36'45"W
L ₁₀	24.01'	N29°36'45"E
L ₁₁	4.99'	N29°36'45"E
L ₁₂	17.42'	N64°22'38"E
L ₁₃	5.00'	N64°22'38"E
L ₁₄	18.33'	S60°23'15"E
L ₁₅	1.00'	S29°36'45"W

CURVE TABLE					
CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C ₁	90°00'00"	2.00'	3.14'	2.00'	2.83'

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) AGGREGATE PAVING
- FILL SOIL
- (N) TRUNCATED DOME
- ACCESSIBLE PATH OF TRAVEL
- (E) FENCE
- (E) WOOD BOLLARD POST
- SURVEY CONTROL POINT

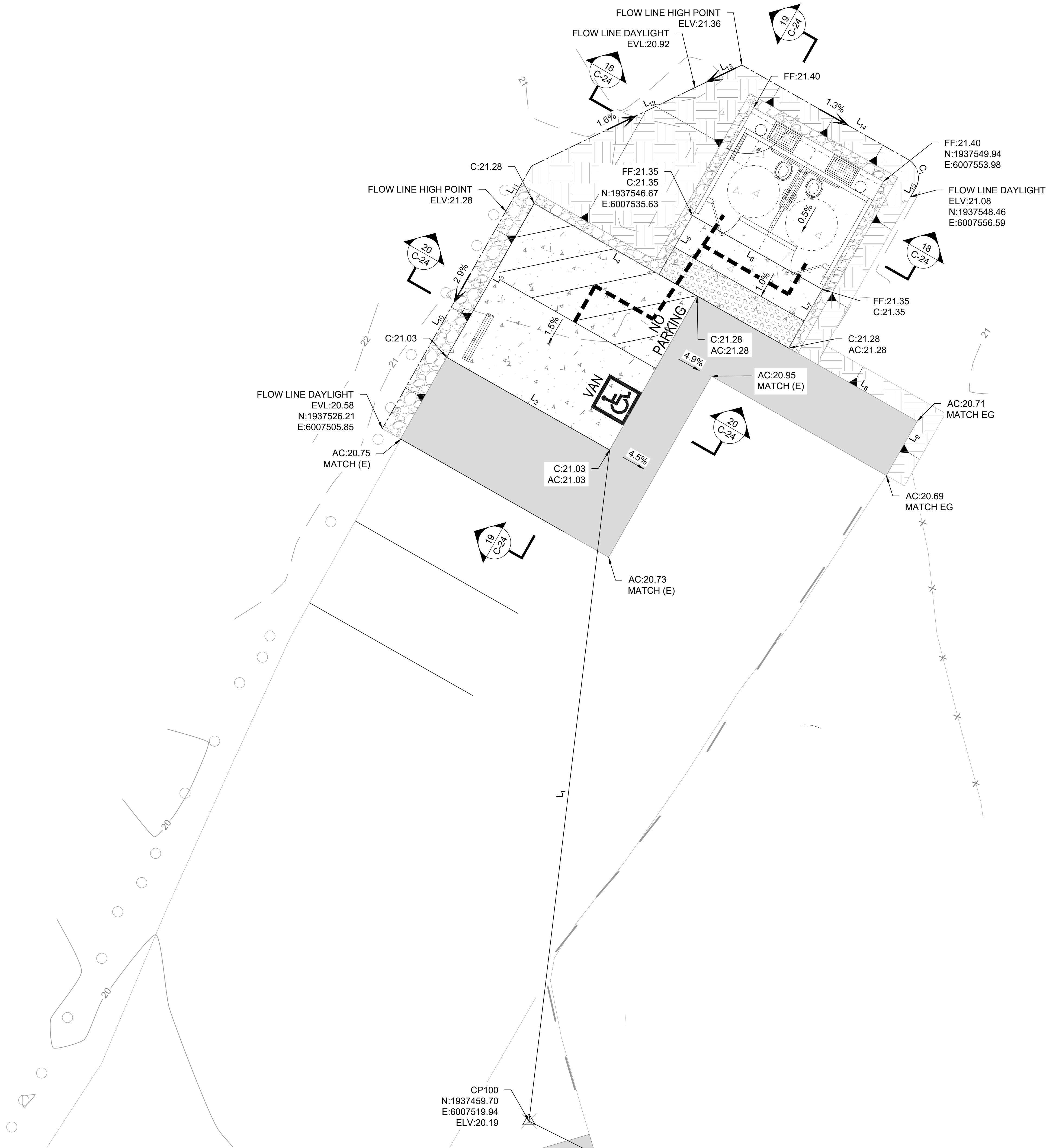
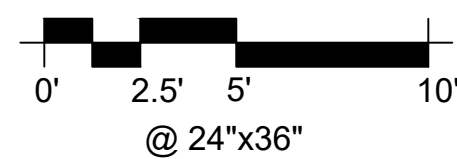
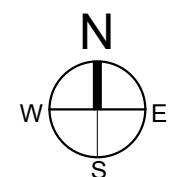
GENERAL NOTES:

- PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



1-800-642-244
CALL BEFORE YOU DIG



File: Q:\Santa_Cruz_District\206279-San_Mateo_Coast_RR_Replace05_Drawings\Civil\Details\Paving dtlis.dwg Layout: Model Date: May 15 2023 - 12:31 pm User: tie



FACILITIES AND DEVELOPMENT DIVISION



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DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
**PAVING, HORIZONTAL CONTROL
AND GRADING PLAN - SITE 2**

206279.014

SHEET NO.
C-11
014 OF 038

LINE TABLE		
LINE	LENGTH	BEARING
L ₁	44.67'	N02°56'24"W
L ₂	36.00'	N20°22'31"W
L ₃	18.00'	S69°37'29"W
L ₄	3.00'	S20°22'31"E
L ₅	12.50'	S69°37'29"W
L ₆	3.00'	S20°22'31"E
L ₇	7.50'	S69°37'29"W
L ₈	52.00'	S20°22'31"E
L ₉	12.67'	N69°37'29"E
L ₁₀	18.00'	N20°22'31"W
L ₁₁	4.33'	N69°37'29"E
L ₁₂	4.00'	N20°22'31"W
L ₁₃	21.00'	N69°37'29"E
L ₁₄	7.70'	N69°37'29"E
L ₁₅	19.00'	N21°29'27"W

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) AGGREGATE PAVING
- CUT / FILL SOIL
- (N) TRUNCATED DOME
- ACCESSIBLE PATH OF TRAVEL
- (E) WOOD BOLLARD POST
- SURVEY CONTROL POINT

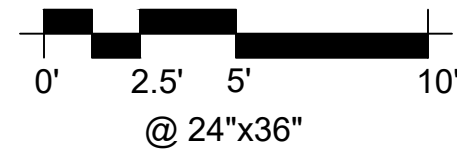
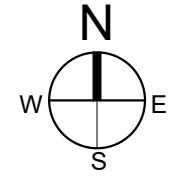
GENERAL NOTES:

1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



1-800-642-244
CALL BEFORE YOU DIG



File: Q:\Santa_Cruz_Districtwide\206279-San_Mateo_Coast_RR_Replace05_Drawings\Civil\Details\Paving dtls.dwg Layout: Model Date: May 15 2023 - 12:31 pm User: tle

File: Q:\santa_cruz_districtwide\206279-sam_mateo_coast_rr_replace\05_drawings\Civil\C-9 SITE PLAN - POMPONIO SB.dwg Layout: C-9 SITE PLAN - POMPONIO SB Date: June 22 2023 - 1:02 pm User: tie



LINE TABLE

LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L ₁	7.11'	S63°25'16"E	L ₁₆	11.86'	S73°41'33"W
L ₂	18.00'	S73°41'33"W	L ₁₇	2.33'	N16°18'27"W
L ₃	17.00'	S16°18'27"E	L ₁₈	0.34'	S73°41'33"W
L ₄	20.12'	N73°41'33"E	L ₁₉	2.10'	N04°17'22"E
L ₅	29.31'	S25°08'00"E	L ₂₀	10.19'	N55°02'10"E
L ₆	4.08'	N76°01'37"E	L ₂₁	4.00'	N34°57'50"W
L ₇	10.72'	N25°08'00"W	L ₂₂	6.24'	S55°02'10"W
L ₈	5.14'	N77°46'40"E	L ₂₃	13.04'	N04°17'15"E
L ₉	4.00'	N12°13'19"W	L ₂₄	1.77'	N36°16'21"E
L ₁₀	6.35'	S77°46'40"W	L ₂₅	4.00'	N53°43'39"W
L ₁₁	11.18'	N25°08'00"W	L ₂₆	1.77'	S36°16'21"W
L ₁₂	0.34'	N73°41'33"E	L ₂₇	25.34'	S04°17'15"W
L ₁₃	1.67'	N16°18'27"W	L ₂₈	1.87'	S73°41'33"W
L ₁₄	11.86'	N73°41'33"E	L ₂₉	9.00'	N16°18'27"W
L ₁₅	4.00'	N16°18'27"W			

CURVE TABLE

CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C ₁	102°54'34"	1.50'	2.69'	1.88'	2.35'
C ₂	77°05'11"	2.00'	2.69'	1.59'	2.49'
C ₃	50°45'09"	3.00'	2.66'	1.42'	2.57'
C ₄	129°14'59"	1.00'	2.26'	2.11'	1.81'
C ₅	31°59'03"	3.00'	1.68'	0.86'	1.65'
C ₆	31°59'05"	7.00'	3.91'	2.01'	3.86'

- LEGEND**
- (N) ASPHALT
 - (N) CONCRETE
 - (N) AGGREGATE PAVING
 - (N) TRUNCATED DOME
 - ACCESSIBLE PATH OF TRAVEL. RUNNING SLOPE 5% OR LESS, CROSS SLOPE 2% OR LESS. SEE DETAIL FOR PARKING STALL AND ACCESS AISLE SLOPES
 - (E) FENCE
 - (E) WOOD BOLLARD POST
 - SURVEY CONTROL POINT

GENERAL NOTES:

- PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT

1-800-642-244
CALL BEFORE YOU DIG

0' 5' 10' 20'
@ 24"x36"



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
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CHECKED: _____ KR & MP
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REVISIONS	DATE

POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
**PAVING, HORIZONTAL CONTROL
AND GRADING PLAN - SITE 3**

206279.015
SHEET NO.
C-12
015 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION CERTIFICATION #

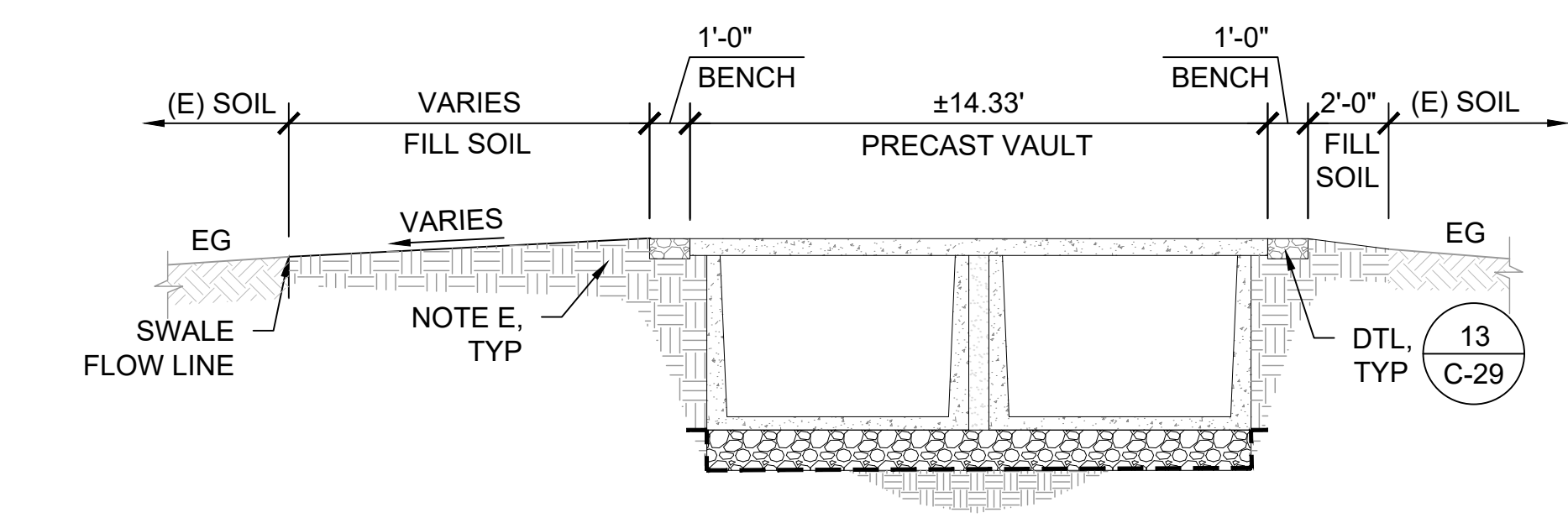
DESIGNED: TL DRAWN: TL CHECKED: KR & MP DATE: OCTOBER 2023

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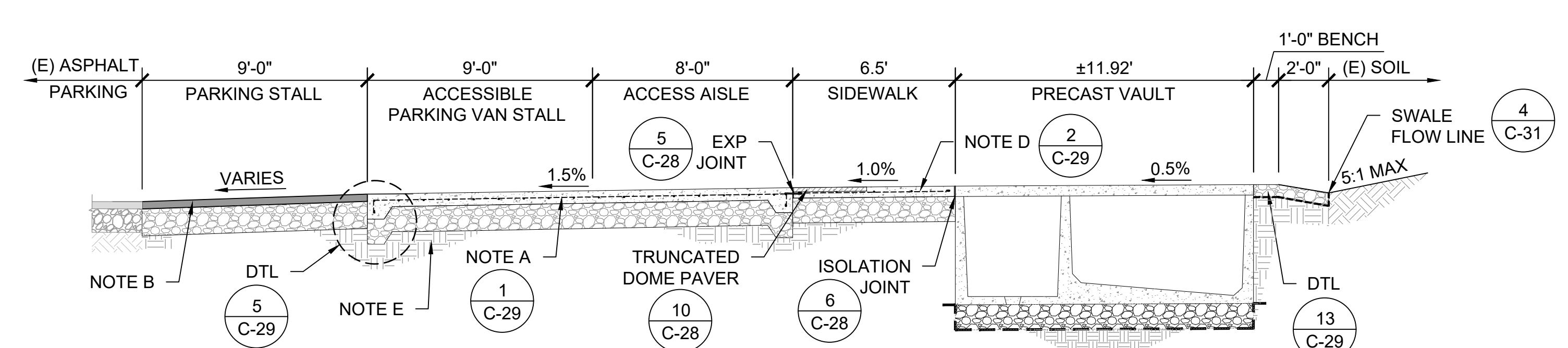
POMPONIO STATE BEACH VAULT RESTROOM REPLACEMENT GRADING & PAVING SECTIONS 3

206279.027

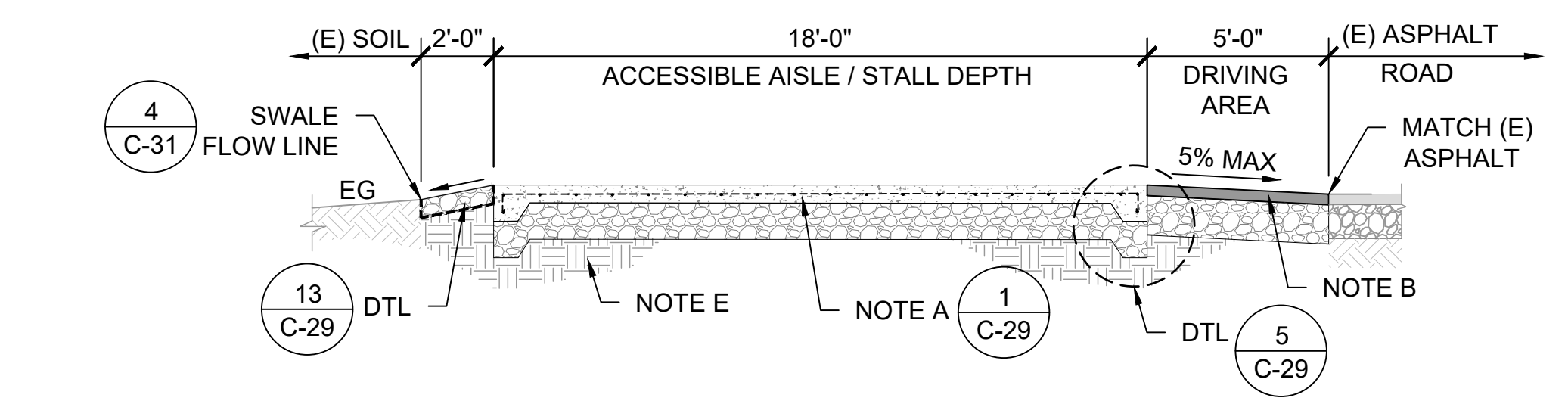
SHEET NO. C-24 027 OF 038



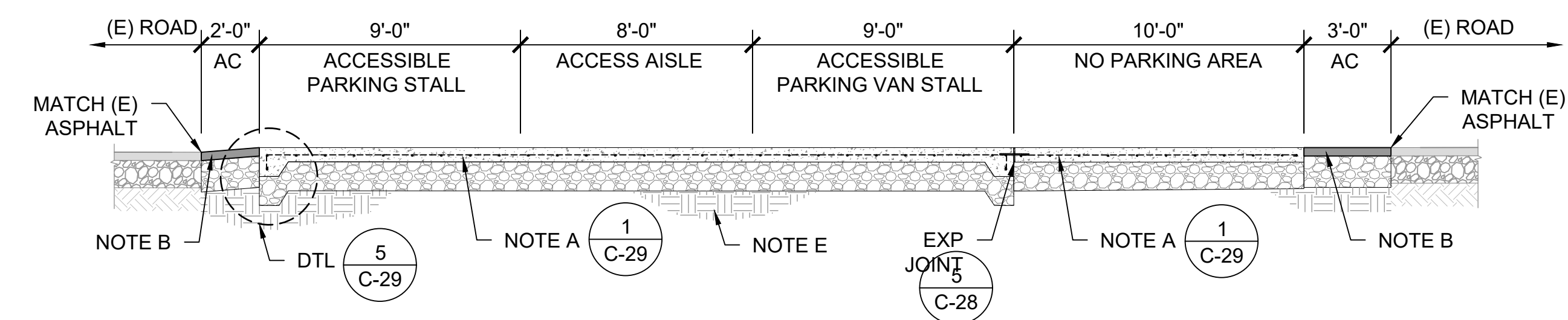
18 GRADING & PAVING SECTION - POMPONIO SB - SITE 1 SCALE@22X34 1/4" = 1'-0"



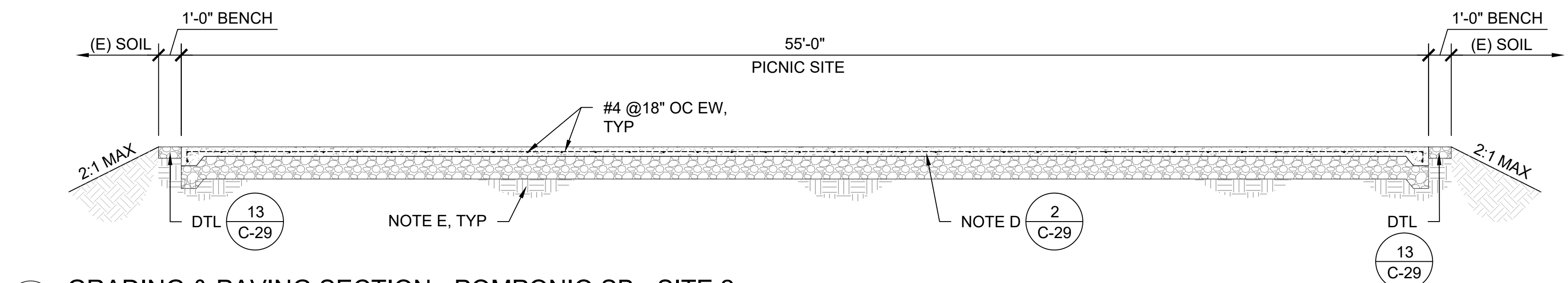
19 GRADING & PAVING SECTION - POMPONIO SB - SITE 1 SCALE@22X34 1/4" = 1'-0"



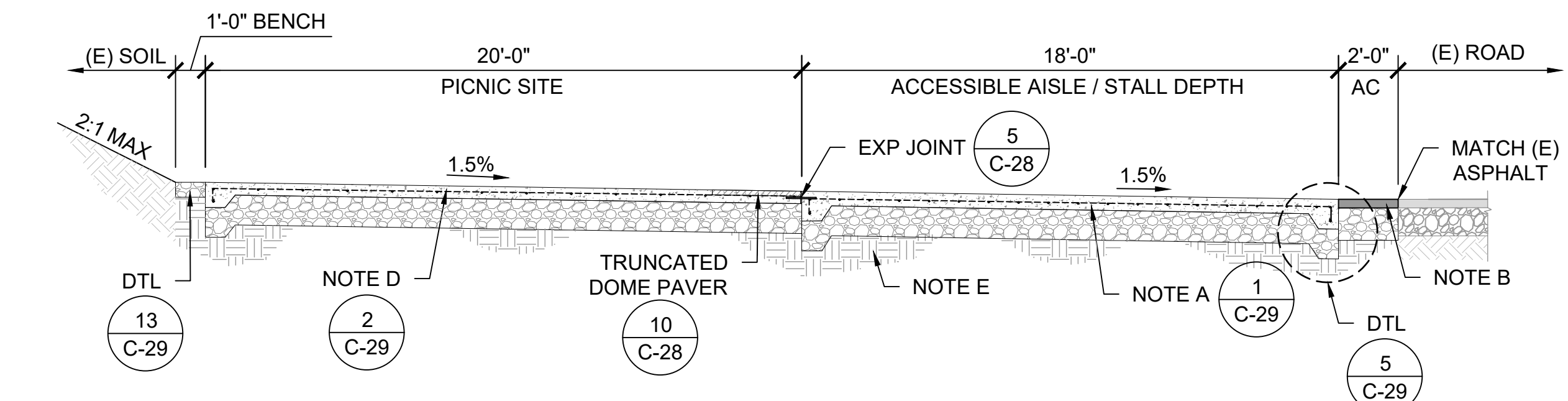
20 GRADING & PAVING SECTION - POMPONIO SB - SITE 1 SCALE@22X34 1/4" = 1'-0"



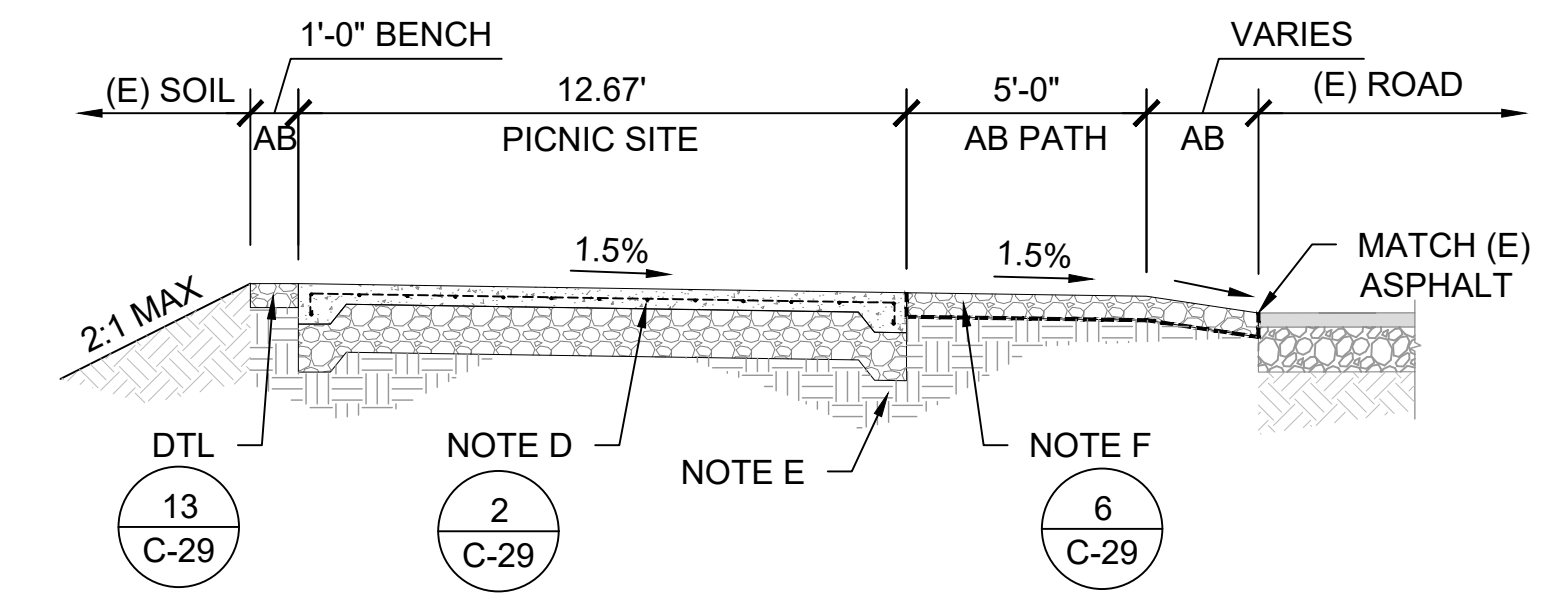
21 GRADING & PAVING SECTION - POMPONIO SB - SITE 2 SCALE@22X34 1/4" = 1'-0"



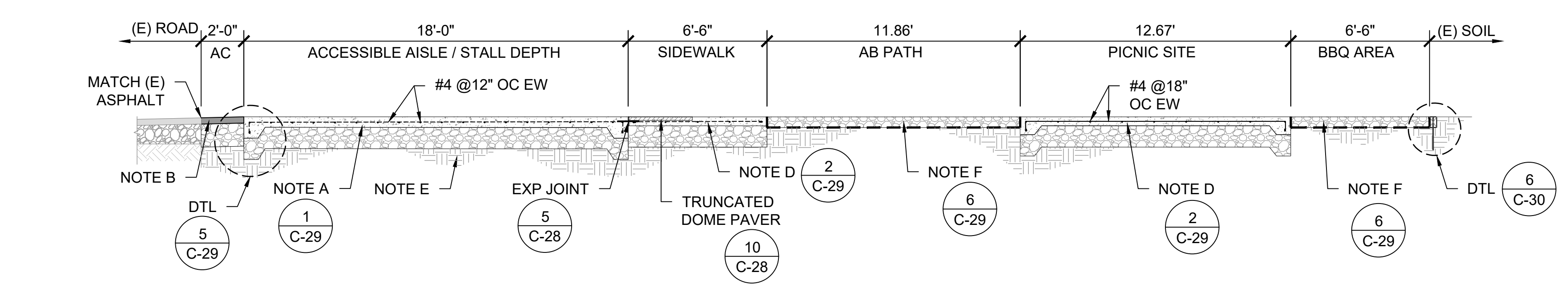
22 GRADING & PAVING SECTION - POMPONIO SB - SITE 2 SCALE@22X34 1/4" = 1'-0"



23 GRADING & PAVING SECTION - POMPONIO SB - SITE 2 SCALE@22X34 1/4" = 1'-0"



24 PAVING & GRADING SECTION - POMPONIO SB - SITE 2 SCALE@22X34 1/4" = 1'-0"



25 GRADING & PAVING SECTION - POMPONIO SB - SITE 3 SCALE@22X34 1/4" = 1'-0"

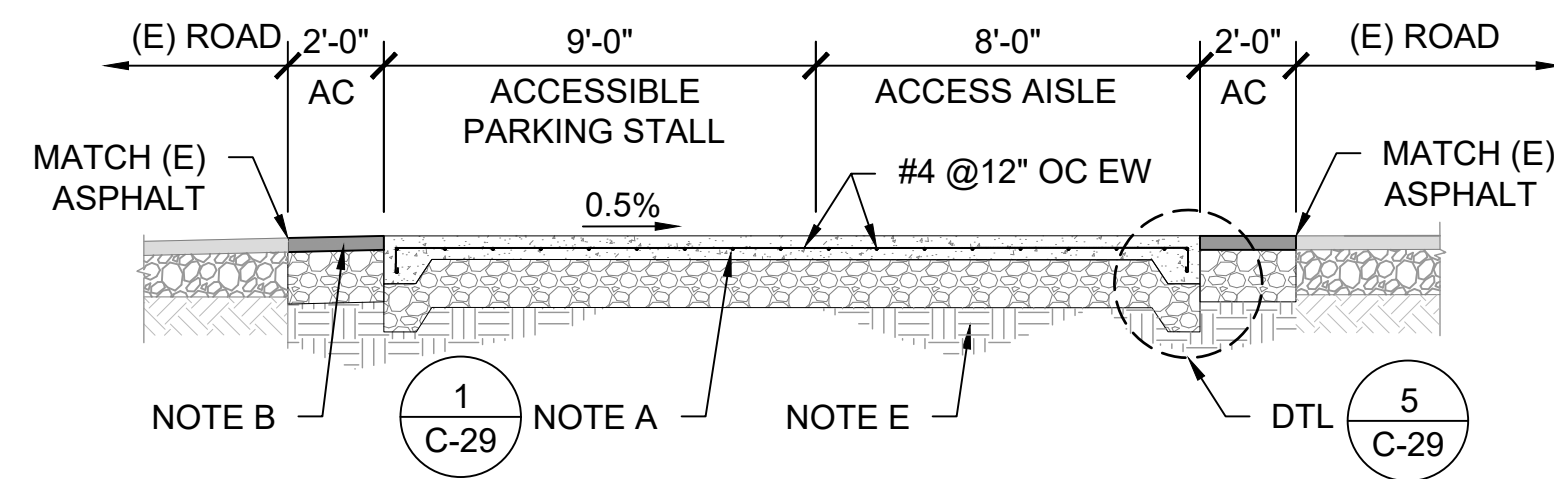
NOTES:

- A. 6" PCC ON 12" CLASS 2 AB... B. 3.5" AC ON 13" CLASS 2 AB... C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC... D. 5" PCC ON CLASS 2 AB... E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED... F. 6" AGGREGATE PAVING ABOVE GEOTEXTILE FABRIC... G. GRADING PER PLAN SHEET C-2 THROUGH C-21... H. SOIL CONDITIONS VARY AT EACH SITE LOCATION... I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES... J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022 AND REVISED JANUARY 5, 2023

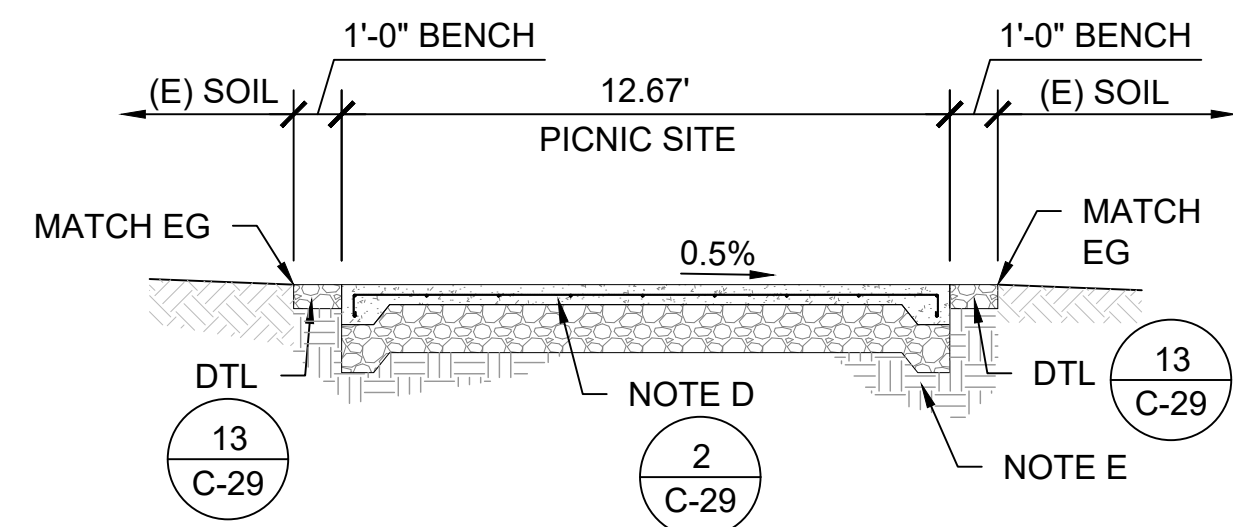
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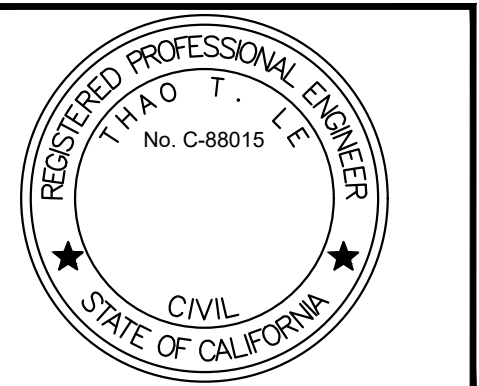
FACILITIES AND DEVELOPMENT DIVISION



26 GRADING & PAVING SECTION - POMPONIO SB - SITE 3
SCALE@22X34 1/4" = 1'-0"



27 GRADING & PAVING SECTION - POMPONIO SB - SITE 3
SCALE@22X34 1/4" = 1'-0"



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

NOTES:

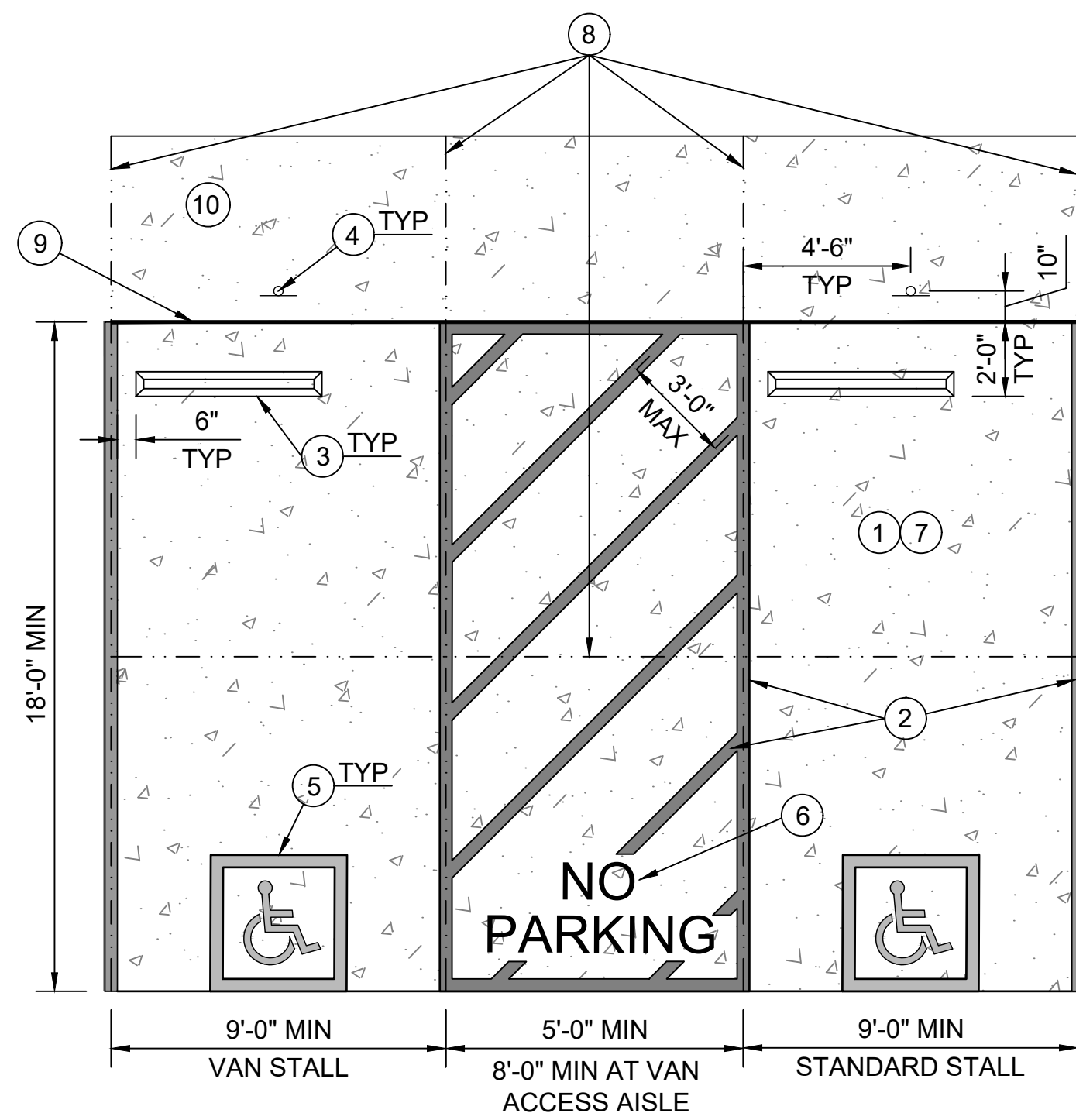
- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- D. 5" PCC ON CLASS 2 AB, PER GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-29, REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-29.
- F. 6" AGGREGATE PAVING ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
- G. GRADING PER PLAN SHEET C-2 THROUGH C-21
- H. SOIL CONDITIONS VARY AT EACH SITE LOCATION, SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
- PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
- CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
- SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022 AND REVISED JANUARY 5, 2023

POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
GRADING & PAVING SECTIONS 4

206279.028

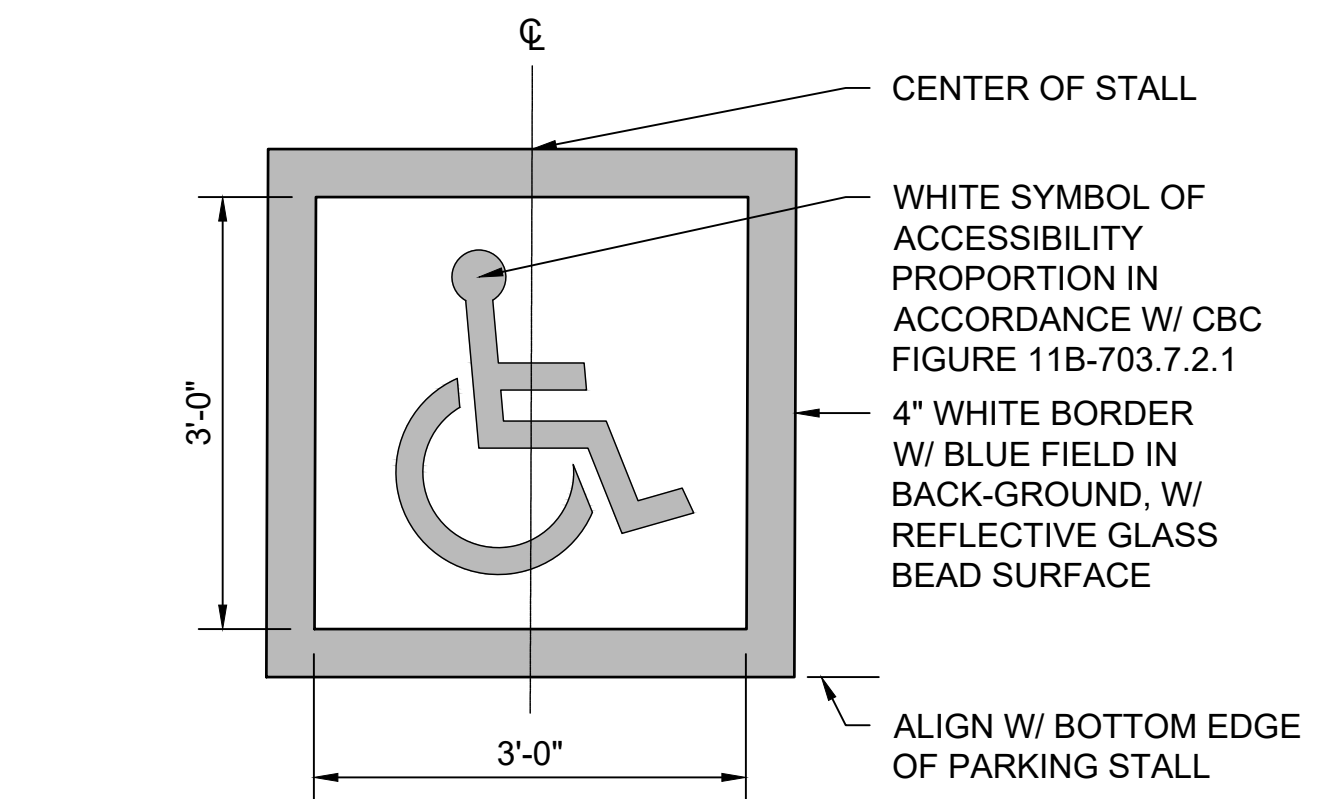
SHEET NO.
C-25
028 OF 038

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_it_replacement\05_drawings\Civil\C-28 ACCESSIBLE PARKING & CONCRETE JOINT DETAILS.dwg Layout: C-28 ADA Parking & Conc Joint Dets_Pomponio Date: October 30 2023 - 12:25 pm User: tte

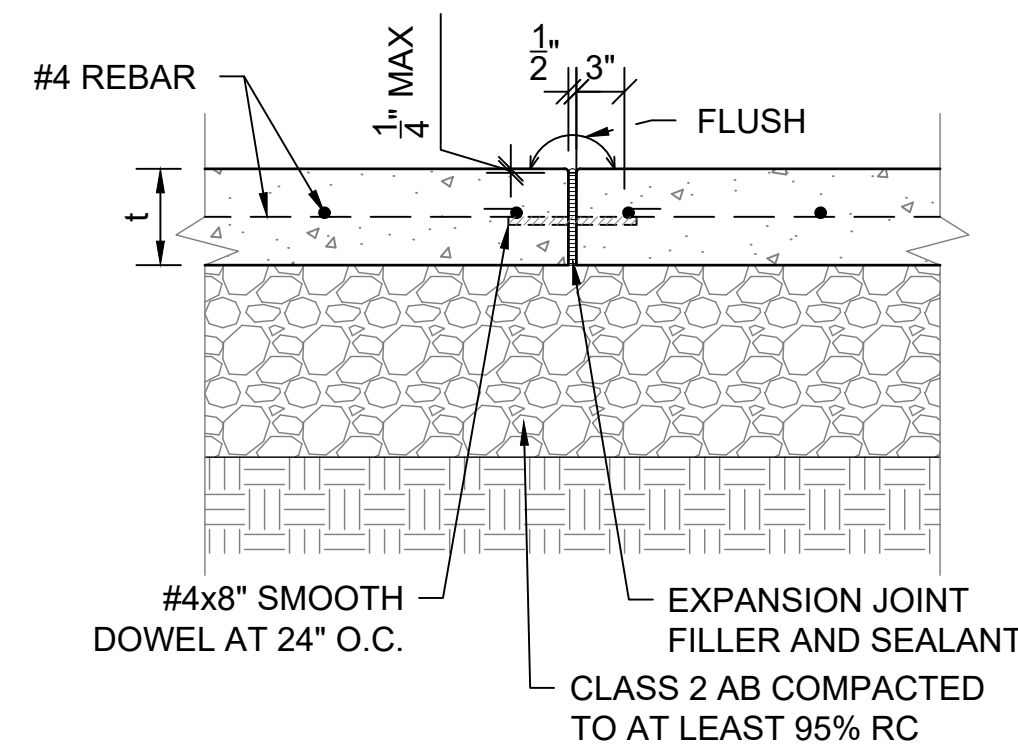


- NOTES:**
- PARKING PAD TO BE CIP CONC PER DETAIL 1 ON SHEET C-29
 - 4" WIDE PAINTED BLUE LINES, TYP 45 DEGREE LINES SHALL BE 36" MAX OC
 - INSTALL CONC WHEEL STOPS PER DETAIL 9 ON THIS SHEET
 - INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 2 ON THIS SHEET
 - INSTALL ACCESSIBLE SYMBOL PER DETAIL 4 ON THIS SHEET
 - "NO PARKING" TEXT SHALL BE PAINTED ON THE GROUND IN WHITE PAINT NO LESS THAN 12 INCHES PER CBC SECTION 11B.502.3.3 "MARKING"
 - ACCESSIBLE PARKING STALLS TO HAVE A MAX 1.8% SLOPE IN ANY DIRECTION, REFER TO 2022 CBC SECTION 11B-502 FOR FURTHER INFORMATION.
 - CONTRACTION JOINTS PLACED IN SAME LOCATION AS PARKING STALL JOINTS, AND PLACED AT MIDWAY OF STALL, PER DETAIL 7 ON THIS SHEET
 - EXPANSION JOINT PER DETAIL 5 ON THIS SHEET
 - SIDE WALK TO BE CIP CONC PER DETAIL 2 ON SHEET C-29

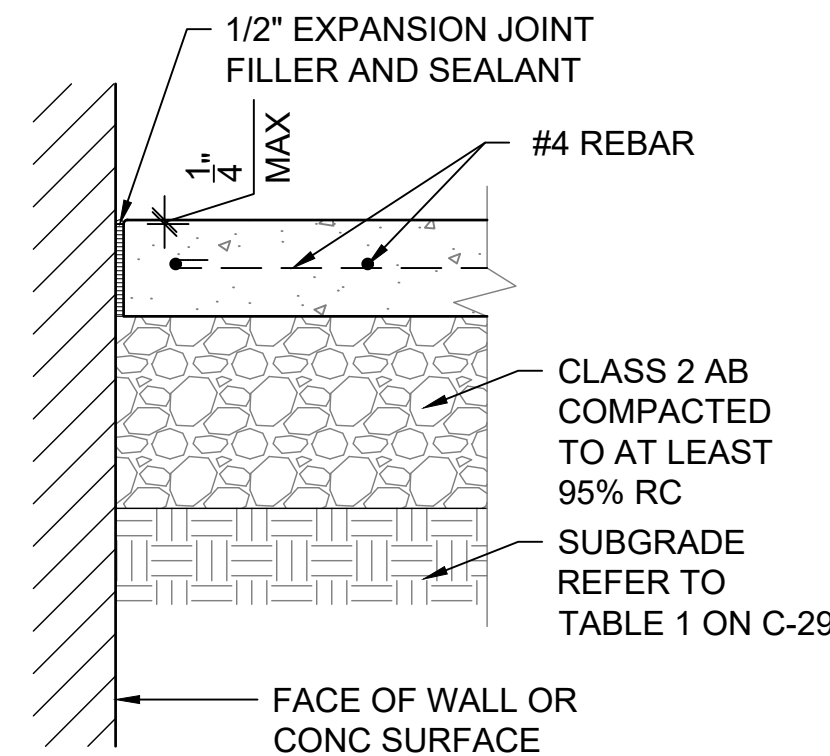
1 ACCESSIBLE PARKING STALLS - TYPICAL
SCALE@22X34 1/4" = 1'-0"



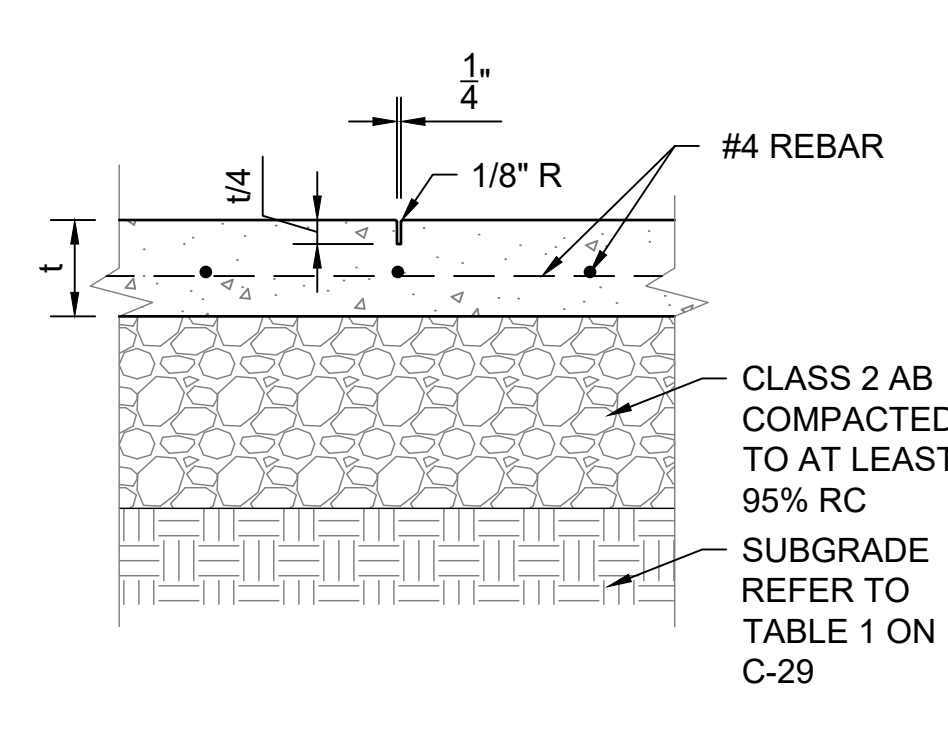
4 INTERNATIONAL SYMBOL OF ACCESSIBILITY
SCALE@22X34 3/4" = 1'-0"



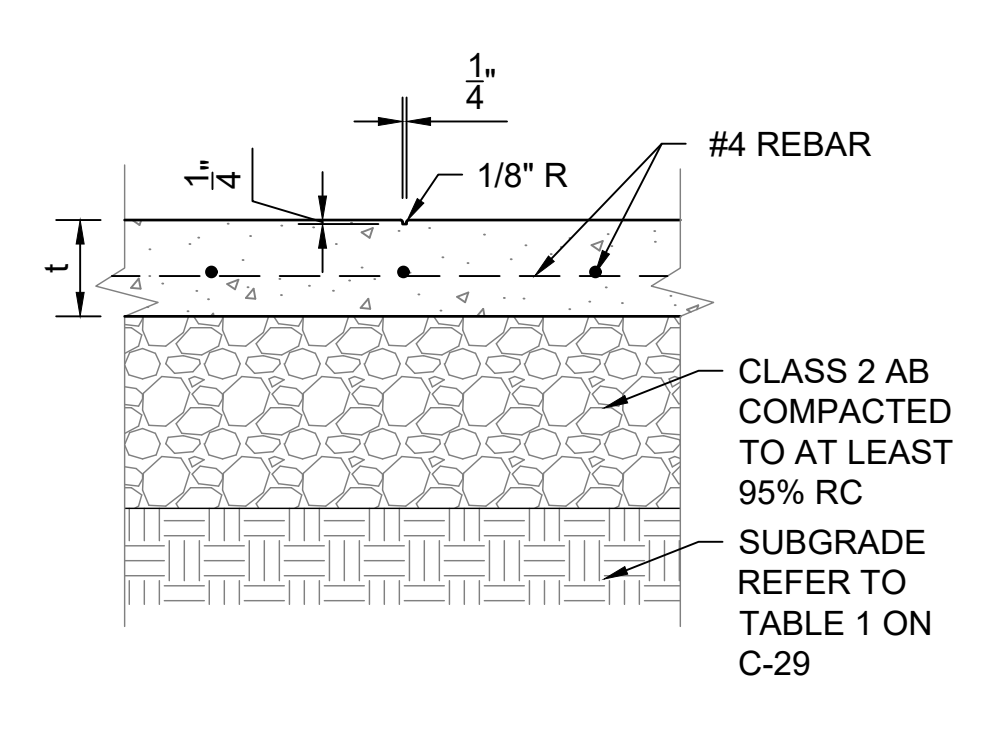
5 EXPANSION JOINT
SCALE@22X34 1" = 1'-0"



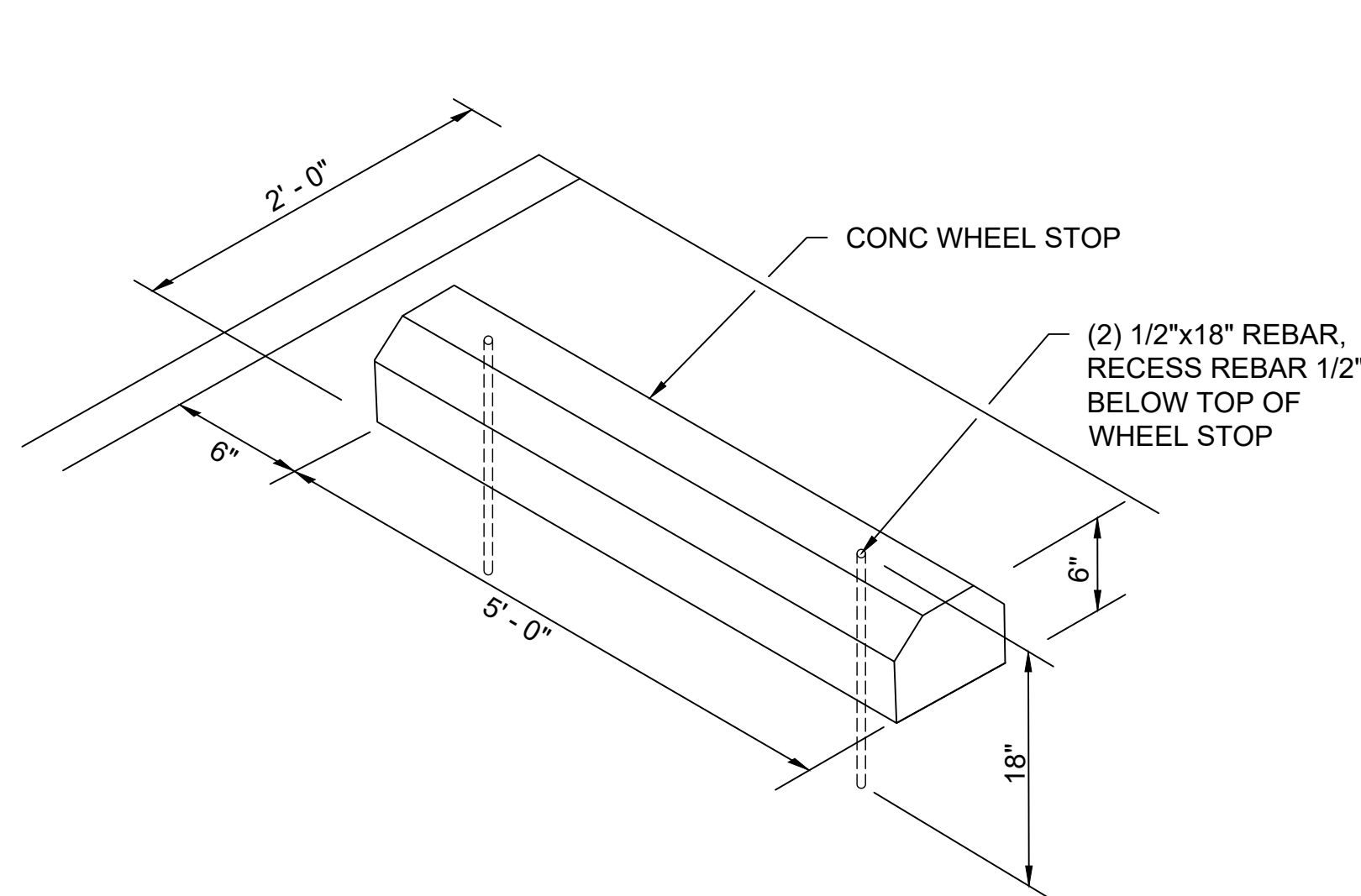
6 ISOLATION JOINT
SCALE@22X34 1" = 1'-0"



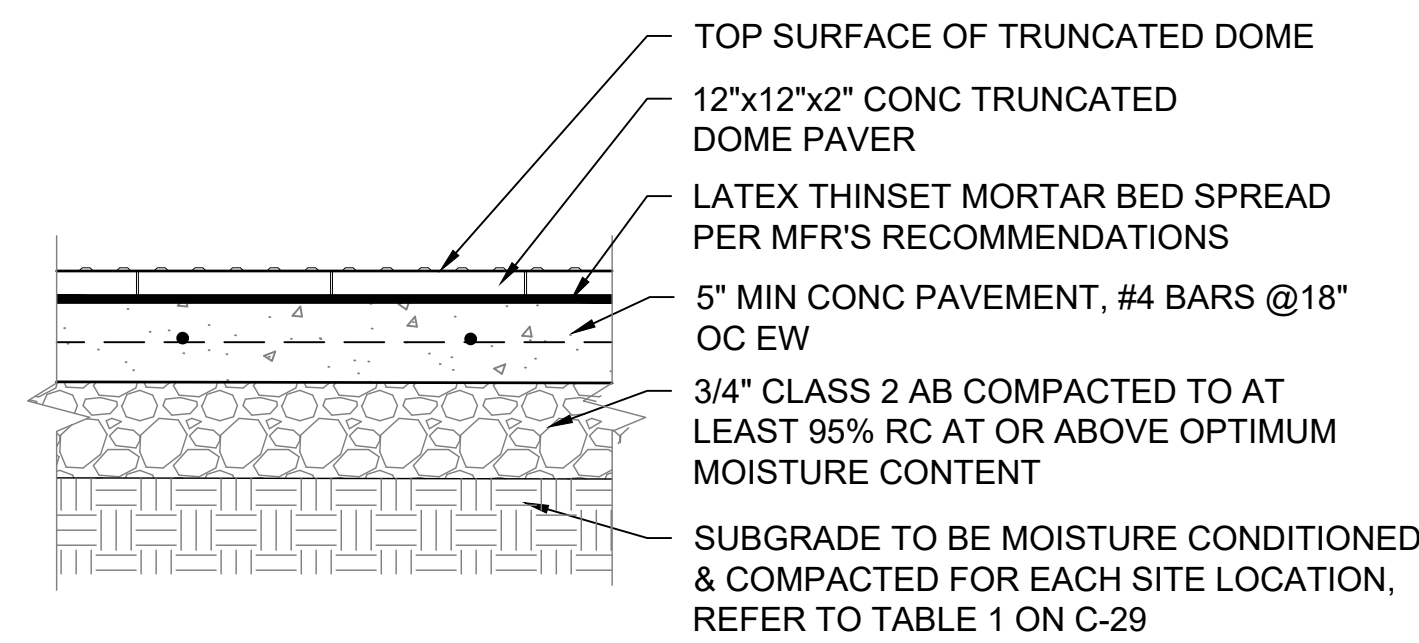
7 CONTRACTION JOINT
SCALE@22X34 1" = 1'-0"



8 SCORE JOINT
SCALE@22X34 1" = 1'-0"

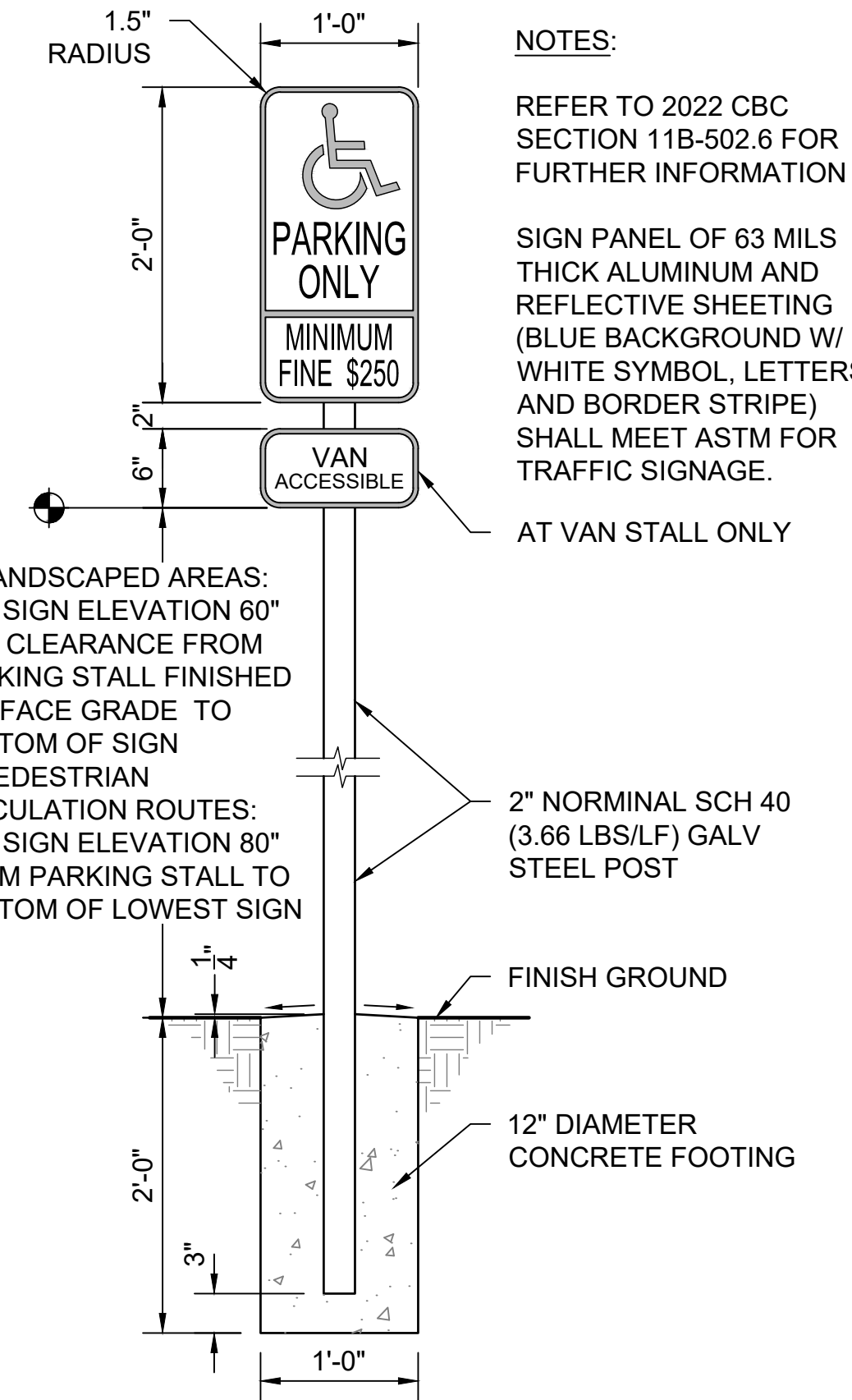


9 CONCRETE WHEEL STOP
SCALE@22X34 1" = 1'-0"



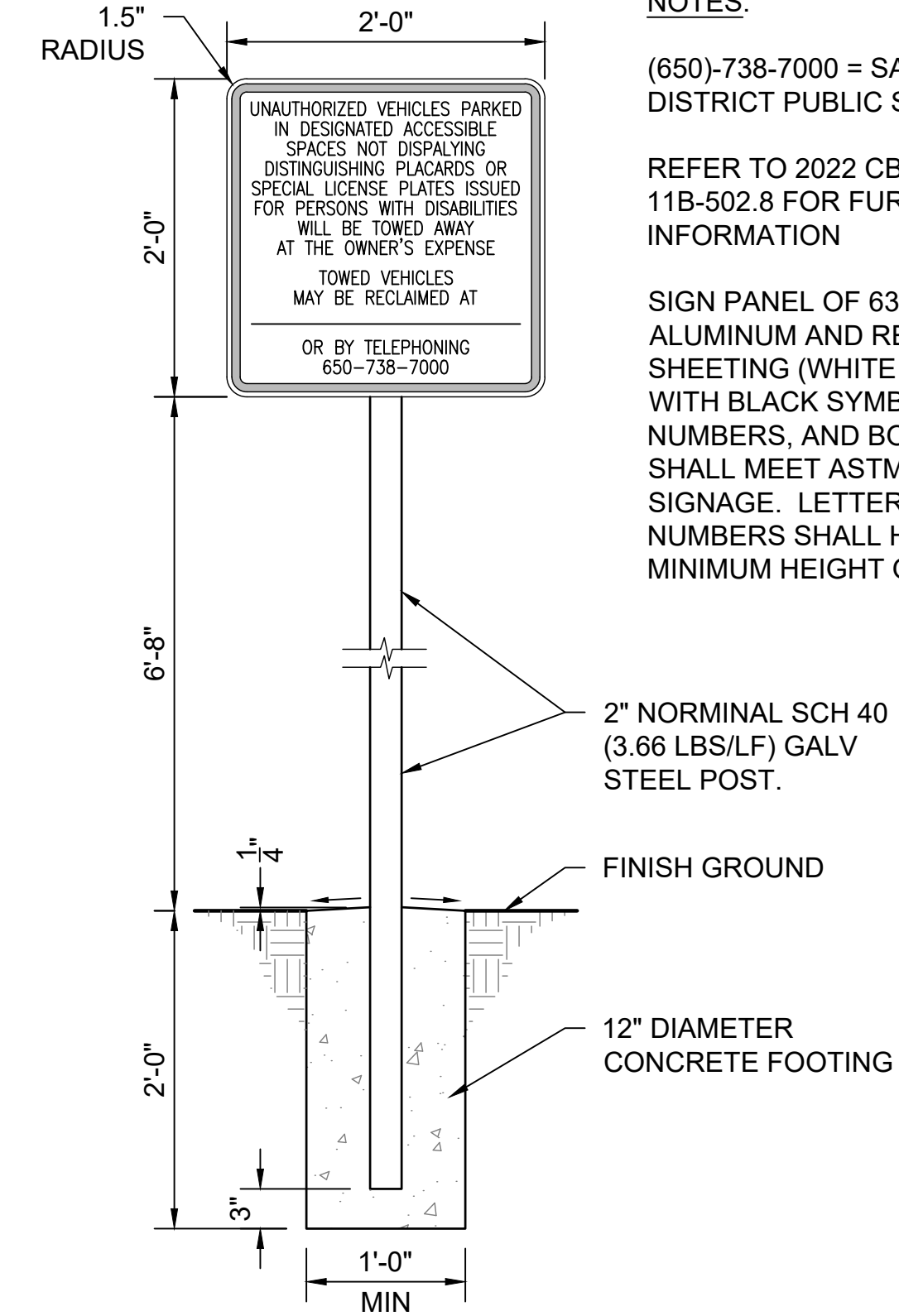
- NOTES:**
- CONC SLAB SHALL BE SLOPED TO PROVIDE COMPLETE SURFACE DRAINAGE.
 - SEE SPECIFICATION FOR CONC PAVING FINISH
 - SWEEP JOINTS WITH SAND OR GROUT
 - TRUNCATED DOME PAVER TO BE WAUSAU DOME TILE/ADA-50 OR EQUAL.
 - TRUNCATED DOME PAVER SHALL MEET FLUSH W/ ADJACENT FINISH SURFACE.
 - TRUNCATED DOME PAVER SHALL COMPLY W/ CBC 2022 SECTION 11B-705.1 THROUGH 705.1.1.3.2

10 TRUNCATED DOME PAVER
SCALE@22X34 1" = 1'-0"



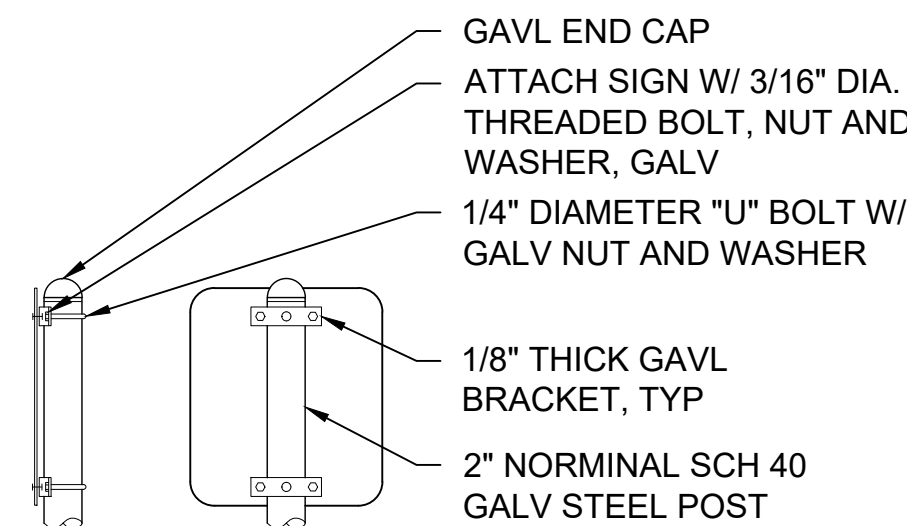
- NOTES:**
- REFER TO 2022 CBC SECTION 11B-502.6 FOR FURTHER INFORMATION
 - SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (BLUE BACKGROUND W/ WHITE SYMBOL, LETTERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE.
 - AT VAN STALL ONLY

2 ACCESSIBLE PARKING SIGN
SCALE@22X34 1" = 1'-0"



- NOTES:**
- (650)-738-7000 = SAN MATEO DISTRICT PUBLIC SAFETY OFFICE
 - REFER TO 2022 CBC SECTION 11B-502.8 FOR FURTHER INFORMATION
 - SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (WHITE BACKGROUND WITH BLACK SYMBOL, LETTERS, NUMBERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE. LETTERS AND NUMBERS SHALL HAVE A MINIMUM HEIGHT OF 1".

3 TOW-AWAY SIGN
SCALE@22X34 1" = 1'-0"



SIDE VIEW BACK VIEW

11 SIGN INSTALLATION
SCALE@22X34 1" = 1'-0"



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by Date
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DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
ACCESSIBLE PARKING & CONCRETE JOINT DETAILS

206279.031

SHEET NO.

C-28

031 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
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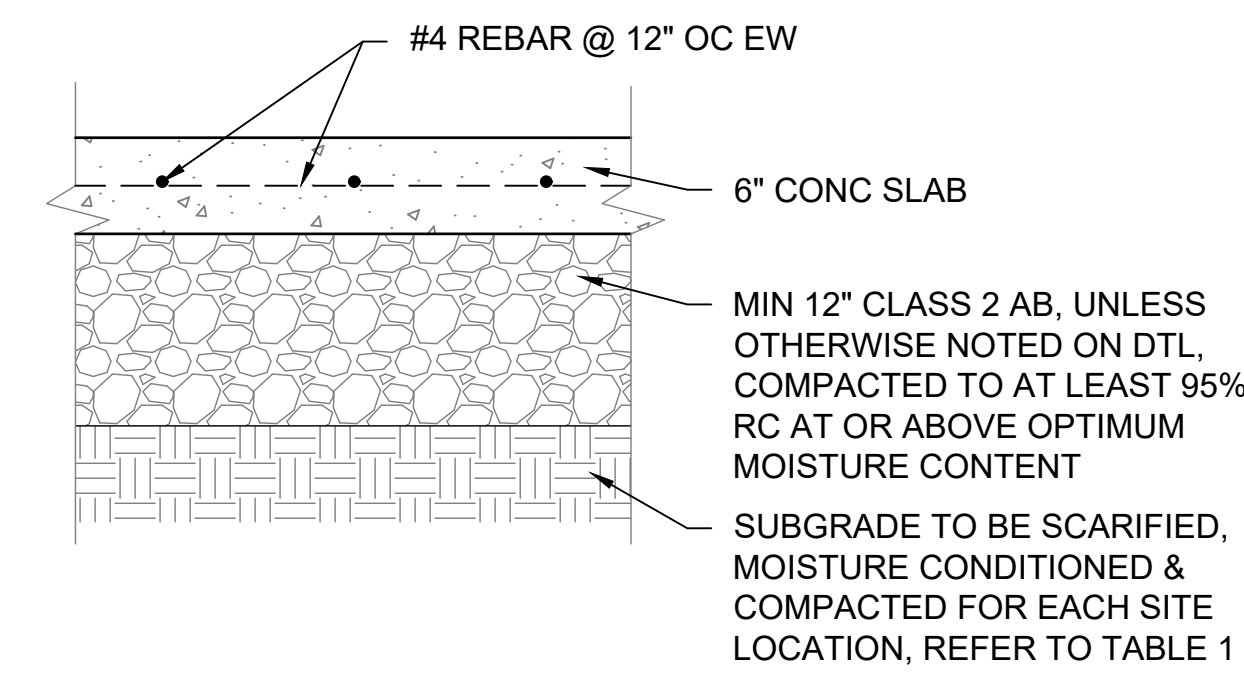
DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

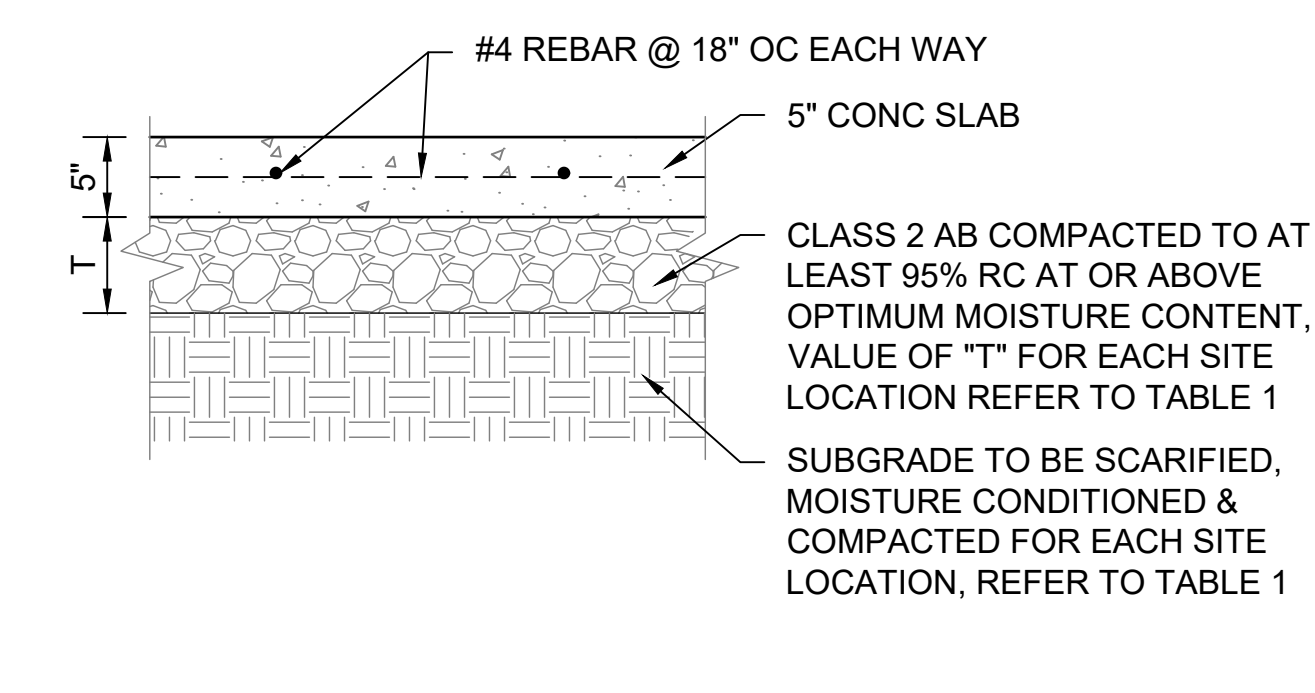
POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
SITE PAVING DETAILS

206279.032

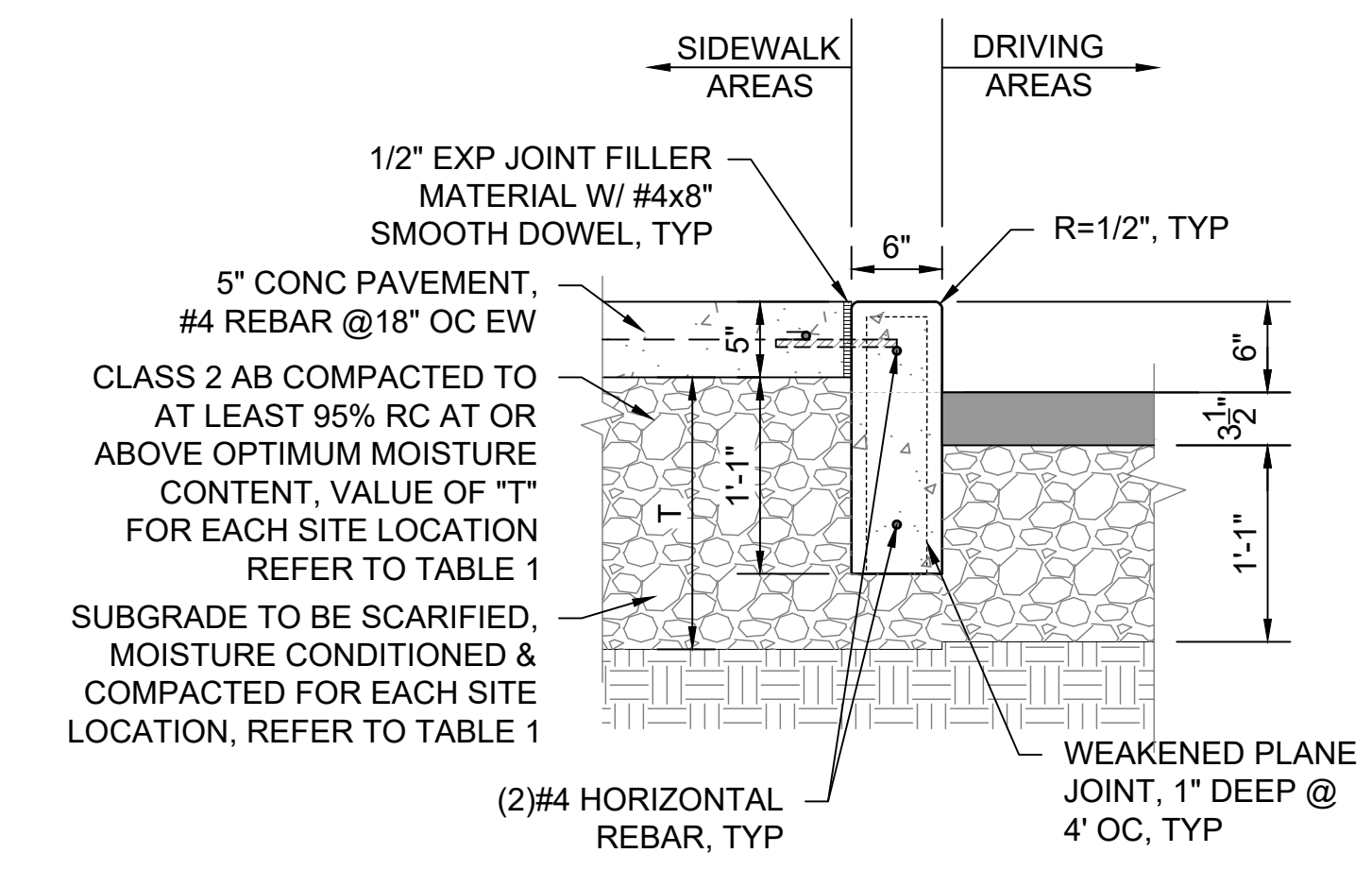
SHEET NO.
C-29
032 OF 038



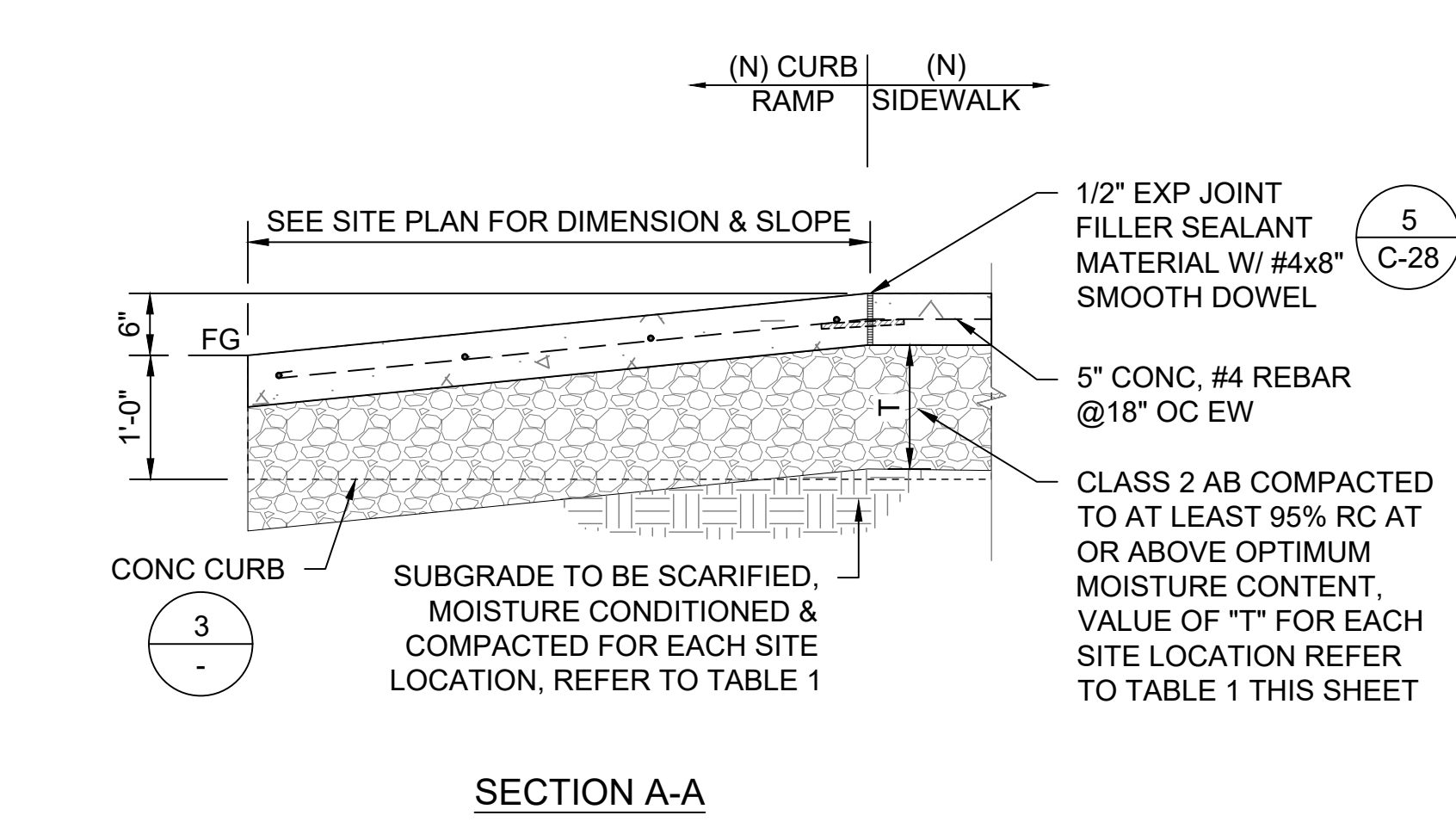
1 CONCRETE PARKING & DRIVING SLAB
SCALE@22X34 1" = 1'-0"



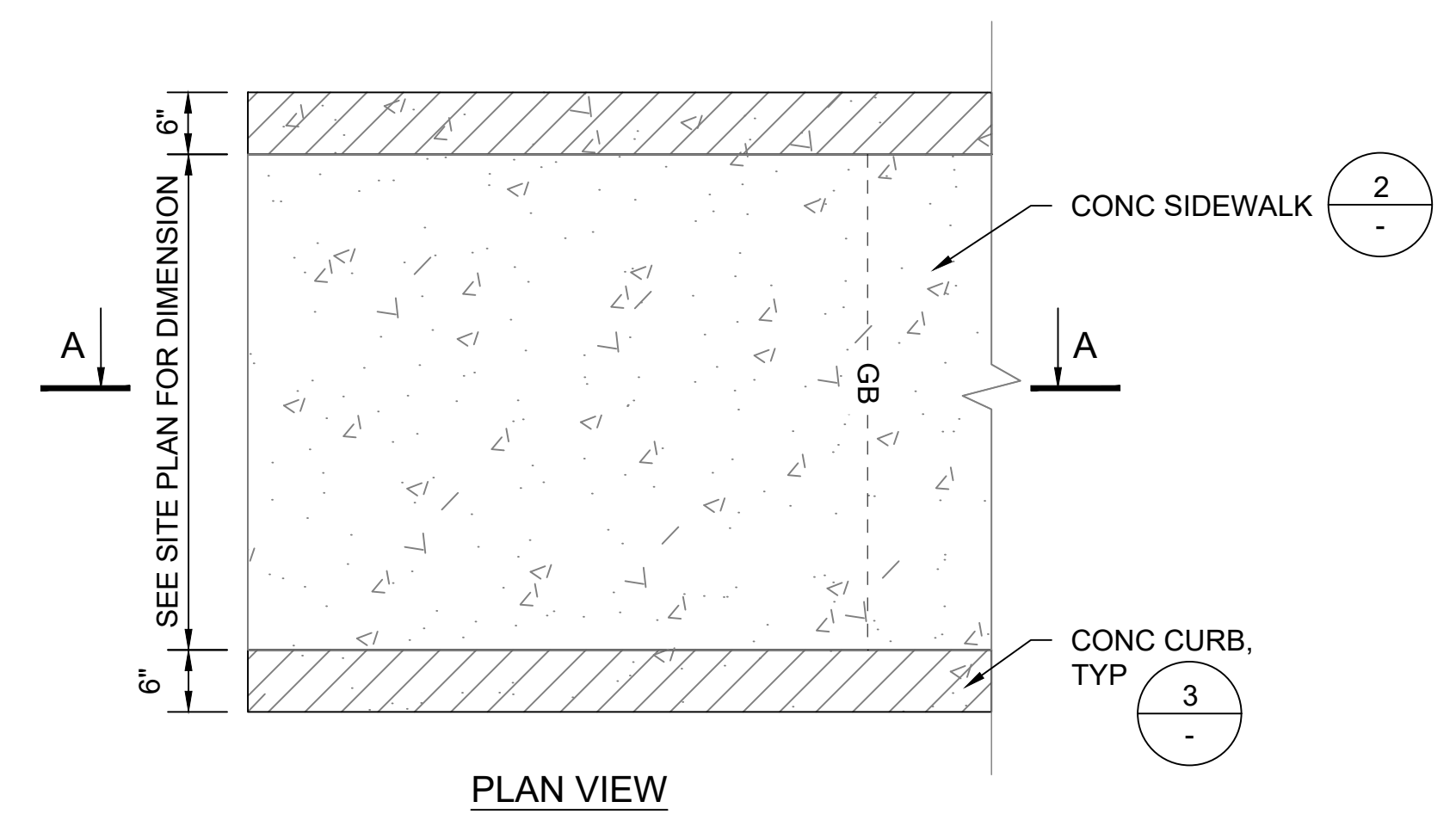
2 CONCRETE SIDEWALK & PICNIC PAD
SCALE@22X34 1" = 1'-0"



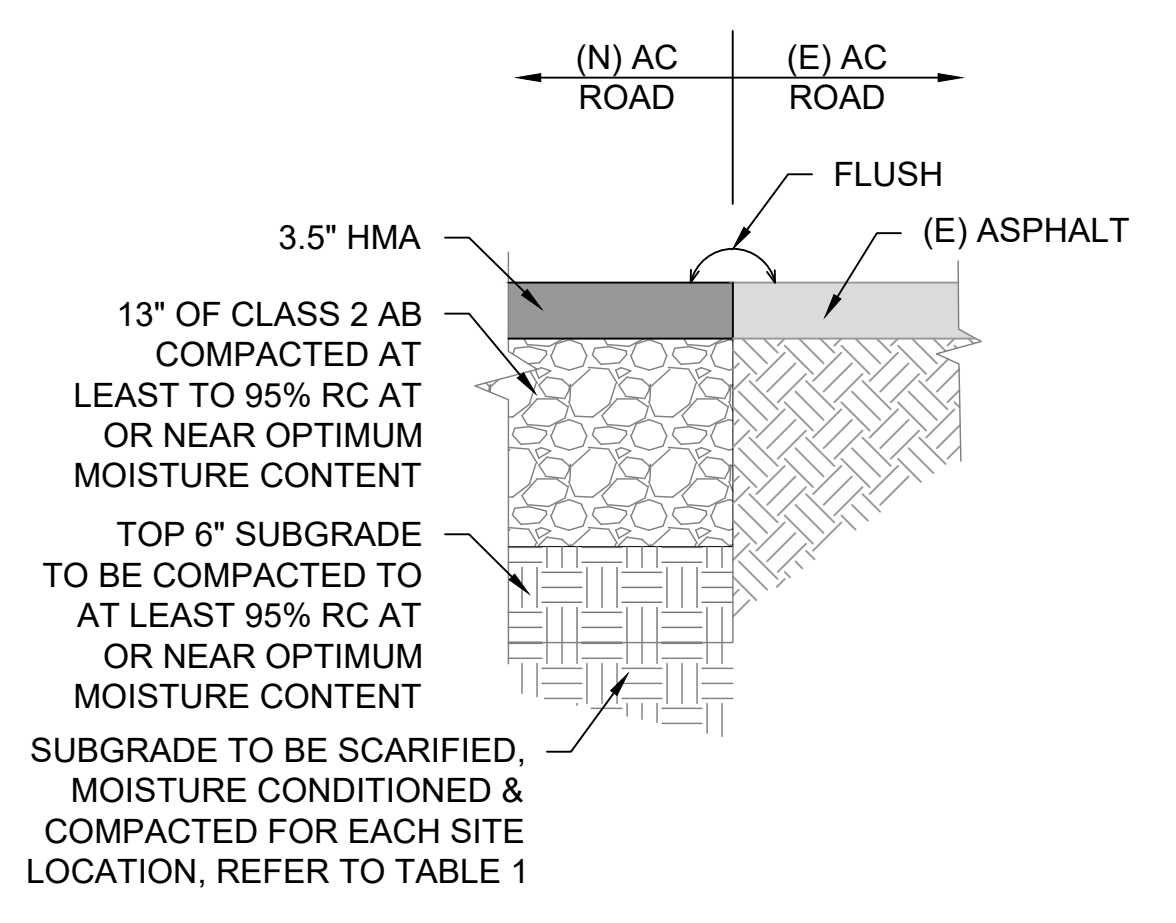
3 CONCRETE CURB
SCALE@22X34 1" = 1'-0"



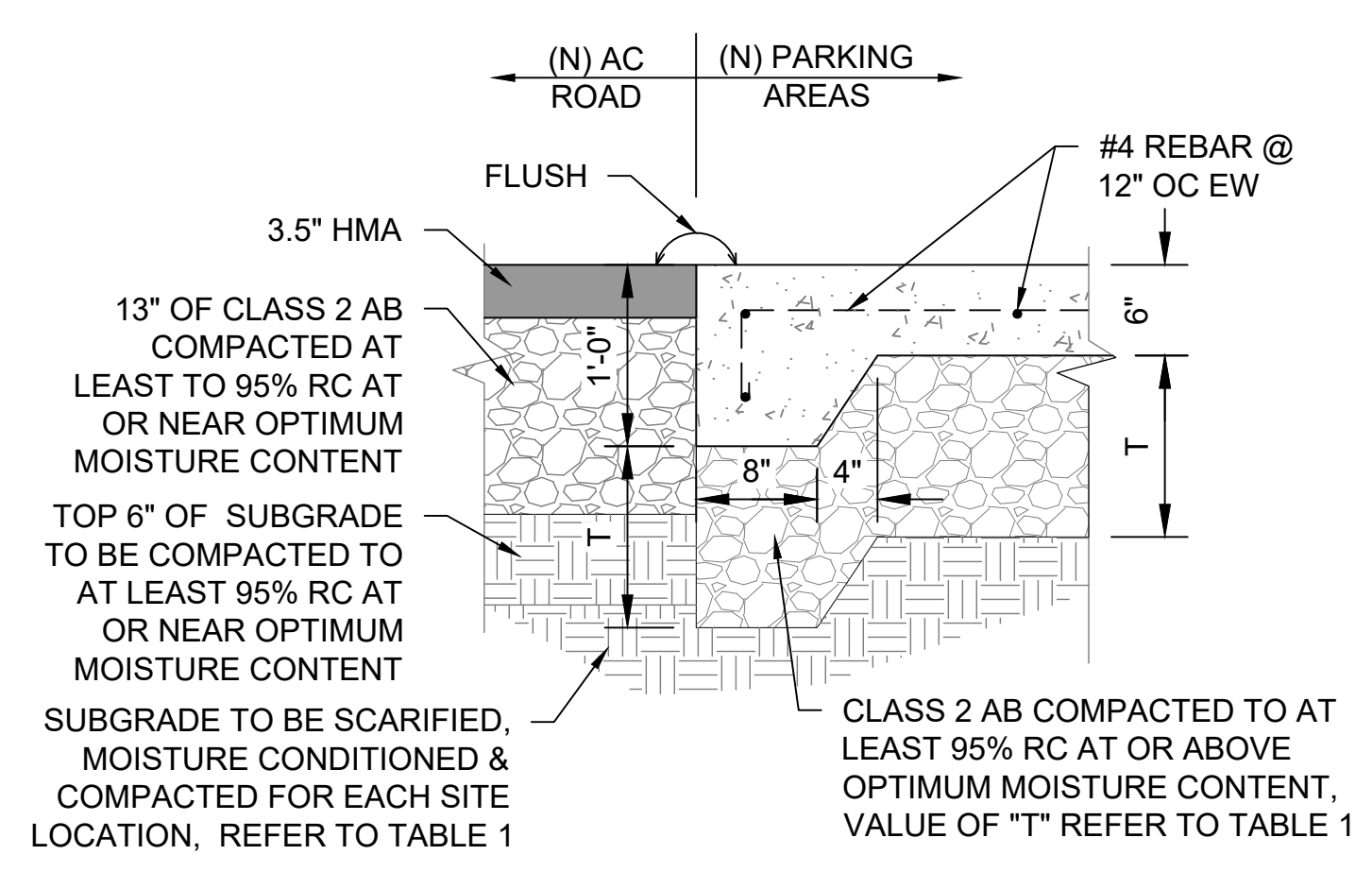
SECTION A-A



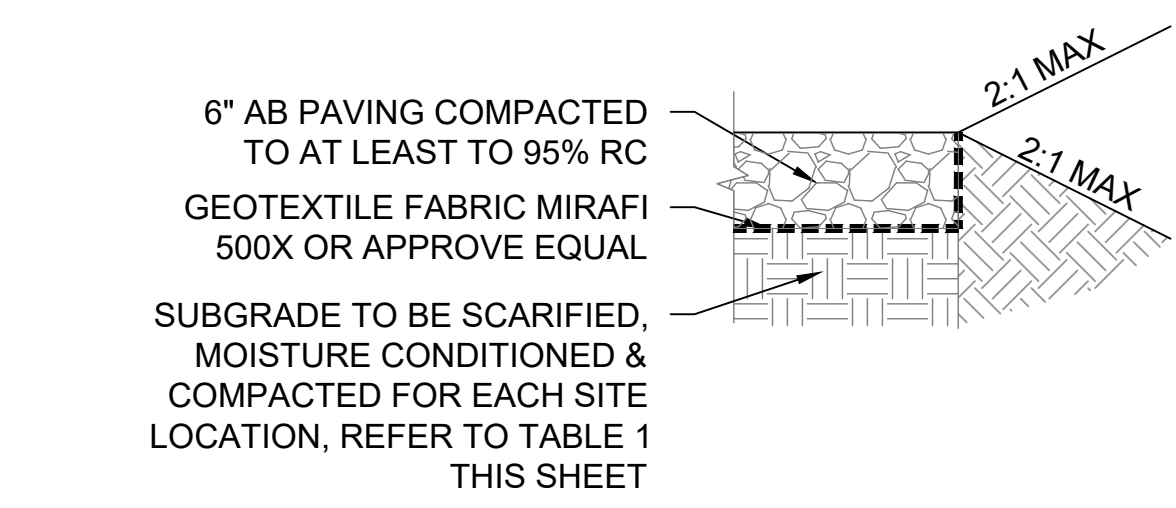
PLAN VIEW



4 (N) AC TO (E) AC PAVING
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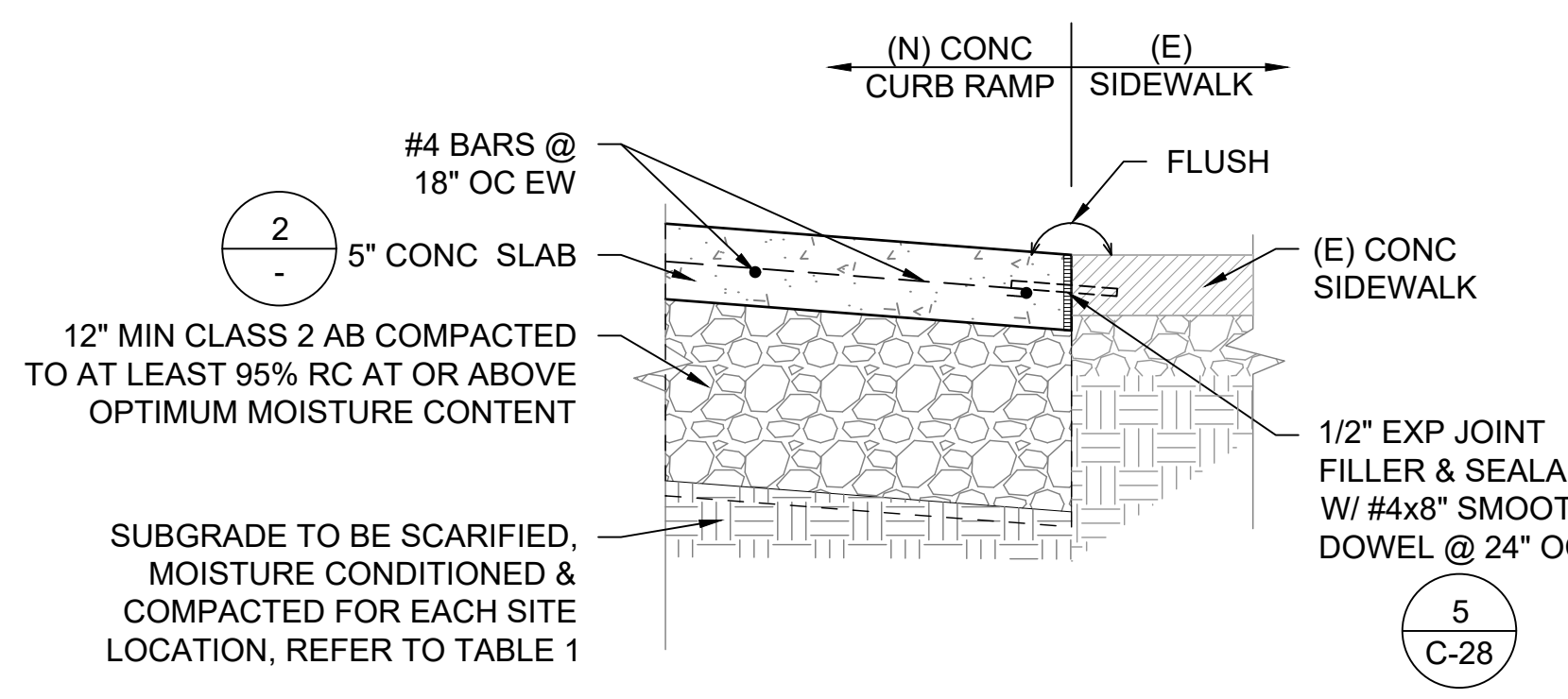


5 (N) CONC PARKING TO (N) AC PAVING
SCALE@22X34 1" = 1'-0"

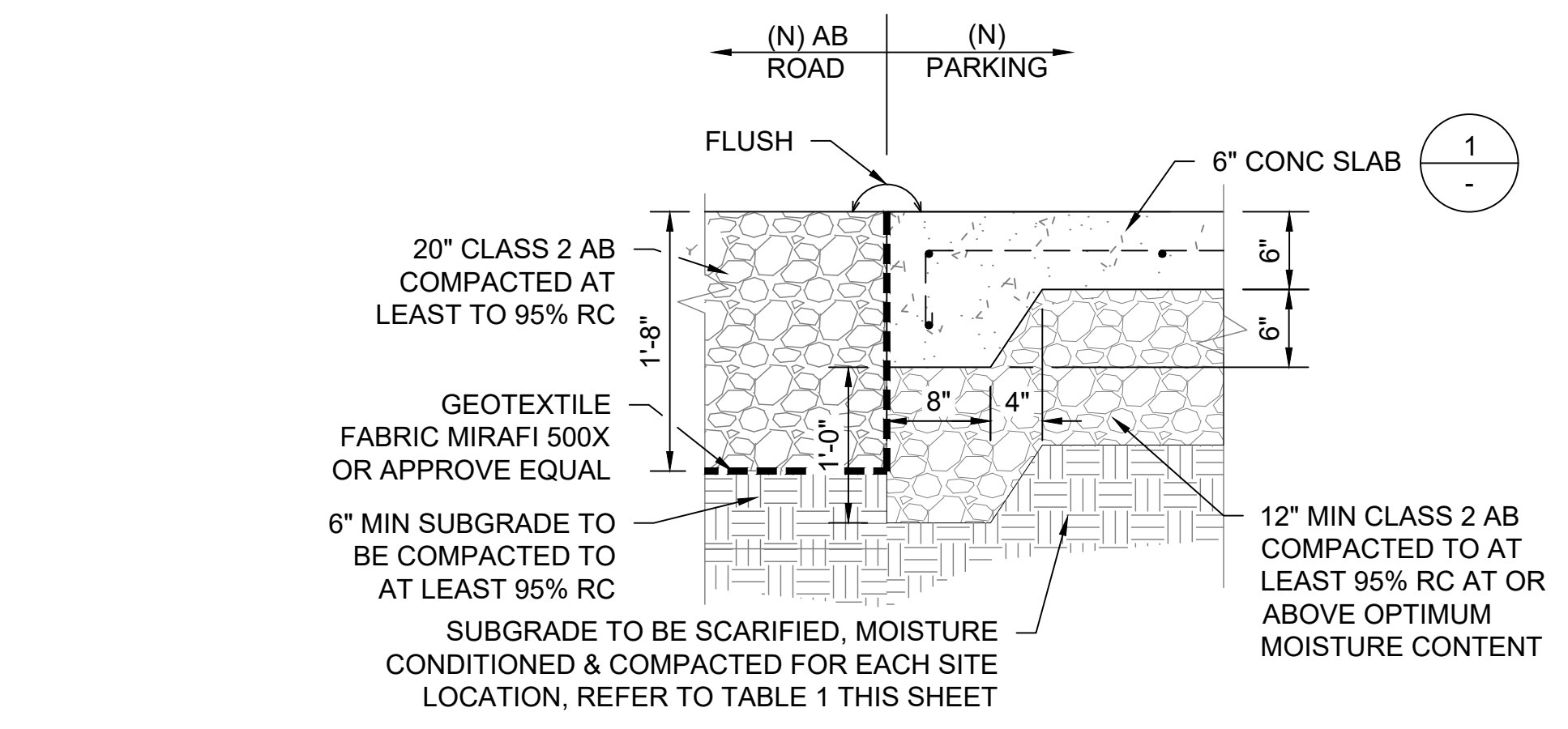


6 AGGREGATE PAVING PATH @ PICNIC AREA
SCALE@22X34 1" = 1'-0"

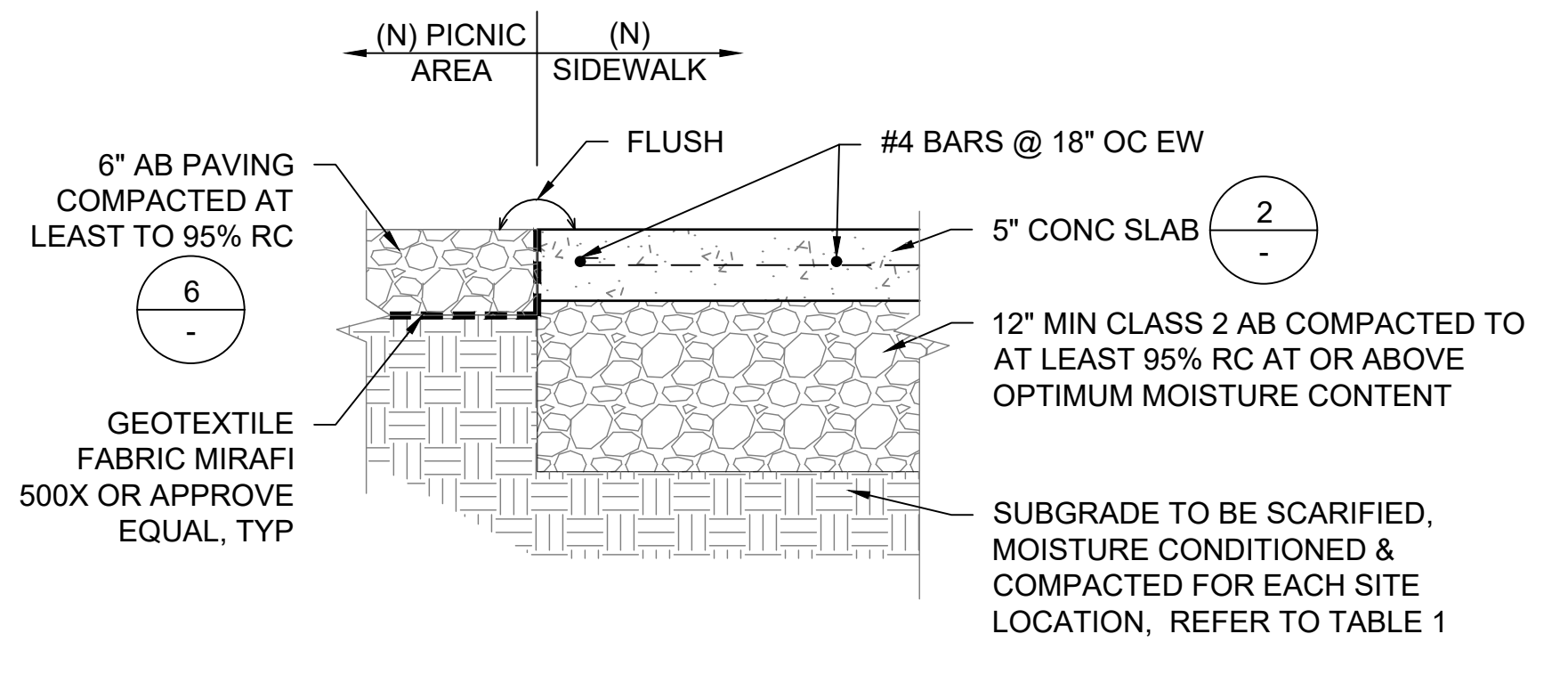
7 CONCRETE CURB RAMP TYPICAL
SCALE@22X34 3/4" = 1'-0"



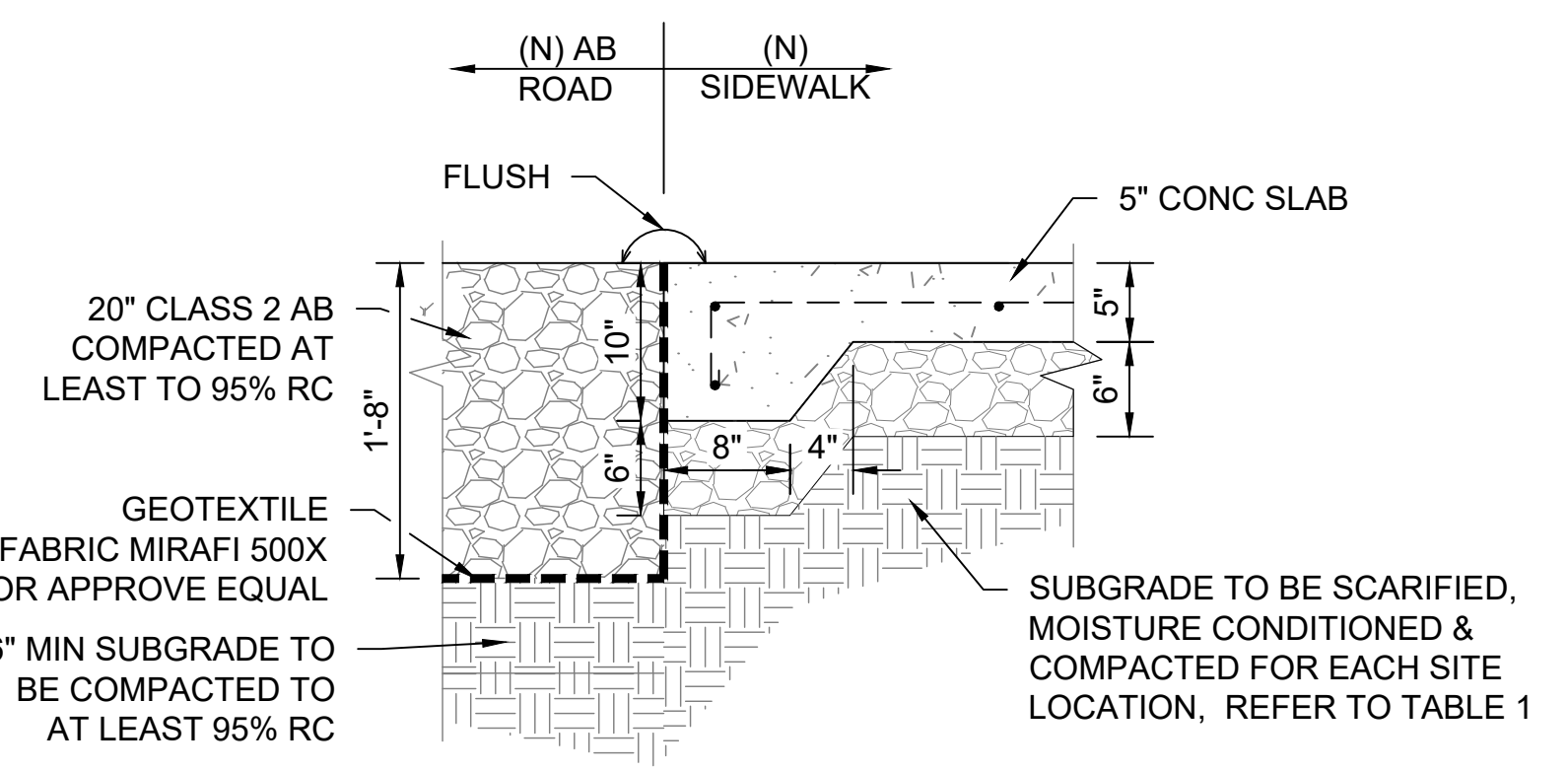
8 (N) CONC SIDEWALK TO (E) CONC PAVING
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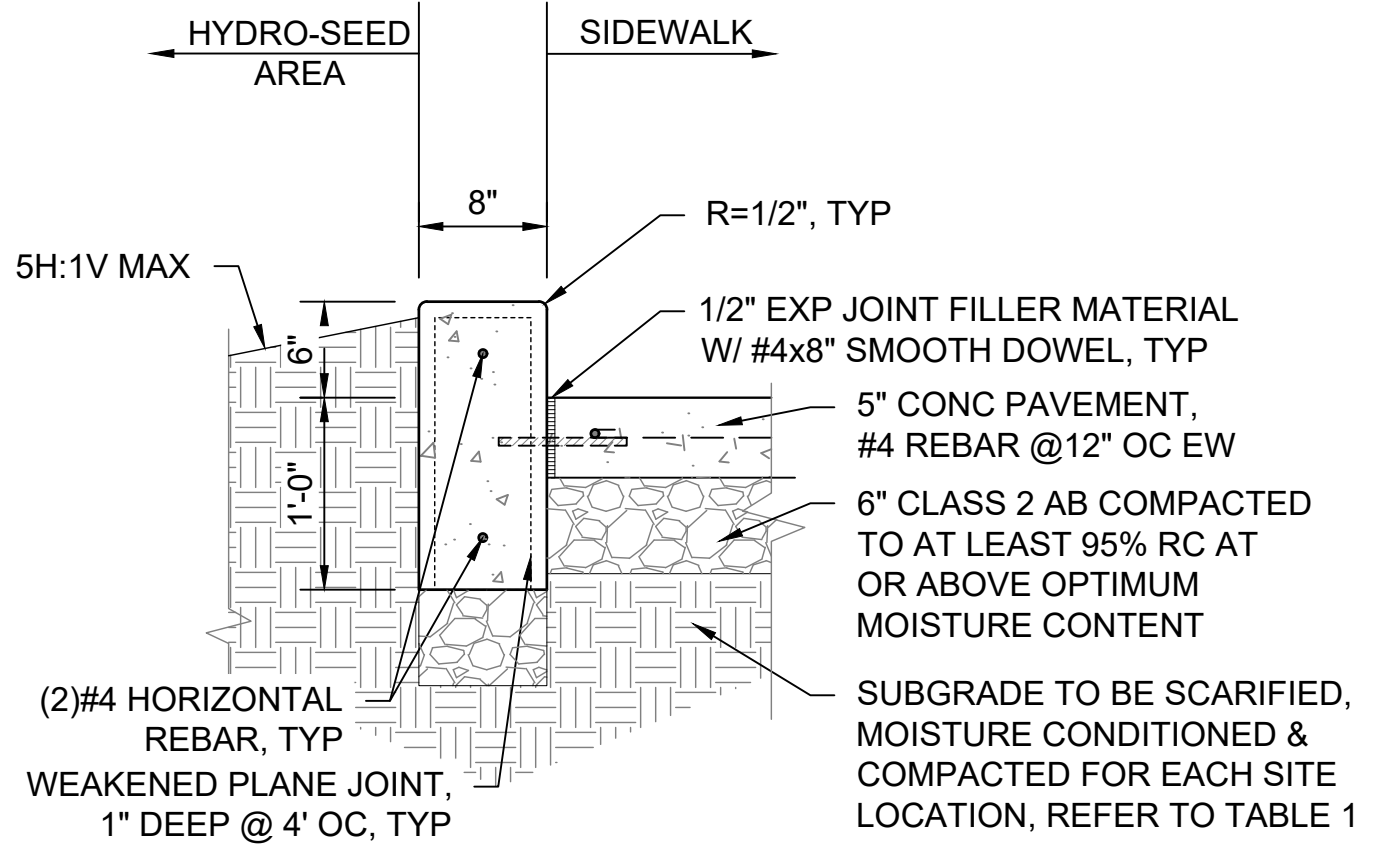
9 (N) CONC PARKING TO (N) AB PAVING
SCALE@22X34 1" = 1'-0"



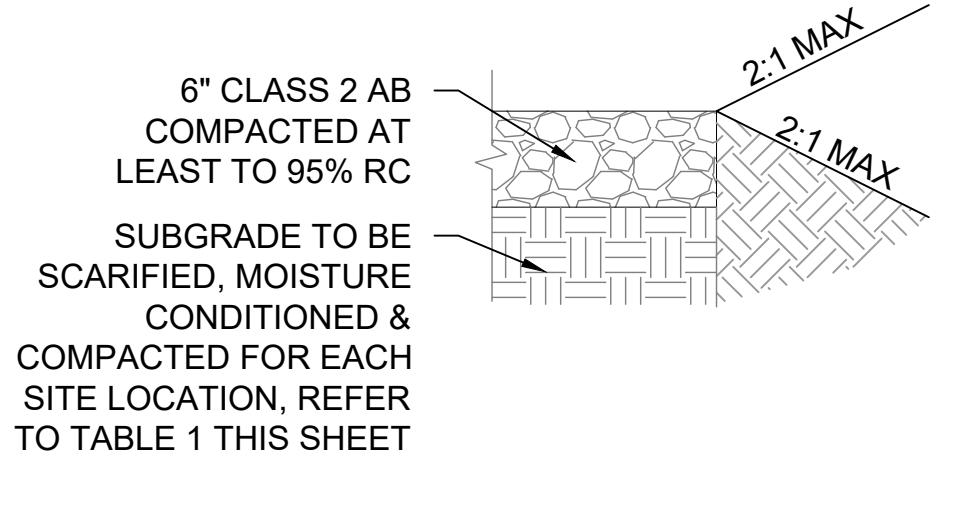
10 (N) CONC SIDEWALK TO (N) AB PAVING PATH
SCALE@22X34 1" = 1'-0"



11 (N) CONC SIDEWALK TO (N) AB ROAD
SCALE@22X34 1" = 1'-0"



12 CONC CURB TYPE 2
SCALE@22X34 1" = 1'-0"



13 AGGREGATE BASE
SCALE@22X34 1" = 1'-0"

TABLE 1		
PARK NAME	T	SUBGRADE
PESCADERO SB - CENTRAL BEAN HOLLOW SB	6" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT OR ABOVE OPTIMUM CONTENT AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION
BURLEIGH H. MURRAY RANCH PESCADERO SB- NORTH ANO NUEVO GAZOS SP	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 2% ABOVE OPTIMUM & COMPACTED TO AT LEAST 90% RC
COWELL RANCH SB POMPONIO SB	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 3% ABOVE OPTIMUM MOISTURE CONTENT & COMPACTED TO AT LEAST 87% BUT NOT EXCEEDING 92% RELATIVE COMPACTION
SAN GREGORIO SB	18" MIN.	

NOTES:
- "T" = THICKNESS OF CLASS 2 AGGREGATE BASE
- INFORMATION FROM GEOCON GEOTECHNICAL REPORT SECTION 6.5.6 DATED JULY 7, 2022 & REVISED JANUARY 5, 2023

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FACILITIES AND DEVELOPMENT DIVISION



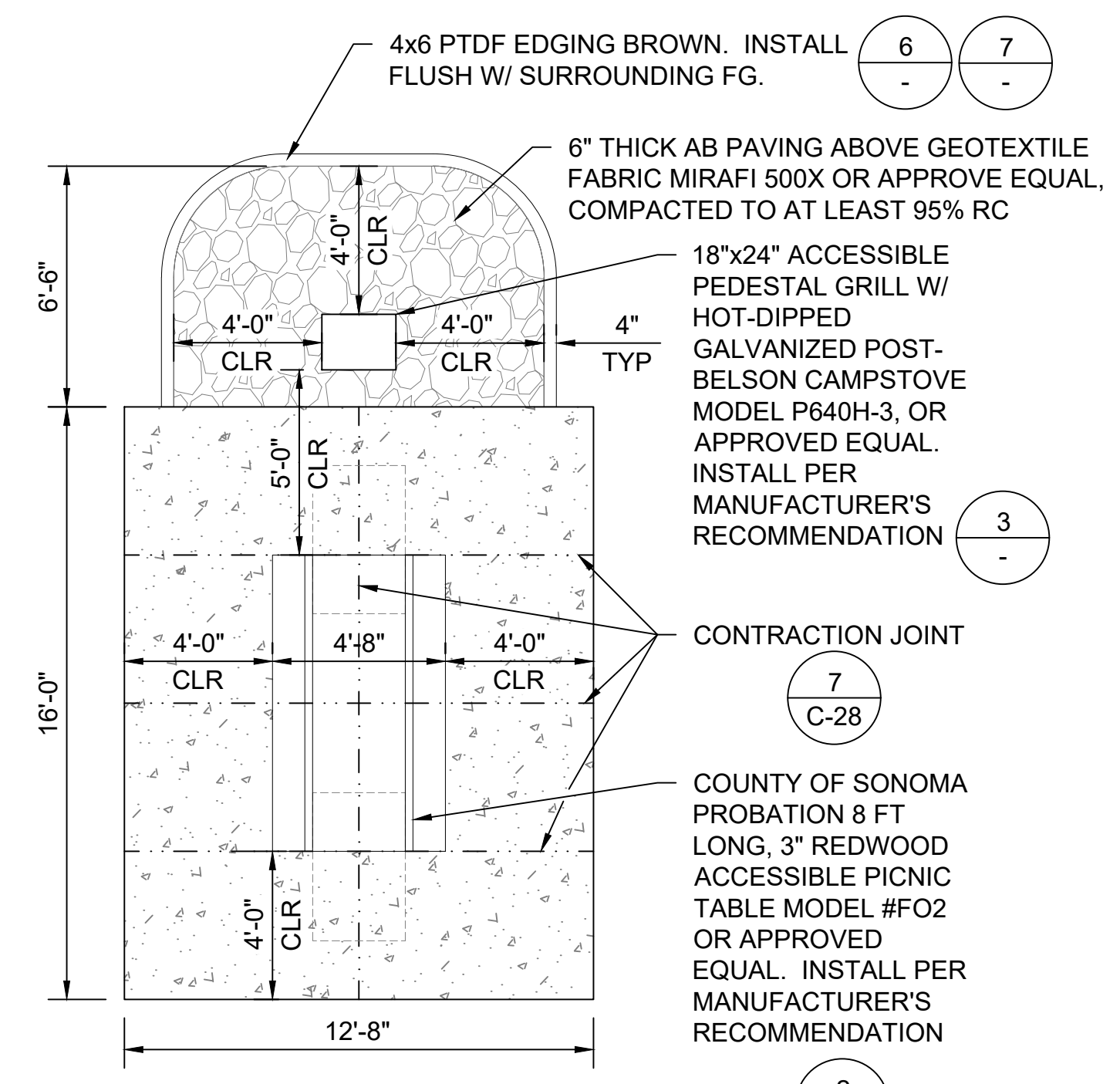
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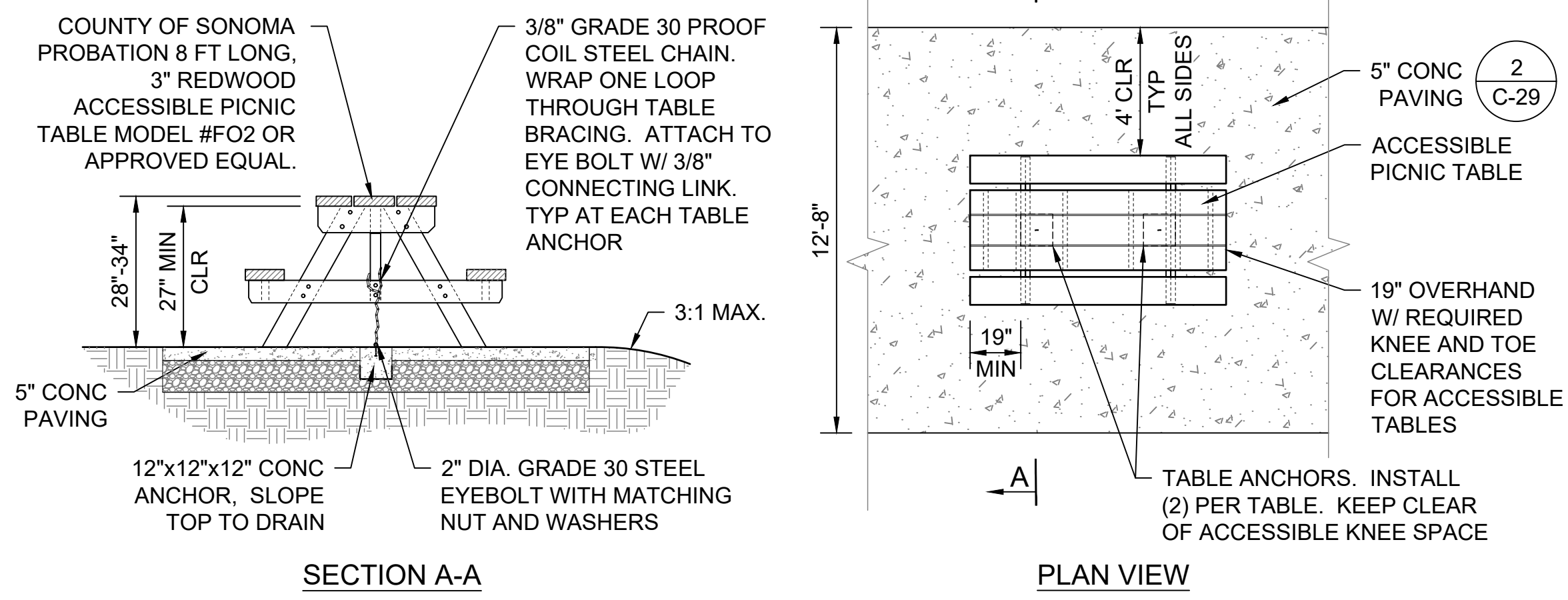
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POMPONIO STATE BEACH VAULT RESTROOM REPLACEMENT PICNIC SITE DETAILS

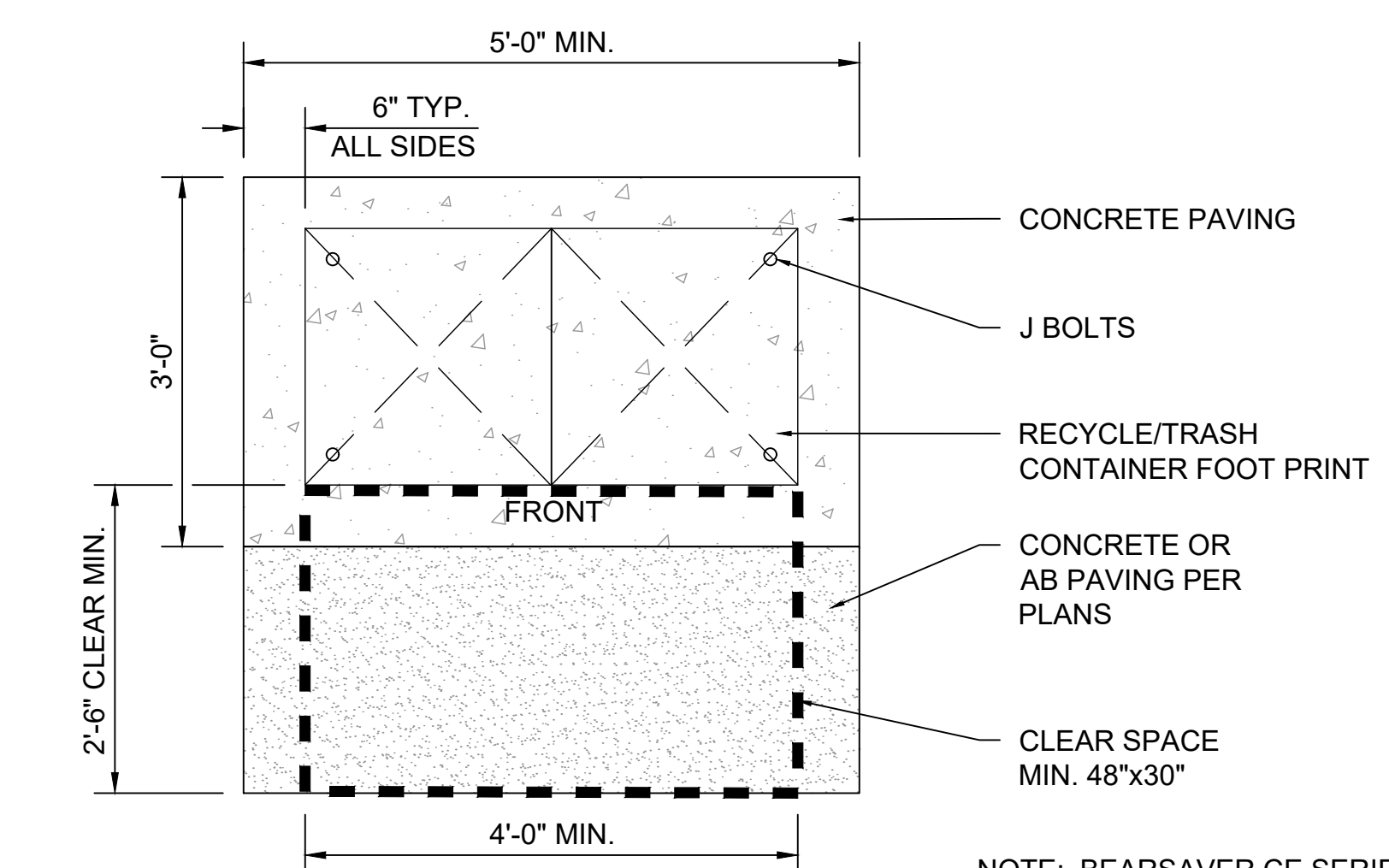
206279.033 SHEET NO. C-30 033 OF 038



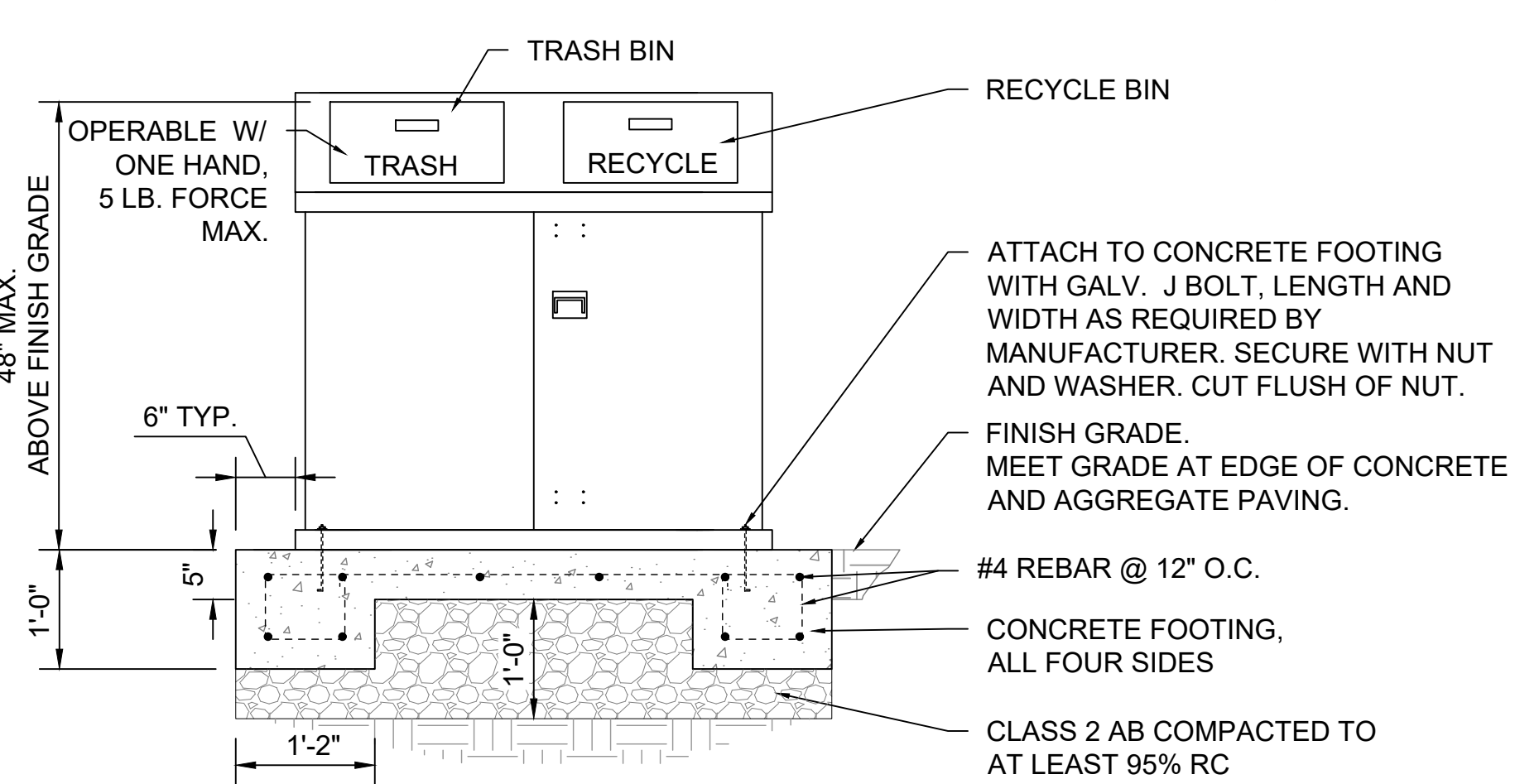
1 PICNIC SITE - TYPICAL SCALE@22X34 1/4" = 1'-0"



2 ACCESSIBLE PICNIC TABLE SCALE@22X34 NTS

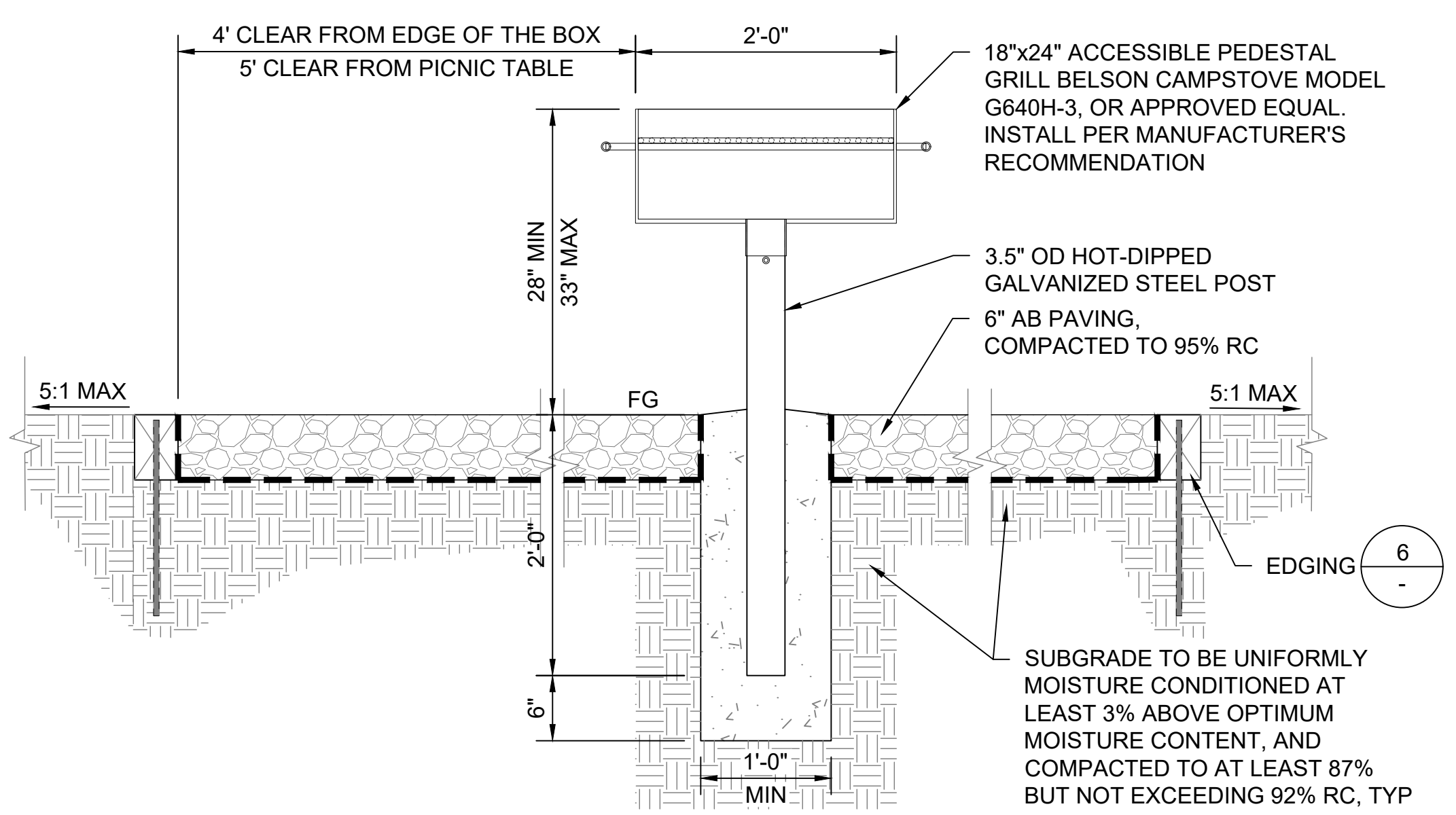


PLAN VIEW

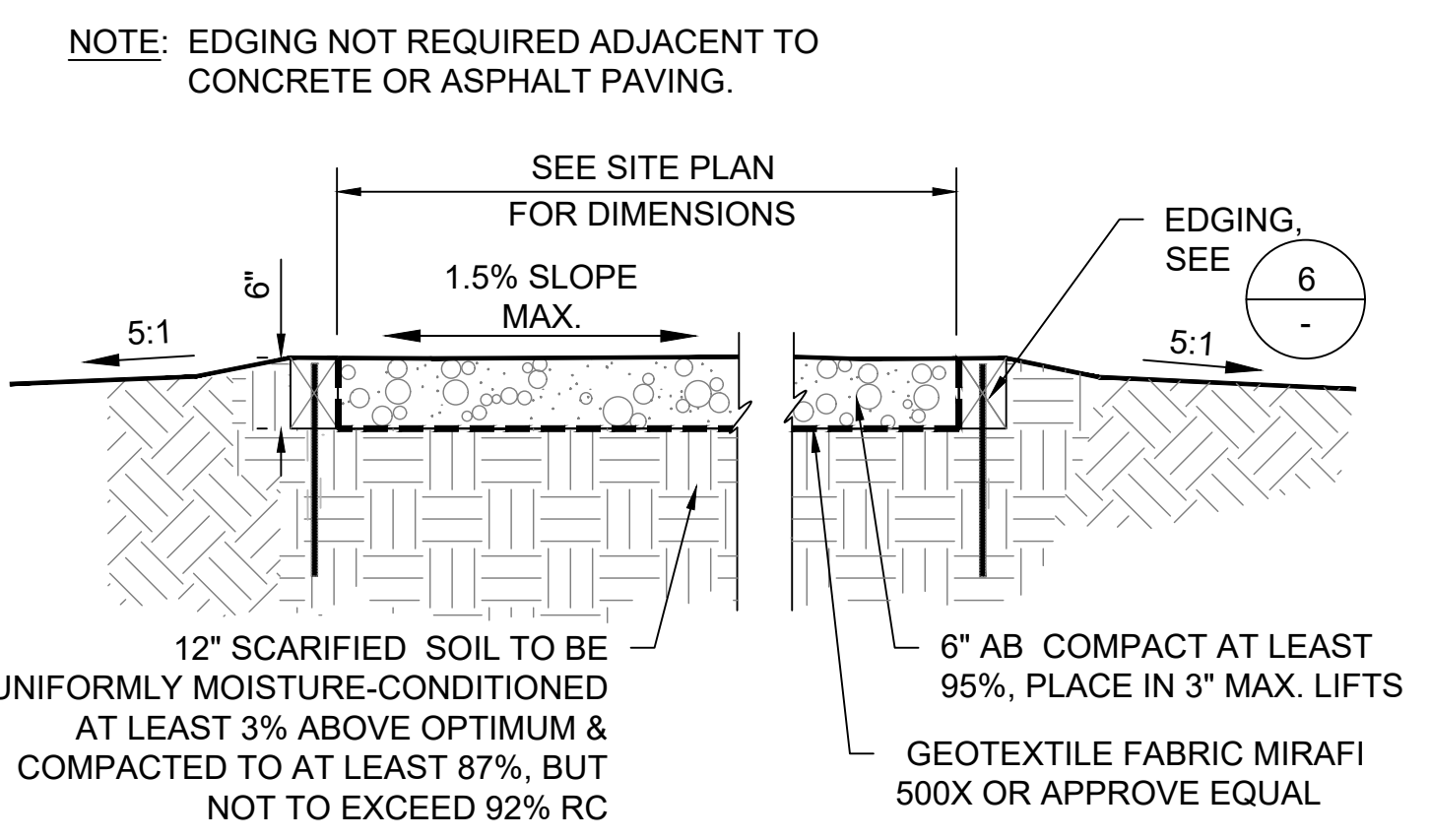


ELEVATION

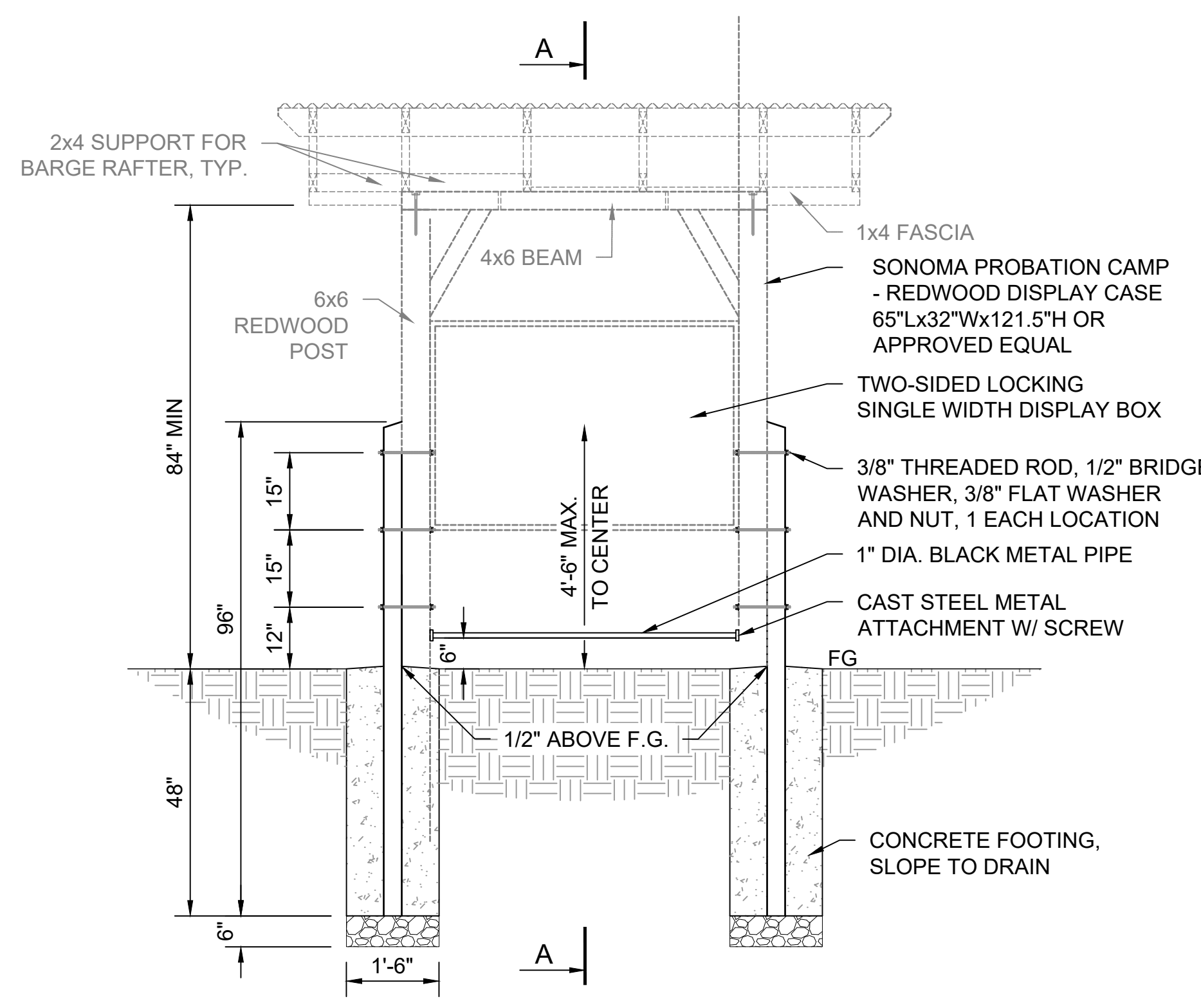
4 TRASH- RECYCLE CONTAINER SCALE@22X34 3/4" = 1'-0"



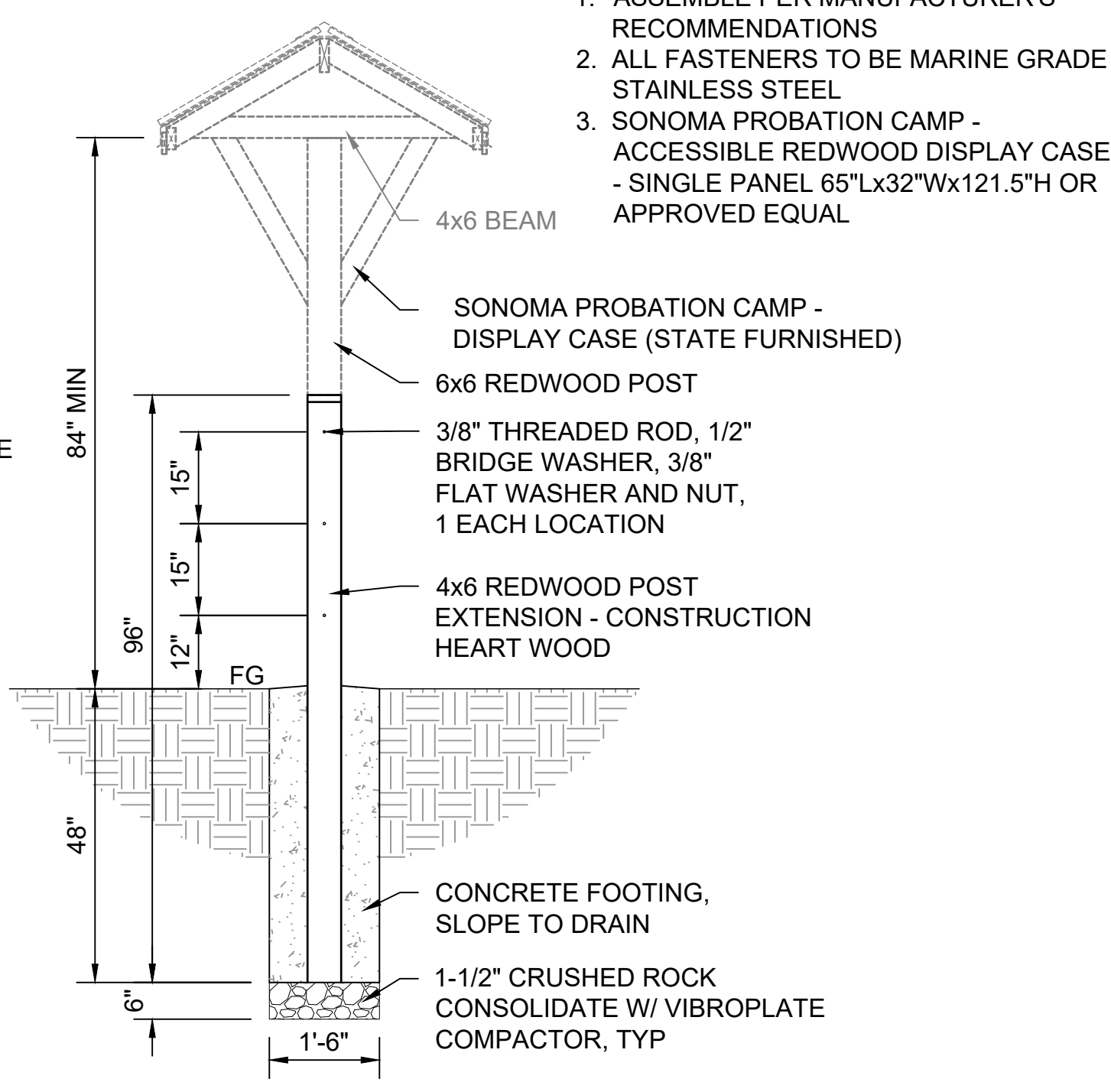
3 ACCESSIBLE SINGLE BBQ SCALE@22X34 1" = 1'-0"



5 AGGREGATE PAVING PATH SCALE@22X34 3/4" = 1'-0"

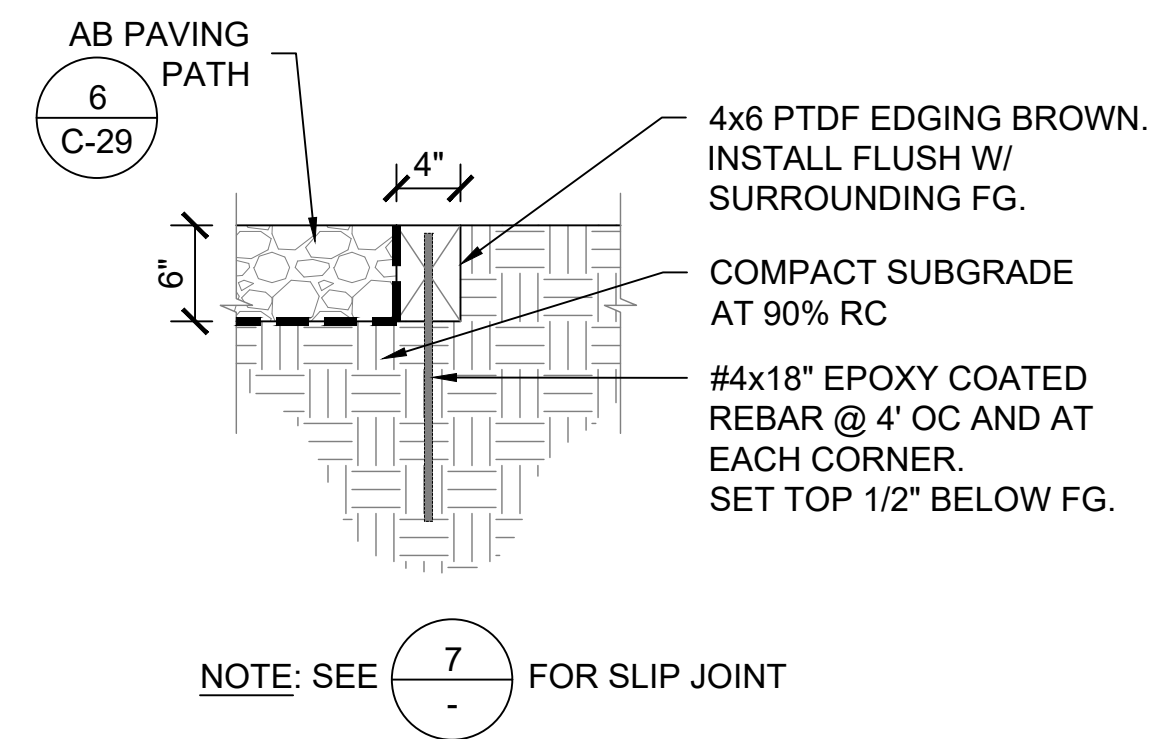


FRONT VIEW

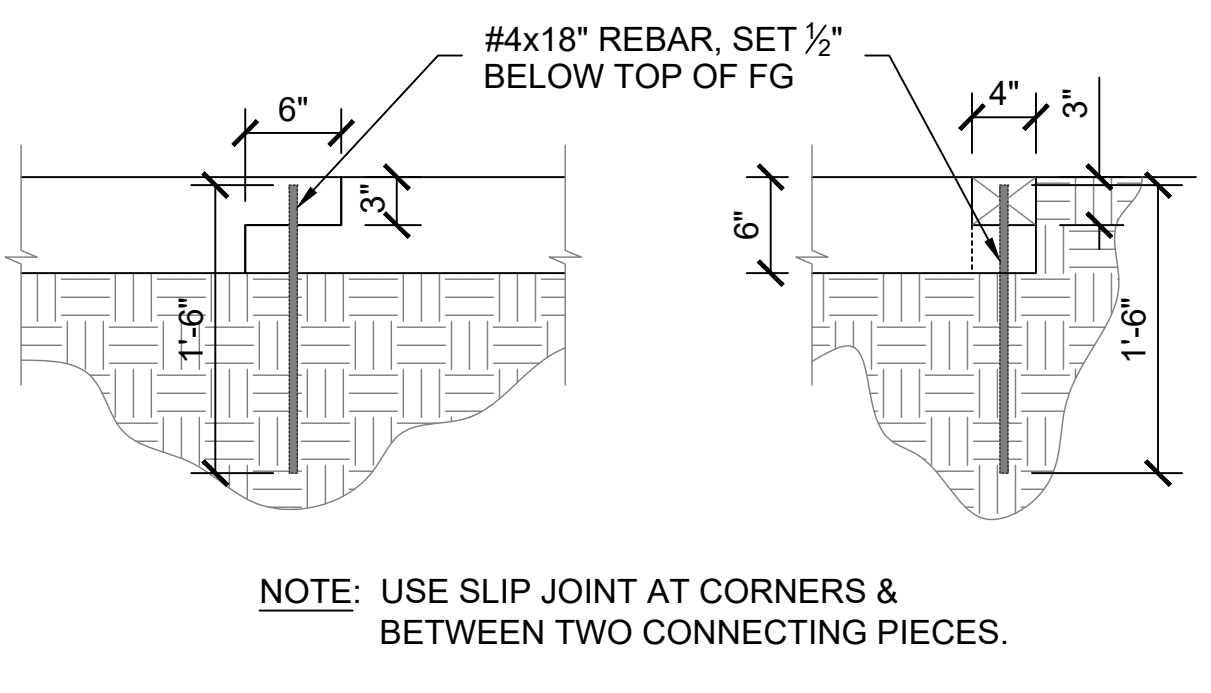


SECTION A-A

8 DISPLAY CASE INSTALLATION SCALE@22X34 1/2" = 1'-0"



6 EDGING SCALE@22X34 1" = 1'-0"



7 SLIP JOINT SCALE@22X34 1" = 1'-0"



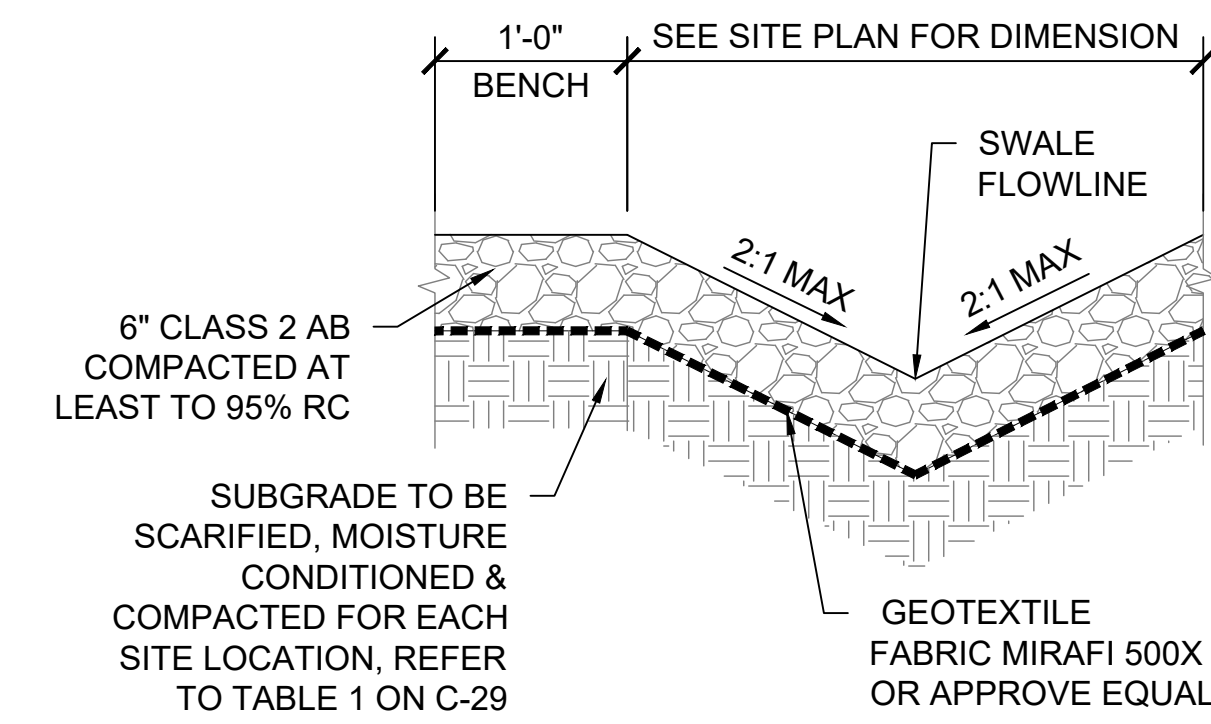
FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
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Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

△	REVISIONS	DATE



4 SWALE TYPICAL
SCALE@22X34 1" = 1'-0"

POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
SITE DETAILS

206279.034

SHEET NO.

C-31

034 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
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DESIGNED: TL
DRAWN: TL
CHECKED: MP
DATE: OCTOBER 2023

REVISIONS	DATE

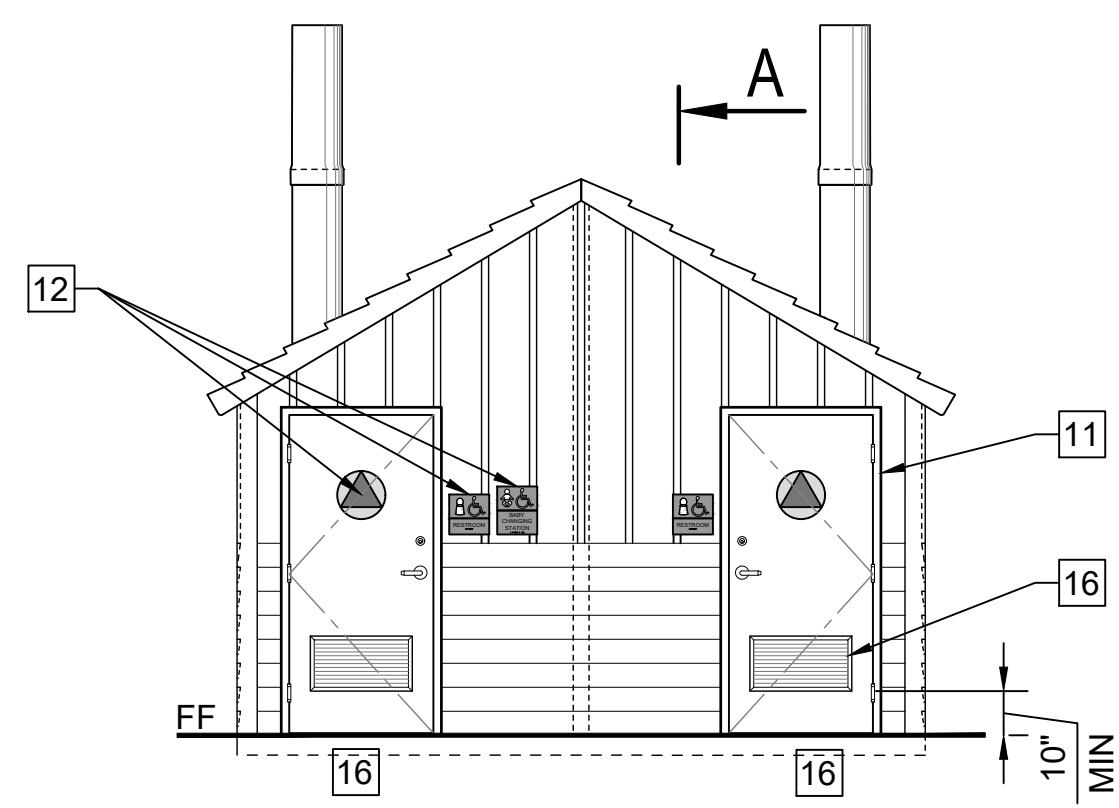
POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
PRECAST DOUBLE VAULT RESTROOM BUILDING

206279.037

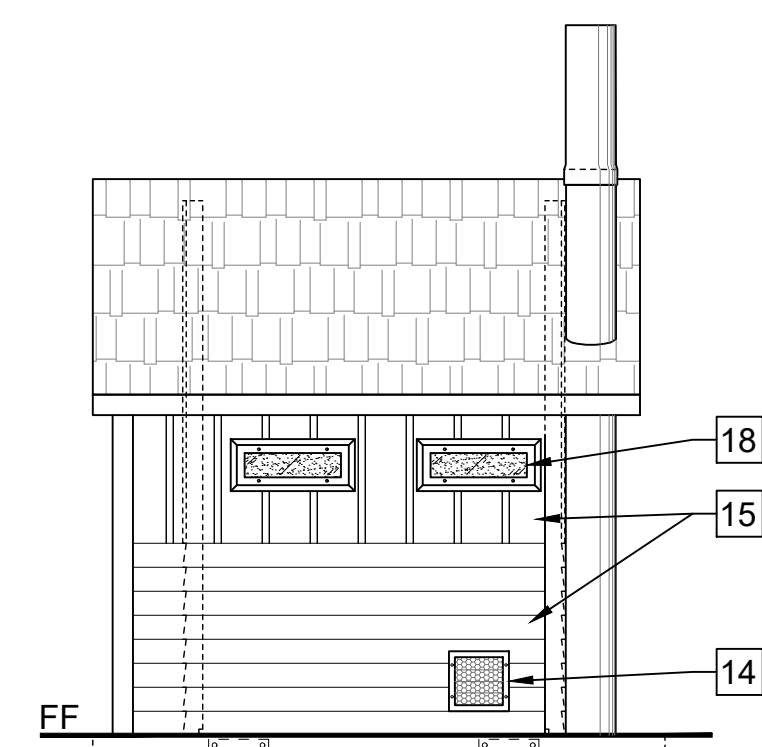
SHEET NO.
C-34
037 OF 038

KEYNOTES:

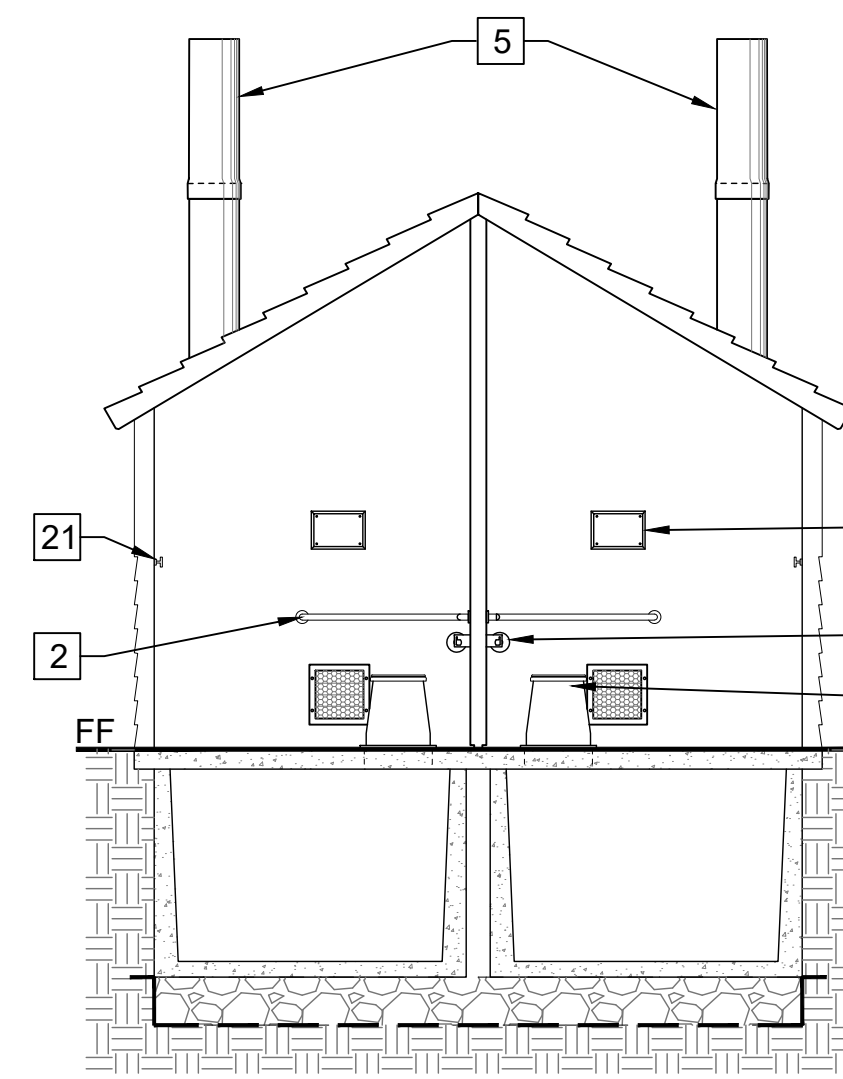
- 1 RISER
- 2 "L" SHAPED 1-1/2" SS GRAB BARS, 250LB POINT LOAD MIN. CAPACITY
- 3 SS TOILET PAPER DISPENSER, (3) ROLL BAR WITH LOCK
- 4 EDGE OF ROOF LINE ABOVE
- 5 VAULT VENTILATOR TUBE
- 6 VAULT ACCESS SCUTTLE DOOR
- 7 VAULT TANK BELOW GRADE
- 8 VAULT FOUNDATION: 12" MIN. THICK LEVELING COURSE OF 1-1/2" ANGULAR CRUSHED ROCK CONSOLIDATE W/ VIBROPLATE COMPACTOR ABOVE GEOTEXTILE FILTER FABRIC (MIRAFI 140N OR EQUAL), REFER TO GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION
- 9 SIMULATED STANDING CEDAR SHAKE TEXTURE CONCRETE ROOF PATTERN, COLOR GRANITE ROCK, 2K ANTI-GRAFFITI COATING
- 10 CONCRETE BUILDING SLAB BY MANUFACTURE OF PRE-CAST BUILDING, COORDINATE ELEVATION WITH CONCRETE WALK FOR ACCESSIBLE ENTRANCE PER GRADING SHEETS
- 11 3'-0"x6'-8" FIBERGLASS DB LVR DOOR AND FRAMESET, TOP PAINTED WITH DTM ALKYD
- 12 TOILET SIGNAGE ON SHEET C-XX RESTROOM DETAILS
- 13 SIGN TO READ: "DO NOT PUT TRASH IN TOILET"
- 14 SS WALL VENT
- 15 BOARD & BATT TEXTURE UPPER WITH HORIZONTAL LAP LOWER TEXTURE WALLS, COLOR SAND BEIGE. 2K ANTI-GRAFFITI COATING ON ALL FINISHED SURFACES.
- 16 SS DOOR LOUVER
- 17 SET BUILDING SLAB FLUSH, LEVEL AND W/ SMOOTH TRANSITION AT CONCRETE SIDEWALK IN AREA IN FRONT OF ENTRANCE TO THE RESTROOM, COORDINATE W/ GRADING SHEET PER EACH LOCATION
- 18 TRANSLUCENT LEXAN WINDOW GLAZING WITH STEEL FRAME
- 19 BABY CHANGING TABLE: MODEL 100-EH-BP HORIZONTAL DIAPER CHANGING STATION WITH EZ MOUNT BACKER PLATE OR APPROVE EQUAL, TABLE WIDTH SHALL NOT EXCEED 18".
- 20 ACCESSIBLE MANEUVERING AREAS - CIRCLE: 60" Ø & RECTANGLE: 56"D x 60"W
- 21 SS DOUBLE COAT HOOK
- 22 PAINT - WHITE
- 23 ALL PORTIONS OF THE EAVES WHICH ARE LESS THAN 80" ABOVE THE WALKING SURFACE SHALL PROJECT NO MORE THAN 4" FROM THE SIDE OF THE BUILDING.



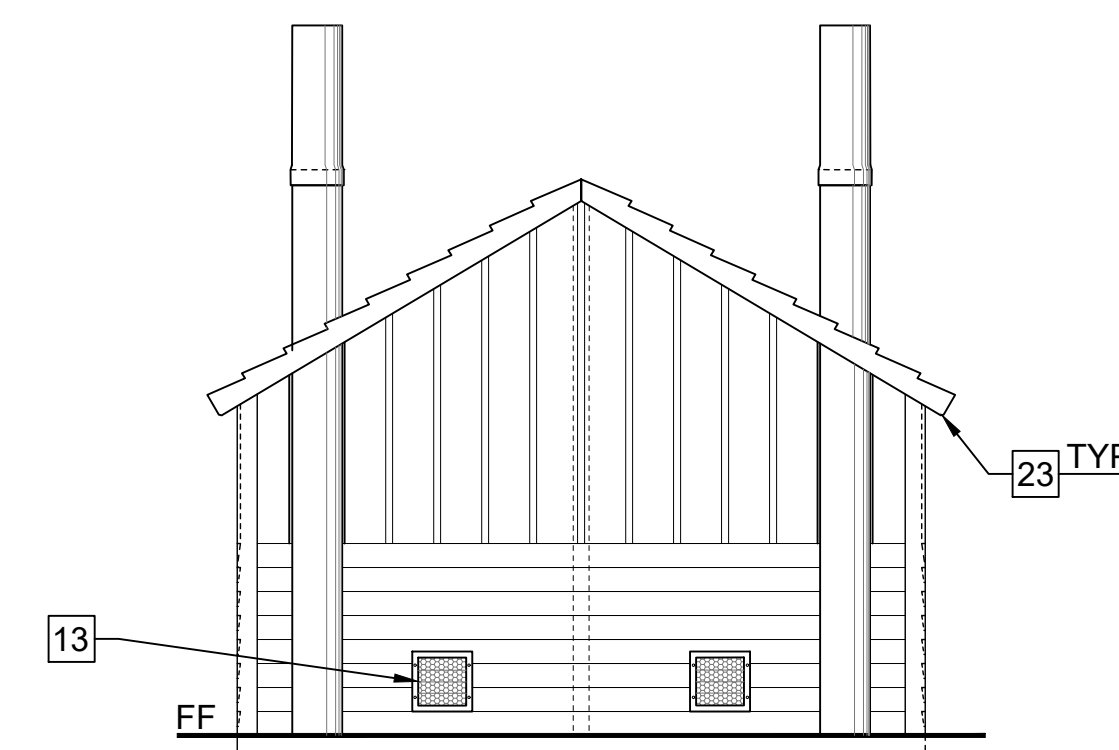
1 FRONT ELEVATION
SCALE@24X36 1/4" = 1'-0"



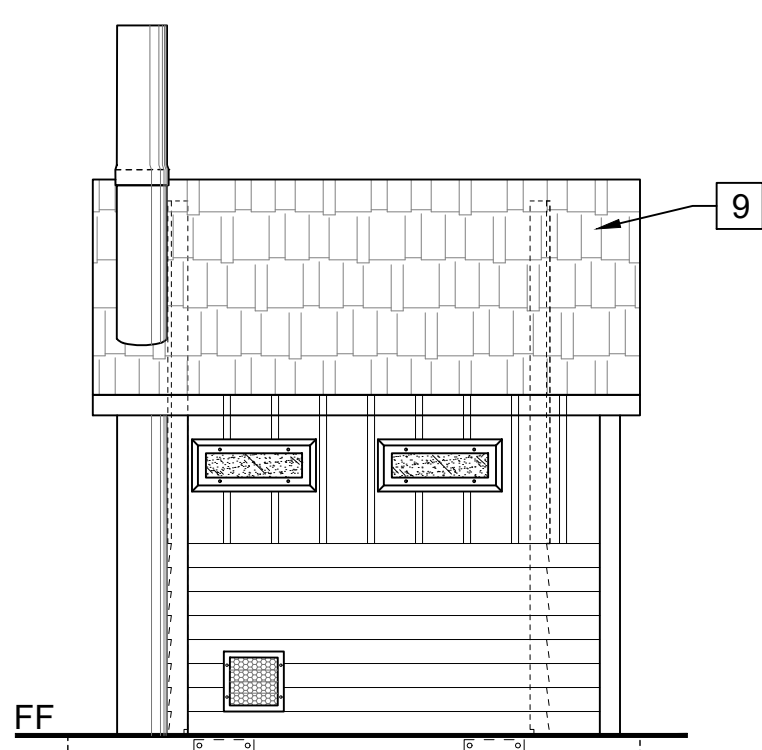
3 RIGHT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



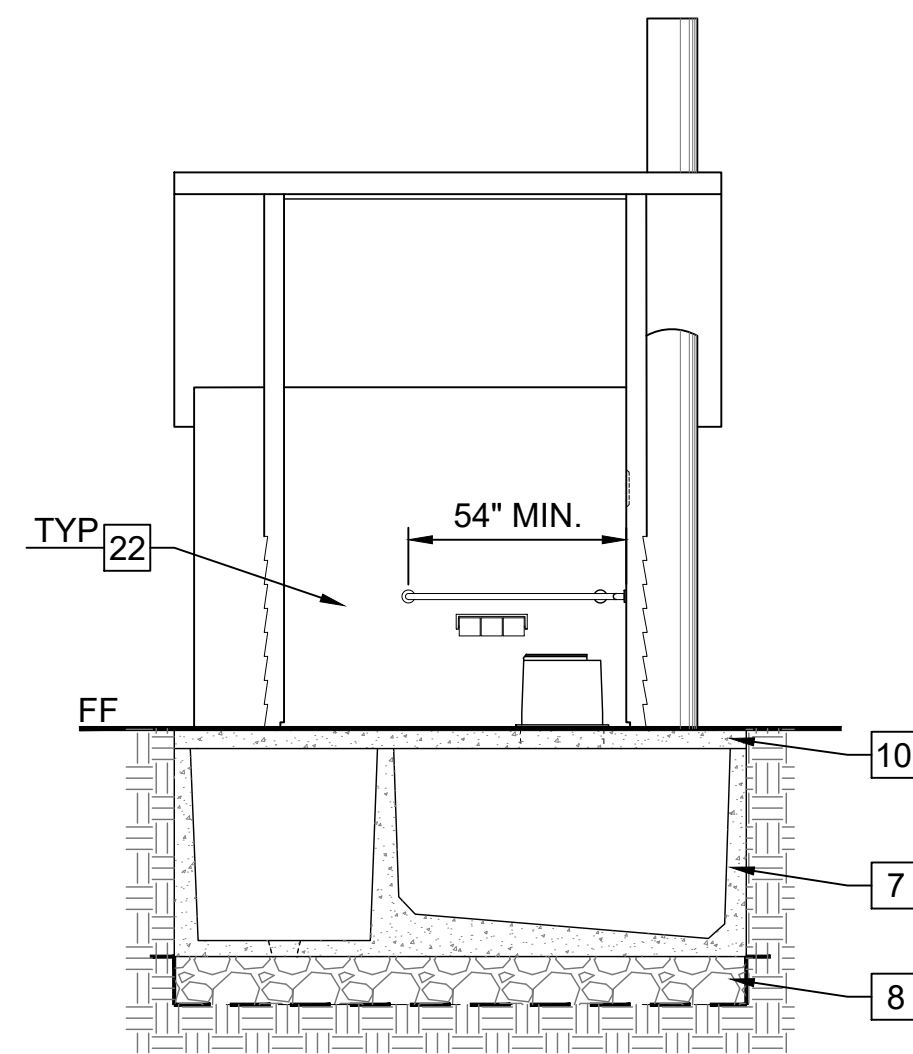
5 LONGITUDINAL SECTION
SCALE@24X36 1/4" = 1'-0"



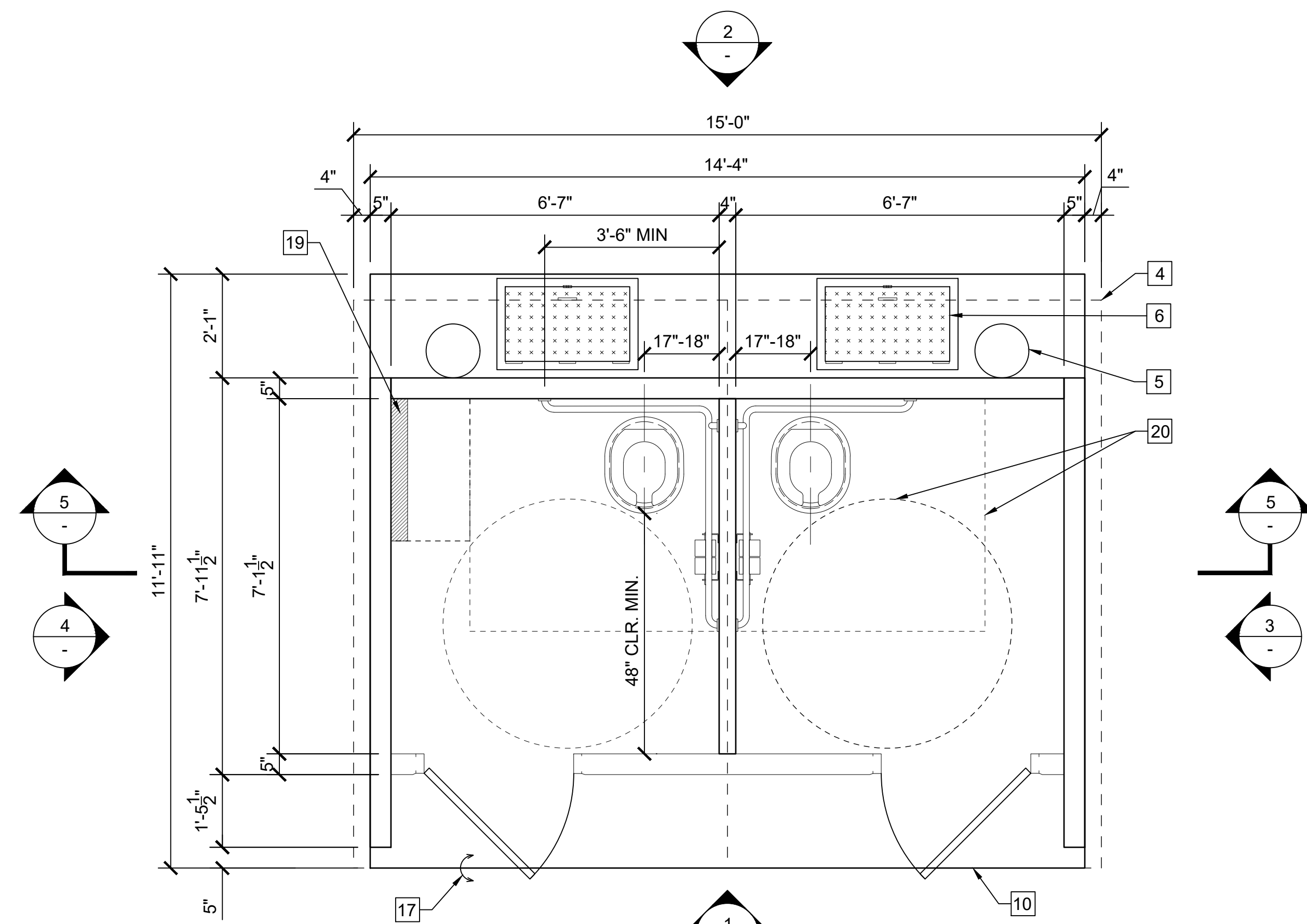
2 REAR ELEVATION
SCALE@24X36 1/4" = 1'-0"



4 LEFT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



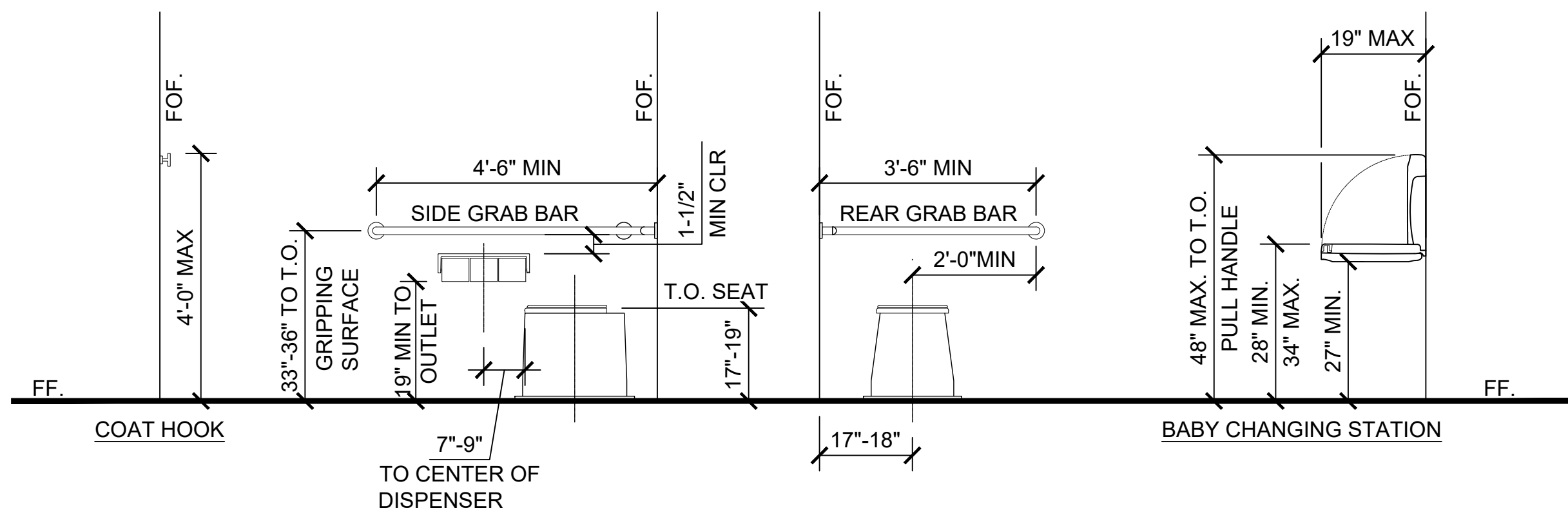
6 SECTION A-A
SCALE@24X36 1/4" = 1'-0"



7 FLOOR PLAN
SCALE@24X36 1/2" = 1'-0"



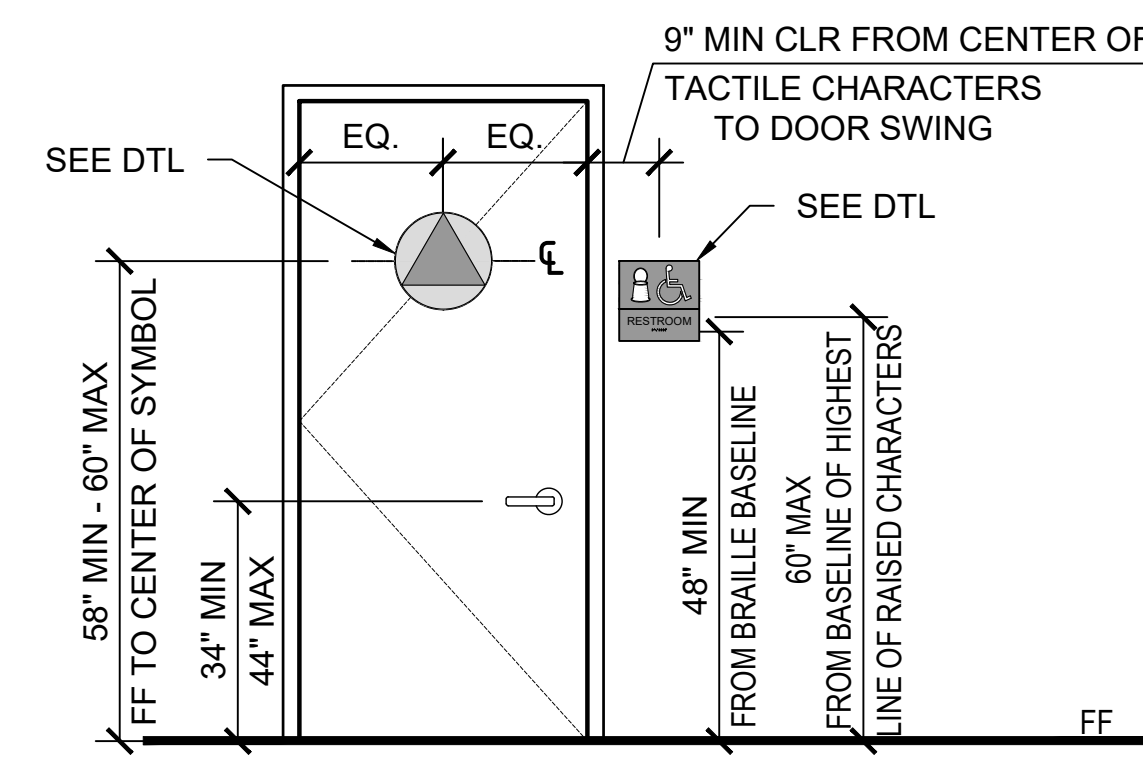
FACILITIES AND DEVELOPMENT DIVISION



- NOTES:
- REFER TO 2022 CBC FOR FURTHER INFORMATION :
 - SECTION 11B-306 KNEE AND TOE CLEARANCE
 - SECTION 11B-308 REACH RANGES
 - SECTION 11B-604 WATER CLOSETS AND TOILET COMPARTMENTS
 - NO TOLERANCE PERMITTED BEYOND NOTED MINIMUMS OR MAXIMUMS.
 - OPERATING HANDLE, 5 LBS MAXIMUM OPERATING FORCE AUTOMATIC OR PLACED ON WIDE SIDE OF THE FIXTURE COMPARTMENT.

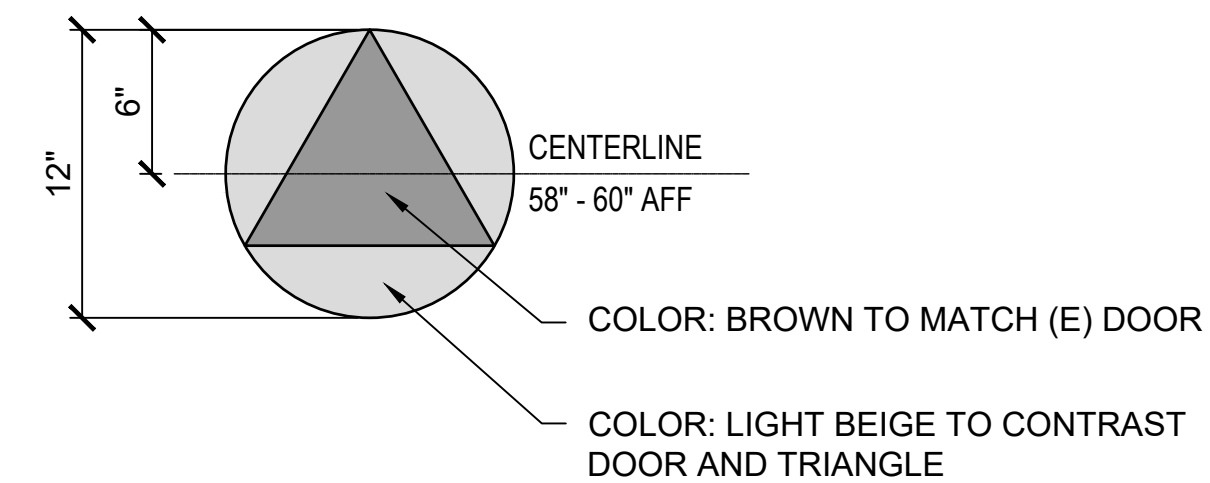
1 RESTROOM FIXTURE MOUNTING LOCATIONS
SCALE@22X34 1/2" = 1'-0"

- NOTES: ADJUST DOOR OPENING TO 5 LBS OF FORCE MAX
ADJUST DOOR CLOSER WHEN DOOR IS OPENED OF MIN 70° DOOR SHALL CLOSE A MIN TIME OF 1.5 SECONDS

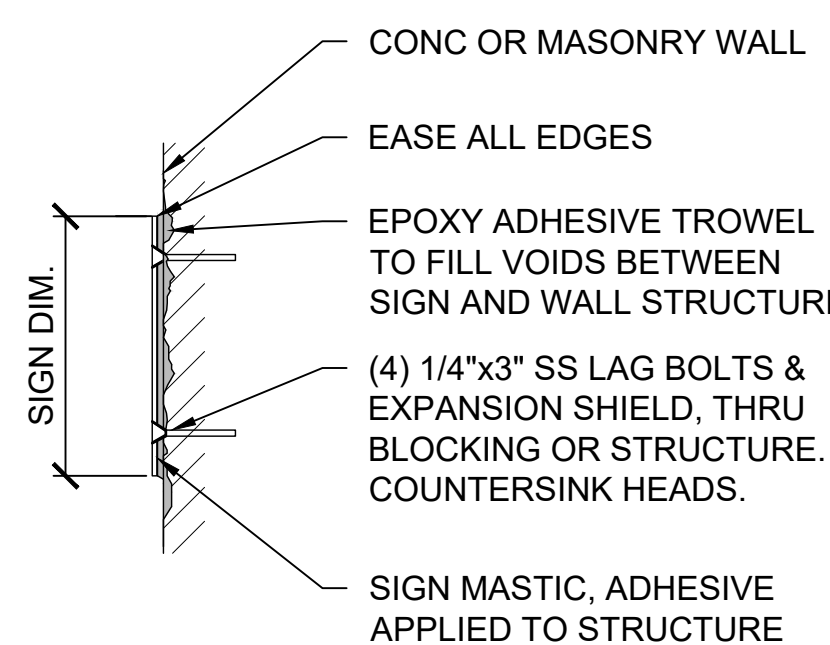


2 RESTROOM SIGN LOCATION
SCALE@22X34 1/2" = 1'-0"

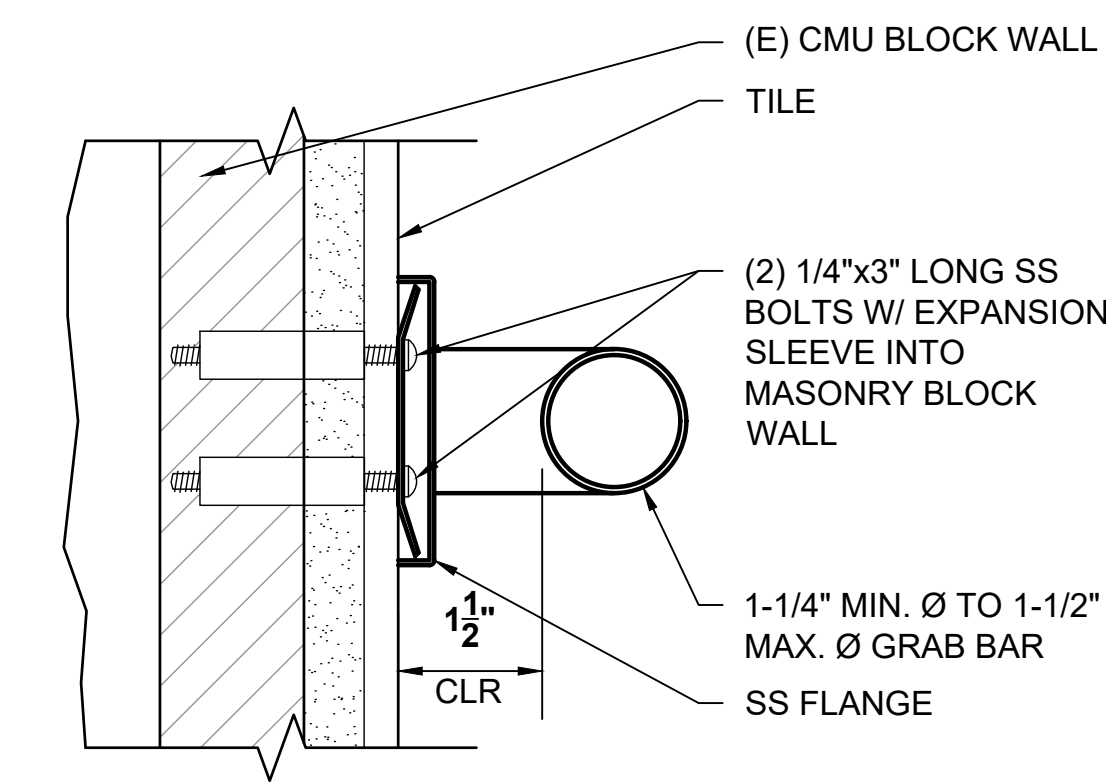
- NOTES:
- RESTROOM DOOR SIGNS: 1/4" THICK - SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. UNISEX CIRCLE SHALL COLOR CONTRAST WITH DOOR COLOR AND TRIANGLE COLOR, CONTRAST SHALL BE 70% MIN.
 - MOUNTED 58" - 60" AFF TO THE CENTER OF THE SIGN AND CENTERED ON THE DOOR
 - NO LETTERS OR CHARACTERS



3 RESTROOM DOOR SIGN
SCALE@22X34 1 1/2" = 1'-0"

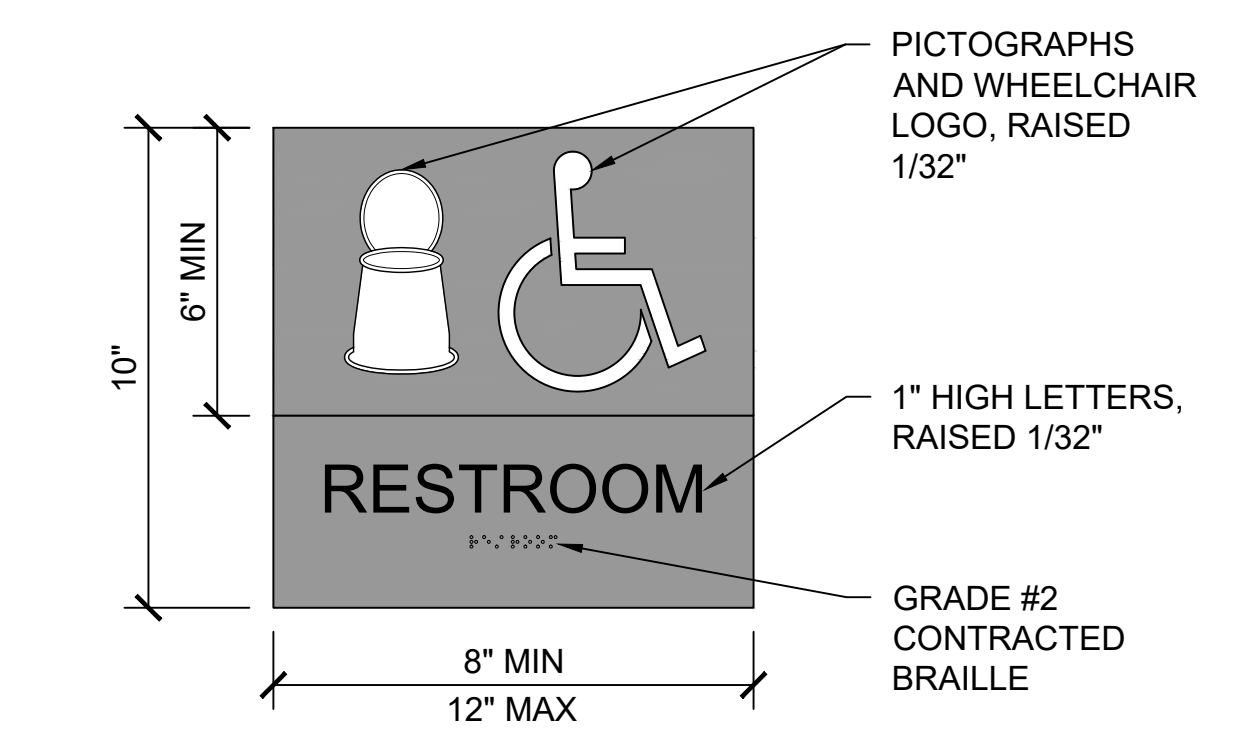
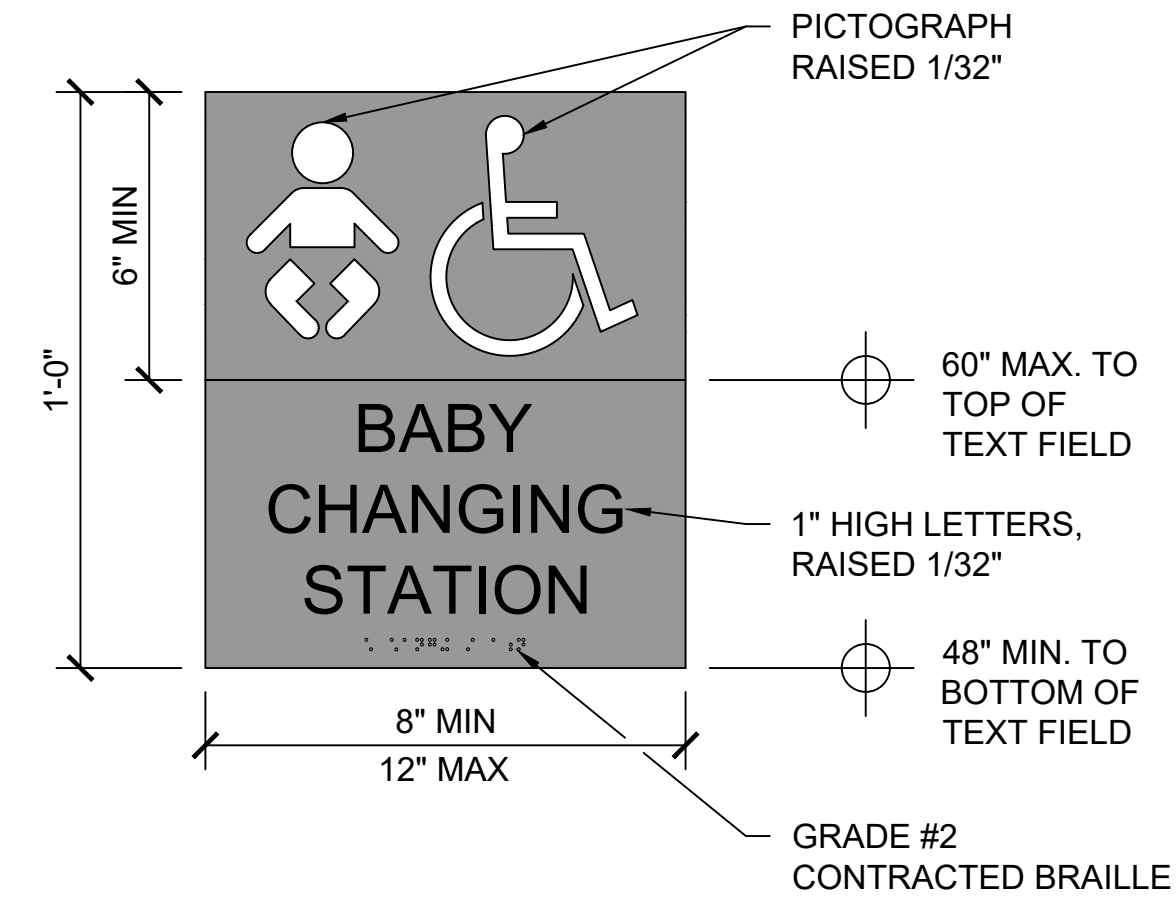


4 WALL SIGNS MOUNTING
SCALE@22X34 1 1/2" = 1'-0"



5 GRAB BAR MOUNTING
SCALE@22X34 6" = 1'-0"

- NOTES: ALL WALL & DOOR SIGNS: 1/4" THICK, SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. SYMBOLS AND LETTER SHALL CONTRAST AND BE SELECTED BY STATE REPRESENTATIVE FROM MANUFACTURERS FULL LINE OF COLOR OFFERINGS. UNO. COLOR SHALL BE THROUGH PRODUCT, NOT A COLOR SHEET APPLIED TO A TRANSPARENT OR TRANSLUCENT SHEET OF ACRYLIC. REFER TO 2022 CBC SECTION 11B.703 FOR FURTHER INFORMATION



6 RESTROOM WALL SIGNS
SCALE@22X34 3" = 1'-0"



DPR ACCESS COMPLIANCE REVIEW
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DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

POMPONIO STATE BEACH
VAULT RESTROOM REPLACEMENT
RESTROOM DETAILS

206279.038

SHEET NO.
C-35
038 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-35 RESTROOM DETAILS.dwg Layout: C-35 Restroom Dtl: Pomponio Date: October 30 2023 - 2:40 pm User: tle

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION FACILITIES AND DEVELOPMENT DIVISION

SAN GREGORIO STATE BEACH VAULT RESTROOM REPLACEMENT

CSFM # 23-N-2337-C-NW

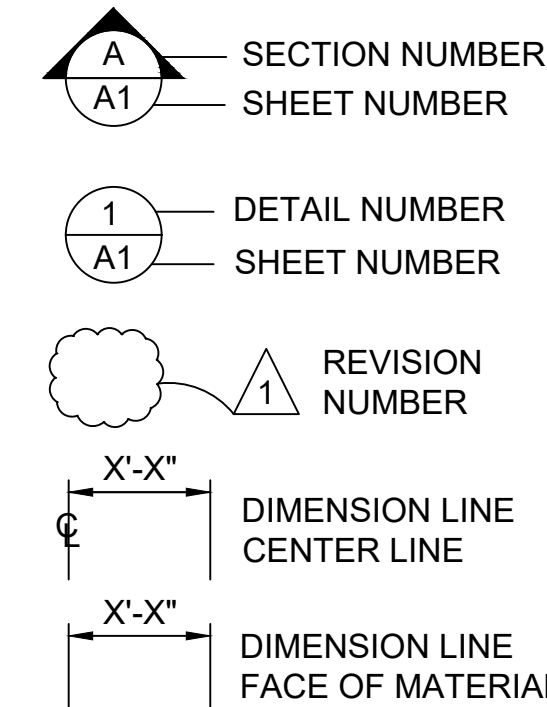


FACILITIES AND DEVELOPMENT DIVISION

DEMOLISH EXISTING NON COMPLIANT RESTROOMS AND REPLACE WITH PRECAST CONCRETE VAULT RESTROOM. UPGRADE EXISTING PARKING TO MEET CURRENT ADA REQUIREMENTS. BARRIER REMOVAL AT PATH OF TRAVEL FROM PARKING TO RESTROOM AND ANY DAY-USE SITE AMENITIES ON THE PATH OF TRAVEL.

SCOPE OF WORK

- ALL MATERIALS SHOWN OR NOTED ON THE PLANS ARE NEW UNLESS CALLED OUT OTHERWISE.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS SHOWN OR DIMENSIONED HERE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STATE REPRESENTATIVE FOR RESOLUTION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE FOLLOWING LISTED CODES, AND ALL OTHERS HAVING JURISDICTION OVER THE WORK.
 - 2022 CA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
 - 2022 CA BUILDING CODE (CBC), VOLUMES 1 AND 2, PART 2, TITLE 24, C.C.R. (2018 INTERNATIONAL BUILDING CODE AND 2019 CA AMENDMENTS)
 - 2022 CA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2020 CA AMENDMENTS)
 - 2022 CA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2021 CA AMENDMENTS)
 - 2022 CA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R. (2021 UNIFORM PLUMBING CODE W/ 2021 CA AMENDMENTS)
 - 2022 CA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R. (2008 CA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)
 - 2022 CA FIRE CODE (FC), PART 9, TITLE 24, C.C.R. (2021 INTERNATIONAL FIRE CODE AND 2021 CA AMENDMENTS)
 - 2022 CA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.
 - 2022 CA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
 - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.
 - 2022 TITLE 19 C.C.R., PUBLIC SAFETY, DIVISION 1 STATE FIRE MARSHAL REGULATIONS.



SYMBOLS LEGEND

STATE OF CALIFORNIA
DEPARTMENT OF PARKS AND RECREATION
FACILITIES AND DEVELOPMENT DIVISION
NORTHERN SERVICE CENTER
2241 HARVARD STREET, SUITE 200
SACRAMENTO, CA 95815

PREPARED BY

- CONDUCT ALL WORK IN ACCORDANCE WITH THE LATEST SAFETY RULES AND REGULATIONS OF ALL AUTHORITIES AND AGENCIES HAVING JURISDICTION OVER THE WORK.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. WHERE DETAILED INFORMATION OR CLARIFICATION IS REQUIRED, THE MATTER SHALL BE REFERRED TO THE STATE REPRESENTATIVE FOR WRITTEN RESOLUTION.
- THE CONTRACTOR SHALL NOT SCALE THE DRAWINGS, BUT SHALL RELY ONLY ON THE WRITTEN DIMENSIONS GIVEN. IF A DISCREPANCY OCCURS OR NO DIMENSION IS GIVEN, THE CONTRACTOR SHALL NOTIFY THE STATE REPRESENTATIVE FOR WRITTEN CLARIFICATION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- COMPLIANCE WITH ACCESSIBLE REGULATIONS FOR SLOPES AS STATED ON THE PLANS WILL BE VERIFIED BY THE STATE'S REPRESENTATIVE UTILIZING A 24 INCH DIGITAL LEVEL. THE 24 INCH DIGITAL LEVEL WILL BE SUPPLIED BY THE STATE AND WILL BE CALIBRATED BY THE STATE'S REPRESENTATIVE PRIOR TO THE TAKING OF ANY MEASUREMENTS. MEASUREMENTS WILL BE TAKEN IN ANY DIRECTION WITH THE 24" DIGITAL LEVEL AND MEASUREMENTS WILL VERIFY COMPLIANCE WITH SLOPES SPECIFIED ON THE PLANS. WORK THAT DOES NOT MEET THE REQUIREMENTS SHALL BE CONSIDERED NON-COMPLIANT AND WILL NOT BE ACCEPTED BY THE STATE. ANY AREA WHICH IS NON-COMPLIANT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

GENERAL NOTES

ITEM	APPROVAL REQUIRED
PREFABRICATED SHADE STRUCTURE	STRUCTURAL CALCULATIONS & PLAN SIGNED BY STRUCTURAL ENGINEER

DEFERRED SUBMITTALS

LOCAL FIRE AUTHORITY APPROVAL



SHEET INDEX		
PAGE	NO.	TITLE SHEET
001	G-1	COVER SHEET
002	G-2	GENERAL NOTES & ABBREVIATIONS
003	G-3	OVERALL SITE PLAN
008	C-5	EXISTING CONDITION & DEMO PLAN
009	C-6	SITE PLAN
010	C-7	PAVING, HORIZONTAL CONTROL & GRADING PLAN
025	C-22	GRADING & PAVING SECTIONS 1
026	C-23	GRADING & PAVING SECTIONS 2
027	C-24	GRADING & PAVING SECTIONS 3
031	C-28	ACCESSIBLE PARKING & CONCRETE JOINT DETAILS
032	C-29	SITE PAVING DETAILS
033	C-30	PICNIC SITE DETAILS
034	C-31	SITE DETAILS
035	C-32	SHADE STRUCTURE & SECURITY GATE DETAILS
037	C-34	PRECAST DOUBLE VAULT RESTROOM BUILDING
038	C-35	RESTROOM DETAILS

SHEET INDEX

	PRECAST VAULT RESTROOM	SHADE STRUCTURE	
1	OCCUPANCY CLASSIFICATION	B	A2
2	BUILDING CONSTRUCTION TYPE	I-B	V-B
3	NUMBER OF STORIES	1	1
4	ACTUAL BUILDING HEIGHT	12'-0"	11'-3"
5	BUILDING AREA IN SQUARE FEET	342 SF	600 SF
6	AREA OF PROJECT IN SQUARE FEET	12,500 SF	12,500 SF
7	SEPARATED OR NON-SEPARATED USE	NON-SEPARATED	NON-SEPARATED
8	ALLOWABLE AREA PER CBC	UL	6,000 SF
9	AREA INCREASE	NO	NO
10	HEIGHT INCREASE	NO	NO
11	FIRE SPRINKLERS TYPE: (WET, DRY, PRE-ACTION OR DELUGE)	NO	NO
12	FIRE ALARM TYPE: (MANUAL, AUTOMATIC, ETC)	NO	NO
13	OTHER FIRE PROTECTION SYSTEMS, IF ANY	NO	NO
14	SMOKE CONTROL SYSTEM	NO	NO
15	OCCUPANT LOAD FOR ENTIRE BUILDING AND EACH FLOOR	3	22
16	YEAR BUILDING WAS CONSTRUCTED	NEW	NEW
17	IN A HIGH FIRE HAZARD SEVERITY ZONE?	NO	NO

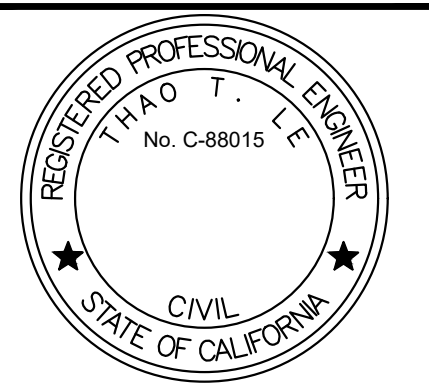
NOTES:

- THE VAULT TOILET ROOMS ARE SINGLE OCCUPANCY, BASED ON OCCUPANT LOAD OF 1 OCCUPANT PER 150 SQUARE FEET, AND EXIT DIRECTLY TO THE EXTERIOR.
- OCCUPANT LOAD FOR SHADE STRUCTURE IS BASED ON OCCUPANT PER 18" OF AVAILABLE SEATING (CBC 1004.6).
- THE AGGREGATE AREA OF THE TWO ADJACENT SHADE STRUCTURES AND RESTROOM IS LESS THAN THE ALLOWABLE AREA. THE TWO SHADE STRUCTURES AND RESTROOM SHALL BE CONSIDERED ONE BUILDING PER CBC 705.3 - EXCEPTION 1.

BUILDING CODE REVIEW

SANTA CRUZ DISTRICTWIDE
1659 CABRILLO HIGHWAY, SAN GREGORIO, CA 94074
PARK SECTOR OFFICE: 95 KELLY AVENUE, HALF MOON BAY, CA 94019
SAN MATEO COUNTY

SITE ADDRESS



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by: _____ Date: _____
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DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT
COVER SHEET

206279.001

SHEET NO.
G-1
001 OF 038

CONCRETE

- STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH AS REQUIRED IN NOTE 24. MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.
- CONCRETE MIX DESIGNS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER, REVIEWED BY CONTRACTOR'S TESTING LABORATORY AND SUBMITTED TO THE STATE REPRESENTATIVE FOR REVIEW.
- CEMENTITIOUS MATERIALS:
CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II.
FLY ASH SHALL CONFORM TO ASTM C-618. MAXIMUM QUANTIFY OF FLY ASH SHALL BE AS GIVEN IN SPECS (15% MAXIMUM UNO).
- CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE AND ASTM C-330 FOR LIGHTWEIGHT CONCRETE.
- NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREMIXED NONMETALLIC FORMULA.
- REINFORCING BARS SHALL CONFORM TO ASTM D7957 / D7957M-17 FOR #3 AND LARGER. CONTRACTOR SHALL SUBMIT REBAR MANUFACTURER CERTIFICATES.
- REINFORCING BARS SHALL BE INSTALLED ACCORDING TO ACI 440.1-15 "GUIDE FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL CONCRETE REINFORCED WITH FIBER-REINFORCED POLYMER BARS AND ACI 440.5-08 "SPECIFICATION FOR CONSTRUCTION WITH FIBER-REINFORCED POLYMER REINFORCING BAR."
- DIMENSION SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS LISTED AND DENOTE CLEAR COVERAGE. NON-PRESTRESSED, CAST-IN-PLACE CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO:
CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) _____ 3"
CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS:
#5 AND SMALLER _____ 1-1/2"
#6 AND LARGER _____ 2"
SLABS (ON FORMS) _____ 3/4"
SLABS (ON GROUND) _____ 2" CLEAR FROM TOP UNO
- SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED UNO, SEE SCHEDULE THIS SHEET. SPLICES IN ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLICE CONTINUOUS BARS IN SOIL-BEARING GRADE BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIONS AS FOLLOWS UNO: TOP BARS AT CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLICE CONTINUOUS BARS IN ELEVATED SLABS AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE OF SUPPORT. SPLICES IN WWF SHALL BE 1-1/2" MESHES WIDE.
- THE MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN THE LARGER OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM AGGREGATE SIZE (NOMINAL), WHICHEVER IS GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR SPACING BETWEEN DIFFERENT LAYERS OF PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A CONTACT LAP SPLICE AND ADJACENT SPLICES OR BARS.
- ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED. AT WALLS, PROVIDE HOOKS AT ENDS OF ALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS, UNO.
- CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SAND BLASTING, OR RAKING THE SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
- REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE.
- ANCHOR BOLTS (AB'S) CAST IN CONCRETE OR MASONRY FOR WALL SILL AND LEDGER / APPLICATIONS SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM A307, UNO. REFER TO "WOOD" NOTES FOR ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH PRESSURE TREATED OR FIRE RETARDANT MATERIAL. REFER TO 'STRUCTURAL STEEL' NOTE FOR REQUIREMENTS FOR ANCHOR RODS (AR'S) CAST IN CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED APPLICATIONS.
- DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMN FROM FOUNDATION WITH SAME SIZE BAR.
- CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING BARS (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES HOPPER AND CHUTES OR TRUNKS OF VARIABLE LENGTHS SHALL BE USED SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 6 FEET.
- DRILL THROUGH STEEL COLUMNS, BEAMS AND PLATES TO PASS CONTINUOUS REINFORCING.
- NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
- PROVIDE #5 x 4'-0" DIAGONAL REINFORCING AT TOP AND BOTTOM OF SLAB AT ALL RE-ENTRANT CORNERS TYPICAL. THIS APPLIES TO SLAB ON GRADE, CONCRETE OVER METAL DECK, AND ELEVATED STRUCTURAL SLAB CONDITIONS.
- ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR DAMAGE.
- BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED.
- NOTIFY STATE REPRESENTATIVE A MINIMUM OF 48 HOURS BEFORE PLACING ANY CONCRETE.
- CONCRETE STRENGTHS & MIX PROPERTIES:

ITEM	F'C @ 28 DAYS	MAX. AGGR. SIZE	WEIGHT	MAX W/CM* RATIO
A. FOUNDATIONS	3500 PSI	1-1/2"	NW	0.45
B. SLAB ON GRADE	4000 PSI	1"	NW	0.45
C. SITE AND MISCELLANEOUS	3500 PSI	1"	NW	0.45

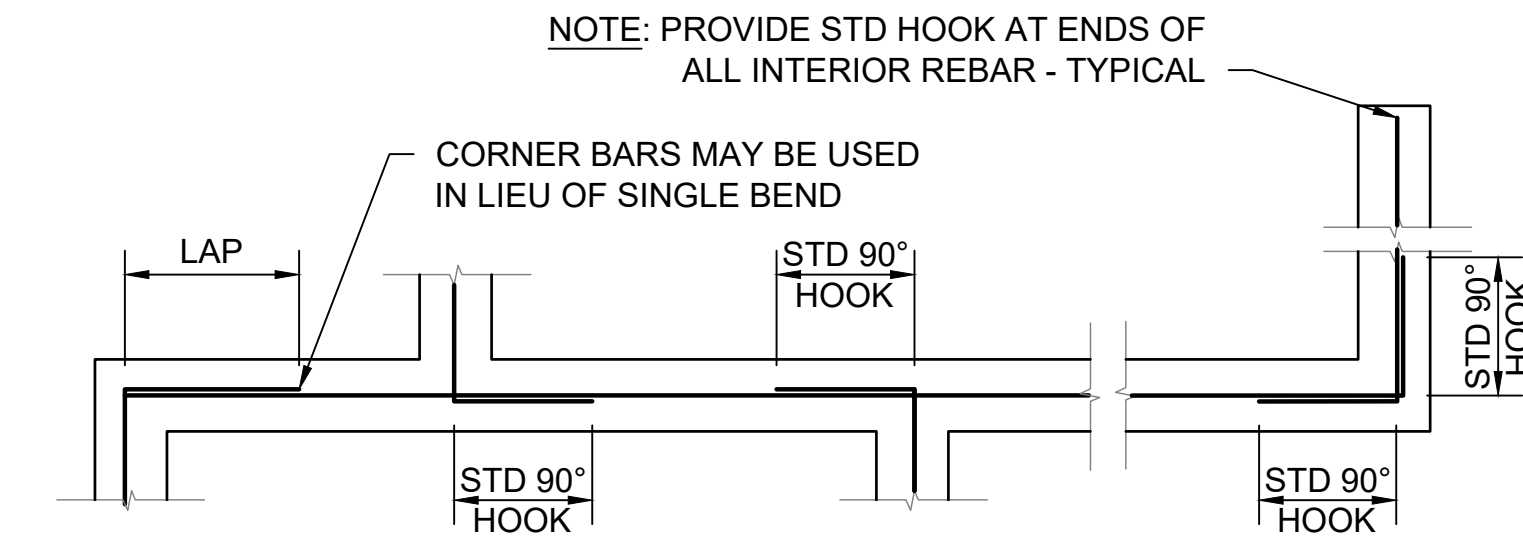
* W/CM = WATER : CEMENTITIOUS MATERIAL RATIO

REINFORCEMENT LAP SPLICE SCHEDULE:

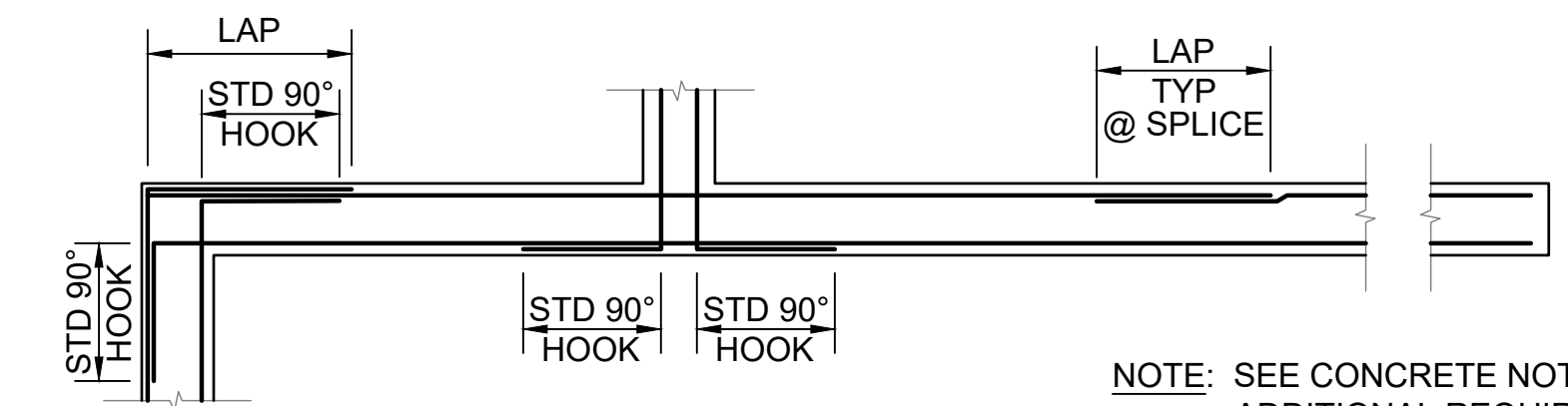
F'c = 3500 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	18	35	43	52	75	86	97	109	121
	OTHER	14	27	33	40	58	66	75	84	93
F'c = 4000 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	17	32	40	48	70	80	91	102	113
	OTHER	13	25	31	37	54	62	70	79	87

(ALL LENGTHS SHOWN ARE IN INCHES) ACI 318 2009 IBC 2016 CBC

- SCHEDULE APPLIES TO NORMAL WEIGHT CONCRETE WITH UNCOATED, GRADE 60 REINFORCING BARS FOR #4 BARS AND LARGER (VALUES FOR #3 BARS BASED ON GRADE 40).
- TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT LOCATED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.
- WHEN LIGHTWEIGHT CONCRETE IS USED, MULTIPLY LAP LENGTHS BY 1.30.
- WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR DIA. OR WHERE CLEAR COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIA., MULTIPLY LAP LENGTHS BY 1.50, UNO.
- WHERE NOTES #3 AND #4 OCCUR, MULTIPLY LAP LENGTHS BY 2.00, UNO.
- WHERE CLASS A LAP SPLICE IS NOTED IN DETAIL, DIVIDE LENGTH ABOVE BY 1.30.

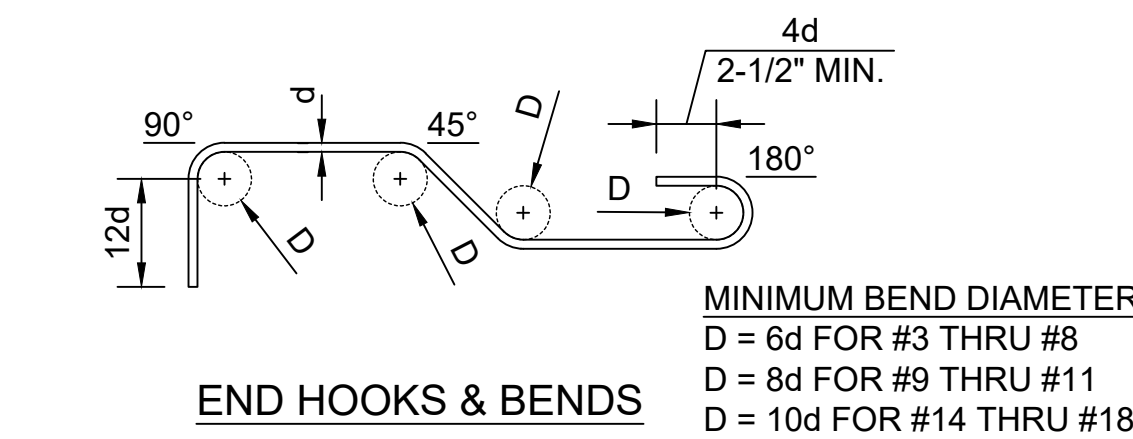


SINGLE LAYER BARS

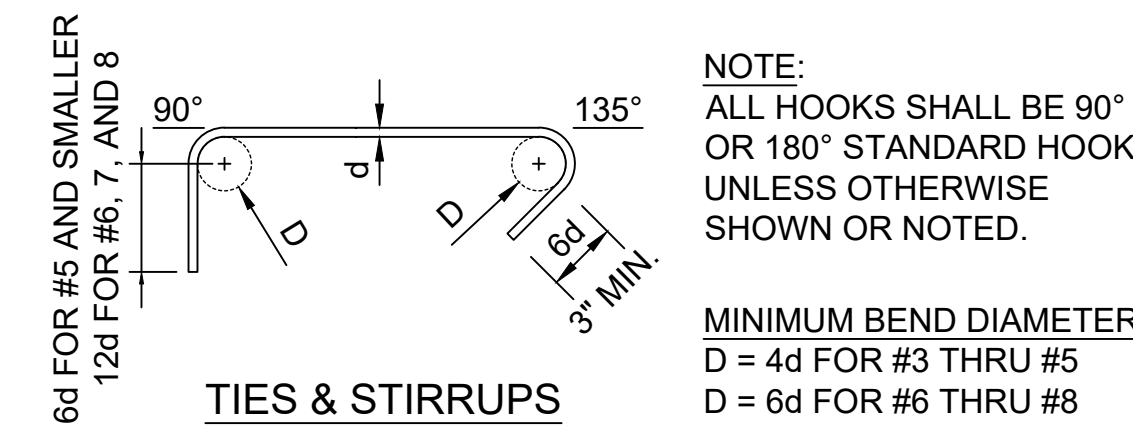


DOUBLE LAYER BARS

1 CORNER REINFORCING AT CONCRETE FOOTINGS
SCALE@22X34 3/8" = 1'-0"



END HOOKS & BENDS



TIES & STIRRUPS

2 STANDARD REBAR HOOKS & BENDS
SCALE@22X34 1 1/2" = 1'-0"

ABBREVIATIONS

'	FEET	Ø, D OR DIA	DIAMETER	H	HEIGHT	RC	RELATIVE COMPACTION
" OR IN	INCHES	D	DEPTH	HDG	HOT DIP GALVANIZE	RSP	ROCK SLOPE PROTECTION
&	AND	DBH	DIAMETER AT BREAST HEIGHT	HMA	HOT MIX ASPHALT	S	SOUTH
#	NUMBER OR POUNDS	DI	DRAINAGE INLET, DROP INLET	HOR	HORIZONTAL	S=	SLOPE
(E)	EXISTING	DIAG	DIAGONAL	HW	HEAD WALL	SCD	SEAT COVER DISPENSER
(N)	NEW	DIM	DIMENSION	ID	INSIDE DIAMETER	SCH	SCHEDULE
@	AT	DG	DECOMPOSED GRANITE	IE	INVERT ELEVATION	SCO	SANITARY CLEAN OUT
AB	AGGREGATE BASE	DTL	DETAIL	L	LENGTH	SD	SOAP DISPENSOR
AC	ASPHALTIC CONCRETE	DWG	DRAWING	LAV	LAVATORY	SF	SQUARE FEET
ADA	AMERICAN DISABILITIES ACT	E	EAST	LF	LINEAR FEET	SND	SANITARY NAPKIN DISPOSAL
ADJ	ADJUSTABLE	EA	EACH	LS	LANDSCAPE	SPEC'S	SPECIFICATIONS
AFF	ABOVE FINISH FLOOR	EF	EACH FACE	LVR	LOUVER	SQ	SQUARE
APPROX	APPROXIMATE	EG	EXISTING GRADE ELEVATION	MAX	MAXIMUM	SS	STAINLESS STEEL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	ELV	ELEVATION	MFR	MANUFACTURER	STA	STATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	EOG	EDGE OF GUTTER	MIN	MINIMUM	STD	STANDARD
AWS	AMERICAN WELDING SOCIETY	EP	EDGE OF PAVEMENT	MISC	MISCELLANEOUS	TC	TOP OF CURB ELEVATION
BC	BOTTOM OF CURB ELEVATION	EQ	EQUAL	N	NORTH	TD	TRENCH DRAIN
BLDG	BUILDING	(E)P	EXISTING PAVEMENT ELEVATION	N/A	NOT APPLICABLE	TPD	TOILET PAPER DISPENSER
B.O.	BOTTOM OF	(E)S	EXISTING STAIR ELEVATION	NPT	NATIONAL PIPE TAPER	T.O.	TOP OF
BW	BOTTOM OF WALL ELEVATION	(E)TC	EXISTING TOP OF CURB ELEVATION	NTS	NOT TO SCALE	TW	TOP OF WALL ELEVATION
∅	CENTERLINE	EV	ELECTRONIC VEHICLE	NW	NORMAL WEIGHT	TYP	TYPICAL
C	CONCRETE ELEVATION	EW	EACH WAY	OC	ON CENTER	UL	UNLIMITED
CBC	CALIFORNIA BUILDING CODE	EXP	EXPANSION	OD	OUTSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE
CIP	CAST-IN-PLACE	FF	FINISH FLOOR ELEVATION	P	PAVEMENT ELEVATION	UTIL	UTILITY
CLR	CLEAR	FG	FINISH GRADE	PCC	PORTLAND CEMENT CONCRETE	VIF	VERIFY IN FIELD
CO	CLEAN OUT	FL	FLOW LINE	PT	POINT	W	WATER, WEST, WIDTH
CONC	CONCRETE	FOF	FACE OF FINISH	PTD	PAPER TOWER DISPENSER	WWF	WELDED WIRE FABRIC
CONT	CONTINUOUS	GALV	GALVANIZED	PVC	POLYVINYL CHLORIDE	W	WITH
CP	CONTROL POINT	GB	GRADE BREAK	R	RADIUS		



FACILITIES AND DEVELOPMENT DIVISION



Reviewed by	Date

DESIGNED:	TL
DRAWN:	TL
CHECKED:	KR & MP
DATE:	OCTOBER 2023

REVISIONS	DATE

SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT
GENERAL NOTES &
ABBREVIATIONS

206279.002

SHEET NO.
G-2
002 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by Date
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION NORTHERN SERVICE CENTER

DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT
OVER ALL SITE PLAN

206279.003

SHEET NO.

G-3

003 OF 038



File: Q:\santa_cruz_districtwide\206279-sam_mateo_coast_tr_replace\05_drawings\Civil\G-3_LOCATION KEY.dwg Layout: San Gregorio_Overall SP Date: October 30 2023 - 12:47 pm User: lte

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-5 EXISTING & DEMO PLAN - SAN GREGORIO SB.dwg Layout: C-5 Existing Condition & Demo Plan_San Gregorio SB Date: October 30 2023 - 1:01 pm User: lte



DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT ASPHALT & CURB, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) CURB
- ③ REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ④ PUMP (E) VAULTS, REMOVE AND DISPOSE OF (E) VAULT TOILETS
- ⑤ REMOVE & DISPOSE (E) CONCRETE, LIMITS PER PLAN
- ⑥ REMOVE & DISPOSE (E) ACCESSIBLE SIGN
- ⑦ REMOVE & DISPOSE (E) WOOD BOLLARD POST
- ⑧ REMOVE & DISPOSE (E) PIPE GATE
- ⑨ SALVAGE "INFORMATION" SIGN & POST. RELOCATE PER NOTE 20 ON C-6
- ⑩ SALVAGE "15 MIN PARKING" SIGN & POST. RELOCATE PER NOTE 22 ON C-6
- ⑪ SALVAGE (E) SIGN & POST. RELOCATE PER STATE REPRESENTATIVE
- ⑫ SALVAGE (E) "AUTHORIZED VEHICLES ONLY" SIGN AND RELOCATE PER STATE REPRESENTATIVE
- ⑬ SALVAGE (E) TRASH CAN AND RELOCATE PER STATE REPRESENTATIVE
- ⑭ (E) 4" WIDE TRENCH DRAIN TO REMAIN (PROTECT IN PLACE)
- ⑮ (E) WOOD BOLLARD POST TO REMAIN (PROTECT IN PLACE)
- ⑯ (E) SIGN AND POST TO REMAIN (PROTECT IN PLACE)
- ⑰ (E) CURB TO REMAIN (PROTECT IN PLACE)
- ⑱ (E) TRASH CONTAINER TO REMAIN
- ⑲ (E) KIOSK TO REMAIN
- ⑳ (E) PAY STATION TO REMAIN

LEGEND

- ASPHALT DEMOLITION
- CONCRETE DEMOLITION
- (E) STRIPING
- (E) SPLIT RAIL FENCE
- SAWCUT
- (E) WOOD BOLLARD POST
- SURVEY CONTROL POINT
- TREE PROTECTION ZONE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1945711.36'	6008551.18'	35.13'	SET
CP101	1945832.60'	6008667.99'	39.39'	SET MAG NAIL
CP102	1945629.89'	6008737.94'	33.25'	SET 60D
CP103	1945740.44'	6008782.57'	37.04'	SET MAG NAIL

LINE	LENGTH	BEARING
L ₁	0.81'	S86°22'59"E
L ₂	41.00'	S86°22'59"E
L ₃	116.02'	S02°22'56"W
L ₄	54.46'	S13°08'49"W

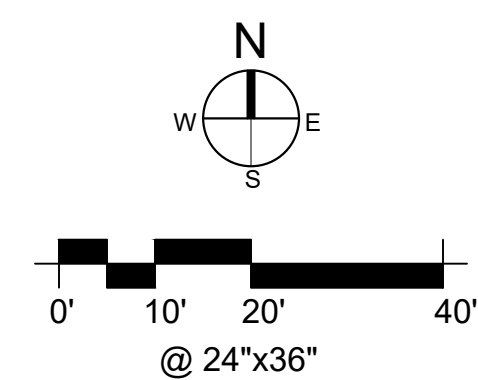
GENERAL NOTES:

- 1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



1-800-642-244
CALL BEFORE YOU DIG



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

SAN GREGORIO STATE BEACH
 VAULT RESTROOM REPLACEMENT
EXISTING CONDITION & DEMO PLAN

206279.008

SHEET NO.
C-5
008 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION CERTIFICATION # Reviewed by Date

DESIGNED: TL DRAWN: TL CHECKED: KR & MP DATE: OCTOBER 2023

Table with 2 columns: REVISIONS, DATE

SAN GREGORIO STATE BEACH VAULT RESTROOM REPLACEMENT

SITE PLAN

206279.009

SHEET NO. C-6 009 OF 038

CONSTRUCTION NOTES

- 1 INSTALL TWO DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILETS PER DETAILS ON SHEET C-34, REFER TO DTL 16, 17 ON C-24
2 CONSTRUCT 6" CIP CONC CURB PER DTL 3 ON C-29 & REFER TO DTL 8 ON C-22 AND DTL 11 ON C-23
3 CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING/DRIVING SLAB PER DTL 1 ON C-29, REFER TO DTL 8 ON C-22, AND DTL 9 ON C-23; 1.8% MAX SLOPE ANY DIRECTION
4 CONSTRUCT 5" PCC ON 18" CLASS 2 AB CONC SIDEWALK PER DTL 2 ON C-29, REFER TO DTL 7, 8 ON C-22, DTL 9, 11 ON C-23, AND DTL 16, 17 ON C-24; LANDING 1.8% MAX SLOPE ANY DIRECTION
5 CONSTRUCT 5" PCC ON 18" CLASS 2 AB CONC PICNIC SITE PER DTL 2 ON C-29, REFER TO DTL 10, 11 ON C-23; LANDING 1.8% MAX SLOPE ANY DIRECTION
6 INSTALL 3'DxX'W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-28, REFER TO DTL 9, 12 ON C-23
7 CONSTRUCT 6" PCC ON 18" CLASS 2 AB CONC PAVING ACCESS ROAD TO BEACH PER DTL 12 - 14 ON C-23
8 CONSTRUCT 8'x16'x2' CIP CONC PAD LANDING PER DTL 12, 15 ON C-23
9 INSTALL 12 FT TRENCH DRAIN PER MANUFACTURER'S RECOMMENDATION PER DTL 2 ON C-31
10 INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN, PER TO DTL 5 ON C-29, REFER TO DTL 8 ON C-22 & DTL 9, 11 ON C-23
11 INSTALL 20" AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) REFER TO DTL 12 ON C-23
12 INSTALL 6" THICK WOOD MULCH, LIMIT PER PLAN, REFER TO DTL 10, 11 ON C-23
13 INSTALL RSP, LIMIT PER PLAN, REFER TO DTL 14, 15 ON C-23
14 INSTALL ACCESSIBLE PARKING STALL PER DTL 1 ON C-28
15 INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-28
16 CONSTRUCT 4" WIDE WHITE STRIPE PARKING
17 INSTALL WHEEL STOP PER DTL 9 ON C-28
18 INSTALL (N) PICNIC SHADE STRUCTURES 16'x18'-9" PER DTL 1 ON C-32
19 INSTALL (N) ACCESSIBLE PICNIC TABLE PER DTL 2 ON C-30
20 RELOCATE (E) "INFORMATION" SIGN & POST PER PLAN. HEIGHT OF BOTTOM FORWARD PANEL SHALL BE 30" ABOVE FINISHED SURFACE.
21 INSTALL (N) PIPE GATE PER DTL 2 ON C-32, LOCATE GATES PER STATE REPRESENTATIVE
22 RELOCATE (E) SIGN AND POST "15 MIN PARKING" PER PLAN
23 CONSTRUCT RED PAINT ON CONC CURB WITH WHITE LETTER "NO PARKING" ON THE FRONT SIDE, 8 FT O.C.
24 CONSTRUCT SWALE REFER TO DTL 10 ON C-23

LEGEND

- (N) ASPHALT (N) CONCRETE CURB (N) CONCRETE (N) AGGREGATE (N) TRUNCATED DOME CUT/FILL SOIL LANDING AREA (N) ROCK SLOPE PROTECTION (N) WOOD MULCH SURVEY CONTROL POINT (E) WOOD BOLLARD POST TREE PROTECTION ZONE ACCESSIBLE PATH OF TRAVEL (E) SPLIT RAIL FENCE

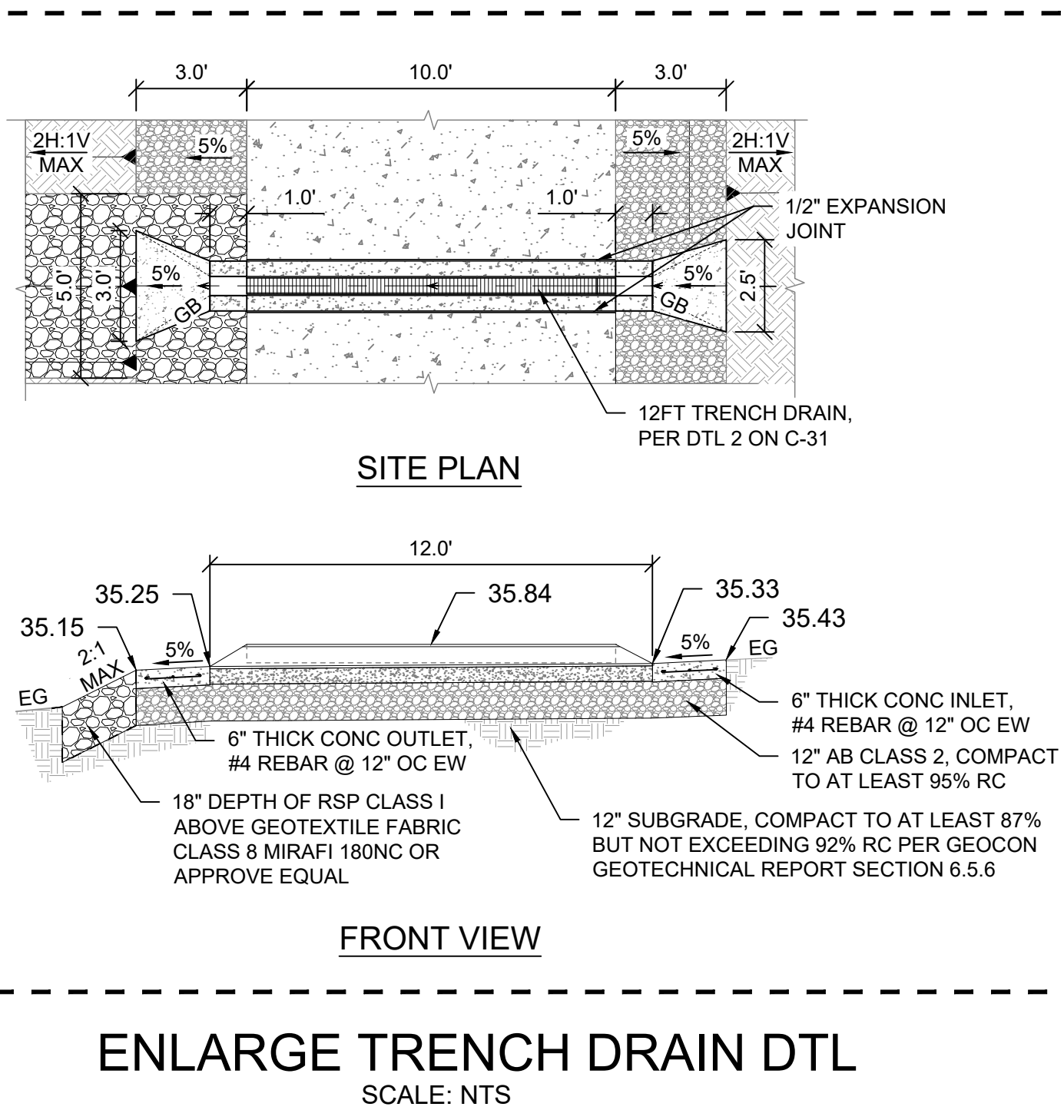
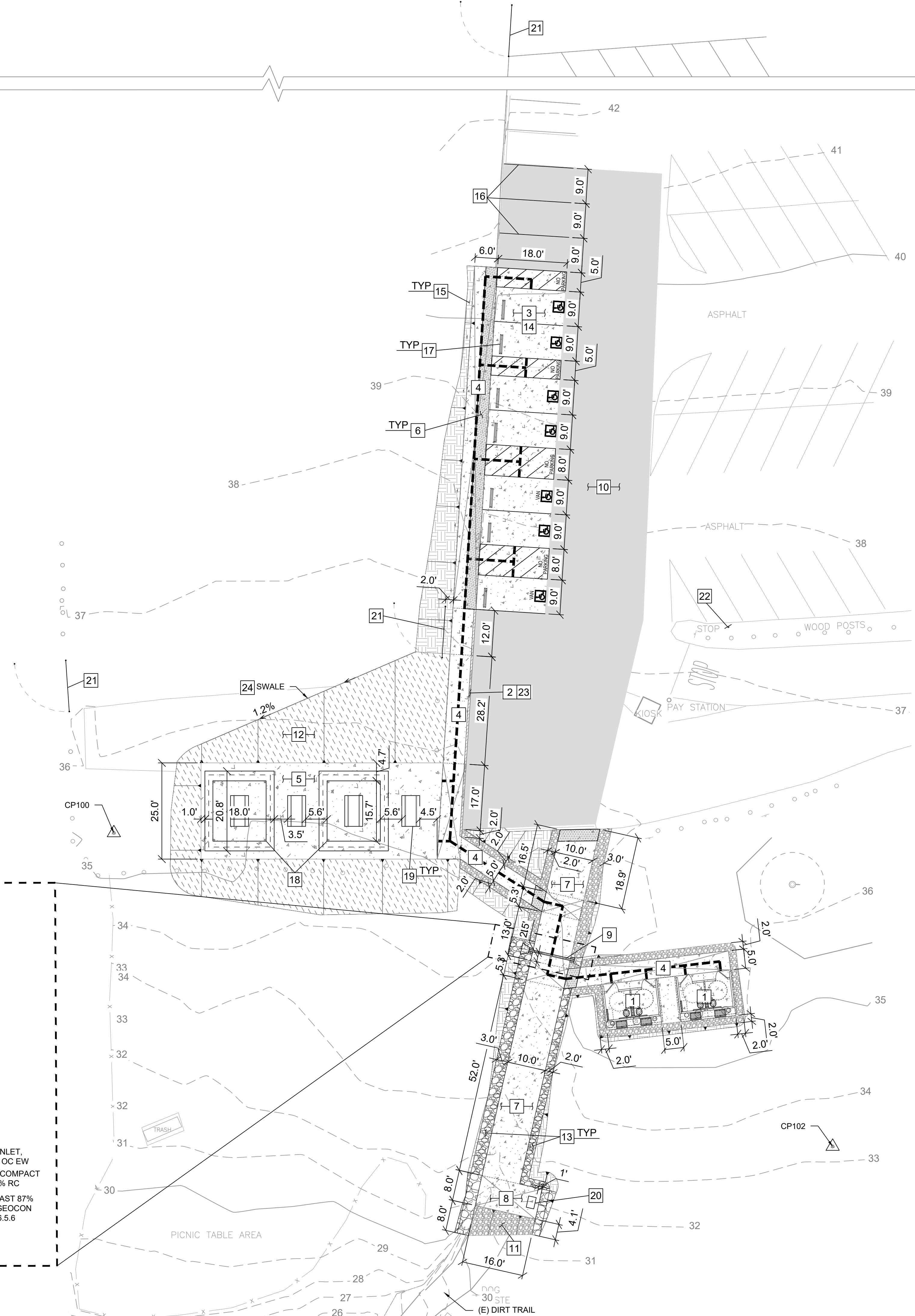
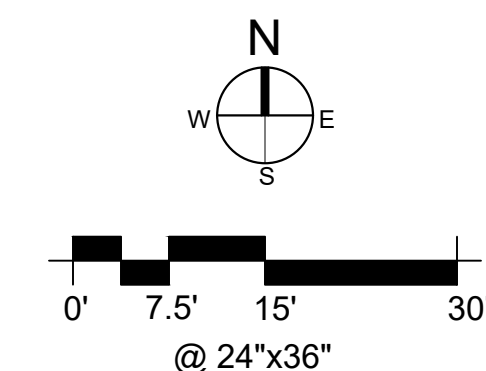
GENERAL NOTES:

- 1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



1-800-642-244 CALL BEFORE YOU DIG



File: Q:\santa_cruz_district\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-6 SITE PLAN - SAN GREGORIO SB.dwg Layout: C-6 Site Plan - San Gregorio Date: October 30 2023 - 1:05 pm User: tle



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT
PAVING, HORIZONTAL CONTROL & GRADING PLAN

206279.010
SHEET NO.
C-7
010 OF 038

LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L ₁	29.06'	N51°13'36"E	L ₁₆	12.96'	S12°44'52"W
L ₂	62.91'	N90°00'00"E	L ₁₇	8.20'	N83°33'06"E
L ₃	28.35'	N03°37'01"E	L ₁₈	33.67'	N83°33'06"E
L ₄	12.00'	N03°37'01"E	L ₁₉	16.92'	S06°26'54"E
L ₅	89.00'	N03°37'01"E	L ₂₀	33.67'	S83°33'06"W
L ₆	6.00'	S86°22'59"E	L ₂₁	11.92'	N06°26'54"W
L ₇	18.00'	S86°22'59"E	L ₂₂	9.94'	S83°33'06"W
L ₈	89.00'	S03°37'01"W	L ₂₃	52.00'	S12°44'52"W
L ₉	18.00'	N86°22'59"W	L ₂₄	6.00'	S77°15'08"E
L ₁₀	59.29'	S03°37'01"W	L ₂₅	8.00'	S12°44'52"W
L ₁₁	26.18'	S57°07'42"E	L ₂₆	16.00'	N77°15'08"W
L ₁₂	16.52'	N12°44'52"E	L ₂₇	78.26'	N12°44'52"E
L ₁₃	10.29'	N89°10'59"E	L ₂₈	25.21'	N57°07'42"W
L ₁₄	18.93'	S12°44'52"W	L ₂₉	67.34'	N90°00'00"W
L ₁₅	5.33'	S12°44'52"W	L ₃₀	25.00'	N00°00'00"E

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1945711.36'	6008551.18'	35.13'	SET
CP101	1945832.60'	6008667.99'	39.39'	SET MAG NAIL
CP102	1945629.89'	6008737.94'	33.25'	SET 60D
CP103	1945740.44'	6008782.57'	37.04'	SET MAG NAIL

LEGEND

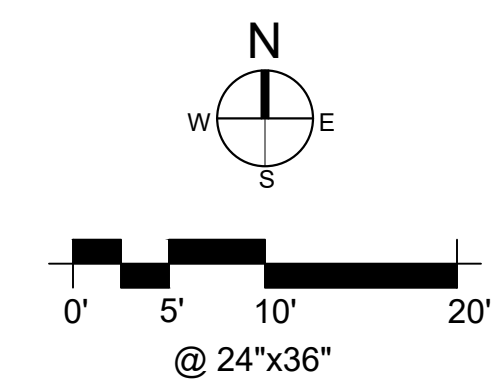
- (N) ASPHALT
- (N) CONCRETE CURB
- (N) CONCRETE
- (N) AGGREGATE
- (N) TRUNCATED DOME
- CUT/FILL SOIL
- LANDING AREA
- (N) ROCK SLOPE PROTECTION
- (N) WOOD MULCH
- SURVEY CONTROL POINT
- (E) WOOD BOLLARD POST
- TREE PROTECTION ZONE
- ACCESSIBLE PATH OF TRAVEL
- (E) SPLIT RAIL FENCE

GENERAL NOTES:

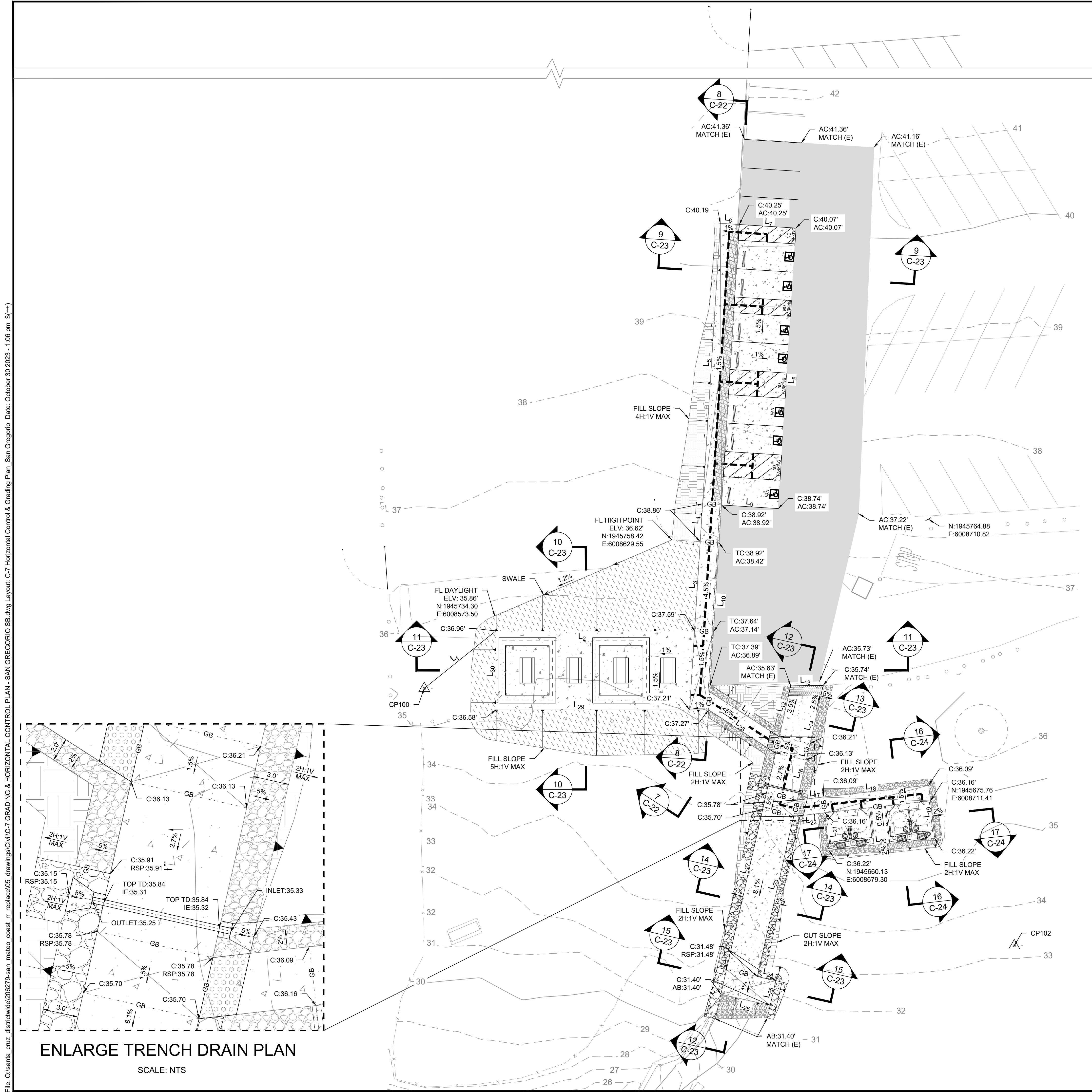
1. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT

 1-800-642-244
 CALL BEFORE YOU DIG



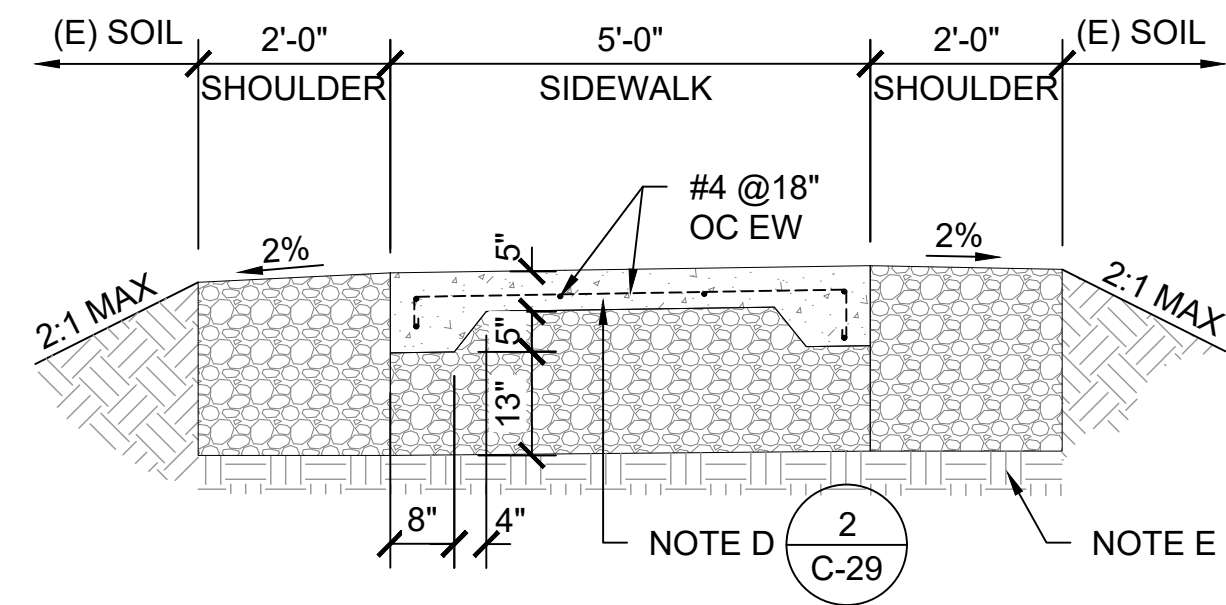
File: Q:\santa_cruz_district\wide\206279-san_mateo_coast_r.replace\05_drawings\Civil\C-7 GRADING & HORIZONTAL CONTROL PLAN - SAN GREGORIO SB.dwg Layout: C-7 Horizontal Control & Grading Plan_San Gregorio Date: October 30 2023 - 1:06 pm \$(++)



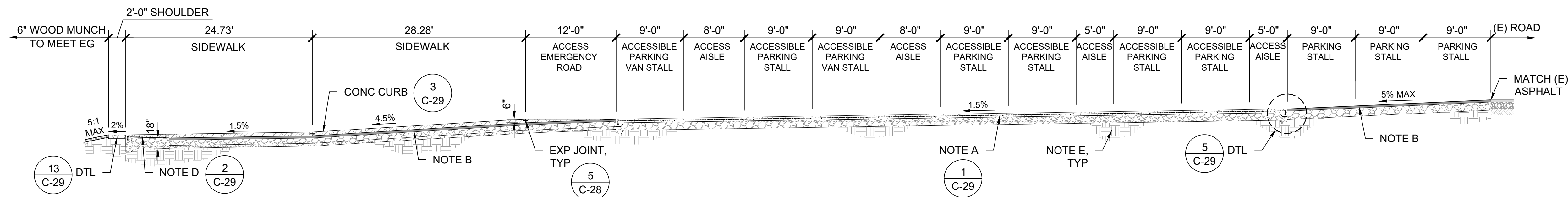
ENLARGE TRENCH DRAIN PLAN
SCALE: NTS



FACILITIES AND DEVELOPMENT DIVISION



7 GRADING & PAVING SECTION - SAN GREGORIO SB
SCALE@22X34 1/2" = 1'-0"



8 GRADING & PAVING SECTION - SAN GREGORIO SB
SCALE@22X34 1/8" = 1'-0"

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- D. 5" PCC ON CLASS 2 AB, PER GEOCON GEOTECHNICAL REPORT. REFER TO TABLE 1 ON C-29, REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-29.
- F. 6" AGGREGATE PAVING ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
- G. GRADING PER PLAN SHEET C-2 THROUGH C-21
- H. SOIL CONDITIONS VARY AT EACH SITE LOCATION, SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
- PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
- CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
- SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022 AND REVISED JANUARY 5, 2023



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
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NORTHERN SERVICE CENTER

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CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

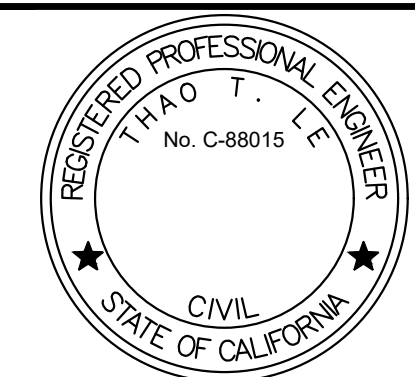
SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT
GRADING & PAVING SECTIONS 1

206279.025

SHEET NO.
C-22
025 OF 038



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION CERTIFICATION # Reviewed by Date ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION NORTHERN SERVICE CENTER

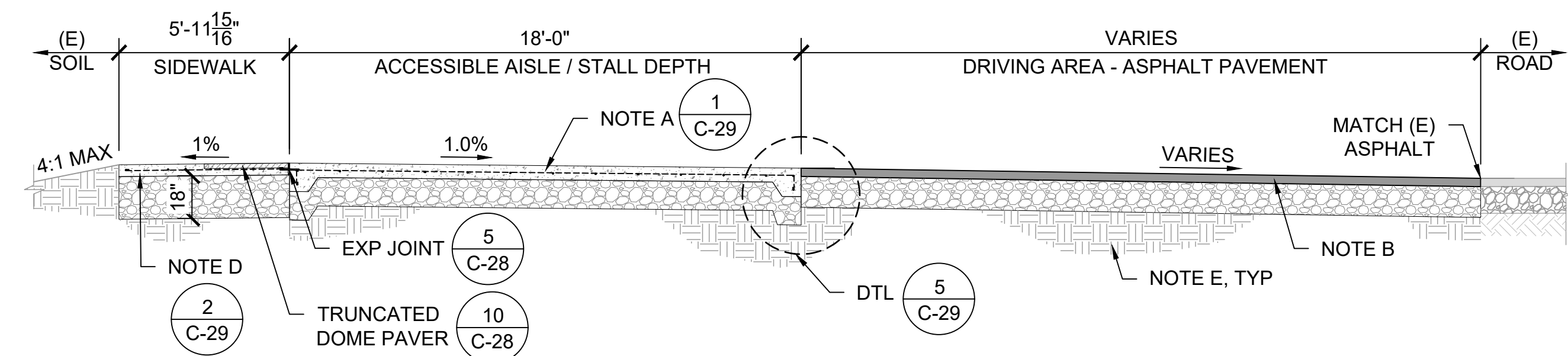
DESIGNED: TL DRAWN: TL CHECKED: KR & MP DATE: OCTOBER 2023

Table with 2 columns: REVISIONS, DATE

SAN GREGORIO STATE BEACH VAULT RESTROOM REPLACEMENT GRADING & PAVING SECTIONS 2

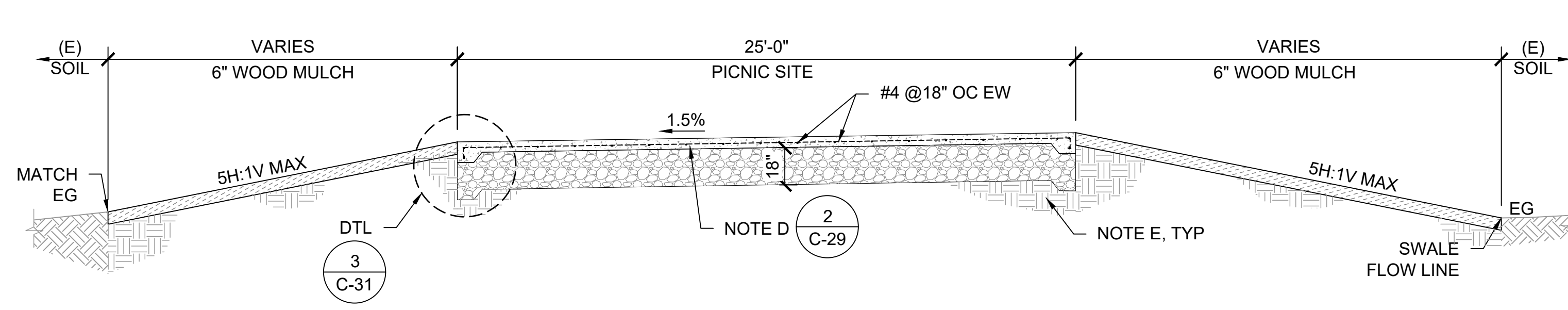
206279.026

SHEET NO. C-23 026 OF 038



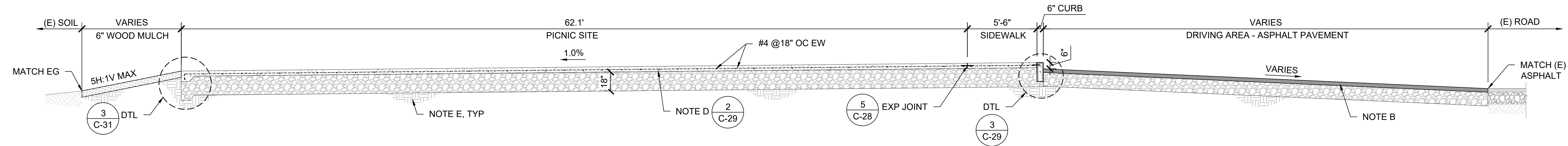
9 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/4" = 1'-0"



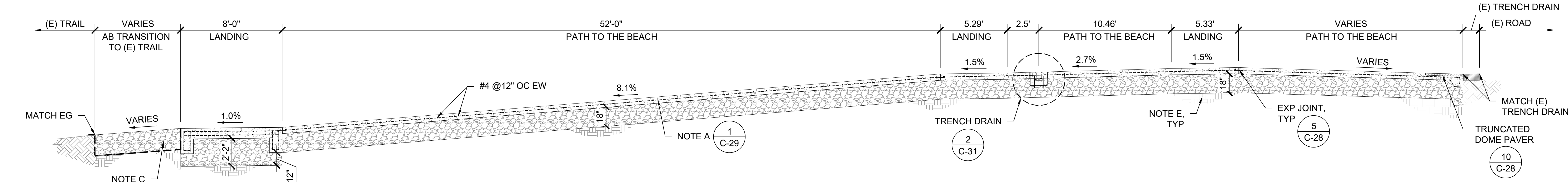
10 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/4" = 1'-0"



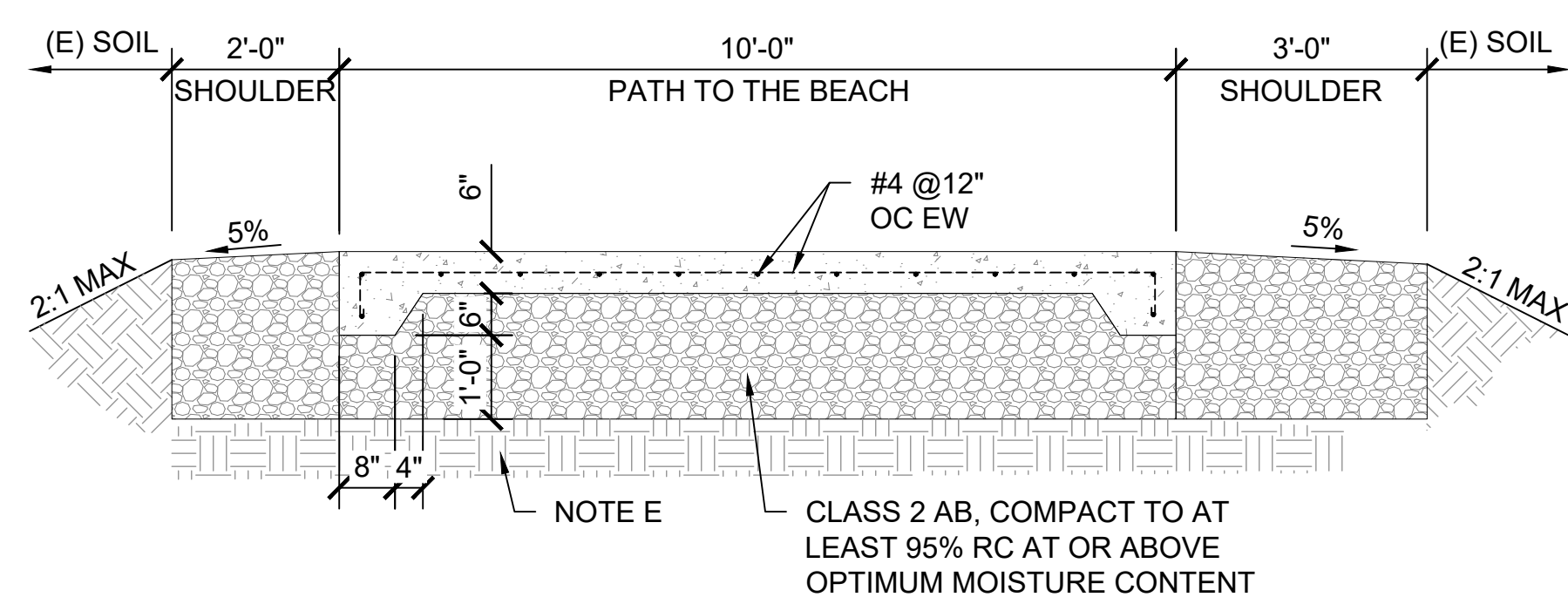
11 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/4" = 1'-0"



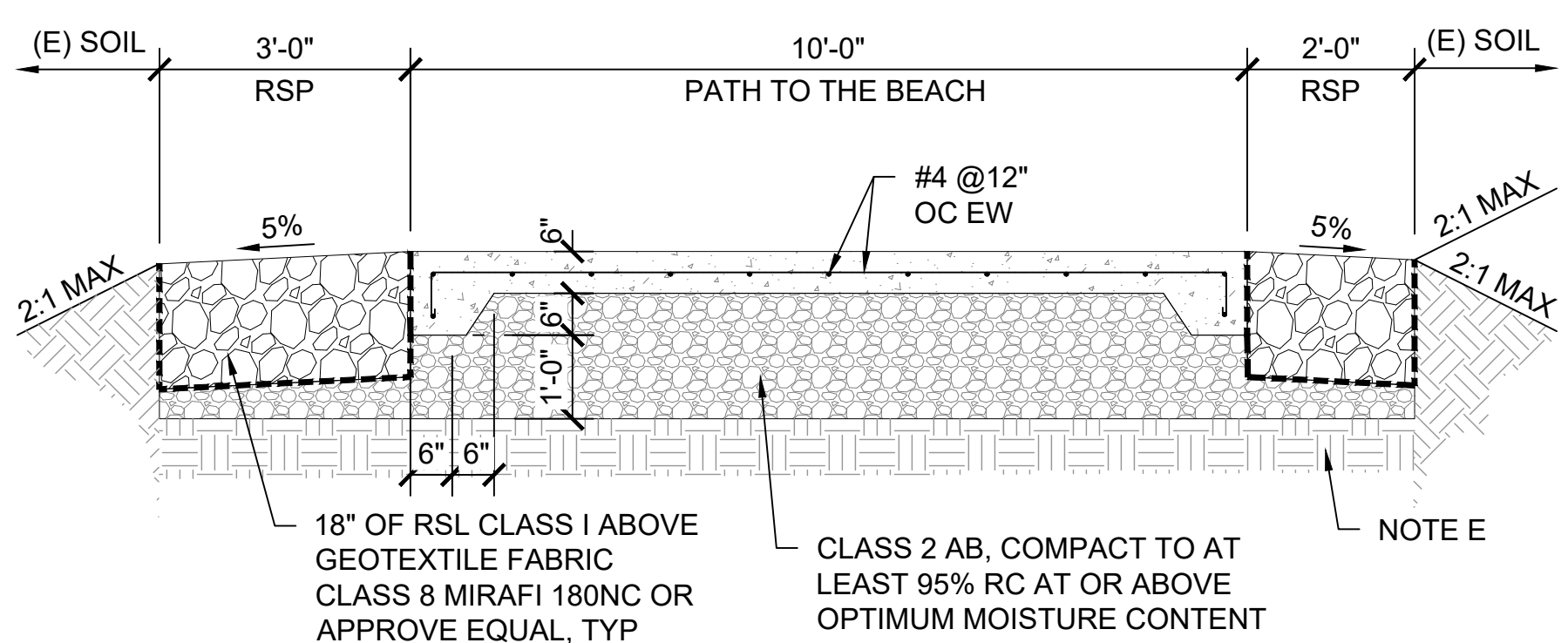
12 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/4" = 1'-0"



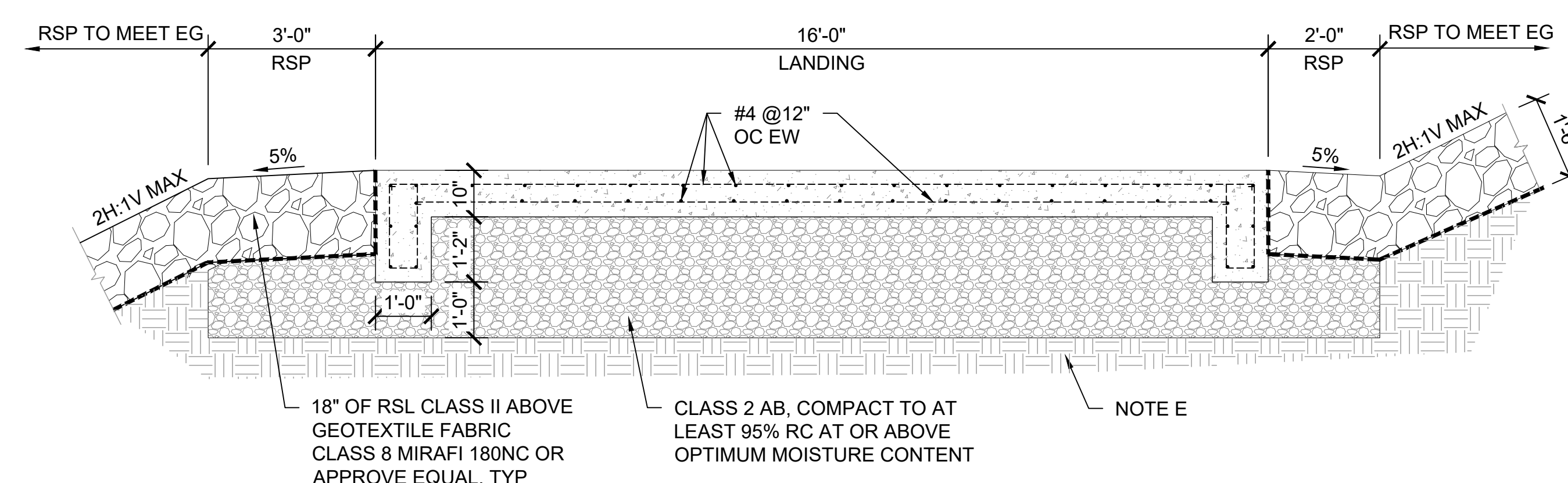
13 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/2" = 1'-0"



14 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/2" = 1'-0"



15 GRADING & PAVING SECTION 13 - SAN GREGORIO SB

SCALE@22X34 1/2" = 1'-0"

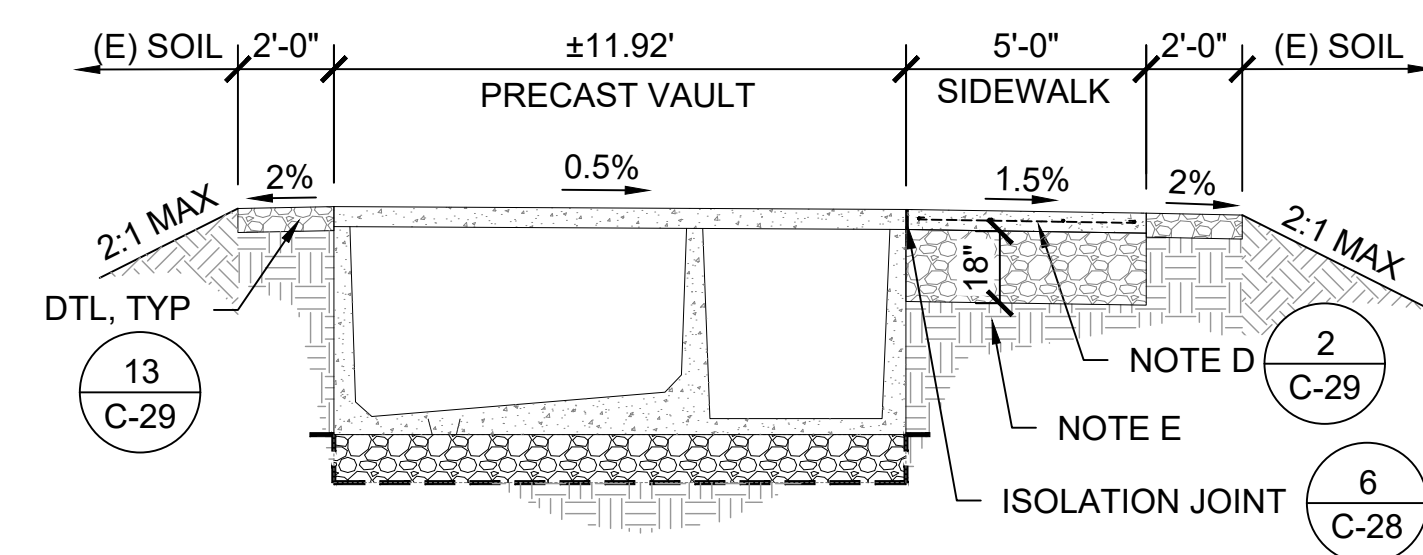
NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
D. 5" PCC ON CLASS 2 AB, PER GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-29. REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-29.
F. 6" AGGREGATE PAVING ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
G. GRADING PER PLAN SHEET C-2 THROUGH C-21
H. SOIL CONDITIONS VARY AT EACH SITE LOCATION. SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
- PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
- CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
- SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022 AND REVISED JANUARY 5, 2023

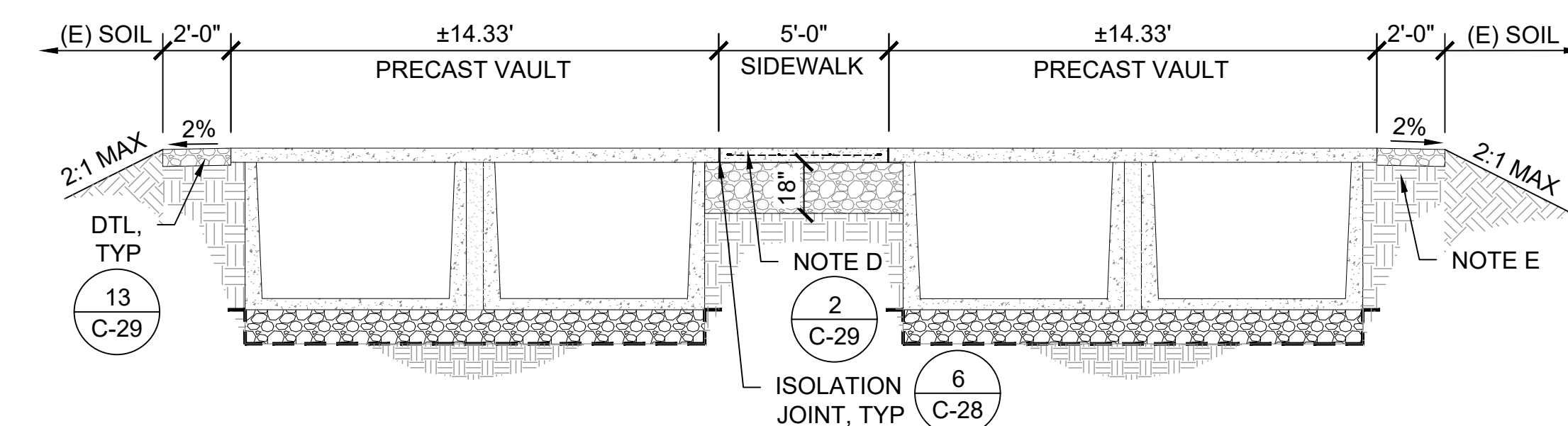
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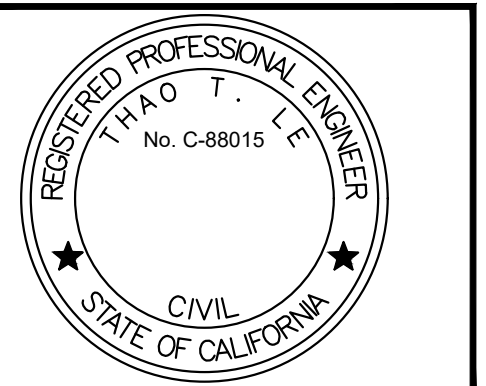
FACILITIES AND DEVELOPMENT DIVISION



16 GRADING & PAVING SECTION - SAN GREGORIO SB
SCALE@22X34 1/4" = 1'-0"



17 GRADING & PAVING SECTION - SAN GREGORIO SB
SCALE@22X34 1/4" = 1'-0"



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION
NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- D. 5" PCC ON CLASS 2 AB, PER GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-29. REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-29.
- F. 6" AGGREGATE PAVING ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
- G. GRADING PER PLAN SHEET C-2 THROUGH C-21
- H. SOIL CONDITIONS VARY AT EACH SITE LOCATION, SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
- PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
- CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
- SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022 AND REVISED JANUARY 5, 2023

SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT

GRADING & PAVING SECTIONS 3

206279.027

SHEET NO.
C-24
027 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-24 GRADING & PAVING SECTIONS 3.dwg Layout: C-24 Grading & Paving Sections 3_San Gregorio Date: October 30 2023 - 1:34 pm User: tle



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

SAN GREGORIO STATE BEACH
 VAULT RESTROOM REPLACEMENT
ACCESSIBLE PARKING & CONCRETE JOINT DETAILS

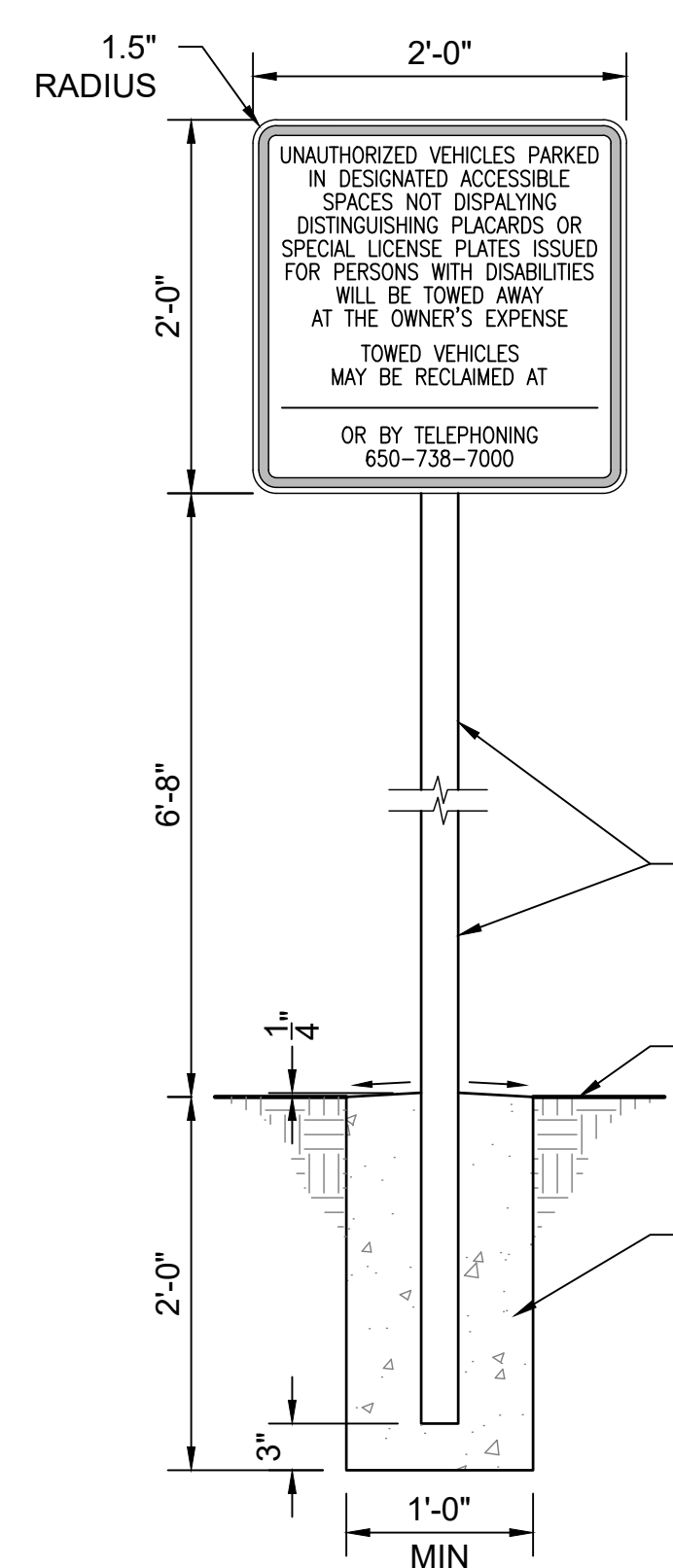
206279.031

SHEET NO.

C-28

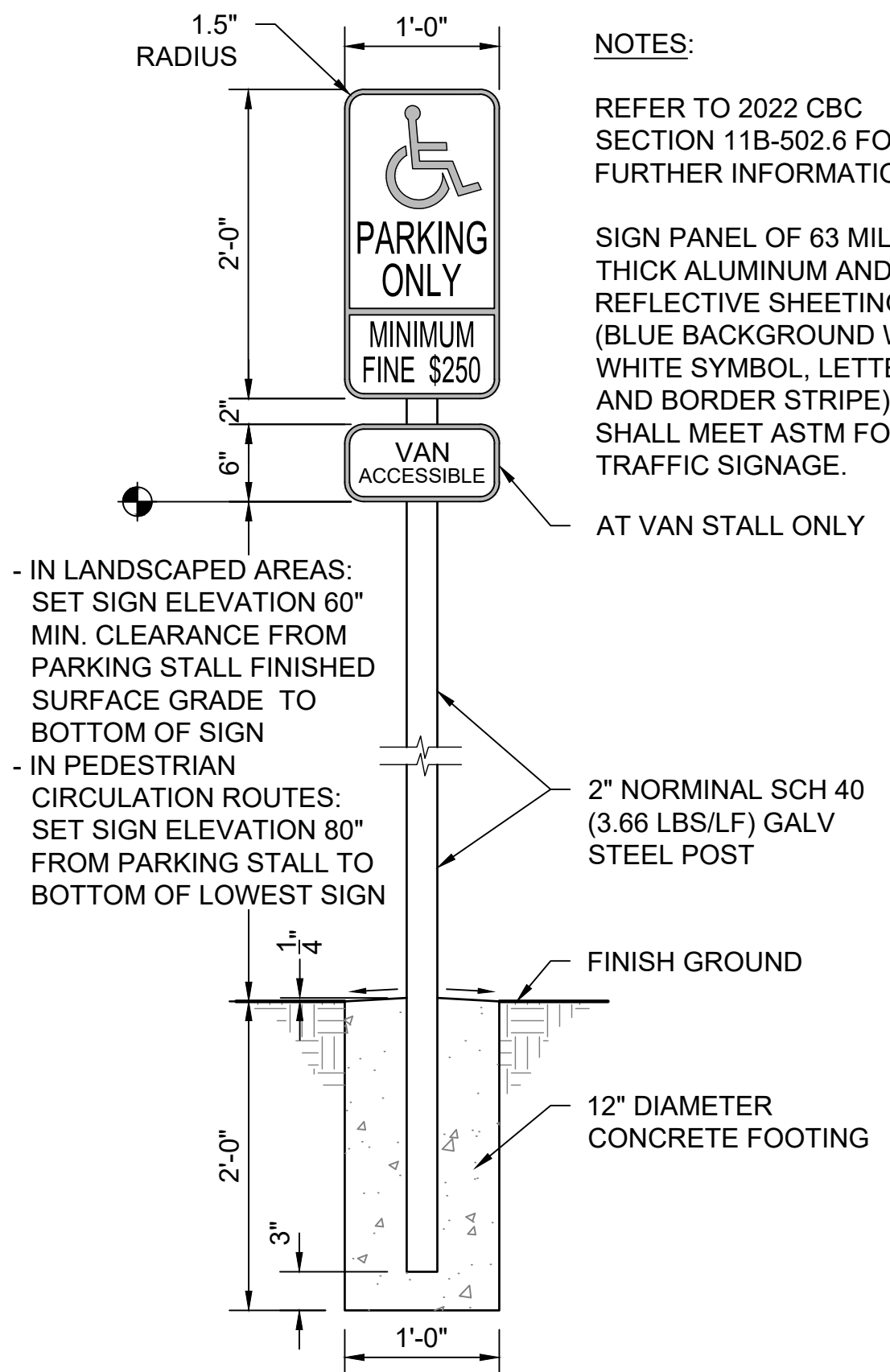
031 OF 038

NOTES:
(650)-738-7000 = SAN MATEO DISTRICT PUBLIC SAFETY OFFICE
REFER TO 2022 CBC SECTION 11B-502.8 FOR FURTHER INFORMATION
SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (WHITE BACKGROUND WITH BLACK SYMBOL, LETTERS, NUMBERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE. LETTERS AND NUMBERS SHALL HAVE A MINIMUM HEIGHT OF 1".



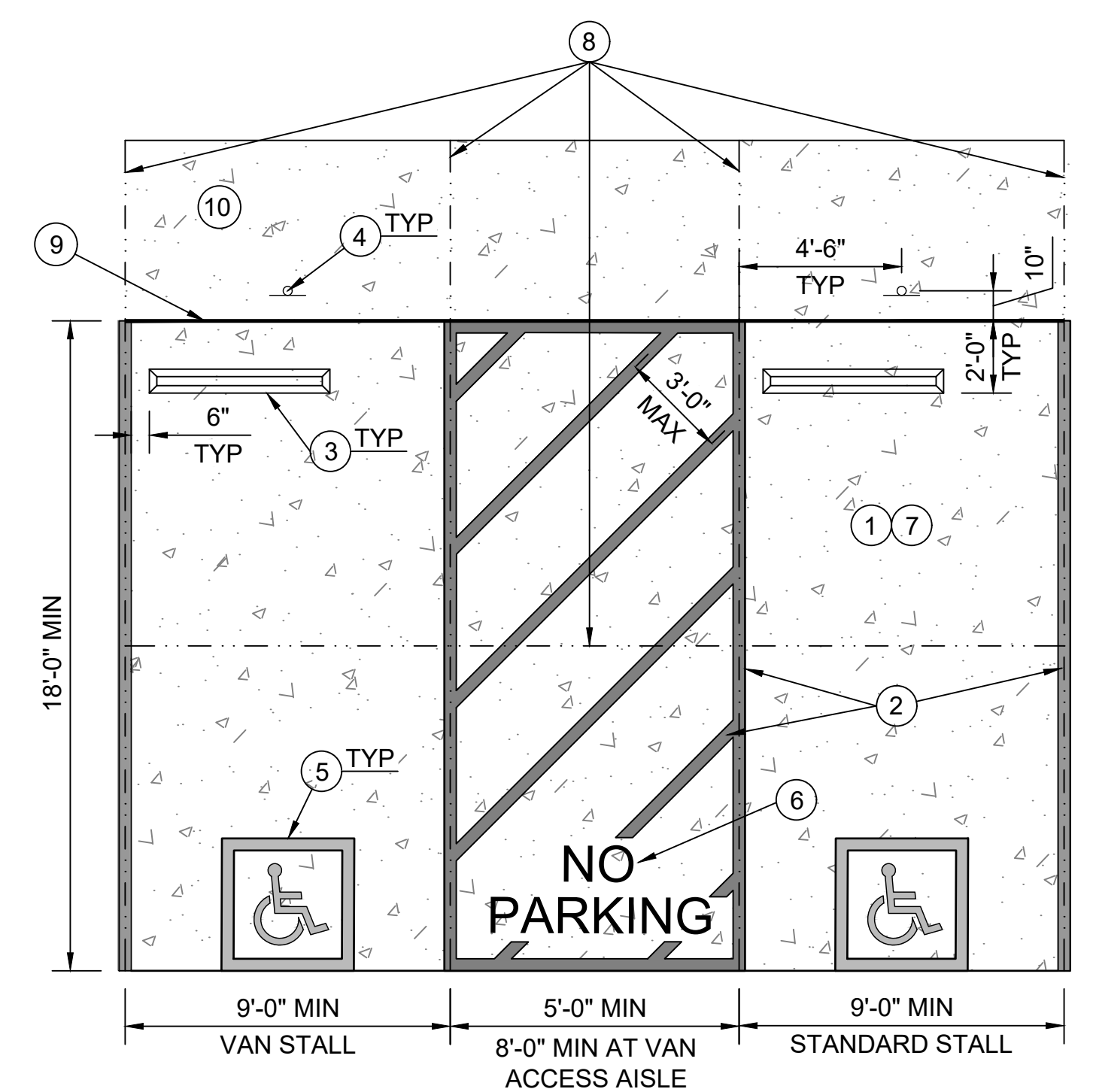
3 TOW-AWAY SIGN
SCALE@22X34 1" = 1'-0"

NOTES:
REFER TO 2022 CBC SECTION 11B-502.6 FOR FURTHER INFORMATION
SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (BLUE BACKGROUND W/ WHITE SYMBOL, LETTERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE.

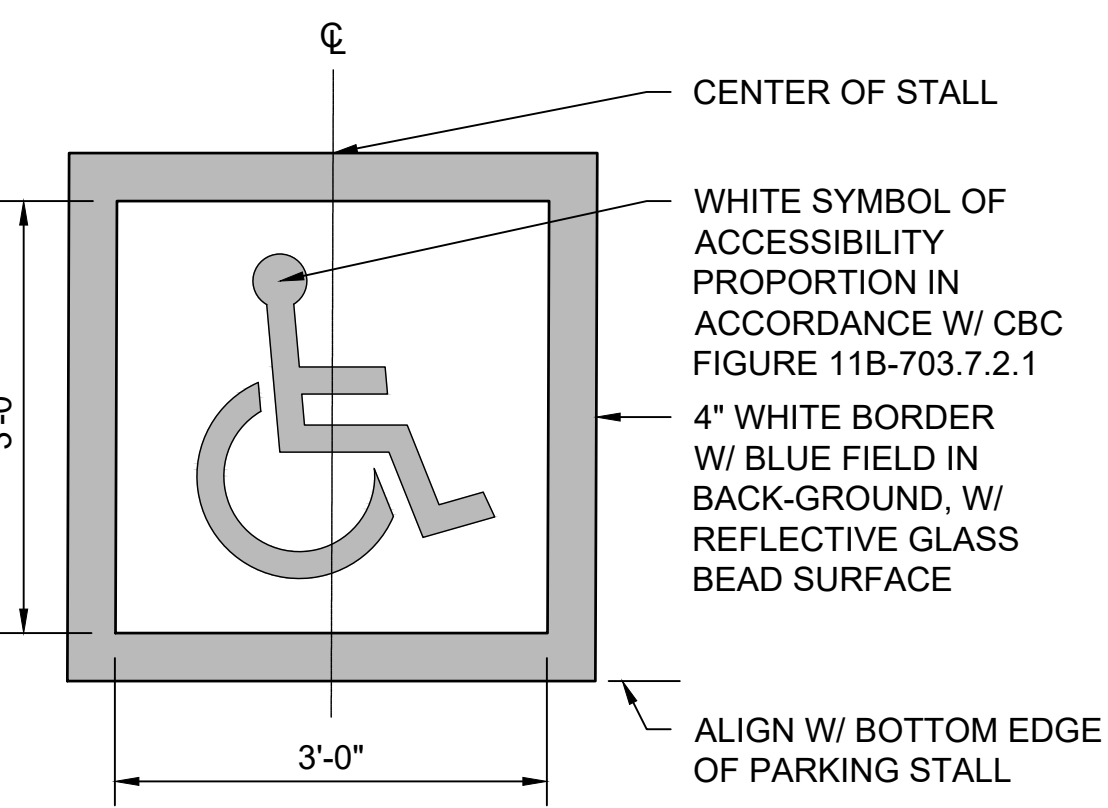


2 ACCESSIBLE PARKING SIGN
SCALE@22X34 1" = 1'-0"

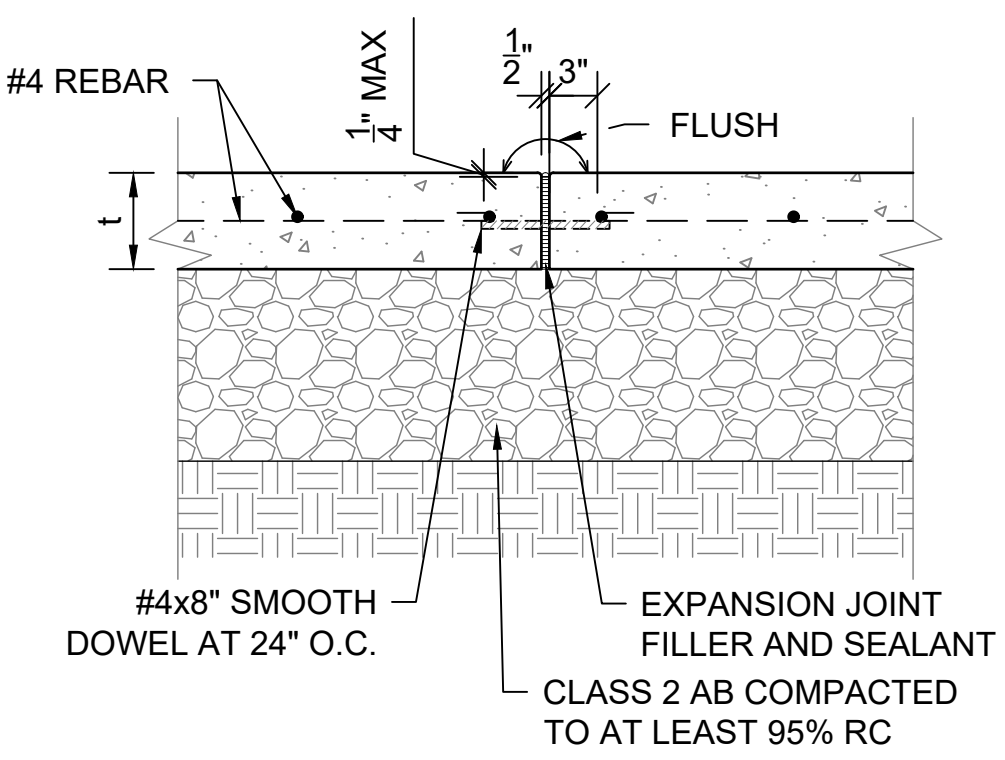
NOTES:
1 PARKING PAD TO BE CIP CONC PER DETAIL 1 ON SHEET C-29
2 4" WIDE PAINTED BLUE LINES, TYP 45 DEGREE LINES SHALL BE 36" MAX OC
3 INSTALL CONC WHEEL STOPS PER DETAIL 9 ON THIS SHEET
4 INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 2 ON THIS SHEET
5 INSTALL ACCESSIBLE SYMBOL PER DETAIL 4 ON THIS SHEET
6 "NO PARKING" TEXT SHALL BE PAINTED ON THE GROUND IN WHITE PAINT NO LESS THAN 12 INCHES PER CBC SECTION 11B.502.3.3 "MARKING"
7 ACCESSIBLE PARKING STALLS TO HAVE A MAX 1.8% SLOPE IN ANY DIRECTION, REFER TO 2022 CBC SECTION 11B-502 FOR FURTHER INFORMATION.
8 CONTRACTION JOINTS PLACED IN SAME LOCATION AS PARKING STALL JOINTS, AND PLACED AT MIDWAY OF STALL, PER DETAIL 7 ON THIS SHEET
9 EXPANSION JOINT PER DETAIL 5 ON THIS SHEET
10 SIDE WALK TO BE CIP CONC PER DETAIL 2 ON SHEET C-29



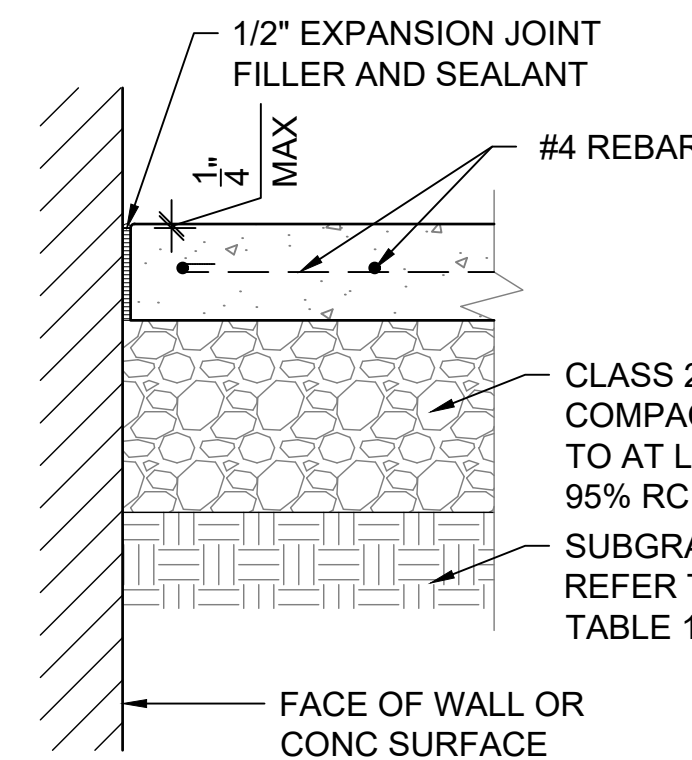
1 ACCESSIBLE PARKING STALLS - TYPICAL
SCALE@22X34 1/4" = 1'-0"



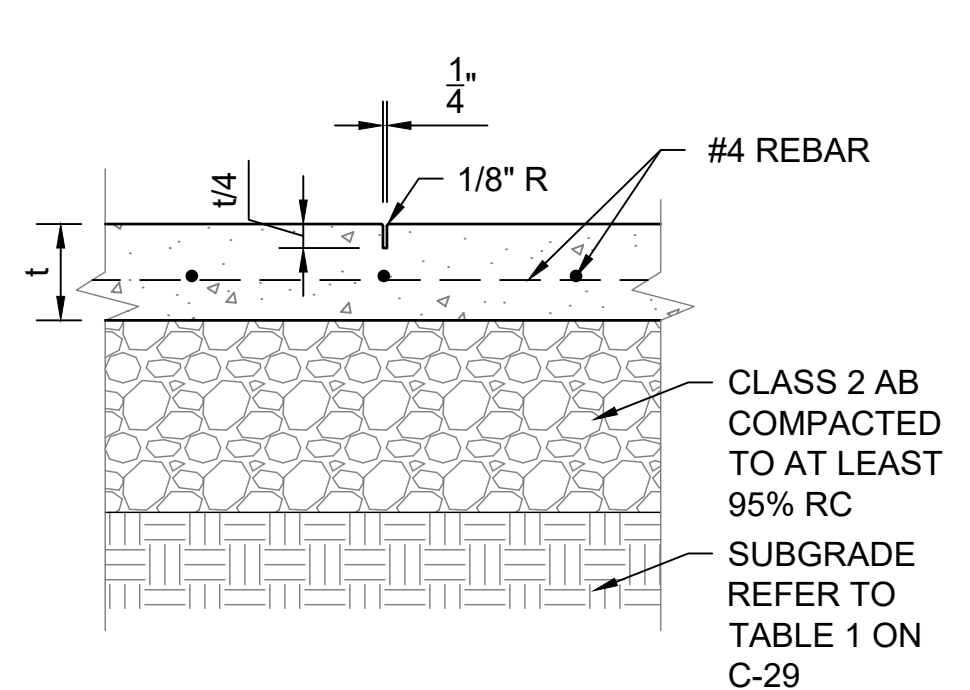
4 INTERNATIONAL SYMBOL OF ACCESSIBILITY
SCALE@22X34 3/4" = 1'-0"



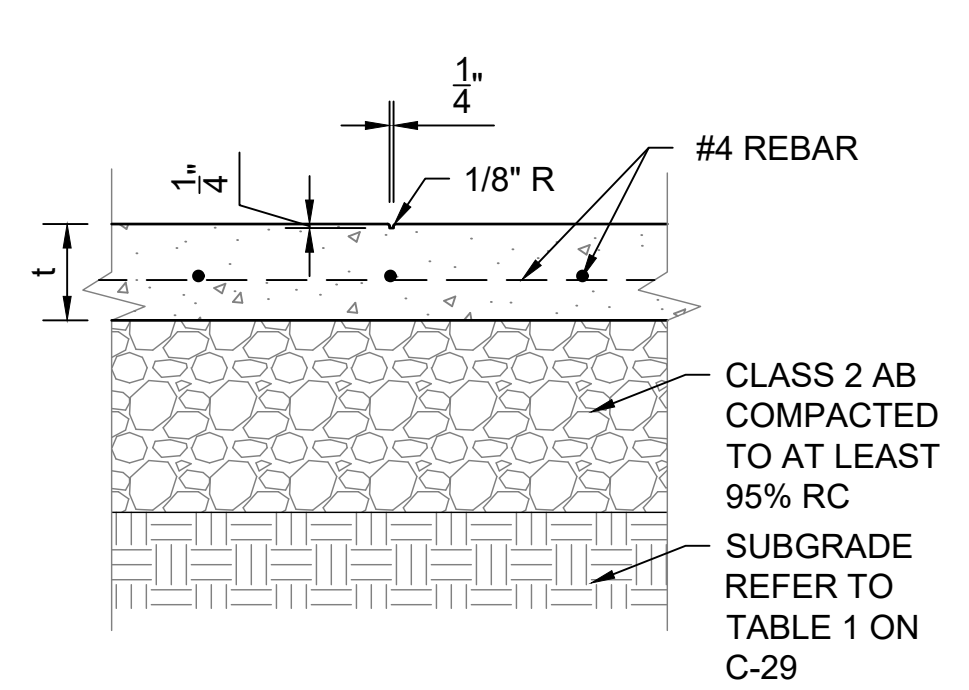
5 EXPANSION JOINT
SCALE@22X34 1" = 1'-0"



6 ISOLATION JOINT
SCALE@22X34 1" = 1'-0"

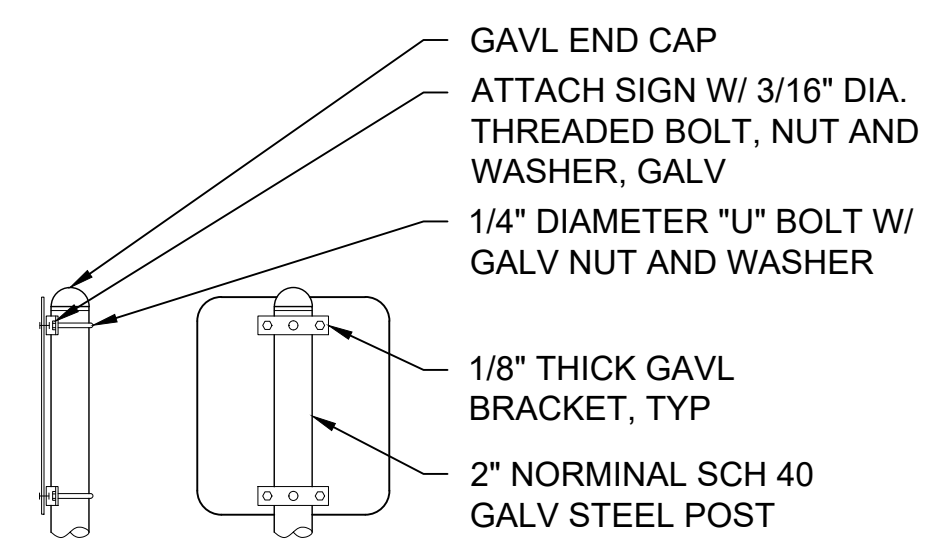


7 CONTRACTION JOINT
SCALE@22X34 1" = 1'-0"

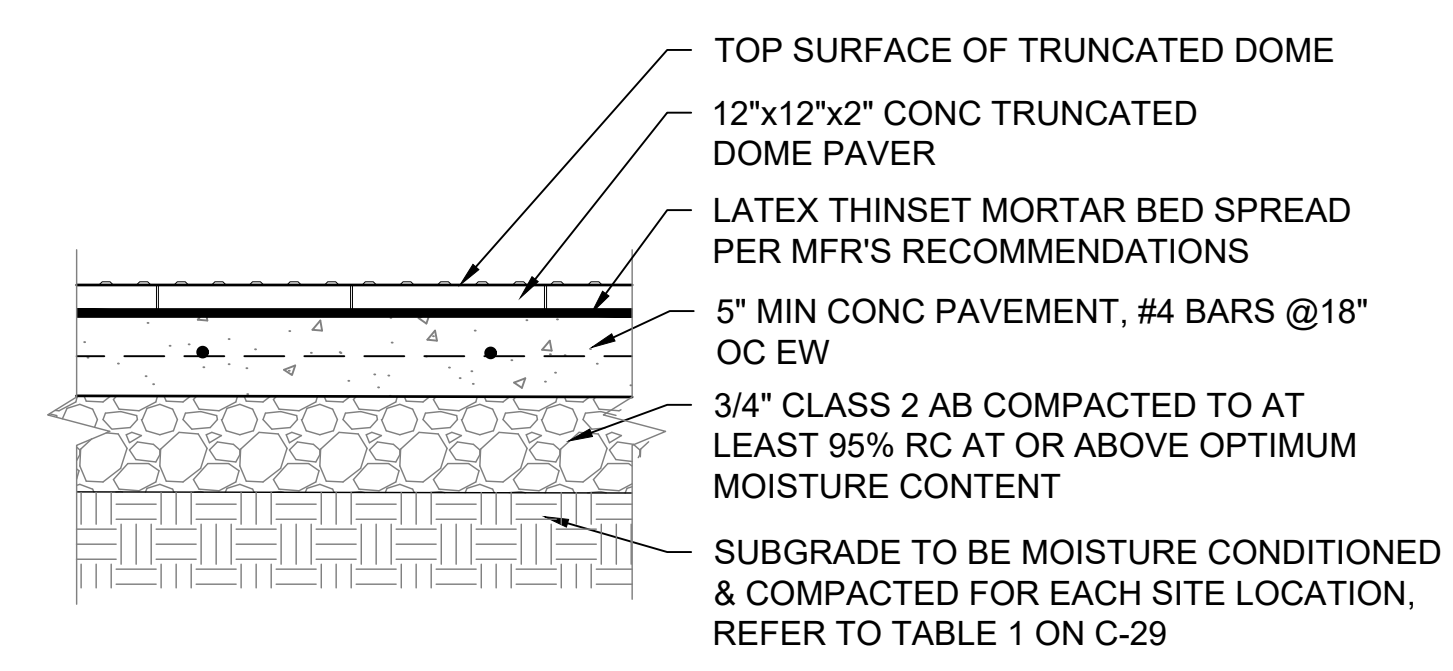


8 SCORE JOINT
SCALE@22X34 1" = 1'-0"

NOTES:
1. "VAN ACCESSIBLE" PARKING STALL SIGN SHALL BE INSTALLED AT LOCATION SHOWN ON DETAIL 1 THIS SHEET
2. CENTER SIGNS ON PARKING STALLS
3. VERIFY SIGN LOCATION PRIOR TO INSTALLATION WITH THE STATE REPRESENTATIVE
4. BORDER SYMBOLS AND LETTERING TO BE REFLECTIVE

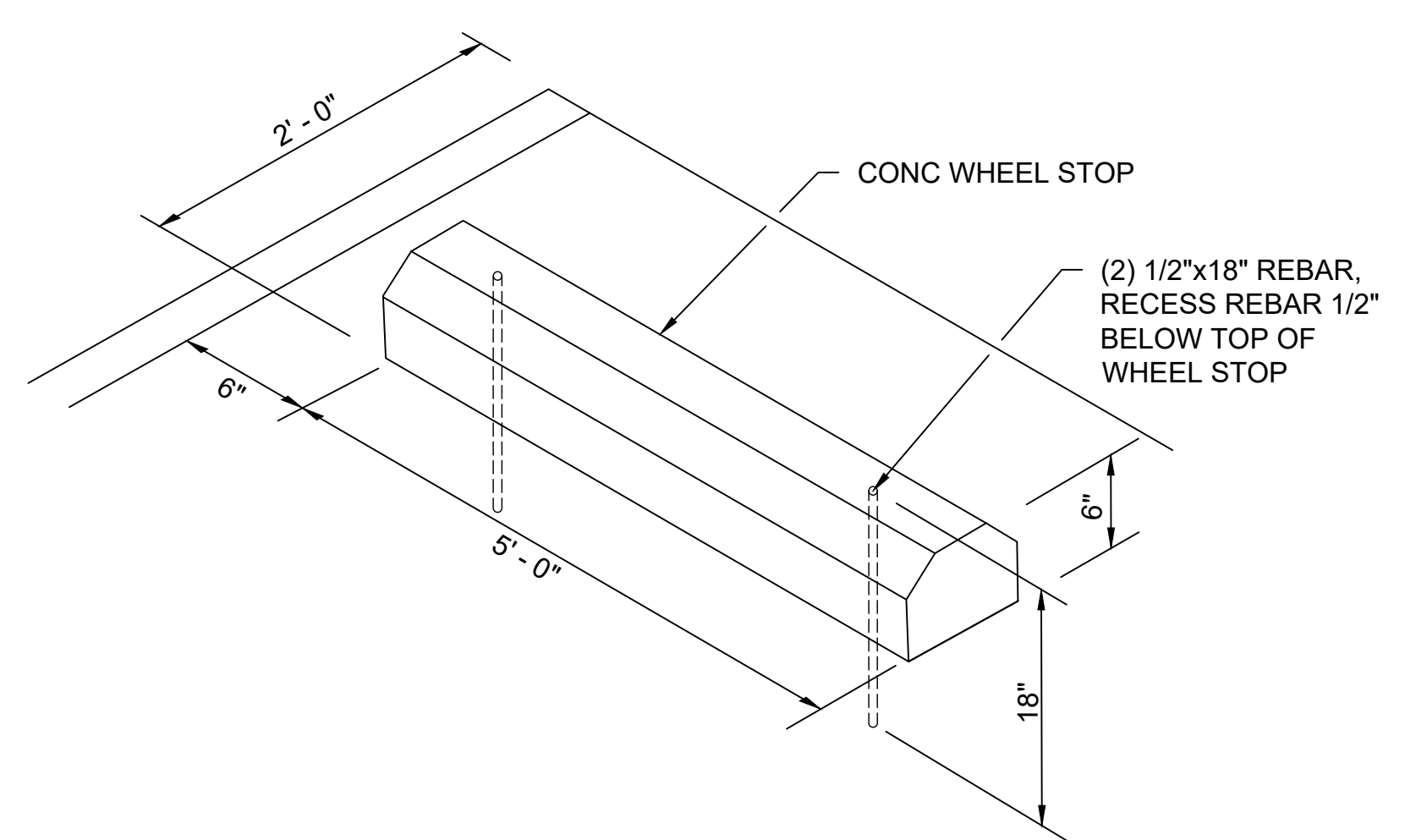


SIDE VIEW BACK VIEW
11 SIGN INSTALLATION
SCALE@22X34 1" = 1'-0"



NOTES:
1. CONC SLAB SHALL BE SLOPED TO PROVIDE COMPLETE SURFACE DRAINAGE.
2. SEE SPECIFICATION FOR CONC PAVING FINISH
3. SWEEP JOINTS WITH SAND OR GROUT
4. TRUNCATED DOME PAVER TO BE WAUSAU DOME TILE/ADA-50 OR EQUAL.
5. TRUNCATED DOME PAVER SHALL MEET FLUSH W/ ADJACENT FINISH SURFACE.
6. TRUNCATED DOME PAVER SHALL COMPLY W/ CBC 2022 SECTION 11B-705.1 THROUGH 705.1.1.3.2

10 TRUNCATED DOME PAVER
SCALE@22X34 1" = 1'-0"



9 CONCRETE WHEEL STOP
SCALE@22X34 1" = 1'-0"

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_tr_replacement\05_drawings\Civil\C-28 ACCESSIBLE PARKING & CONCRETE JOINT DETAILS.dwg Layout: C-28 ADA Parking & Conc Joint Dets_Pescadero-N Date: August 29 2023 - 3:07 pm User: tle



FACILITIES AND DEVELOPMENT DIVISION



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
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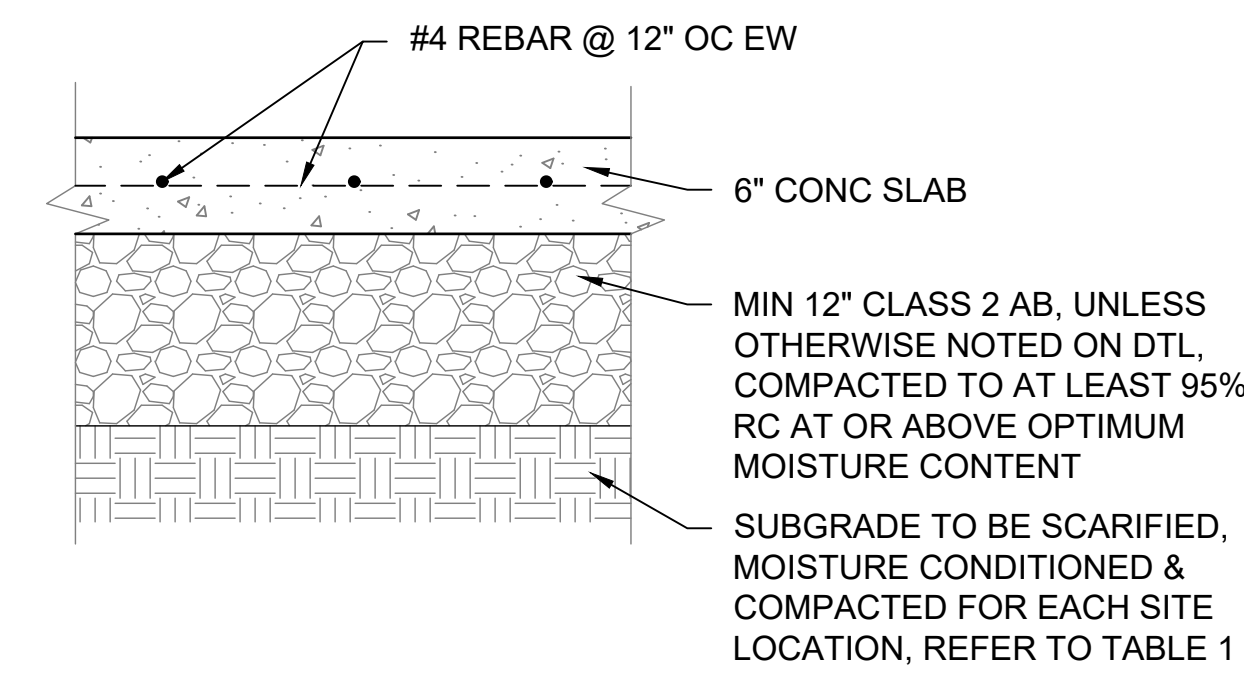
DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

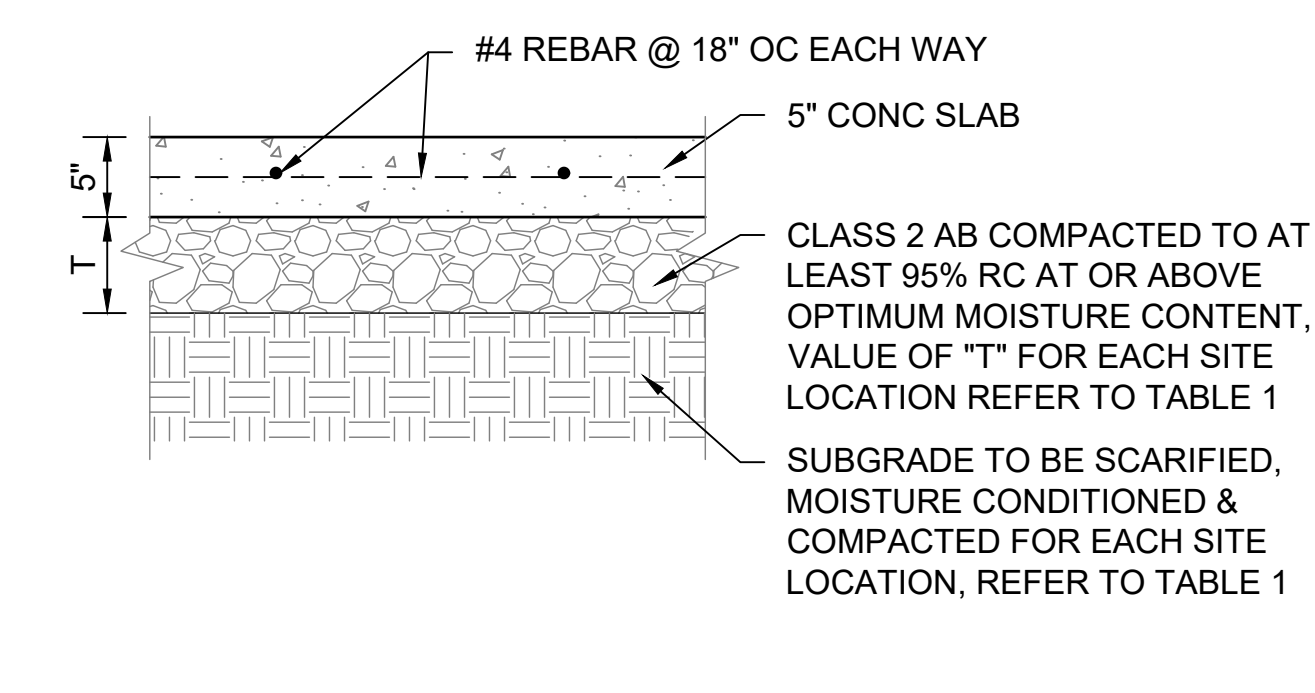
SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT
SITE PAVING DETAILS

206279.032

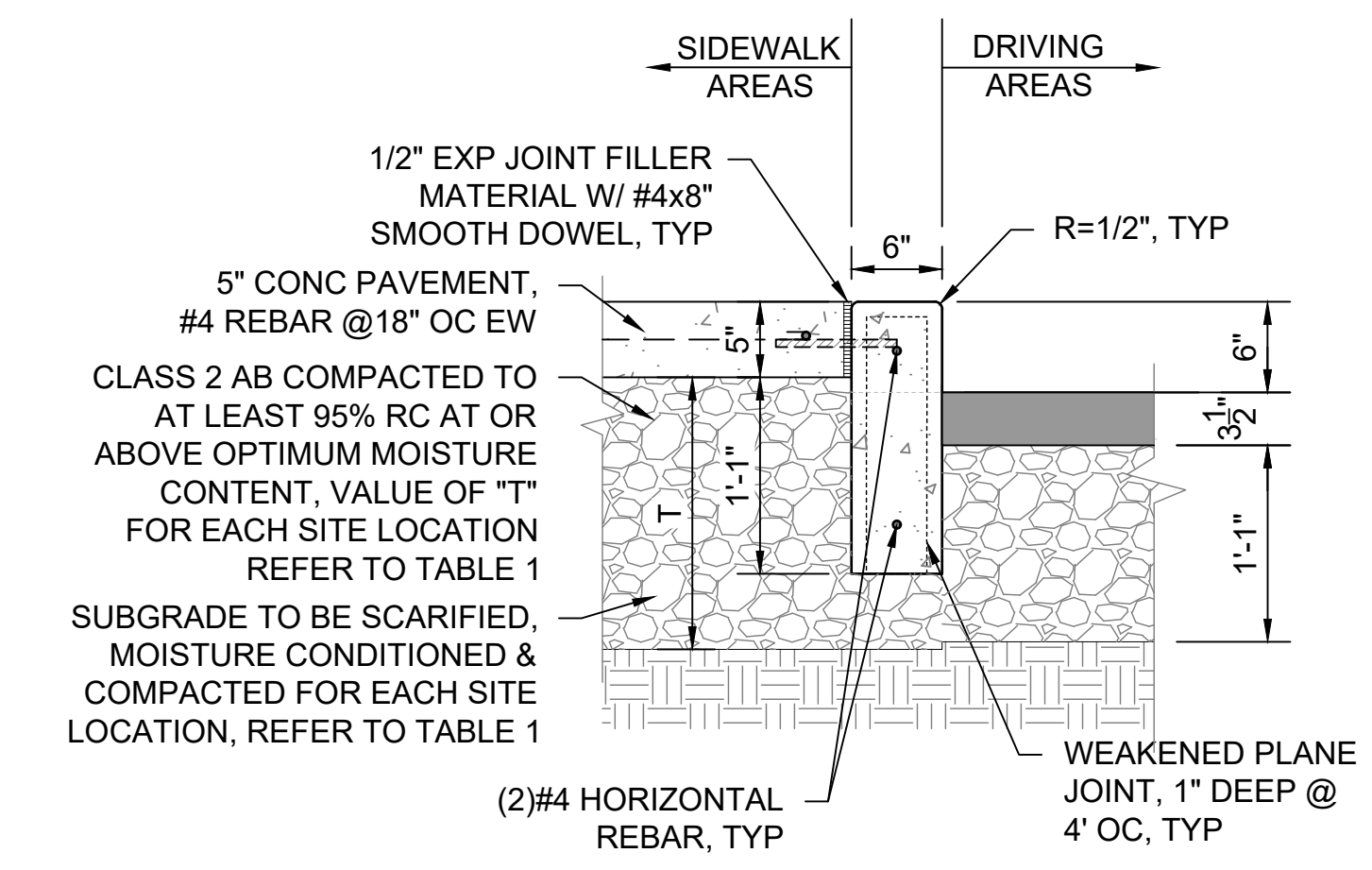
SHEET NO.
C-29
032 OF 038



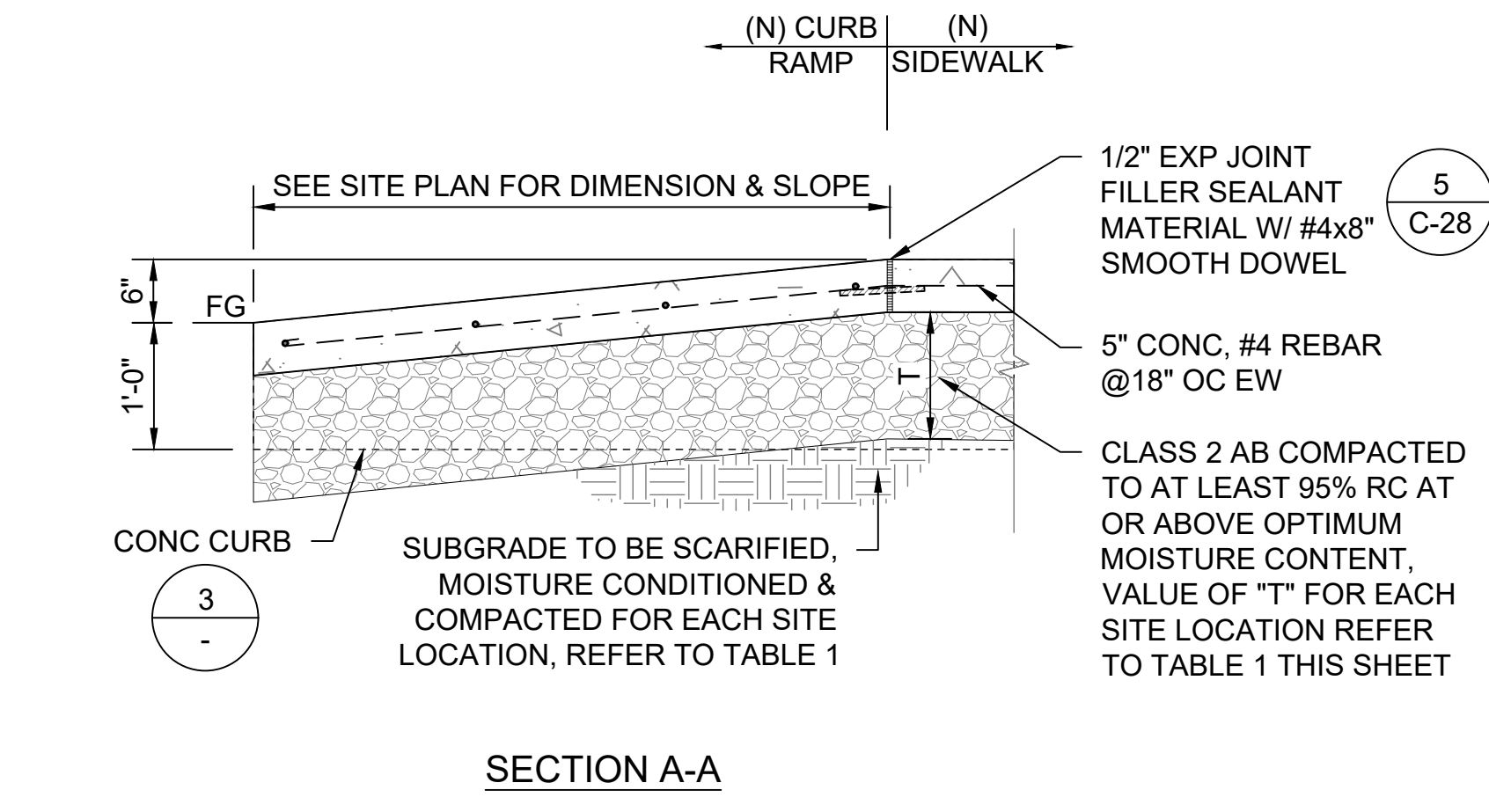
1 CONCRETE PARKING & DRIVING SLAB
SCALE@22X34 1" = 1'-0"



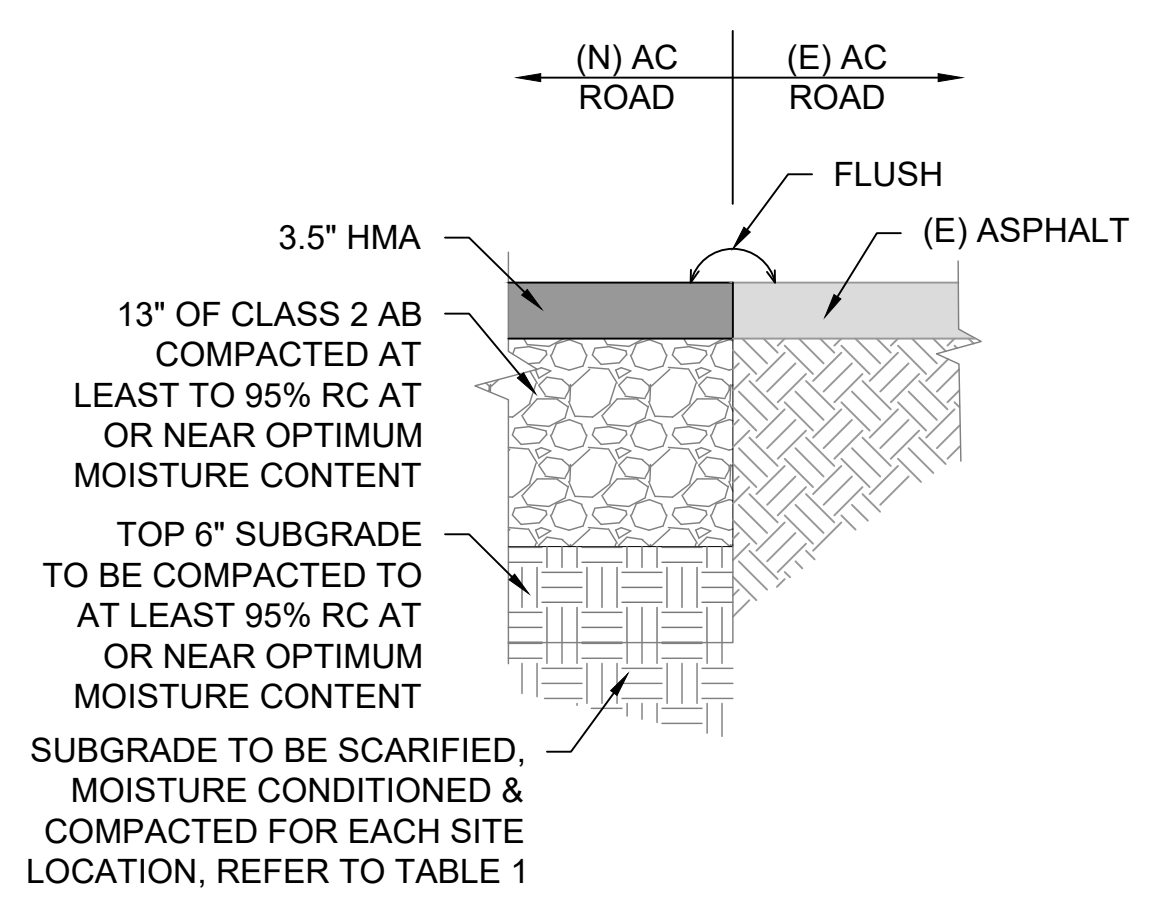
2 CONCRETE SIDEWALK & PICNIC PAD
SCALE@22X34 1" = 1'-0"



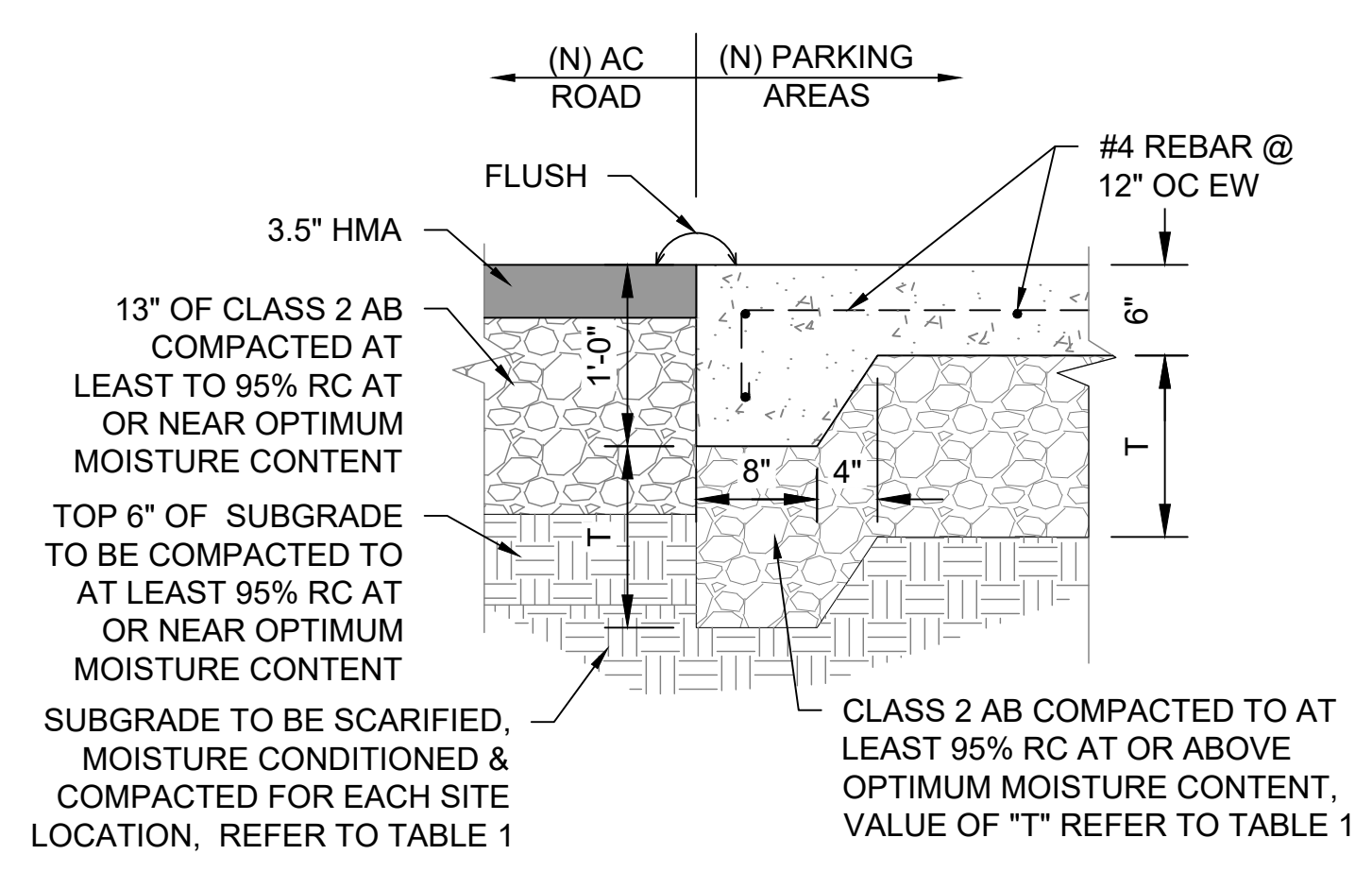
3 CONCRETE CURB
SCALE@22X34 1" = 1'-0"



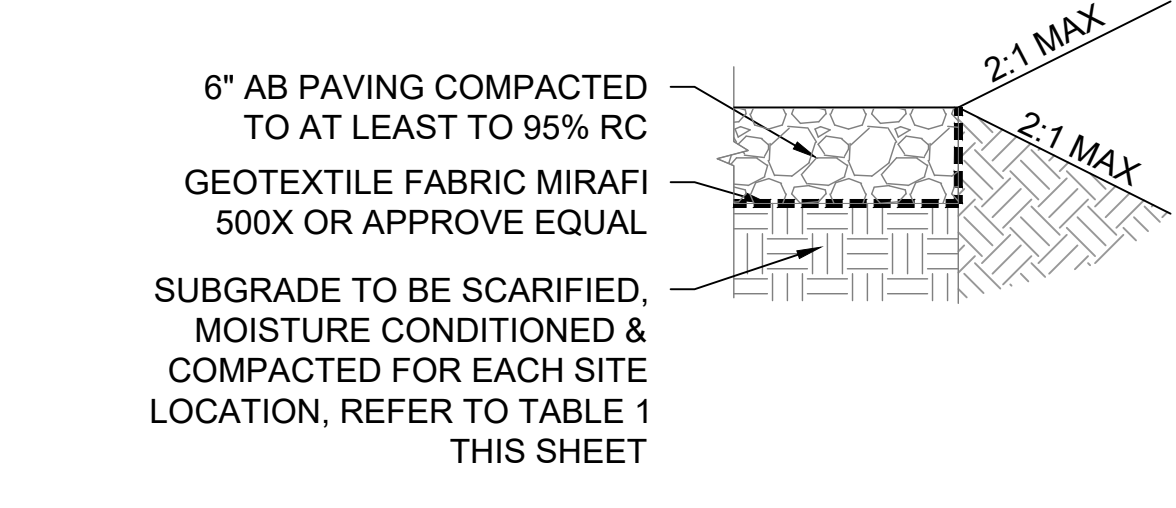
4 CONCRETE CURB RAMP TYPICAL
SCALE@22X34 3/4" = 1'-0"



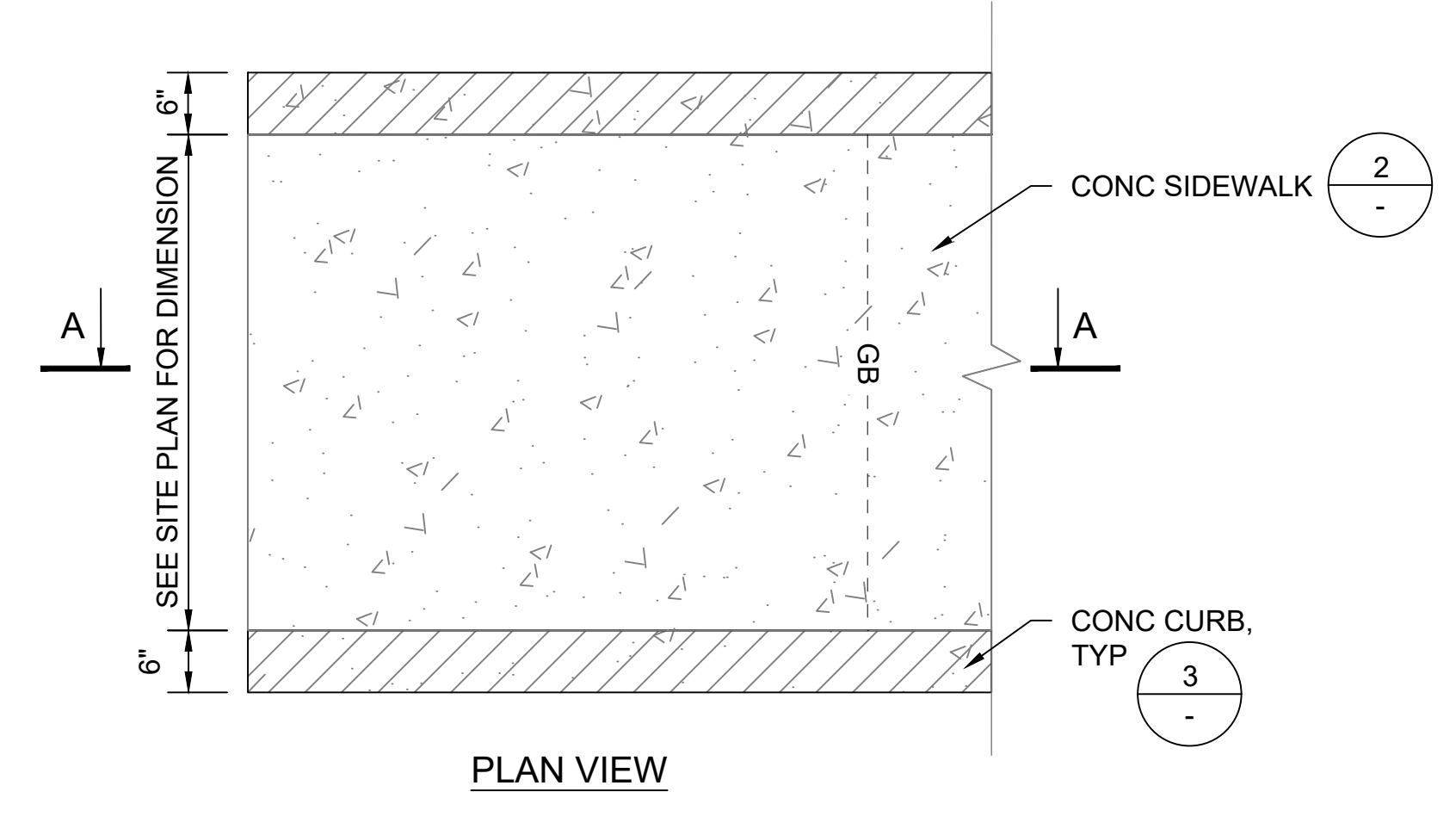
5 (N) AC TO (E) AC PAVING
SCALE@22X34 1" = 1'-0"



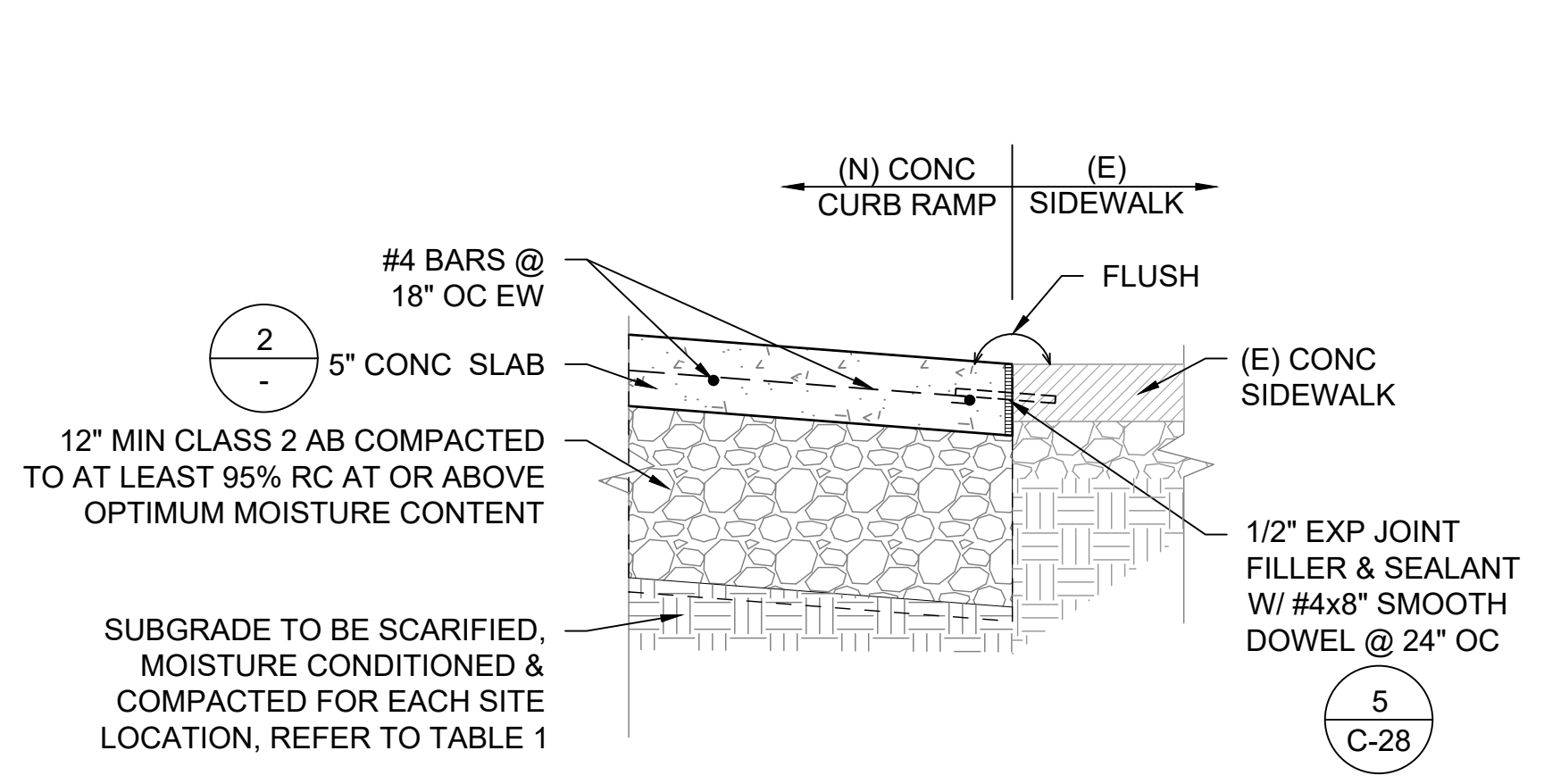
6 (N) CONC PARKING TO (N) AC PAVING
SCALE@22X34 1" = 1'-0"



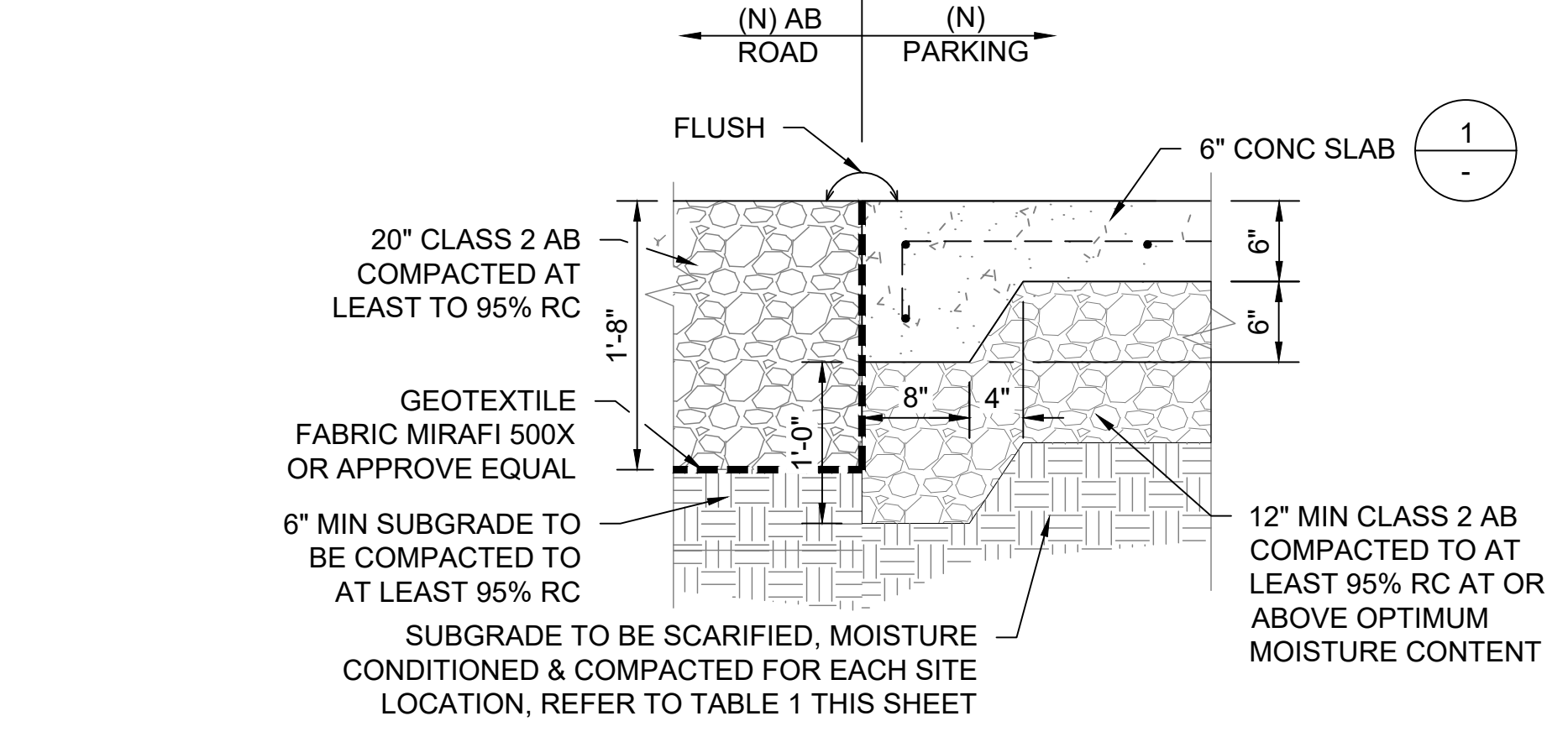
7 AGGREGATE PAVING PATH @ PICNIC AREA
SCALE@22X34 1" = 1'-0"



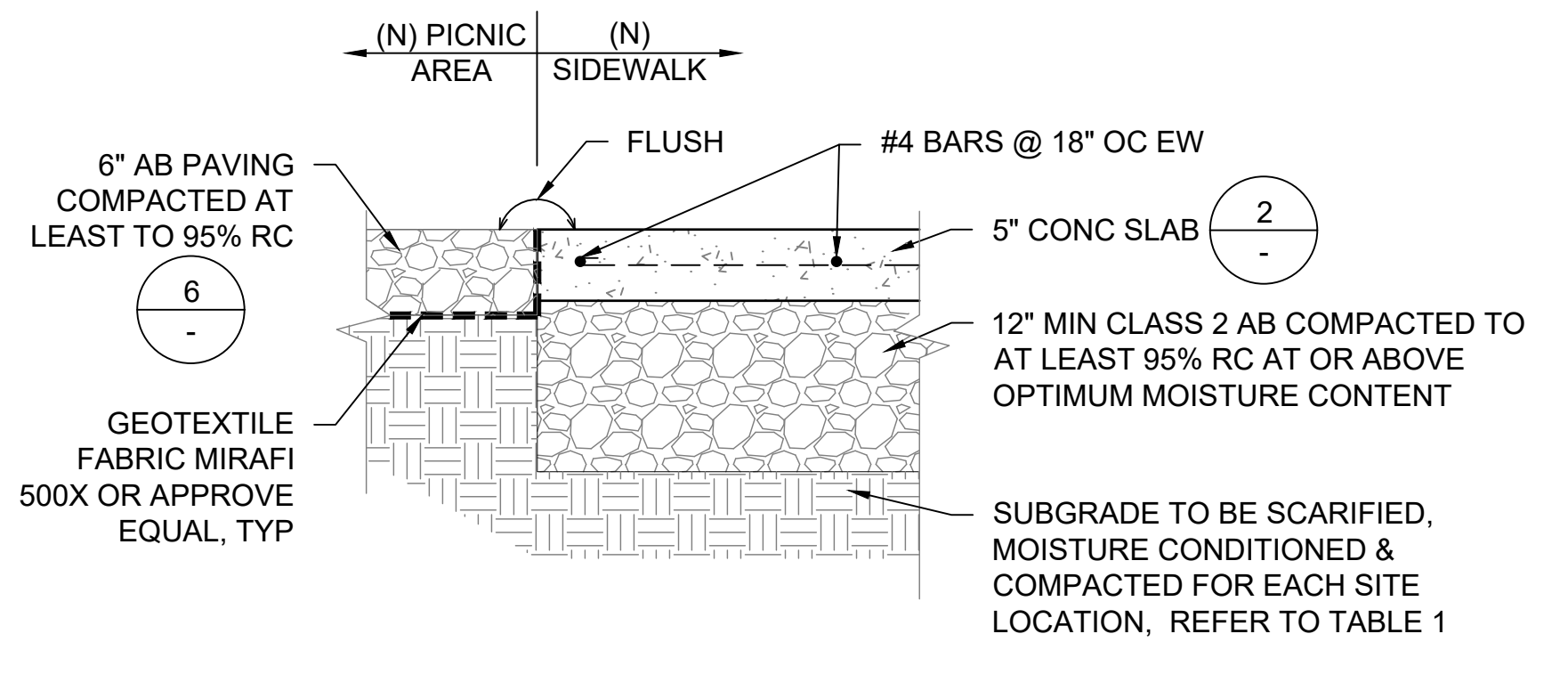
8 CONCRETE CURB RAMP TYPICAL
SCALE@22X34 3/4" = 1'-0"



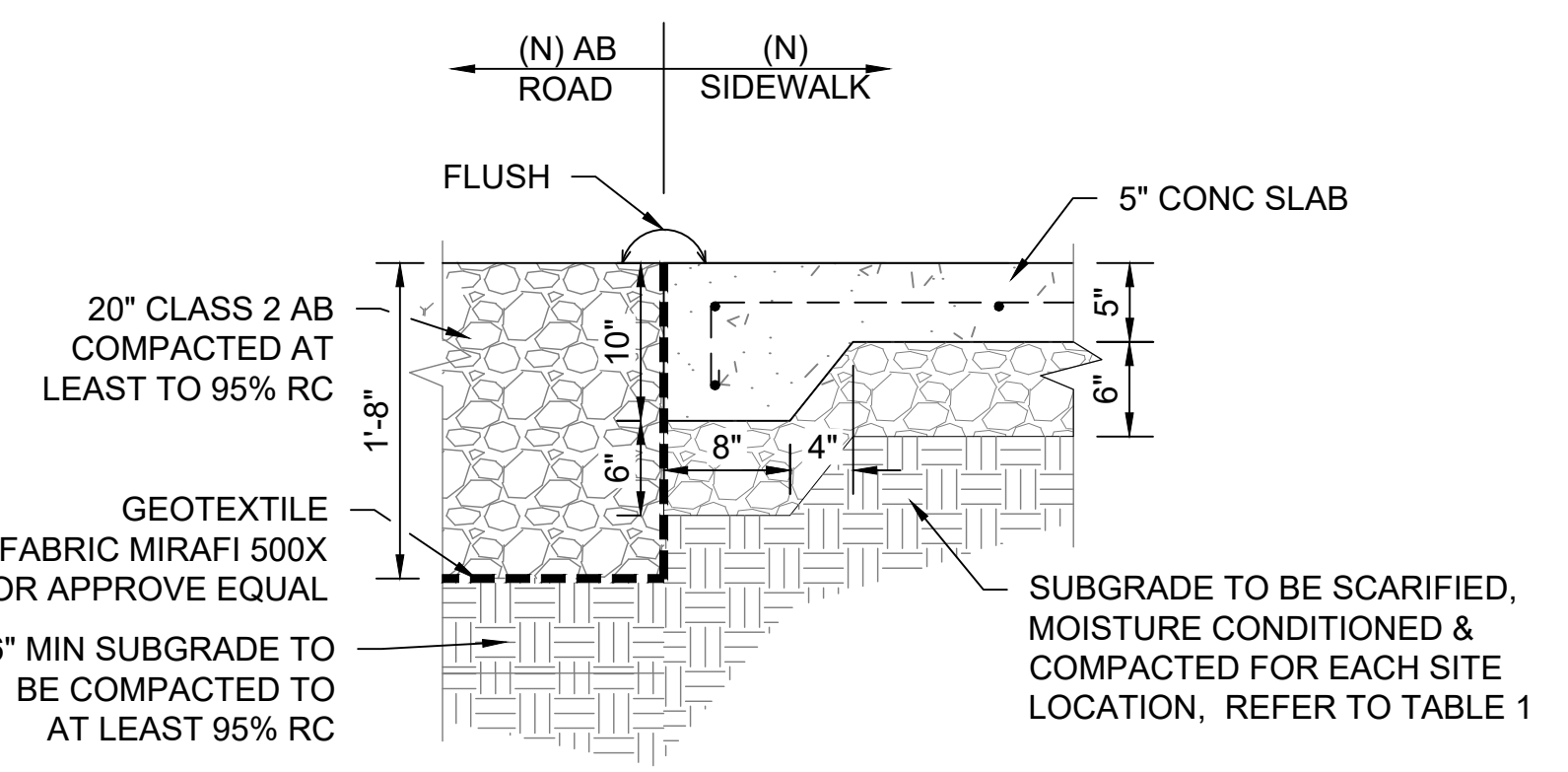
9 (N) CONC SIDEWALK TO (E) CONC PAVING
SCALE@22X34 1" = 1'-0"



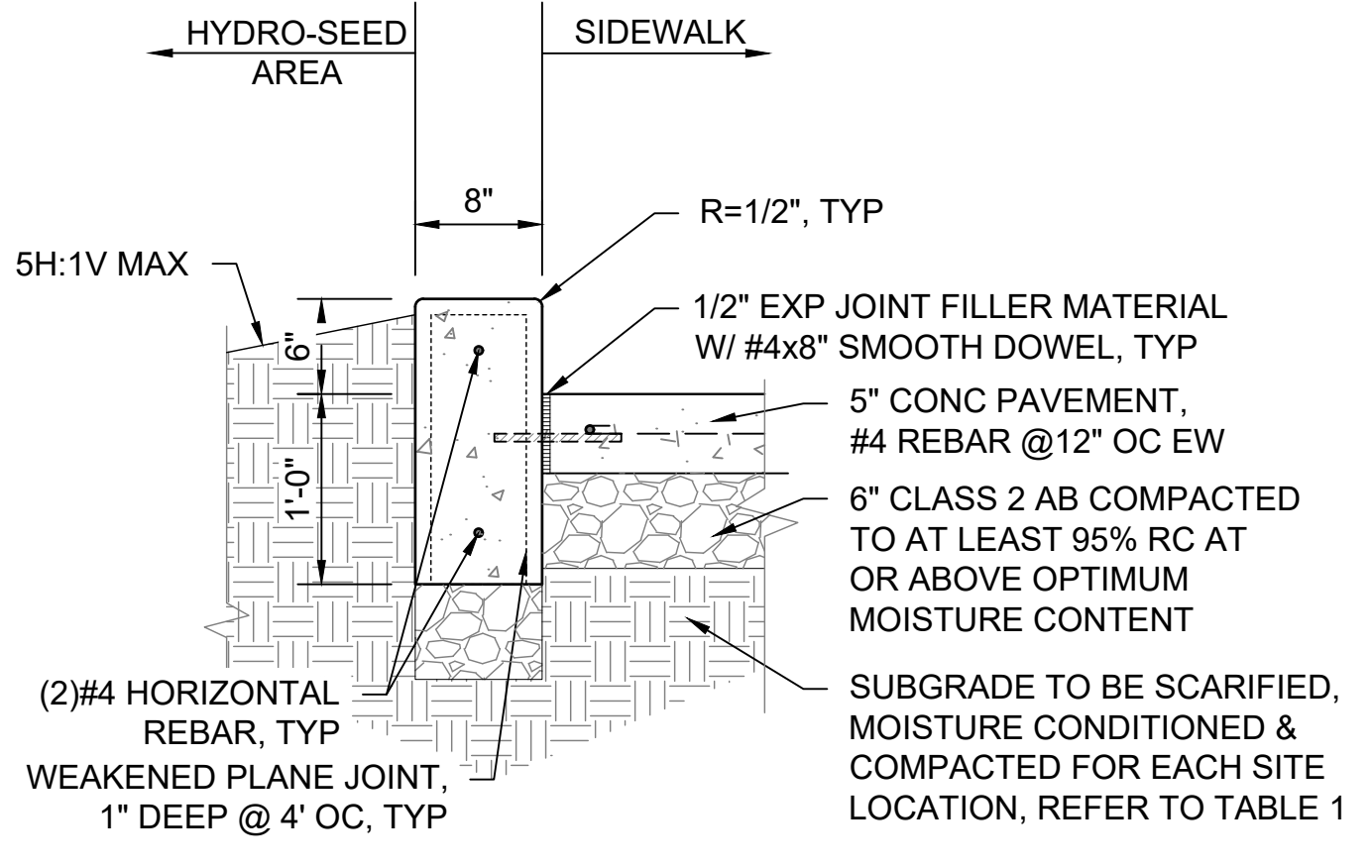
10 (N) CONC PARKING TO (N) AB PAVING
SCALE@22X34 1" = 1'-0"



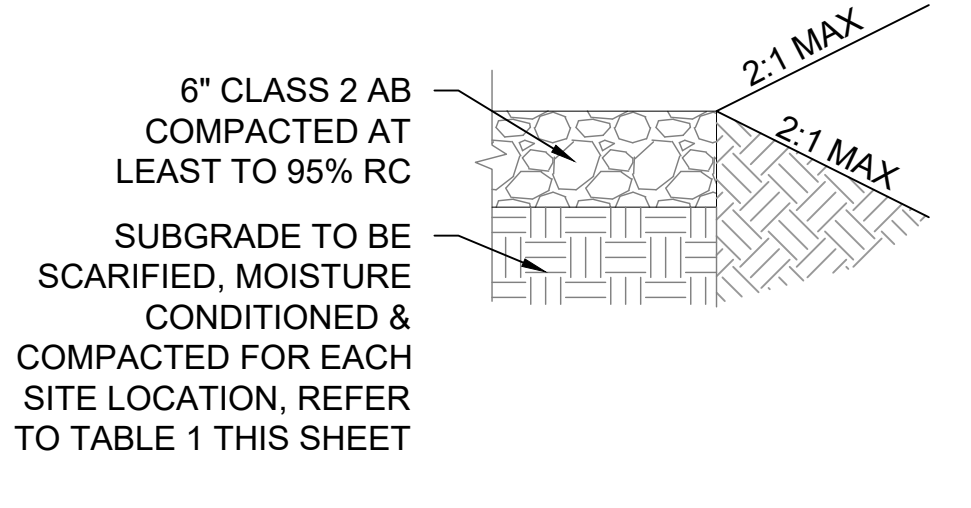
11 (N) CONC SIDEWALK TO (N) AB PAVING PATH
SCALE@22X34 1" = 1'-0"



12 (N) CONC SIDEWALK TO (N) AB ROAD
SCALE@22X34 1" = 1'-0"



13 CONC CURB TYPE 2
SCALE@22X34 1" = 1'-0"



14 AGGREGATE BASE
SCALE@22X34 1" = 1'-0"

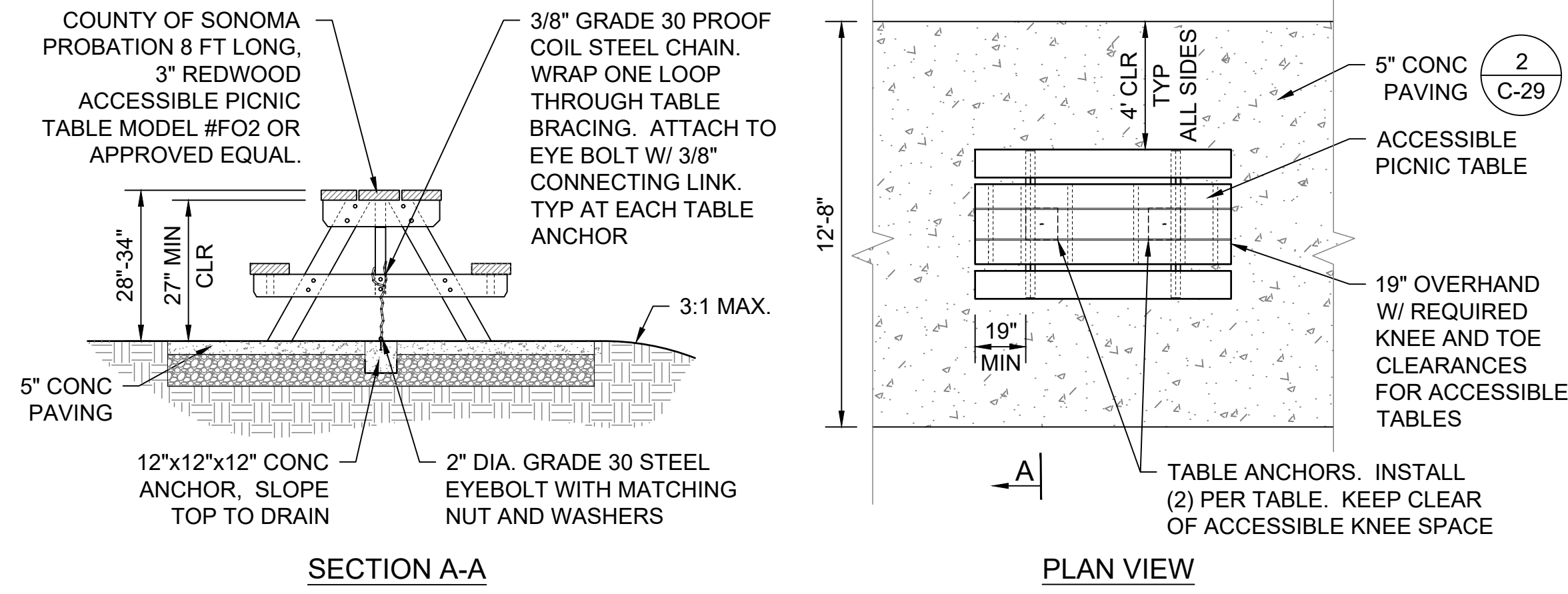
TABLE 1		
PARK NAME	T	SUBGRADE
PESCADERO SB - CENTRAL BEAN HOLLOW SB	6" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT OR ABOVE OPTIMUM CONTENT AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION
BURLEIGH H. MURRAY RANCH PESCADERO SB- NORTH ANO NUEVO GAZOS SP	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 2% ABOVE OPTIMUM & COMPACTED TO AT LEAST 90% RC
COWELL RANCH SB POMPONIO SB	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 3% ABOVE OPTIMUM MOISTURE CONTENT & COMPACTED TO AT LEAST 87% BUT NOT EXCEEDING 92% RELATIVE COMPACTION
SAN GREGORIO SB	18" MIN.	

NOTES:
- "T" = THICKNESS OF CLASS 2 AGGREGATE BASE
- INFORMATION FROM GEOCON GEOTECHNICAL REPORT SECTION 6.5.6 DATED JULY 7, 2022 & REVISED JANUARY 5, 2023

File: Q:\san_gregorio_cruz_districtwide\206279-san_mateo_coast_r_replace\05_drawings\Civil\C-29 SITE PAVING DETAILS.dwg Layout: C-29 Site Paving Dtls_San Gregorio Date: October 30 2023 - 1:48 pm User: tte



FACILITIES AND DEVELOPMENT DIVISION



2 ACCESSIBLE PICNIC TABLE
SCALE@22X34 NTS



DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
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DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR & MP
DATE: _____ OCTOBER 2023

△	REVISIONS	DATE

SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT
PICNIC SITE DETAILS

206279.033

SHEET NO.
C-30
033 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_r_replacement\05_drawings\Civil\C-30 PICNIC SITE DETAILS.dwg Layout: C-30 Picnic Site Details_San Gregorio Date: October 30 2023 - 1:56 pm User: tle



FACILITIES AND DEVELOPMENT DIVISION

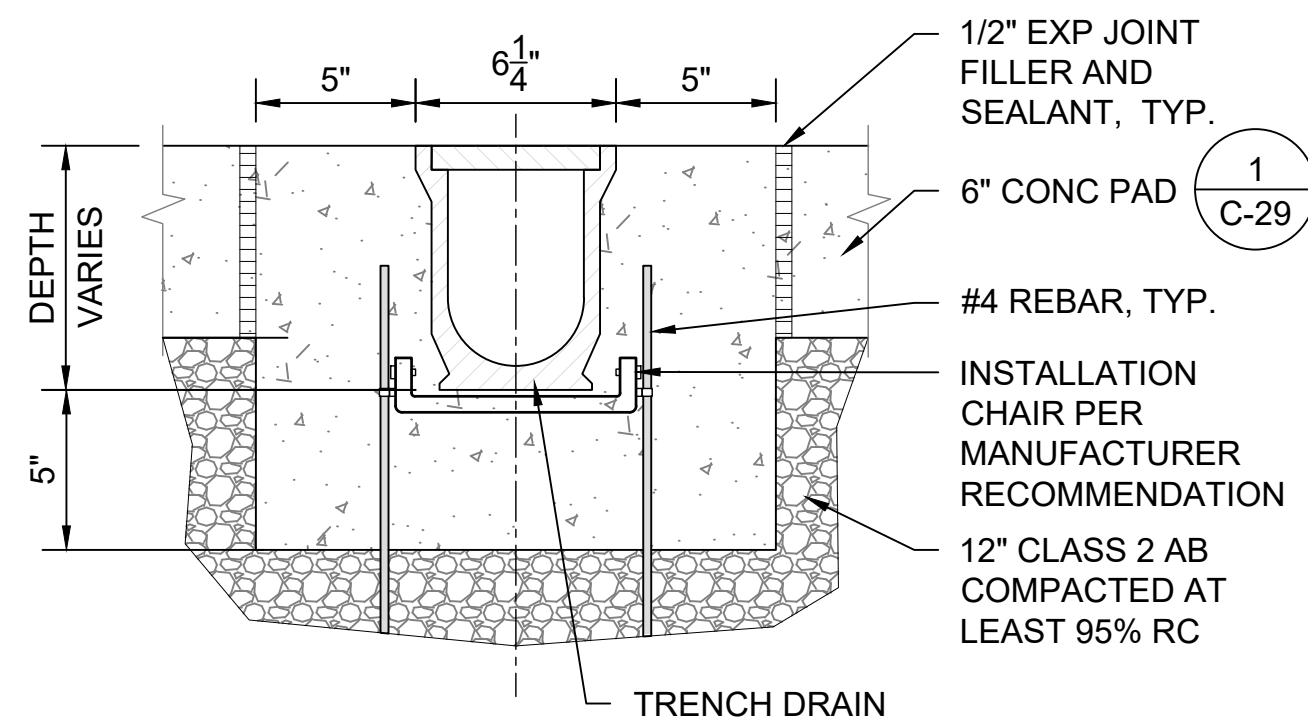


DPR ACCESS COMPLIANCE REVIEW
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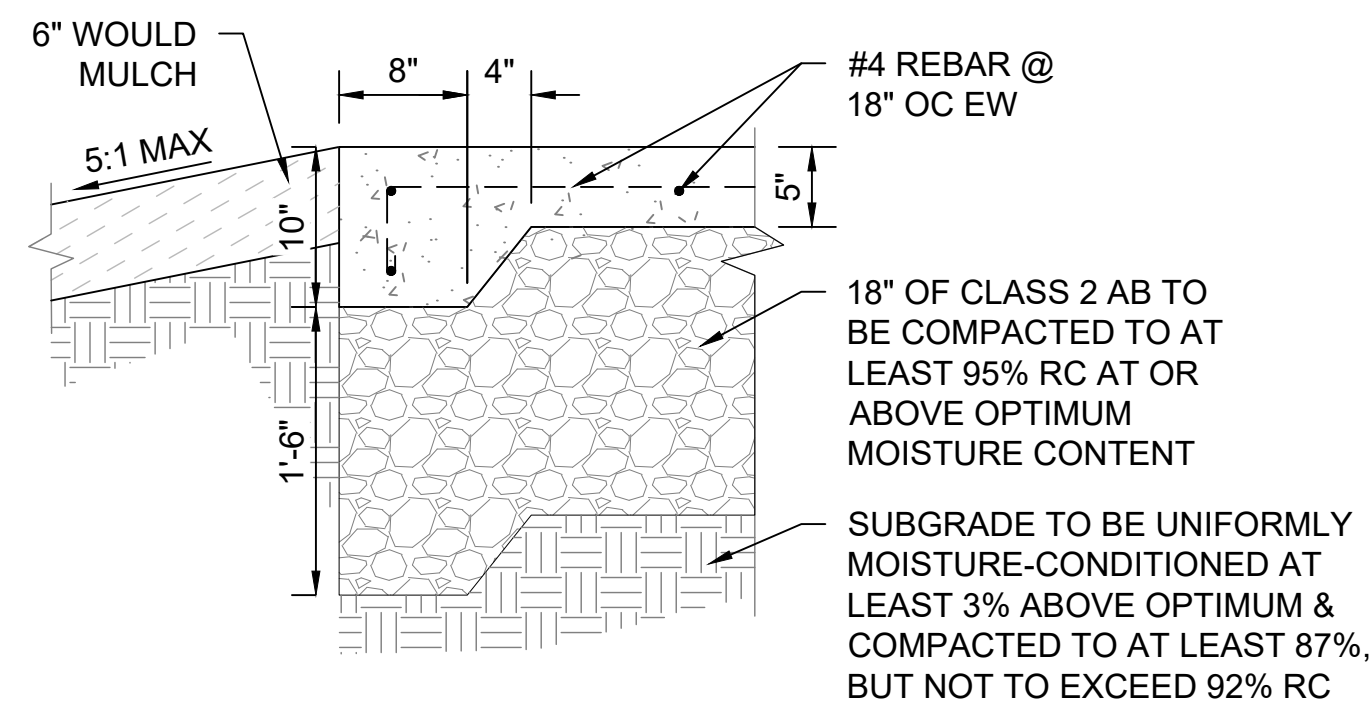
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DATE: _____ OCTOBER 2023

REVISIONS	DATE

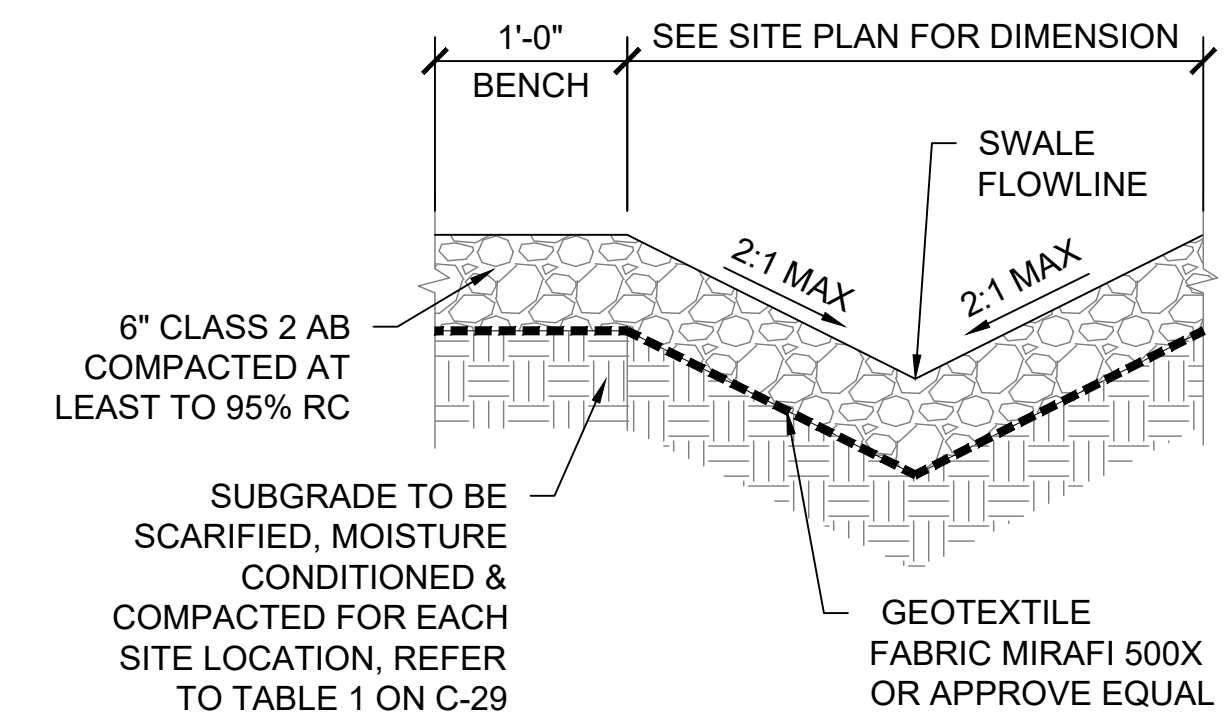
1. ASSEMBLE PER MANUFACTURER'S RECOMMENDATIONS
2. ALL FASTENERS TO BE STAINLESS STEEL
3. TRENCH DRAIN: POLYCAST 600 SERIES STAINLESS STEEL GRATE WITH EDGING OR APPROVED EQUAL
4. GRATE OPENINGS ARE NO WIDER THAN 1/2"



2 TRENCH DRAIN SECTION
SCALE@22X34 2" = 1'-0"



3 CONCRETE FOOTING SIDEWALK
SCALE@22X34 1" = 1'-0"



4 SWALE TYPICAL
SCALE@22X34 1" = 1'-0"

SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT

SITE DETAILS

206279.034

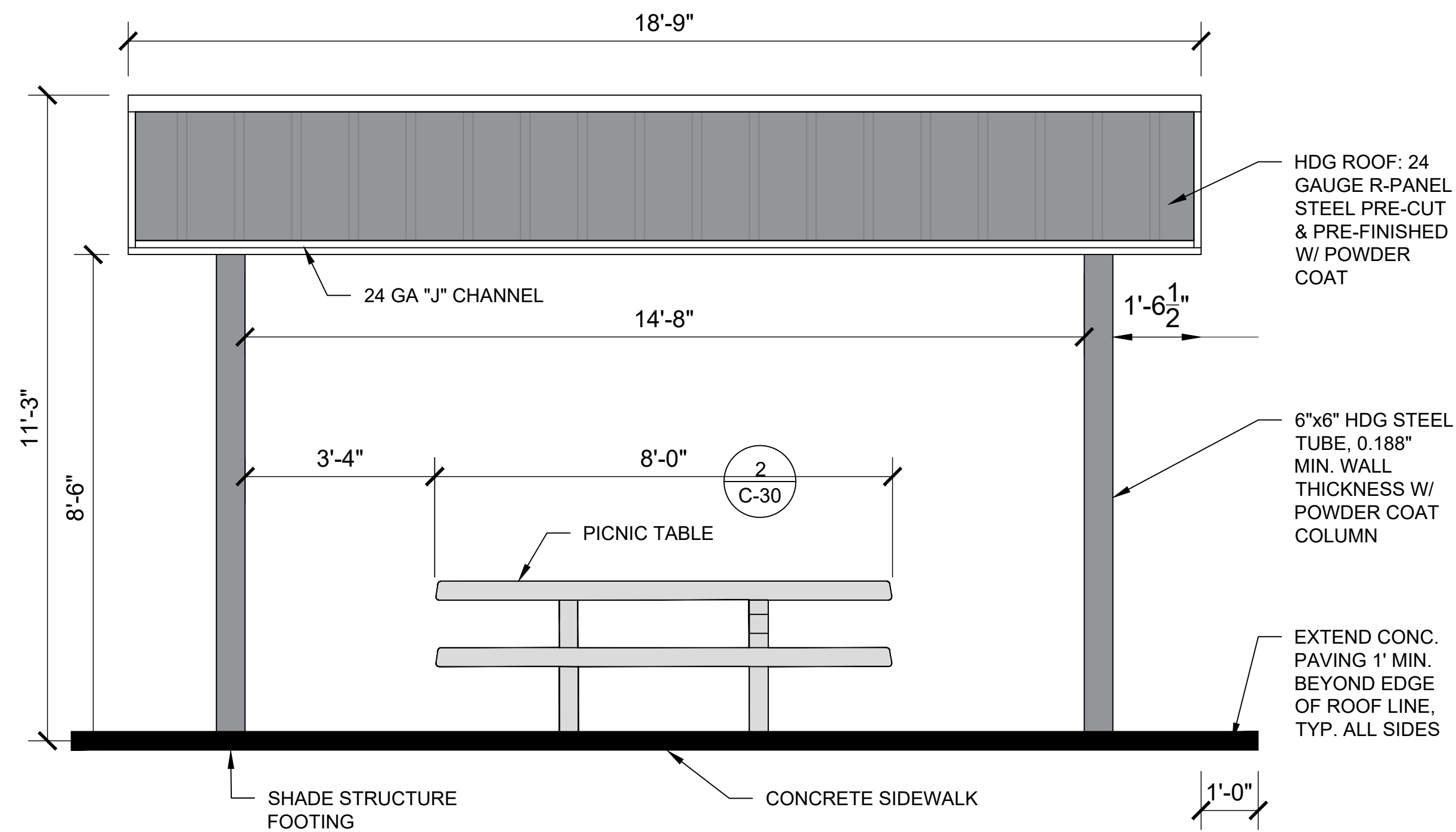
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C-31

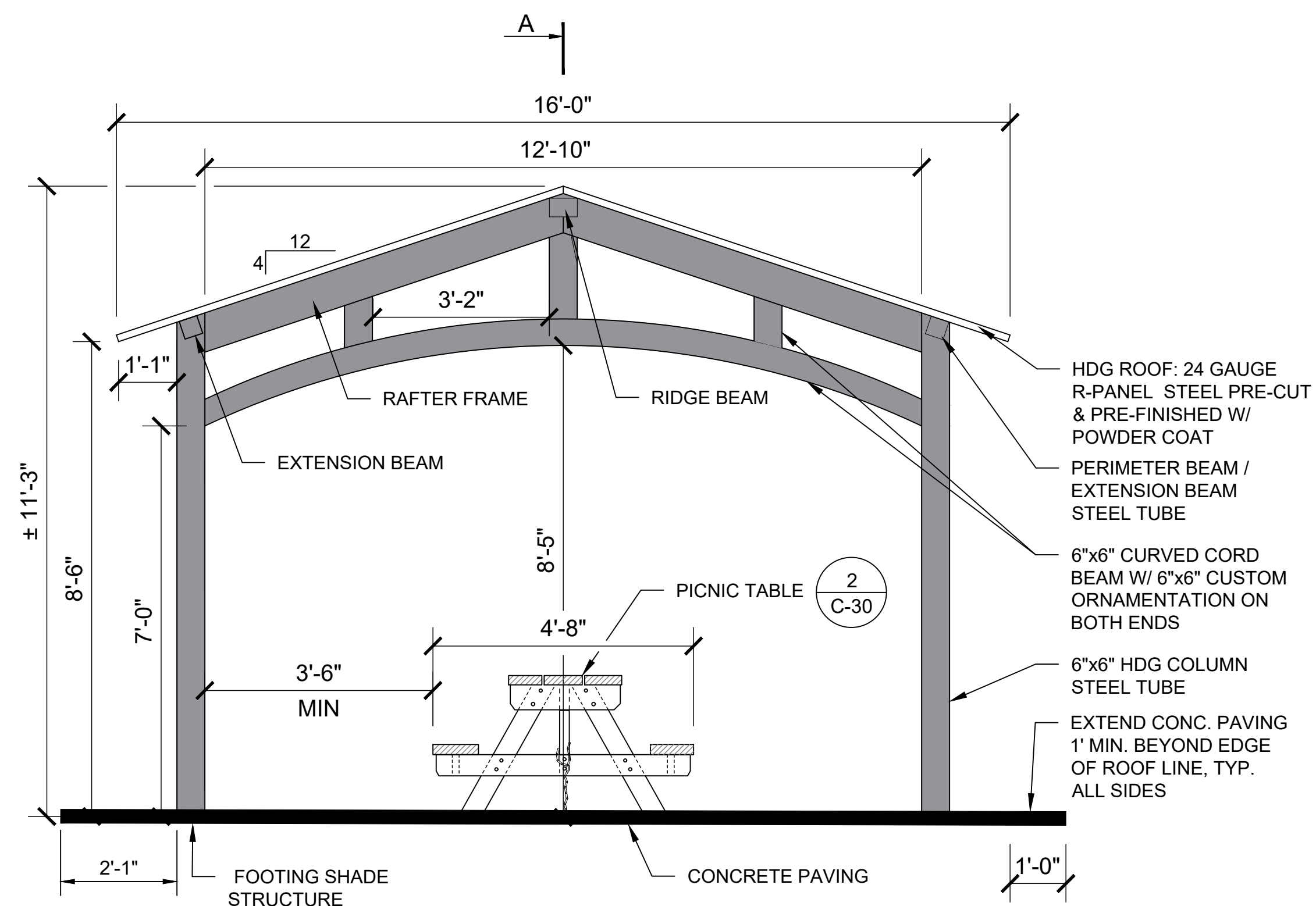
034 OF 038

NOTES:

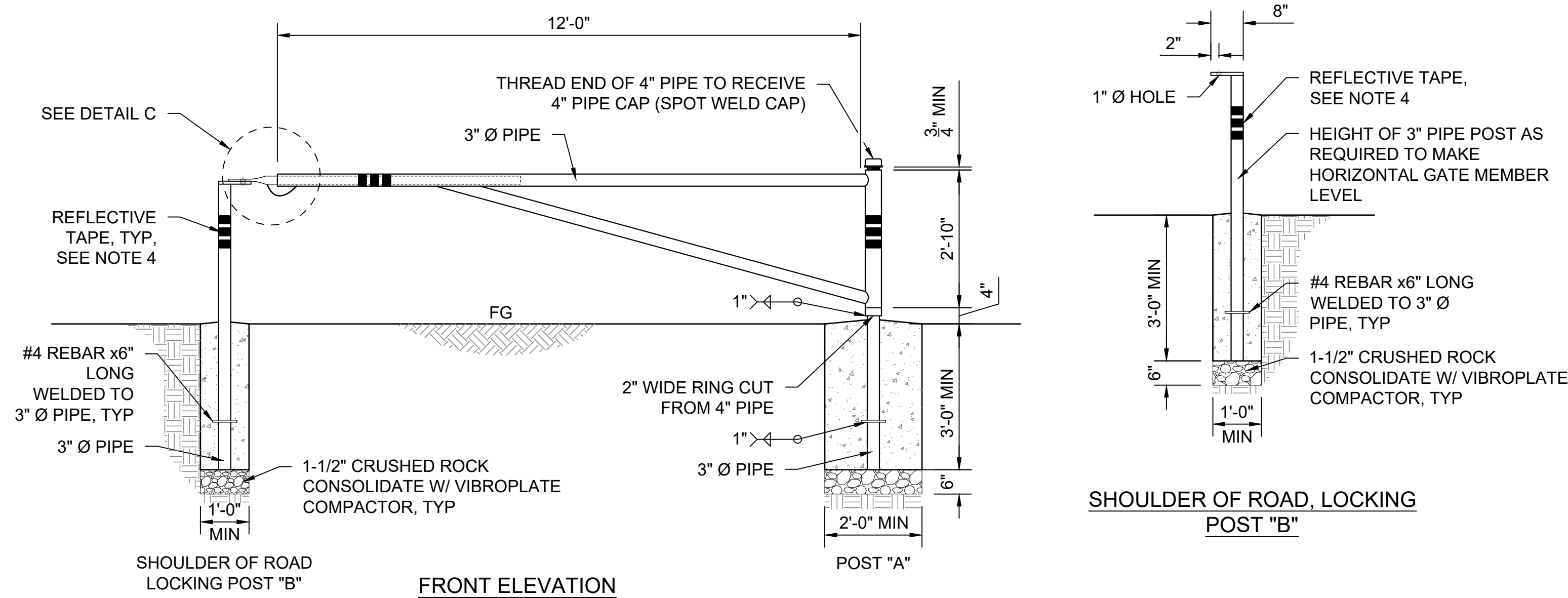
- SHADE STRUCTURE SHALL MATCH CLASSIC RECREATION, ORLANDO MODEL, OR APPROVED EQUAL. ALL BEAMS, COLUMNS SHALL BE STRUCTURAL STEEL TUBE, 0.188" MINIMUM WALL THICKNESS. ROOFING SHALL BE 24 GAUGE R-PANEL STEEL PRE-CUT & PRE-FINISHED. TRIM SHALL BE 24 GAUGE PRE-FINISHED TO MATCH ROOFING. ASSEMBLE PER MANUFACTURER'S RECOMMENDATIONS.
- ACTUAL DIMENSION OF OVERALL SHELTER MAY VARY DEPENDING ON MANUFACTURER. DIMENSIONS FOR CLEARANCES TO POSTS AND ROOF STRUCTURE SHALL BE ADHERED TO. FINAL SIZE REQUIRES STATE APPROVAL PRIOR TO FABRICATION.
- SHELTER ITEMS TO BE POWDER COAT AND HOT DIP GALVANIZE. ALL FASTENERS TO BE STAINLESS STEEL. COLORS TO BE SELECTED BY STATE REPRESENTATIVE FROM MANUFACTURER'S STANDARD COLOR SELECTION PRIOR TO FABRICATION. ROOF TO BE DARK BROWN. FRAME TO BE LIGHT BROWN.
- CONTRACTOR SHALL SUBMIT SHOP DRAWING FOOTING AND CALCULATIONS STAMPED BY LICENSED CALIFORNIA ENGINEER.



SECTION A - A

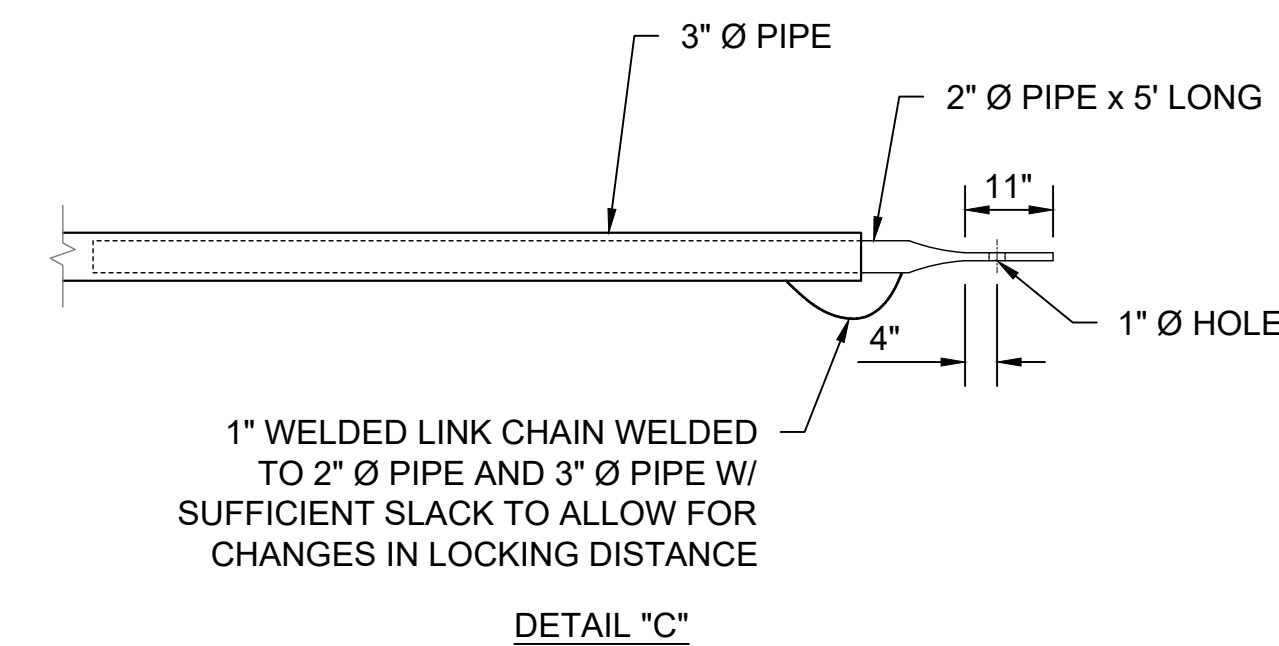


FRONT VIEW

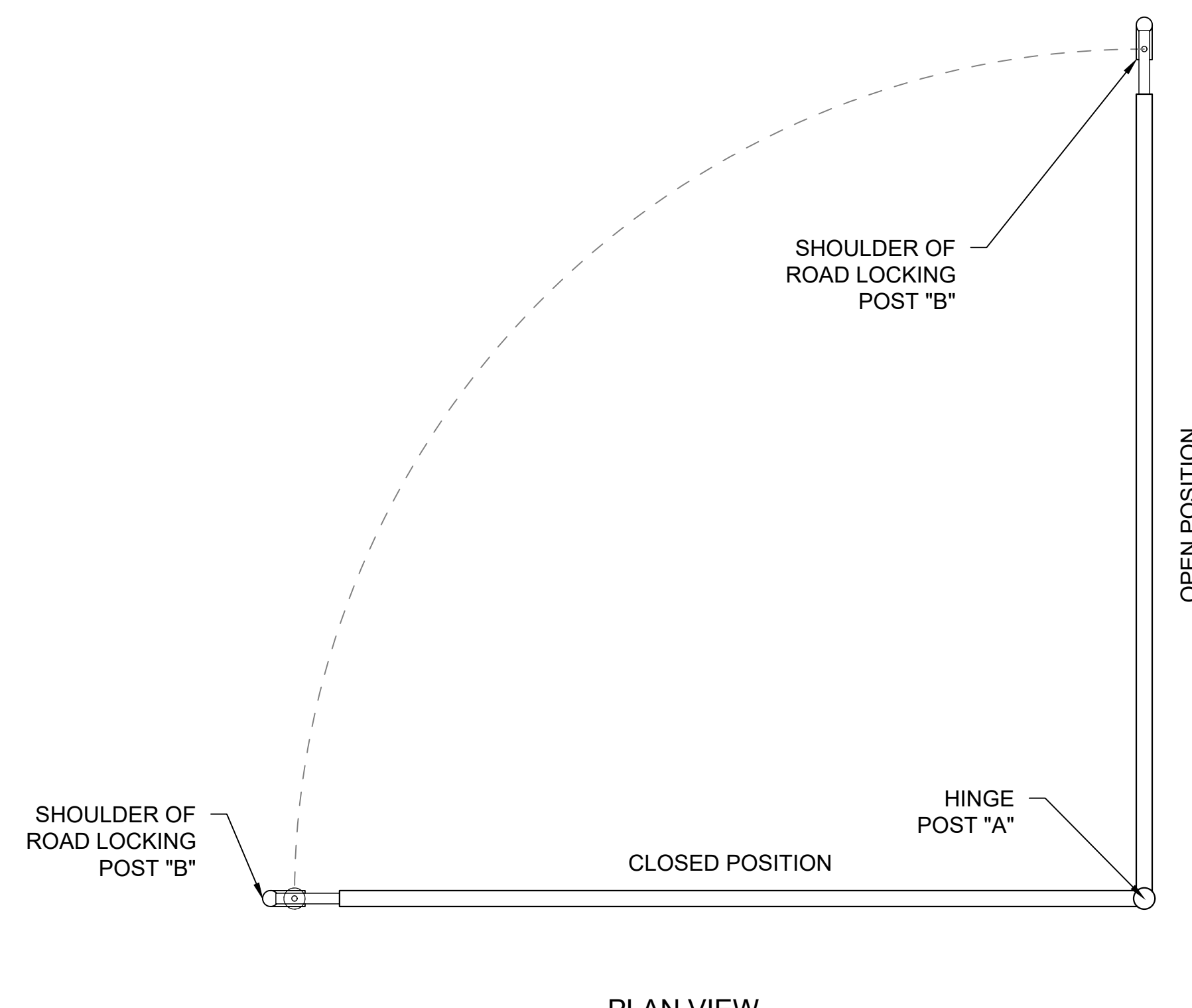


FRONT ELEVATION

SHOULDER OF ROAD, LOCKING POST "B"



DETAIL "C"



PLAN VIEW

NOTES:

- PIPE SIZES ARE FOR STANDARD WEIGHT GALVANIZED STEEL PIPE UNLESS SHOWN OTHERWISE.
- ALL WELDING SHALL BE DONE IN CONFORMANCE W/ THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY SPECIFICATION FOR WELDED HIGHWAY & RAILWAY BRIDGES.
- GATE & POST COATING: 1 COAT, 3.5 MILS POLYAMIDOAMINE EPOXY PRIMER TOPPED WITH 1 COAT, 6 MILS POLYAMIDOAMINE EPOXY AND 1 COAT, 2.5 MILS WATERBORNE ACRYLIC POLYURETHANE FINISH COATS. COLOR: BROWN. TNEMEC SERIES L69 / SERIES 1080, OR APPROVED EQUAL.
- REFLECTIVE TAPE: 3-INCH, RED WITH PRESSURE SENSITIVE ADHESIVE BACK CONFORMING TO THE REQUIREMENTS OF DOT C2. 3M DIAMOND GRADE SERIES 983, OR APPROVED EQUAL. CONSTRUCTOR CAN SUBMIT AN ALTERNATIVE GATE DESIGN THAT MEETS THE INTENT AND MINIMUM REQUIREMENTS SHOWN.

2 PIPE GATE
SCALE@22X34 1/2" = 1'-0"

1 PICNIC SHADE STRUCTURE - WUI COMPLIANT
SCALE@22X34 1/2" = 1'-0"



FACILITIES AND DEVELOPMENT DIVISION



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CERTIFICATION #
Reviewed by Date
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DESIGNED: TL
DRAWN: TL
CHECKED: KR & MP
DATE: OCTOBER 2023

REVISIONS	DATE

SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT
SHADE STRUCTURE & SECURITY GATE DETAILS

206279.035

SHEET NO.

C-32

035 OF 038



FACILITIES AND DEVELOPMENT DIVISION



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DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ MP
DATE: _____ OCTOBER 2023

REVISIONS	DATE

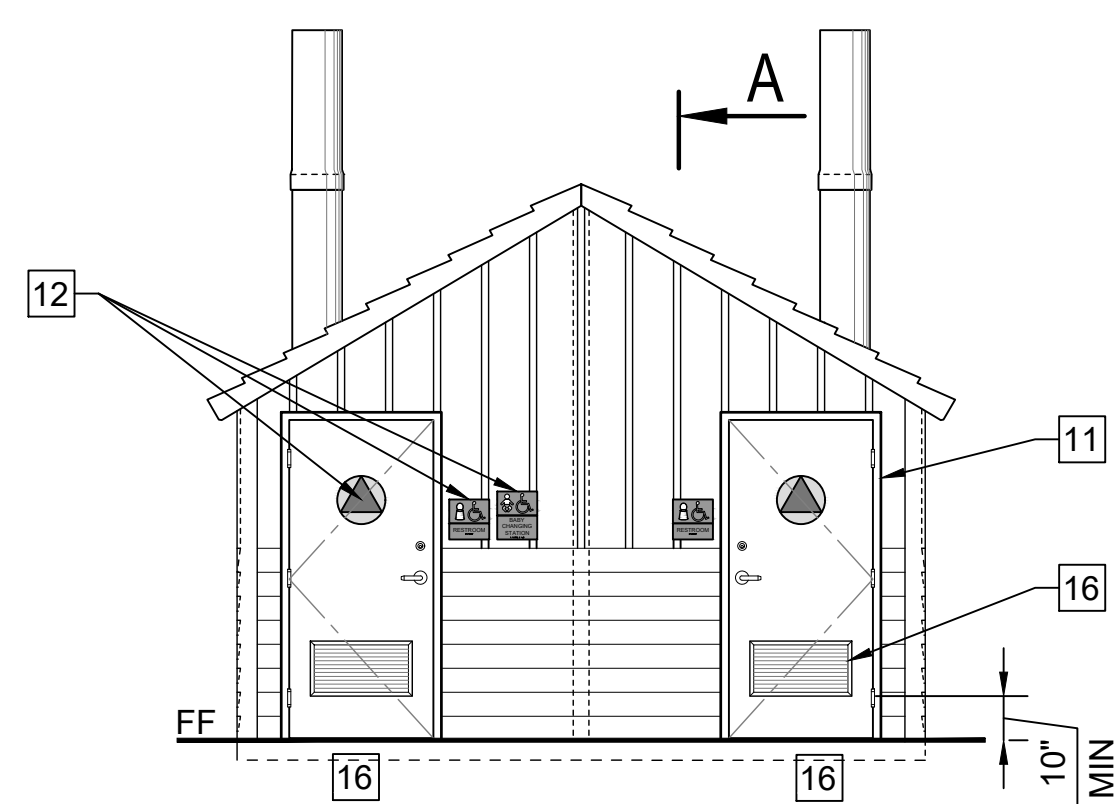
SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT
**PRECAST DOUBLE VAULT
RESTROOM BUILDING**

206279.037

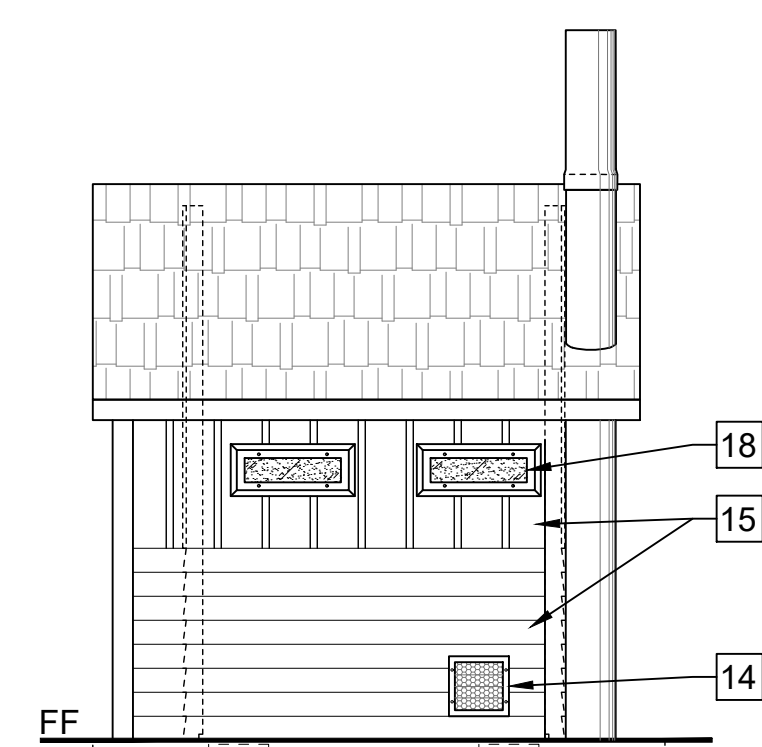
SHEET NO.
C-34
037 OF 038

KEYNOTES:

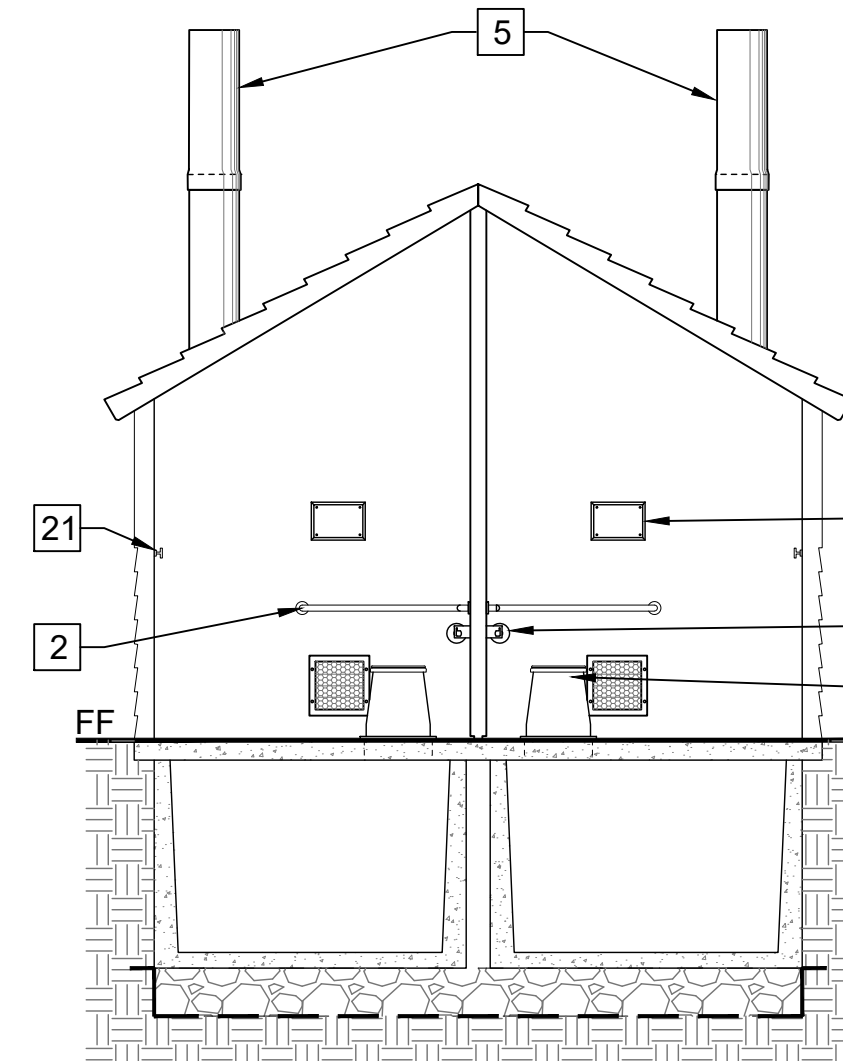
- 1 RISER
- 2 "L" SHAPED 1-1/2" SS GRAB BARS, 250LB POINT LOAD MIN. CAPACITY
- 3 SS TOILET PAPER DISPENSER, (3) ROLL BAR WITH LOCK
- 4 EDGE OF ROOF LINE ABOVE
- 5 VAULT VENTILATOR TUBE
- 6 VAULT ACCESS SCUTTLE DOOR
- 7 VAULT TANK BELOW GRADE
- 8 VAULT FOUNDATION: 12" MIN. THICK LEVELING COURSE OF 1-1/2" ANGULAR CRUSHED ROCK CONSOLIDATE W/ VIBROPLATE COMPACTOR ABOVE GEOTEXTILE FILTER FABRIC (MIRAFI 140N OR EQUAL), REFER TO GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION
- 9 SIMULATED STANDING CEDAR SHAKE TEXTURE CONCRETE ROOF PATTERN, COLOR GRANITE ROCK, 2K ANTI-GRAFFITI COATING
- 10 CONCRETE BUILDING SLAB BY MANUFACTURE OF PRE-CAST BUILDING, COORDINATE ELEVATION WITH CONCRETE WALK FOR ACCESSIBLE ENTRANCE PER GRADING SHEETS
- 11 3'-0"x6'-8" FIBERGLASS DB LVR DOOR AND FRAMESSET, TOP PAINTED WITH DTM ALKYD
- 12 TOILET SIGNAGE ON SHEET C-XX RESTROOM DETAILS
- 13 SIGN TO READ: "DO NOT PUT TRASH IN TOILET"
- 14 SS WALL VENT
- 15 BOARD & BATT TEXTURE UPPER WITH HORIZONTAL LAP LOWER TEXTURE WALLS, COLOR SAND BEIGE. 2K ANTI-GRAFFITI COATING ON ALL FINISHED SURFACES.
- 16 SS DOOR LOUVER
- 17 SET BUILDING SLAB FLUSH, LEVEL AND W/ SMOOTH TRANSITION AT CONCRETE SIDEWALK IN AREA IN FRONT OF ENTRANCE TO THE RESTROOM, COORDINATE W/ GRADING SHEET PER EACH LOCATION
- 18 TRANSLUCENT LEXAN WINDOW GLAZING WITH STEEL FRAME
- 19 BABY CHANGING TABLE: MODEL 100-EH-BP HORIZONTAL DIAPER CHANGING STATION WITH EZ MOUNT BACKER PLATE OR APPROVE EQUAL, TABLE WIDTH SHALL NOT EXCEED 18".
- 20 ACCESSIBLE MANEUVERING AREAS - CIRCLE: 60" Ø & RECTANGLE: 56"D x 60"W
- 21 SS DOUBLE COAT HOOK
- 22 PAINT - WHITE
- 23 ALL PORTIONS OF THE EAVES WHICH ARE LESS THAN 80" ABOVE THE WALKING SURFACE SHALL PROJECT NO MORE THAN 4" FROM THE SIDE OF THE BUILDING.



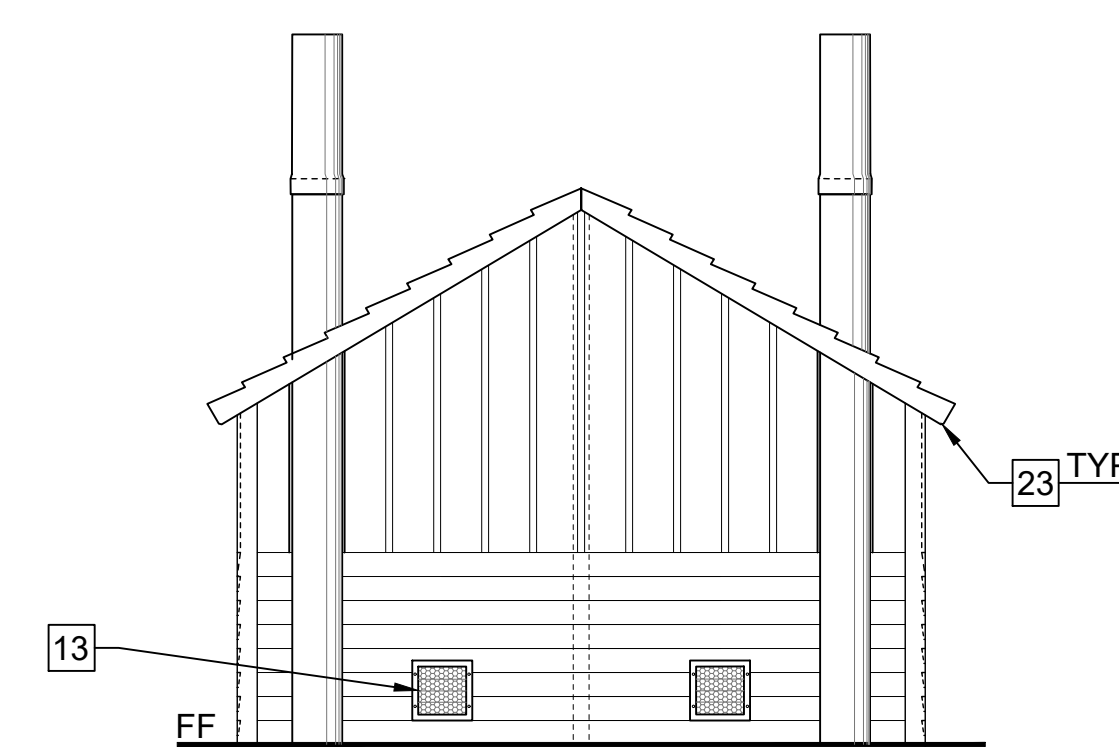
1 FRONT ELEVATION
SCALE@24X36 1/4" = 1'-0"



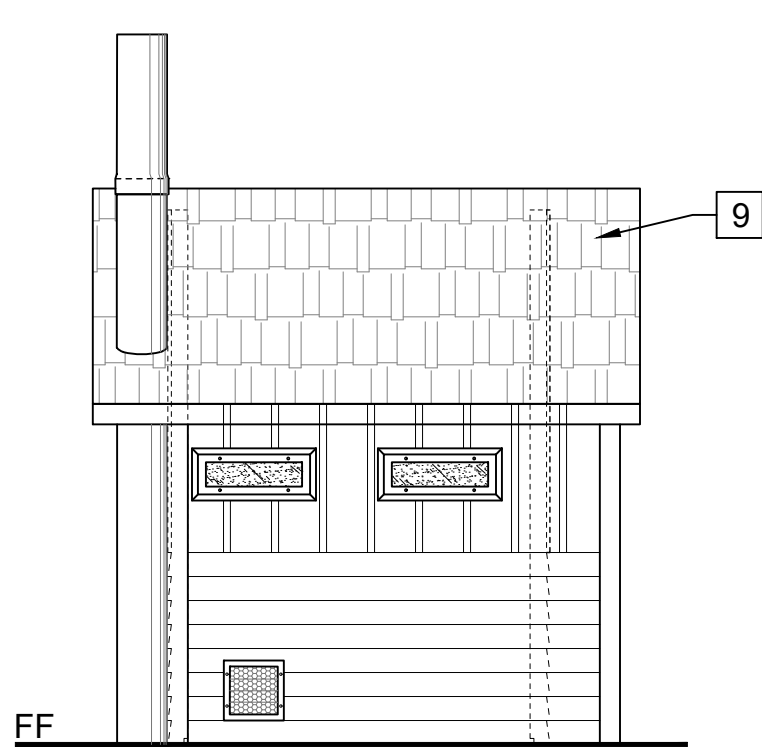
3 RIGHT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



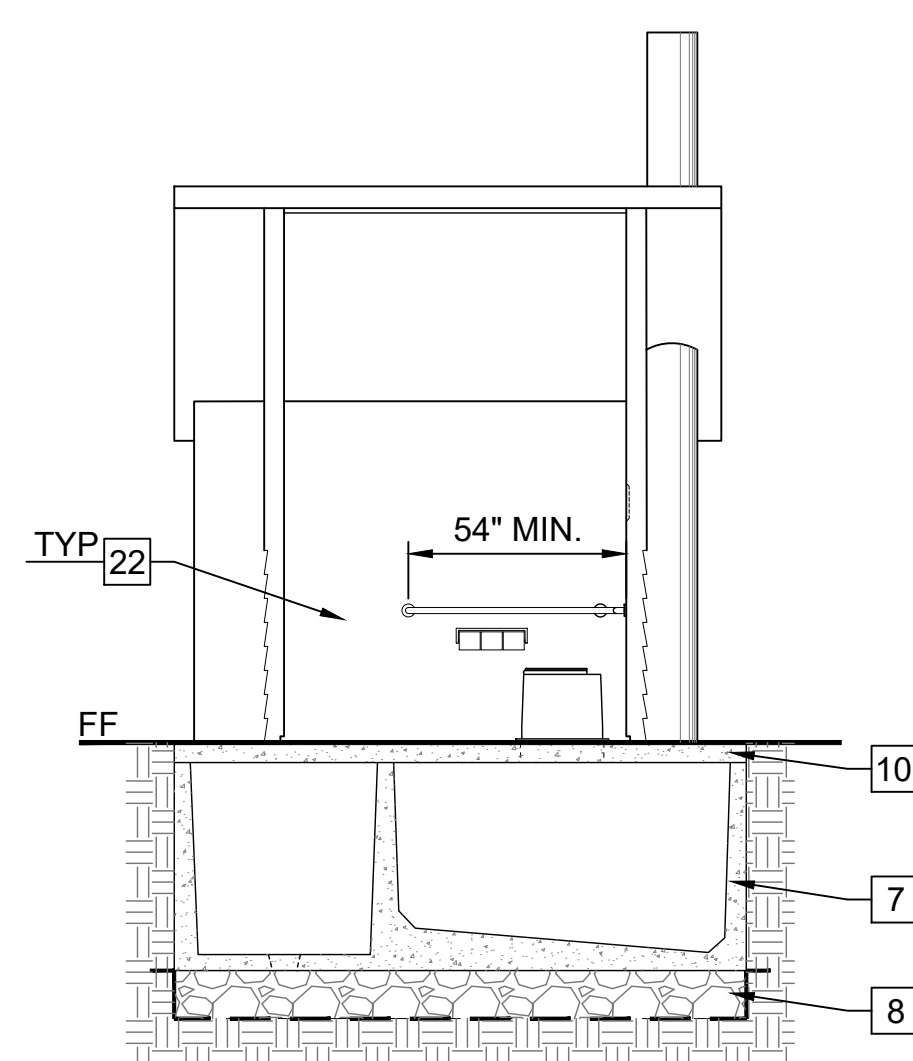
5 LONGITUDINAL SECTION
SCALE@24X36 1/4" = 1'-0"



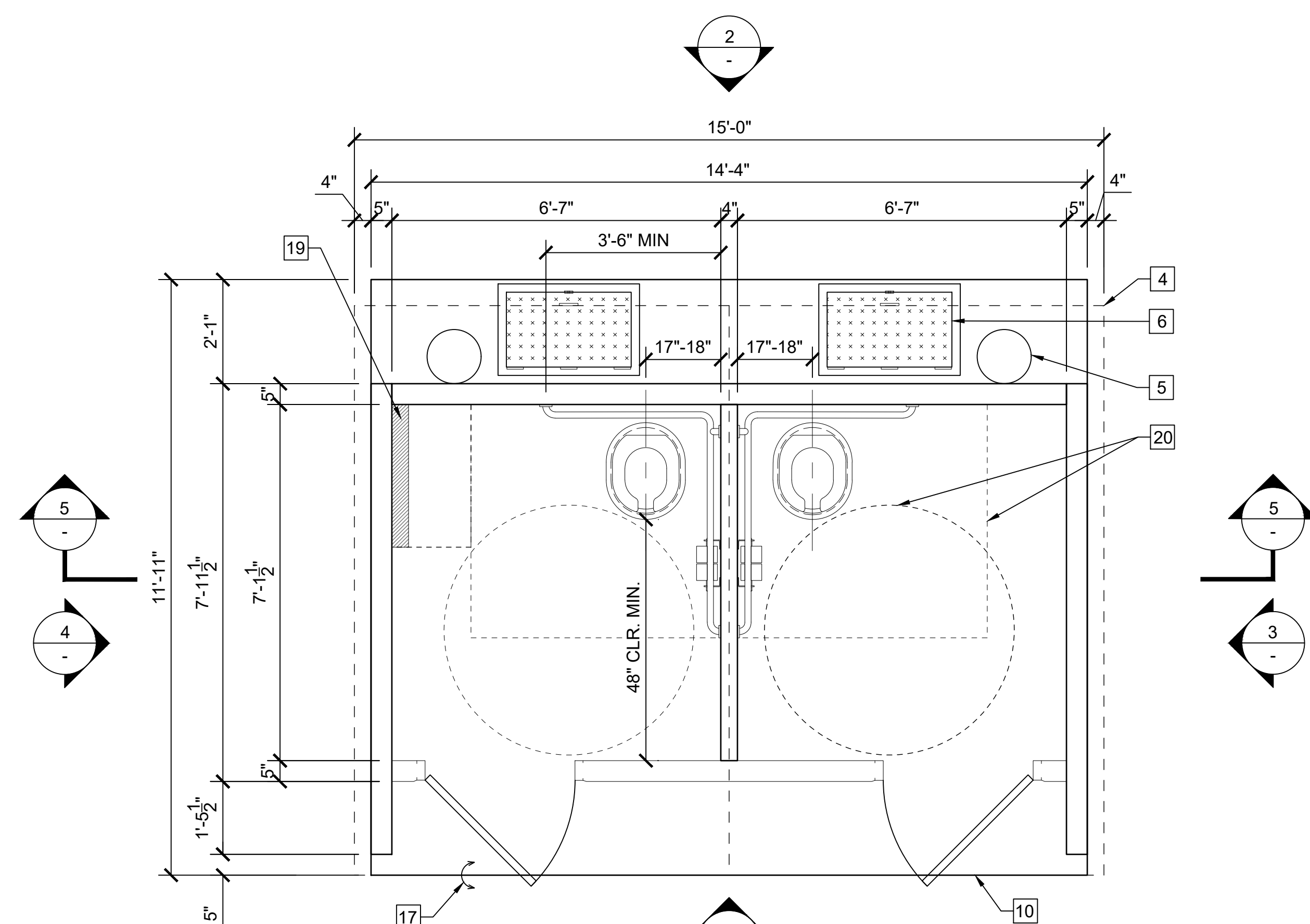
2 REAR ELEVATION
SCALE@24X36 1/4" = 1'-0"



4 LEFT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



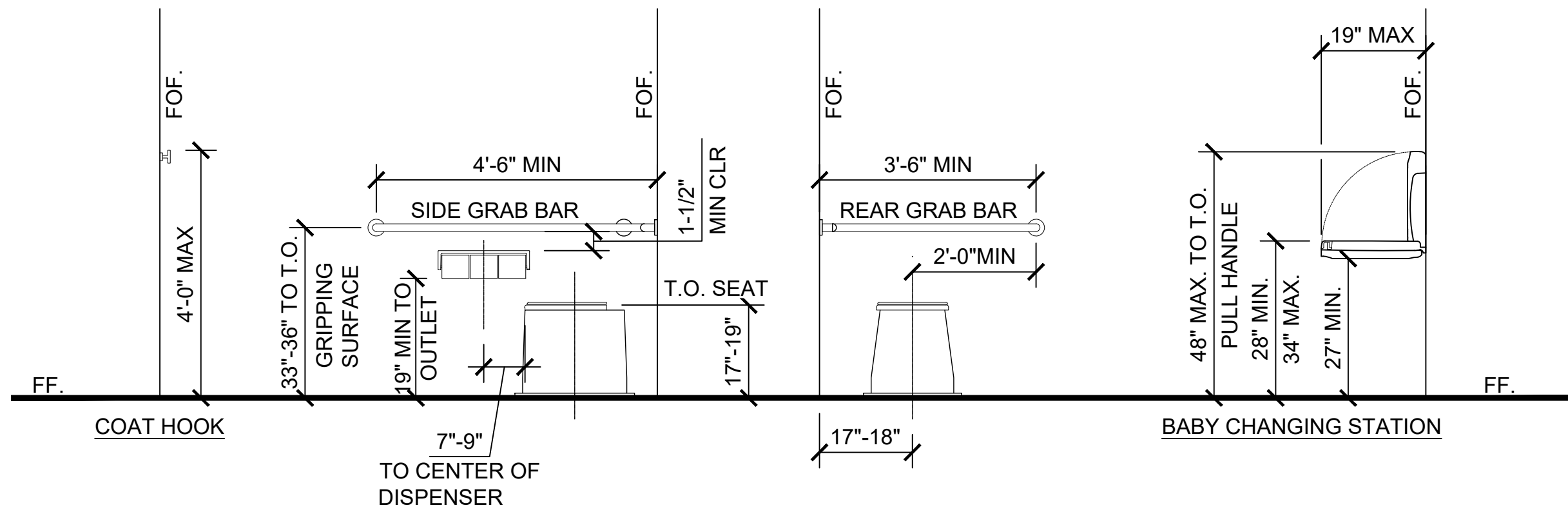
6 SECTION A-A
SCALE@24X36 1/4" = 1'-0"



7 FLOOR PLAN
SCALE@24X36 1/2" = 1'-0"



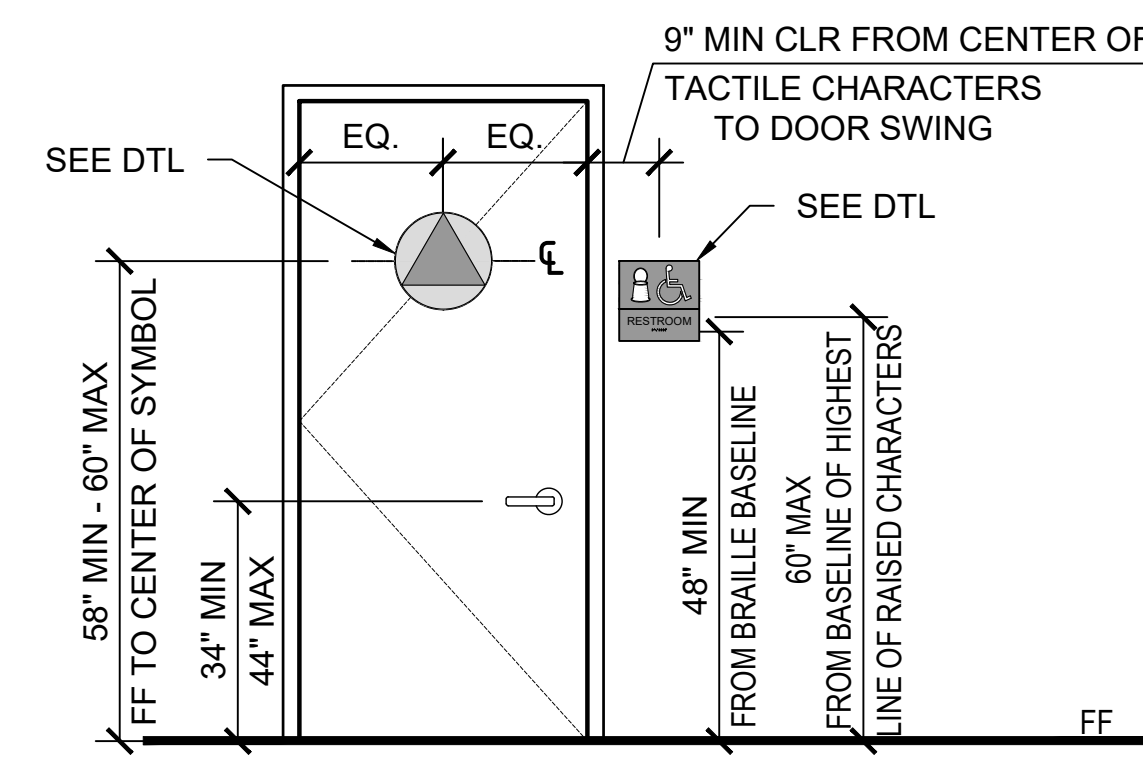
FACILITIES AND DEVELOPMENT DIVISION



- NOTES:
- REFER TO 2022 CBC FOR FURTHER INFORMATION:
 - SECTION 11B-306 KNEE AND TOE CLEARANCE
 - SECTION 11B-308 REACH RANGES
 - SECTION 11B-604 WATER CLOSETS AND TOILET COMPARTMENTS
 - NO TOLERANCE PERMITTED BEYOND NOTED MINIMUMS OR MAXIMUMS.
 - OPERATING HANDLE, 5 LBS MAXIMUM OPERATING FORCE AUTOMATIC OR PLACED ON WIDE SIDE OF THE FIXTURE COMPARTMENT.

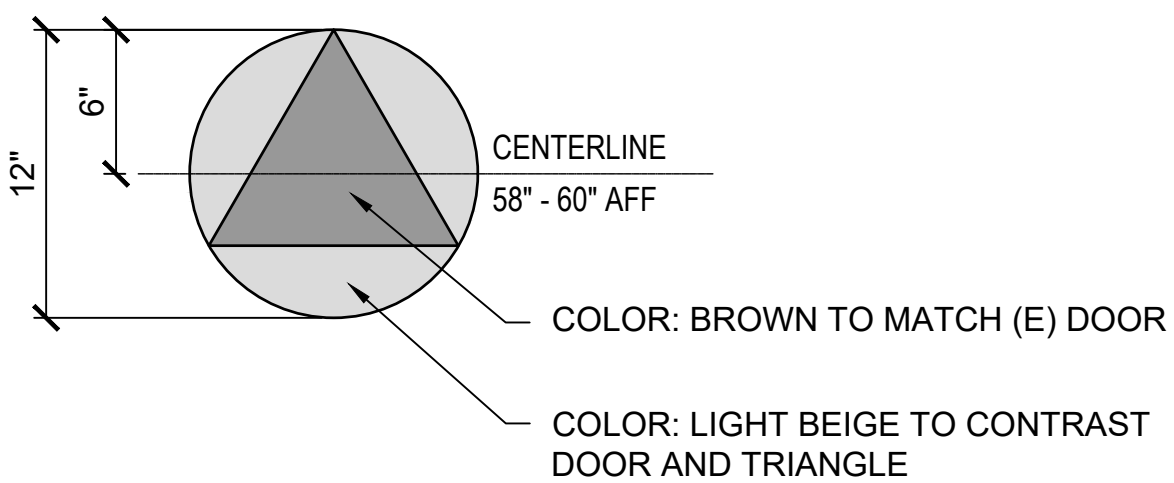
1 RESTROOM FIXTURE MOUNTING LOCATIONS
SCALE@22X34 1/2" = 1'-0"

- NOTES: ADJUST DOOR OPENING TO 5 LBS OF FORCE MAX
ADJUST DOOR CLOSER WHEN DOOR IS OPENED OF MIN 70° DOOR SHALL CLOSE A MIN TIME OF 1.5 SECONDS

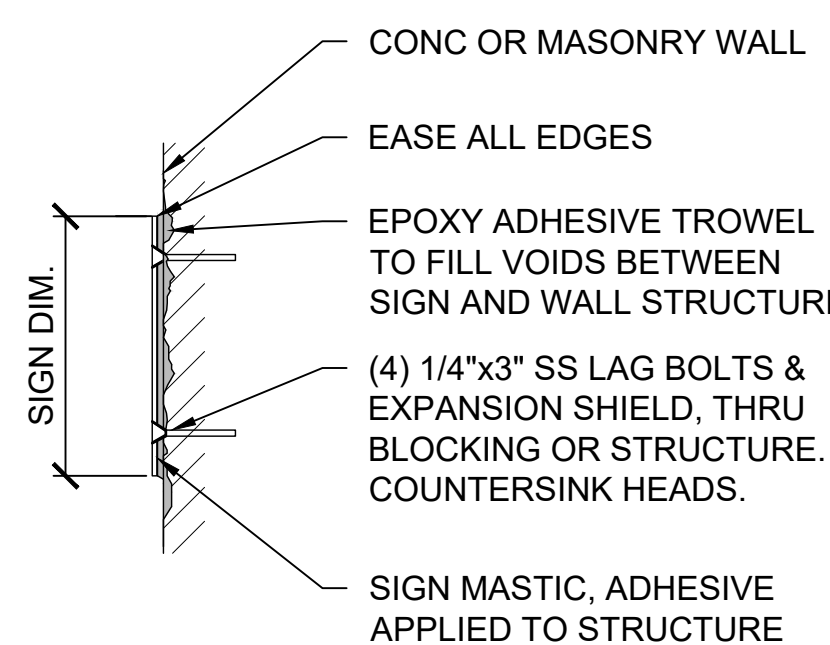


2 RESTROOM SIGN LOCATION
SCALE@22X34 1/2" = 1'-0"

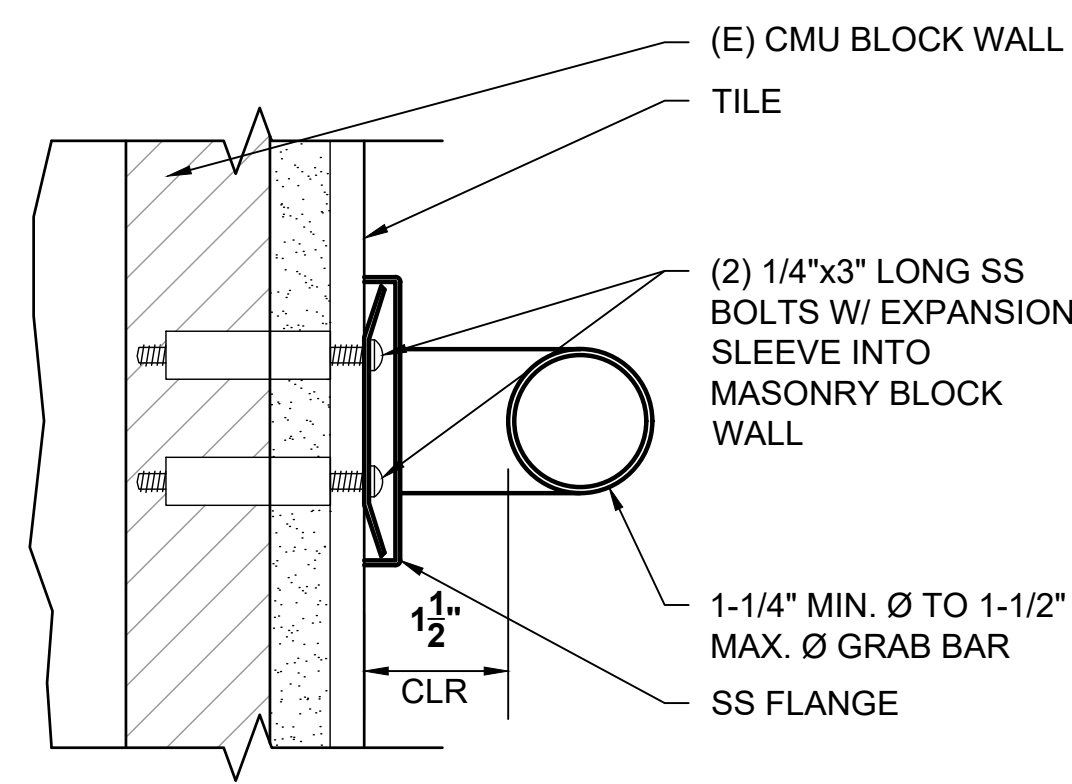
- NOTES:
- RESTROOM DOOR SIGNS: 1/4" THICK - SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. UNISEX CIRCLE SHALL COLOR CONTRAST WITH DOOR COLOR AND TRIANGLE COLOR, CONTRAST SHALL BE 70% MIN.
 - MOUNTED 58" - 60" AFF TO THE CENTER OF THE SIGN AND CENTERED ON THE DOOR
 - NO LETTERS OR CHARACTERS



3 RESTROOM DOOR SIGN
SCALE@22X34 1 1/2" = 1'-0"

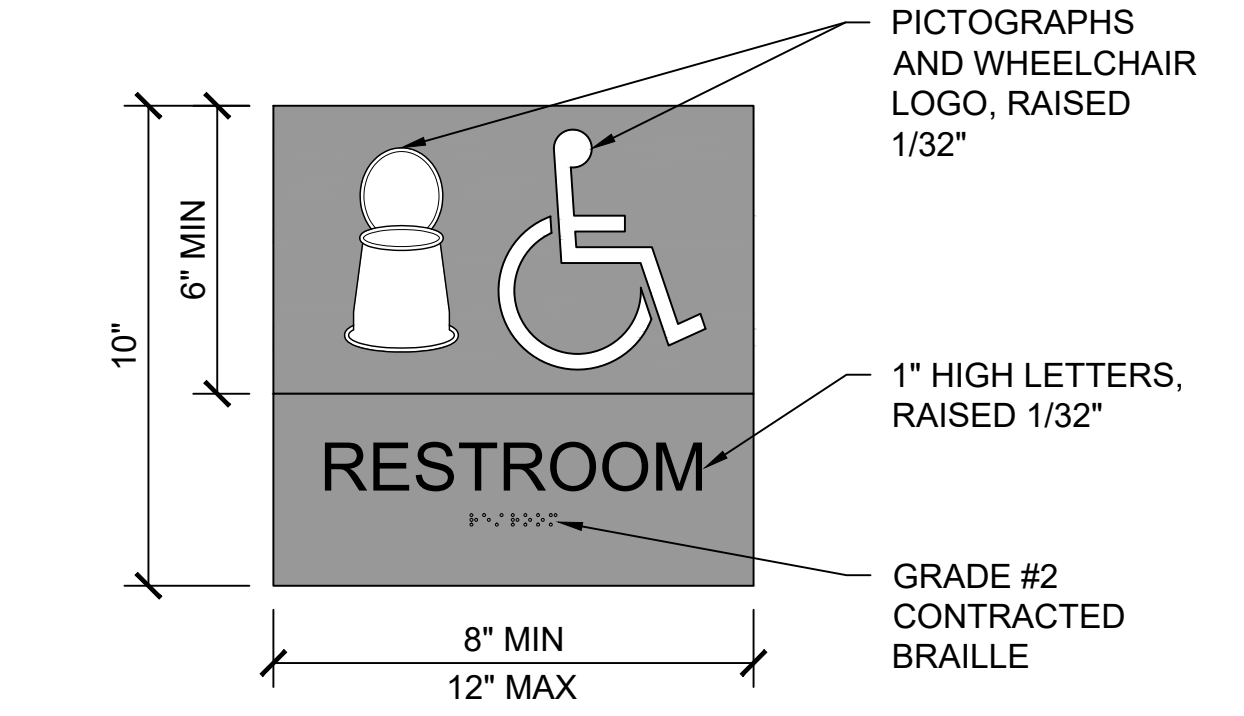
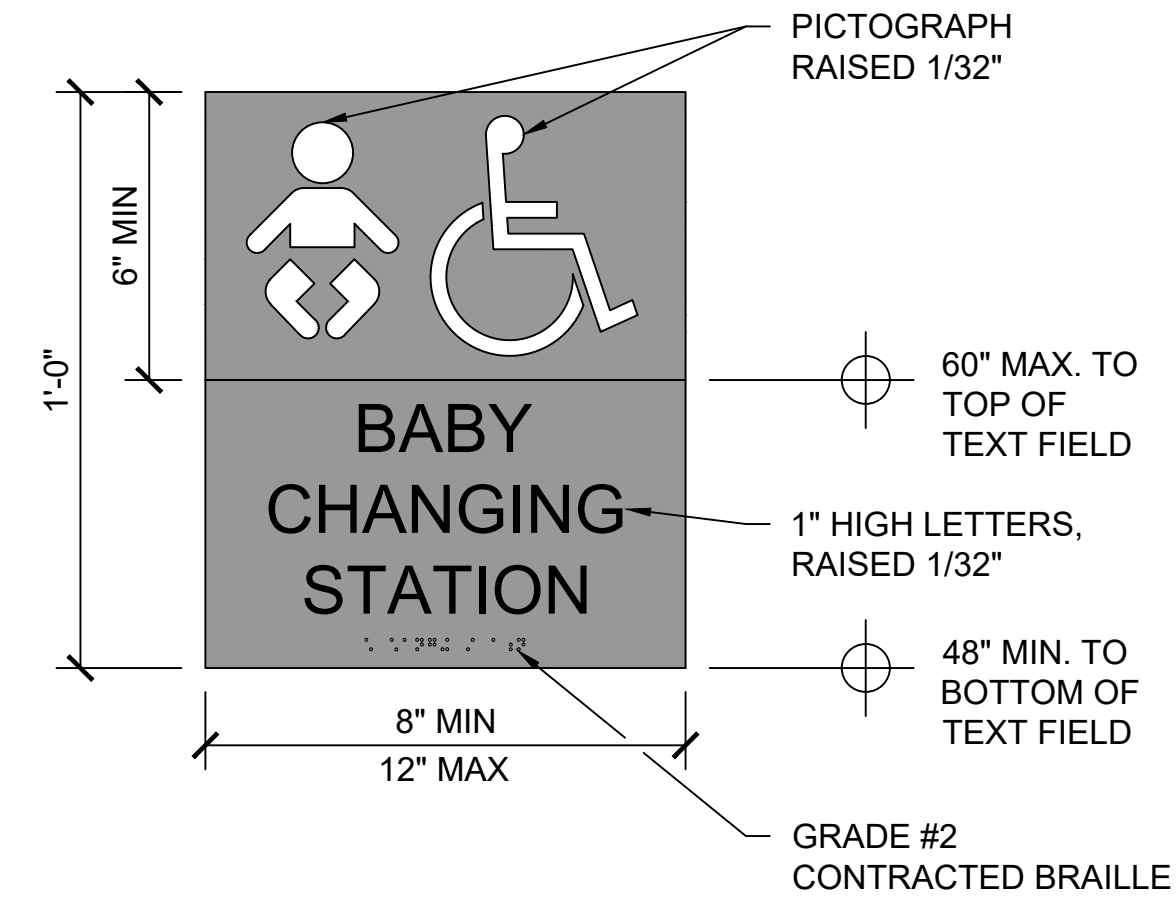


4 WALL SIGNS MOUNTING
SCALE@22X34 1 1/2" = 1'-0"



5 GRAB BAR MOUNTING
SCALE@22X34 6" = 1'-0"

- NOTES: ALL WALL & DOOR SIGNS: 1/4" THICK, SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. SYMBOLS AND LETTER SHALL CONTRAST AND BE SELECTED BY STATE REPRESENTATIVE FROM MANUFACTURERS FULL LINE OF COLOR OFFERINGS. UNO. COLOR SHALL BE THROUGH PRODUCT, NOT A COLOR SHEET APPLIED TO A TRANSPARENT OR TRANSLUCENT SHEET OF ACRYLIC. REFER TO 2022 CBC SECTION 11B.703 FOR FURTHER INFORMATION



6 RESTROOM WALL SIGNS
SCALE@22X34 3" = 1'-0"



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DRAWN:	TL
CHECKED:	MP
DATE:	OCTOBER 2023

REVISIONS	DATE

SAN GREGORIO STATE BEACH
VAULT RESTROOM REPLACEMENT
RESTROOM DETAILS

206279.038

SHEET NO.
C-35
038 OF 038

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-35 RESTROOM DETAILS.dwg Layout: C-35 Restroom Dtl: San Gregorio Date: October 30 2023 - 2:39 pm User: tle



COUNTY OF SAN MATEO - PLANNING AND BUILDING DEPARTMENT

ATTACHMENT D

BIOLOGICAL IMPACT REPORT SAN MATEO RESTROOM REPLACEMENT PROJECT



Prepared for:

County of San Mateo

Angela Chavez, Planner;

AChavez@smcgov.org

400 County Center, Redwood City, CA 94063

Prepared By:

**California Department of Parks and Recreation
Facilities and Development Division**

Devin Jokerst, Senior Environmental Scientist (Specialist);

530-391-7634; Devin.Jokerst@parks.ca.gov;

2241 Harvard Street, Suite 200, Sacramento, California
95815

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Attachments

Attachment 1: Project Description

Attachment 2: San Mateo Restroom Replacement Engineering Plans

Attachment 3: Avoidance and Minimization Measures

Attachment 4: Project Area Topographic and Vegetation Maps

Attachment 5: Representative Photographs

Attachment 6: Qualifications

Overview

California Department of Parks and Recreation is proposing the San Mateo Restroom Replacement Project at 8 coastal parks in San Mateo County: Burleigh H. Murray Ranch, Cowel Ranch State Beach, San Gregorio State Beach, Pomponio State Beach, Pescadero State Beach North, Pescadero State Beach Central, Bean Hollow State Beach, and Ano Nuevo Gazos State Beach (i.e., Project Areas). The projects consist of upgrading the restrooms and improving accessibility for State Beach visitors as described in Attachment 1: Project Description. Work is largely contained to preexisting facilities with some minor expansion into adjacent areas at Pescadero State Beach Central and Bean Hollow State Beach, as depicted in Attachment 2: Engineering Plans. The North Coast of California boasts high quality habitat in undeveloped areas for special-status species and there are known occurrences in proximity to the Project Areas. However, the Project Area's do not contain high-quality suitable habitat because they are predominately paved, routinely maintained, and frequently visited (i.e., disturbed). Furthermore, implementation of the Project's Avoidance and Minimization Measures (Attachment 3) will prevent direct and indirect impacts to special-status species and sensitive natural communities. Topographic maps and vegetation maps of the Project Areas are depicted in Attachment 4. Attachment 5 contains representative photographs of the Projects Areas.

Project Description Summary

Please see Attachment 1 for a detailed description of proposed Project Activities and Attachment 2 for the engineering plans. Listed below is a summary for the Proposed Project Activities:

- Remove existing wood framed vault and chemical toilets with required sitework detailed below at nine locations. See attached plan sheets for location details.
- Prior to removal, the vaults shall be pumped empty of all sewage and disposed off-site. Vaults will be removed to the extent possible with minimal excavation; maximum excavation for removal 6' by 6' by 3' depth.
- There shall be a total of 5 "removal" excavation locations including (San Gregorio, Pompino, Pescadero {North, Central, & South} State Beaches
- Excavations from existing vault removals will be used to install new vaults.
- There are total of 4 locations (Burley Murray Ranch, Cowell Ranch, Bean Hollow, and Ano Nuevo Beach) where existing chemical toilets will be removed and disposed off-site.
- All existing concrete, asphalt, and spoils will be hauled and disposed off-site.
- All locations will install either single or double precast concrete vaults. Elevations and footprint dimensions shown on included precast single & double vault sheets.

Methods

Prior to visiting the Project Areas, DPR Senior Environmental Scientists Devin Jokerst and Jeff Tkach assessed California Department of Fish and Wildlife's (CDFW) California Natural Diversity Data Base (CNDDDB) and California Native Plant Society's (CNPS) Rare Plant Inventory for special-status species occurrences in the U.S. Geological Survey 7.5-Minute Quadrangles that contain the Project Areas: Half Moon Bay, San Gregorio, Pigeon Point, and Franklin Point (CDFW 2023a and CNPS 2023). The inventory searches reported 32 special-status plants species occurrences in the aforementioned quadrangles, of which 29 have potential to occur within or adjacent to the Project Areas (Table 1). The CNDDDB inventory reported 25 special-status wildlife species have potential to occur within or adjacent to the Project Areas (Table 2). On June 2, 2023, Mr. Jokerst conducted a reconnaissance survey of the Project Areas for special-status plants and their habitat, aquatic resources, and other sensitive natural communities. On July 2, 2023, Mr. Tkach conducted a reconnaissance survey of the Project Areas for special-status wildlife species and their habitat.

Table 1. Special-Status Plants with Potential to Occur in or Adjacent to the Project Areas

Common Name (<i>Scientific Name</i>)	Status: Federal/State/ CRPR
Blasdale's bent grass (<i>Agrostis blasdalei</i>)	-/-1B.2
Anderson's manzanita (<i>Arctostaphylos andersonii</i>)	-/-1B.2
Ocean bluff milk-vetch (<i>Astragalus nuttallii</i> var. <i>nuttallii</i>)	-/-4.2
Coastal marsh milk-vetch (<i>Astragalus pycnostachyus</i> var. <i>pycnostachyus</i>)	-/-1B.2
Johnny-nip (<i>Castilleja ambigua</i> var. <i>ambigua</i>)	-/-4.2
Monterey Coast paintbrush (<i>Castilleja latifolia</i>)	-/-4.3
Franciscan thistle (<i>Cirsium andrewsii</i>)	-/-1B.2
Sand-loving wallflower (<i>Erysimum ammodophilum</i>)	-/-1B.2
San Francisco wallflower (<i>Erysimum franciscanum</i>)	-/-4.2
Stinkbells (<i>Fritillaria agrestis</i>)	-/-4.2
Fragrant fritillary (<i>Fritillaria liliacea</i>)	-/-1B.2
San Francisco gumplant (<i>Grindelia hirsutula</i> var. <i>maritima</i>)	-/-3.2
Kellogg's horkelia (<i>Horkelia cuneata</i> var. <i>sericea</i>)	-/-1B.1
Harlequin lotus (<i>Hosackia gracilis</i>)	-/-4.2
Coast iris (<i>Iris longipetala</i>)	-/-4.2
Perennial goldfields (<i>Lasthenia californica</i> ssp. <i>macrantha</i>)	-/-1B.2
Rose leptosiphon (<i>Leptosiphon rosaceus</i>)	-/-1B.1
Point Reyes meadowfoam (<i>Limnanthes douglasii</i> ssp. <i>sulphurea</i>)	-/CE/1B.2
San Mateo tree lupine (<i>Lupinus arboreus</i> var. <i>eximius</i>)	-/-3.2
Marsh microseris (<i>Microseris paludosa</i>)	-/-1B.2
Elongate copper moss (<i>Mielichhoferia elongata</i>)	-/-4.3
Gairdner's yampah (<i>Perideridia gairdneri</i> ssp. <i>gairdneri</i>)	-/-4.2
Monterey pine (<i>Pinus radiata</i>)	-/-1B.1
Choris' popcornflower (<i>Plagiobothrys chorisianus</i> var. <i>chorisianus</i>)	-/-1B.2
Hickman's popcornflower (<i>Plagiobothrys chorisianus</i> var. <i>hickmanii</i>)	-/-4.2
San Francisco popcornflower (<i>Plagiobothrys diffusus</i>)	-/CE/1B.1
Hoffmann's sanicle (<i>Sanicula hoffmannii</i>)	-/-4.3
Scouler's catchfly (<i>Silene scouleri</i> ssp. <i>scouleri</i>)	-/-2B.2
Santa Cruz microseris (<i>Stebbinsoseris decipiens</i>)	-/-1B.2

Notes:

California Rare Plant Ranks (CRPR): 1A = presumed extinct in California and rare or extinct elsewhere; 1B = rare, threatened, or endangered in California and elsewhere; 2A = presumed extirpated in California but common elsewhere; 2B = rare, threatened, or endangered in California but more common elsewhere; 3 = need more information; 4 = Watch List: plants of limited distribution. Threat code extensions are: .1 = seriously threatened in California; .2 = moderately threatened in California; and .3 not very threatened in California.

CE= Rare under the California Endangered Species Act

Table 2. Special-Status Wildlife with Potential to Occur in and Adjacent to Project Areas

<u>Common Name (<i>Scientific Name</i>)</u>	<u>Status (Federal/State)</u>
Santa Cruz black salamander (<i>Aneides niger</i>)	-/SSC
Great blue heron (<i>Ardea herodias</i>)	-/-
Burrowing owl (<i>Athene cunicularia</i>)	-/-
Western Bumble Bee (<i>Bombus occidentalis</i>)	-/CE
Marbled Murrelet (<i>Brachyramphus marmoratus</i>)	T/E
Western Snowy Plover (<i>Charadrius nivosus nivosus</i>)	T/SSC
Townsend's big-eared bat (<i>Corynorhinus townsendii</i>)	-/-
Black Swift (<i>Cypseloides niger</i>)	-/SSC
Monarch - California overwintering population (<i>Danaus plexippus plexippus</i> pop. 1)	C/-
California giant salamander (<i>Dicamptodon ensatus</i>)	-/SSC
Western Pond Turtle (<i>Emys marmorata</i>)	PT/-
Tidewater Goby (<i>Eucyclogobius newberryi</i>)	E/-
Steller Sea Lion (<i>Eumetopias jubatus</i>)	MMC SSC/-
Saltmarsh Common Yellowthroat (<i>Geothlypis trichas sinuosa</i>)	-/SSC
San Francisco Dusky-Footed Woodrat (<i>Neotoma fuscipes annectens</i>)	-/ SSC
Coho Salmon central California Coast ESU (<i>Oncorhynchus kisutch</i> pop. 4)	E/E
Steelhead - Central California coast DPS (<i>Oncorhynchus mykiss irideus</i> pop. 8)	T/-
California Red-Legged Frog (<i>Rana draytonii</i>)	T/SSC
Bank Swallow (<i>Riparia riparia</i>)	-/T
Myrtle's Silverspot Butterfly (<i>Speyeria zerene myrtleae</i>)	E/-
Longfin Smelt (<i>Spirinchus thaleichthys</i>)	C/T
American badger (<i>Taxidea taxus</i>)	-/SSC
San Francisco gartersnake (<i>Thamnophis sirtalis tetrataenia</i>)	E/E

Notes:

Federal Endangered Species Act: E=Endangered; T=Threatened; PT=Proposed Threatened; MMC
 SSC=Marine Mammals Commission Species of Special Concern; C=Candidate
 State Endangered Species Act: E=Endangered; T=Threatened; CE=Candidate Endangered;
 SSC=Species of Special Concern

Results

The results of each Project Area survey are described in greater detail below. Mr. Jokerst did not observe special-status plant species, aquatic resources, or sensitive natural communities in the Project Areas. Initially, a restroom replacement project was proposed at the Pescadero State Beach south parking lot, but Mr. Jokerst observed CRPR 1B.2 perennial goldfields (*Lasthenia californica* ssp. *macrantha*) plants growing along the base of the restroom's concrete slab and this location was dropped from the Project to avoid impacts. Mr. Jokerst observed CRPR 1B.2 Choris' popcorn flower and coastal marsh milk-vetch in proximity to but outside of the Pomponio State Beach

Project Area and these populations will not be directly or indirectly impacted through implementation of the Project's Avoidance and Minimization Measures. The reconnaissance survey coincided with the blooming period with all but one of the special status species (*Stebbinsoseris decipiens*) reported in the CNDDDB and CNPS quadrangle search. However, the Project's Avoidance and Minimization Measures include: a preconstruction botanical survey timed to coincide with the blooming period of special-status plants reported on an updated inventory search, redesigning the project to avoid impacting special-status plants to the extent feasible, and transplanting or collecting seeds of the special-status plants to plant outside of the Project Area. As a result, the Project would not result in extirpation of special-status plants populations. Regardless, it is incredibly unlikely for special-status plants to be observed in the Project Areas given the absence of their detection during the 2023 reconnaissance survey and the low-quality habitat of the very small unpaved portions of the Project Areas.

Mr. Tkach did not observe any special-status wildlife species or their habitat in the Project Areas. Mr. Tkach noted the following species during the survey: song sparrow (*Melospiza melodia*), white-crowned sparrow (*Zonotrichia leucophrys*), brown-headed cowbird (*Molothrus ater*), spotted towhee (*Pipilo maculatus*), red-winged blackbird (*Agelaius phoeniceus*), Brewer's blackbird (*Euphagus cyanocephalus*), red-shouldered hawk (*Buteo lineatus*), red-tailed hawk (*Buteo jamaicensis*), American crow (*Corvus brachyrhynchos*), common raven (*Corvus corax*), American white pelican (*Pelecanus erythrorhynchos*), brown pelican (*Pelecanus occidentalis*), western gull (*Larus occidentalis*), pelagic cormorant (*Phalacrocorax pelagicus*), black oystercatcher (*Haematopus bachmani*), Caspian tern (*Hydroprogne caspia*), and California quail (*Callipepla californica*).

Cowell Ranch State Beach

The parking lot containing the proposed Project at Cowell Ranch State Beach occurs approximately 560 feet south of Dehoff Canyon Road's intersection with Highway 1. The proposed Project will occur within a dirt parking lot and its adjacent ruderal vegetation (e.g., bull thistle and yellow star thistle). This parking lot is surrounded by planted Monterey cypress (*Hesperocyparis macrocarpa*) and Monterey pine (*Pinus radiata*) trees, fallow agricultural fields, and Highway 1. Totaling 0.011 acre, the Project proposes to replace the chemical toilet with a single vault toilet and install concrete accessible parking. The Project Area's elevation averages approximately 138 feet above mean sea level (asml) and the Project Area contains soil map unit WmC2: Watsonville loam, sloping, eroded (UC Davis 2023). There are no CNDDDB occurrences or aquatic resources in proximity to the proposed Project. As a result, this Project will not result in impacts to sensitive natural resources.

Burleigh H. Murray Ranch State Park

Burleigh H. Murray Ranch State Park occurs approximately 1.6 miles east of Highway 1. The proposed restroom replacement project at Burleigh H. Murray Ranch State Park (Project) is in a parking lot at the intersection of Higgins Canyon Road and Murray Ranch Road. The Project Area will occur entirely within the dirt parking lot and totals 0.032 acre. The Project will replace the toilet, construct ADA parking, and install geotextile fabric around the restroom. The Project Area's elevation averages approximately 222 feet amsl and the Project Area contains soil map unit BcB: Botella clay loam, 2 to 9 percent slopes, MLRA 14.

Mills Creek flows approximately 415 feet north of the Project Area and converges with Arroyo Leon. Arroyo Leon is approximately 300 feet west of the Project Area on the other side of Higgins Canyon Road. Coyote brush scrub (*Baccharis pilularis*) is prevalent north of the parking lot with Monterey pine and blue gum eucalyptus (*Eucalyptus globulus*) dominant to the east and south. An arroyo willow thicket (*Salix lasiolepis*) occurs north of the coyote brush, which at its closest is approximately 30 feet north of the Project Area. The arroyo willow thicket is likely a wetland and regulated as a sensitive natural community wetland (CDFW 2023b). The thicket is buffered from the Project by at least 30 feet of coyote brush scrub and through implementation of the Avoidance and Minimization Measures (Attachment 3), the arroyo willow thicket will not be directly or indirectly impacted by the Project. Implementation of the Project's Storm Water Loss Prevention Plan will ensure the Project does not contaminate surface waters through release of vehicle fluids, construction materials, or sedimentation. Furthermore, the Project will remain in compliance with the Central Coast Regional Water Quality Control Board's Basin Plan Water Quality Objectives (Central Coast Regional Water Quality Control Board 2019). There are no CDDB occurrences within 0.35 mile of Project Area (CDFW 2023a). Therefore, the Project will not directly or indirectly impact special-status species or sensitive natural communities.

San Gregorio State Beach

San Gregorio State Beach occurs just south of the intersection of Highway 1 and Highway 84. San Gregorio Creek outlets into the Pacific Ocean at the State Beach. San Gregorio Creek contains a lagoon upstream of Highway 1. The project proposed at the San Gregorio State Beach parking lot (Project Area) totals 0.390 acre. The Project Area consists of an asphalt parking lot, a managed field (i.e., routinely mowed) containing park benches, the restroom, and a small portion of a dirt path that leadsto the beach. The elevation of the Project Area ranges from approximately 33 to 38 feet above mean sea level (amsl) (Attachment 4). The Project Area contains soil map unit Botella loam, 2 to 9 percent slopes, MLRA 14 (UC Davis 2023).

Elaborated in greater detail in Attachments 1 and 2, the Project proposes to replace the single vault toilet and with 2 double vault toilets, repave with concrete for accessible

parking, install picnic tables with shade structures on the managed field, and pave approximately 100 feet of the dirt pathway with concrete.

The following vegetation communities are in and around the Project Area: managed grassland, non-native annual grassland, coastal scrub, riparian scrub, San Gregorio Creek, sandy beach, and Highway 1 (Attachment 4). San Gregorio Creek is approximately 120 feet south of the Project Area's proposed concrete pathway. The mowed and managed field is dominated by widespread native California goldfields (*Lasthenia californica* ssp. *californica*) and non-native grasses and forbs, intermixed with some needle goldfields (*L. gracilis*). South of the Project Area, the non-native annual grassland paralleling the dirt path extending to San Gregorio Creek is dominated by wild oats (*Avena barbata*), foxtail (*Hordeum murinum* ssp. *leporinum*), and black mustard (*Brassica nigra*).

Sensitive Biological Resources

San Gregorio Creek

San Gregorio Creek flows west towards the Pacific Ocean approximately 130 feet south of the proposed concrete pathway. Implementation of the Project's Storm Water Loss Prevention Plan will ensure the Project does not contaminate surface waters through release of vehicle fluids, construction materials, or sedimentation (Attachment 3). Furthermore, the Project will remain in compliance with the Central Coast Regional Water Quality Control Board's Basin Plan Water Quality Objectives (Central Coast Regional Water Quality Control Board 2019). As a result, the Project will not impact San Gregorio Creek.

California Red-Legged Frog

A CNDDDB occurrence (No. 1863) for the federally threatened California red-legged frog (*Rana draytonii*) overlaps with the Project Area; specifically, the observations are associated with a large pond approximately 0.21 mile north of the Project Area (CDFW 2023a). San Gregorio Creek could also offer habitat for the California red-legged frog. However, the Project Area is primarily concrete, does not contain suitable aquatic breeding habitat, and the upland habitat is of low quality due to its routine disturbance regime (i.e., mowing and visitation) and predominance of invasive species. Furthermore, the undisturbed habitat surrounding the Project Area is far more suitable for the California red-legged frog. Lastly, the California red-legged frog would not venture into the Project Area during the audible commotion of Project Activities. The Project's Avoidance Minimization Measures would prevent incidental discharge to San Gregorio Creek and a biologist would conduct a daily preconstruction survey to clear the site prior to the day's commencement of construction. Due to the nature of the Project Area and implementation of the Avoidance and Minimization Measures, the Project would not result in impacts to the California red-legged frog.

Central California Coast Steelhead

There is a CNDDDB occurrence (No. 11) for the federally threatened Central California Coast Steelhead Distinct Population Segment (DPS) (*Oncorhynchus mykiss irideus*) within San Gregorio Creek; the creek is one of the principal steelhead areas in San Mateo County (CDFW 2023a). The Project will not impact the Central California Coast Steelhead because no work is proposed in the creek and the avoidance and minimization measures will ensure there are no incidental discharges (i.e., indirect impacts) into the creek.

Tidewater Goby

There is a CNDDDB occurrence (No. 23) for the federally endangered tide water goby (*Eucyclogobius newberryi*) within San Gregorio Creek at its mouth and lower stream reach (CDFW 2023a). The Project will not impact the tidewater goby because no work is proposed in the creek and the Avoidance and Minimization Measures will ensure there are no incidental discharges (i.e., indirect impacts) into the creek.

Coastal Marsh Milk-Vetch

There is an occurrence for the CRPR 1B.2 coastal marsh milk-vetch (*Astragalus pycnostachyus* var. *pycnostachyus*; CNDDDB Occurrence No. 5) along the steep banks of the San Gregorio Creek (CDFW 2023a). There is no suitable mesic habitat for coastal marsh-milk in the Project Area and the variety was not observed during the 2023 reconnaissance survey; therefore, the Project will not directly impact coastal marsh milk-vetch. The Project will not indirectly impact coastal salt marsh milk-vetch through implementation of the Avoidance and Minimization Measures that will prevent incidental discharges and compliance with the Regional Water Quality Control Board's Water Quality Objectives.

Choris' Popcorn Flower

There is an occurrence for the CRPR 1B.2 Choris' popcorn flower (*Plagiobothrys chorisianus* var. *chorisianus*; CNDDDB occurrence No. 33) on a bluff south of San Gregorio Creek; as result, the Project is separated from the occurrence by the creek (CDFW 2023a). The Project Area does not contain suitable mesic habitat and the variety was not observed during the 2023 reconnaissance survey. The Project will not directly or indirectly impact the Choris' popcorn flower occurrence.

Pomponio State Beach

Project and Property Description

Pomponio State Beach occurs west of Highway 1 at Pomponio Creek's outlet into the Pacific Ocean. Work proposed at the Pomponio State Beach parking lot (Project) totals 0.161 acre. The Project Area consists of a restroom, paved parking lot, and two swaths of managed grassland east and west of the parking lot. The Project Area is surrounded by coastal scrub, riparian habitat along Pomponio Creek, a potential wetland, sandy beach, and Highway 1.

The Project Area is relatively flat averaging approximately 18 feet amsl. The soil map

units mapped in the Project Area consist of Botella loam, 2 to 9 percent slopes, MLRA 14 and Terrace escarpments (UC Davis 2023).

The Project will not impact undisturbed habitat. Described in greater detail in Attachments 1 and 2, the Project proposes to replace the double vault toilet, install accessible concrete picnic tables in the managed grasslands east and west of the parking lot, and install concrete accessible parking in the parking lot at the restroom and picnic table areas.

Sensitive Biological Resources

Pomponio State Beach

Pomponio Creek's outlet is separated from the Project by approximately 40 feet of managed grassland and 106 feet of riparian scrub. Implementation of the Project's Storm Water Loss Prevention Plan will ensure the Project does not contaminate surface waters through release of vehicle fluids, construction materials, or sedimentation. Furthermore, the Project will remain in compliance with the Central Coast Regional Water Quality Control Board's Basin Plan Water Quality Objectives. As a result, the Project will not impact San Gregorio Creek.

Choris' Popcorn Flower

The eastern managed grassland, where picnic structures are proposed, occurs adjacent to a known occurrence of Choris' popcornflower (CNDDDB Occurrence No. 34) that was observed during the 2023 reconnaissance survey (CDFW 2023a). The Choris' popcornflower population occurs east-adjacent of a fence that separates the managed grassland (containing the proposed picnic location) from an undisturbed mesic wetland area within coastal scrub. The Project Area does not contain suitable habitat for Choris' popcorn flower and the Project will not directly impact the variety. Indirect impacts will be prevented through implementation of the following Avoidance And Minimization Measures which address unstable soil and erosion, general air quality and dust, sediment transportation rates and surface water quality, compliance with all applicable Water Quality Objectives in the Central Coast Regional Water Quality Control Board's Basin Plan, fencing of aquatic resources within 30 feet of work, invasive species BMPs, and preconstruction surveys.

Coastal Marsh Milk-Vetch

Approximately 50 feet south of work proposed in the western managed grassland is a small population of CRPR 1B.2 coastal-marsh milk vetch (*Astragalus pycnostachyus* var. *pycnostachyus*) along a riparian margin of Pomponio Creek; however, coastal-marsh milk-vetch was not observed in the Project Area. The project will not directly impact the special-status population because no work is proposed in that location. As described above for Choris' popcorn flower, the project's Avoidance and Minimization Measures will prevent indirect impacts to the variety.

California Red-Legged Frog

A single California red-legged frog CNDDDB occurrence (No. 1686) occurs approximately

0.22 mile south of the Project Area (CDFW 2023a). The occurrence is from a dead-on-road observation from 2014. The Project Area does not contain aquatic breeding habitat. It is highly unlikely that California red-legged frog would utilize the routinely disturbed and mowed grasslands as upland dispersal habitat given the undisturbed surrounding habitats. Furthermore, implementation of the Avoidance And Minimization Measures would ensure the Project Area is surveyed prior to construction and that the project does not directly or indirectly impact the surrounding habitat.

Pescadero State Beach North

Project and Property Description

Pescadero State Beach occurs west of Highway 1 with the Pescadero Marsh east of the highway. The project proposed at the north parking lot for Pescadero State Beach (Project) totals 0.048 acre. The Project Area consists of a restroom in a paved parking lot at the base of dune scrub. The Project Area is surrounded by dune scrub, coastal scrub, and non-native annual grassland. The dune scrub west adjacent to the restroom is dominated by coastal sagewort (*Artemisia pycnocephala*), coyote brush (*Baccharis pilularis*), poison oak (*Toxicodendron diversilobum*), and seaside daisy (*Erigeron glaucus*). The Project Area's elevation averages approximately 24 feet amsl. Gravel Pits are the soil map unit mapped in the Project Area (UC Davis 2023). The Project proposes to replace a single vault toilet with a double vault toilet and repave a portion of the parking lot with concrete for accessible parking.

Sensitive Biological Resources

Bank Swallow

A CNDDDB occurrence (No. 107) for the state-threatened bank swallow (*Riparia riparia*) overlaps with the Project; however, the occurrence is from 1896 and was mapped to include cliffs along the coast (CDFW 2023a). The Project does not contain suitable cliff nesting habitat. The Project's Avoidance and Minimization Measure's preconstruction survey and best management practices will ensure the Project does not result in direct or indirect impacts to the bank swallow or its habitat.

California red-legged frog

A CNDDDB occurrence (No. 118) for California red-legged frog occurs in two polygons: one encompasses the North Pond of Pescadero Marsh and part of the Project Area's parking lot and the other polygon is approximately 150 feet north of the Project Area centered around a mesic depression (CDFW 2023a). The Project Area consists only of paved asphalt and does not contain suitable breeding or upland habitat. Through implementation of the aforementioned Avoidance and Minimization measures, the Project will not directly or indirectly impact the California red-legged frog or its habitat.

San Francisco Garter snake

A CNDDDB occurrence (No. 8) for the federally and state threatened San Francisco garter snake (*Thamnophis sirtalis tetrataenia*) occurs approximately 500 feet south of the Project Area in Pescadero Marsh and Pescadero Creek (CDFW 2023a). The San

Francisco garter snake population was last observed in 1985 and is assumed to be extant. The Project Area (asphalt) does not contain suitable aquatic habitat. Therefore, there is no potential for the snake to occur in the Project Area and the Project will not directly or indirectly impact the San Francisco Garter snake or its habitat.

Choris' popcorn flower

A CNDDDB occurrence (No. 41) for Choris' popcorn flower occurs approximately 245 feet south of the Project Area in a mesic depression (CDFW 2023a). As the Project Area does not contain any exposed soil, there is no potential for the Choris popcorn flower to occur in the Project Area, as corroborated by the 2023 survey. Therefore, the Project will not impact the Choris' popcorn flower and the Avoidance and Minimization Measures will prevent indirect impacts its habitat.

Pescadero State Beach Central

Project and Property Description

Work proposed in the Pescadero State Beach central parking lot (Project Area) is approximately 0.64 mile south of the Pescadero State Beach north parking lot discussed above. Butano Creek crosses below Highway 1 and outlets to the Pacific Ocean north of the Project Area. Totalling 0.028 acre, the Project Area consists of a western fragment of the parking lot and a restroom west adjacent to the parking lot surrounded by disturbed coastal scrub; the disturbed coastal scrub is dominated by seaside woolly sunflower (*Eriophyllum staechadifolium*), poison oak (*Toxicodendron diversilobum*), and invasives species, poison hemlock (*Conium maculatum*) and black mustard (*Brassica nigra*). The invasive species coverage decreases with distance from the restroom and transitions to coastal scrub (i.e., not disturbed). The Project Area's elevation averages approximately 52 feet amsl. The Project Area contains soil map unit Baywood sandy loam, gently slopping, eroded (UC Davis 2023). The Project proposes to replace the single vault toilet with a double vault toilet, install ADA accessible parking in the disturbed coastal scrub, and construct a concrete walkway in the asphalt parking lot, as elaborated and depicted in Attachments 1 and 2. The Project would expand the existing developed footprint by approximately 476 square feet (0.010 acre).

Sensitive Biological Resources

Butano Creek

Butano Creek is separated from the Project by approximately 200 feet of asphalt and 55 feet of coastal and riparian scrub. Implementation of the Project's Storm Water Loss Prevention Plan will ensure the Project does not contaminate surface waters through release of vehicle fluids, construction materials, or sedimentation. Furthermore, the Project will remain in compliance with the Central Coast Regional Water Quality Control Board's Basin Plan Water Quality Objectives. As a result, the Project will not impact San Gregorio Creek.

Western Snowy Plover

A CNDDDB occurrence (No. 67) for the federally threatened western snowy plover (*Charadrius nivosus nivosus*) overlaps with the Project Area, but is described as occurring along Pescadero State Beach west of Highway 1 and south of the Pescadero Creek mouth; the occurrence was last observed in 1978 and is assumed to be extant (CDFW 2023a). The Project Area does not contain suitable nesting habitat for the western snowy plover. The western snowy plover is not anticipated to move closer to the audible commotion of Project Activities. Through the Project's Avoidance and Minimization Measures, including nesting bird surveys and buffer implementation for observed nests, the Project will not directly or indirectly impact the western snowy plover.

California Red-Legged Frog

Two California red-legged frogs were observed dead on Highway 1 in 2014 (Occurrence No. 1689) and the occurrence overlaps with the Project Area (CDFW 2023a). The Project Area does not contain aquatic breeding habitat and the disturbed coastal scrub is of low-quality upland habitat. Furthermore, the marsh and coastal scrub associated with Butano Creek is higher quality habitat with much lower disturbance. As a result, there is a very low chance of the California red-legged frog occurring in the Project Area. Regardless, the Project's Avoidance and Minimization measures, including a preconstruction survey and implementation of the Storm Water Loss Prevention Plan would ensure the California red-legged frog is not directly or indirectly impacted by the project.

Salt Marsh Milk-Vetch

There is an occurrence for salt marsh milk-vetch (Occurrence No. 3) approximately 880 feet east of the Project Area along the levee margins of Pescadero Marsh (CDFW 2023a). The Project Area does not contain suitable mesic habitat and there is no potential for the variety to occur in the Project Area. As a result, the Project would not directly or indirectly the impact salt marsh milk-vetch population.

Choris' Popcorn Flower

There is a Choris' popcorn flower CNDDDB occurrence (No. 6) that broadly includes the Project Area, but is described as occurring at edge of the coastal bluff scrub in a bare zone with matted vegetation along the footpath (CDFW 2023a). The Project Area does not contain suitable mesic habitat and there is no potential for the variety to occur in the Project Area, as corroborated by the 2023 survey. As a result, the Project would not impact the Choris' popcorn flower and indirect impacts are prevented by the Avoidance and Minimization Measures.

Santa Cruz Microseris

The disturbed coastal scrub contains low quality habitat for the CRPR 1B.2 Santa Cruz microseris, which is the one special-status plant species from the inventory search whose blooming period the reconnaissance survey did not coincide with. The closest Santa Cruz microseris occurrence (No. 17) is approximately 10 miles southeast of the

Project Area; the occurrence is from 1985 and lacks an exact location (CDFW 2023a). Therefore, it is incredibly likely this species has remained undetected adjacent to a public restroom in a state beach's parking lot given the distance from the 1985 observation and the numerous special-status species observations on and adjacent to State Parks property. Regardless, the Avoidance and Minimization Measures (Attachment 3) ensures an appropriately timed special-status plant survey will be conducted of the Project Area and if perennial special-status species are observed, they will be transplanted to suitable habitat outside of the Project Area under the direction of District Resource Staff, a DPR Environmental Scientist, or a DPR-approved biologist. As a result, the population will not be impacted.

Bean Hollow State Beach

Project and Property Description

The Bean Hollow Parking Lot occurs west of Highway 1 and just north of Bean Hollow Road's intersection with Highway 1. At the State Beach, Arroyo De Los Frijoles outlets to the Pacific Ocean south adjacent to the parking lot. The project proposed at the Bean Hollow State Beach parking lot (Project) totals 0.092 acre. The Project Area consists of a portion of the parking lot, the restroom and its walkway, coastal scrub adjacent to the walkway, and a picnic table location. The Project Area is surrounded by coastal scrub, ice plant mats (*Carpobrotus* sp.), and Highway 1. Coastal scrub dominated by coyote brush (*Baccharis pilularis*) and poison oak (*Toxicodendron diversilobum*) wraps around the eastside of the restroom. The Project Area's elevation averages approximately 25 feet amsl and contains soil map unit Watsonville sandy loam, moderately steep, eroded (UC Davis 2023).

The Project proposes to replace the 4 chemical toilets with one double-vault toilet, replace the restroom walkway with an ADA accessible ramp, install ADA accessible parking in the parking lot, and install an accessible picnic table with an associated sidewalk at the current picnic table location. Construction of the restroom's accessible walkway would temporarily disturb approximately 90 square feet of coastal scrub, which would be hydroseeded with native plants post-construction.

Sensitive Biological Resources

Arroyo De Los Frijoles

Arroyo De Los Frijoles is separated from the Project Area by approximately 45 feet of ice plant mats and sandstone cliff. Implementation of the Project's Storm Water Loss Prevention Plan will ensure the Project does not contaminate surface waters through release of vehicle fluids, construction materials, or sedimentation. Furthermore, the Project will remain in compliance with the Central Coast Regional Water Quality Control Board's Basin Plan Water Quality Objectives. As a result, the Project will not impact Arroyo De Los Frijoles.

California Red-Legged Frog

There is an occurrence for the California red-legged frog (No. 562) approximately 240

southeast of the Project Area (CDFW 2023a). The occurrence consists of a 1991 observation in Bean Hollow Marsh and dead on-the-road observations from 2014 and 2019. The Project Area does not contain suitable breeding habitat for the California red-legged frog. The coastal scrub east of the rest room offers low quality upland habitat. Regardless, implementation of the Avoidance and Minimization Measures would ensure the Project Area is surveyed prior to construction and that the Project does not directly or indirectly impact the California red-legged frog.

Tidewater Goby

There is a CNDDDB occurrence for the tidewater goby (Occurrence No. 25) spanning from the mouth of Arroyo De Los Frijoles to 0.5 mile upstream; the last reported survey observed the species in 1996 and the occurrence is presumed extant (CDFW 2023a). The Project will not impact the tidewater goby because no work is proposed in the creek and Avoidance and Minimization Measures will ensure there are no incidental discharges into the creek.

California Monarch Over Wintering Population

An CNDDDB occurrence for the California monarch over wintering population (*Danaus plexippus plexippus* pop. 1) (Occurrence No. 51) overlaps with the Project Area, but the 1984 occurrence specifies the observation is 200 feet north of Bean Hollow State Beach (CDFW 2023a). The Project Area does not contain trees for the butterfly's wintering congregation or milkweed for larval nourishment. As a result, the California monarch over wintering population does not have suitable habitat in the Project Area and the Project will not directly or indirectly impact the species.

Salt Marsh Milk-Vetch

A mile-wide possibly-extirpated CNDDDB occurrence (No. 2) for the salt marsh-milk vetch overlaps with the Project Area (CDFW 2023a). However, the record is from a 1938 observation that lacks an exact location. Perhaps the variety was observed along Arroyo De Los Frijoles, but the Project Area does not contain suitable mesic habitat and there is no potential for the species to be impacted by the Project as the variety was not observed in the Project Area during the 2023 survey. Furthermore, the same Avoidance and Minimization measures protecting the Arroyo De Los Frijoles would also protect habitat for the salt marsh milk-vetch.

Blasdale's Bent Grass

A known occurrence of CRPR 1B.2 Blasdale's bent grass (*Agrostis blasdalei*; CNDDDB Occurrence Number 63) was observed approximately 430 feet north of the Project Area; several individuals were observed along the trail, and it is assumed more occur further along the coastal bluff (CDFW 2023a). Incredibly low-quality habitat for Blasdale's bent grass occurs at the BBQ and picnic area, but the frequent use and disturbance reduces the potential for the species to occur in the Project Area. The Project's Avoidance and Minimization Measures, including a preconstruction botanical survey and transplanting of perennial special-status plants in the Project, would ensure the Project avoid impacts and prevents extirpation of the species.

Santa Cruz Microseris

The coastal scrub contains low quality habitat for the CRPR 1B.2 Santa Cruz microseris, which is the one special-status plant species from the inventory search whose blooming period the reconnaissance survey did not coincide with. The closest Santa Cruz microseris occurrence (No. 17) is approximately 7.5 miles southeast of the Project Area; the occurrence is from 1985 and lacks an exact location (CDFW 2023a). Therefore, it is incredibly likely this species has remained undetected adjacent to a public restroom in a state beach's parking lot given the numerous special-status species observations on and adjacent to State Parks property and the distance from the 1985 occurrence. Regardless, the Avoidance and Minimization Measures (Attachment 3) ensures an appropriately timed special-status plant survey will be conducted of the Project Area and if perennial special-status species are observed, they will be transplanted to suitable habitat outside of the Project Area under the direction of District Resource Staff, a DPR Environmental Scientist, or a DPR-approved biologist.

Ano Nuevo Gazos State Beach

Project and Property Description

The Ano Nuevo Gazos State Beach parking lot occurs west of the intersection between Gazos Creek Road and Highway 1. Gazos Creek outlets to the Pacific Ocean south of the State Beach parking lot. The project proposed at Anu Nuevo Gazos State Beach Parking lot (Project) totals 0.044 acre. The Project Area consists a chemical toilet on the asphalt parking lot and a portion of the parking lot surrounding the restroom. The Project Area is surrounded by non-native annual grassland, with a fallow agricultural field to the north and coastal scrub to the west and south. Within the fallow field is a small mesic mosaic of rush (*Juncus* sp.) and upland woody species, California blackberry (*Rubus ursinus*) and coyote brush (*Baccharis pilularis*). The Project Area's average elevation is approximately 44 amsl and contains soil map unit Colma sandy loam, steep, eroded (CmE2) (Google Earth 2023 and UC Davis 2023). The Project proposes to replace the chemical toilet with a double vault toilet and construct accessible parking in the parking lot.

Sensitive Biological Resources

Gazos Creek

Gazos Creek is buffered from the Project Area by approximately 50 feet of asphalt and 200 feet of coastal scrub and riparian habitat. Implementation of the Project's Storm Water Loss Prevention Plan will ensure the Project does not contaminate surface waters through release of vehicle fluids, construction materials, or sedimentation. Furthermore, the Project will remain in compliance with the Central Coast Regional Water Quality Control Board's Basin Plan Water Quality Objectives. As a result, the Project will not impact Gazos Creek.

San Francisco Garter Snake

An occurrence for the San Francisco garter snake (CNDDDB occurrence No. 1) overlaps with the Project Area in a larger polygon encompassing the Whitehouse Creek System,

where two snakes were observed in 1975 (CDFW 2023a). The Project Area does not contain suitable aquatic habitat and the Project will not directly impact the San Francisco Garter snake. As described above for Gazos Creek, the Avoidance and Minimization Measures will ensure indirect impacts to aquatic resources are avoided.

Central California Coast Steelhead

There is a CNDDDB occurrence (No. 8) for the Central California Coast Steelhead DPS in Gazos Creek; it was last surveyed in 1985 (CDFW 2023a). The Project will not impact the Central California Coast Steelhead because no work is proposed in the creek and Avoidance and Minimization Measures will ensure there are no incidental discharges into the creek.

California Red-Legged Frog

There is a CNDDDB occurrence (No. 1693) for the California red-legged frog that overlaps with the Project Area at Highway 1's crossing of Gazos Creek; the occurrence details dead on-the-road observations in 2014 and 2016 (CDFW 2023a). Gazo Creek Lagoon is potential breeding habitat for the frog and the surrounding riparian vegetation and grasslands offer upland habitat. The Project Area does not contain suitable breeding habitat or upland habitat for the California red-legged frog. Implementation of the Avoidance and Minimization would ensure the Project Area and its vicinity is surveyed prior to construction and that the Project does not directly or indirectly impact the surrounding habitat.

Western Bumblebee

There is a CNDDDB occurrence for the western bumblebee that overlaps the Project Area (CDFW 2023a). However, the occurrence is from a 1972 observation that lacks an exact location, which was described as occurring 23 miles south of Half Moon Bay. The Project will not impact the western bumblebee because the Project Area is paved and the bumblebees would fly away from the Project construction noise.

Townsend's Big Ear Bat

There is a CNDDDB occurrence (No. 426) for the Species of Special Concern Townsend's big ear bat (*Corynorhinus townsendii*) that overlaps with the Project Area (CDFW 2023a). The occurrence lacks a known location, but is 0.1 mile south of Gazos Creek State Beach on the east side of Highway 1 at an abandoned house; the site was considered a maternity roost with observations dating back to 1987. The Project Area could contain low quality roosting habitat on old structures around the Project Area. The Avoidance and Minimization Measure's preconstruction survey will ensure the Project will not commence until special-status species have left the site on their own volition. Therefore, the Project will not impact the Townsend's big ear bat.

Choris' Popcorn Flower

There is a CNDDDB occurrence (No. 2) for the Choris' popcorn flower that overlaps with the Project Area; the occurrence was mapped without an exact location at a dune area south of the mouth of Gazos Creek (CDFW 2023a). The Project Area does not contain

suitable mesic habitat and there is no potential for the variety to occur in the Project Area, as corroborated by the 2023 survey. While the swath of rush north of the restroom could support habitat, the species was not observed during the 2023 reconnaissance when it was observed in bloom at Pomponio State Beach. The Project includes a preconstruction botanical survey and an associated avoidance and minimization measures. As a result, the Project would not impact the Choris' popcorn flower.

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Attachment 1 – Project Description

SUMMARY

- Remove existing wood framed vault and chemical toilets with required sitework detailed below at nine locations. See attached plan sheets for location details.
- Prior to removal, the vaults shall be pumped empty of all sewage and disposed off-site. Vaults will be removed to the extent possible with minimal excavation; maximum excavation for removal 6' by 6' by 3' depth.
- There shall be a total of 5 "removal" excavation locations including (San Gregorio, Pompino, Pescadero {North, Central, & South} State Beaches
- Excavations from existing vault removals will be used to install new vaults.
- There are total of 4 locations (Burley Murray Ranch, Cowell Ranch, Bean Hollow, and Ano Nuevo Beach) where existing chemical toilets will be removed and disposed off-site.
- All existing concrete, asphalt, and spoils will be hauled and disposed off-site.
- All locations will install either single or double precast concrete vaults. Elevations and footprint dimensions shown on included precast single & double vault sheets.

1) Sheet C-2 Burleigh H. Murray:

- Remove existing chemical toilet
- Single Vault Toilet installation will require pit to be dug approximately 4'-6" deep X 7' wide X 15' long.
- 50 square feet of 17" depth excavation for 5" concrete over 12" aggregate base concrete walk
- 306 square feet of 18" deep excavation for 6" concrete over 12" aggregate base accessible parking stall.
- 610 square feet of excavation for aggregate base compacted to 13.5" depth over geotextile mat for transition to existing road
- 80 square feet of excavation for drainage swale approximately 12" deep
- 1' x 38 linear feet of 12" deep excavation for aggregate base bench for drainage
- Dig two 12" deep x 5" wide holes for installation of ADA sign on posts
- Install parking blocks and parking striping

2) Sheet C-4 Cowell Ranch :

- Remove existing chemical toilet
- Remove existing wood privacy partition by excavating existing concrete piers 2' deep x 2' wide x 2' long.
- Remove existing concrete pad by excavating 100 square feet at 4" depth.
- Single vault toilet installation will require pit to be dug approximately 4'-6" deep X 7' wide X 15' long.
- 100 square feet of 16" deep excavation for 5" thick concrete apron over 12" compacted aggregate base
- 306 square feet of 18" deep excavation for 6" concrete over 12" aggregate base accessible parking stall.
- 355 square feet of 6" depth excavation for aggregate base compacted to 6" depth for transition to existing road
- 825 square feet of 6" excavation for aggregate base compacted to 6" depth for drainage

- 1' x 59 linear feet of 12" deep excavation for aggregate base bench for drainage
- Install 6 linear feet of concrete curb by excavating 6' long x 1' wide x 1' depth
- 70 Square feet of drainage swale approximately 12" deep
- Dig two 12" deep x 5" wide holes for installation of ADA signs on posts
- install parking blocks and parking striping

3) Sheet C-6 San Gregorio SB:

- Remove existing single vault toilet excavation including 6' by 6' by 3' depth
- Remove existing concrete pad by excavating 100 square feet at 4" depth.
- Remove existing concrete curb by excavating 20' x 1' x 1' depth.
- 2 double vault toilet installations will require 1 pit to be dug approximately 4'-6" deep X 7' wide X 15' long. The second vault will re-use existing excavation from vault that was removed.
- Install concrete curb by excavating 60' long x 1' wide x 1' depth
- Construct concrete parking slab by excavating approximately 1710 square feet x 2 feet deep; install aggregate base compacted to 18" depth followed by 6" thick concrete pad.
- Construct concrete access road by excavating approximately 910 square feet x 2 feet deep; install aggregate base compacted to 18" depth followed by 6" thick concrete.
- Construct access road transition by excavating 100 square feet 20" deep to install aggregate base compacted to 20"
- Construct concrete walk by excavating approximately 900 square feet x 23 inches deep; install aggregate base compacted to 18" depth followed by 5" thick concrete pad.
- Construct concrete curb ramp 25 square feet, maximum height 1.5 feet on top of previously disturbed building pad
- Construct concrete pad for interpretive sign installation by excavating approximately 128 square feet x 18 inches deep; install aggregate base compacted to 13" depth followed by 5" thick concrete pad.
- Install trench drain by excavating 12 ft x 1 foot x 1 foot.
- Construct 3375 square feet of asphalt by excavating 3375 square feet x 16.5 inches deep and installing aggregate base compacted to 13" depth under 3.5 inches of asphalt.
- Construct decomposed granite walkway by excavating 400 square feet x 20" deep and installing geotextile fabric followed by aggregate base compacted to 20 inch depth
- Install class 2 rock slope protection for 800 square feet by machine placing 9" diameter (60lb.) rock on top of previously disturbed building pad
- Install 4" depth wood mulch approximately 500 square feet on top of previously disturbed building pad.
- Install picnic shade structure by excavating 16' wide x 19' Long x 18" deep.
- Install 2 concrete picnic tables
- Install 12' wide x 4' tall metal pipe vehicle gate by excavating 2' deep x 1' wide hole.
- Dig four 12" deep x 5" wide holes for installation of ADA signs on posts

- install parking blocks and parking striping

4) Sheet C-9 Pompino

- Remove existing double vault toilet with excavation 6' by 6' by 3' depth
- Remove 800 square feet of existing asphalt by excavating 4" deep. Remove & dispose off-site
- Remove 8 existing wood bollards by excavating 1 foot square x 1 foot deep hole.
- Remove existing wooden display case by excavating two holes approximately 2' square by 18" deep.
- One double vault toilet installation will require 1 pit to be dug approximately 4'-6" deep X 7' wide X 15' long. Excavation from vault removed will be used.
- Construct concrete parking slab by excavating approximately 1080 square feet x 2 feet deep; install aggregate base compacted to 18" depth followed by 6" thick concrete pad.
- Construct concrete walk by excavating approximately 65 square feet x 23 inches deep; install aggregate base compacted to 18" depth followed by 5" thick concrete pad.
- Construct 450 square feet of asphalt by excavating 450 square feet x 16.5 inches deep and installing aggregate base compacted to 13" depth under 3.5 inches of asphalt
- 100 Square feet of drainage swale excavated to 12" deep
- Construct walkway by excavating 475 square feet x 6" deep and installing geotextile fabric followed by decomposed granite compacted to 6" depth
- 1' x 64 linear feet of 12" deep aggregate base bench for drainage
- Install display case measuring 65" x 32" x 122" Height wooden display case by excavating two 2' square by 2' deep holes.
- Relocate existing self-pay station by excavating 2' square by 1' deep
- Install 7 concrete accessible picnic tables
- Install 1 barbecue by excavating 1' square by 1' deep
- Install 3 trash & recycle containers excavating 1' square by 1' deep
- Install 12' wide x 4' tall metal pipe vehicle gate by excavating 2' deep x 1' wide hole.
- Dig four 12" deep x 5" wide holes for installation of ADA signs on posts
- install parking blocks and parking striping

5) Sheet C-14 Pescadero North

- Remove existing single vault toilet by excavating 6' by 6' by 3' depth
- Remove 60 square feet of existing concrete by excavating 4" deep.
- Remove 950 square feet of existing asphalt by excavating 4" deep.
- One double vault toilet installation will require 1 pit to be dug approximately 4'-6" deep X 7' wide X 15' long to modify and utilize hole from existing vault removal.
- Install concrete curb by excavating 70' long x 1' wide x 1' depth
- Construct 470 square feet of accessible parking by excavating 470 square feet x 18 inches deep and installing aggregate base compacted to 12" depth under 6 inches of concrete

- Construct concrete walk by excavating approximately 270 square feet x 17 inches deep; install aggregate base compacted to 12" depth followed by 5" thick concrete pad.
- Construct concrete ramp 50 square feet, maximum height 1.5 feet on top of previously disturbed building pad
- Construct 500 square feet of asphalt by excavating 500 square feet x 16.5 inches deep and installing aggregate base compacted to 13" depth under 3.5 inches of asphalt
- 50 square feet of aggregate base compacted to 6" depth requiring excavation of same area and depth
- Dig two 12" deep x 5" wide holes for installation of ADA signs on posts
- install parking blocks and parking striping

6) Sheet C-16 Pescadero Central

- Remove existing single vault toilet by excavating 6' by 6' by 3' depth
- Remove 100 Square feet of existing concrete by excavating 4" deep. Remove & dispose off-site
- Remove 150 Square feet of existing asphalt by excavating 4" deep. Remove & dispose off-site
- One double vault toilet installation will require 1 pit to be dug approximately 4'-6" deep X 7' wide X 15' long to modify and utilize hole from existing single vault removal.
- Construct 306 square feet of accessible parking by excavating 306 square feet x 18 inches deep and installing aggregate base compacted to 12" depth under 6 inches of concrete
- Construct concrete walk by excavating approximately 118 square feet x 17 inches deep; install aggregate base compacted to 12" depth followed by 5" thick concrete pad.
- Construct 405 square feet of asphalt by excavating 405 square feet x 16.5 inches deep and installing aggregate base compacted to 13" depth under 3.5 inches of asphalt
- Dig two 12" deep x 5" wide holes for installation of ADA signs on posts
- Install 1 trash & recycle containers excavating 1' square by 1' deep
- install parking blocks and parking striping

7) Sheet C-18 Pescadero South

- Remove existing double vault toilet by excavating 6' by 6' by 3' depth
- Remove 60 Square feet of existing concrete by excavating 4" deep. Remove & dispose off-site
- One double vault toilet installation will require 1 pit to be dug approximately 4'-6" deep X 7' wide X 15' long to modify and utilize hole from existing single vault removal.
- Construct 306 square feet of accessible parking by excavating 306 square feet x 18 inches deep and installing aggregate base compacted to 12" depth under 6 inches of concrete
- Construct concrete walk by excavating approximately 155 square feet x 17 inches deep; install aggregate base compacted to 12" depth followed by 5" thick concrete pad.

- Construct 405 square feet of asphalt by excavating 405 square feet x 16.5 inches deep and installing aggregate base compacted to 13" depth under 3.5 inches of asphalt
- 1' x 61 linear feet of 12" deep excavation for aggregate base bench for drainage
- Dig two 12" deep x 5" wide holes for installation of ADA signs on posts
- Install 1 trash & recycle containers excavating 1' square by 1' deep
- install parking blocks and parking striping
- 200 Square feet of drainage swale excavated to 12" deep
- Place 4 boulders with forklift

8) Sheet C-20 Bean Hollow

- Remove 4 existing chemical toilets
- Remove existing wood framed structure approximately 250 square feet
- Remove existing redwood tank approximately 10 feet in diameter x 6 feet height
- Remove 50 square feet of existing concrete by excavating 4" deep. Remove & dispose off-site
- Remove 500 Square feet of existing asphalt by excavating 4" deep. Remove & dispose off-site
- Remove 25 linear feet of concrete curb by excavating 25' x 1' x 1'.
- Remove existing signage by digging two 2' square x 1' deep holes
- One double vault toilet installation will require 1 pit to be dug approximately 4'-6" deep X 7' wide X 15' long
- Construct concrete ramp 280 square feet, maximum height 2 feet on top of previously disturbed building pad
- Construct 306 square feet of accessible parking by excavating 306 square feet x 18 inches deep and installing aggregate base compacted to 12" depth under 6 inches of concrete
- Construct concrete walk by excavating approximately 125 square feet x 17 inches deep; install aggregate base compacted to 12" depth followed by 5" thick concrete pad.
- Construct 760 square feet of asphalt by excavating 405 square feet x 16.5 inches deep and installing aggregate base compacted to 13" depth under 3.5 inches of asphalt
- Construct concrete picnic table pad by excavating 188 square feet 17" deep for installation of 5" concrete over 12" of compacted aggregate base.
- 100 Square feet of drainage swale approximately 12" deep
- 1' x 150 linear feet of 12" deep aggregate base bench for drainage
- Install display case measuring 65 "x 32" x 122" Height wooden display case by excavating two 2' square by 2' deep holes.
- Install Jute matt at grade and hydroseed for 900 square foot area
- Dig two 12" deep x 5" wide holes for installation of ADA signs on posts
- install parking blocks and parking striping

9) Sheet C-23 Ano Nuevo

- Remove 1 existing chemical toilet
- One double vault toilet installation will require 1 pit to be dug approximately 4'-6" deep X 7' wide X 15' long

- Construct concrete curb ramp 20 square feet, maximum height .85 feet on top of previously disturbed building pad
- Construct 306 square feet of accessible parking by excavating 306 square feet x 18 inches deep and installing aggregate base compacted to 12" depth under 6 inches of concrete
- Construct concrete walk by excavating approximately 200 square feet x 17 inches deep; install aggregate base compacted to 12" depth followed by 5" thick concrete pad.
- Construct 200 square feet of asphalt by excavating 200 square feet x 16.5 inches deep and installing aggregate base compacted to 13" depth under 3.5 inches of asphalt
- Install 20 linear feet of concrete curb by excavating 20' long x 1' wide x 1' depth
- Dig two 12" deep x 5" wide holes for installation of ADA signs on posts
- install parking blocks and parking striping

Attachment 2 – Engineering Plans

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION FACILITIES AND DEVELOPMENT DIVISION SAN MATEO COAST VAULT RESTROOM REPLACEMENT

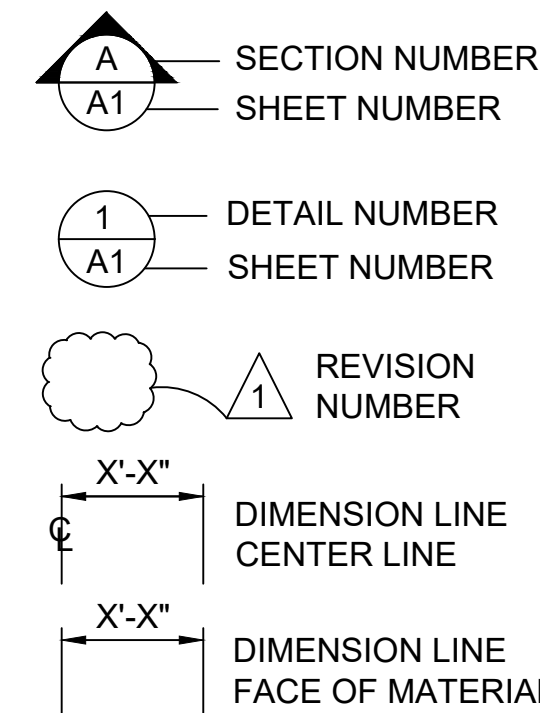


FACILITIES AND DEVELOPMENT DIVISION

DEMOLISH EXISTING NON COMPLIANT RESTROOMS AND REPLACE WITH PRECAST CONCRETE VAULT RESTROOM. UPGRADE EXISTING PARKING TO MEET CURRENT ADA REQUIREMENTS. BARRIER REMOVAL AT PATH OF TRAVEL FROM PARKING TO RESTROOM AND ANY DAY-USE SITE AMENITIES ON THE PATH OF TRAVEL.

SCOPE OF WORK

- ALL MATERIALS SHOWN OR NOTED ON THE PLANS ARE NEW UNLESS CALLED OUT OTHERWISE.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS SHOWN OR DIMENSIONED HERE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STATE REPRESENTATIVE FOR RESOLUTION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE FOLLOWING LISTED CODES, AND ALL OTHERS HAVING JURISDICTION OVER THE WORK.
TITLE 19, CCR, PUBLIC SAFETY, SFM REGULATIONS.
2022 CA ADMINISTRATIVE CODE TITLE 24, PT 1.
2022 CA BUILDING CODE (CBC) TITLE 24, PT 2.
2022 CA ELECTRICAL CODE (CEC) TITLE 24, PT 3.
2022 CA MECHANICAL CODE (CMC) TITLE 24, PT 4.
2022 CA PLUMBING CODE (CPC) TITLE 24, PT 5.
2022 CA ENERGY CODE CCR TITLE 24, PT 6.
2022 CA GREEN BUILDING STANDARDS TITLE 24, PT 11.
2022 CA REFERENCED STANDARDS TITLE 24, PT 12.
2010 ADA STANDARD FOR ACCESSIBLE DESIGN.
THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES.
- CONDUCT ALL WORK IN ACCORDANCE WITH THE LATEST SAFETY RULES AND REGULATIONS OF ALL AUTHORITIES AND AGENCIES HAVING JURISDICTION OVER THE WORK.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. WHERE DETAILED INFORMATION OR CLARIFICATION IS REQUIRED, THE MATTER SHALL BE REFERRED TO THE STATE REPRESENTATIVE FOR WRITTEN RESOLUTION.
- THE CONTRACTOR SHALL NOT SCALE THE DRAWINGS, BUT SHALL RELY ONLY ON THE WRITTEN DIMENSIONS GIVEN. IF A DISCREPANCY OCCURS OR NO DIMENSION IS GIVEN, THE CONTRACTOR SHALL NOTIFY THE STATE REPRESENTATIVE FOR WRITTEN CLARIFICATION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- COMPLIANCE WITH ACCESSIBLE REGULATIONS FOR SLOPES AS STATED ON THE PLANS WILL BE VERIFIED BY THE STATE'S REPRESENTATIVE UTILIZING A 24 INCH DIGITAL LEVEL. THE 24 INCH DIGITAL LEVEL WILL BE SUPPLIED BY THE STATE AND WILL BE CALIBRATED BY THE STATE'S REPRESENTATIVE PRIOR TO THE TAKING OF ANY MEASUREMENTS. MEASUREMENTS WILL BE TAKEN IN ANY DIRECTION WITH THE 24" DIGITAL LEVEL AND MEASUREMENTS WILL VERIFY COMPLIANCE WITH SLOPES SPECIFIED ON THE PLANS. WORK THAT DOES NOT MEET THE REQUIREMENTS SHALL BE CONSIDERED NON-COMPLIANT AND WILL NOT BE ACCEPTED BY THE STATE. ANY AREA WHICH IS NON-COMPLIANT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

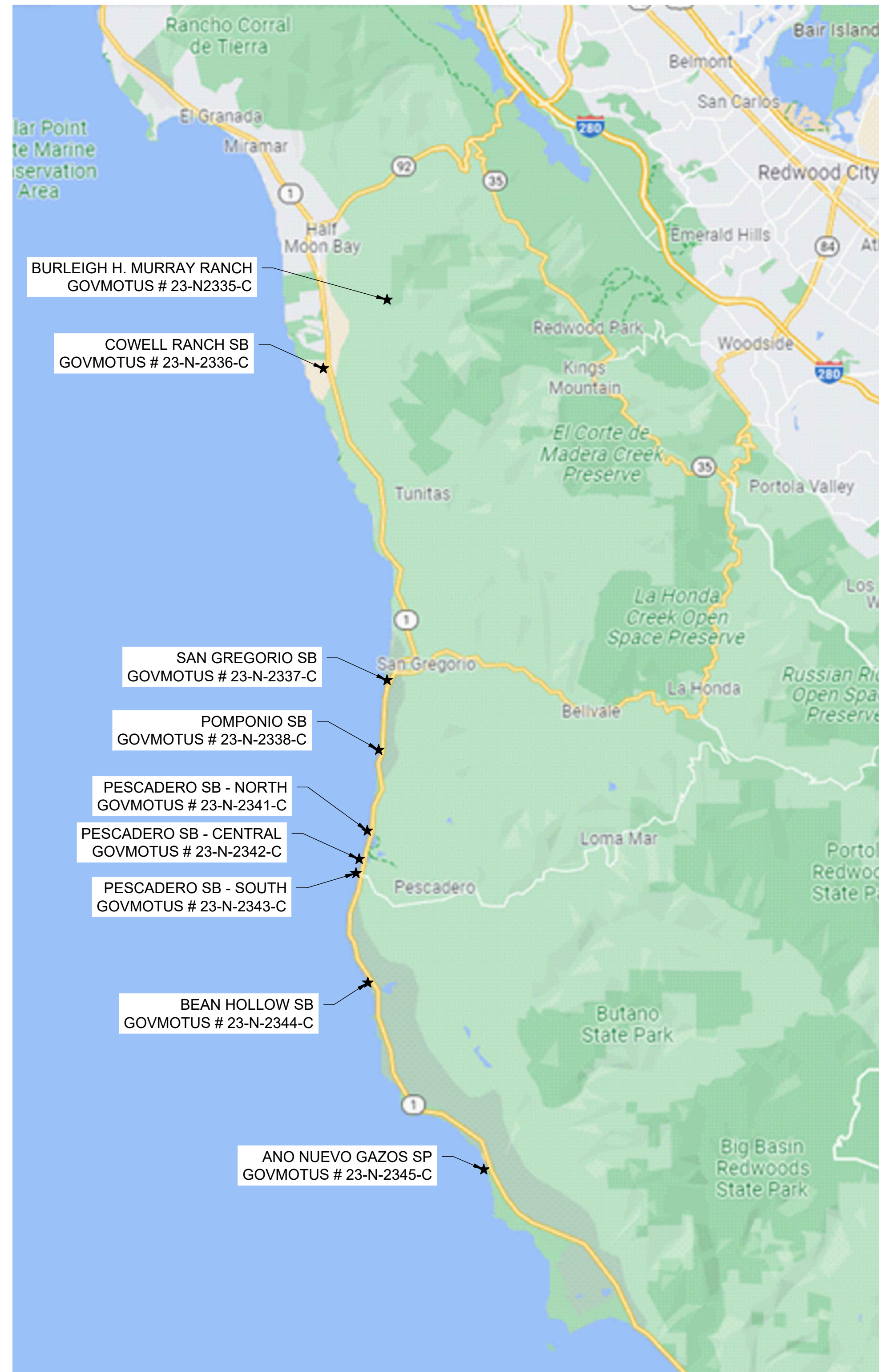


SYMBOLS LEGEND

GENERAL NOTES

- | | |
|--|----------------------|
| 1. OCCUPANCY CLASSIFICATION AND USE | B |
| 2. BUILDING CONSTRUCTION TYPE | I-B |
| 3. NUMBER OF STORIES | 1 |
| 4. ACTUAL BUILDING HEIGHT | 11.6 FT |
| 5. BUILDING AREA IN SQUARE FEET | |
| SINGLE VAULT | 110 SQ FT |
| DOUBLE VAULT | 171 SQ FT |
| TWO DOUBLE VAULT | 342 SQ FT |
| 6. AREA OF PROJECT IN SQUARE FEET | 5,000 SQ FT |
| 7. SEPERATED OR NON-SEPERATED USE | NON-SEPERATED |
| 8. ALLOWABLE AREA PER C.B.C. | 9,000 SQ FT |
| 9. AREA INCREASES | NONE |
| 10. HEIGHT INCREASES | NONE |
| 11. FIRE SPRINKLERS | NO |
| TYPE: (WET, DRY, PRE-ACTION OR DELUGE) | |
| 12. FIRE ALARM | NO |
| TYPE: (MANUAL, AUTOMATIC, ETC) | |
| 13. OTHER FIRE PROTECTION SYSTEMS, IF ANY | NO |
| 14. SMOKE CONTROL SYSTEM | NO |
| 15. OCCUPANT LOAD FOR ENTIRE BUILDING AND EACH FLOOR | VARIES (1 OR 2 OR 4) |
| 16. YEAR BUILDING WAS CONSTRUCTED | NEW CONSTRUCTION |
| 17. IN A HIGH FIRE HAZARD SEVERITY ZONE? | NO |

BUILDING CODE REVIEW



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005	C-2	GRADING & HORIZONTAL CONTROL PLAN - BURLEIGH H. MURRAY RANCH
006	C-3	EXISTING & DEMO PLAN - COWELL RANCH SB
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009	C-6	SITE PLAN - SAN GREGORIO SB
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018	C-15	EXISTING & DEMO PLAN - PESCADERO SB - CENTRAL
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024	C-21	GRADING & HORIZONTAL CONTROL - BEAN HOLLOW SB
025	C-22	EXISTING & DEMO PLAN - ANO NUEVO GAZOS SB
026	C-23	GRADING & HORIZONTAL CONTROL PLAN - ANO NUEVO GAZOS SP
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SHEET INDEX

STATE OF CALIFORNIA
DEPARTMENT OF PARKS AND RECREATION
FACILITIES AND DEVELOPMENT DIVISION
NORTHERN SERVICE CENTER
2241 HARVARD STREET, SUITE 200
SACRAMENTO, CA 95815

PREPARED BY

SANTA CRUZ DISTRICTWIDE
SAN MATEO COAST STATE BEACH, HIGHWAY 1, CALIFORNIA
PARK SECTOR OFFICE: 95 KELLY AVENUE, HALF MOON BAY, CA 94019
SAN MATEO COUNTY

SITE ADDRESS

« PRELIMINARY »
NOT FOR
CONSTRUCTION

DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION
NORTHERN SERVICE CENTER

DESIGNED: _____ DESIGNER
DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
COVER SHEET

206279.001

SHEET NO.
G-1
001 OF 040

CONCRETE

- STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH AS REQUIRED IN NOTE 24. MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.
- CONCRETE MIX DESIGNS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER, REVIEWED BY CONTRACTOR'S TESTING LABORATORY AND SUBMITTED TO THE STATE REPRESENTATIVE FOR REVIEW.
- CEMENTITIOUS MATERIALS:
CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II.
FLY ASH SHALL CONFORM TO ASTM C-618. MAXIMUM QUANTIFY OF FLY ASH SHALL BE AS GIVEN IN SPECS (15% MAXIMUM UNO).
- CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE AND ASTM C-330 FOR LIGHTWEIGHT CONCRETE.
- NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREMIXED NONMETALLIC FORMULA.
- REINFORCING BARS SHALL CONFORM TO ASTM D7957 / D7957M-17 FOR #3 AND LARGER. CONTRACTOR SHALL SUBMIT REBAR MANUFACTURER CERTIFICATES.
- REINFORCING BARS SHALL BE INSTALLED ACCORDING TO ACI 440.1-15 "GUIDE FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL CONCRETE REINFORCED WITH FIBER-REINFORCED POLYMER BARS AND ACI 440.5-08 "SPECIFICATION FOR CONSTRUCTION WITH FIBER-REINFORCED POLYMER REINFORCING BAR."
- DIMENSION SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS LISTED AND DENOTE CLEAR COVERAGE. NON-PRESTRESSED, CAST-IN-PLACE CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO:
CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) _____ 3"
CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS:
#5 AND SMALLER _____ 1-1/2"
#6 AND LARGER _____ 2"
SLABS (ON FORMS) _____ 3/4"
SLABS (ON GROUND) _____ 2" CLEAR FROM TOP UNO
- SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED UNO, SEE SCHEDULE THIS SHEET. SPLICES IN ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLICE CONTINUOUS BARS IN SOIL-BEARING GRADE BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIONS AS FOLLOWS UNO: TOP BARS AT CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLICE CONTINUOUS BARS IN ELEVATED SLABS AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE OF SUPPORT. SPLICES IN WWF SHALL BE 1-1/2" MESHES WIDE.
- THE MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN THE LARGER OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM AGGREGATE SIZE (NOMINAL), WHICHEVER IS GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR SPACING BETWEEN DIFFERENT LAYERS OF PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A CONTACT LAP SPLICE AND ADJACENT SPLICES OR BARS.
- ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED. AT WALLS, PROVIDE HOOKS AT ENDS OF ALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS, UNO.
- CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SAND BLASTING, OR RAKING THE SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
- REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE.
- ANCHOR BOLTS (AB'S) CAST IN CONCRETE OR MASONRY FOR WALL SILL AND LEDGER / APPLICATIONS SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM A307, UNO. REFER TO "WOOD" NOTES FOR ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH PRESSURE TREATED OR FIRE RETARDANT MATERIAL. REFER TO 'STRUCTURAL STEEL' NOTE FOR REQUIREMENTS FOR ANCHOR RODS (AR'S) CAST IN CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED APPLICATIONS.
- DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMN FROM FOUNDATION WITH SAME SIZE BAR.
- CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING BARS (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES HOPPER AND CHUTES OR TRUNKS OF VARIABLE LENGTHS SHALL BE USED SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 6 FEET.
- DRILL THROUGH STEEL COLUMNS, BEAMS AND PLATES TO PASS CONTINUOUS REINFORCING.
- NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
- PROVIDE #5 x 4'-0" DIAGONAL REINFORCING AT TOP AND BOTTOM OF SLAB AT ALL RE-ENTRANT CORNERS TYPICAL. THIS APPLIES TO SLAB ON GRADE, CONCRETE OVER METAL DECK, AND ELEVATED STRUCTURAL SLAB CONDITIONS.
- ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR DAMAGE.
- BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED.
- NOTIFY STATE REPRESENTATIVE A MINIMUM OF 48 HOURS BEFORE PLACING ANY CONCRETE.
- CONCRETE STRENGTHS & MIX PROPERTIES:

ITEM	F'C @ 28 DAYS	MAX. AGGR. SIZE	WEIGHT	MAX W/CM*
A. FOUNDATIONS	3500 PSI	1-1/2"	NW	0.45
B. SLAB ON GRADE	4000 PSI	1"	NW	0.45
C. SITE AND MISCELLANEOUS	3500 PSI	1"	NW	0.45

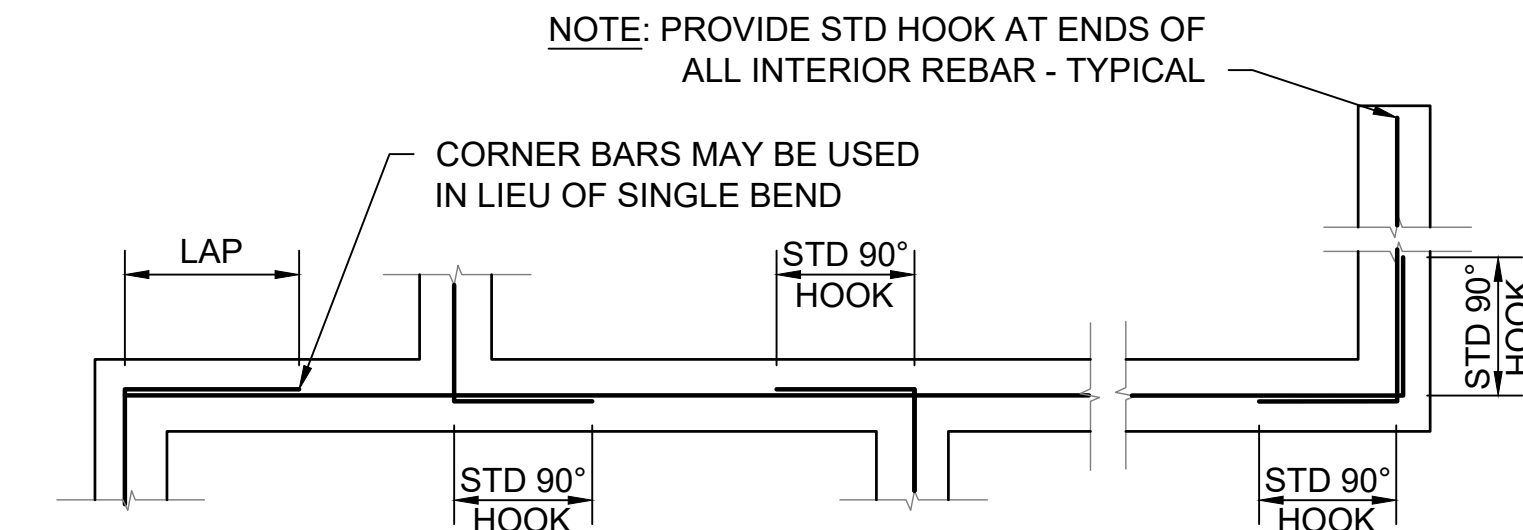
* W/CM = WATER : CEMENTITIOUS MATERIAL RATIO

REINFORCEMENT LAP SPLICE SCHEDULE:

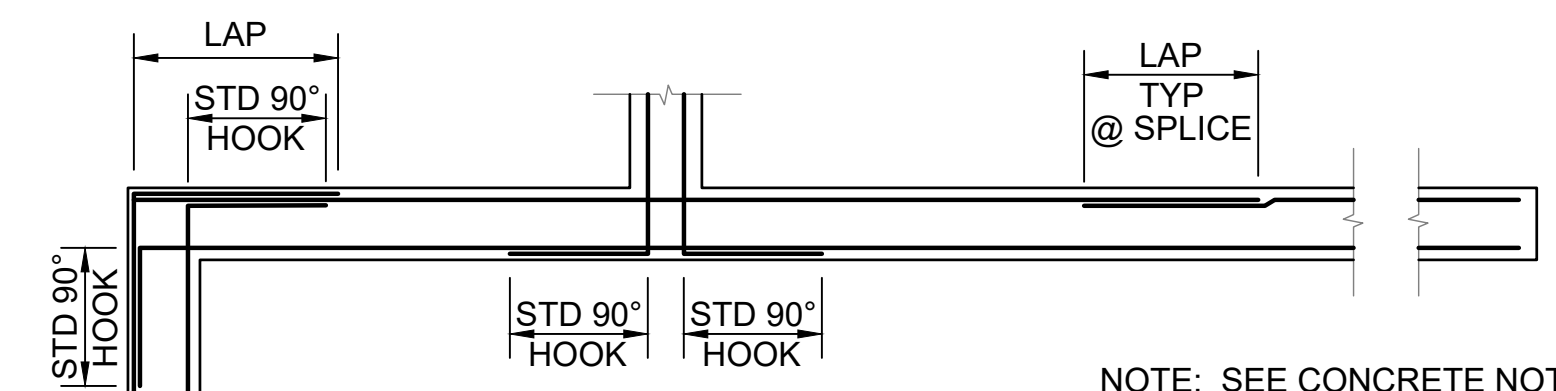
F'c = 3500 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	18	35	43	52	75	86	97	109	121
	OTHER	14	27	33	40	58	66	75	84	93
F'c = 4000 PSI CONC										
SPLICE CLASS	REINF LOCATION	#3	#4	#5	#6	#7	#8	#9	#10	#11
B	TOP	17	32	40	48	70	80	91	102	113
	OTHER	13	25	31	37	54	62	70	79	87

(ALL LENGTHS SHOWN ARE IN INCHES) ACI 318 2009 IBC 2016 CBC

- SCHEDULE APPLIES TO NORMAL WEIGHT CONCRETE WITH UNCOATED, GRADE 60 REINFORCING BARS FOR #4 BARS AND LARGER (VALUES FOR #3 BARS BASED ON GRADE 40).
- TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT LOCATED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.
- WHEN LIGHTWEIGHT CONCRETE IS USED, MULTIPLY LAP LENGTHS BY 1.30.
- WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR DIA. OR WHERE CLEAR COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIA., MULTIPLY LAP LENGTHS BY 1.50, UNO.
- WHERE NOTES #3 AND #4 OCCUR, MULTIPLY LAP LENGTHS BY 2.00, UNO.
- WHERE CLASS A LAP SPLICE IS NOTED IN DETAIL, DIVIDE LENGTH ABOVE BY 1.30.



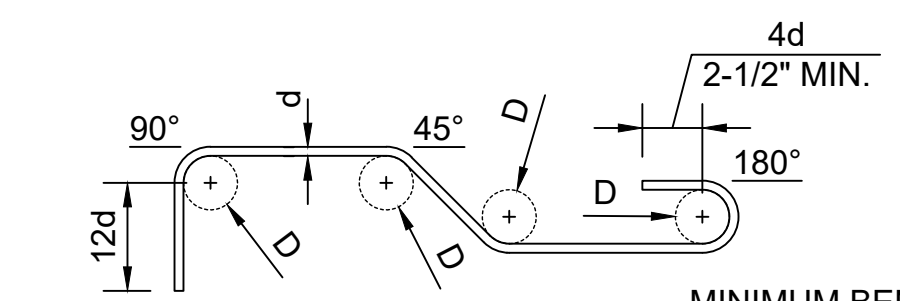
SINGLE LAYER BARS



DOUBLE LAYER BARS

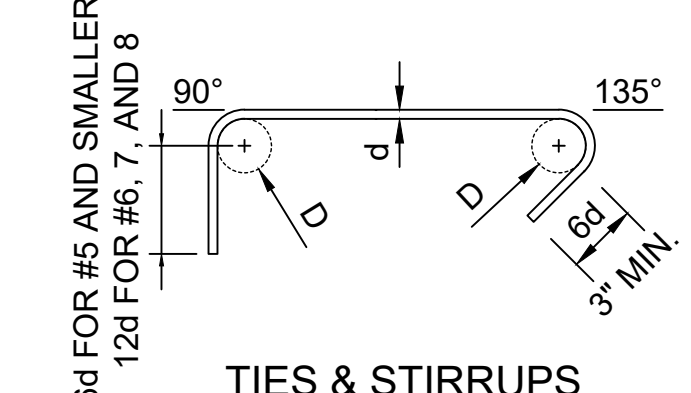
1 CORNER REINFORCING AT CONCRETE FOOTINGS

SCALE@22X34 3/8" = 1'-0"



END HOOKS & BENDS

MINIMUM BEND DIAMETER:
D = 6d FOR #3 THRU #8
D = 8d FOR #9 THRU #11
D = 10d FOR #14 THRU #18



TIES & STIRRUPS

NOTE:
ALL HOOKS SHALL BE 90° OR 180° STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED.
MINIMUM BEND DIAMETER:
D = 4d FOR #3 THRU #5
D = 6d FOR #6 THRU #8

2 STANDARD REBAR HOOKS & BENDS

SCALE@22X34 1 1/2" = 1'-0"

ABBREVIATIONS

'	FEET	CP	CONTROL POINT	GALV	GALVANIZED	PTD	PAPER TOWER DISPENSER
* OR IN	INCHES	Ø, D OR DIA	DIAMETER	GB	GRADE BREAK	PVC	POLYVINYL CHLORIDE
&	AND	D	DEPTH	H	HEIGHT	R	RADIUS
#	NUMBER OR POUNDS	DBH	DIAMETER AT BREAST HEIGHT	HDG	HOT DIP GALVANIZE	RC	RELATIVE COMPACTION
(E)	EXISTING	DI	DRAINAGE INLET, DROP INLET	HMA	HOT MIX ASPHALT	RSP	ROCK SLOPE PROTECTION
(N)	NEW	DIAG	DIAGONAL	HOR	HORIZONTAL	S	SOUTH
@	AT	DIM	DIMENSION	HW	HEAD WALL	S=	SLOPE
AB	AGGREGATE BASE	DG	DECOMPOSED GRANITE	ID	INSIDE DIAMETER	SCD	SEAT COVER DISPENSER
AC	ASPHALTIC CONCRETE	DTL	DETAIL	IE	INVERT ELEVATION	SCH	SCHEDULE
ADA	AMERICAN DISABILITIES ACT	DWG	DRAWING	L	LENGTH	SCO	SANITARY CLEAN OUT
ADJ	ADJUSTABLE	E	EAST	LAV	LAVATORY	SD	SOAP DISPENSOR
AFF	ABOVE FINISH FLOOR	EA	EACH	LF	LINEAR FEET	SND	SANITARY NAPKIN DISPOSAL
APPROX	APPROXIMATE	EF	EACH FACE	LS	LANDSCAPE	SPEC'S	SPECIFICATIONS
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	EG	EXISTING GRADE ELEVATION	LVR	LOUVER	SS	STAINLESS STEEL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	ELV	ELEVATION	MAX	MAXIMUM	STA	STATION
AWS	AMERICAN WELDING SOCIETY	EOG	EDGE OF GUTTER	MFR	MANUFACTURER	STD	STANDARD
BC	BOTTOM OF CURB ELEVATION	EP	EDGE OF PAVEMENT	MIN	MINIMUM	TC	TOP OF CURB ELEVATION
BLDG	BUILDING	EQ	EQUAL	MISC	MISCELLANEOUS	TD	TRENCH DRAIN
B.O.	BOTTOM OF	(E)P	EXISTING PAVEMENT ELEVATION	N	NORTH	TPD	TOILET PAPER DISPENSER
BW	BOTTOM OF WALL ELEVATION	(E)S	EXISTING STAIR ELEVATION	N/A	NOT APPLICABLE	T.O.	TOP OF
Ⓞ	CENTERLINE	(E)TC	EXISTING TOP OF CURB ELEVATION	NPT	NATIONAL PIPE TAPER	TW	TOP OF WALL ELEVATION
C	CONCRETE ELEVATION	EV	ELECTRONIC VEHICLE	NTS	NOT TO SCALE	TYP	TYPICAL
CBC	CALIFORNIA BUILDING CODE	EW	EACH WAY	NW	NORMAL WEIGHT	UNO	UNLESS NOTED OTHERWISE
CIP	CAST-IN-PLACE	EXP	EXPANSION	OC	ON CENTER	UTIL	UTILITY
CLR	CLEAR	FF	FINISH FLOOR ELEVATION	OD	OUTSIDE DIAMETER	VIF	VERIFY IN FIELD
CO	CLEAN OUT	FG	FINISH GRADE	P	PAVEMENT ELEVATION	W	WATER, WEST, WIDTH
CONC	CONCRETE	FL	FLOW LINE	PCC	PORTLAND CEMENT CONCRETE	WWF	WELDED WIRE FABRIC
CONT	CONTINUOUS	FOF	FACE OF FINISH	PT	POINT	W/	WITH



FACILITIES AND DEVELOPMENT DIVISION

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CONSTRUCTION

Reviewed by	Date

DESIGNED:	TL
DRAWN:	TL
CHECKED:	KR
DATE:	MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
GENERAL NOTES &
ABBREVIATIONS

206279.002

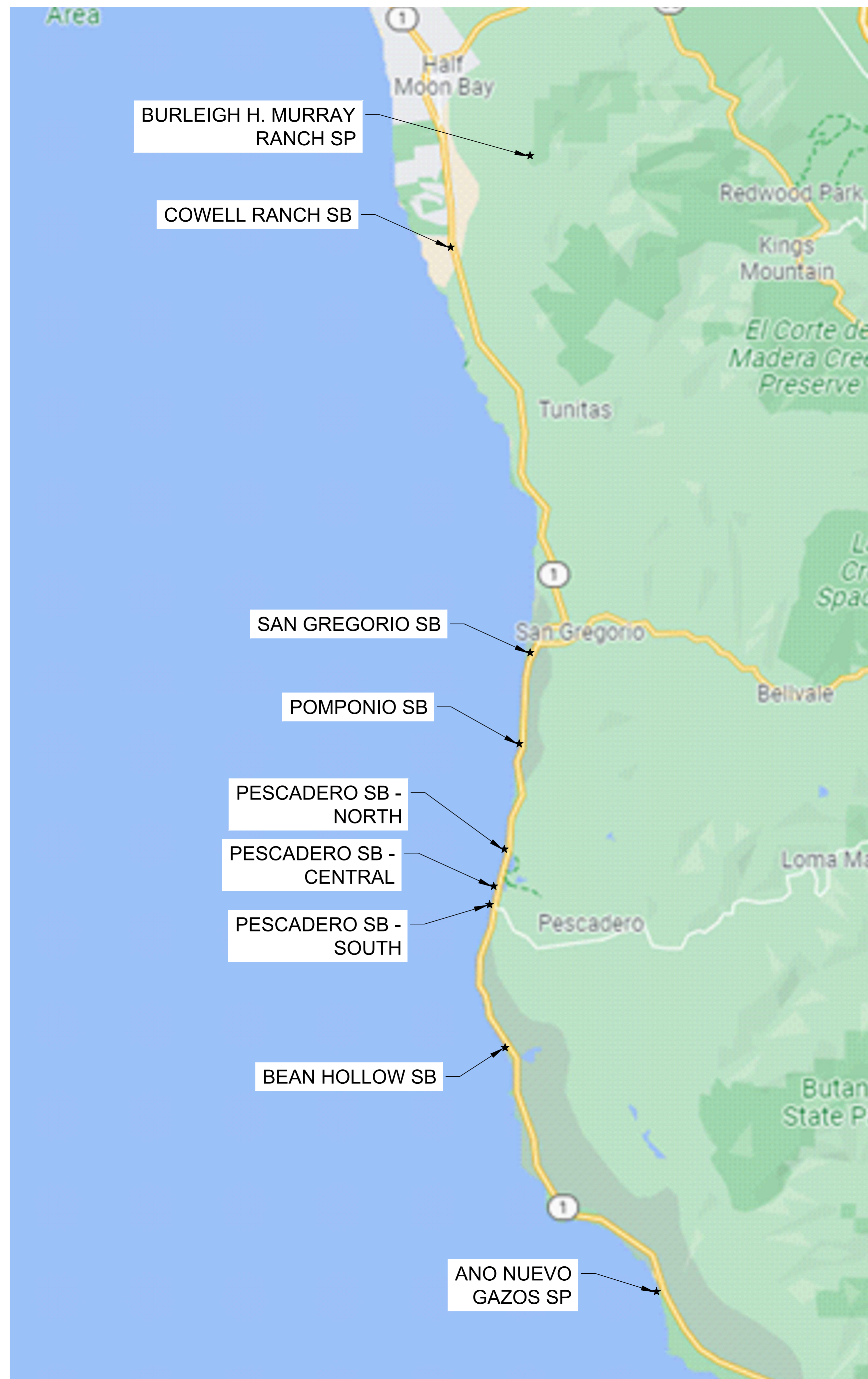
SHEET NO.
G-2
002 OF 040

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_it_replace\05_drawings\Civil\G-2_GENERAL_NOTES & ABBREVIATIONS.dwg Layout: G-2_GENERAL_NOTES & ABBREVIATIONS Date: May 19 2023 - 4:06 pm User: lie



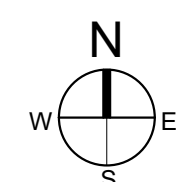
FACILITIES AND DEVELOPMENT DIVISION

NO.	PARK NAME	ADDRESS	PRECAST VAULT RESTROOM	DRAWING SHEET
1	BURLEIGH H. MURRAY RANCH SP	305 HIGGINS CANYON RD, HALF MOON BAY, CA 94019	SINGLE	C1 - C2, C24
2	COWELL RANCH - HALF MOON BAY SB	HIGHWAY 1, HALF MOON BAY, CA 94019	SINGLE	C3 - C4, C24
3	SAN GREGORIO SB	1659 CABRILLO HIGHWAY, SAN GREGORIO, CA 94074	TWO DOUBLE	C5 - C7, C24 - C25
4	POMPONIO SB	19369 CABRILLO HIGHWAY SOUTH, SAN GREGORIO, CA 94074	DOUBLE	C8 - C12, C26
5	PESCADERO SB - NORTH	18253 CABRILLO HIGHWAY SOUTH, SAN GREGORIO, CA 94074	DOUBLE	C13 - C14, C27
6	PESCADERO SB - CENTRAL	CABRILLO HIGHWAY, PESCADERO, CA 94060	DOUBLE	C15 - C16, C27
7	PESCADERO SB - SOUTH	CABRILLO HIGHWAY SOUTH, PESCADERO CREEK RD, PESCADERO, CA 94060	DOUBLE	C17 - C18, C27-C28
8	BEAN HOLLOW SB	12047 CABRILLO HIGHWAY, PESCADERO, CA 94060	DOUBLE	C19 - C21, C28
9	ANO NUEVO GAZOS SP	GAZOS CREED RD, CABRILLO HIGHWAY SOUTH, PESCADERO, CA 94060	DOUBLE	C22 - C23, C29



LOCATION MAP

SCALE: NTS



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CONSTRUCTION

DPR ACCESS COMPLIANCE REVIEW ACCESSIBILITY SECTION CERTIFICATION #	
Reviewed by	Date

ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED:	TL
DRAWN:	TL
CHECKED:	KR
DATE:	MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
LOCATION KEY

206279.003

SHEET NO.

G-3

003 OF 040



FACILITIES AND DEVELOPMENT DIVISION

DEMOLITION CONSTRUCTION NOTES

- ① REMOVE & DISPOSE (E) ACCESSIBLE SIGN
- ② (E) PARK INFORMATION TO REMAIN
- ③ (E) PARK SIGN TO REMAIN
- ④ (E) GATE TO REMAIN
- ⑤ (E) TRASH CONTAINERS TO REMAIN
- ⑥ (E) SPLIT RAIL FENCE TO REMAIN

LEGEND

- x — SPLIT RAIL FENCE
- △ SURVEY CONTROL POINT
- TREE PROTECTION ZONE

SURVEY CONTROL POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1990095.80'	6009261.01'	220.60'	SET 5/8" REBAR W/ CAP PARKS CAP
CP101	1990084.64'	6009311.19'	222.10'	SET 60D SHINER
CP105	1990063.66'	6009190.01'	216.80'	SET MAG NAIL SHINER

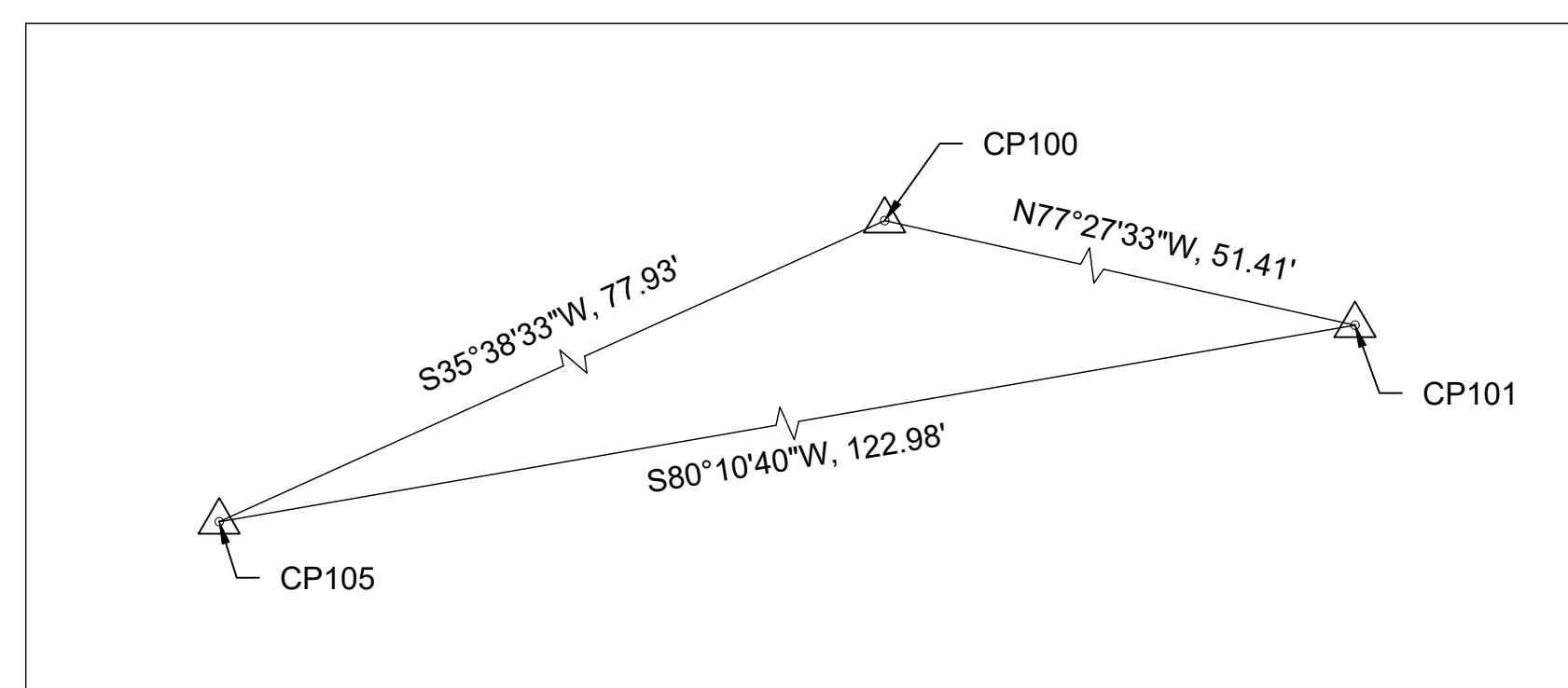
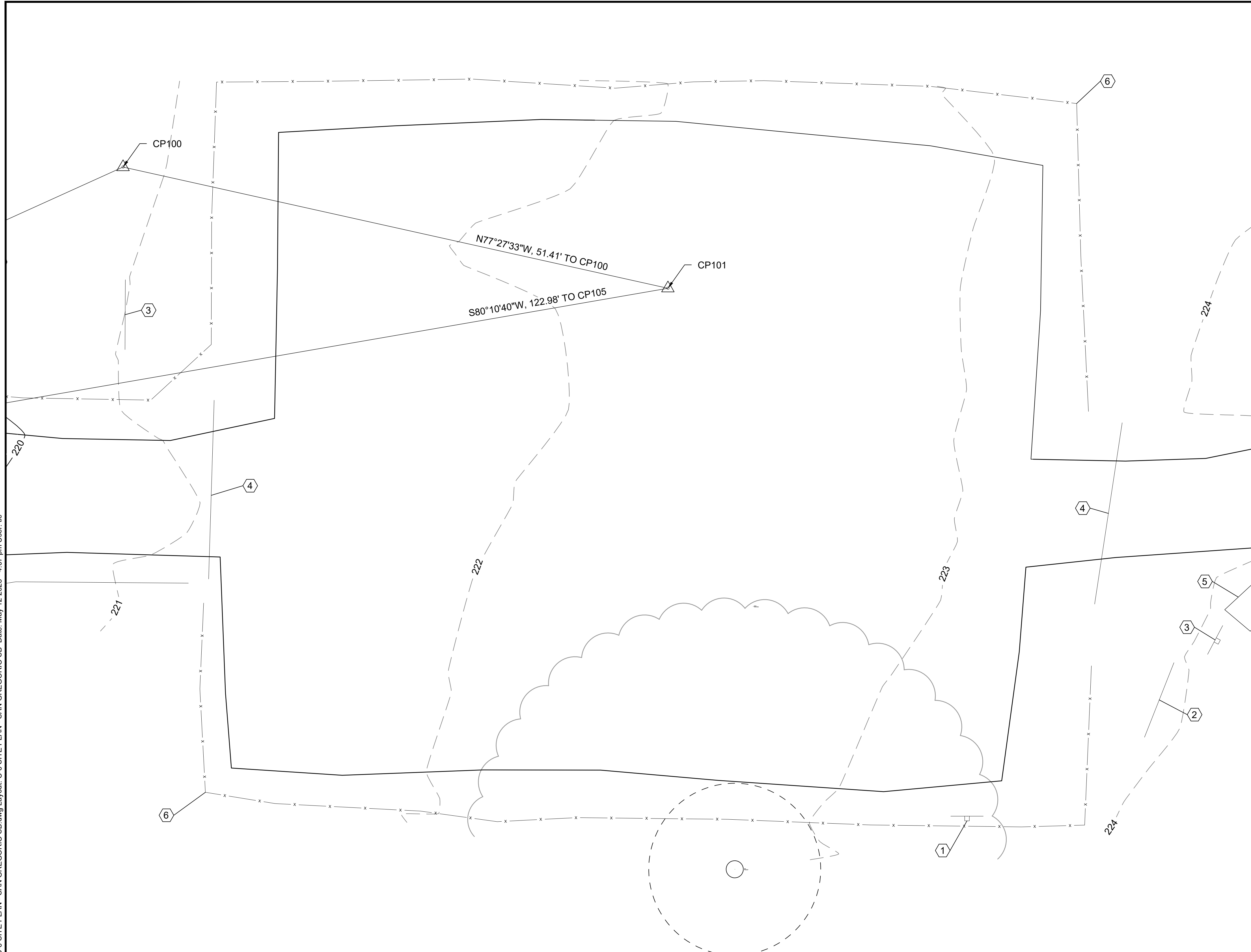
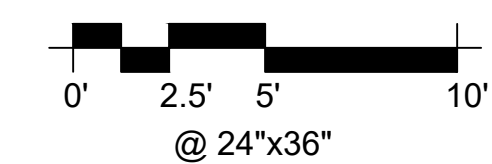
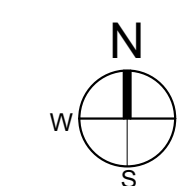
GENERAL NOTES:

- UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



1-800-642-244
CALL BEFORE YOU DIG



CONTROL DIAGRAM
NTS

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DPR ACCESS COMPLIANCE REVIEW
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DEPARTMENT OF PARKS AND RECREATION,
NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

△	REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**EXISTING & DEMO PLAN -
BURLEIGH H. MURRAY RANCH**

206279.004

SHEET NO.

C-1

004 OF 040



FACILITIES AND DEVELOPMENT DIVISION

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ACCESSIBILITY COMPLIANCE AND STATE FIRE
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DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**GRADING & HORIZONTAL CONTROL
PLAN - BURLEIGH H. MURRAY
RANCH**

206279.005

SHEET NO.
C-2
005 OF 040

PAVING CONSTRUCTION NOTES

- 1 INSTALL A SINGLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON C-35, REFER TO DTL 1 ON C-24
- 2 CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-31, REFER TO DTL 2 - 3 ON C-24, 1.8% MAX SLOPE ANY DIRECTION
- 3 CONSTRUCT 5" PCC ON 12" CLASS 2 AB CONC SIDEWALK PER DTL 2 ON C-31, REFER TO DTL 1, 3 ON C-24; LANDING 1.6% MAX SLOPE ANY DIRECTION
- 4 INSTALL 3'Dx8"W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-30 & REFER TO DTL 1, 3 ON C-24.
- 5 INSTALL VAN ACCESSIBLE PARKING STALL PER DTL 1 ON C-30
- 6 INSTALL (N) 20" OF CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X OR EQUAL) TRANSITION TO (E) ROAD PER DTL 9 ON C-31
- 7 INSTALL ACCESSIBLE PARKING SIGNAGE AND POST PER DTL 2 ON C-30
- 8 INSTALL WHEEL STOP PER DTL 9 ON C-30
- 9 INSTALL 6" OF AGGREGATE BASE FOR 1-FT BENCH PER DTL 6 ON C-31, REFER TO DTL 1, 3 ON C-24
- 10 CONSTRUCT SWALE PER DTL 6 ON C-31, REFER TO DTL 1 & 3 ON C-24

LEGEND

- (N) CONCRETE
- (N) AGGREGATE PAVING
- (N) TRUNCATED DOME
- CUT/FILL SOIL
- SURVEY CONTROL POINT
- (E) SPLIT RAIL FENCE
- ACCESSIBLE PATH OF TRAVEL

LINE TABLE

LINE	LENGTH	BEARING
L ₁	59.48'	S87°55'31"E
L ₂	18.00'	S00°00'00"W
L ₃	17.00'	N90°00'00"E
L ₄	8.21'	N00°00'00"E
L ₅	7.37'	N90°00'00"E
L ₆	14.79'	N00°00'00"E
L ₇	15.37'	N90°00'00"W
L ₈	5.00'	S00°00'00"W
L ₉	9.00'	N90°00'00"W
L ₁₀	6.00'	N00°00'00"E
L ₁₁	16.10'	N88°19'35"E
L ₁₂	24.47'	S00°00'00"W
L ₁₃	17.09'	S69°26'38"E
L ₁₄	25.38'	S90°00'00"E
L ₁₅	14.21'	N00°00'00"E
L ₁₆	14.79'	N00°00'00"E
L ₁₇	24.37'	N90°00'00"W

CURVE TABLE

CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C ₁	90°00'00"	2.00'	3.14'	2.00'	2.83'

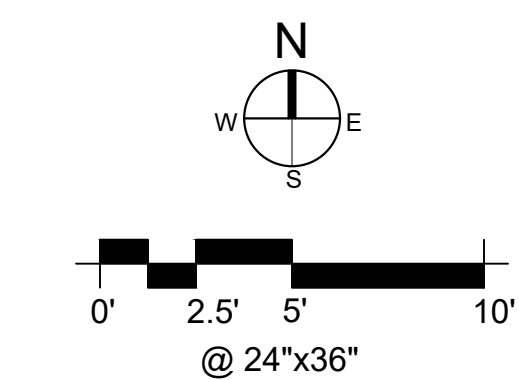
GENERAL NOTES:

1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

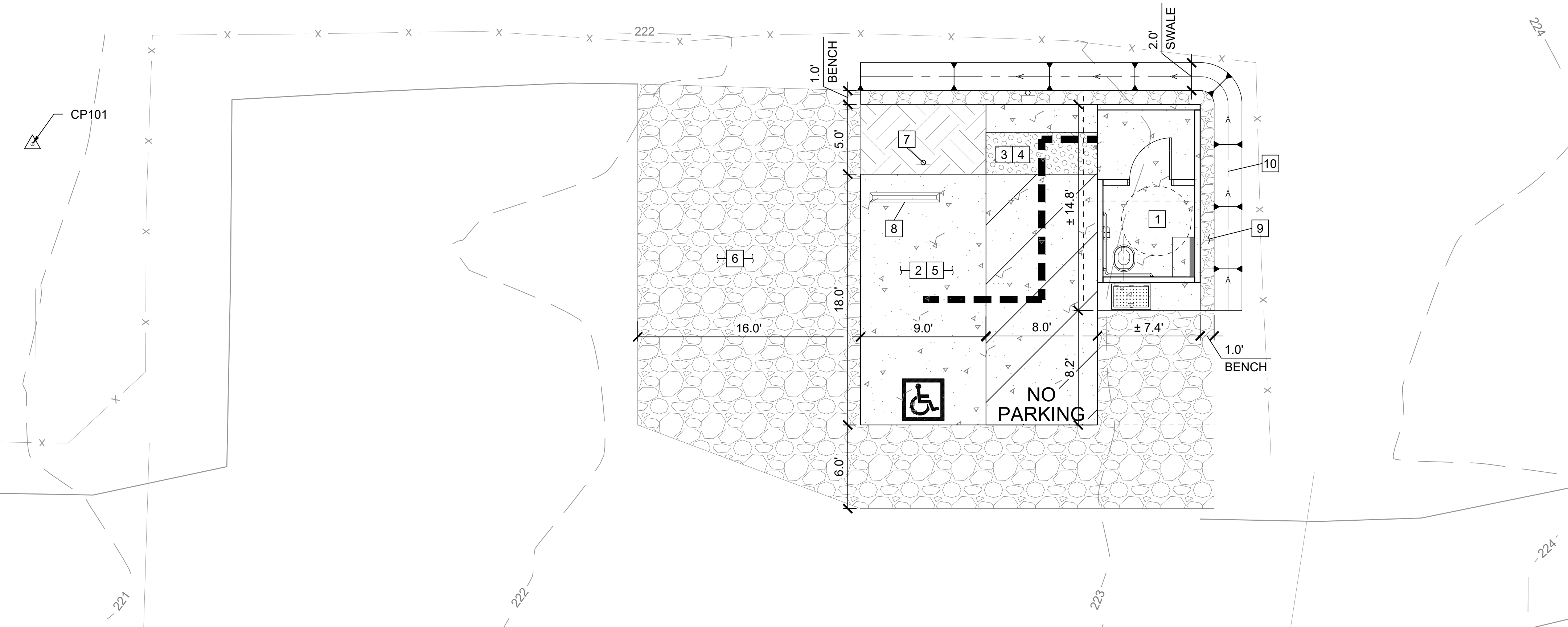
UNDERGROUND SERVICE ALERT



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SITE PLAN

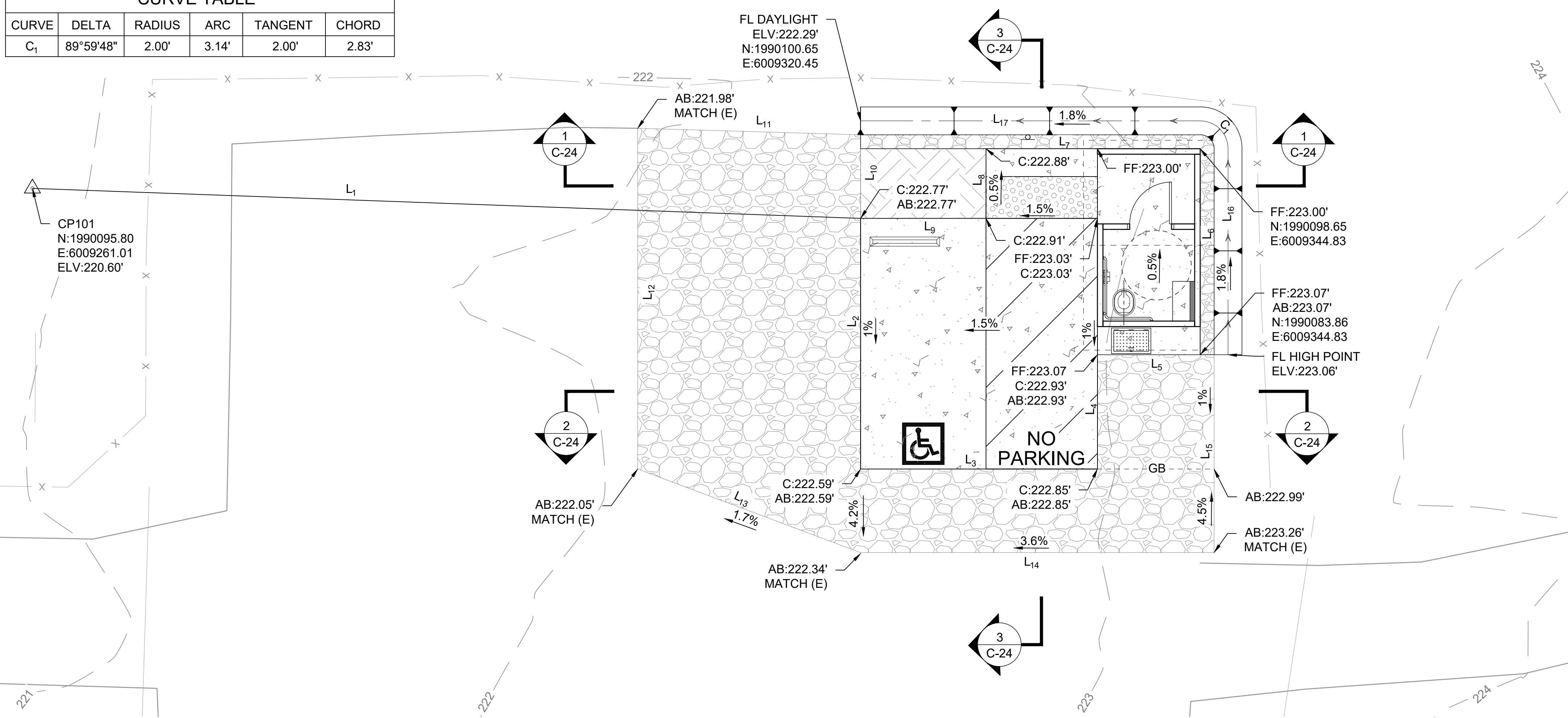


Which curve table?

CURVE TABLE

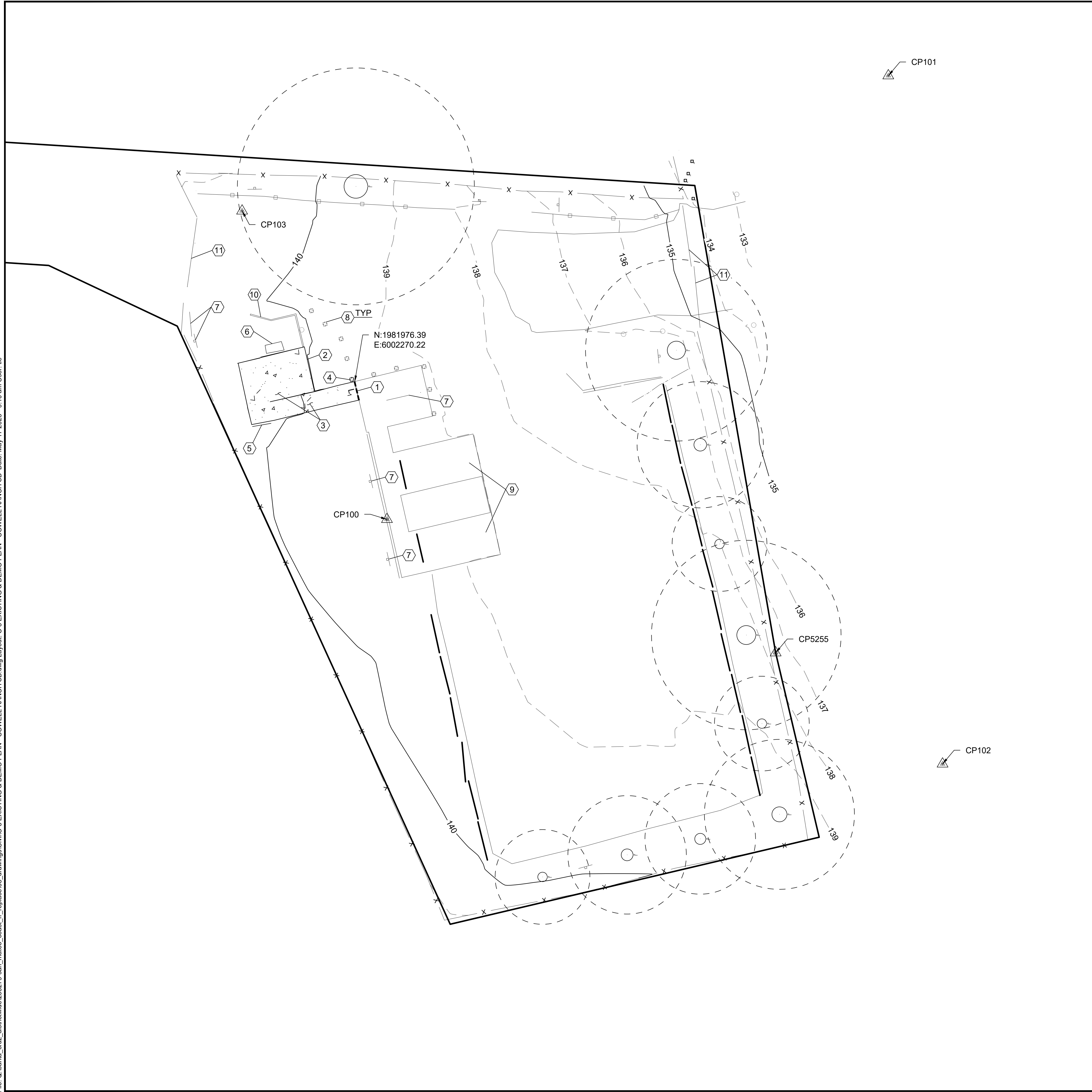
CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C ₁	89°59'48"	2.00'	3.14'	2.00'	2.83'

GRADING & HORIZONTAL CONTROL PLAN



File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-20 SITE PLAN - BEAN HOLLOW SB.dwg Layout: C-20 SITE PLAN - BEAN HOLLOW SB Date: May 12 2023 - 4:10 pm User: lte

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_r_replace\05_drawings\Civil\C-3_EXISTING & DEMO PLAN - COWELL RANCH SB.dwg Layout: C-3_EXISTING & DEMO PLAN - COWELL RANCH SB Date: May 17 2023 - 9:10 am User: tte



DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT CONCRETE, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) PORTABLE RESTROOM AND WOOD STRUCTURE
- ③ REMOVE & DISPOSE (E) CONCRETE, LIMITS PER PLAN
- ④ REMOVE & DISPOSE (E) WOODS POST, LIMITS PER PLAN
- ⑤ SALVAGE (E) SIGN AND POST. RELOCATE PER STATE REPRESENTATIVE
- ⑥ SALVAGE (E) TRASH CONTAINERS. RELOCATE PER STATE REPRESENTATIVE
- ⑦ (E) SIGNS & POST TO REMAIN (PROTECT IN PLACE)
- ⑧ (E) WOOD POSTS TO REMAIN (PROTECT IN PLACE)
- ⑨ (E) ACCESSIBLE PARKING TO REMAIN
- ⑩ (E) AT GRADE TIMBER TO REMAIN
- ⑪ (E) GATE TO REMAIN

LEGEND

- CONCRETE DEMOLITION
- (E) FENCE
- (E) WOOD FENCE
- (E) WHEEL STOPS
- SAWCUT
- (E) WOOD POST
- (E) SIGN AND POST
- (E) ELECTRIC PULLBOX
- SURVEY CONTROL POINT
- TREE PROTECTION ZONE

SURVEY CONTROL POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1981947.30'	6002277.06'	139.78'	SET CHISELED X
CP101	1982040.96'	6002382.85'	130.29'	SET MAG NAIL
CP102	1981895.67'	6002394.30'	137.34'	SET 5/8" REBAR W/ CAP
CP103	1982012.42'	6002246.49'	140.66'	SET 60D
CP5255	1981919.14'	6002359.08'	137.42'	FD 6" CONC CT 6x6

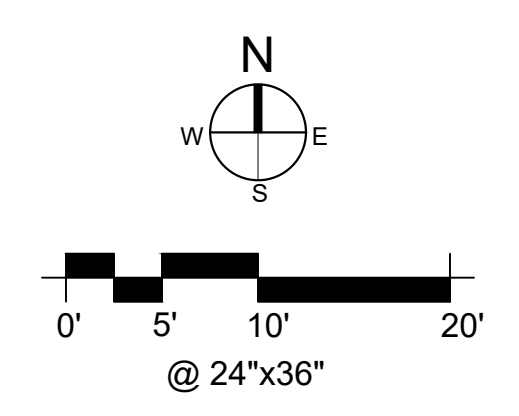
SAWCUT LINE TABLE

LINE	LENGTH	BEARING
L ₁	4'	S13°20'52"E

GENERAL NOTES:

1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



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ACCESSIBILITY SECTION
CERTIFICATION #

Reviewed by _____ Date _____

ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION
NORTHERN SERVICE CENTER

DESIGNED: _____ TL

DRAWN: _____ TL

CHECKED: _____ KR

DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**EXISTING & DEMO PLAN - COWELL
RANCH SB**

206279.006

SHEET NO.
C-3
006 OF 040



FACILITIES AND DEVELOPMENT DIVISION

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NORTHERN SERVICE CENTER

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CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**GRADING & HORIZONTAL CONTROL
PLAN - COWELL RANCH SB**

206279.007

SHEET NO.

C-4
007 OF 040

CONSTRUCTION NOTES

1. INSTALL A SINGLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON C-35, REFER TO DTL 4, 5 ON C-24
2. CONSTRUCT 6" CIP CONC CURB RAMP PER DTL 7 ON C-31, REFER TO DTL 4 ON C-24
3. CONSTRUCT 5" PCC ON 12" CLASS 2 AB CONC SIDEWALK PER DTL 2 ON C-31, REFER TO DTL 4 ON C-24
4. INSTALL 6" OF AGGREGATE BASE FOR 1-FT BENCH PER DTL 6 ON C-31, REFER TO DTL 4 - 5 ON C-24
5. CONSTRUCT SWALE PER DTL 6 ON C-31, REFER TO DTL 4 - 5 ON C-24
6. FILL SOIL 2:1 MAX SLOPE

LEGEND

- (N) CONCRETE
- (N) CONCRETE CURB
- (N) AGGREGATE PAVING
- CUT/FILL SOIL
- ACCESSIBLE PATH OF TRAVEL
- SURVEY CONTROL POINT
- (E) WOOD POST
- (E) SIGN AND POST

LINE TABLE

LINE	LENGTH	BEARING
L ₁	24.88'	N13°12'44"W
L ₂	11.00'	S76°39'08"W
L ₃	8.90'	S13°20'52"E
L ₄	7.38'	S76°39'08"W
L ₅	14.79'	N13°20'52"W
L ₆	15.84'	N09°43'38"W
L ₇	10.38'	N76°39'08"E

CURVE TABLE

CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C ₁	89°29'03"	2.00'	3.12'	1.98'	2.81'

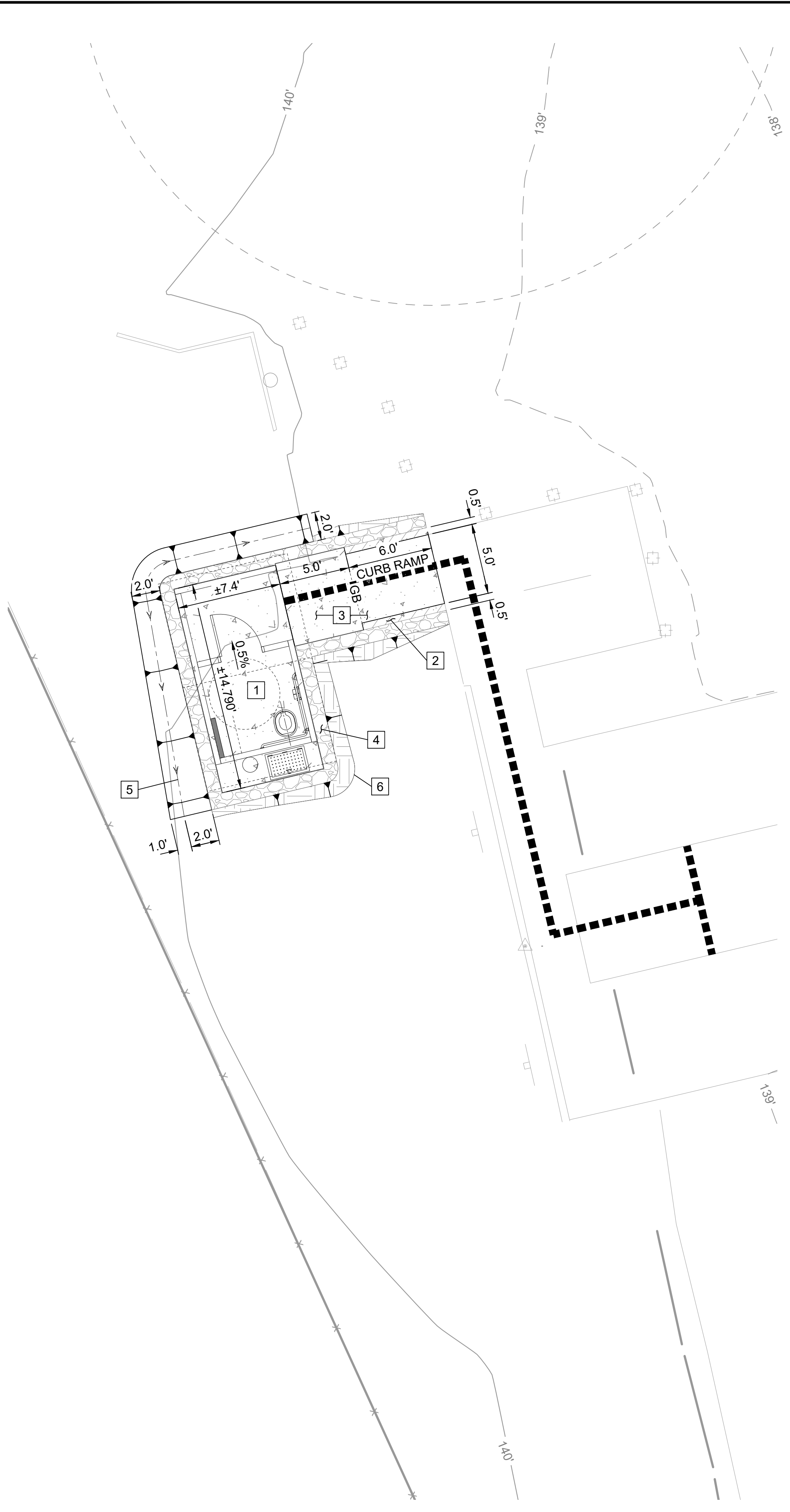
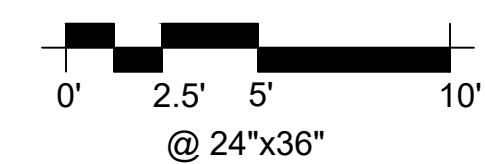
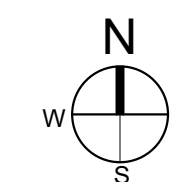
GENERAL NOTES:

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2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

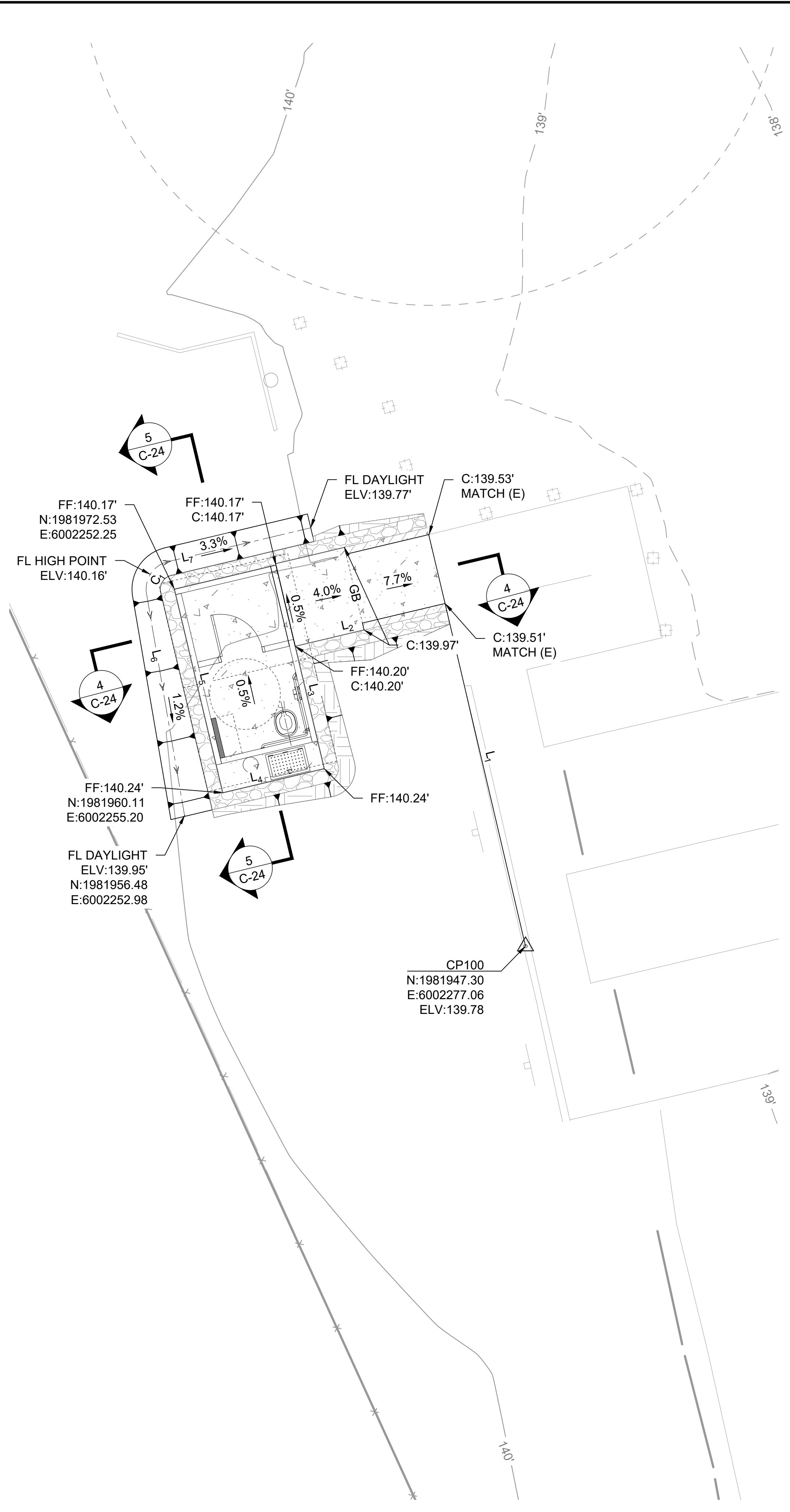
UNDERGROUND SERVICE ALERT



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SITE PLAN



GRADING & HORIZONTAL CONTROL PLAN

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DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT ASPHALT & CURB, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) CURB
- ③ REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ④ PUMP (E) VAULTS, REMOVE AND DISPOSE OF (E) VAULT TOILETS
- ⑤ REMOVE & DISPOSE (E) CONCRETE, LIMITS PER PLAN
- ⑥ REMOVE & DISPOSE (E) ACCESSIBLE SIGN
- ⑦ REMOVE & DISPOSE (E) WOOD BOLLARD POST
- ⑧ REMOVE & DISPOSE (E) PIPE GATE
- ⑨ SALVAGE "INFORMATION" SIGN & POST. RELOCATE PER NOTE 18 ON C-6
- ⑩ SALVAGE "15 MIN PARKING" SIGN & POST. RELOCATE PER NOTE 20 ON C-6
- ⑪ SALVAGE (E) SIGN & POST. RELOCATE PER STATE REPRESENTATIVE
- ⑫ SALVAGE (E) "AUTHORIZED VEHICLES ONLY" SIGN AND RELOCATE PER STATE REPRESENTATIVE
- ⑬ SALVAGE (E) TRASH CAN AND RELOCATE PER STATE REPRESENTATIVE
- ⑭ (E) 4" WIDE TRENCH DRAIN TO REMAIN (PROTECT IN PLACE)
- ⑮ (E) WOOD BOLLARD POST TO REMAIN (PROTECT IN PLACE)
- ⑯ (E) SIGN AND POST TO REMAIN (PROTECT IN PLACE)
- ⑰ (E) CURB TO REMAIN (PROTECT IN PLACE)
- ⑱ (E) TRASH CONTAINER TO REMAIN
- ⑲ (E) KIOSK TO REMAIN
- ⑳ (E) PAY STATION TO REMAIN

LEGEND

- ASPHALT DEMOLITION
- CONCRETE DEMOLITION
- (E) STRIPING
- (E) SPLIT RAIL FENCE
- SAWCUT
- (E) WOOD BOLLARD POST
- SURVEY CONTROL POINT
- TREE PROTECTION ZONE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1945711.36'	6008551.18'	35.13'	SET
CP101	1945832.60'	6008667.99'	39.39'	SET MAG NAIL
CP102	1945629.89'	6008737.94'	33.25'	SET 60D
CP103	1945740.44'	6008782.57'	37.04'	SET MAG NAIL

LINE	LENGTH	BEARING
L ₁	0.81'	S86°22'59"E
L ₂	41.00'	S86°22'59"E
L ₃	116.02'	S02°22'56"W
L ₄	54.46'	S13°08'49"W

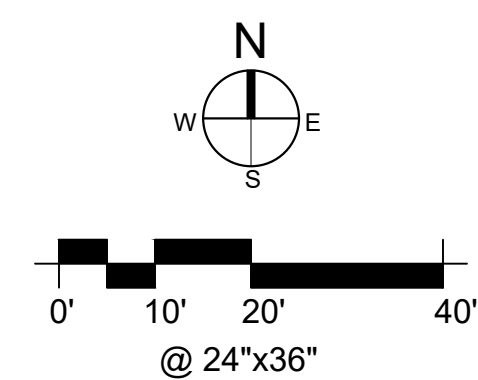
GENERAL NOTES:

1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



1-800-642-244
CALL BEFORE YOU DIG



FACILITIES AND DEVELOPMENT DIVISION

« PRELIMINARY »
NOT FOR
CONSTRUCTION

DPR ACCESS COMPLIANCE REVIEW	
ACCESSIBILITY SECTION	
CERTIFICATION #	
Reviewed by	Date
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER	

DESIGNED:	TL
DRAWN:	TL
CHECKED:	KR
DATE:	MAY 2023

REVISIONS	DATE

SAN MATEO COAST
 VAULT RESTROOM REPLACEMENT
**EXISTING & DEMO PLAN - SAN
 GREGORIO SB**

206279.008

SHEET NO.

C-5

008 OF 040



FACILITIES AND DEVELOPMENT DIVISION

« PRELIMINARY »
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CONSTRUCTION

DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #

Reviewed by Date

ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION,
NORTHERN SERVICE CENTER

DESIGNED: TL
DRAWN: TL
CHECKED: KR
DATE: MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
SITE PLAN - SAN GREGORIO SB

206279.009

SHEET NO.

C-6

009 OF 040

CONSTRUCTION NOTES

- INSTALL TWO DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILETS PER DETAILS ON SHEET C-36, REFER TO DTL 15, 16 ON C-25
- CONSTRUCT 6" CIP CONC CURB PER DTL 3 ON C-31 & REFER TO DTL 6 ON C-24 AND DTL 10 ON C-25
- CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-31, REFER TO DTL 6, 8 ON C-24, 1.8% MAX SLOPE ANY DIRECTION
- CONSTRUCT 5" PCC ON 18" CLASS 2 AB CONC SIDEWALK & PICNIC SITE PER DTL 2 ON C-31, REFER TO DTL 6 - 9 ON C-24, AND DTL 10, 15, 16 ON C-25, LANDING 1.8% MAX SLOPE ANY DIRECTION
- INSTALL 3'DxX'W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-30 & REFER TO DTL 8 ON C-24
- CONSTRUCT 6" PCC ON 18" CLASS 2 AB CONC PAVING ACCESS ROAD TO BEACH PER DTL 11 - 13 ON C-25
- CONSTRUCT 8'x16'x2" CIP CONC PAD LANDING PER DTL 11, 14 ON C-25
- INSTALL 12 FT TRENCH DRAIN PER MANUFACTURER'S RECOMMENDATION PER DTL 3 ON C-33
- INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN, PER TO DTL 5 ON C-31, REFER TO DTL 6, 8 ON C-24, DTL 10 ON C-25
- INSTALL 20" AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) REFER TO DTL 11 ON C-25
- INSTALL 6" THICK WOOD MULCH, LIMIT PER PLAN, REFER TO DTL 9 ON C-24 & DTL 10 ON C-25
- INSTALL ACCESSIBLE PARKING STALL PER DTL 1 ON C-30
- INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-30
- CONSTRUCT 4" WIDE WHITE STRIPE PARKING
- INSTALL WHEEL STOP PER DTL 9 ON C-30
- INSTALL (N) PICNIC SHADE STRUCTURE 16'x18'-9" PER DTL 1 ON C-34
- INSTALL (N) ACCESSIBLE PICNIC TABLE PER DTL 2 ON C-32
- RELOCATE (E) "INFORMATION" SIGN & POST PER PLAN. HEIGHT OF BOTTOM FORWARD PANEL SHALL BE 30" ABOVE FINISHED SURFACE.
- INSTALL (N) PIPE GATE PER DTL 2 ON C-34, LOCATE GATES PER STATE REPRESENTATIVE
- RELOCATE (E) SIGN AND POST "15 MIN PARKING" PER PLAN
- CONSTRUCT RED PAINT ON CONC CURB WITH WHITE LETTER "NO PARKING" ON THE FRONT SIDE, 8 FT O.C.
- CONSTRUCT SWALE PER DTL 6 ON C-31, REFER TO DTL 9 ON C-24

LEGEND

- (N) ASPHALT
- (N) CONCRETE CURB
- (N) CONCRETE
- (N) AGGREGATE
- (N) TRUNCATED DOME
- CUT/FILL SOIL
- LANDING AREA
- (N) ROCK SLOPE PROTECTION
- (N) WOOD MULCH
- △ SURVEY CONTROL POINT
- (E) WOOD BOLLARD POST
- TREE PROTECTION ZONE
- ACCESSIBLE PATH OF TRAVEL
- X- (E) SPLIT RAIL FENCE

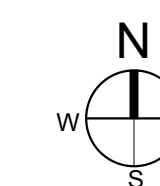
GENERAL NOTES:

- UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

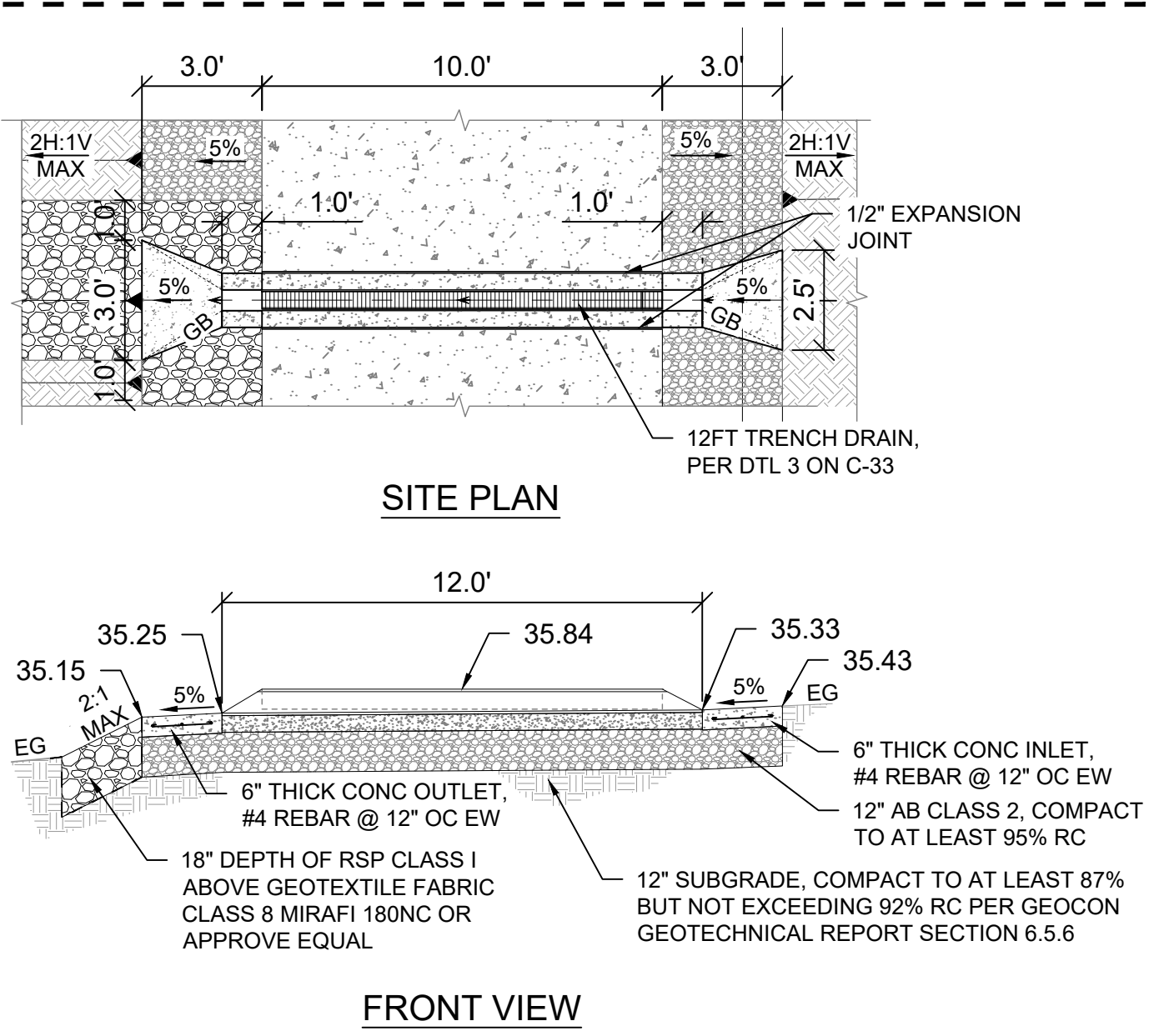
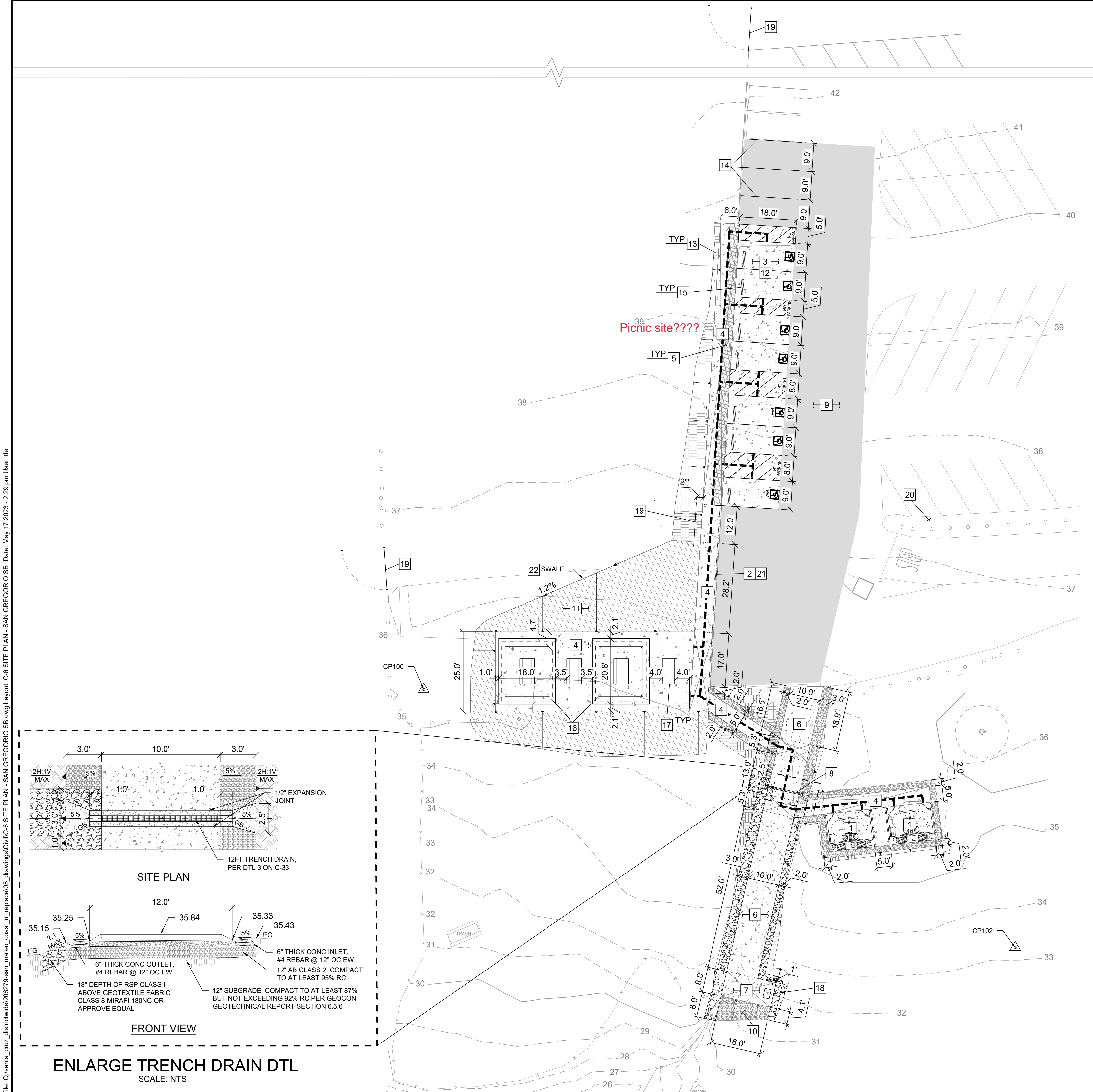
UNDERGROUND SERVICE ALERT



1-800-642-244
CALL BEFORE YOU DIG



0' 7.5' 15' 30'
@ 24"x36"



ENLARGE TRENCH DRAIN DTL
SCALE: NTS

File: Q:\santa_cruz_district\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-6 SITE PLAN - SAN GREGORIO SB.dwg Layout: C-6 SITE PLAN - SAN GREGORIO SB Date: May 17 2023 - 2:29 pm User: lle



FACILITIES AND DEVELOPMENT DIVISION

« PRELIMINARY »
NOT FOR
CONSTRUCTION

DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION
NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**GRADING & HORIZONTAL CONTROL
PLAN - SAN GREGORIO SB**

206279.010
SHEET NO.
C-7
010 OF 040

LINE TABLE					
LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L ₁	29.06'	N51°13'36"E	L ₁₆	12.96'	S12°44'52"W
L ₂	62.91'	N90°00'00"E	L ₁₇	8.20'	N83°33'06"E
L ₃	28.35'	N03°37'01"E	L ₁₈	33.67'	N83°33'06"E
L ₄	12.00'	N03°37'01"E	L ₁₉	16.92'	S06°26'54"E
L ₅	89.00'	N03°37'01"E	L ₂₀	33.67'	S83°33'06"W
L ₆	6.00'	S86°22'59"E	L ₂₁	11.92'	N06°26'54"W
L ₇	18.00'	S86°22'59"E	L ₂₂	9.94'	S83°33'06"W
L ₈	89.00'	S03°37'01"W	L ₂₃	52.00'	S12°44'52"W
L ₉	18.00'	N86°22'59"W	L ₂₄	6.00'	S77°15'08"E
L ₁₀	59.29'	S03°37'01"W	L ₂₅	8.00'	S12°44'52"W
L ₁₁	26.18'	S57°07'42"E	L ₂₆	16.00'	N77°15'08"W
L ₁₂	16.52'	N12°44'52"E	L ₂₇	78.26'	N12°44'52"E
L ₁₃	10.29'	N89°10'59"E	L ₂₈	25.21'	N57°07'42"W
L ₁₄	18.93'	S12°44'52"W	L ₂₉	67.34'	N90°00'00"W
L ₁₅	5.33'	S12°44'52"W	L ₃₀	25.00'	N00°00'00"E

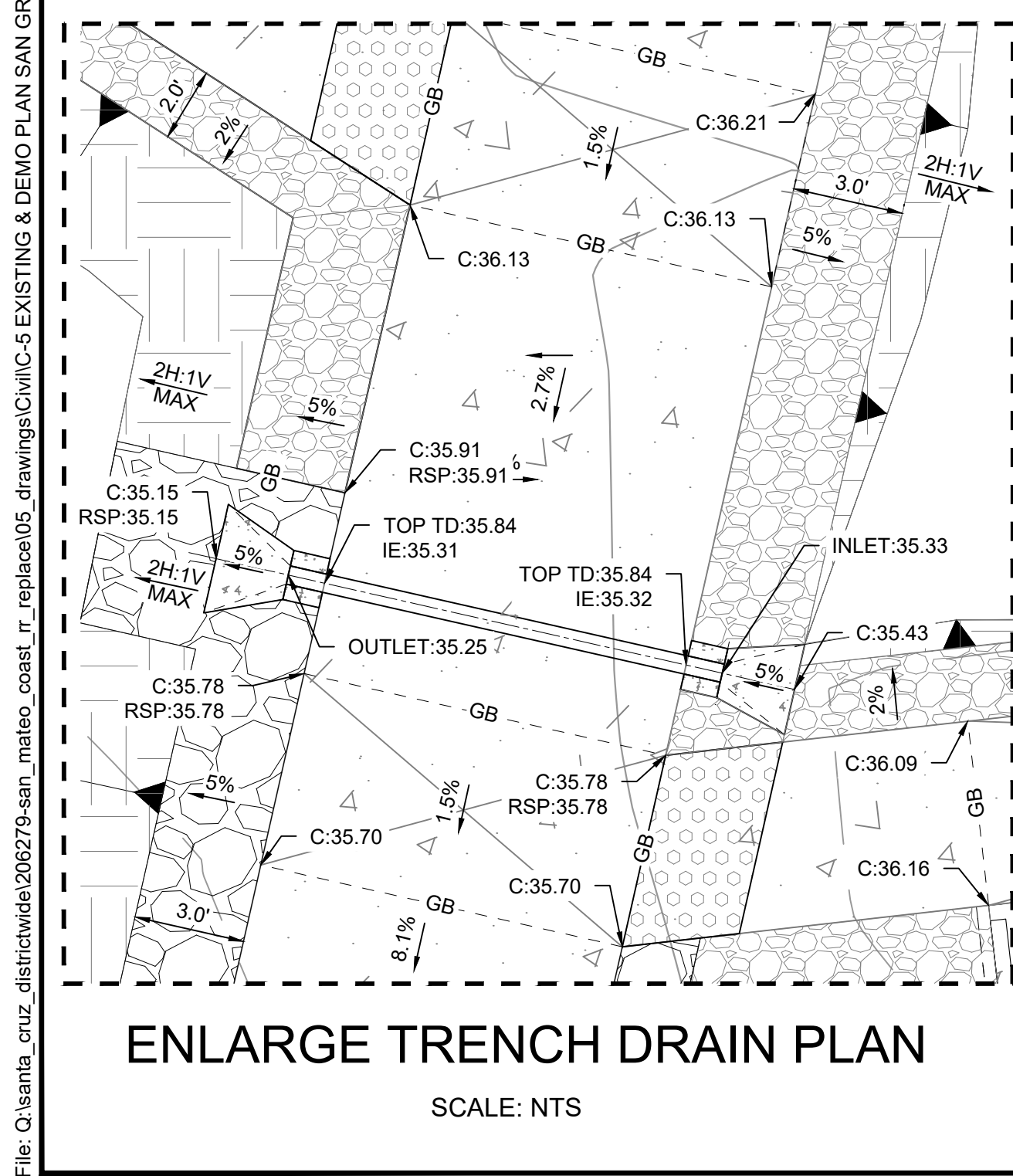
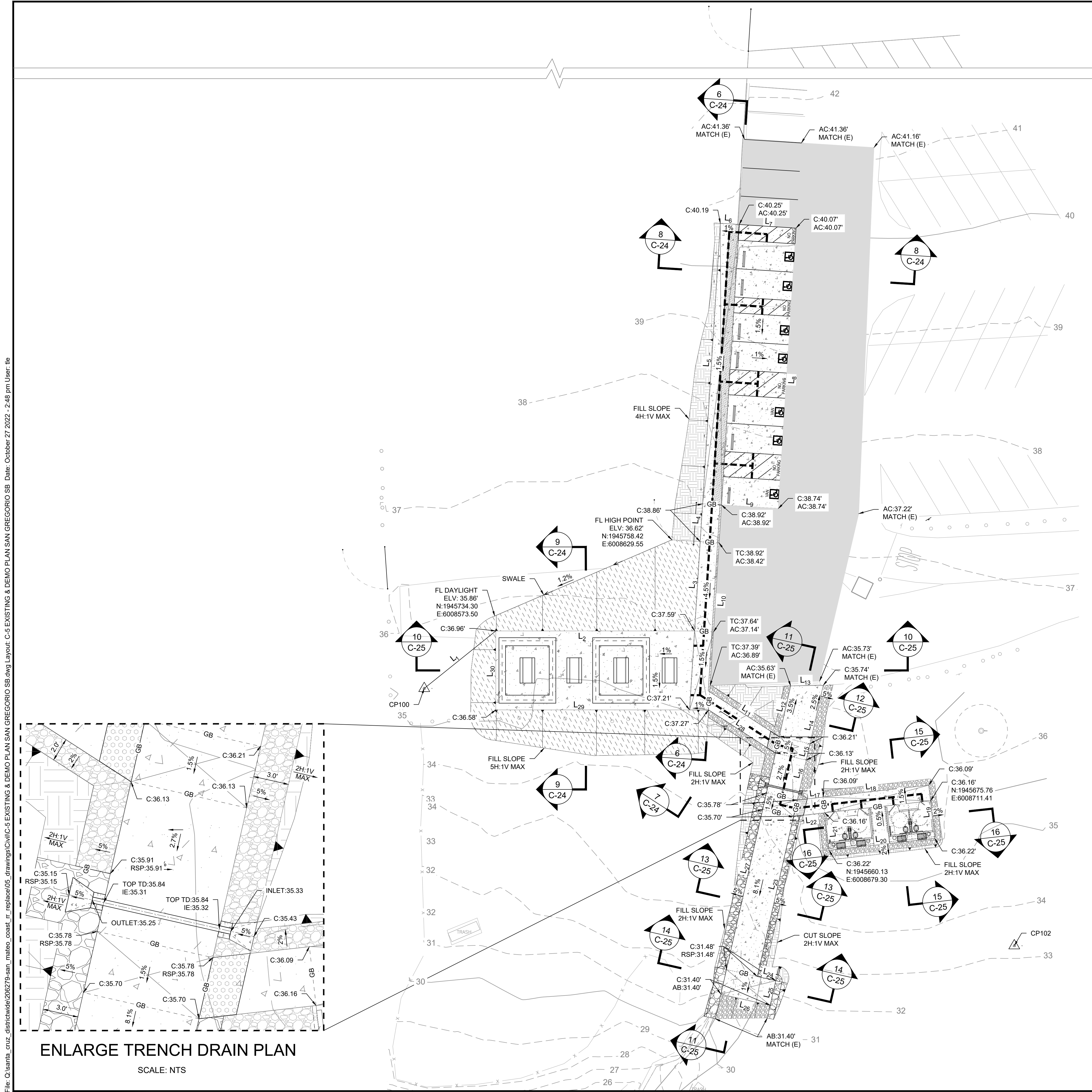
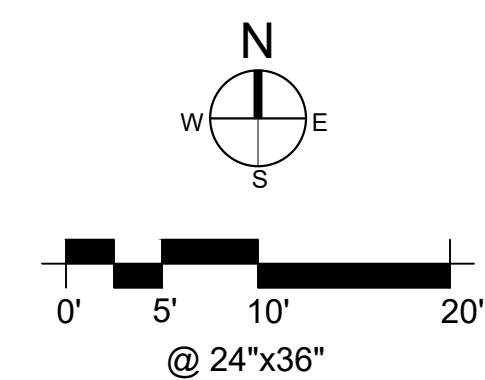
SURVEY CONTROL POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1945711.36'	6008551.18'	35.13'	SET
CP101	1945832.60'	6008667.99'	39.39'	SET MAG NAIL
CP102	1945629.89'	6008737.94'	33.25'	SET 60D
CP103	1945740.44'	6008782.57'	37.04'	SET MAG NAIL

LEGEND

- (N) ASPHALT
- (N) CONCRETE CURB
- (N) CONCRETE
- (N) AGGREGATE
- (N) TRUNCATED DOME
- CUT/FILL SOIL
- LANDING AREA
- (N) ROCK SLOPE PROTECTION
- (N) WOOD MULCH
- △ SURVEY CONTROL POINT
- (E) WOOD BOLLARD POST
- TREE PROTECTION ZONE
- ACCESSIBLE PATH OF TRAVEL
- X- (E) SPLIT RAIL FENCE

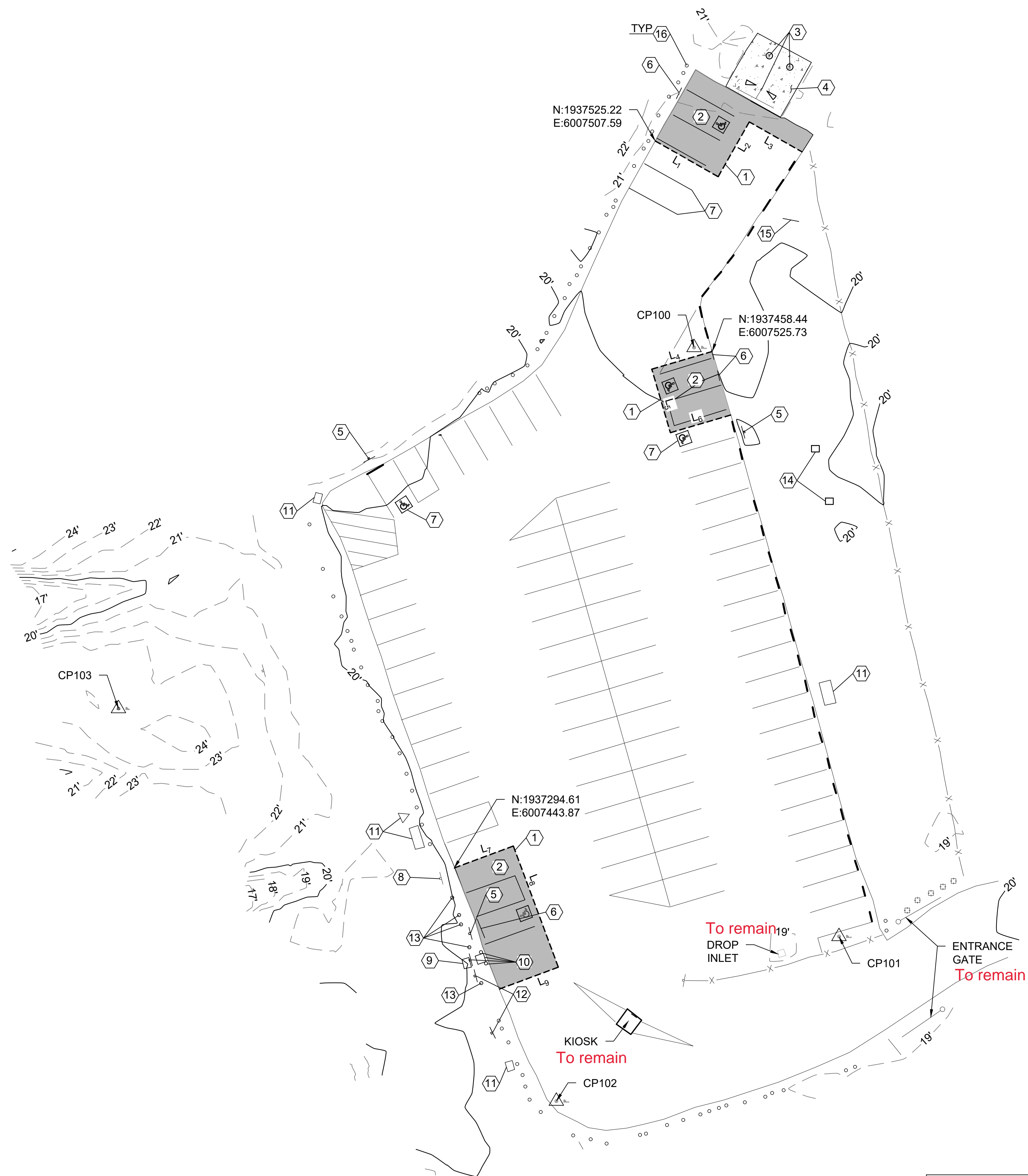
GENERAL NOTES:

- UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.



File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_r_replacement\05_drawings\Civil\C-5_EXISTING & DEMO PLAN SAN GREGORIO SB.dwg Layout: C-5_EXISTING & DEMO PLAN SAN GREGORIO SB Date: October 27 2022 - 2:48 pm User: tte

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_r_replace\05_drawings\Civil\C-8 EXISTING & DEMO PLAN - POMPONIO SB.dwg Layout: C-8 EXISTING & DEMO PLAN - POMPONIO SB Date: May 17 2023 - 3:05 pm User: tie



DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT ASPHALT, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ③ PUMP (E) VAULTS, REMOVE AND DISPOSE OF (E) VAULT TOILETS & WALL
- ④ REMOVE & DISPOSE (E) CONCRETE, LIMITS PER PLAN
- ⑤ REMOVE & DISPOSE (E) ACCESSIBLE SIGN & POST
- ⑥ REMOVE & DISPOSE (E) WHEEL STOPS, LIMIT PER PLAN
- ⑦ OBLITERATE (E) STRIPING AND PAVEMENT MARKINGS
- ⑧ (E) SIGN & POST TO REMAIN (PROTECT IN PLACE)
- ⑨ SALVAGE (E) TRASH CONTAINER AND RELOCATE PER STATE REPRESENTATIVE
- ⑩ SALVAGE (E) SHELF-PAY STATION, SIGN, POST & BOLLARDS. RELOCATE PER NOTE 19 ON SHEET C-9
- ⑪ (E) TRASH CONTAINERS TO REMAIN (PROTECT IN PLACE)
- ⑫ SALVAGE (E) SIGNS AND POSTS. RELOCATE PER NOTE 20 ON SHEET C-9
- ⑬ REMOVE & DISPOSE (E) WOOD BOLLARD POSTS LIMIT PER PLAN
- ⑭ REMOVE & DISPOSE (E) GRILL
- ⑮ REMOVE & DISPOSE (E) DISPLACE CASE
- ⑯ (E) WOOD BOLLARD POST TO REMAIN (PROTECT IN PLACE)

LEGEND

- ASPHALT DEMOLITION
- CONCRETE DEMOLITION
- (E) STRIPING
- (E) FENCE
- SAWCUT
- (E) WOOD POST
- (E) SIGN AND POST
- (E) WOOD BOLLARD POST
- SURVEY CONTROL POINT

SAWCUT LINE TABLE

LINE	LENGTH	BEARING
L ₁	23.00'	S60°23'15"E
L ₂	20.00'	N29°36'45"E
L ₃	19.31'	S60°23'15"E
L ₄	20.00'	S73°41'33"W
L ₅	21.00'	S16°18'27"E
L ₆	20.00'	N73°41'33"E
L ₇	20.00'	N69°37'29"E
L ₈	41.00'	S20°22'31"E
L ₉	20.00'	S69°37'29"W

GENERAL NOTES:

- 1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

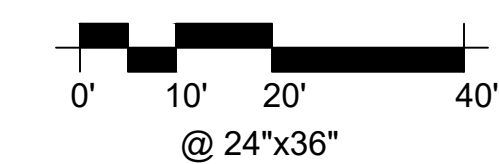
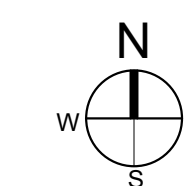
SURVEY CONTROL POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1937459.70'	6007519.94'	20.19'	SET MAG NAIL
CP101	1937272.87'	6007565.92'	19.47'	SET MAG NAIL
CP102	1937220.65'	6007476.26'	19.59'	SET MAG NAIL
CP103	1937345.16'	6007337.34'	24.19'	SET SPIKE

UNDERGROUND SERVICE ALERT



1-800-642-244
CALL BEFORE YOU DIG



FACILITIES AND DEVELOPMENT DIVISION

« PRELIMINARY »
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DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #

Reviewed by _____ Date _____

ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**EXISTING & DEMO PLAN -
POMPONIO SB**

206279.011

SHEET NO.

C-8

011 OF 040



FACILITIES AND DEVELOPMENT DIVISION

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ACCESSIBILITY SECTION
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ACCESSIBILITY COMPLIANCE AND STATE FIRE
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NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
SITE PLAN - POMPONIO SB

206279.012

SHEET NO.
C-9
012 OF 040

CONSTRUCTION NOTES

- 1 INSTALL A DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON SHEET C-36, REFER TO DTL 17-18 ON C-26
- 2 CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-31, REFER TO DTL 17, 19, 20, 22, 24, 25 ON C-26, 1.5% MAX SLOPE ANY DIRECTION
- 3 CONSTRUCT 5" PCC ON 12" CLASS 2 AB CONC SIDEWALK & PICNIC SITE PER DTL 2 ON C-31, REFER TO DTL 17, 21 - 24, 26 ON C-26, LANDING 1.5% MAX SLOPE ANY DIRECTION
- 4 INSTALL 3'DxX'W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-30 & REFER TO DTL 17, 22, 24 ON C-26
- 5 INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN PER TO DTL 5 ON C-31, REFER TO DTL 17, 19, 20, 22, 24, 25 ON C-26
- 6 INSTALL 6" DG ABOVE GEOTEXTILE FABRIC PER DTL 12 ON C-31 & DTL 5 ON C-32, REFER TO DTL 21-24, 26 ON C-26
- 7 CONSTRUCT 4" WIDE WHITE STRIPE PARKING
- 8 INSTALL VAN ACCESSIBLE PARKING STALL PER DTL 1 ON C-30
- 9 INSTALL ACCESSIBLE PARKING STALLS PER DTL 1 ON C-30
- 10 INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-30
- 11 INSTALL WHEEL STOP PER DTL 9 ON C-30
- 12 CONSTRUCT 4" WIDE WHITE STRIPE, 3-FT O.C.
- 13 CONSTRUCT 12" HEIGHT WHITE "NO PARKING"
- 14 INSTALL 6" OF AGGREGATE BASE FOR 1-FT BENCH PER DTL 6 ON C-31, REFER TO DTL 17-19 ON C-26
- 15 INSTALL (N) ACCESSIBLE SINGLE BBQ PER DTL 3 ON C-32
- 16 INSTALL (N) ACCESSIBLE PICNIC TABLE PER DTL 2 ON C-32
- 17 INSTALL (N) TRASH-RECYCLE CONTAINERS PER DTL 4 ON C-32
- 18 INSTALL (N) REDWOOD DISPLACE CASE - SINGLE PANEL 65"Lx32"Wx121.5"H PER DTL 8 ON C-32
Self not Shelf
- 19 RELOCATION (E) SHELF-PAY STATION, SIGN, POST & BOLLARDS PER PLAN
- 20 RELOCATION (E) SIGN AND POST PER PLAN
- 21 CONSTRUCT SWALE REFER TO DTL 17-19 ON C-26

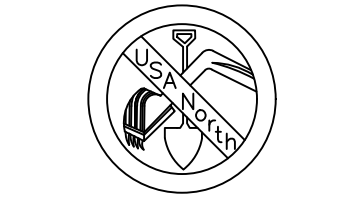
LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) AGGREGATE PAVING OR DG
- (N) TRUNCATED DOME
- CUT/FILL SOIL
- ACCESSIBLE PATH OF TRAVEL
- x- (E) FENCE
- ⊕ (E) WOOD POST
- ⊥ (E) SIGN AND POST
- (E) WOOD BOLLARD POST
- △ SURVEY CONTROL POINT

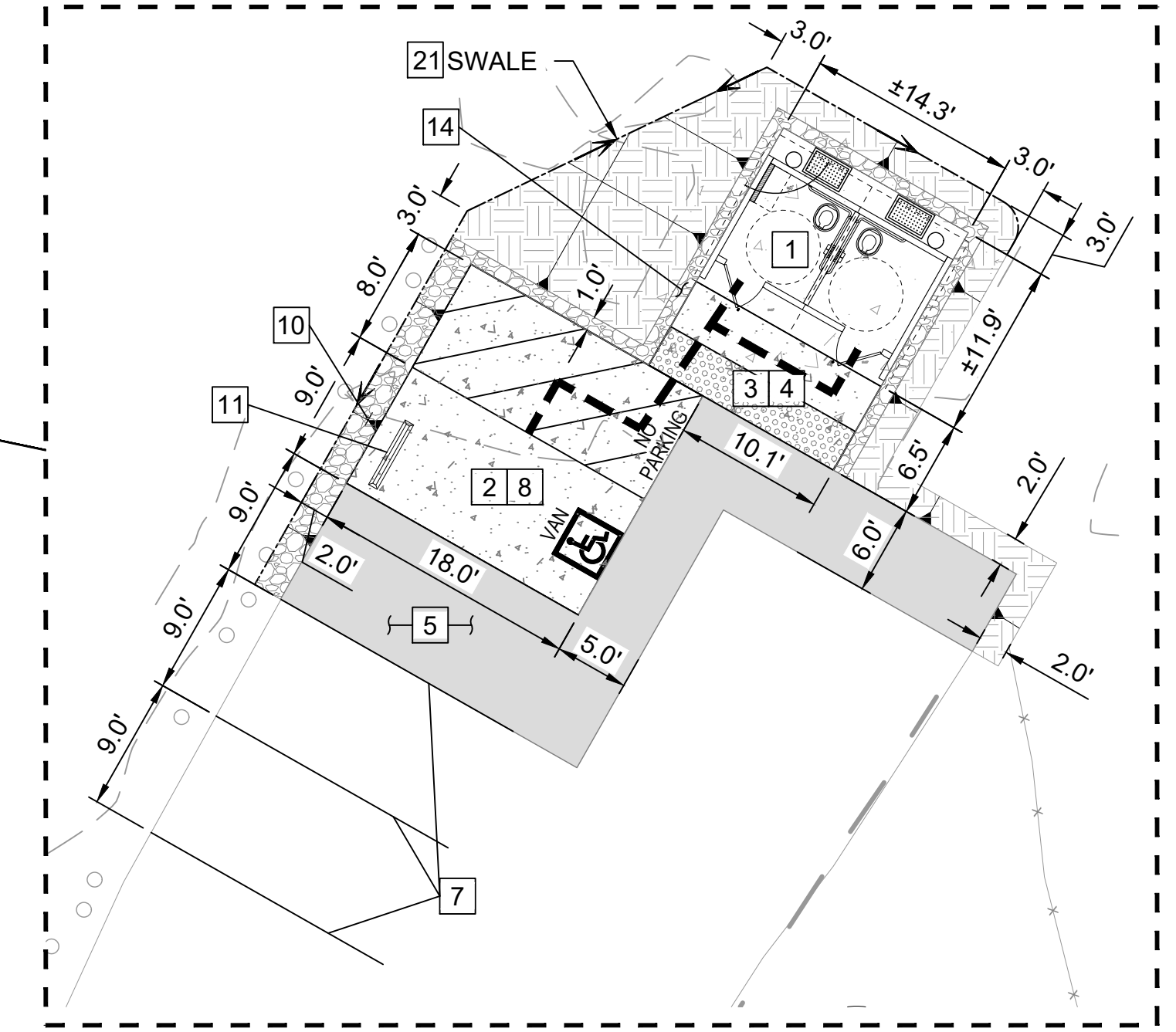
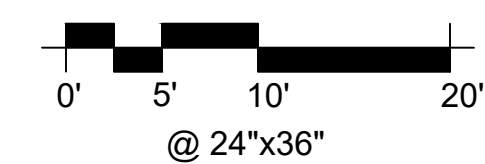
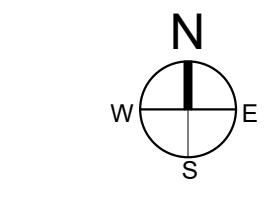
GENERAL NOTES:

- 1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

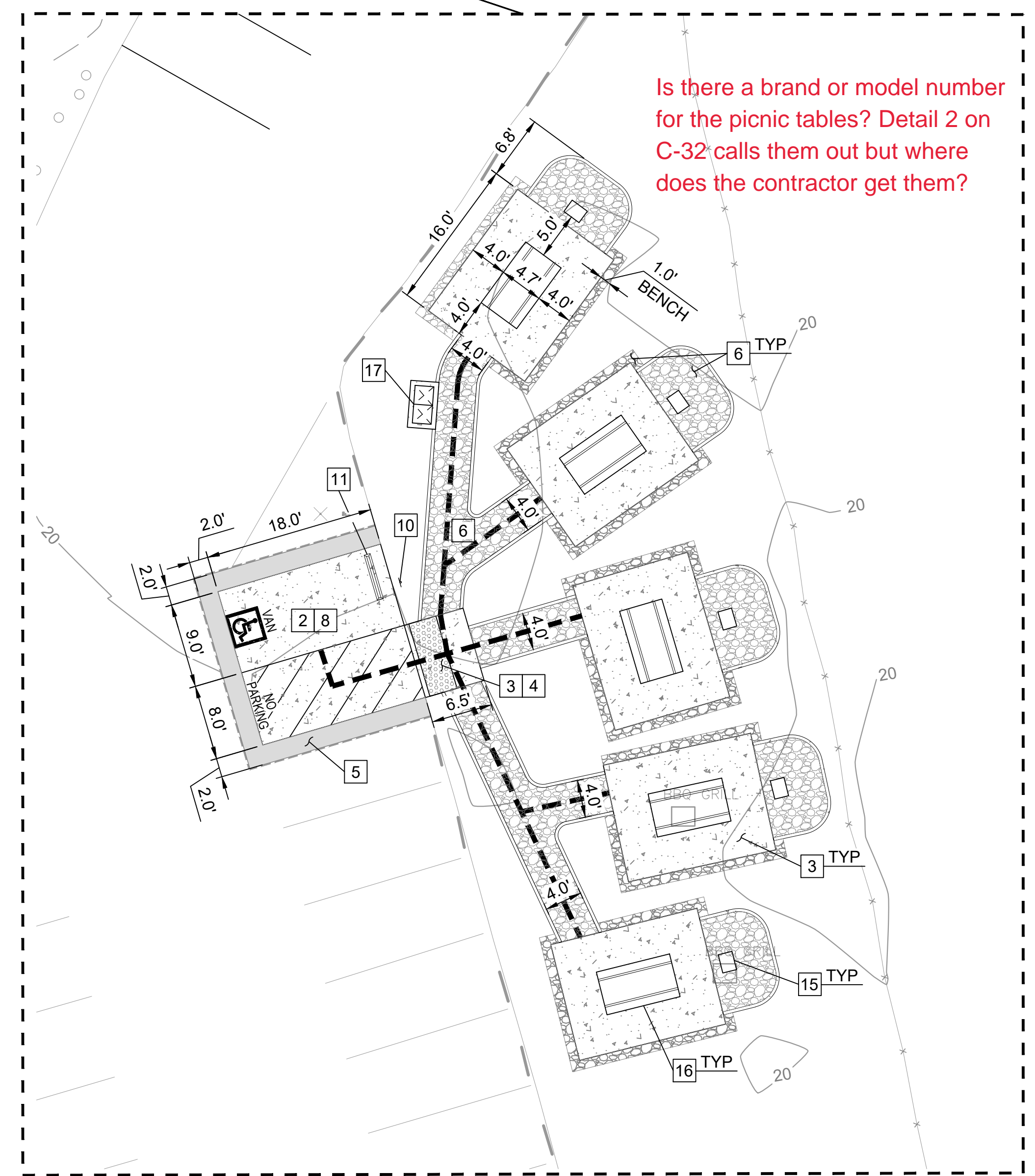
UNDERGROUND SERVICE ALERT



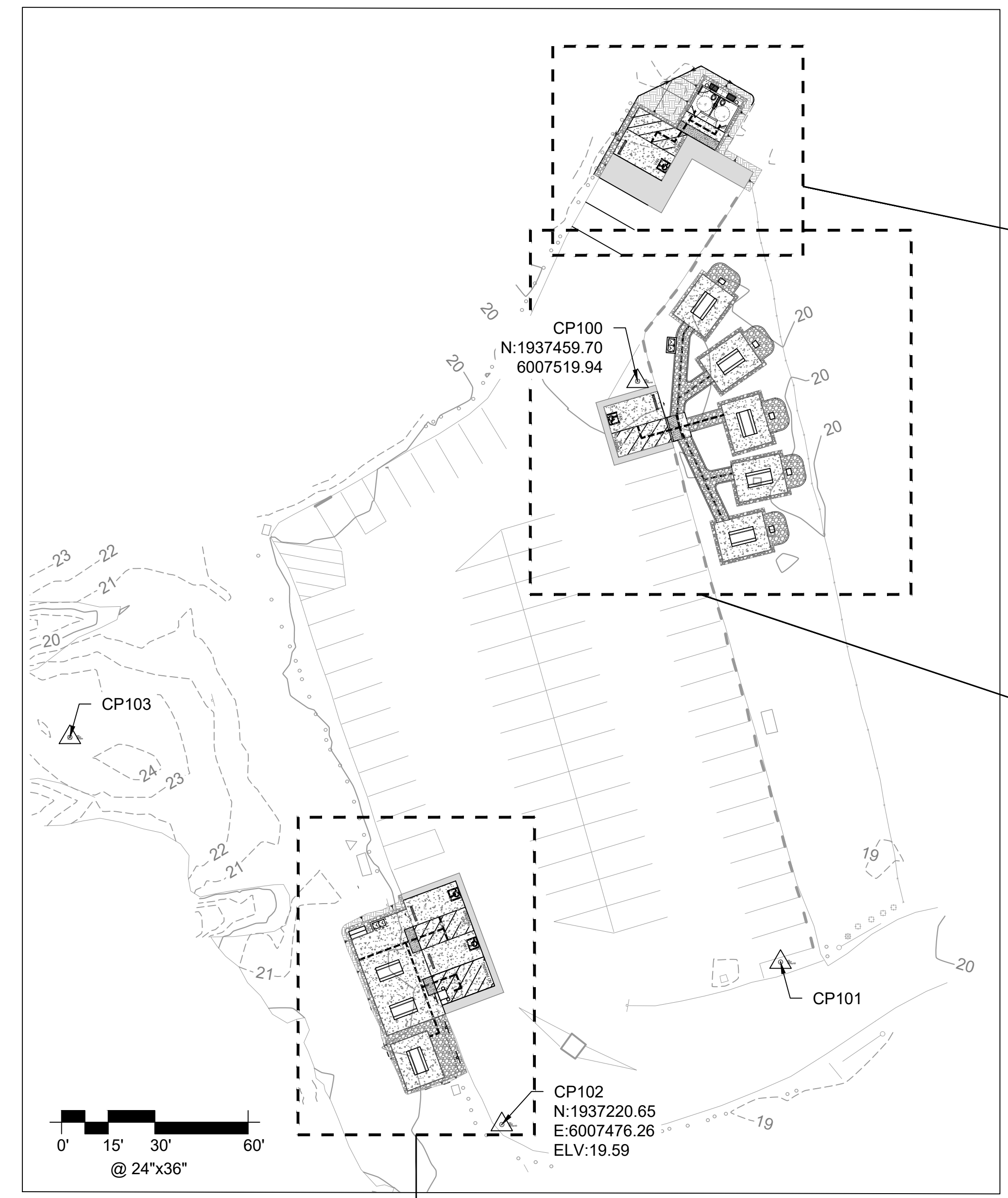
1-800-642-244
CALL BEFORE YOU DIG



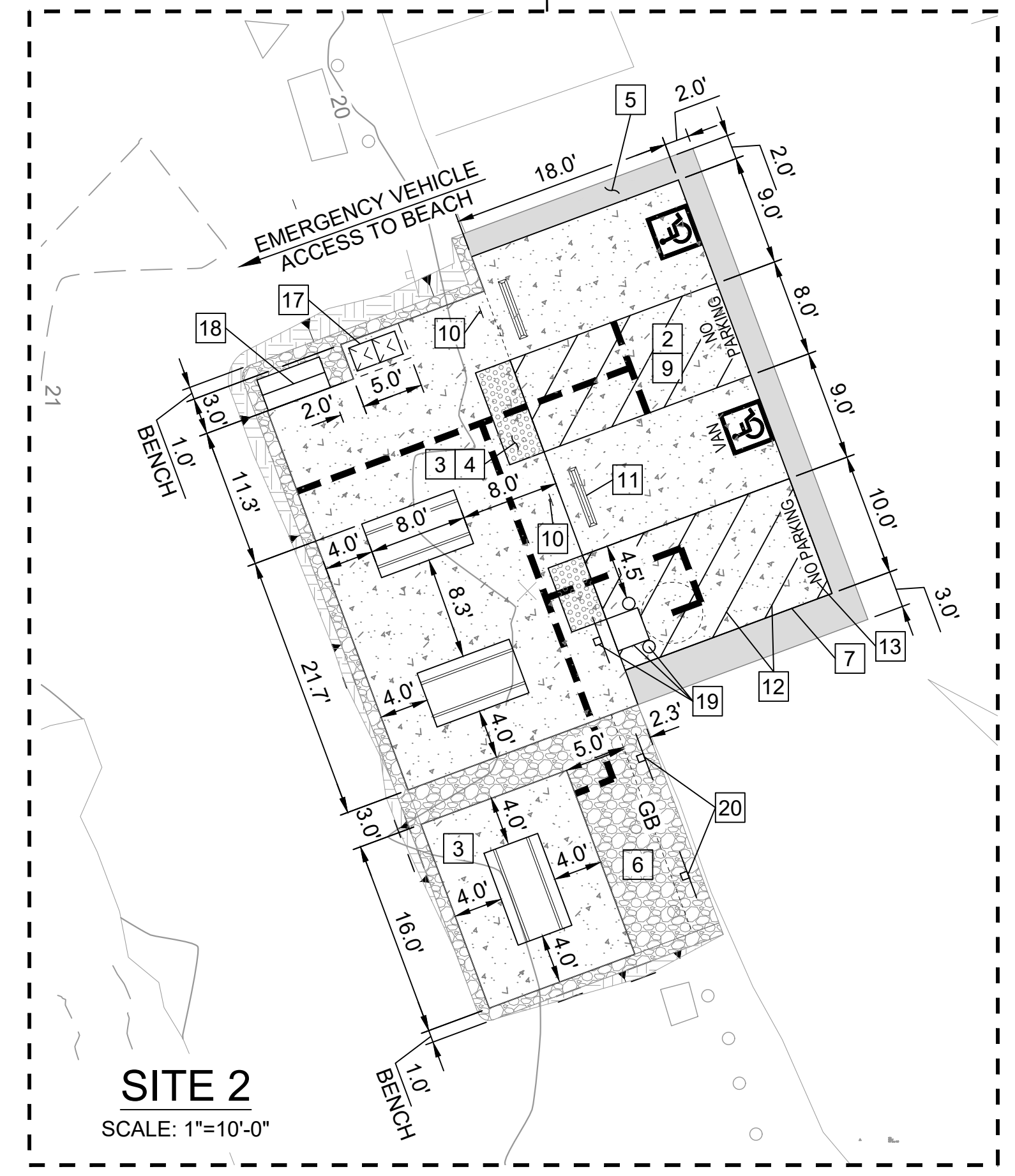
SITE 1
SCALE: 1"=10'-0"



SITE 3
SCALE: 1"=10'-0"



ENLARGE SITE



SITE 2
SCALE: 1"=10'-0"

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-9 SITE PLAN - POMPONIO SB.dwg Layout: C-9 SITE PLAN - POMPONIO SB Date: May 18 2023 - 11:08 am User: ile



FACILITIES AND DEVELOPMENT DIVISION

« PRELIMINARY »
NOT FOR
CONSTRUCTION

DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION
NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**GRADING & HORIZONTAL CONTROL
PLAN, SITE 1 - POMPONIO SB**

206279.013

SHEET NO.
C-10
013 OF 040

LINE TABLE		
LINE	LENGTH	BEARING
L ₁	64.91'	N06°51'14"E
L ₂	18.00'	N60°23'15"W
L ₃	17.00'	N29°36'45"E
L ₄	13.78'	S60°23'15"E
L ₅	6.50'	N29°36'45"E
L ₆	14.33'	S60°23'15"E
L ₇	6.50'	S29°36'45"W
L ₈	14.20'	S60°23'15"E
L ₉	6.00'	S29°36'45"W
L ₁₀	24.01'	N29°36'45"E
L ₁₁	4.99'	N29°36'45"E
L ₁₂	17.42'	N64°22'38"E
L ₁₃	5.00'	N64°22'38"E
L ₁₄	18.33'	S60°23'15"E
L ₁₅	1.00'	S29°36'45"W

CURVE TABLE					
CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C ₁	90°00'00"	2.00'	3.14'	2.00'	2.83'

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) AGGREGATE PAVING
- FILL SOIL
- (N) TRUNCATED DOME
- ACCESSIBLE PATH OF TRAVEL
- (E) FENCE
- (E) WOOD BOLLARD POST
- SURVEY CONTROL POINT

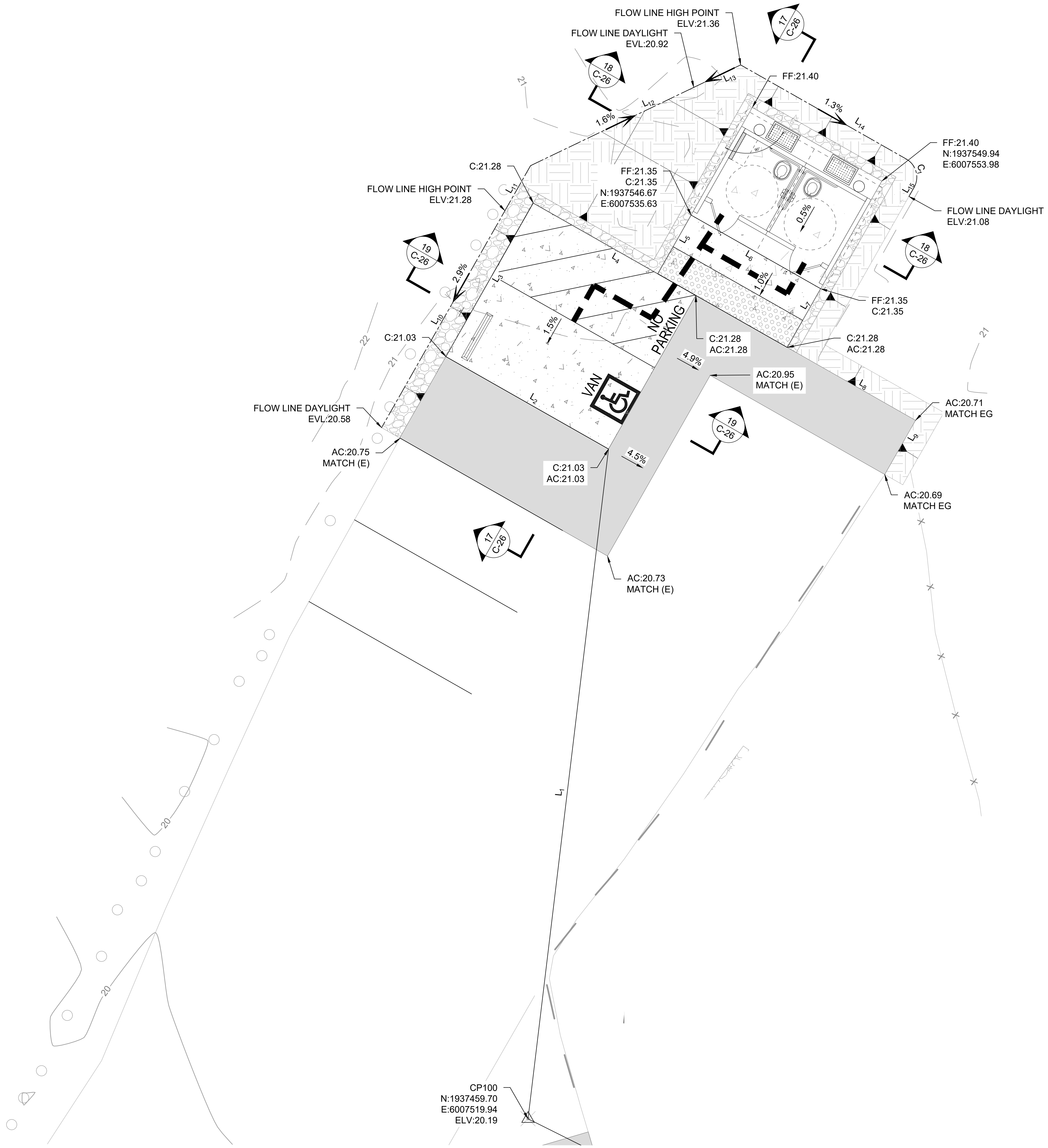
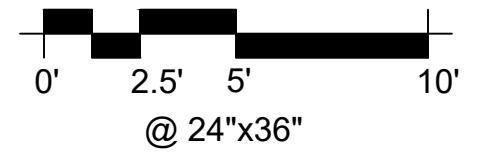
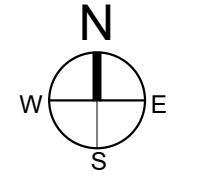
GENERAL NOTES:

- UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



1-800-642-244
CALL BEFORE YOU DIG



CP100
N:1937459.70
E:6007519.94
ELV:20.19

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FACILITIES AND DEVELOPMENT DIVISION

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ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION
NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**GRADING & HORIZONTAL CONTROL
PLAN, SITE 2 - POMPONIO SB**

206279.014

SHEET NO.
C-11
014 OF 040

LINE TABLE		
LINE	LENGTH	BEARING
L ₁	44.67'	N02°56'24"W
L ₂	36.00'	N20°22'31"W
L ₃	18.00'	S69°37'29"W
L ₄	3.00'	S20°22'31"E
L ₅	12.50'	S69°37'29"W
L ₆	3.00'	S20°22'31"E
L ₇	7.50'	S69°37'29"W
L ₈	33.00'	S20°22'31"E
L ₉	20.00'	N69°37'29"E
L ₁₀	3.00'	N20°22'31"W
L ₁₁	18.00'	N69°37'29"E
L ₁₂	3.00'	S20°22'31"E
L ₁₃	16.00'	S20°22'31"E
L ₁₄	12.67'	N69°37'29"E
L ₁₅	5.00'	N69°37'29"E
L ₁₆	2.33'	N69°37'29"E
L ₁₇	19.00'	N20°22'31"W

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) DECOMPOSED GRANITE
- CUT / FILL SOIL
- (N) TRUNCATED DOME
- ACCESSIBLE PATH OF TRAVEL
- (E) WOOD BOLLARD POST
- SURVEY CONTROL POINT

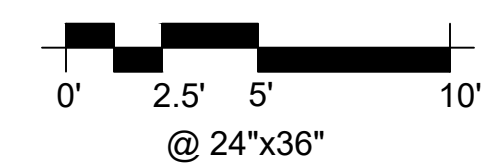
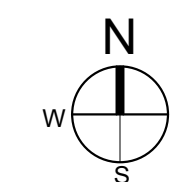
GENERAL NOTES:

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- PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



1-800-642-244
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NORTHERN SERVICE CENTER

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CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**GRADING & HORIZONTAL CONTROL
PLAN, SITE 3 - POMPONIO SB**

206279.015

SHEET NO.
C-12
015 OF 040

LINE TABLE

LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L ₁	7.11'	S63°25'16"E	L ₁₆	11.86'	S73°41'33"W
L ₂	18.00'	S73°41'33"W	L ₁₇	2.33'	N16°18'27"W
L ₃	17.00'	S16°18'27"E	L ₁₈	0.34'	S73°41'33"W
L ₄	20.12'	N73°41'33"E	L ₁₉	2.10'	N04°17'22"E
L ₅	29.31'	S25°08'00"E	L ₂₀	10.19'	N55°02'10"E
L ₆	4.08'	N76°01'37"E	L ₂₁	4.00'	N34°57'50"W
L ₇	10.72'	N25°08'00"W	L ₂₂	6.24'	S55°02'10"W
L ₈	5.14'	N77°46'40"E	L ₂₃	13.04'	N04°17'15"E
L ₉	4.00'	N12°13'19"W	L ₂₄	1.77'	N36°16'21"E
L ₁₀	6.35'	S77°46'40"W	L ₂₅	4.00'	N53°43'39"W
L ₁₁	11.18'	N25°08'00"W	L ₂₆	1.77'	S36°16'21"W
L ₁₂	0.34'	N73°41'33"E	L ₂₇	25.34'	S04°17'15"W
L ₁₃	1.67'	N16°18'27"W	L ₂₈	1.87'	S73°41'33"W
L ₁₄	11.86'	N73°41'33"E	L ₂₉	9.00'	N16°18'27"W
L ₁₅	4.00'	N16°18'27"W			

CURVE TABLE

CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C ₁	102°54'34"	1.50'	2.69'	1.88'	2.35'
C ₂	77°05'11"	2.00'	2.69'	1.59'	2.49'
C ₃	50°45'09"	3.00'	2.66'	1.42'	2.57'
C ₄	129°14'59"	1.00'	2.26'	2.11'	1.81'
C ₅	31°59'03"	3.00'	1.68'	0.86'	1.65'
C ₆	31°59'05"	7.00'	3.91'	2.01'	3.86'

- LEGEND**
- (N) ASPHALT
 - (N) CONCRETE
 - (N) DECOMPOSED GRANITE
 - (N) TRUNCATED DOME
 - ACCESSIBLE PATH OF TRAVEL
 - (E) FENCE
 - (E) WOOD BOLLARD POST
 - SURVEY CONTROL POINT

- GENERAL NOTES:**
- UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
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UNDERGROUND SERVICE ALERT

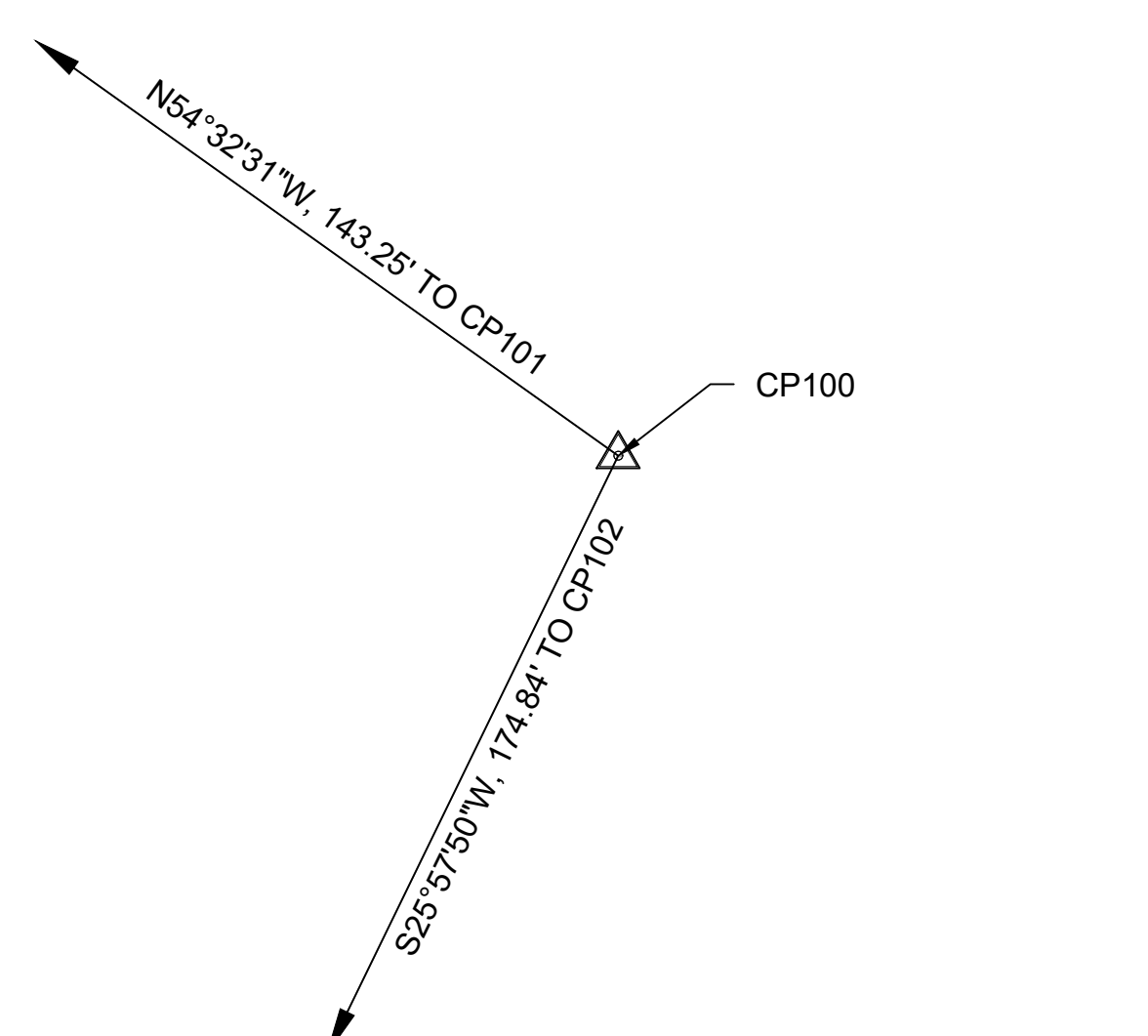
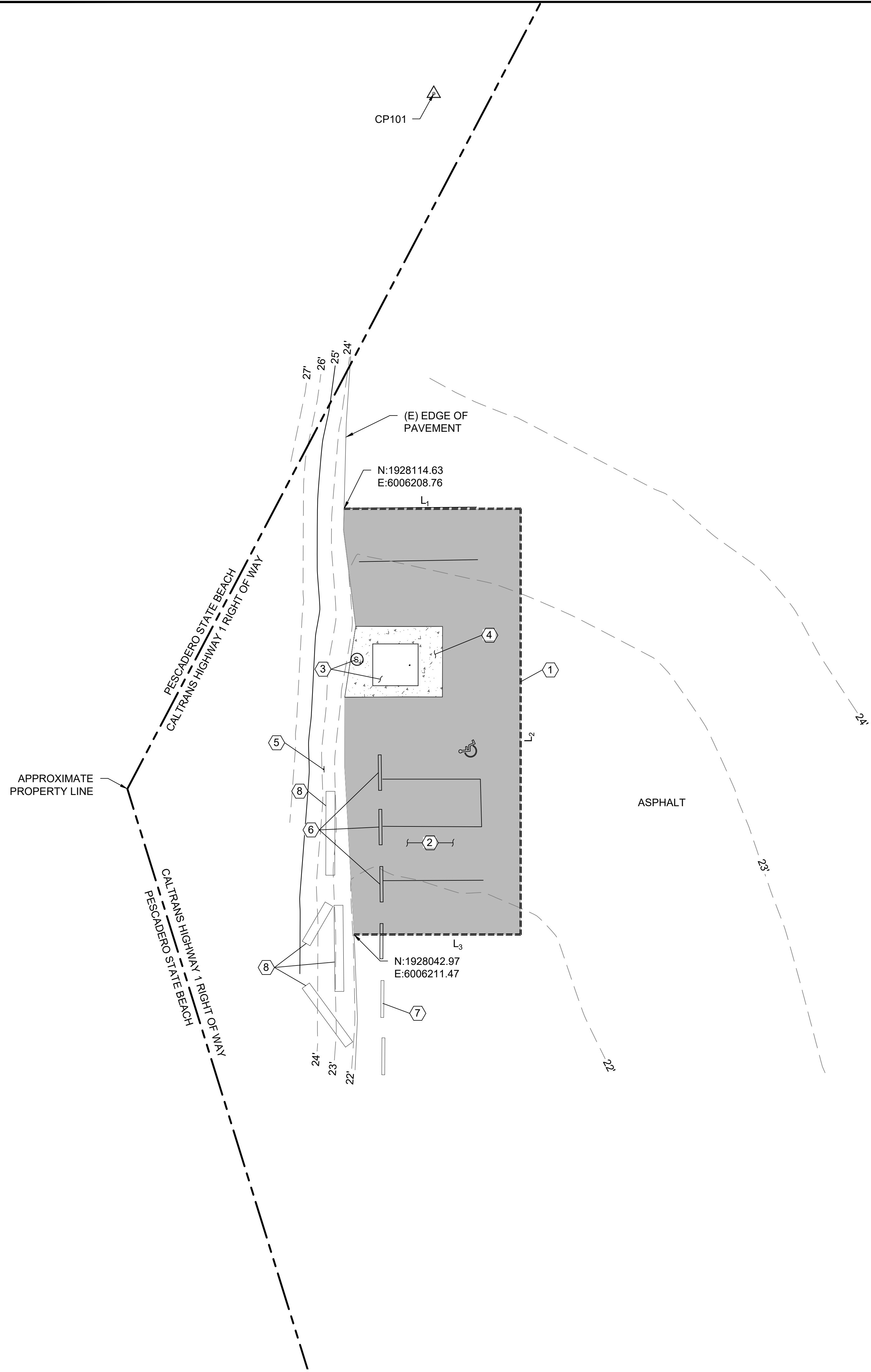
1-800-642-244
CALL BEFORE YOU DIG

0' 5' 10' 20'
@ 24"x36"



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CONTROL DIAGRAM
NOT TO SCALE

DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT ASPHALT, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ③ PUMP (E) VAULT, REMOVE & DISPOSE OF (E) VAULT TOILET
- ④ REMOVE & DISPOSE (E) CONCRETE, LIMITS PER PLAN
- ⑤ REMOVE & DISPOSE (E) ACCESSIBLE SIGN
- ⑥ REMOVE AND DISPOSE (E) WHEEL STOPS, LIMIT PER PLAN
- ⑦ SALVAGE (E) WHEEL STOPS AND RELOCATE PER NOTE 12 ON C-14
- ⑧ (E) WOOD LOG TO REMAIN (PROTECT IN PLACE)

LEGEND

- ASPHALT DEMOLITION
- CONCRETE DEMOLITION
- (E) STRIPING
- SAWCUT
- SURVEY CONTROL POINT

SURVEY CONTROL POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1928100.88'	6006340.42'	32.11'	SET SPIKE
CP101	1928183.98'	6006223.74'	25.32'	SET MAG NAIL
CP102	1927943.69'	6006263.87'	22.64'	SET MAG NAIL

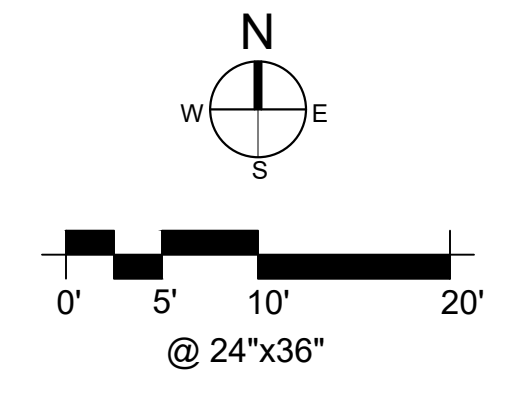
SAWCUT LINE TABLE

LINE	LENGTH	BEARING
L ₁	29.49'	N90°00'00"E
L ₂	71.13'	S00°00'00"W
L ₃	27.84'	S90°00'00"W

GENERAL NOTES:

1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



FACILITIES AND DEVELOPMENT DIVISION

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DATE: _____ MAY 2023

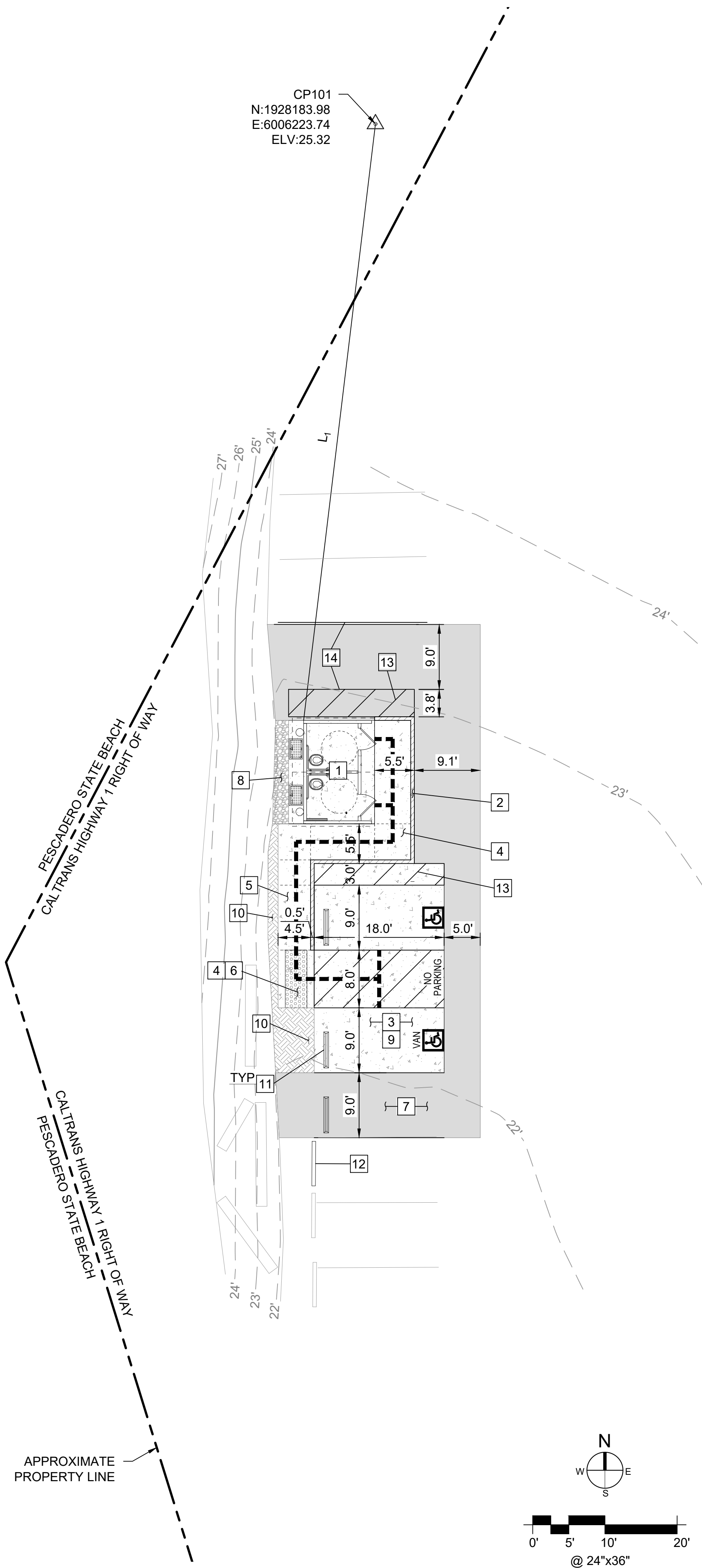
REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**EXISTING & DEMO PLAN -
PESCADERO SB - NORTH**

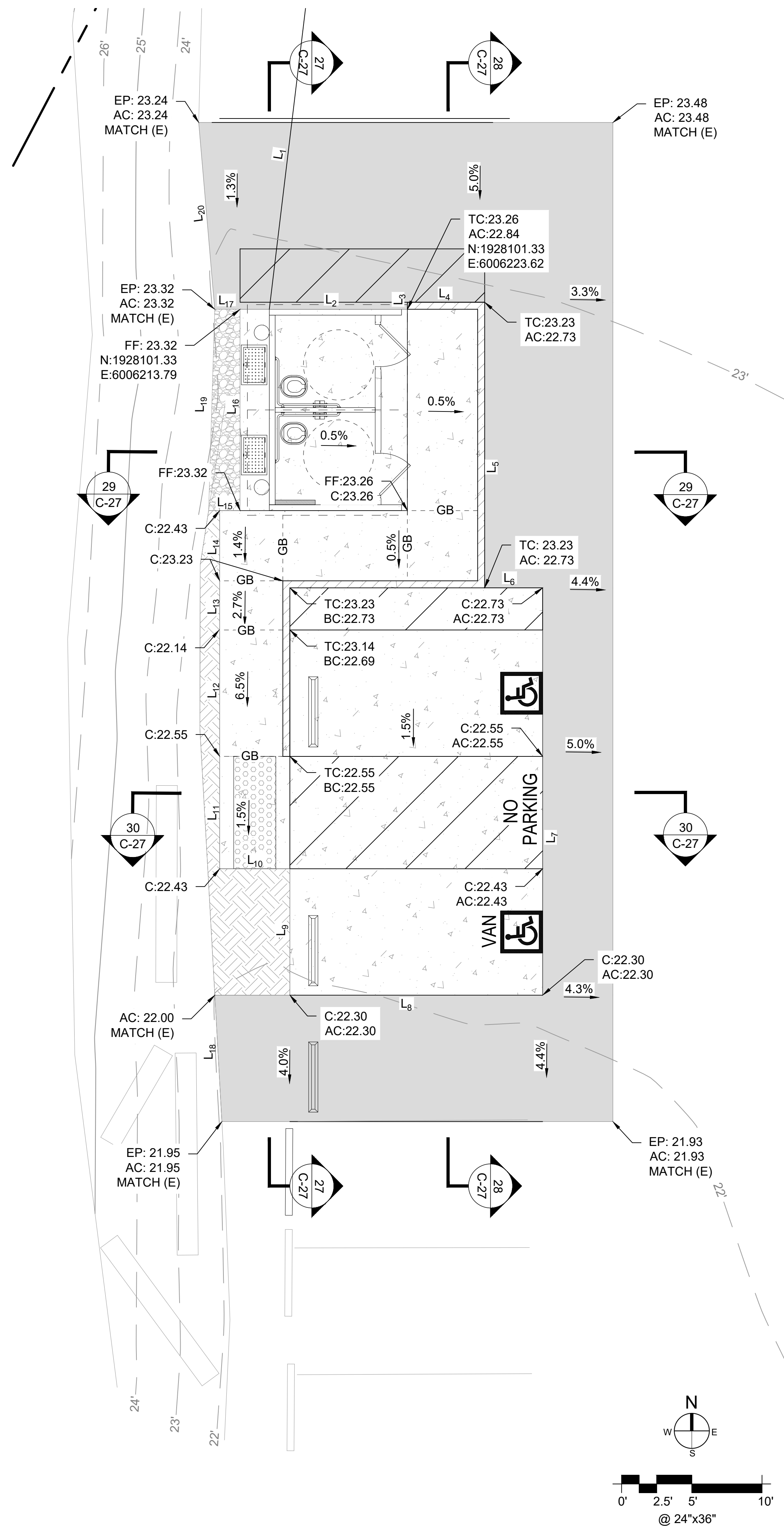
206279.016

SHEET NO.
C-13
016 OF 040

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SITE PLAN



GRADING & HORIZONTAL CONTROL PLAN

CONSTRUCTION NOTES

- 1 INSTALL A DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON C-36, REFER TO DTL 27, 29 ON C-27
- 2 CONSTRUCT 6" CIP CONC CURB PER DTL 3 ON C-31 & REFER TO DTL 28 - 29 ON C-27
- 3 CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-31, REFER TO DTL 28, 30 ON C-27, 1.5% MAX SLOPE ANY DIRECTION
- 4 CONSTRUCT 5" PCC ON 12" CLASS 2 AB CONC SIDEWALK PER DTL 2 ON C-31, REFER TO DTL 27 - 28 ON C-27, LANDING 1.5% MAX SLOPE ANY DIRECTION.
- 5 CONSTRUCT CIP CONC CURB RAMP PER DTL 7 ON C-31, REFER TO DTL 27 ON C-27, SLOPE LIMIT PER PLAN.
- 6 INSTALL 3'Dx8"W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-30 & REFER TO DTL 27, 30 ON C-27. DOMES HAVE TO SET BACK 6" MIN FROM THE BACK OF CURB
- 7 INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN, PER TO DTL 5 ON C-31, REFER TO DTL 27 - 30
- 8 INSTALL 6" OF AGGREGATE PAVING PER DTL 6 ON C-31, REFER TO DTL 29 ON C-27
- 9 INSTALL ACCESSIBLE PARKING STALL PER DTL 1 ON C-30
- 10 INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-30
- 11 INSTALL WHEEL STOP PER DTL 9 ON C-30
- 12 RELOCATE (E) WHEEL STOP PER PLAN
- 13 CONSTRUCT 4" WIDE STRIPE, 3-FT OC
- 14 CONSTRUCT 4" WIDE WHITE STRIPE PARKING

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) CONCRETE CURB
- (N) AGGREGATE PAVING
- (N) TRUNCATED DOME
- FILL SOIL
- ACCESSIBLE PATH OF TRAVEL
- SURVEY CONTROL POINT

LINE TABLE

LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L1	83.26'	S06°51'46"W	L11	8.00'	N00°00'00"E
L2	9.83'	S90°00'00"E	L12	9.00'	N00°00'00"E
L3	0.50'	N90°00'00"E	L13	3.50'	N00°00'00"E
L4	5.5'	N90°00'00"E	L14	5.00'	N00°00'00"E
L5	20.33'	S00°00'00"E	L15	1.45'	N00°00'00"E
L6	4.13'	N90°00'00"E	L16	14.33'	N00°00'00"W
L7	29.00'	S00°00'00"E	L17	1.80'	N90°00'00"W
L8	18.00'	S90°00'00"W	L18	9.01'	N03°12'40"W
L9	9.00'	N00°00'00"E	L19	14.34'	N01°44'33"E
L10	5.00'	N90°00'00"W	L20	13.35'	N04°54'21"W

GENERAL NOTES:

1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



FACILITIES AND DEVELOPMENT DIVISION

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DATE: _____ MAY 2023

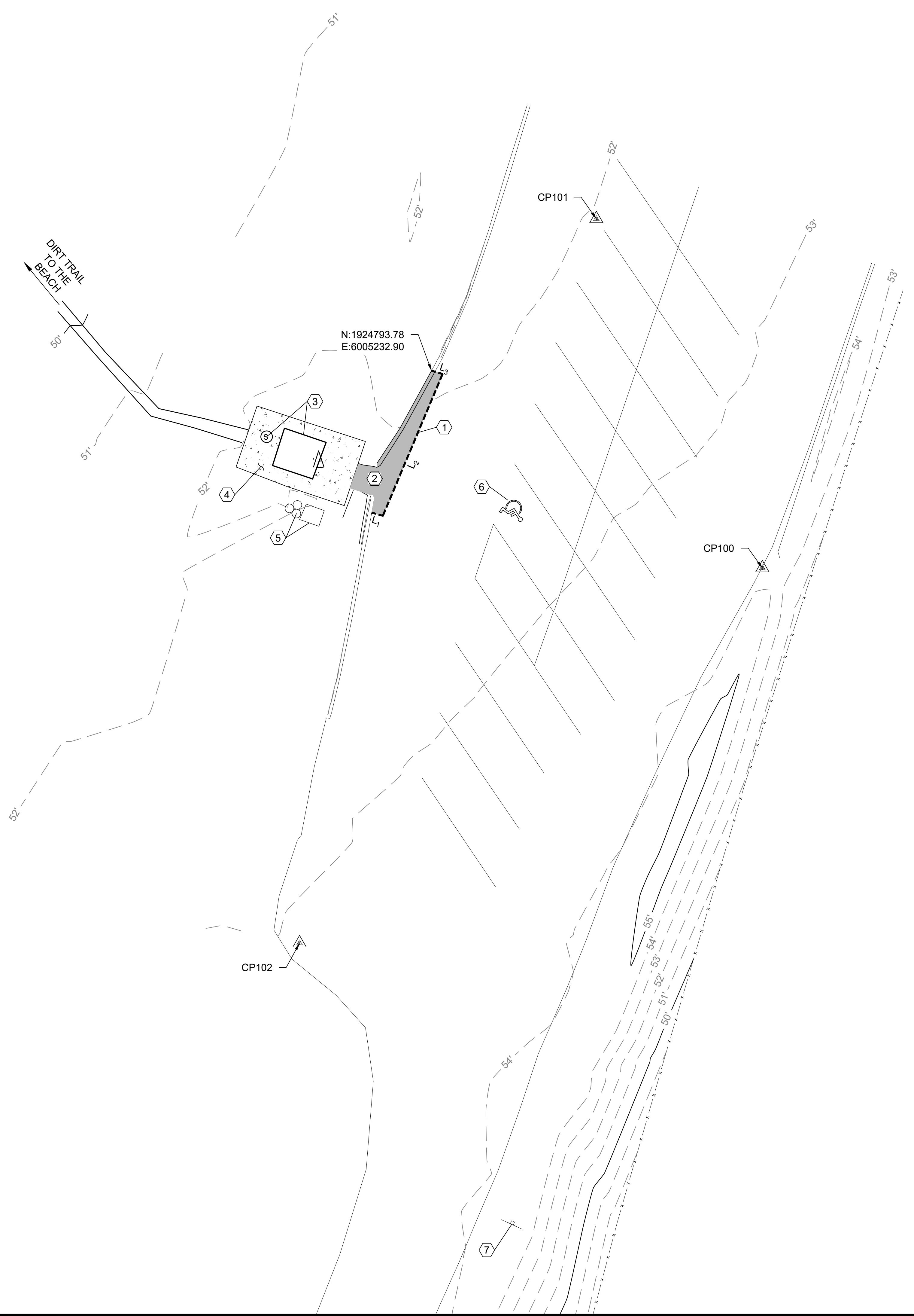
REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**GRADING & HORIZONTAL CONTROL
PLAN - PESCADERO SB - NORTH**

206279.017

SHEET NO.
C-14
017 OF 040

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_r_replacement\Civil\C-26 GRADING & PAVING SECTIONS 3.dwg Layout: C-26 GRADING & PAVING SECTIONS 3 Date: May 15 2023 - 3:01 pm User: tte



DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT ASPHALT, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ③ PUMP (E) VAULT, REMOVE & DISPOSE OF (E) VAULT TOILET
- ④ REMOVE & DISPOSE (E) CONCRETE, LIMITS PER PLAN
- ⑤ SALVAGE (E) TRASH AND RECYCLE CONTAINERS AND RELOCATE PER STATE REPRESENTATIVE
- ⑥ OBLITERATE (E) PAVEMENT MARKINGS
- ⑦ (E) SIGN TO REMAIN

LEGEND

- ASPHALT DEMOLITION
- CONCRETE DEMOLITION
- (E) STRIPING
- SAWCUT
- (E) CALTRANS CHAIN LINK FENCE
- SURVEY CONTROL POINT

SAWCUT LINE TABLE

LINE	LENGTH	BEARING
L ₁	2.00'	S73°50'55"E
L ₂	26.69'	N22°50'46"E
L ₃	2.00'	N73°50'55"W

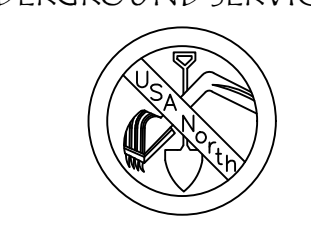
SURVEY CONTROL POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1924759.58'	6005290.27'	53.78'	SET MAG NAIL
CP101	1924820.09'	6005261.48'	52.08'	SET MAG NAIL
CP102	1924694.58'	6005210.02'	53.18'	SET MAG NAIL

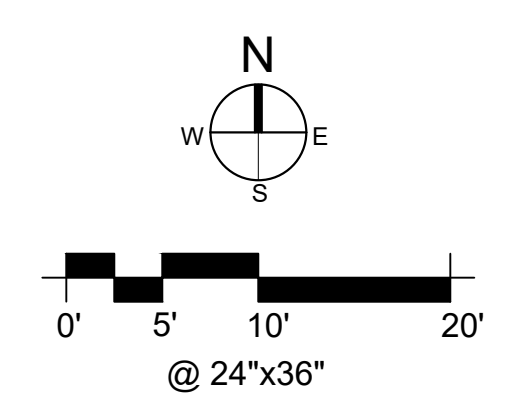
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2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



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FACILITIES AND DEVELOPMENT DIVISION

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DATE: _____ MAY 2023

REVISIONS	DATE

**SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
EXISTING & DEMO PLAN -
PESCADERO SB - CENTRAL**

206279.018

SHEET NO.
C-15
018 OF 040



FACILITIES AND DEVELOPMENT DIVISION

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DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**GRADING & HORIZONTAL CONTROL
PLAN - PESCADERO SB - CENTRAL**

206279.019

SHEET NO.

C-16

019 OF 040

CONSTRUCTION NOTES

- 1 INSTALL A DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON C-36, REFER TO DTL 31 ON C-27
- 2 CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-31, REFER TO DTL 31 - 32 ON C-27, 1.5% MAX SLOPE ANY DIRECTION
- 3 CONSTRUCT 5" PCC ON 6" CLASS 2 AB CONC SITEWALK PER DTL 2 ON C-31, REFER TO DTL 31 - 32 ON C-27, LANDING 1.5% MAX SLOPE ANY DIRECTION
- 4 INSTALL YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-30 & REFER TO DTL 31 ON C-27
- 5 INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN, PER TO DTL 5 ON C-31, REFER TO DTL 32 ON C-27
- 6 INSTALL VAN ACCESSIBLE PARKING STALL PER DTL 1 ON C-30
- 7 INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-30
- 8 INSTALL WHEEL STOP PER DTL 9 ON C-30
- 9 INSTALL (N) TRASH - RECYCLE CONTAINERS PER DTL 4 ON C-32

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) TRUNCATED DOME
- CUT/FILL SOIL
- ACCESSIBLE PATH OF TRAVEL
- SURVEY CONTROL POINT

LINE	LENGTH	BEARING
L ₁	44.06'	S57°11'51"W
L ₂	18.00'	N73°50'55"W
L ₃	23.50'	S16°09'05"W
L ₄	1.67'	S73°50'55"E
L ₅	11.92'	S16°09'05"W
L ₆	14.33'	S73°50'55"E
L ₇	8.92'	N16°09'05"E
L ₈	6.84'	S73°50'55"E
L ₉	6.50'	N16°09'05"E
L ₁₀	17.42'	N28°44'33"E
L ₁₁	8.80'	N73°50'55"W

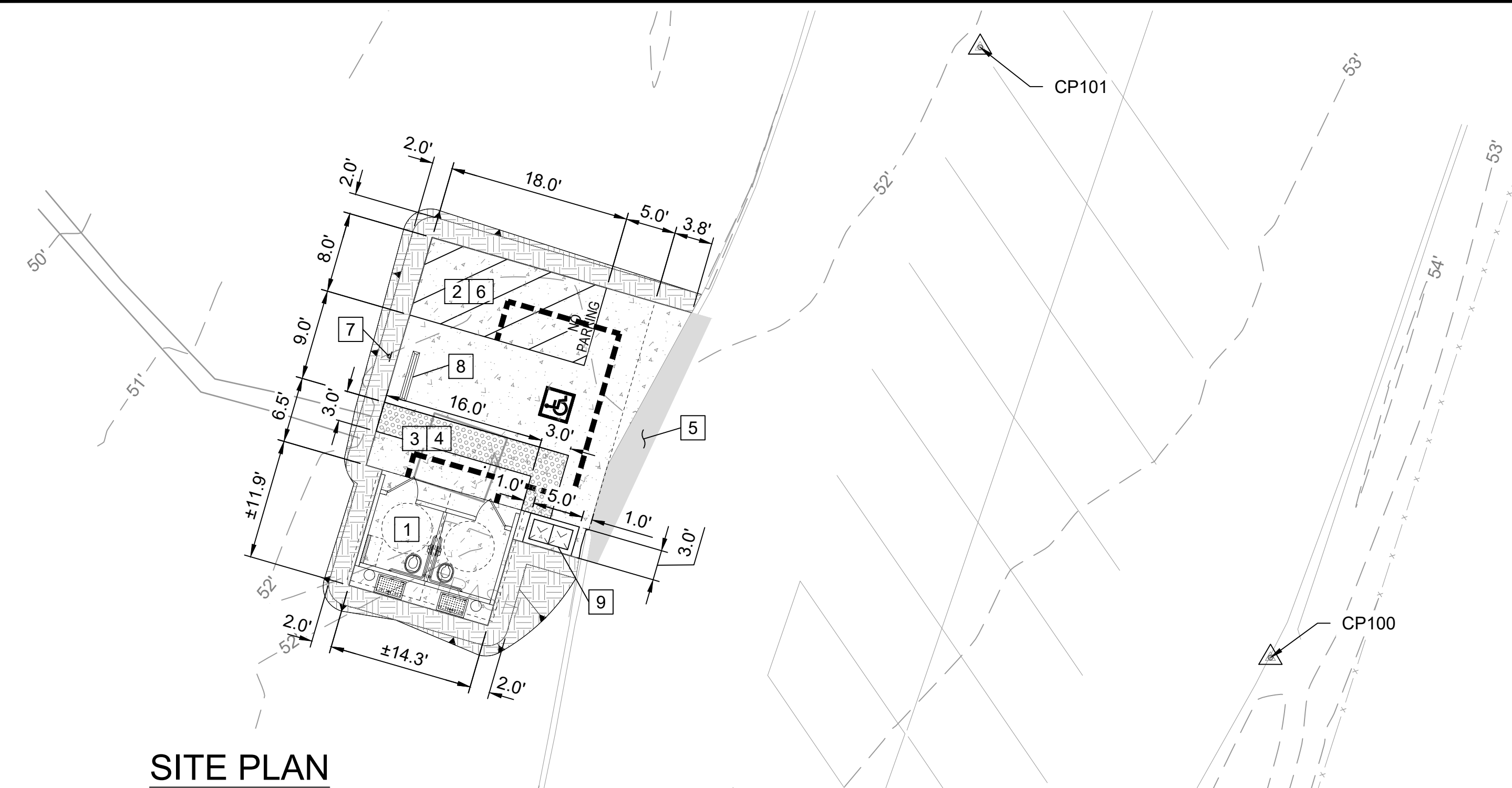
GENERAL NOTES:

1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

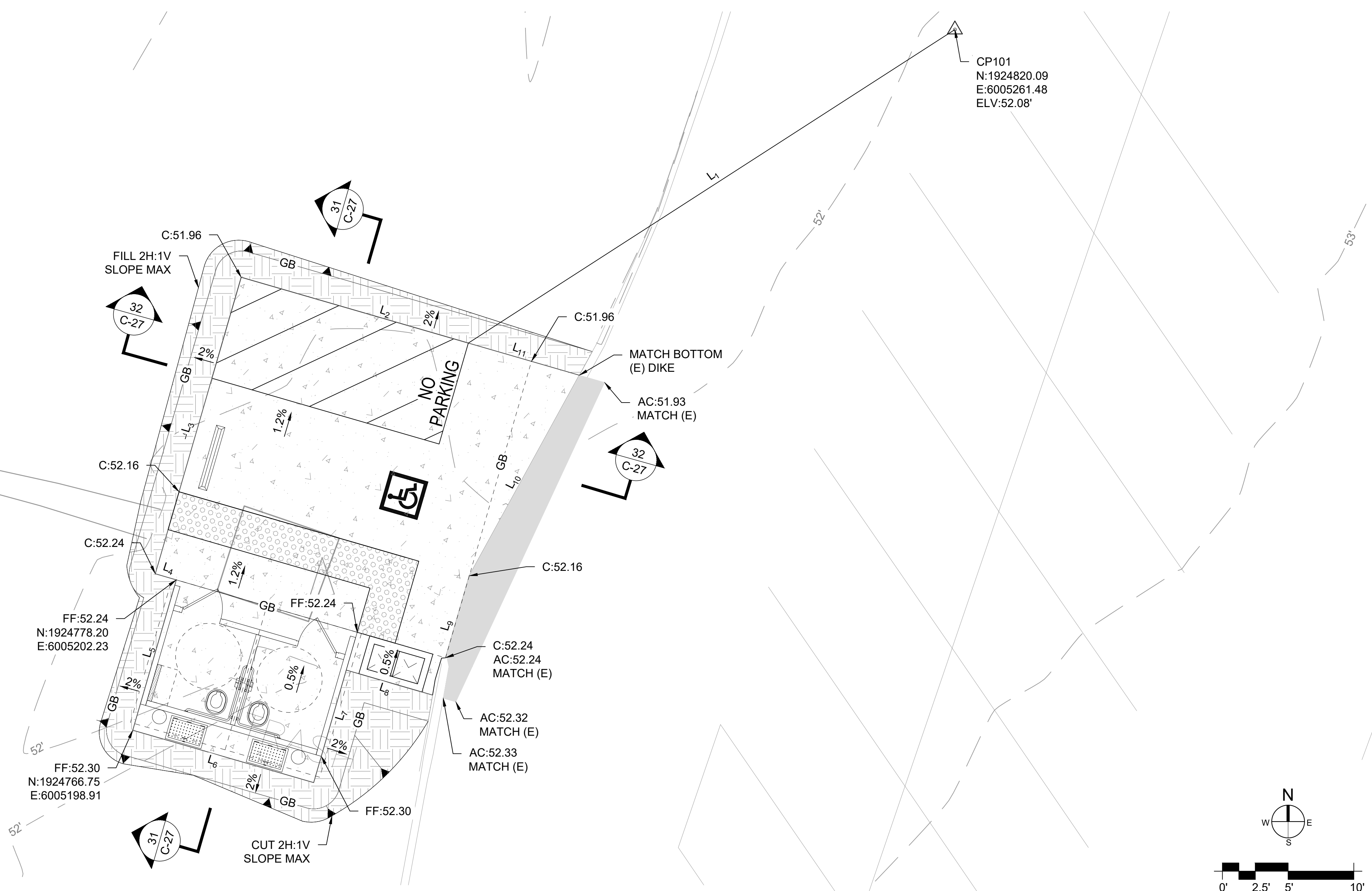
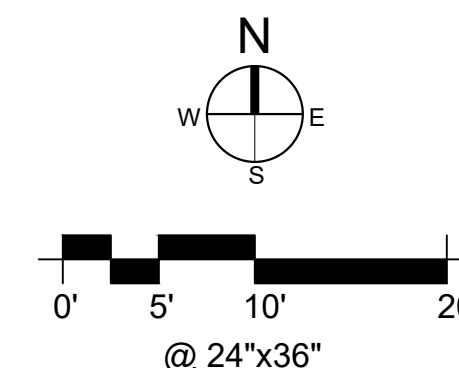
UNDERGROUND SERVICE ALERT



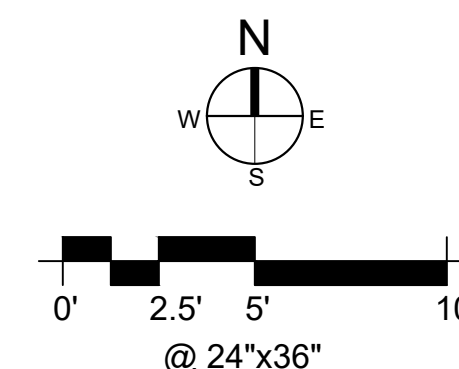
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SITE PLAN

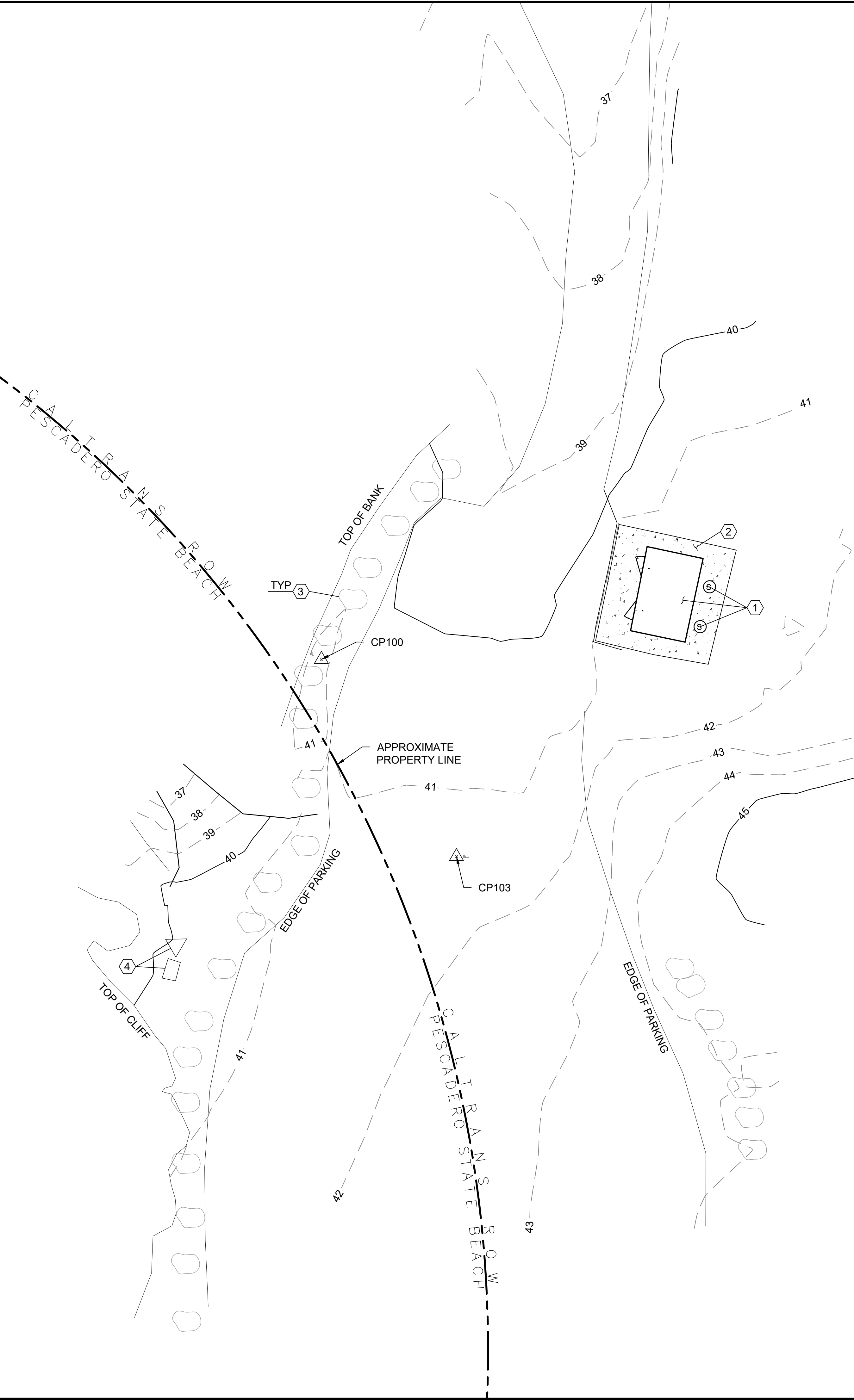


GRADING & HORIZONTAL CONTROL PLAN



File: Q:\santa_cruz_district\206279-san_mateo_coast_tr_replacement\05_drawings\Civil\C-26 GRADING & PAVING SECTIONS 3.dwg Layout: C-26 GRADING & PAVING SECTIONS 3 Date: May 15 2023 - 3:01 pm User: tie

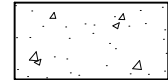


File: Q:\santa_cruz_district\206279-san_mateo_coast_r_replacement\05_drawings\Civil\C-17_EXISTING & DEMO PLAN - PESCADERO SB - SOUTH.dwg Layout: C-17_EXISTING & DEMO PLAN - PESCADERO SB - SOUTH Date: May 18 2023 - 4:10 pm User: ile



DEMOLITION CONSTRUCTION NOTES

- ① PUMP (E) VAULTS, REMOVE & DISPOSE OF (E) VAULT TOILETS
- ② REMOVE & DISPOSE (E) CONCRETE, LIMITS PER PLAN
- ③ (E) ROCK BARRICADE TO REMAIN (PROTECT IN PLACE)
- ④ (E) TRASH AND RECYCLE CONTAINERS TO REMAIN

LEGEND

-  CONCRETE DEMOLITION
-  (E) ROCK BARRICADE
-  SURVEY CONTROL POINT

SURVEY CONTROL POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1923105.40'	6004859.74'	41.26'	SET SPIKE
CP101	1922924.38'	6004830.70'	42.65'	SET SPIKE
CP102	1923217.04'	6004872.58'	35.45'	SET SPIKE
CP103	1923072.94'	6004881.97'	41.67'	SET MAG NAIL

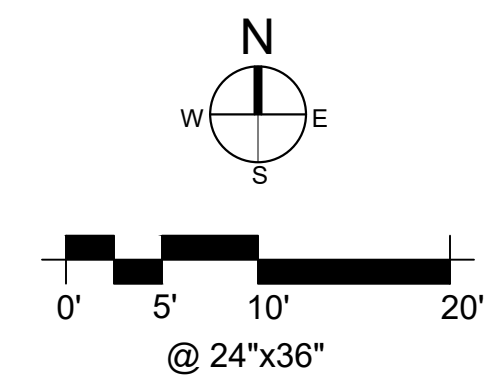
GENERAL NOTES:

1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



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FACILITIES AND DEVELOPMENT DIVISION

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DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION,
NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

△	REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**EXISTING & DEMO PLAN -
PESCADERO SB - SOUTH**

206279.020

SHEET NO.

C-17

020 OF 040



FACILITIES AND DEVELOPMENT DIVISION

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ACCESSIBILITY SECTION
CERTIFICATION #
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ACCESSIBILITY COMPLIANCE AND STATE FIRE
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DEPARTMENT OF PARKS AND RECREATION
NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**GRADING & HORIZONTAL CONTROL
PLAN - PESCADERO SB - SOUTH**

206279.021

SHEET NO.

C-18

021 OF 040

PAVING CONSTRUCTION NOTES

- INSTALL A DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON C-36, REFER TO DTL 34 ON C-27
- CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-31, REFER TO DTL 33 ON C-27 & DTL 35 ON C-28, 1.8% MAX SLOPE ANY DIRECTION
- CONSTRUCT 5" PCC ON 6" CLASS 2 AB CONC SIDEWALK PER DTL 2 ON C-31, REFER TO DTL 33 - 34 ON C-27, LANDING 1.5% MAX SLOPE ANY DIRECTION.
- INSTALL 3'Dx8"W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-30 & REFER TO DTL 33 ON C-27
- INSTALL (N) 20" OF CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X OR EQUAL) TRANSITION TO (E) ROAD PER DTL 9 ON C-31, REFER TO DTL 34 ON C-27 & DTL 35 ON C-28
- INSTALL 6" OF AGGREGATE BASE FOR 1-FT BENCH PER DTL 6 ON C-31
- INSTALL VAN ACCESSIBLE PARKING STALL PER DTL 1 ON C-30
- INSTALL ACCESSIBLE PARKING STALL SIGNAGE AND POST PER DTL 2 ON C-30
- INSTALL WHEEL STOP PER DTL 9 ON C-30
- CONSTRUCT SWALE PER DTL 6 ON C-31, REFER TO DTL 33 - 34 ON C-27 & DTL 35 ON C-28
- INSTALL BOULDERS SIZE A & B PER DTL 2 ON C-33

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) AGGREGATE PAVING
- (N) TRUNCATED DOME
- CUT/FILL SOIL
- ACCESSIBLE PATH OF TRAVEL
- SURVEY CONTROL POINT
- (E) ROCK BARRICADE

LINE TABLE

LINE	LENGTH	BEARING
L ₁	44.29'	S85°07'47"E
L ₂	23.00'	S78°53'14"E
L ₃	20.00'	N11°06'46"E
L ₄	6.08'	N78°53'14"W
L ₅	14.33'	N11°06'46"E
L ₆	16.92'	N78°53'14"W
L ₇	34.33'	S11°06'46"W
L ₈	4.00'	S11°06'46"W
L ₉	9.85'	N54°55'29"W
L ₁₀	20.16'	N18°14'16"E
L ₁₁	11.90'	N24°16'24"E
L ₁₂	6.75'	N13°19'33"E
L ₁₃	3.57'	S87°41'44"E
L ₁₄	20.67'	S73°20'06"E
L ₁₅	15.49'	S11°52'26"E
L ₁₆	20.00'	S11°06'46"W
L ₁₇	23.00'	N78°53'14"W

LANDSCAPE BULDER SCHEDULE

BOULDER SIZE	MINIMUM DIMENSIONS	QUANTITY
A	4'x3'x3'	3
B	3'x2'x2'	2

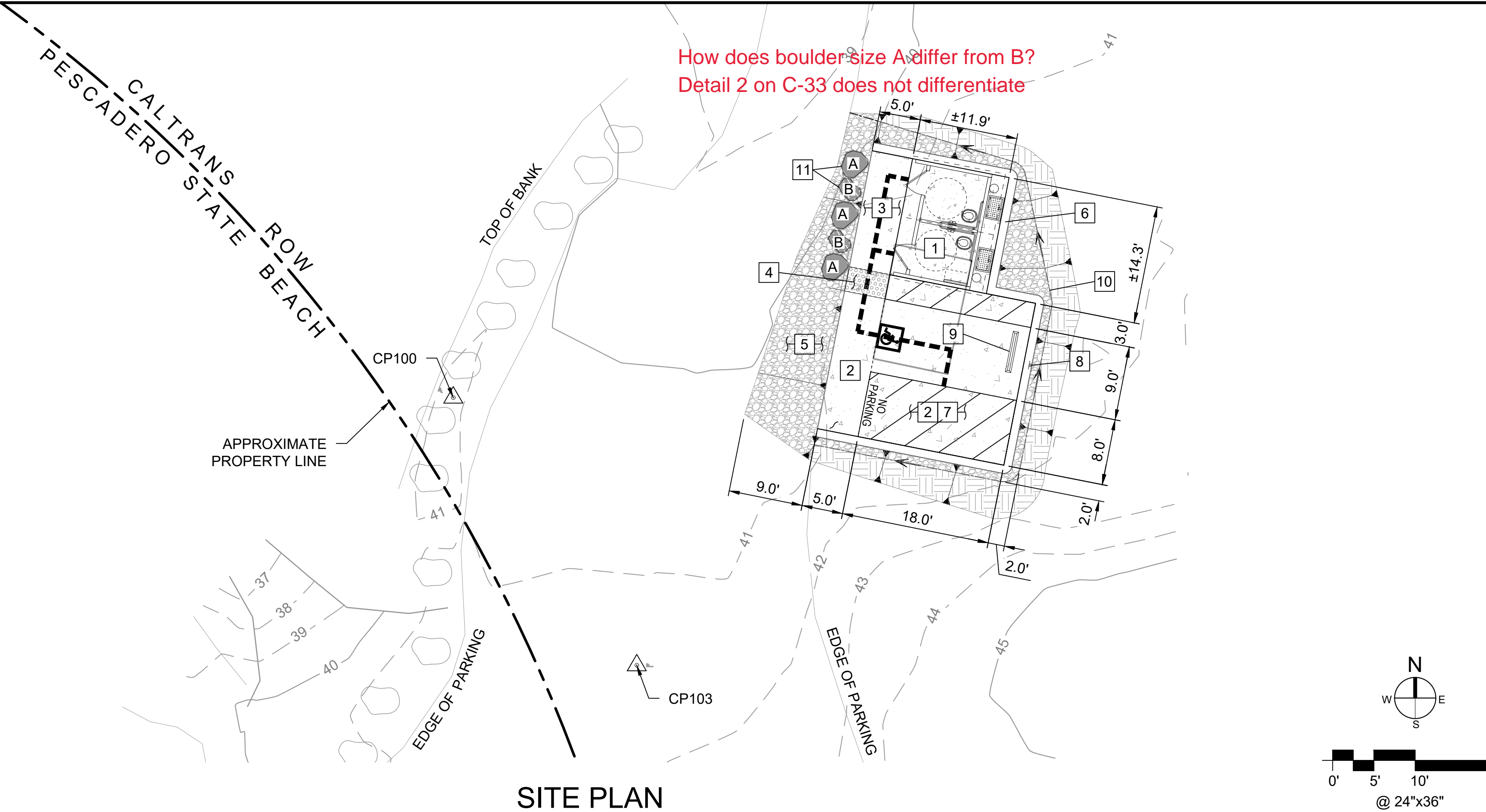
GENERAL NOTES:

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- PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT

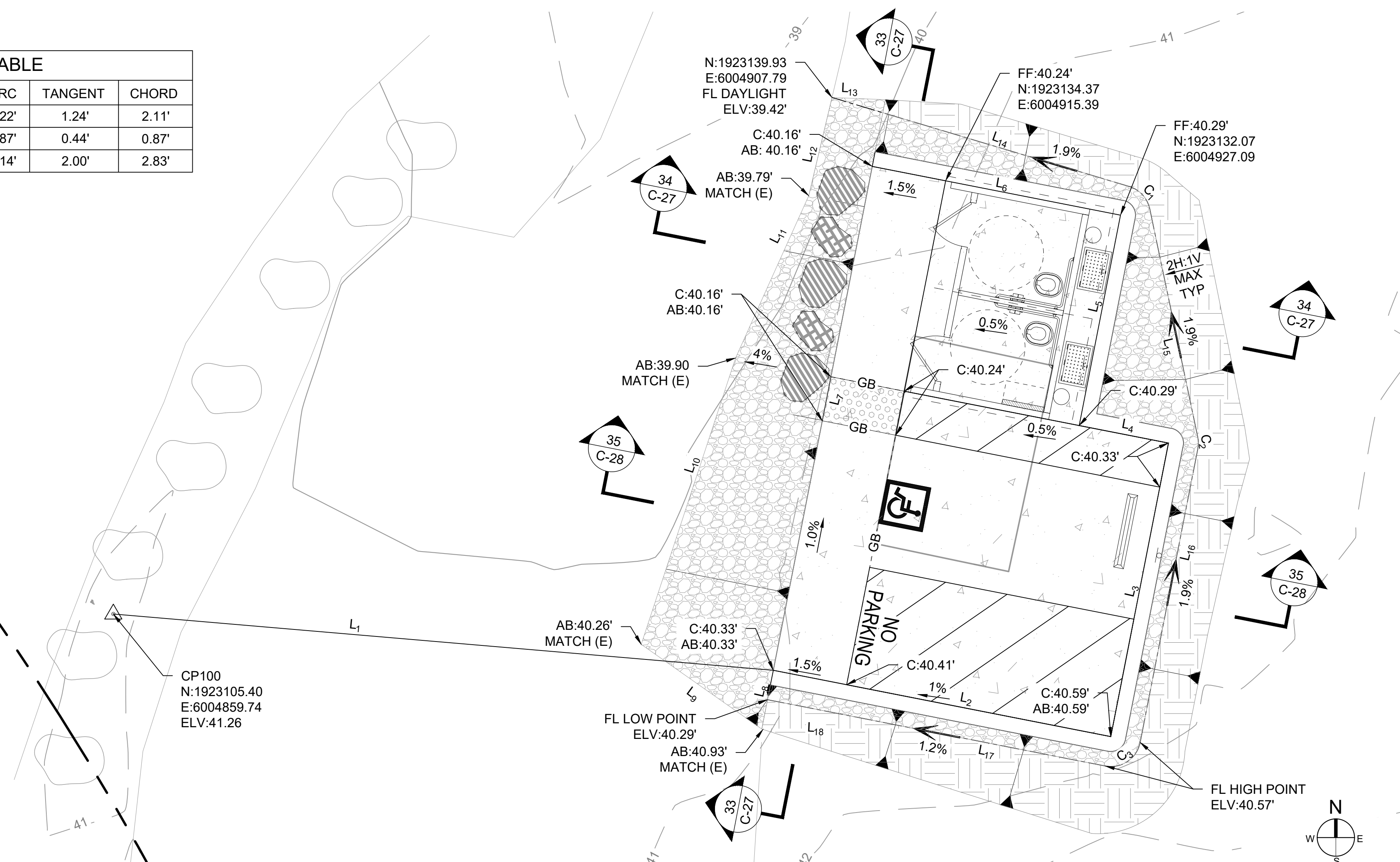


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SITE PLAN

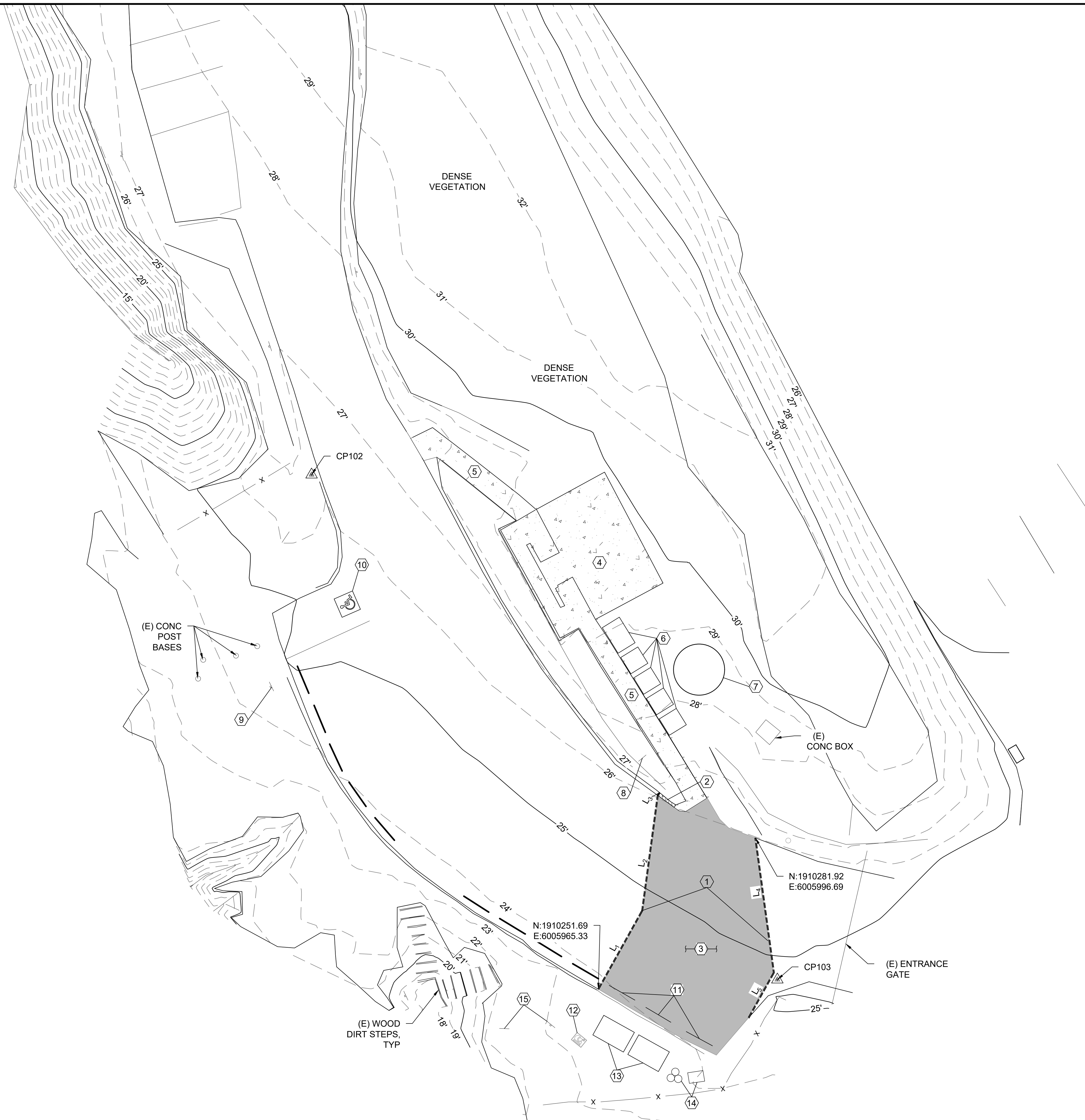
CURVE TABLE					
CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C ₁	63°42'05"	2.00'	2.22'	1.24'	2.11'
C ₂	25°02'29"	2.00'	0.87'	0.44'	0.87'
C ₃	90°00'00"	2.00'	3.14'	2.00'	2.83'



GRADING & HORIZONTAL CONTROL PLAN

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_r_replacement\Civil\C-26 GRADING & PAVING SECTIONS 3.dwg Layout: C-26 GRADING & PAVING SECTIONS 3 Date: May 15 2023 - 3:02 pm User: tie

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-19_EXISTING & DEMO PLAN - BEAN HOLLOW SB.dwg Layout: C-19_EXISTING & DEMO PLAN - BEAN HOLLOW SB Date: May 19 2023 - 12:29 pm User: tie



DEMOLITION CONSTRUCTION NOTES

- ① SAWCUT ASPHALT & CONCRETE CURB, LIMITS PER PLAN
- ② REMOVE & DISPOSE (E) CONCRETE CURB
- ③ REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ④ REMOVE & DISPOSE OF OFFSITE (E) RESTROOM STRUCTURE. REMOVE, SALVAGE (E) INTERPRETIVE PANEL ON THE STRUCTURE'S WALL.
- ⑤ REMOVE & DISPOSE (E) CONCRETE SITE WALK AND HANDRAIL
- ⑥ REMOVE & SALVAGE (E) CHEM TOILET
- ⑦ REMOVE & DISPOSE (E) WATER WOOD TANK
- ⑧ REMOVE, SALVAGE AND REINSTALL (E) "BEACH HOUR" SIGNAGE PER NOTE 16 ON C-20
- ⑨ REMOVE & DISPOSE (E) ACCESSIBLE VAN PARKING SIGNAGE
- ⑩ OBLITERATE PAVEMENT MARKINGS
- ⑪ REMOVE, SALVAGE AND REINSTALL (E) WHEEL STOP PER NOTE 15 ON C-20, LIMIT PER PLAN
- ⑫ REMOVE & DISPOSE (E) BBQ
- ⑬ SALVAGE PICNIC TABLE AND RELOCATE PER STATE REPRESENTATIVE
- ⑭ SALVAGE (E) TRASH, RECYCLE CANS AND RELOCATE PER STATE REPRESENTATIVE
- ⑮ (E) SIGN AND POST TO REMAIN (PROTECT IN PLACE)

LEGEND

- ASPHALT DEMOLITION
- CONCRETE DEMOLITION
- CONCRETE CURB DEMOLITION
- (E) STRIPING
- (E) SLIP RAIL FENCE
- SAWCUT
- (E) SIGN & POST
- SURVEY CONTROL POINT

SURVEY CONTROL POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1910481.49'	6005918.79'	32.03'	SET 60D
CP101	1910469.60'	6005894.86'	30.09'	SET MAG NAIL
CP102	1910354.45'	6005908.05'	26.28'	SET SPIKE SHINER
CP103	1910253.58'	6006001.09'	24.82'	SET MAG NAIL SHINER

SAWCUT LINE TABLE

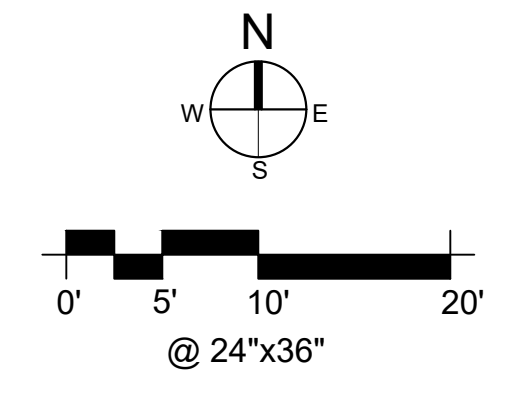
LINE	LENGTH	BEARING
L ₁	17.97'	N29°09'52"E
L ₂	23.22'	N07°40'38"E
L ₃	0.66'	N36°01'53"E
L ₄	27.16'	S07°49'13"E
L ₅	10.32'	S29°09'07"W

GENERAL NOTES:

- 1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT

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ACCESSIBILITY SECTION
CERTIFICATION #

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DESIGNED: _____ TL
DRAWN: _____ TL
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DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**EXISTING & DEMO PLAN - BEAN
HOLLOW SB**

206279.022

SHEET NO.
C-19
022 OF 040



FACILITIES AND DEVELOPMENT DIVISION

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ACCESSIBILITY COMPLIANCE AND STATE FIRE
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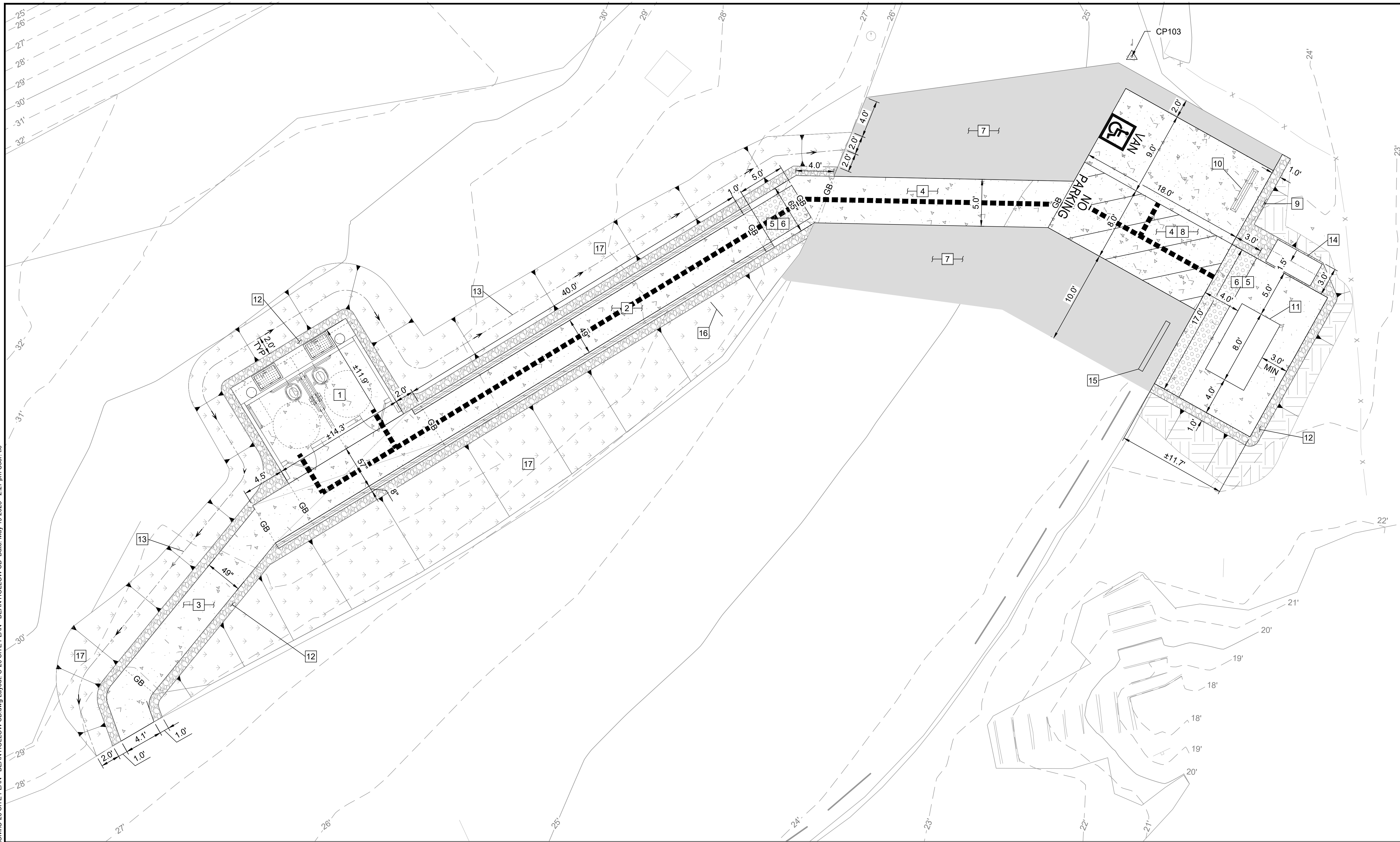
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DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
SITE PLAN - BEAN HOLLOW SB

206279.023

SHEET NO.
C-20
023 OF 040



CONSTRUCTION NOTES

- 1 INSTALL A DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON SHEET C-36, REFER TO DTL 37 ON C-28
- 2 CONSTRUCT 5" PCC ON 6" CLASS 2 AB ACCESSIBLE CONC RAMP WITH STAINLESS STEEL RAILING PER DTL 1 ON C-33, REFER TO DTL 36 - 38 ON C-28
- 3 CONSTRUCT 5" PCC ON 6" CLASS 2 AB CONC RAMP PER DTL 2 ON C-31, REFER TO DTL 36 ON C-28
- 4 CONSTRUCT 6" PCC ON 12" CLASS 2 AB CONC PARKING SLAB AND CROSS WALK PER DTL 1 ON C-31, REFER TO DTL 36, 39 ON C-28, 1.5% MAX SLOPE ANY DIRECTION
- 5 CONSTRUCT 5" PCC ON 6" CLASS 2 AB CONC PAD SIDEWALK & PICNIC SITE PER DTL 2 ON C-31, REFER TO DTL 36, 37, 40 ON SHEET C-28, 1.5% MAX SLOPE ANY DIRECTION
- 6 INSTALL YELLOW TRUNCATED DOME PER DTL 10 ON C-30 & REFER TO DTL 36 ON C-28
- 7 INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN, PER TO DTL 5 ON C-31, REFER TO DTL 39 ON C-28

- 8 INSTALL VAN ACCESSIBLE PARKING STALL PER DTL 1 ON C-30
- 9 INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-30
- 10 INSTALL WHEEL STOP PER DTL 9 ON C-30
- 11 INSTALL (N) ACCESSIBLE PICNIC TABLE DTL 2 ON C-32
- 12 INSTALL 6" OF AGGREGATE BASE FOR 1-FT BENCH PER DTL 6 ON C-31
- 13 CONSTRUCT SWALE REFER TO DTL 37 - 38 ON C-28
- 14 INSTALL (N) REDWOOD DISPLACE CASE - SINGLE PANEL 65"Lx32"Wx121.5"H PER DTL 8 ON C-32
- 15 REINSTALL (E) WHEEL STOP
- 16 REINSTALL (E) "BEACH HOUR" SIGNAGE
- 17 INSTALL JUTE MAT WITH HYDRO-SEED PER SPECIFICATION 312500

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) TRUNCATED DOME
- (N) CONC CURB
- CUT/FILL SOIL
- DISTURBED AREA TO BE HYDRO-SEED
- SURVEY CONTROL POINT
- ACCESSIBLE PATH OF TRAVEL

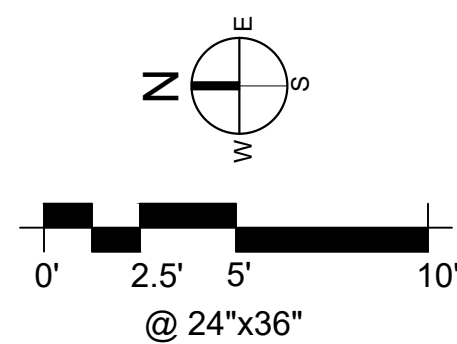
GENERAL NOTES:

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UNDERGROUND SERVICE ALERT



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FACILITIES AND DEVELOPMENT DIVISION

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ACCESSIBILITY COMPLIANCE AND STATE FIRE
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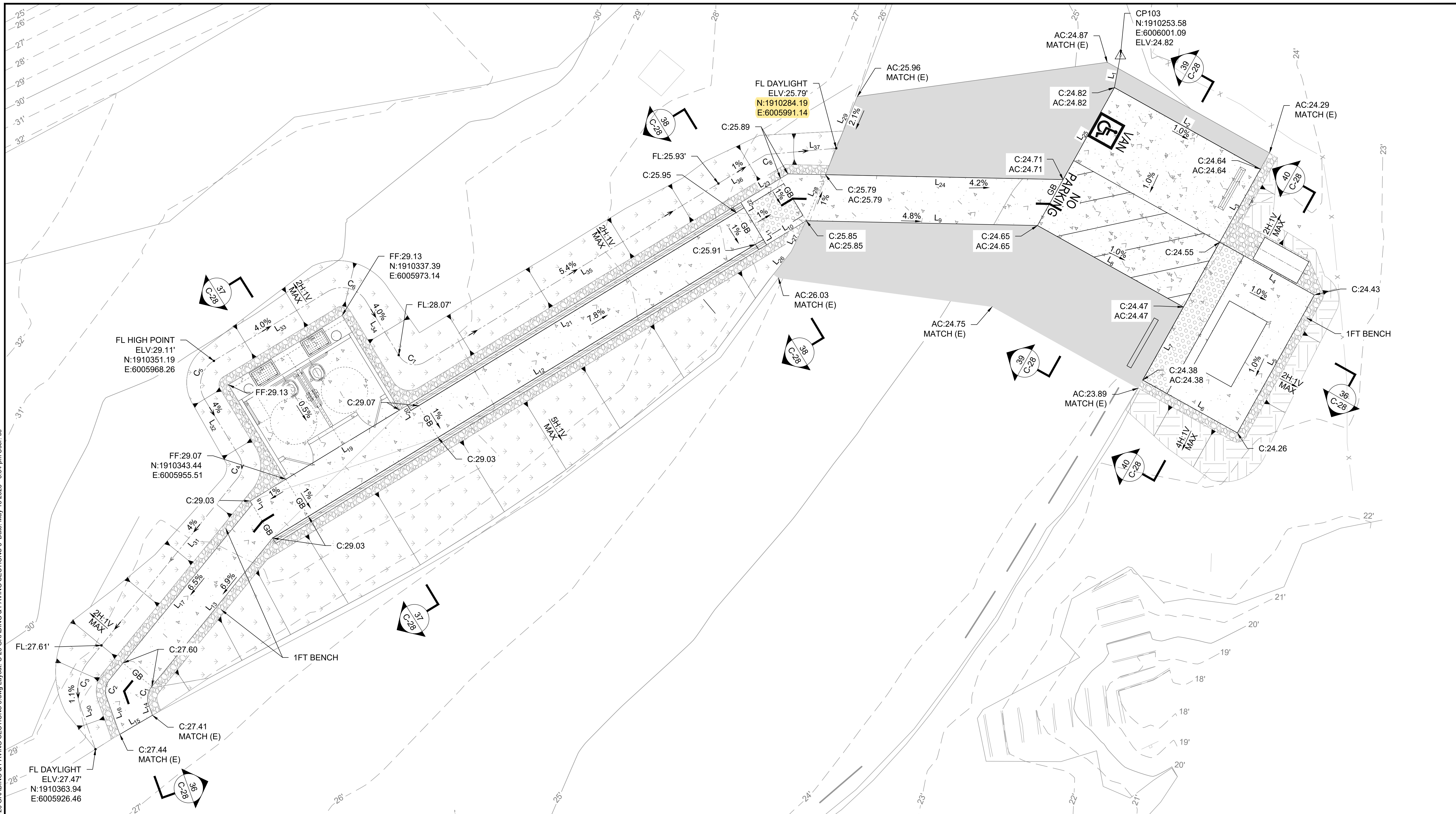
DESIGNED: TL
DRAWN: TL
CHECKED: KR
DATE: MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**GRADING & HORIZONTAL CONTROL
PLAN - BEAN HOLLOW SB**

206279.024

SHEET NO.
C-21
024 OF 040



LINE TABLE					
LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L1	3.48'	N79°17'40"W	L14	1.21'	S70°20'48"W
L2	18.00'	S29°09'59"W	L15	4.07'	N30°20'15"W
L3	9.00'	N60°50'01"W	L16	4.22'	N70°20'48"E
L4	11.67'	S29°09'59"W	L17	24.30'	S50°50'29"E
L5	17.00'	N60°50'01"W	L18	0.43'	N58°41'55"E
L6	11.67'	N29°09'59"E	L19	19.83'	S31°18'05"E
L7	9.00'	S60°50'01"E	L20	0.67'	S58°41'55"W
L8	18.00'	N29°09'59"E	L21	42.00'	S31°18'05"E
L9	24.90'	N01°10'39"E	L22	0.67'	N58°41'55"E
L10	5.00'	N31°18'05"W	L23	5.92'	S31°18'05"E
L11	0.67'	N58°41'55"E	L24	29.65'	S01°10'39"W
L12	61.83'	N31°18'05"W	L25	11.34'	S60°50'01"E
L13	20.62'	N50°50'29"W	L26	3.09'	S51°49'52"E
L14	1.21'	S70°20'48"W	L27	3.70'	S64°01'57"E
L15	4.07'	N30°20'15"W	L28	5.37'	S67°25'03"E
L16	4.22'	N70°20'48"E	L29	9.07'	S67°46'28"E
L17	24.30'	S50°50'29"E	L30	4.85'	N70°20'48"E
L18	0.43'	N58°41'55"E	L31	25.54'	S50°50'29"E
L19	19.83'	S31°18'05"E	L32	7.21'	N58°41'55"E
L20	0.67'	S58°41'55"W	L33	14.33'	S31°18'05"E
L21	42.00'	S31°18'05"E	L34	6.92'	S58°41'55"W
L22	0.67'	N58°41'55"E	L35	37.00'	S31°18'05"E
L23	5.92'	S31°18'05"E	L36	5.77'	S31°18'05"E
L24	29.65'	S01°10'39"W	L37	7.36'	S05°06'36"E
L25	11.34'	S60°50'01"E			
L26	3.09'	S51°49'52"E			

CURVE TABLE					
CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD
C1	58°48'47"	2.00'	2.05'	1.13'	1.96'
C2	58°48'30"	2.00'	2.05'	1.13'	1.96'
C3	58°48'07"	5.00'	5.13'	2.82'	4.91'
C4	70°37'08"	2.00'	2.47'	1.42'	2.31'
C5	90°00'00"	3.00'	4.71'	3.00'	4.24'
C6	90°00'00"	3.00'	4.71'	3.00'	4.24'
C7	90°00'00"	2.00'	3.14'	2.00'	2.83'
C8	26°09'41"	1.00'	0.46'	0.23'	0.45'

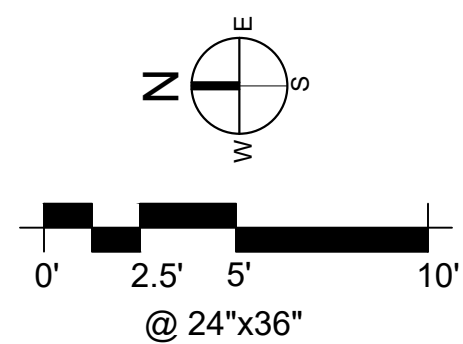
LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) TRUNCATED DOME
- (N) CONC CURB
- CUT/FILL SOIL
- DISTURBED AREA TO BE HYDRO-SEED
- SURVEY CONTROL POINT
- ACCESSIBLE PATH OF TRAVEL

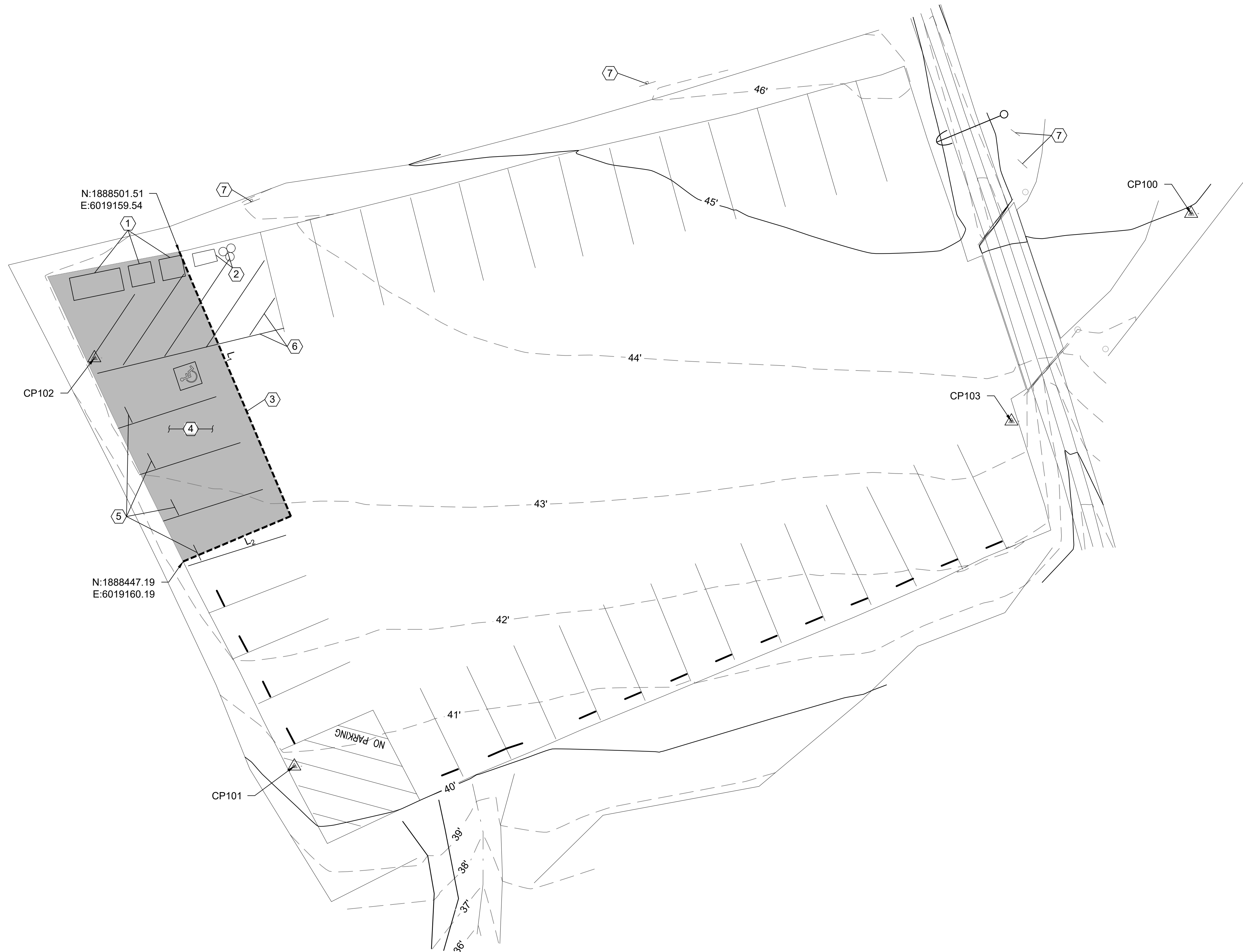
GENERAL NOTES:

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- PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

UNDERGROUND SERVICE ALERT



File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-22 EXISTING & DEMO PLAN - ANO NUEVO GAZOS SP.dwg Layout: C-22 EXISTING & DEMO PLAN - ANO NUEVO GAZOS SP Date: May 19 2023 - 12:40 pm User: ile



DEMOLITION CONSTRUCTION NOTES

- ① REMOVE AND SALVAGE (E) CHEM TOILET
- ② SALVAGE (E) TRASH, RECYCLE CONTAINERS AND RELOCATE PER NOTE 14 ON C-23
- ③ SAWCUT ASPHALT, LIMITS PER PLAN
- ④ REMOVE & DISPOSE (E) ASPHALT. (E) AB TO BE UTILIZED ONSITE AS ENGINEERING FILL. LIMITS OF REMOVAL PER PLAN.
- ⑤ REMOVE & DISPOSE (E) WHEEL STOPS, LIMIT PER PLAN
- ⑥ OBLITERATE ALL (E) STRIPING AND PAVEMENT MARKINGS, LIMIT PER PLAN
- ⑦ (E) SIGN TO REMAIN

LEGEND

- ASPHALT DEMOLITION
- (E) STRIPING
- SAWCUT
- SURVEY CONTROL POINT

SAWCUT LINE TABLE

LINE	LENGTH	BEARING
L ₁	50.30'	S22°51'07"E
L ₂	20.48'	S67°08'53"W

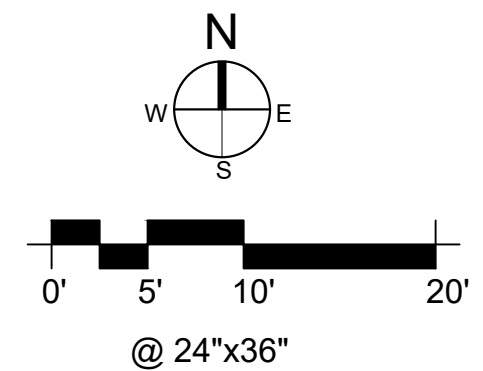
SURVEY CONTROL POINT TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP100	1888508.19'	6019336.92'	44.95'	SET SPIKE SHINER
CP101	1888411.31'	6019179.69'	40.86'	SET MAG NAIL SHINER
CP102	1888482.88'	6019144.64'	43.30'	SET MAG NAIL SHINER
CP103	1888471.79'	6019305.41'	43.52'	SET MAG NAIL SHINER

GENERAL NOTES:

1. EXISTING UTILITIES TO BE TURNED OFF AND DISCONNECTED PRIOR TO DEMOLITION ACTIVITIES. COORDINATE WITH STATE'S REPRESENTATIVE AND NOTIFY UTILITY PROVIDER OF ANTICIPATED IMPENDING CONSTRUCTION.
2. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

UNDERGROUND SERVICE ALERT



FACILITIES AND DEVELOPMENT DIVISION

« PRELIMINARY »
NOT FOR
CONSTRUCTION

DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION # _____
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION
NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**EXISTING & DEMO PLAN - ANO
NUEVO GAZOS SP**

206279.025

SHEET NO.
C-22
025 OF 040



FACILITIES AND DEVELOPMENT DIVISION

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ACCESSIBILITY SECTION
CERTIFICATION #
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NORTHERN SERVICE CENTER

DESIGNED: _____ TL
DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**GRADING & HORIZONTAL CONTROL
PLAN - ANO NUEVO GAZOS SP**

206279.026

SHEET NO.

C-23

026 OF 040

CONSTRUCTION NOTES

- 1 INSTALL A DOUBLE, ACCESSIBLE PRE-CAST CONC VAULT TOILET PER DETAILS ON C-36, REFER TO DTL 42 ON C-29
- 2 CONSTRUCT 6" CONC CURB PER DTL 3 ON C-31, REFER TO DTL 41, 42 ON C-29
- 3 CONSTRUCT 6" PCC ON 12" CLASS 2 AB PARKING SLAB PER DTL 1 ON C-31, REFER TO DTL 41, 43 ON C-29, 1.5% MAX SLOPE ANY DIRECTION
- 4 CONSTRUCT 5" PCC ON 12" CLASS 2 AB CONC SIDEWALK PER DTL 2 ON C-31, REFER TO DTL 41 - 42 ON C-29, LANDING 1.5% MAX SLOPE ANY DIRECTION
- 5 CONSTRUCT GIP CONC CURB RAMP PER DTL 7 ON C-31 & REFER TO DTL 41 ON C-29, SLOPE LIMIT PER PLAN
- 6 INSTALL 3'Dx5'W YELLOW TRUNCATED DOME PAVER PER DTL 10 ON C-30 & REFER TO DTL 41 ON C-29
- 7 INSTALL 3.5" OF HMA OVER 13" OF CLASS 2 AB LIMIT PER PLAN PER DTL 5 ON C-31, REFER TO DTL 41-43 ON C-29
- 8 INSTALL VAN ACCESSIBLE PARKING STALL PER DTL 1 ON C-30
- 9 INSTALL ACCESSIBLE PARKING STALL SIGNAGE PER DTL 2 ON C-30
- 10 INSTALL WHEEL STOP PER DTL 9 ON C-30
- 11 CONSTRUCT 4" WIDE WHITE STRIPE PARKING
- 12 CONSTRUCT 4" WIDE WHITE STRIPE, 3-FT O.C.
- 13 CONSTRUCT 12" HEIGHT WHITE "NO PARKING"
- 14 REUSE EXISTING TRASH & RECYCLE CONTAINER

LEGEND

- (N) ASPHALT
- (N) CONCRETE
- (N) CONCRETE CURB
- (N) TRUNCATED DOME
- CUT/FILL SOIL **Match this hatch to hatch on left**
- STRIPING
- SURVEY CONTROL POINT
- ACCESSIBLE PATH OF TRAVEL

LINE TABLE

LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L ₁	52.53'	N07°26'27"W	L ₈	17.92'	N67°08'53"E
L ₂	18.00'	S67°08'53"W	L ₉	39.33'	S22°51'07"E
L ₃	17.00'	N22°51'07"W	L ₁₀	13.69'	S76°22'04"W
L ₄	13.00'	N67°08'53"E	L ₁₁	18.28'	N22°51'07"W
L ₅	8.00'	N22°51'07"W	L ₁₂	16.61'	N76°30'06"E
L ₆	12.92'	S67°08'53"W	L ₁₃	18.00'	S13°37'56"E
L ₇	14.33'	N22°51'07"W			

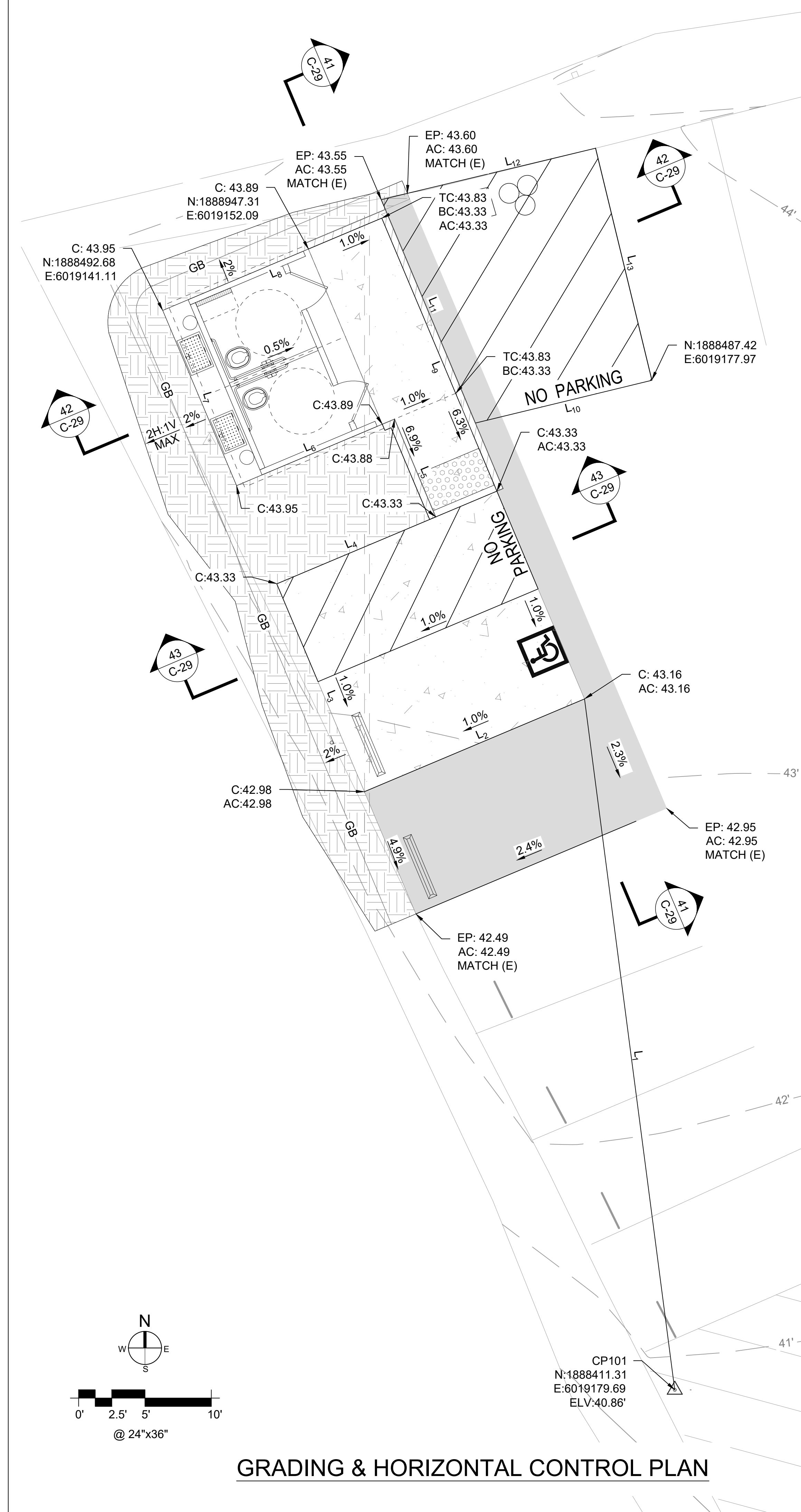
GENERAL NOTES:

1. UNDERGROUND UTILITIES ARE REPRESENTED IN THEIR APPROXIMATE LOCATION BASED ON RECORD DRAWINGS, CONVERSATIONS WITH FIELD STAFF AND TOPOGRAPHIC SURVEY. ENGINEER MAKES NO GUARANTEE OF ACCURACY. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. PROTECT ALL TREES AND UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

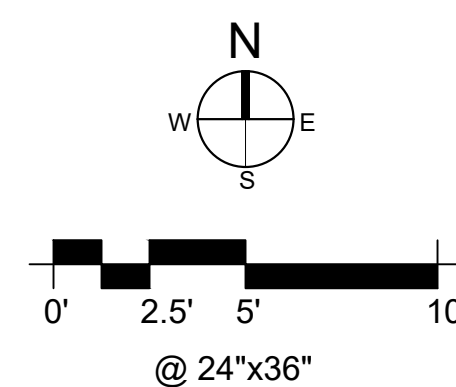
UNDERGROUND SERVICE ALERT



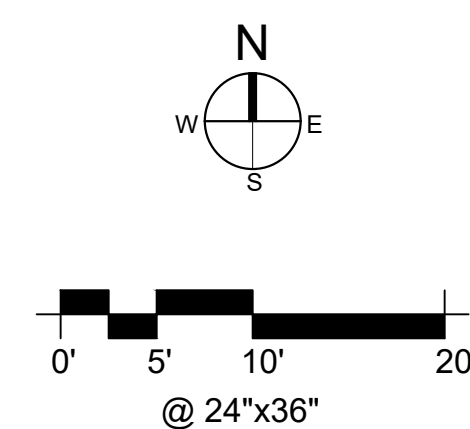
1-800-642-244
CALL BEFORE YOU DIG



GRADING & HORIZONTAL CONTROL PLAN



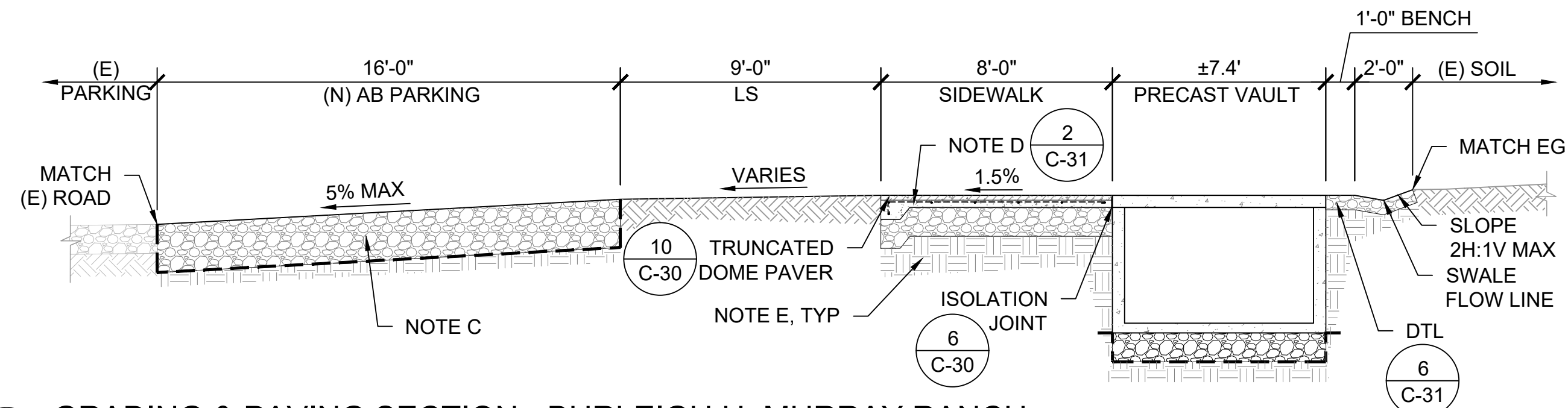
SITE PLAN



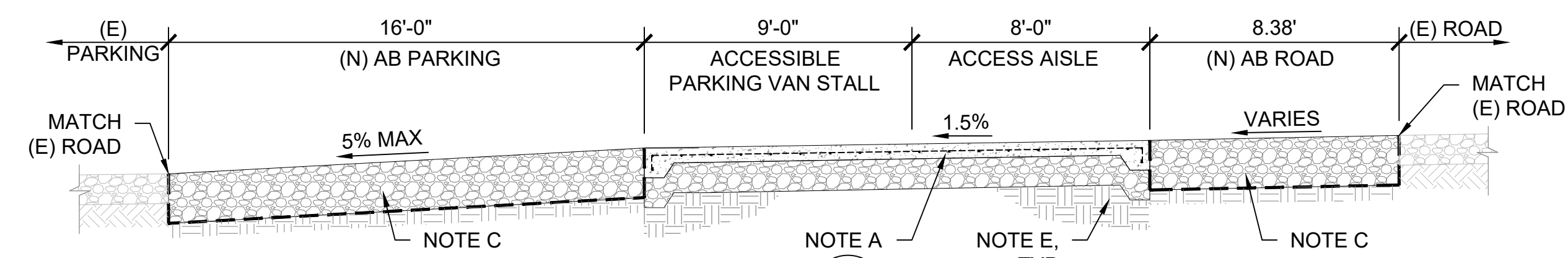
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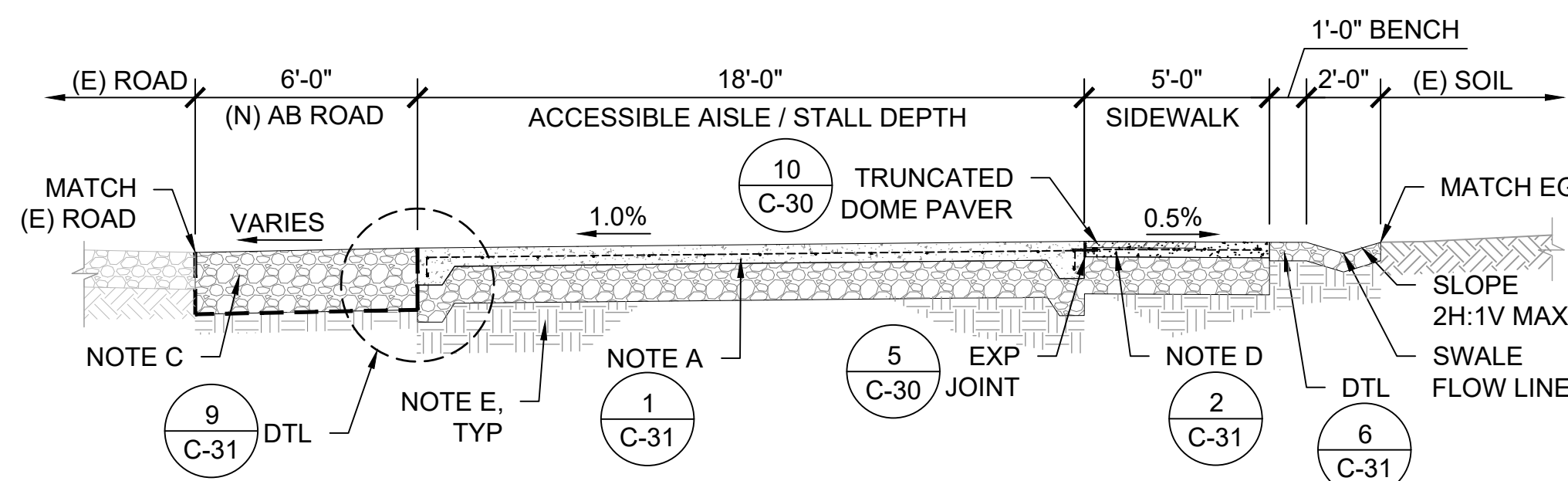
FACILITIES AND DEVELOPMENT DIVISION



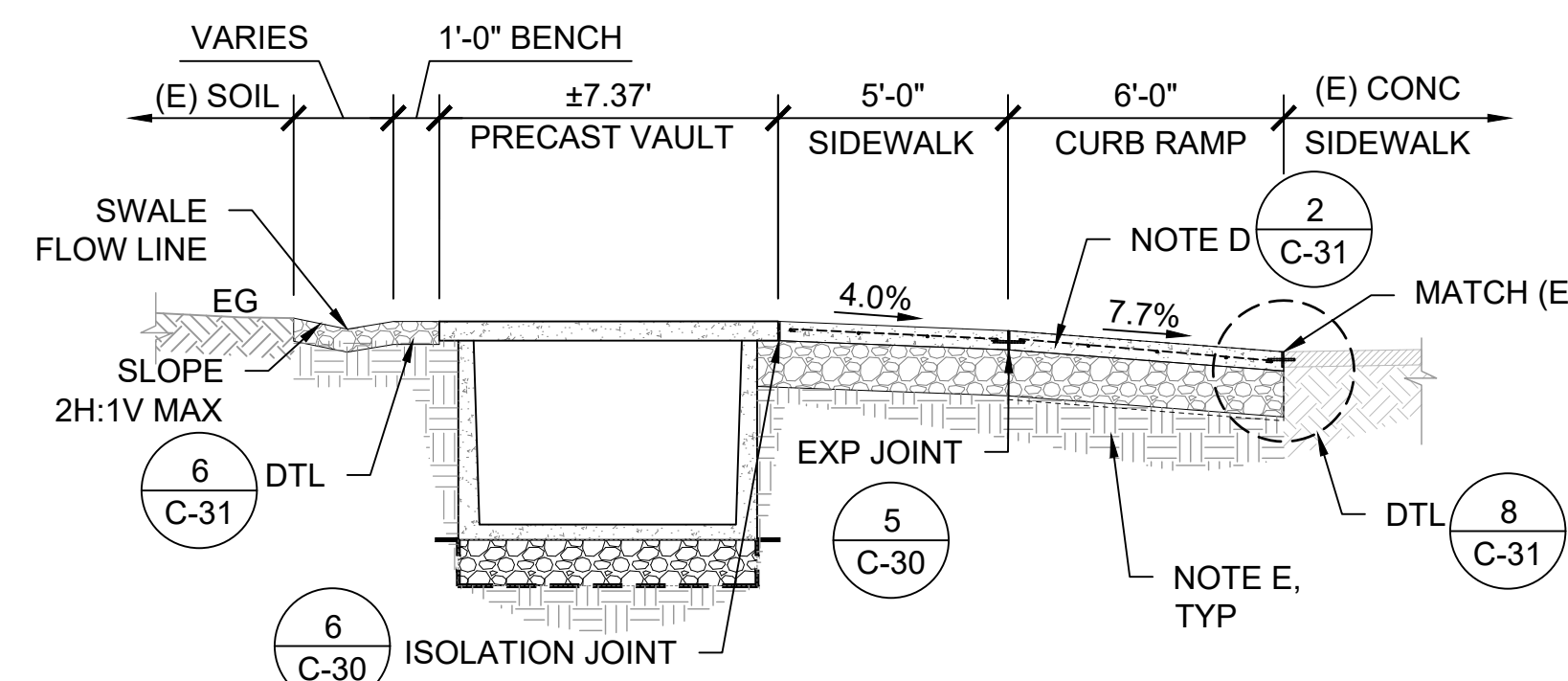
1 GRADING & PAVING SECTION - BURLEIGH H. MURRAY RANCH
SCALE@22X34 1/4" = 1'-0"



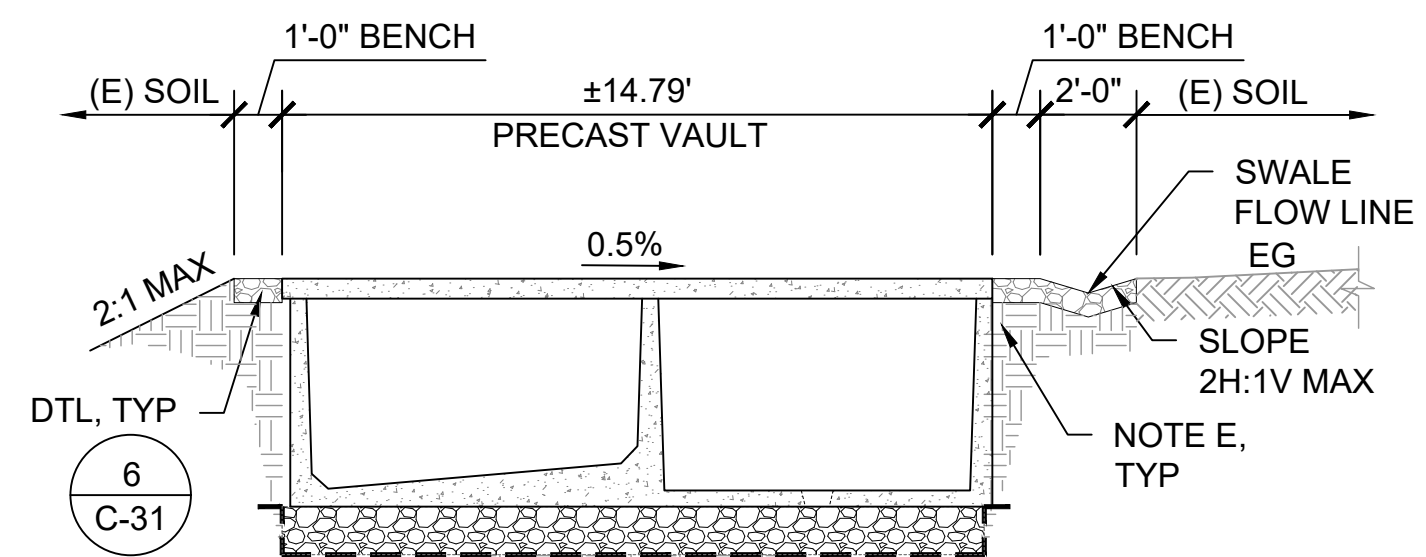
2 GRADING & PAVING SECTION - BURLEIGH H. MURRAY RANCH
SCALE@22X34 1/4" = 1'-0"



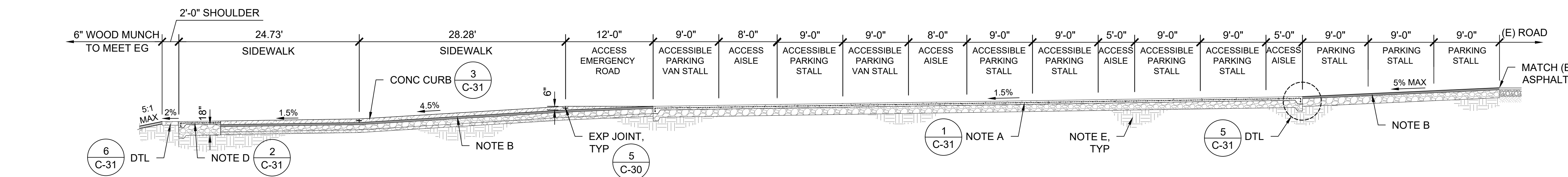
3 GRADING & PAVING SECTION - BURLEIGH H. MURRAY RANCH
SCALE@22X34 1/4" = 1'-0"



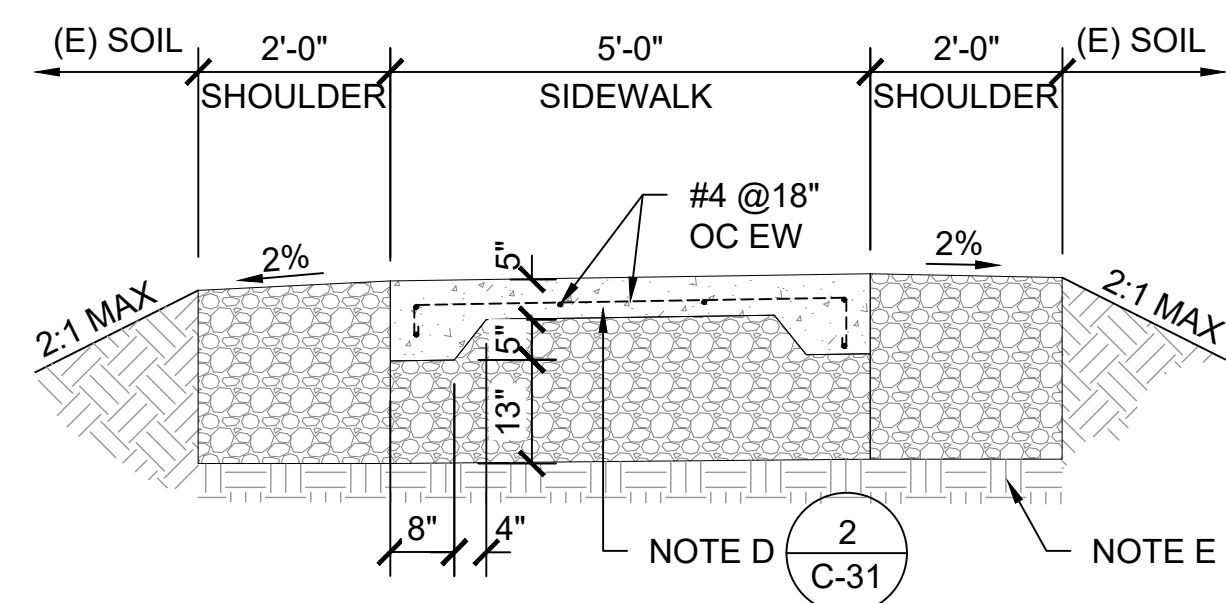
4 GRADING & PAVING SECTION - COWELL RANCH SB
SCALE@22X34 1/4" = 1'-0"



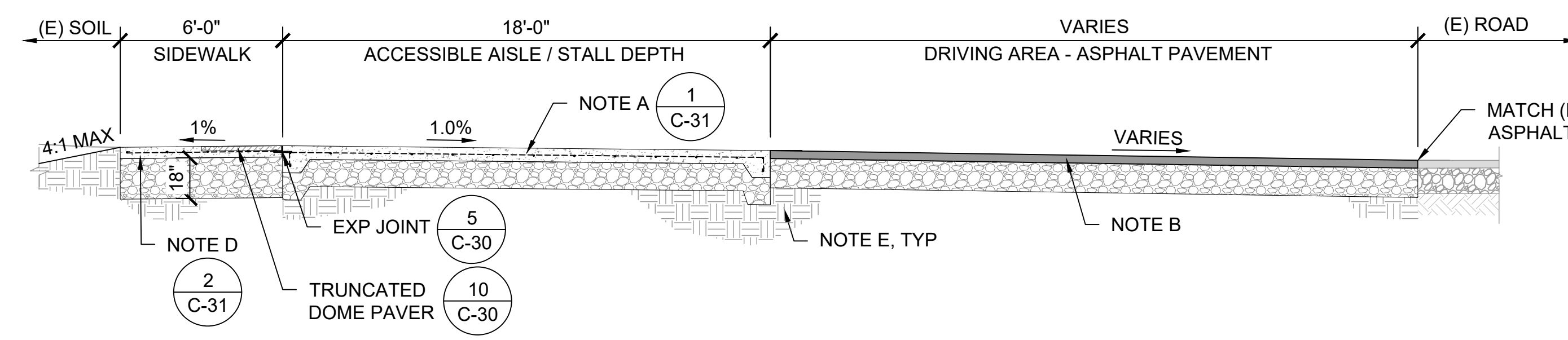
5 GRADING & PAVING SECTION - COWELL RANCH SB
SCALE@22X34 1/4" = 1'-0"



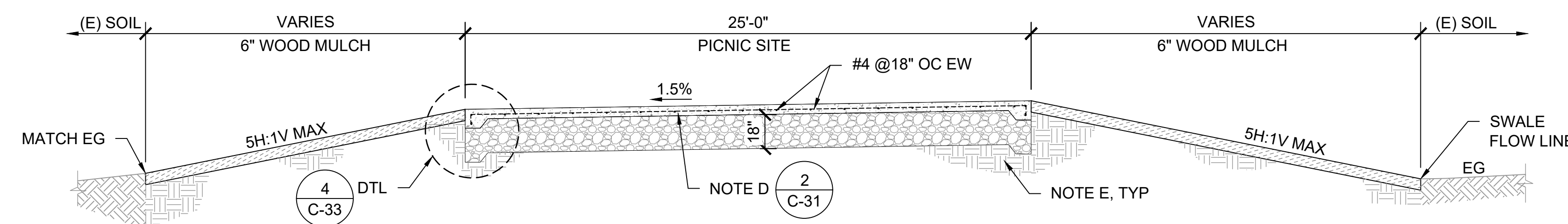
6 GRADING & PAVING SECTION - SAN GREGORIO SB
SCALE@22X34 1/8" = 1'-0"



7 GRADING & PAVING SECTION - SAN GREGORIO SB
SCALE@22X34 1/2" = 1'-0"



8 GRADING & PAVING SECTION - SAN GREGORIO SB
SCALE@22X34 1/4" = 1'-0"



9 GRADING & PAVING SECTION - SAN GREGORIO SB
SCALE@22X34 1/4" = 1'-0"

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- D. 5" PCC ON AT LEAST 12" CLASS 2 AB, EXCEPT 18" AB AT SAN GREGORIO, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-31.
- F. 6" DECOMPOSED GRANITE ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
- G. GRADING PER PLAN SHEET C-2 THROUGH C-23
- H. SOIL CONDITIONS VARY AT EACH SITE LOCATION, SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
 - PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
 - CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
 - SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022

« PRELIMINARY »
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DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by _____ Date _____
ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION,
NORTHERN SERVICE CENTER

DESIGNED: TL
DRAWN: TL
CHECKED: KR
DATE: MAY 2023

REVISIONS	DATE

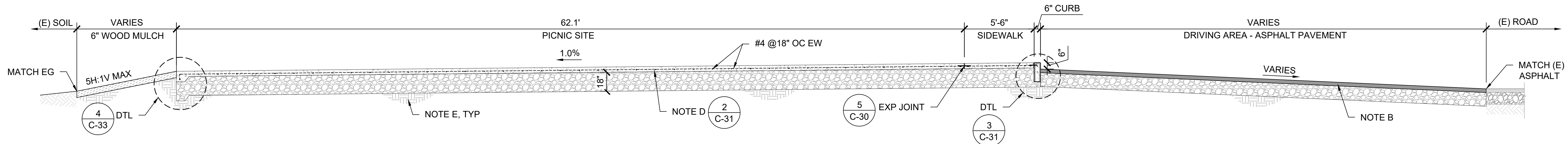
SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
GRADING & PAVING SECTIONS 1

206279.027

SHEET NO.
C-24
027 OF 040

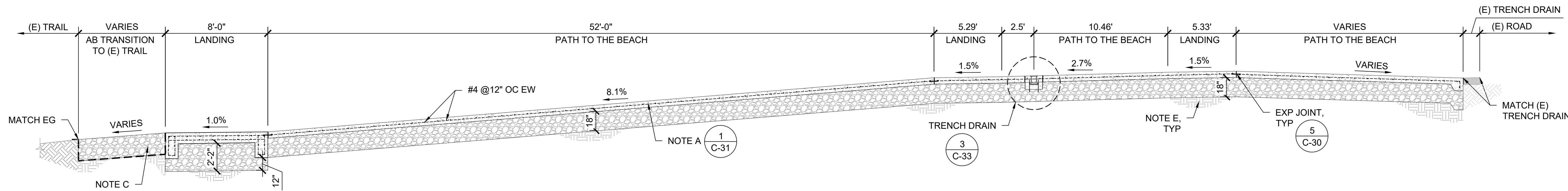


FACILITIES AND DEVELOPMENT DIVISION



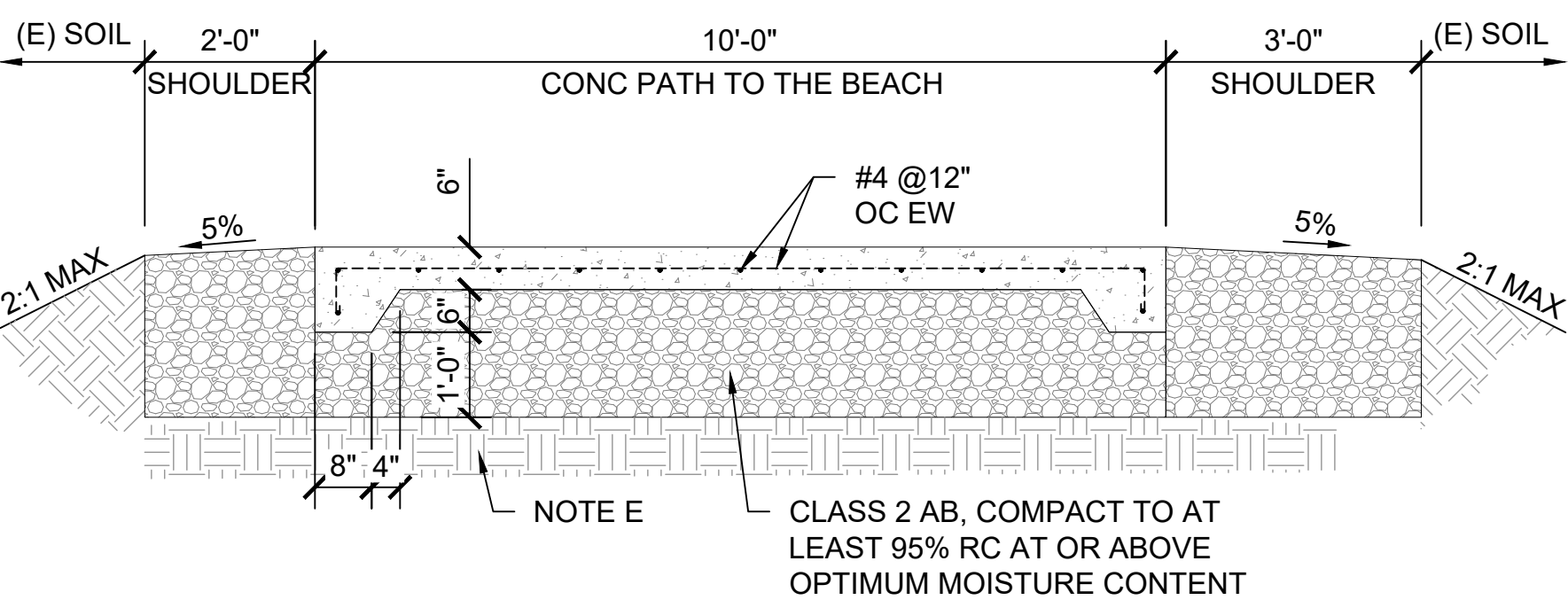
10 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/4" = 1'-0"



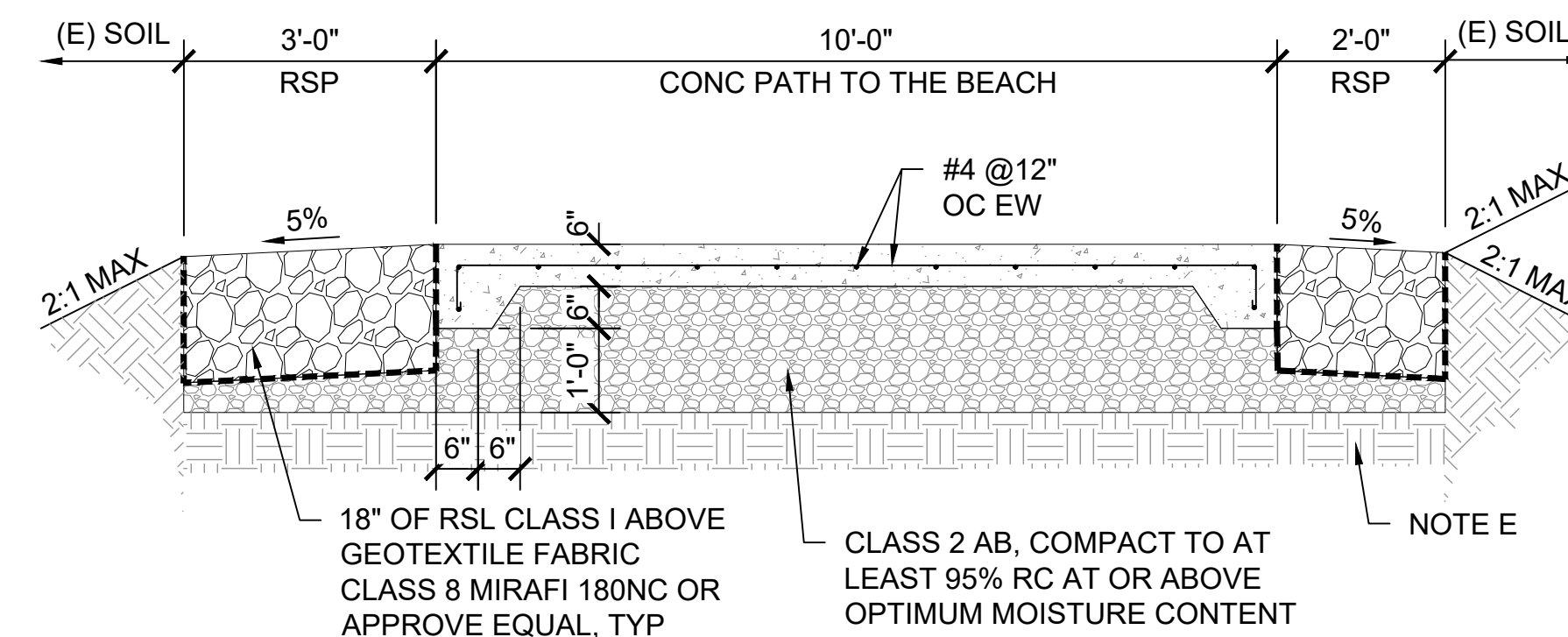
11 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/4" = 1'-0"



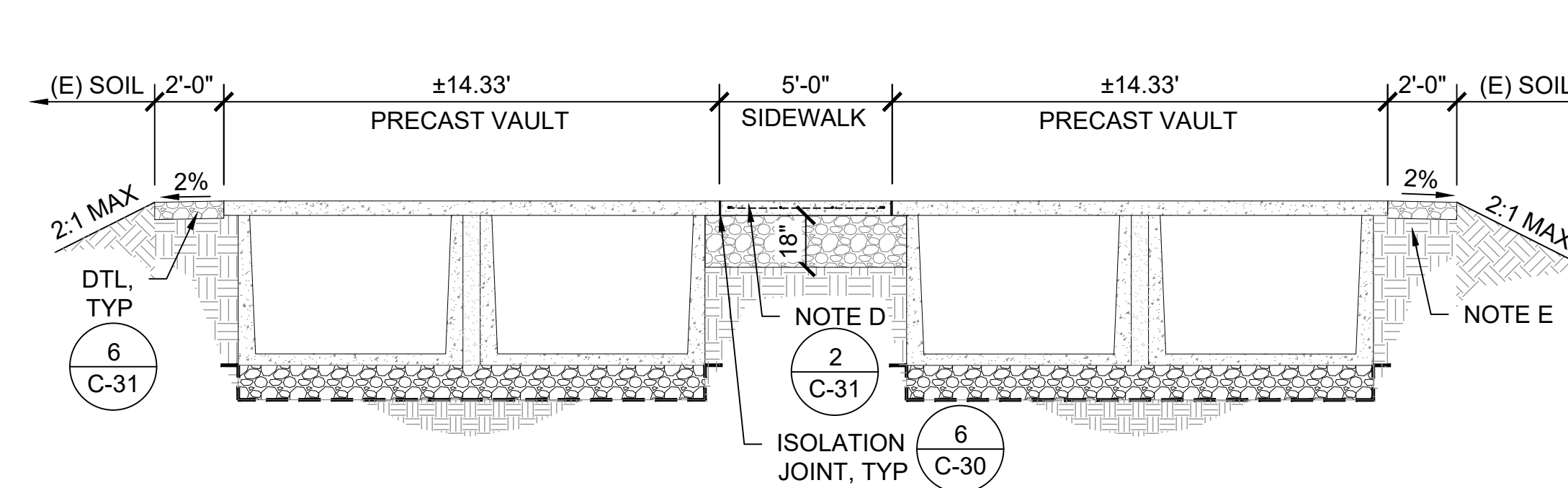
12 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/2" = 1'-0"



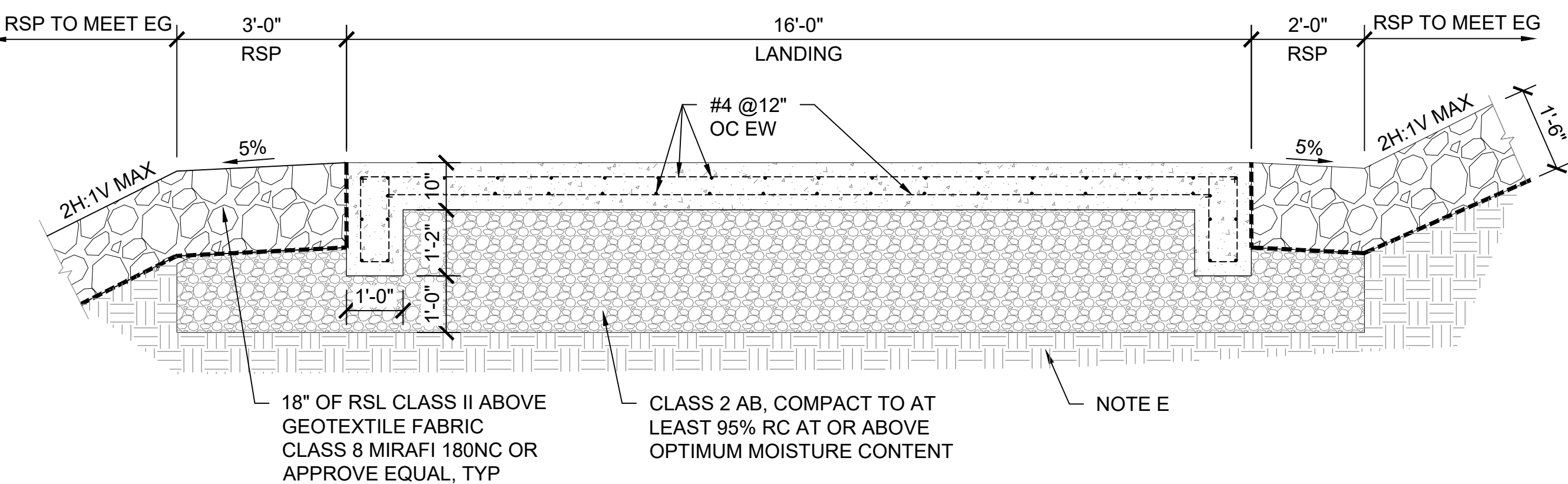
13 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/2" = 1'-0"



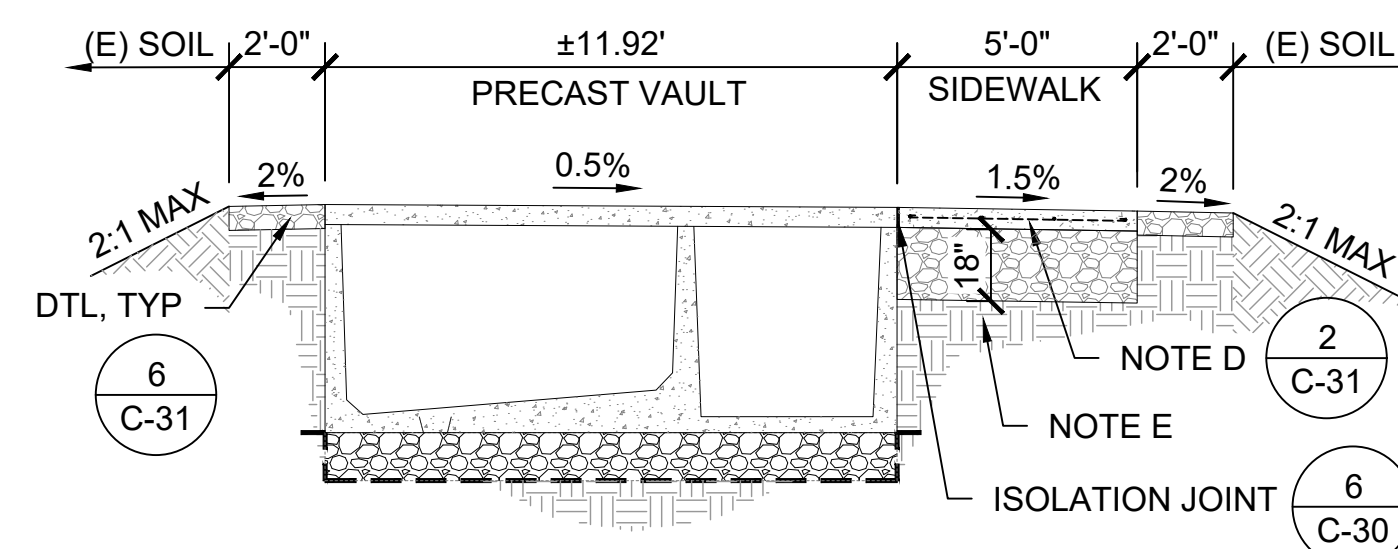
16 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/4" = 1'-0"



14 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/2" = 1'-0"



15 GRADING & PAVING SECTION - SAN GREGORIO SB

SCALE@22X34 1/4" = 1'-0"

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
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- G. SOIL CONDITIONS VARY AT EACH SITE LOCATION, SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
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- I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
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- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022

« PRELIMINARY »
NOT FOR
CONSTRUCTION

DPR ACCESS COMPLIANCE REVIEW	
ACCESSIBILITY SECTION	
CERTIFICATION #	
Reviewed by	Date
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER	

DESIGNED:	TL
DRAWN:	TL
CHECKED:	KR
DATE:	MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
GRADING & PAVING SECTIONS 2

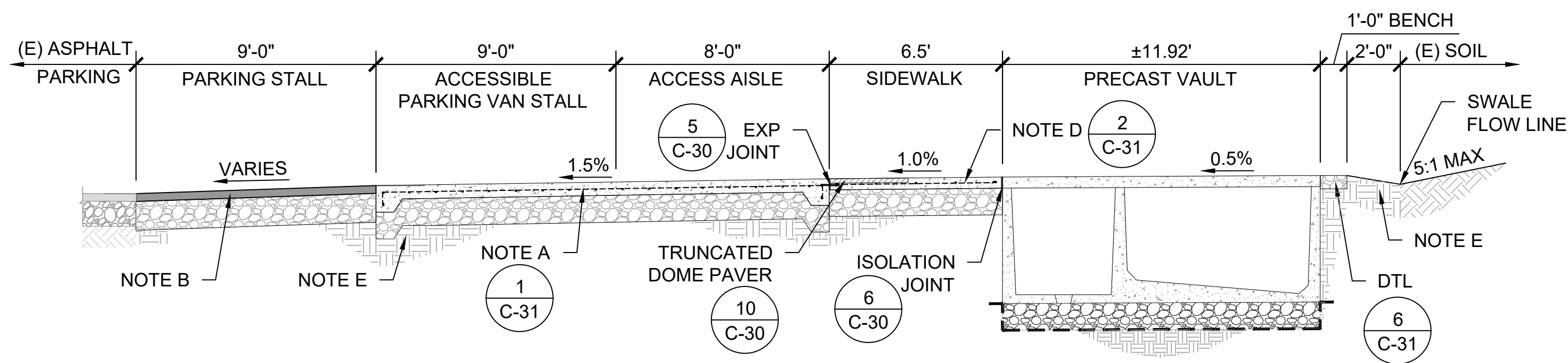
206279.028

SHEET NO.
C-25
028 OF 040

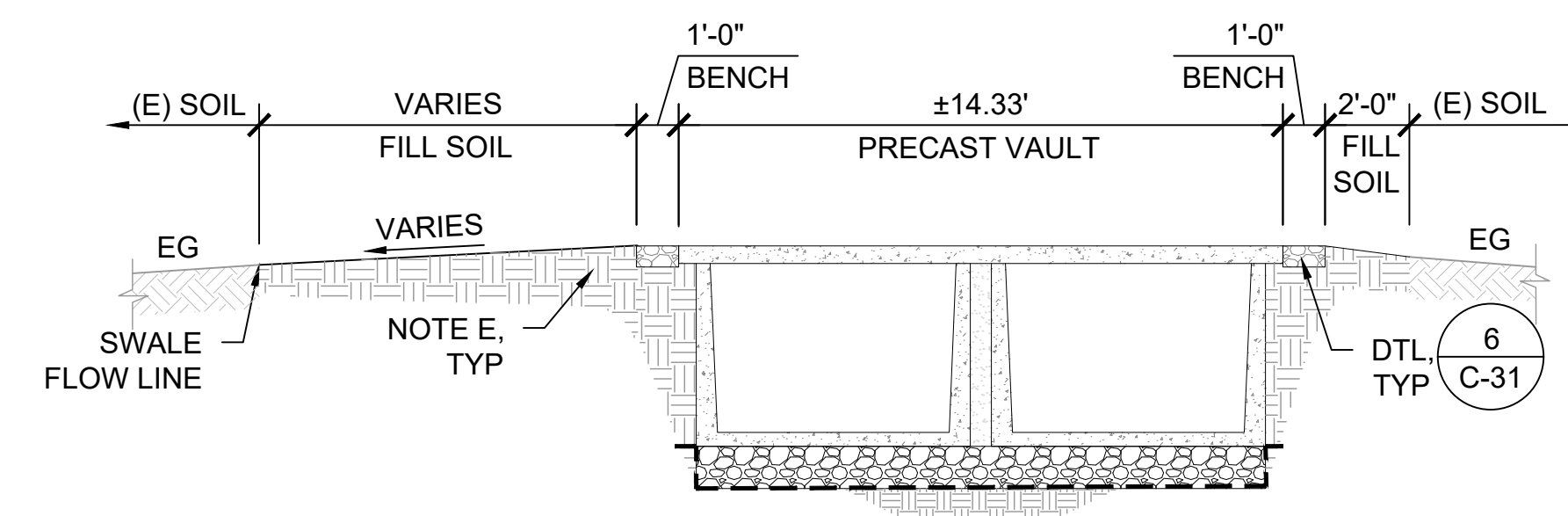
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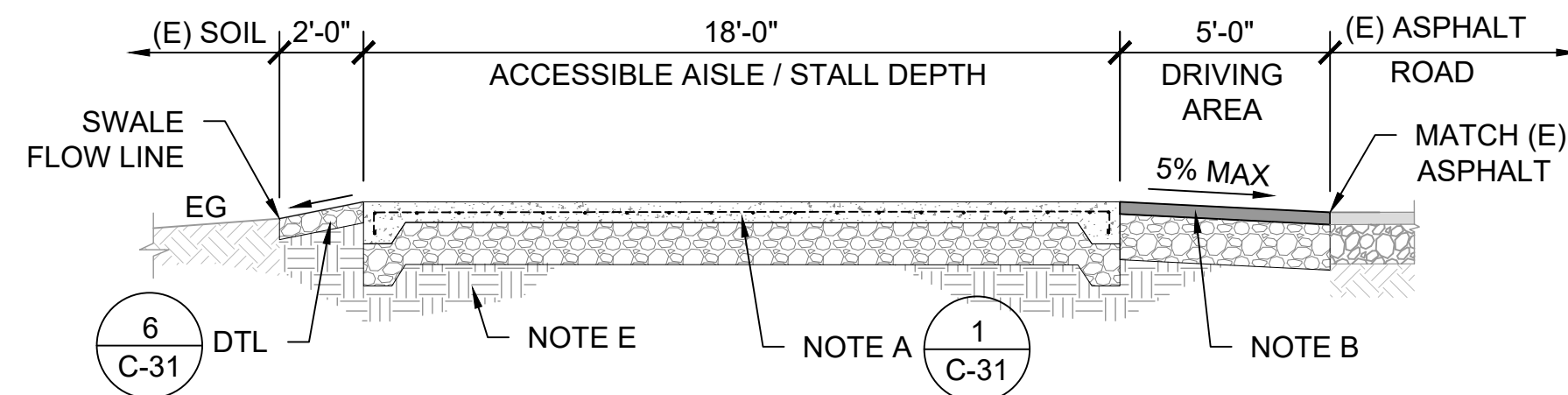
FACILITIES AND DEVELOPMENT DIVISION



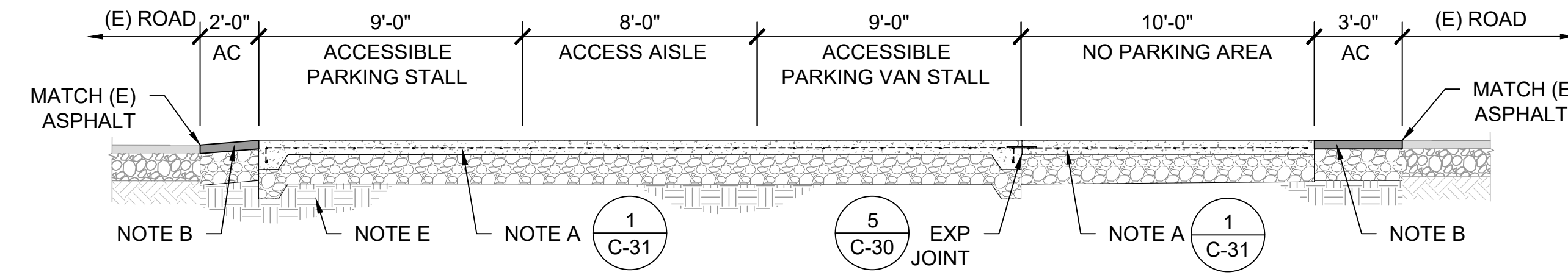
17 GRADING & PAVING SECTION - POMPONIO SB - SITE 1
SCALE@22X34 1/4" = 1'-0"



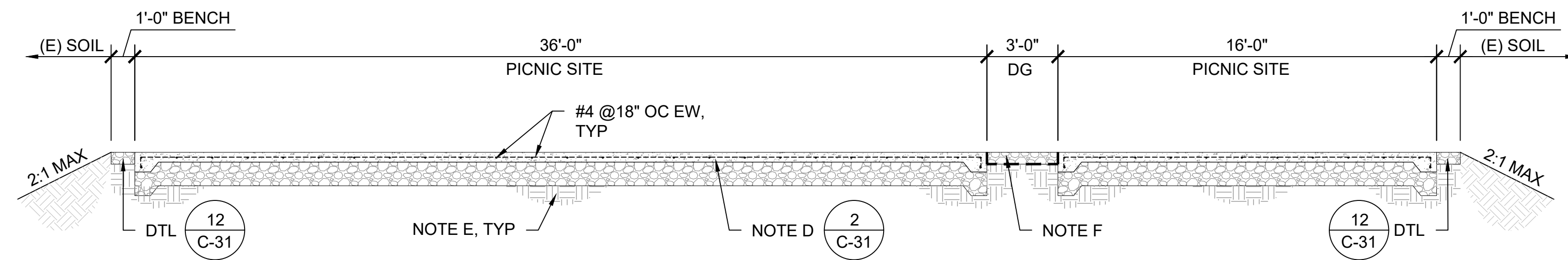
18 GRADING & PAVING SECTION - POMPONIO SB - SITE 1
SCALE@22X34 1/4" = 1'-0"



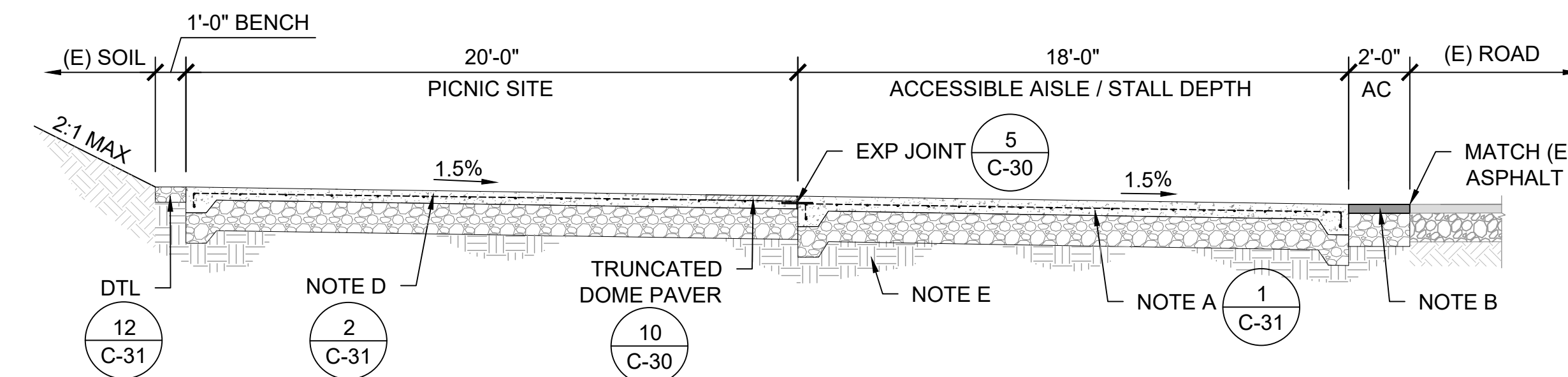
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SCALE@22X34 1/4" = 1'-0"



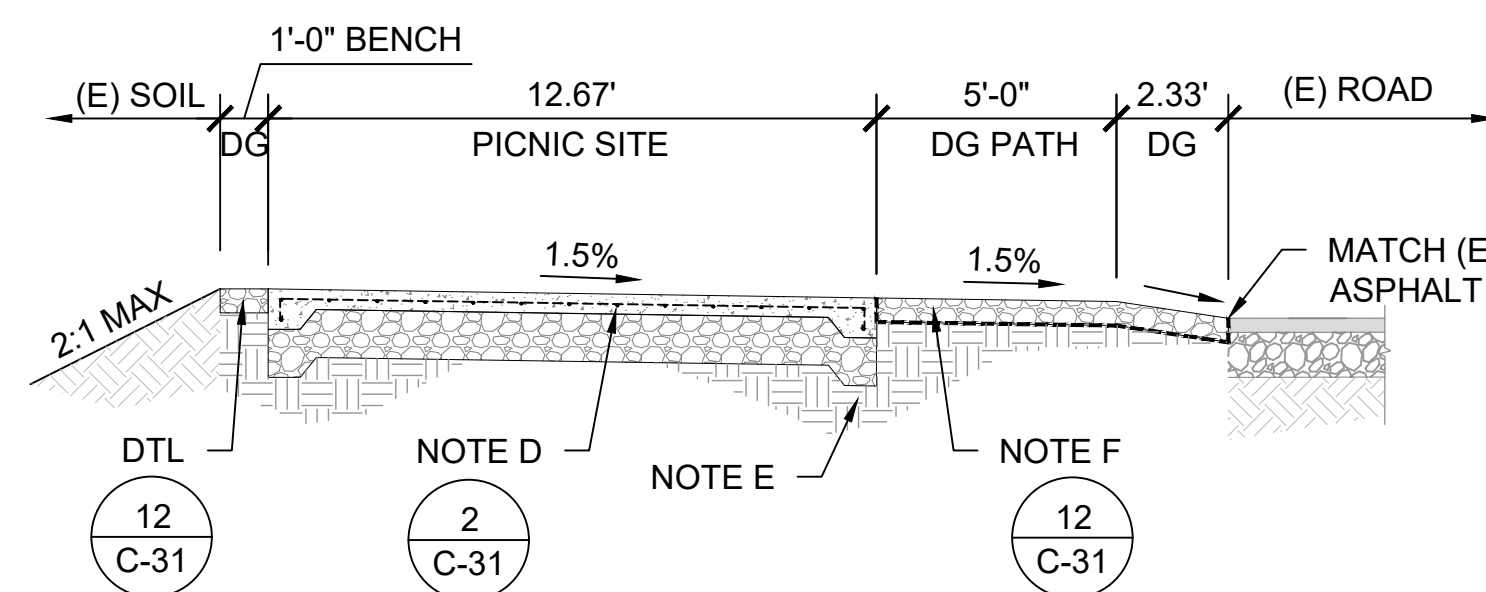
20 GRADING & PAVING SECTION - POMPONIO SB - SITE 2
SCALE@22X34 1/4" = 1'-0"



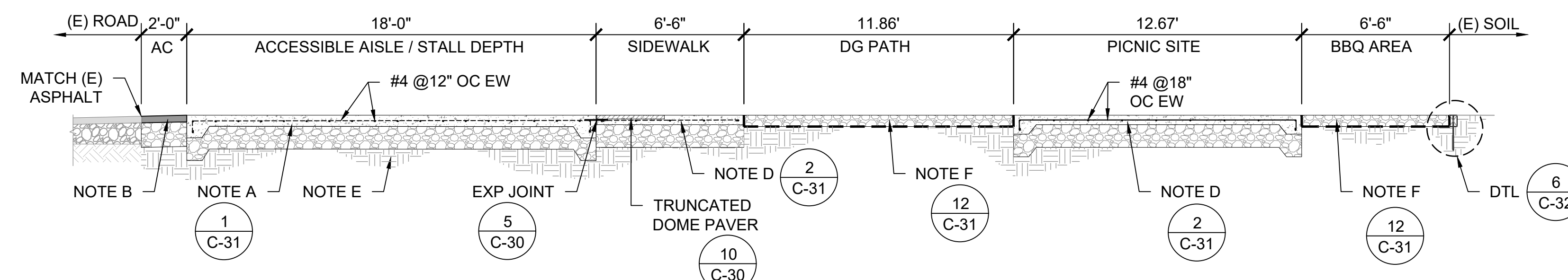
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SCALE@22X34 1/4" = 1'-0"



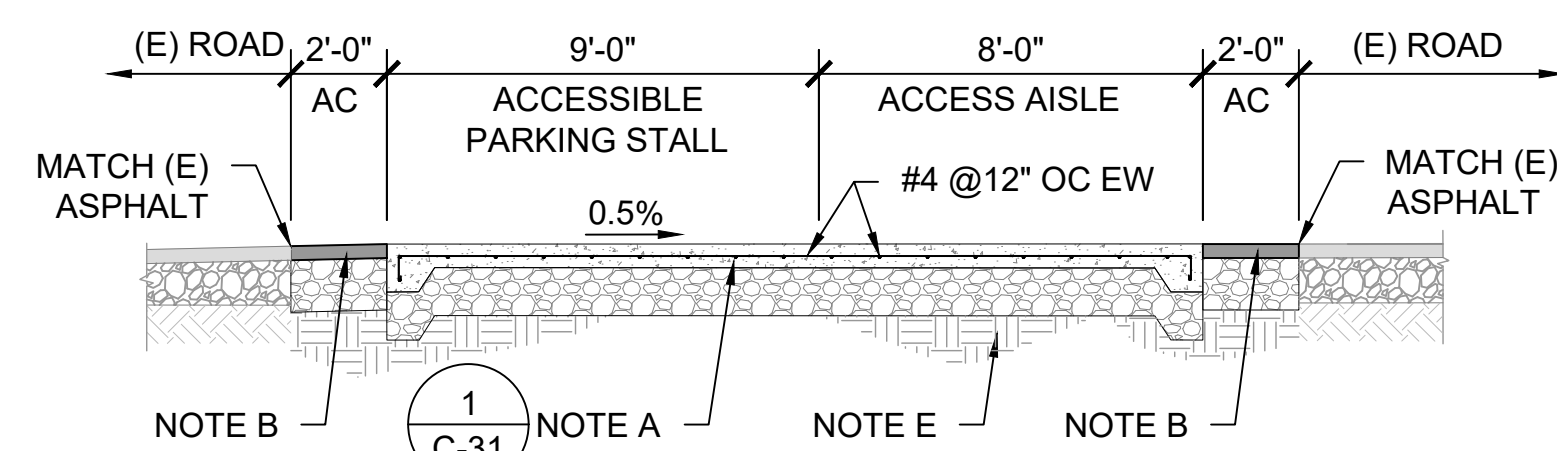
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SCALE@22X34 1/4" = 1'-0"



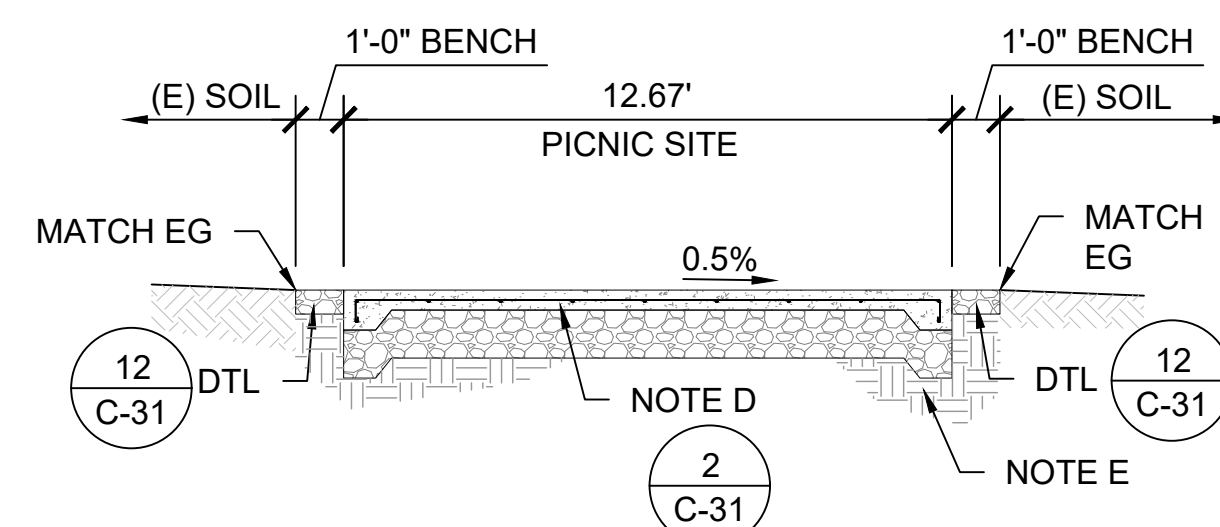
23 GRADING & PAVING SECTION - POMPONIO SB - SITE 2
SCALE@22X34 1/4" = 1'-0"



24 GRADING & PAVING SECTION - POMPONIO SB - SITE 3
SCALE@22X34 1/4" = 1'-0"



25 GRADING & PAVING SECTION - POMPONIO SB - SITE 3
SCALE@22X34 1/4" = 1'-0"



26 GRADING & PAVING SECTION - POMPONIO SB - SITE 3
SCALE@22X34 1/4" = 1'-0"

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
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- H. SOIL CONDITIONS VARY AT EACH SITE LOCATION, SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
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CONSTRUCTION

DPR ACCESS COMPLIANCE REVIEW	
ACCESSIBILITY SECTION	
CERTIFICATION #	
Reviewed by	Date
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER	

DESIGNED:	TL
DRAWN:	TL
CHECKED:	KR
DATE:	MAY 2023

REVISIONS	DATE

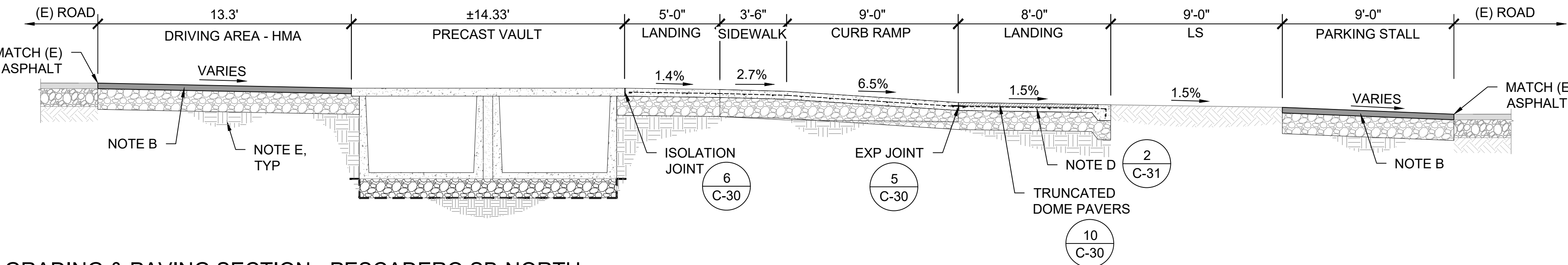
SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
GRADING & PAVING SECTIONS 3

206279.029

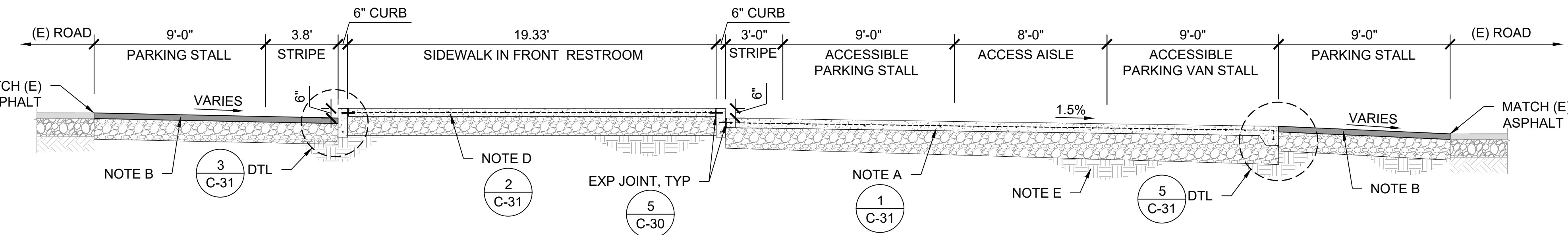
SHEET NO.
C-26
029 OF 040



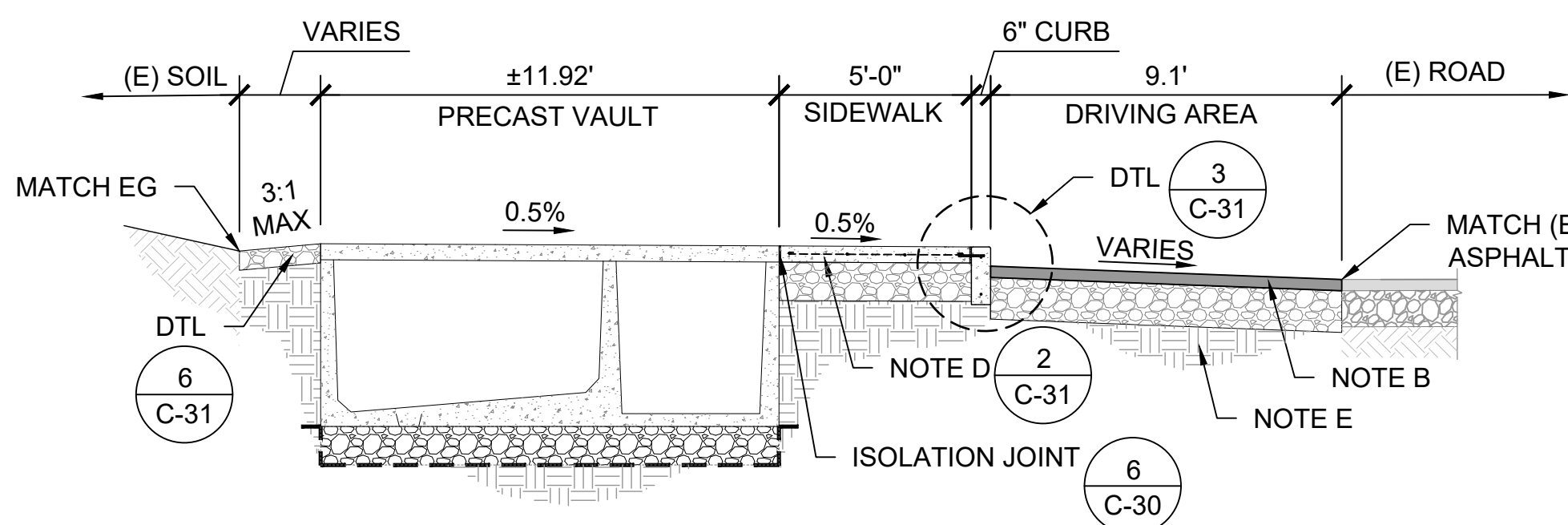
FACILITIES AND DEVELOPMENT DIVISION



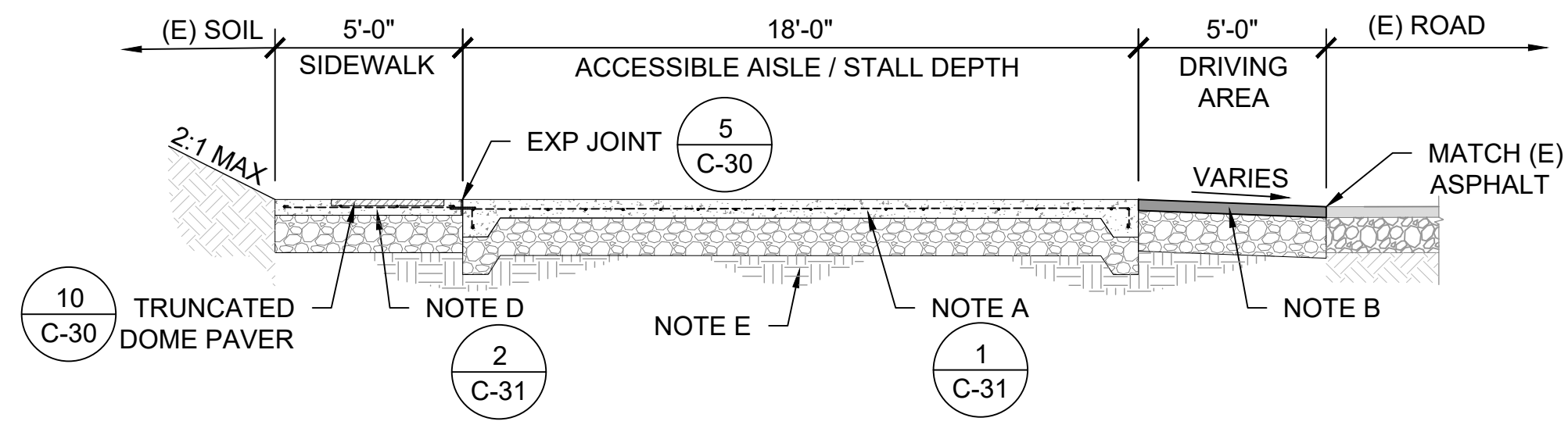
27 GRADING & PAVING SECTION - PESCADERO SB-NORTH
SCALE@22X34 1/4" = 1'-0"



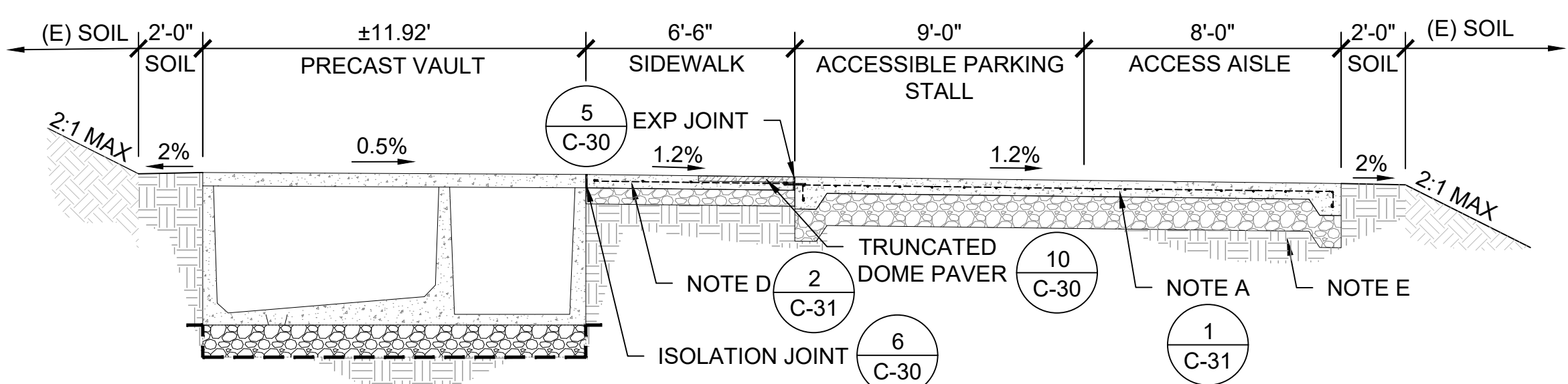
28 GRADING & PAVING SECTION - PESCADERO SB-NORTH
SCALE@22X34 1/4" = 1'-0"



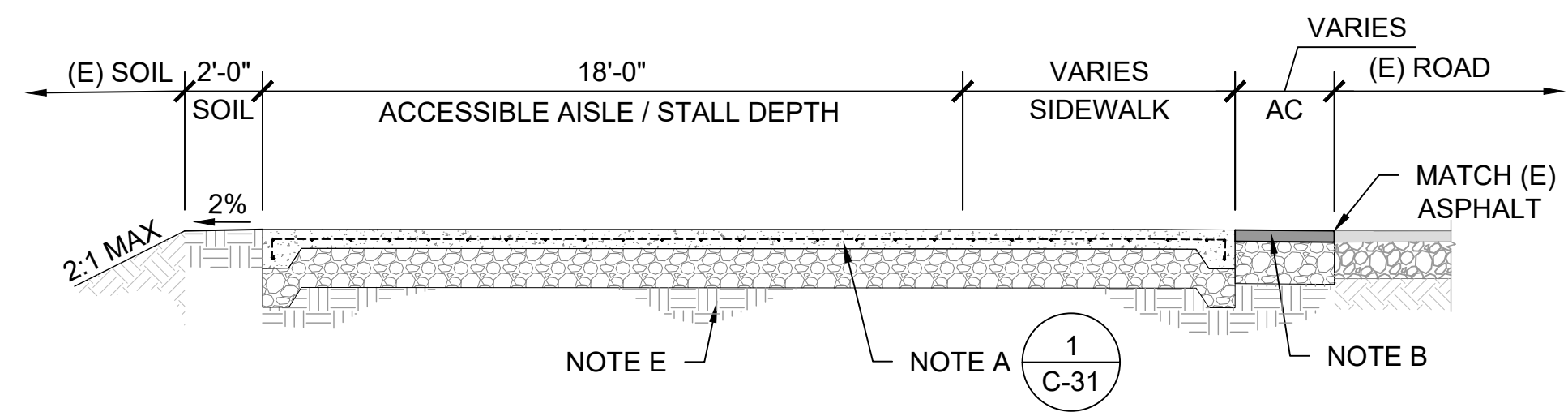
29 GRADING & PAVING SECTION - PESCADERO SB-NORTH
SCALE@22X34 1/4" = 1'-0"



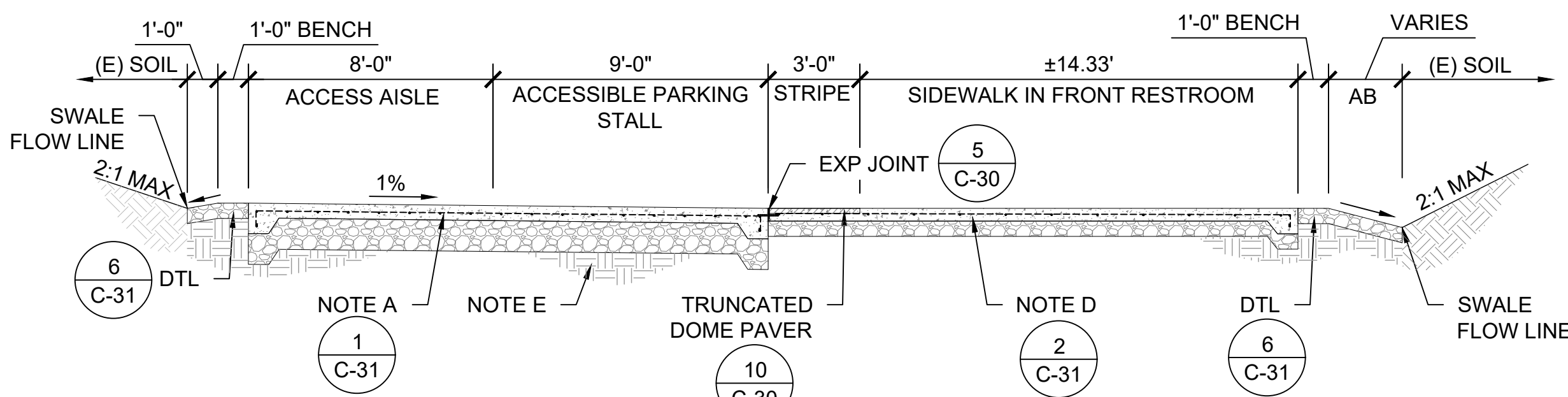
30 GRADING & PAVING SECTION - PESCADERO SB-NORTH
SCALE@22X34 1/4" = 1'-0"



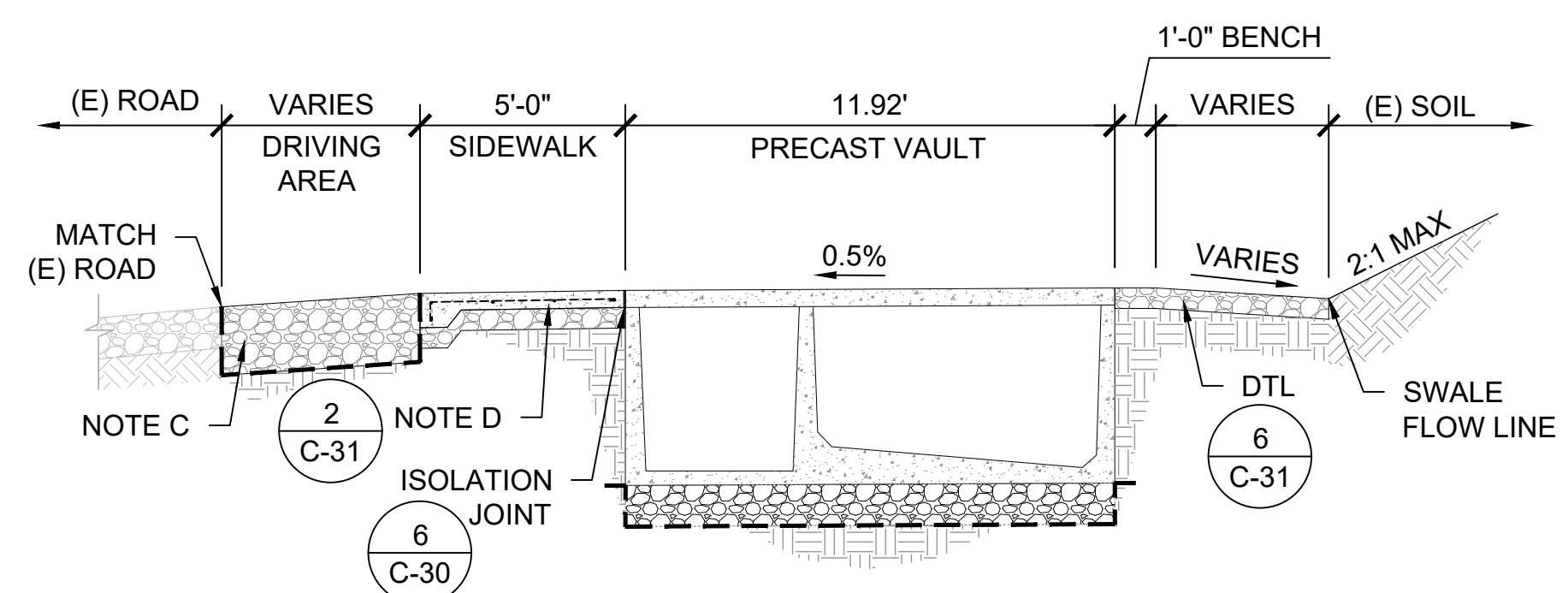
31 GRADING & PAVING SECTION - PESCADERO SB-CENTRAL
SCALE@22X34 1/4" = 1'-0"



32 GRADING & PAVING SECTION - PESCADERO SB-CENTRAL
SCALE@22X34 1/4" = 1'-0"



33 GRADING & PAVING SECTION - PESCADERO SB-SOUTH
SCALE@22X34 1/4" = 1'-0"



34 GRADING & PAVING SECTION - PESCADERO SB-SOUTH
SCALE@22X34 1/4" = 1'-0"

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL. PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- B. 3.5" AC ON 13" CLASS 2 AB PER GEOCON GEOTECHNICAL REPORT. TRAFFIC INDEX = 6.0. CLASS 2 AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- C. 20" CLASS 2 AB ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) PER GEOCON GEOTECHNICAL REPORT. AB AND THE TOP 6" OF SUBGRADE TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- D. 5" PCC ON AT LEAST 12" CLASS 2 AB, EXCEPT 18" AB AT SAN GREGORIO, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE #4 FIBERGLASS REBAR @ 18" ON CENTER EACH DIRECTION, UNLESS OTHERWISE NOTED ON DTL. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT.
- E. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON SHEET C-31.
- F. 6" DECOMPOSED GRANITE ABOVE GEOTEXTILE FABRIC (MIRAFI 500X, OR EQUAL) TO BE COMPACTED TO AT LEAST 95% RC PER GEOCON GEOTECHNICAL REPORT.
- G. GRADING PER PLAN SHEET C-2 THROUGH C-23
- H. SOIL CONDITIONS VARY AT EACH SITE LOCATION. SEE APPROPRIATE DETAIL FOR EACH SITE AND GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- I. CURBS, SIDEWALKS, CROSSWALKS & PICNIC SITES:
 - PLACE 1/2" FIBER EXPANSION JOINTS EVERY 20LF UNLESS OTHERWISE NOTED ON PLAN
 - CONTRACTION JOINTS 1/4"W x 1-1/4"D EVERY 12LF
 - SCORE JOINTS 1/4"W x 1/4"D EVERY 4LF
- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022

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SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
GRADING & PAVING SECTIONS 4

206279.030

SHEET NO.

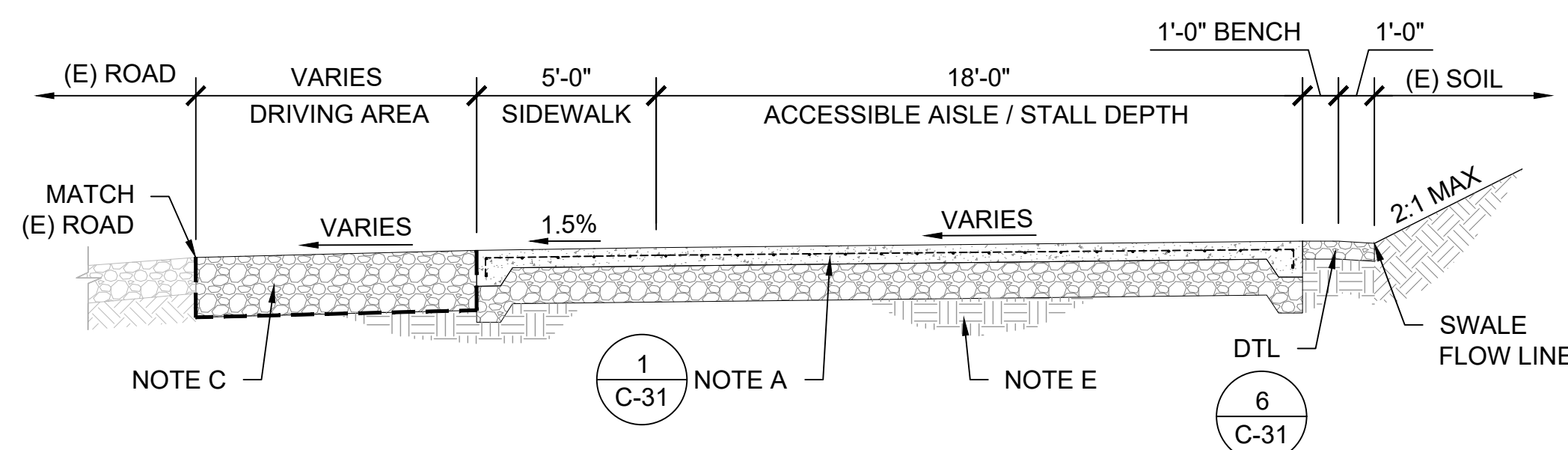
C-27

030 OF 040

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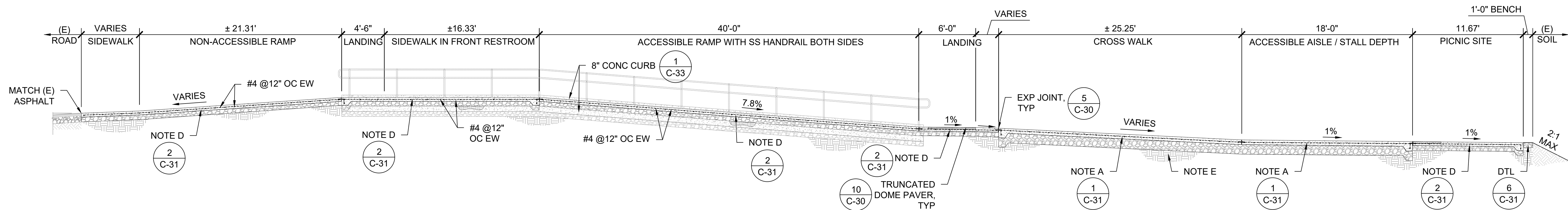


FACILITIES AND DEVELOPMENT DIVISION



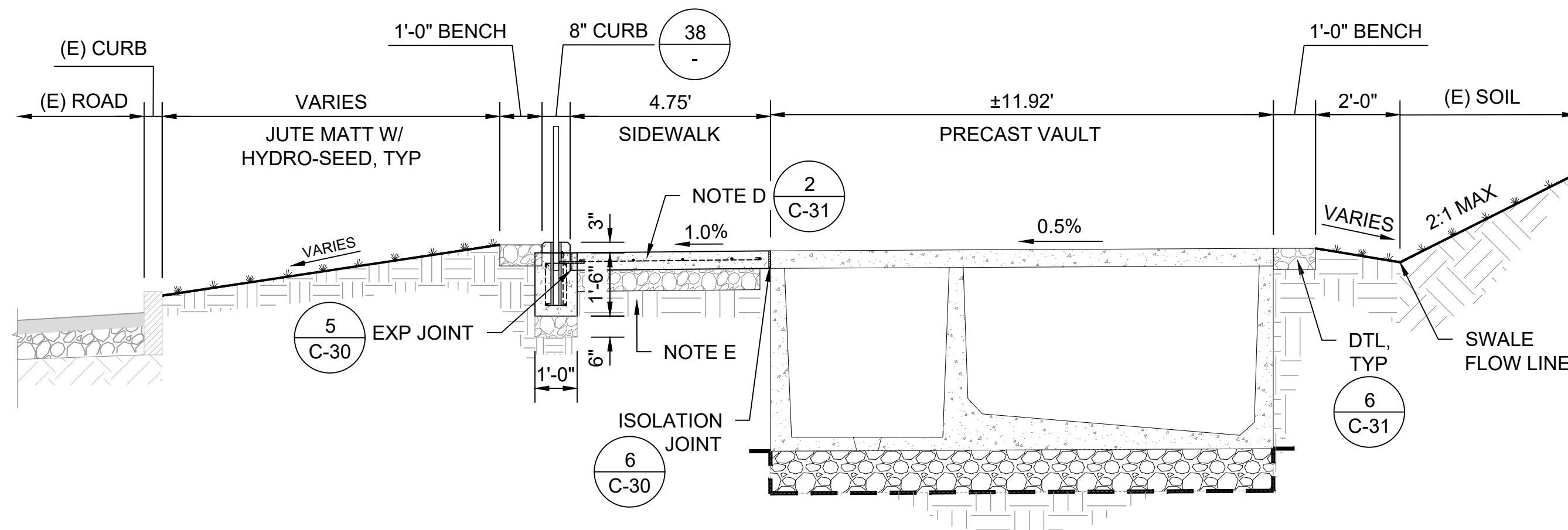
35 GRADING & PAVING SECTION - PESCADERO SB-SOUTH

SCALE@22X34 1/4" = 1'-0"



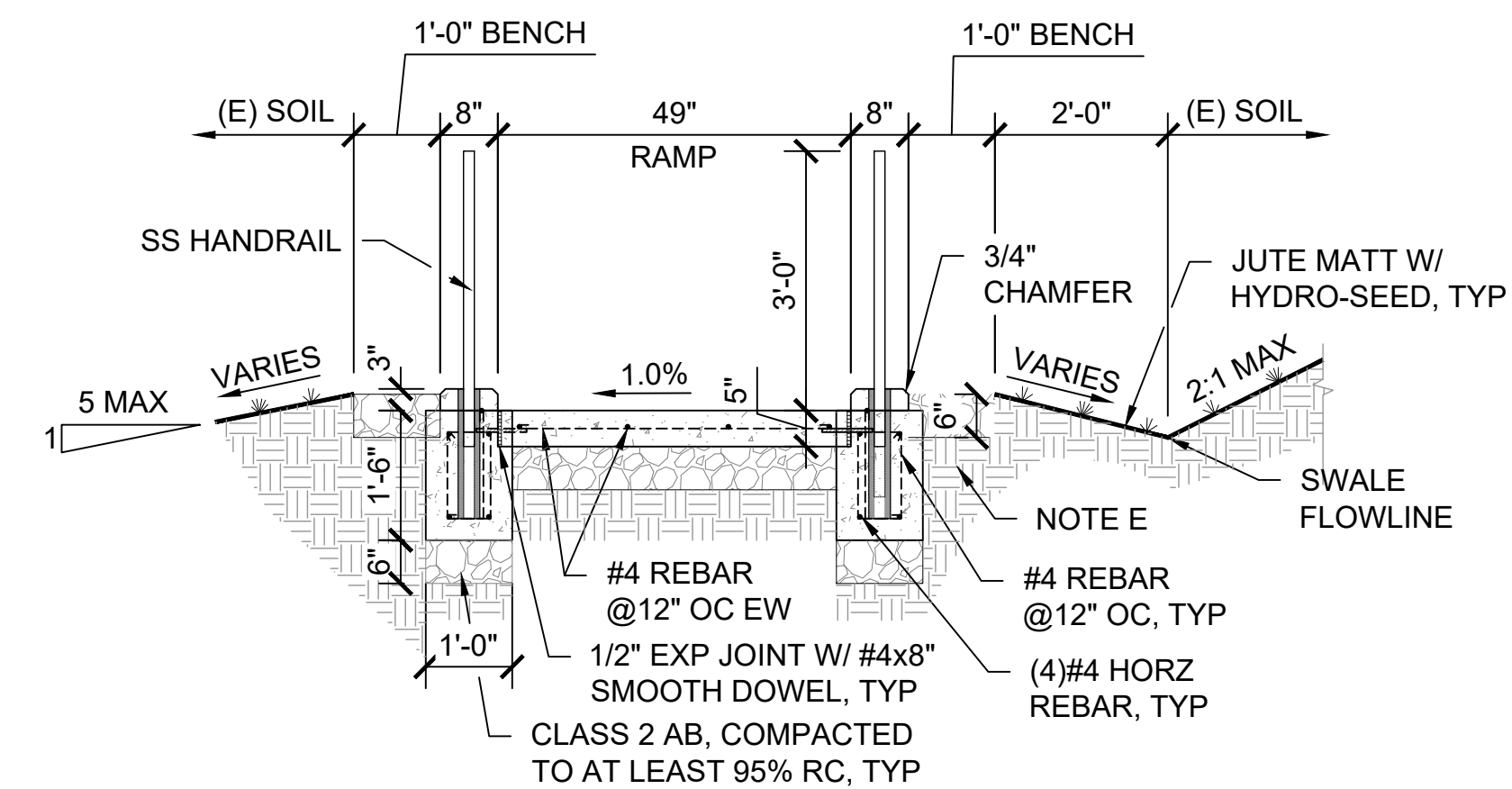
36 GRADING & PAVING SECTION - BEAN HOLLOW SB

SCALE@22X34 3/16" = 1'-0"



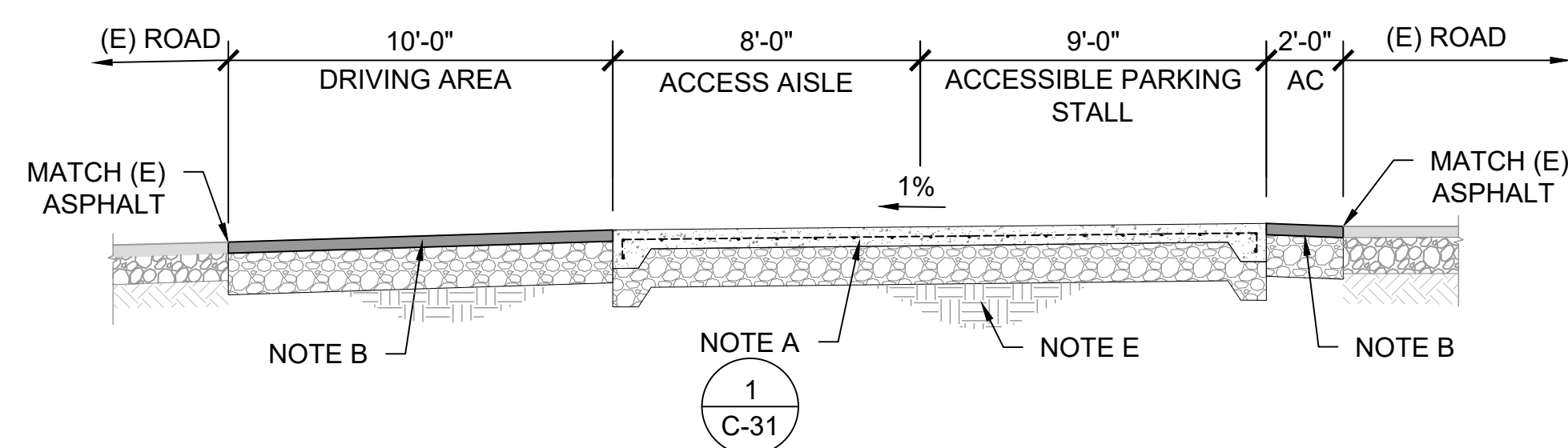
37 GRADING & PAVING SECTION - BEAN HOLLOW SB

SCALE@22X34 3/8" = 1'-0"



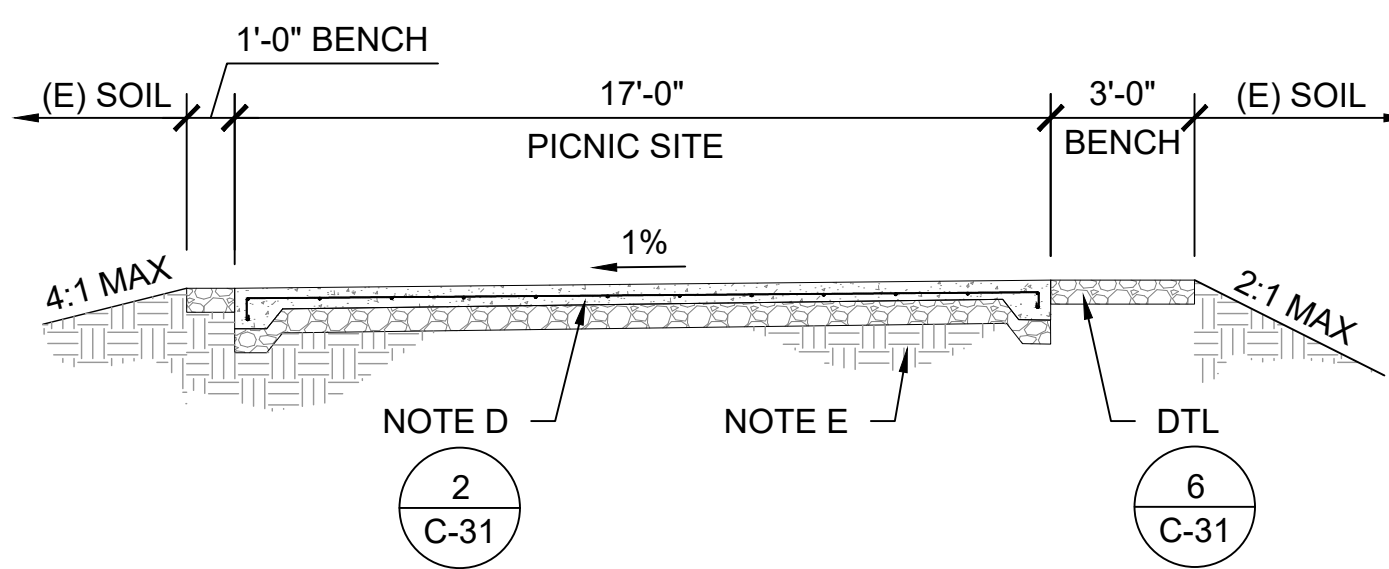
38 GRADING & PAVING SECTION - BEAN HOLLOW SB

SCALE@22X34 1/2" = 1'-0"



39 GRADING & PAVING SECTION - BEAN HOLLOW SB

SCALE@22X34 1/4" = 1'-0"



40 GRADING & PAVING SECTION - BEAN HOLLOW SB

SCALE@22X34 1/4" = 1'-0"

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
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- J. GEOCON GEOTECHNICAL REPORT IS DATED JULY 7, 2022

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SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
GRADING & PAVING SECTIONS 5

206279.031

SHEET NO.

C-28

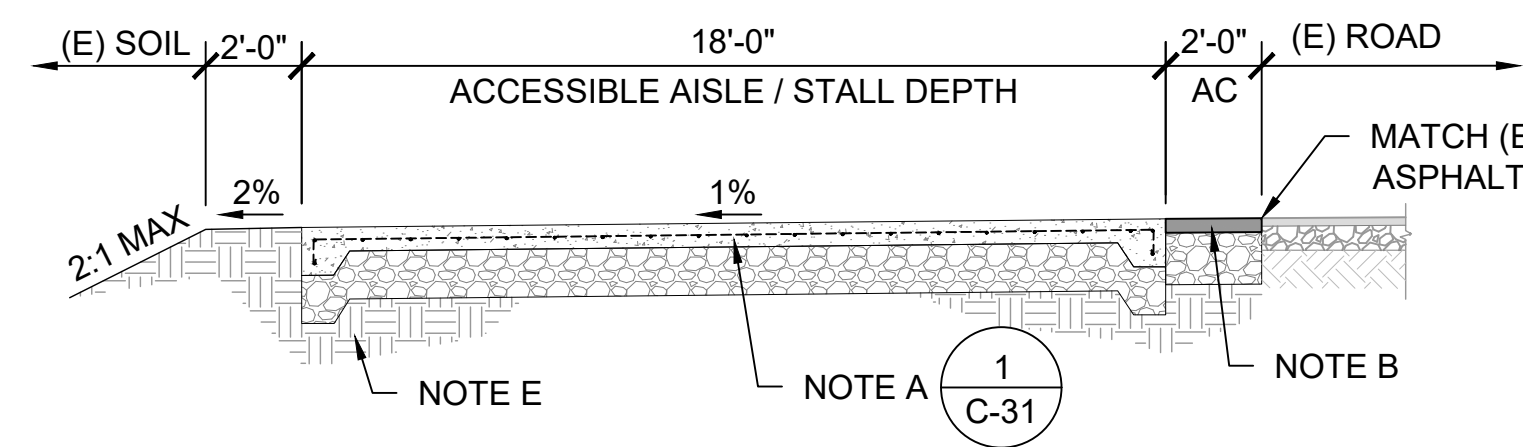
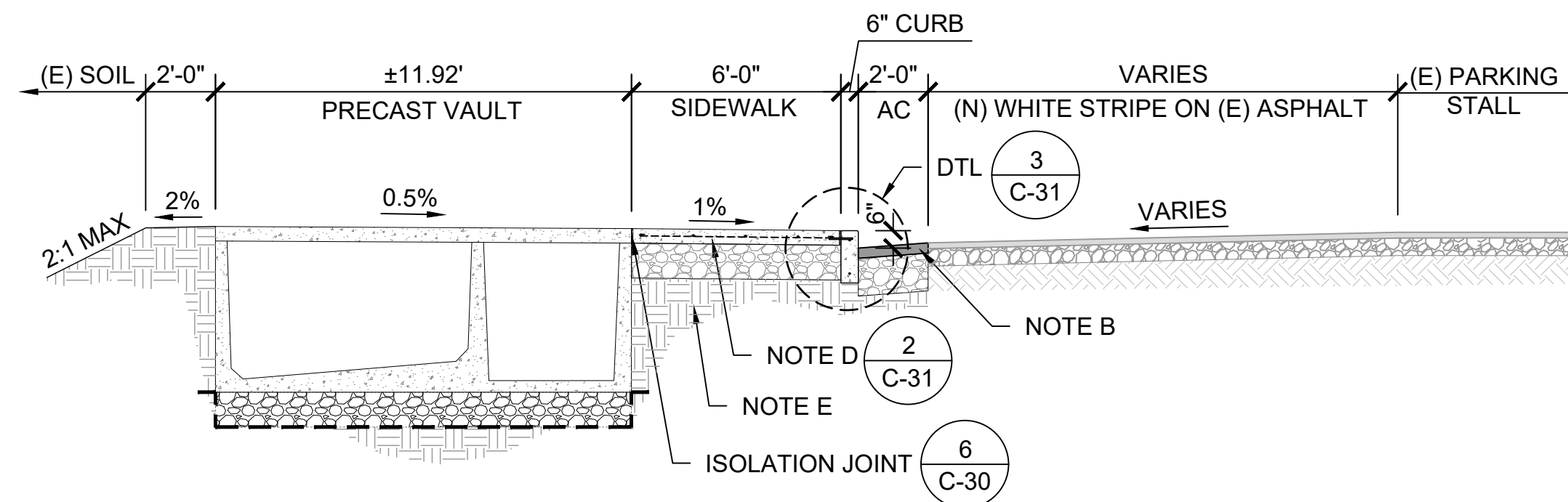
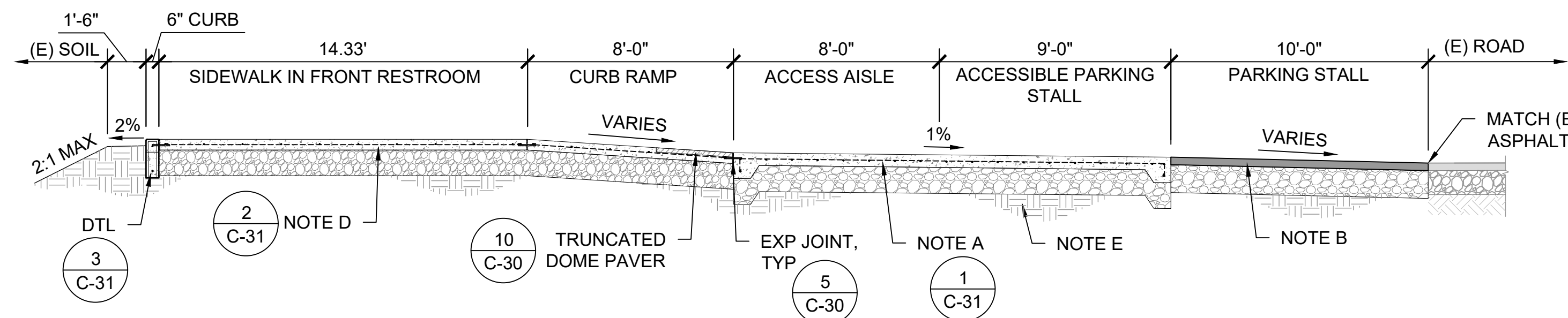
031 OF 040



FACILITIES AND DEVELOPMENT DIVISION

NOTES:

- A. 6" PCC ON 12" CLASS 2 AB, UNLESS OTHERWISE NOTED ON DTL, PER GEOCON GEOTECHNICAL REPORT. REINFORCING TO BE FIBERGLASS #4 REBAR @ 12" ON CENTER EACH DIRECTION. CLASS 2 AB TO BE COMPACTED TO AT LEAST 95% RC AT OR NEAR OPTIMUM MOISTURE CONTENT. PCC TO HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
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SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
GRADING & PAVING SECTIONS 6

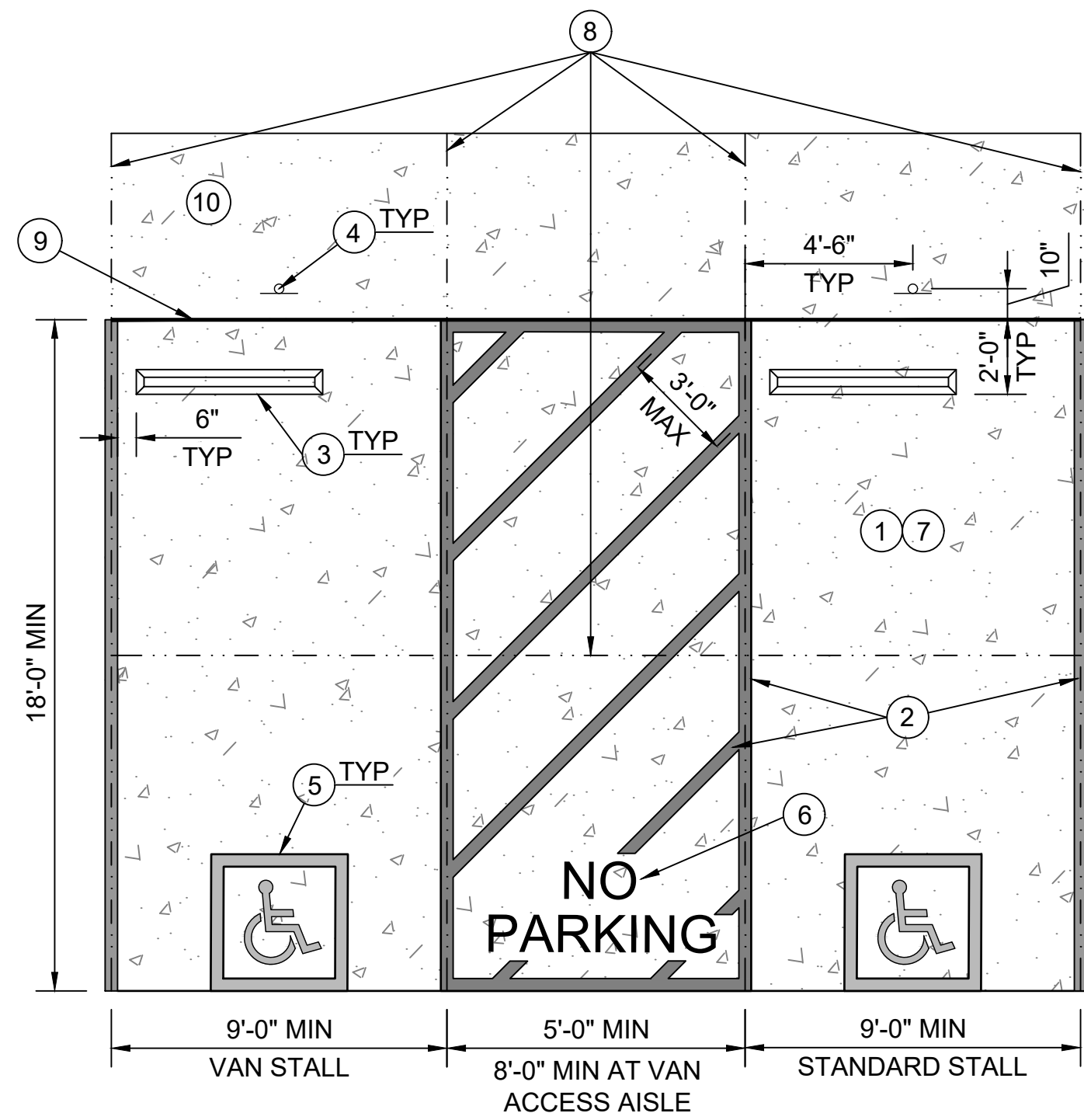
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SHEET NO.

C-29

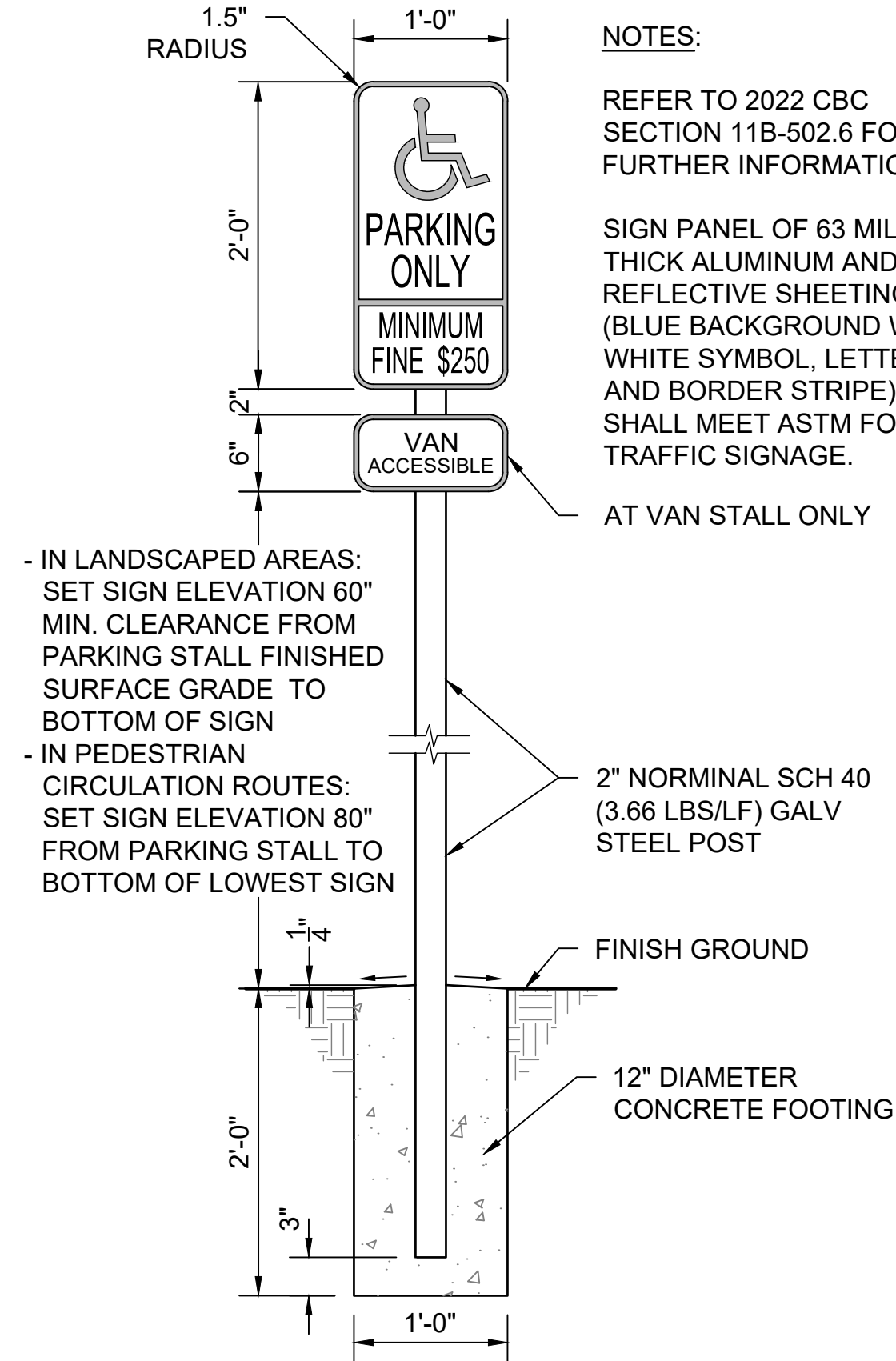
032 OF 040

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-30 ACCESSIBLE PARKING & CONCRETE JOINT DETAILS.dwg Layout: C-30 ACCESSIBLE PARKING & CONCRETE JOINT DETAILS Date: May 19 2023 - 4:20 pm User: tie



- NOTES:
- PARKING PAD TO BE CIP CONC PER DETAIL 1 ON SHEET C-31
 - 4" WIDE PAINTED BLUE LINES, TYP 45 DEGREE LINES SHALL BE 36" MAX OC
 - INSTALL CONC WHEEL STOPS PER DETAIL 9 ON THIS SHEET
 - INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 2 ON THIS SHEET
 - INSTALL ACCESSIBLE SYMBOL PER DETAIL 4 ON THIS SHEET
 - "NO PARKING" TEXT SHALL BE PAINTED ON THE GROUND IN WHITE PAINT NO LESS THAN 12 INCHES PER CBC SECTION 11B.502.3.3 "MARKING"
 - ACCESSIBLE PARKING STALLS TO HAVE A MAX 1.5% SLOPE IN ANY DIRECTION, REFER TO 2019 CBC SECTION 11B-502 FOR FURTHER INFORMATION.
 - CONTROL JOINTS PLACED IN SAME LOCATION AS PARKING STALL JOINTS, AND PLACED AT MIDWAY OF STALL, PER DETAIL 7 ON THIS SHEET
 - EXPANSION JOINT PER DETAIL 5 ON THIS SHEET
 - SIDE WALK TO BE CIP CONC PER DETAIL 2 ON SHEET C-31

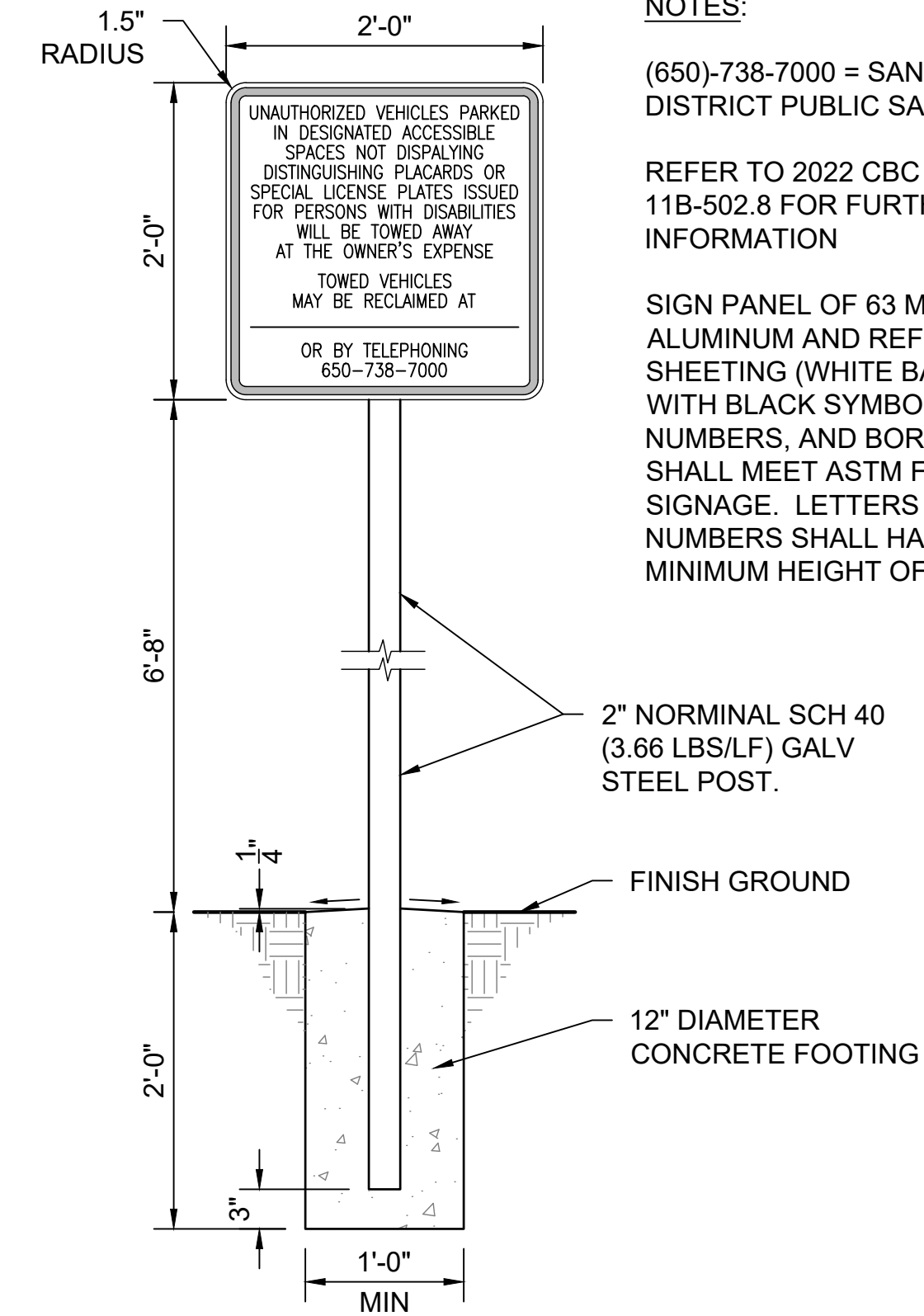
1 ACCESSIBLE PARKING STALLS - TYPICAL
SCALE@22X34 1/4" = 1'-0"



- NOTES:
- REFER TO 2022 CBC SECTION 11B-502.6 FOR FURTHER INFORMATION
 - SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (BLUE BACKGROUND W/ WHITE SYMBOL, LETTERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE.
 - AT VAN STALL ONLY

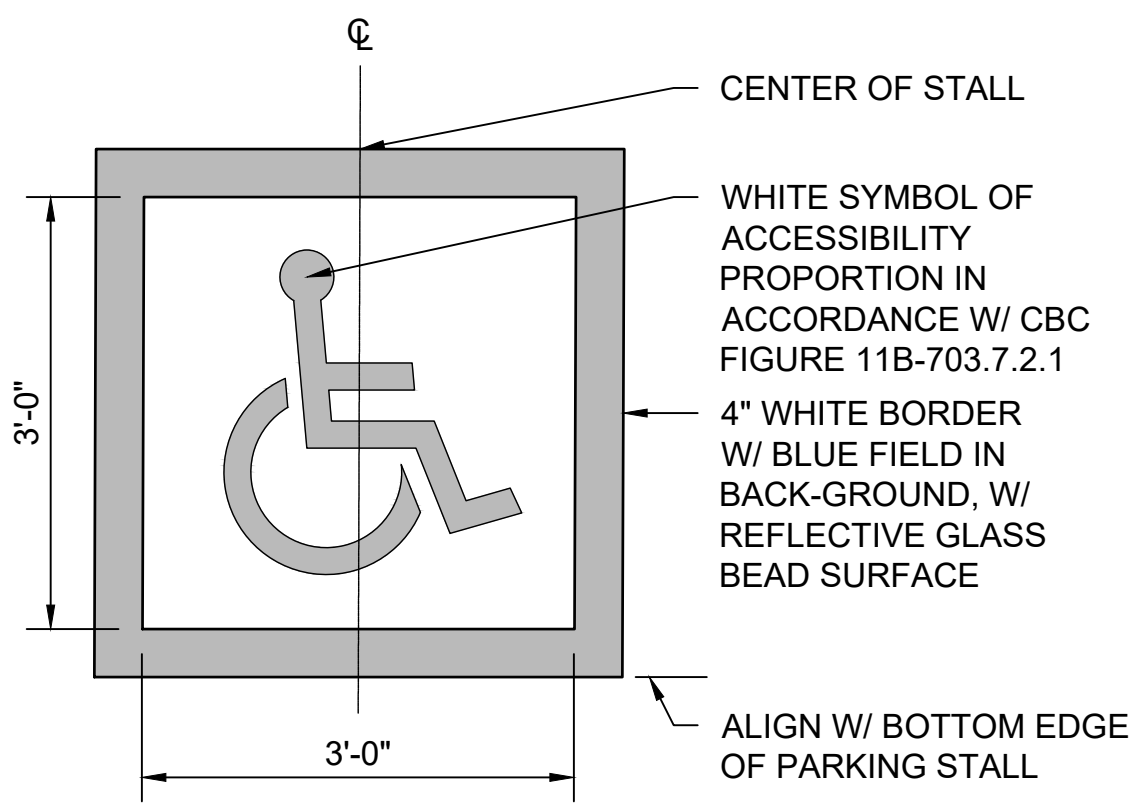
- IN LANDSCAPED AREAS: SET SIGN ELEVATION 60" MIN. CLEARANCE FROM PARKING STALL FINISHED SURFACE GRADE TO BOTTOM OF SIGN
- IN PEDESTRIAN CIRCULATION ROUTES: SET SIGN ELEVATION 80" FROM PARKING STALL TO BOTTOM OF LOWEST SIGN
- 2" NOMINAL SCH 40 (3.66 LBS/LF) GALV STEEL POST
- FINISH GROUND
- 12" DIAMETER CONCRETE FOOTING

2 ACCESSIBLE PARKING SIGN
SCALE@22X34 1" = 1'-0"

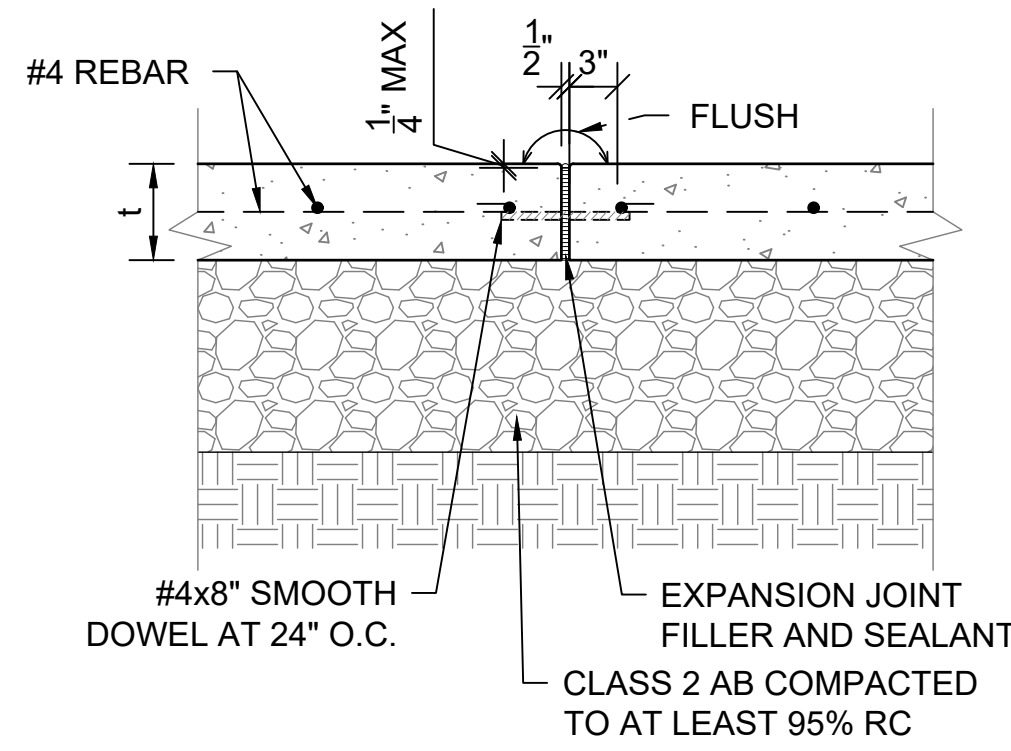


- NOTES:
- (650)-738-7000 = SAN MATEO DISTRICT PUBLIC SAFETY OFFICE
 - REFER TO 2022 CBC SECTION 11B-502.8 FOR FURTHER INFORMATION
 - SIGN PANEL OF 63 MILS THICK ALUMINUM AND REFLECTIVE SHEETING (WHITE BACKGROUND WITH BLACK SYMBOL, LETTERS, NUMBERS, AND BORDER STRIPE) SHALL MEET ASTM FOR TRAFFIC SIGNAGE. LETTERS AND NUMBERS SHALL HAVE A MINIMUM HEIGHT OF 1".
 - 2" NOMINAL SCH 40 (3.66 LBS/LF) GALV STEEL POST.
 - FINISH GROUND
 - 12" DIAMETER CONCRETE FOOTING

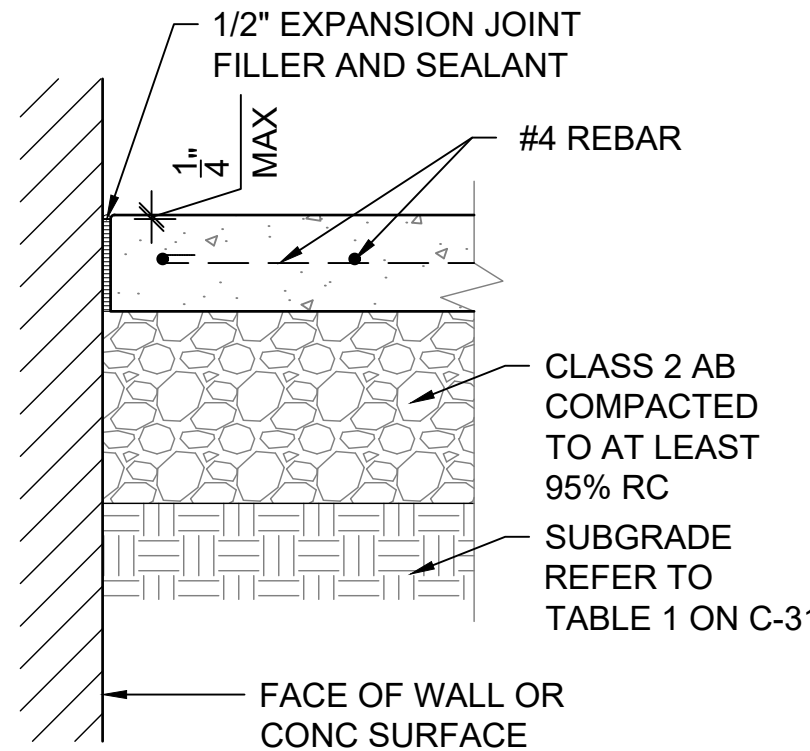
3 TOW-AWAY SIGN
SCALE@22X34 1" = 1'-0"



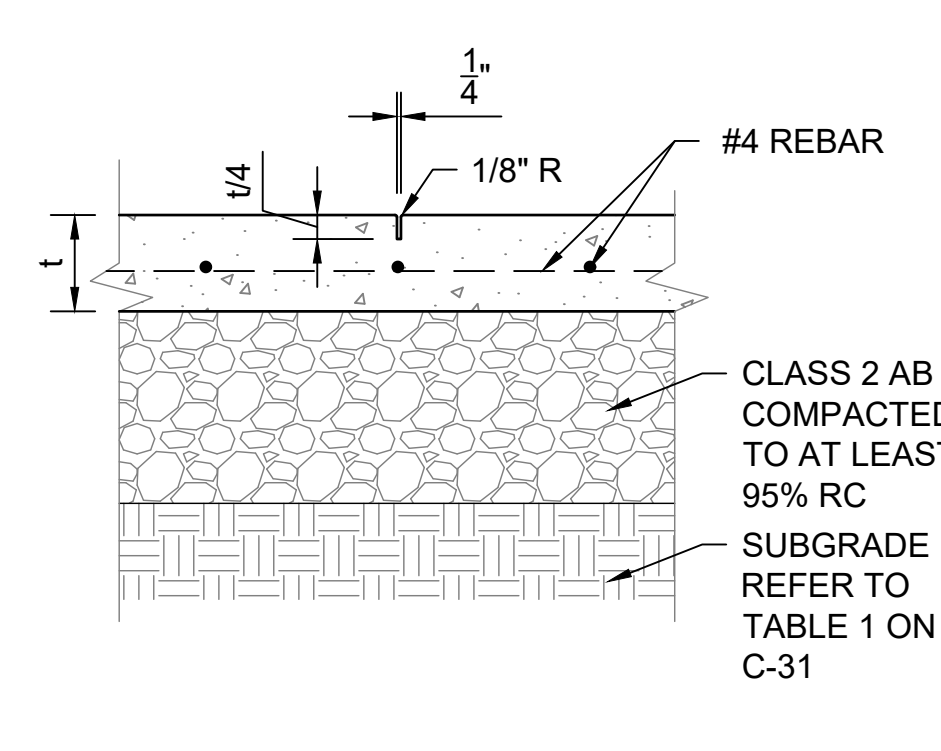
4 INTERNATIONAL SYMBOL OF ACCESSIBILITY
SCALE@22X34 3/4" = 1'-0"



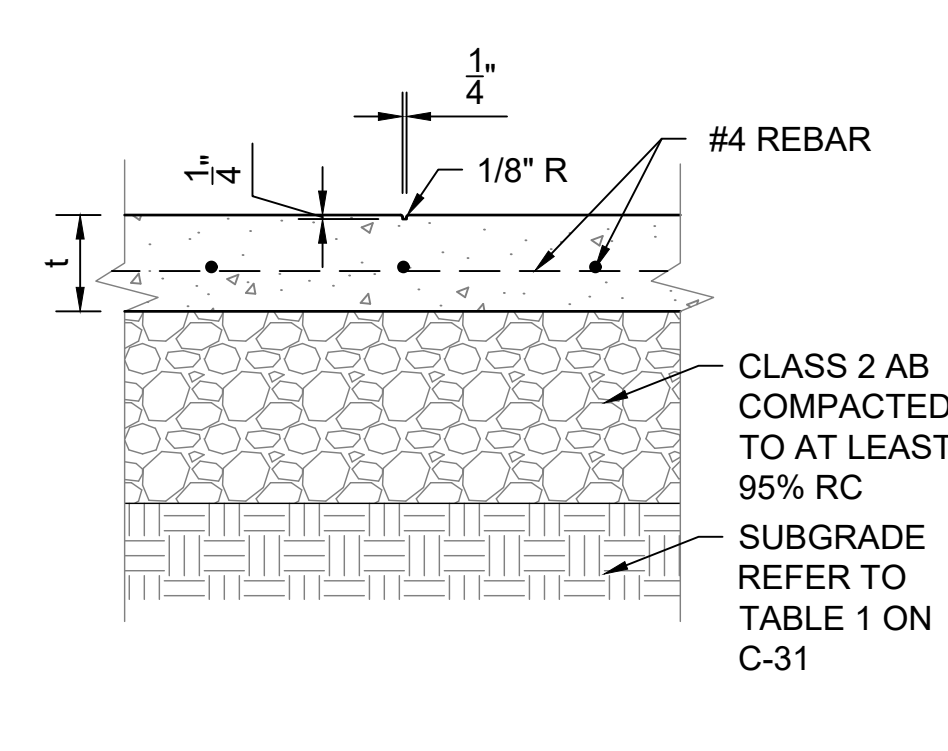
5 EXPANSION JOINT
SCALE@22X34 1" = 1'-0"



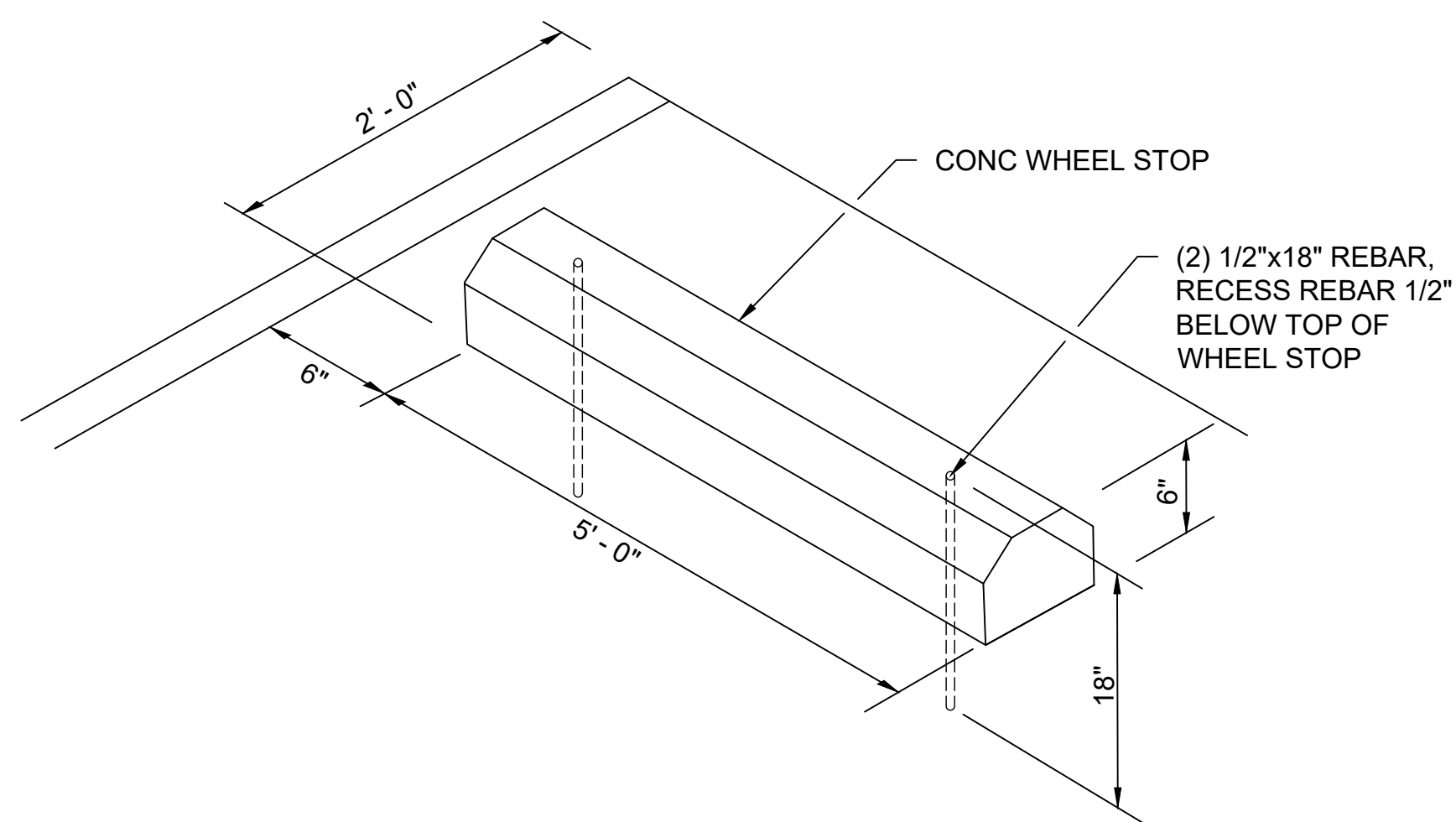
6 ISOLATION JOINT
SCALE@22X34 1" = 1'-0"



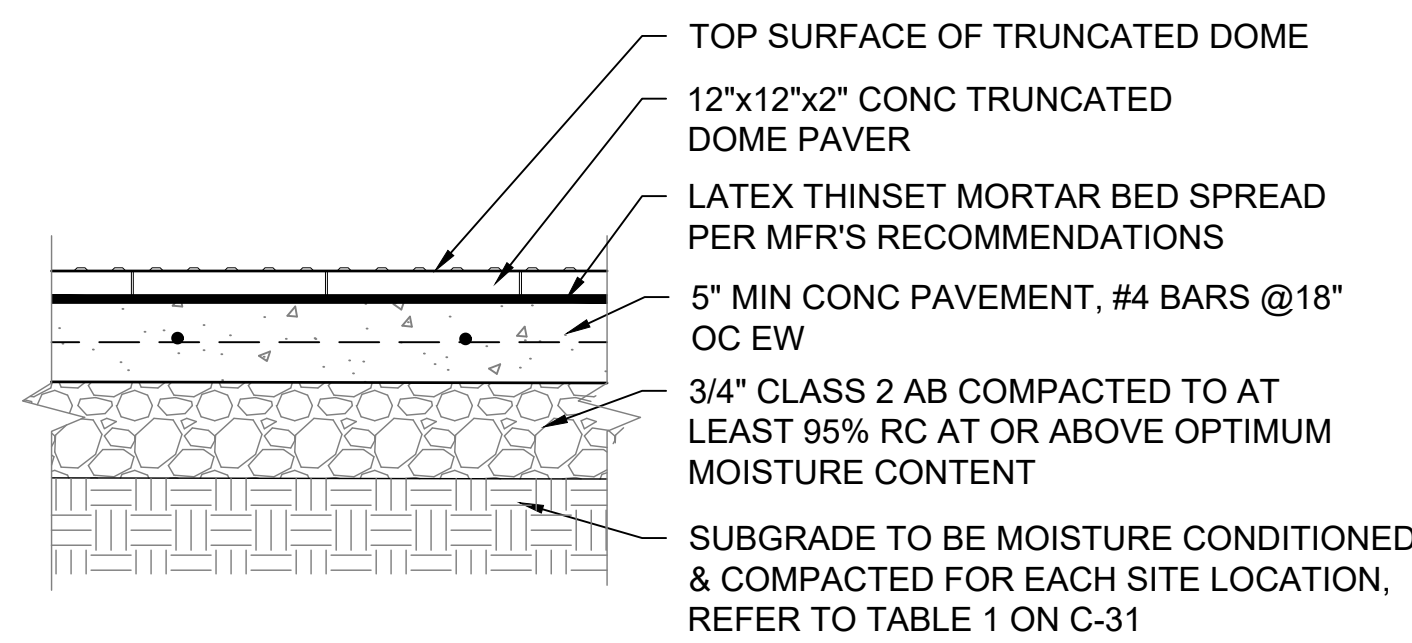
7 CONTROL JOINT
SCALE@22X34 1" = 1'-0"



8 SCORE JOINT
SCALE@22X34 1" = 1'-0"



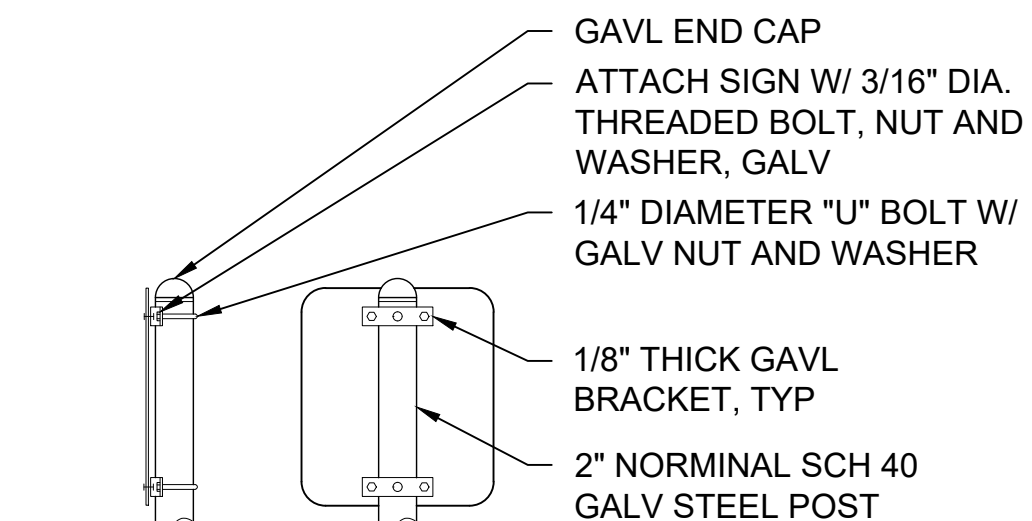
9 CONCRETE WHEEL STOP
SCALE@22X34 1" = 1'-0"



- NOTES:
- CONC SLAB SHALL BE SLOPED TO PROVIDE COMPLETE SURFACE DRAINAGE.
 - SEE SPECIFICATION FOR CONC PAVING FINISH
 - SWEEP JOINTS WITH SAND OR GROUT
 - TRUNCATED DOME PAVER TO BE WAUSAU DOME TILE/ADA-50 OR EQUAL.
 - TRUNCATED DOME PAVER SHALL MEET FLUSH W/ ADJACENT FINISH SURFACE.
 - TRUNCATED DOME PAVER SHALL COMPLY W/ CBC 2022 SECTION 11B-705.1 THROUGH 705.1.1.3.2

10 TRUNCATED DOME PAVER
SCALE@22X34 1" = 1'-0"

- NOTES:
- "VAN ACCESSIBLE" PARKING STALL SIGN SHALL BE INSTALLED AT LOCATION SHOWN ON DETAIL 1 THIS SHEET
 - CENTER SIGNS ON PARKING STALLS
 - VERIFY SIGN LOCATION PRIOR TO INSTALLATION WITH THE STATE REPRESENTATIVE
 - BORDER SYMBOLS AND LETTERING TO BE REFLECTIVE



SIDE VIEW BACK VIEW

11 SIGN INSTALLATION
SCALE@22X34 1" = 1'-0"



FACILITIES AND DEVELOPMENT DIVISION

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SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
ACCESSIBLE PARKING &
CONCRETE JOINT DETAILS

206279.033

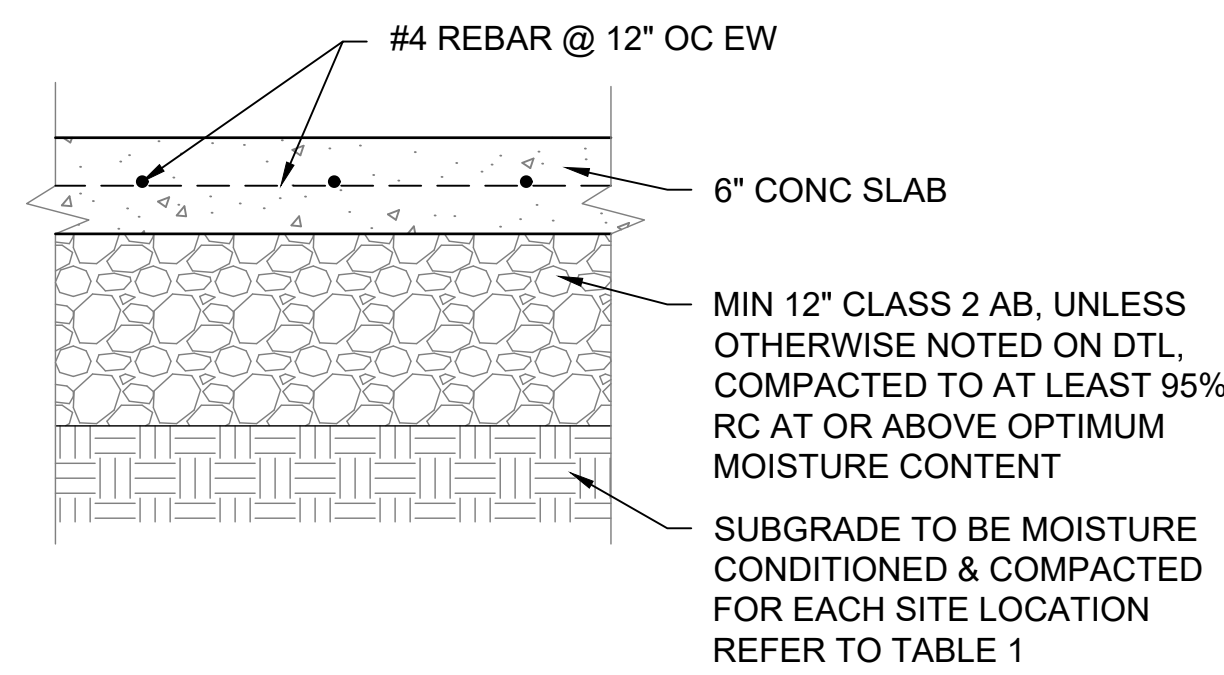
SHEET NO.

C-30

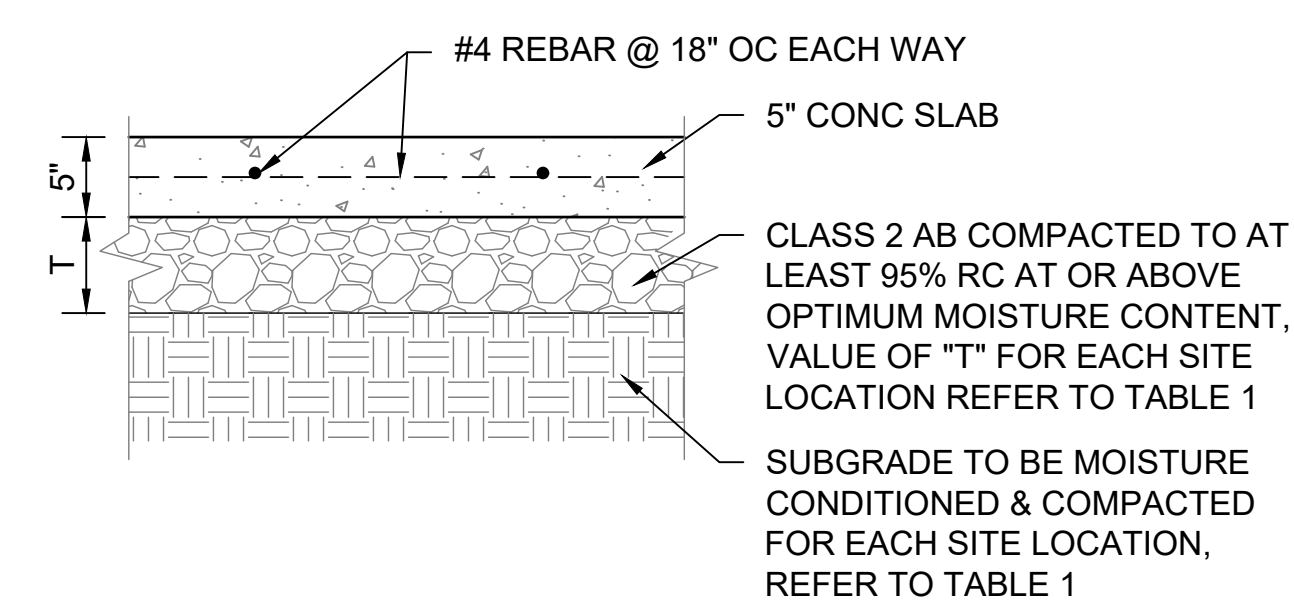
033 OF 040



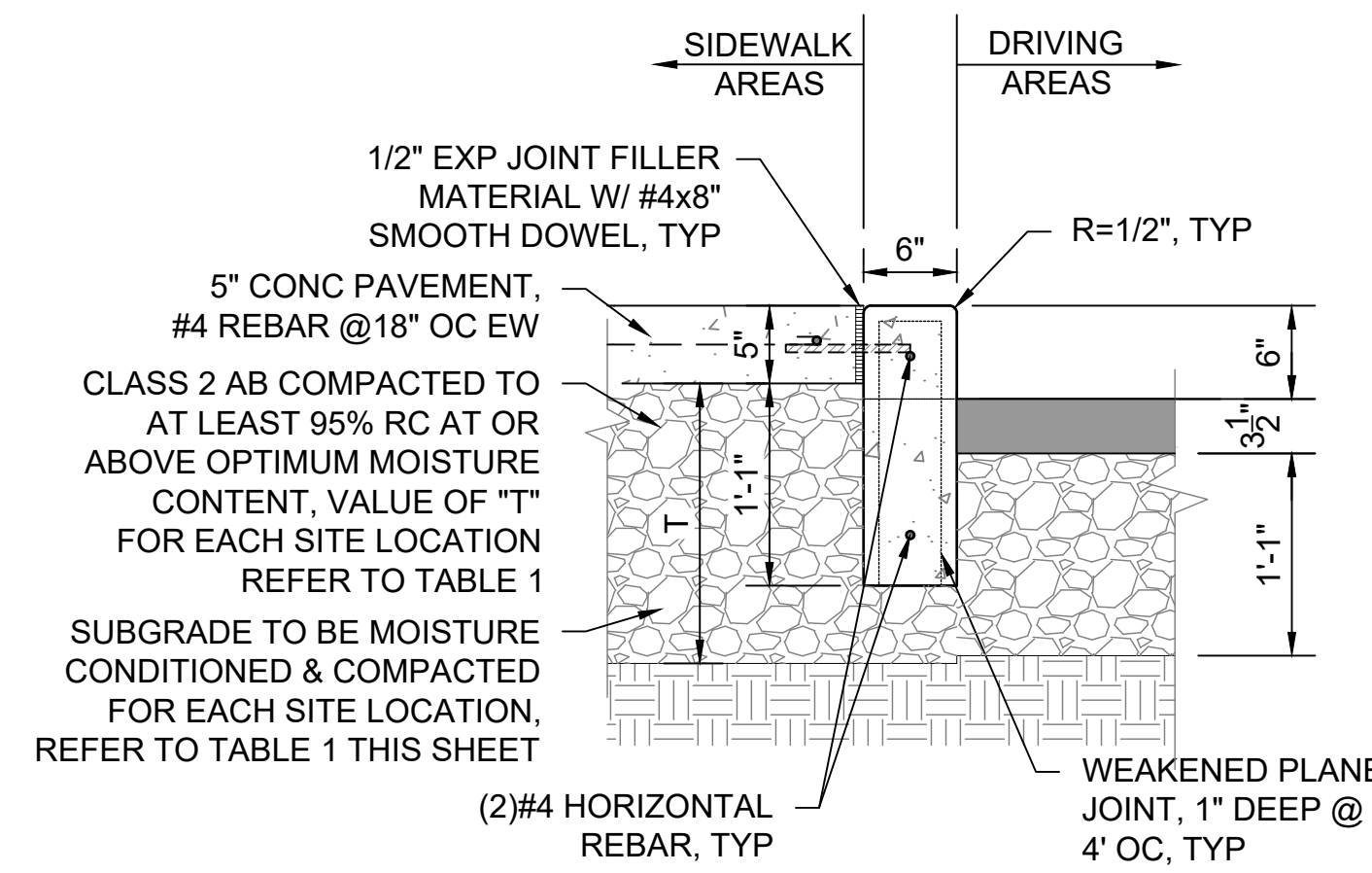
FACILITIES AND DEVELOPMENT DIVISION



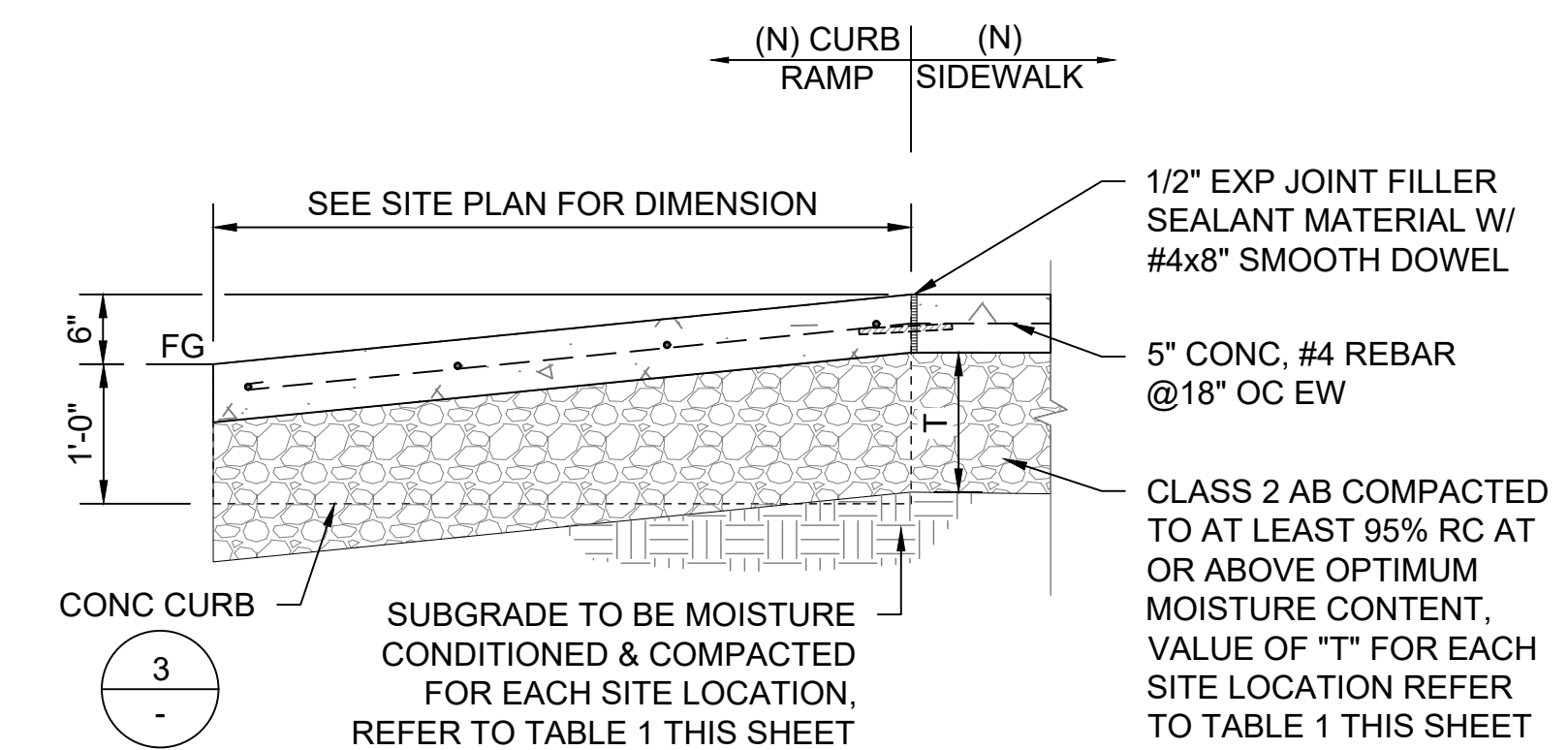
1 CONCRETE PARKING & DRIVING SLAB
SCALE@22X34 1" = 1'-0"



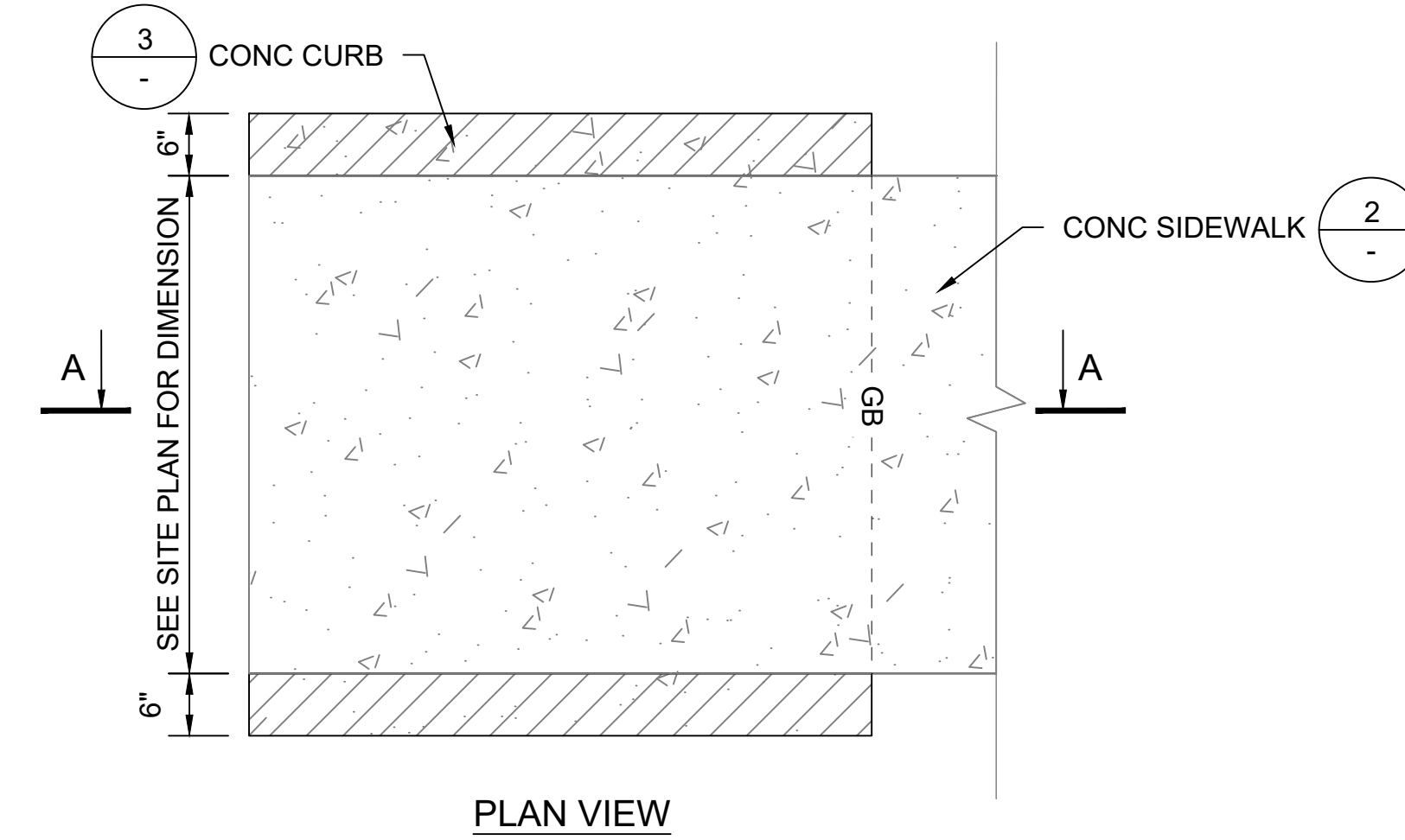
2 CONCRETE SIDEWALK & PICNIC PAD
SCALE@22X34 1" = 1'-0"



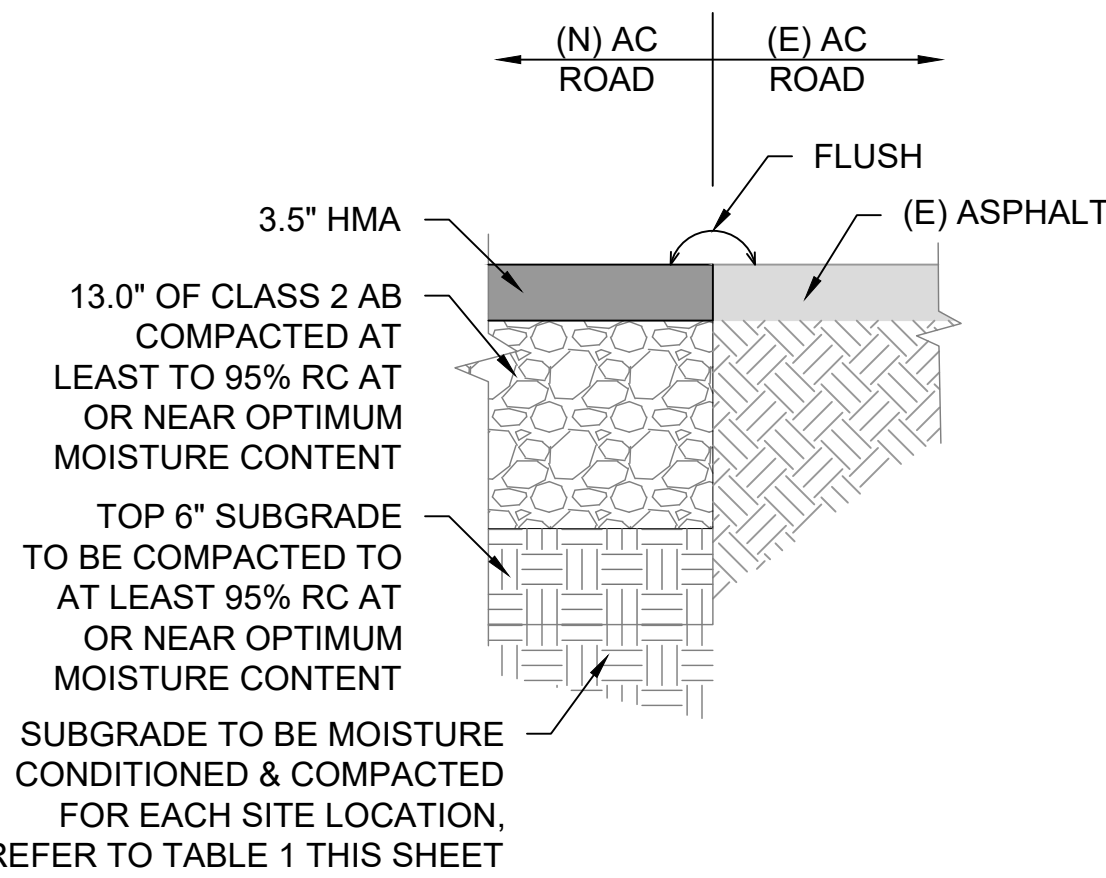
3 CONCRETE CURB
SCALE@22X34 1" = 1'-0"



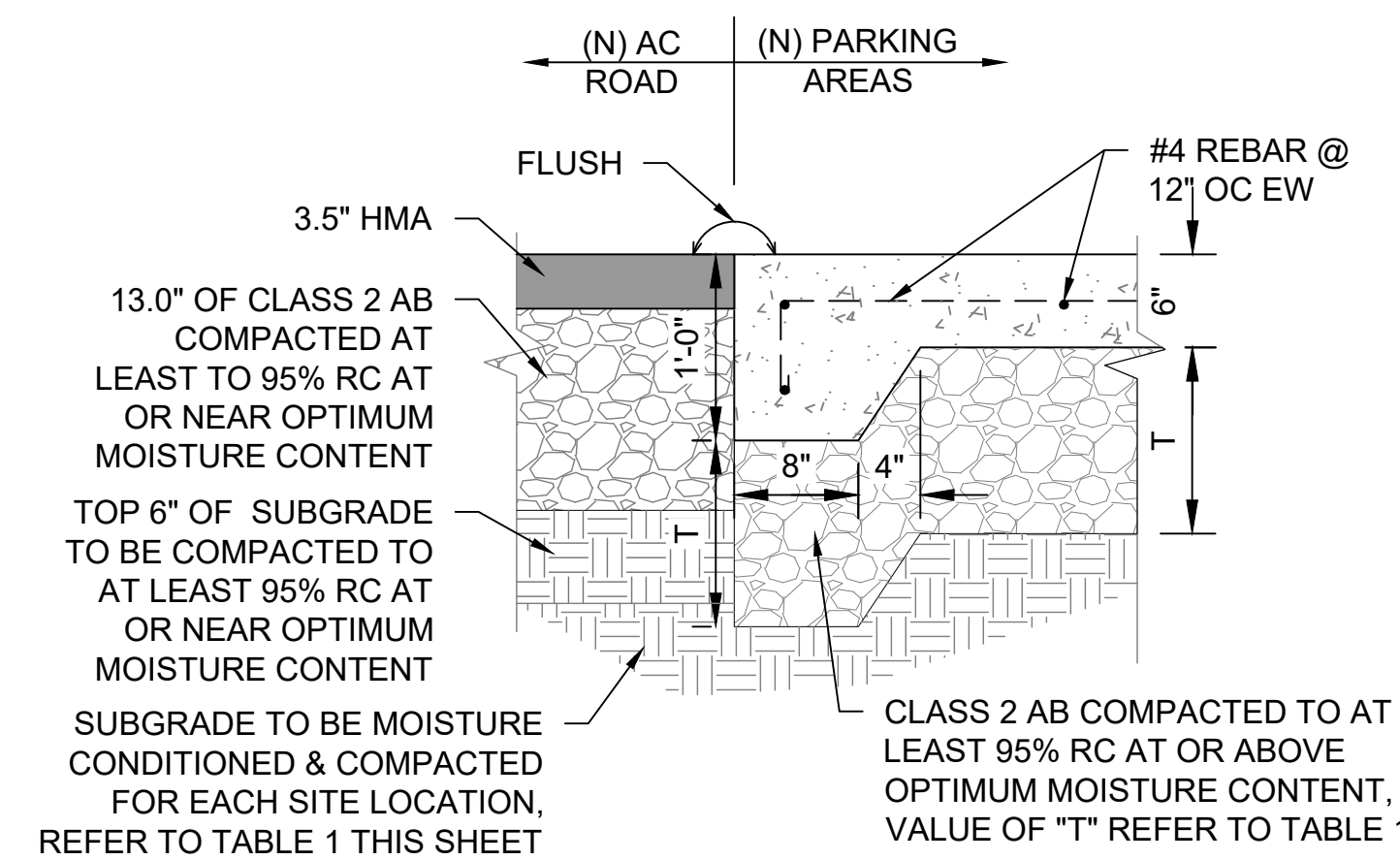
SECTION A-A



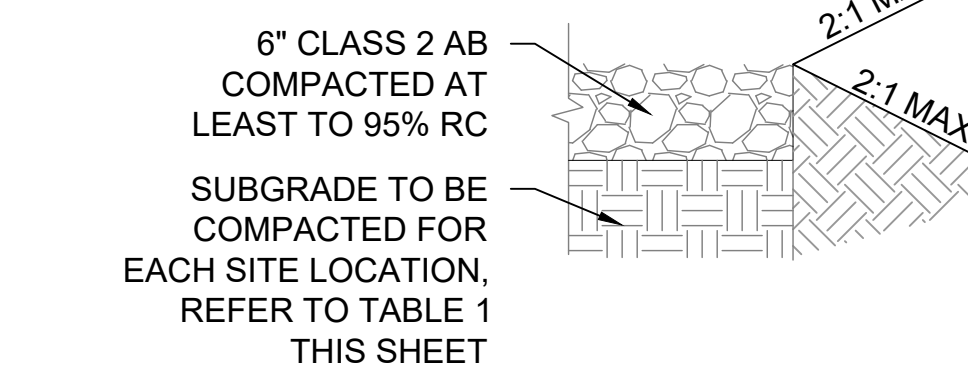
PLAN VIEW



4 (N) AC TO (E) AC PAVING
SCALE@22X34 1" = 1'-0"

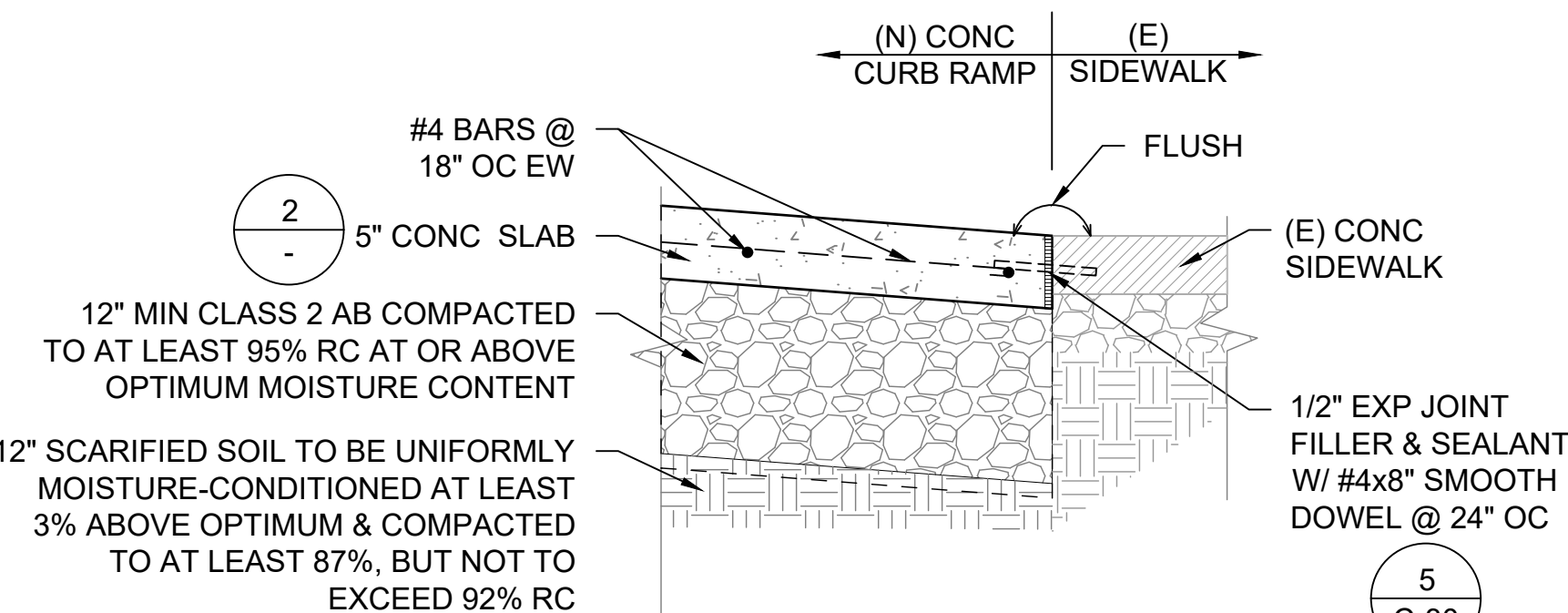


5 (N) CONC PARKING TO (N) AC PAVING
SCALE@22X34 1" = 1'-0"

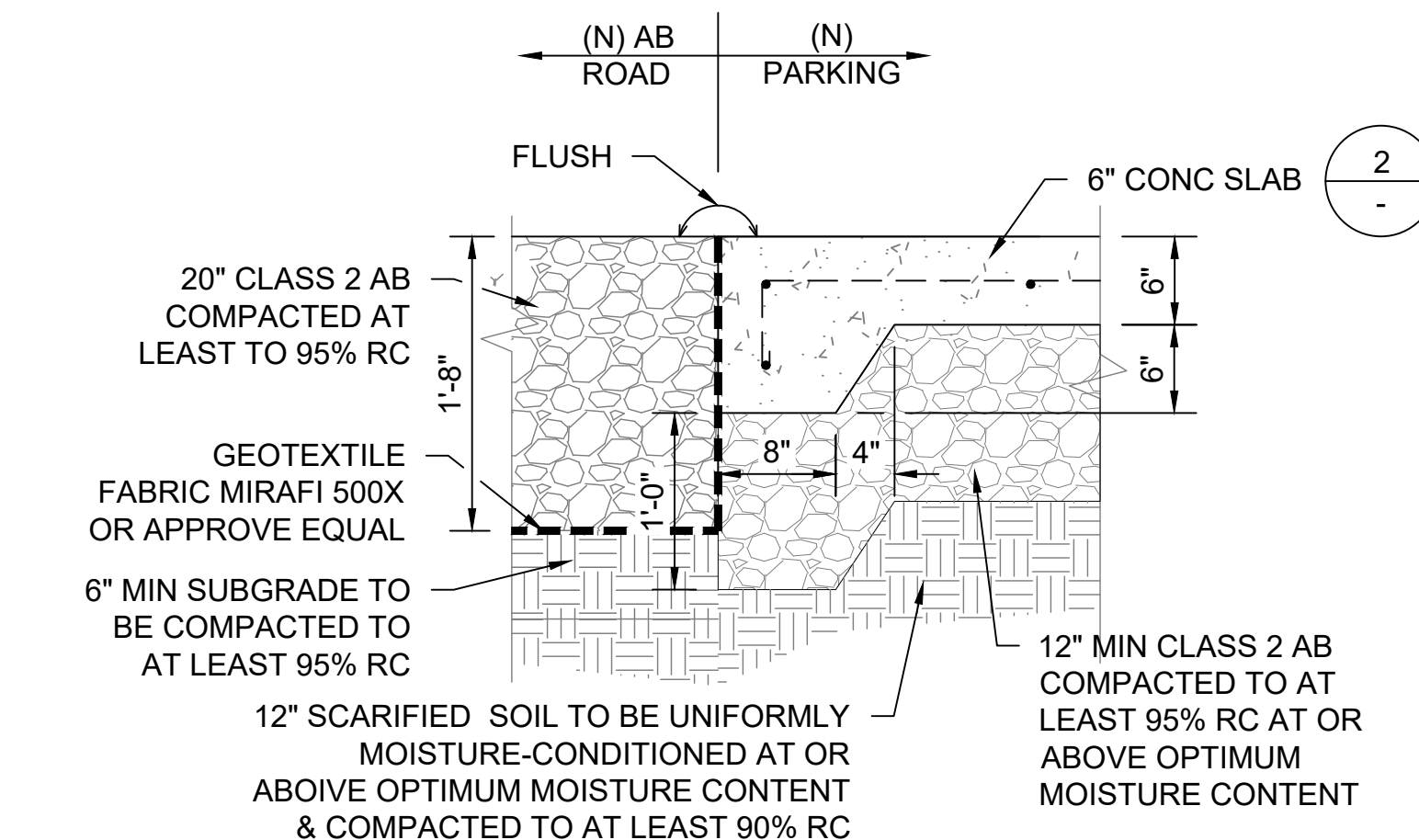


6 AGGREGATE BASE
SCALE@22X34 1" = 1'-0"

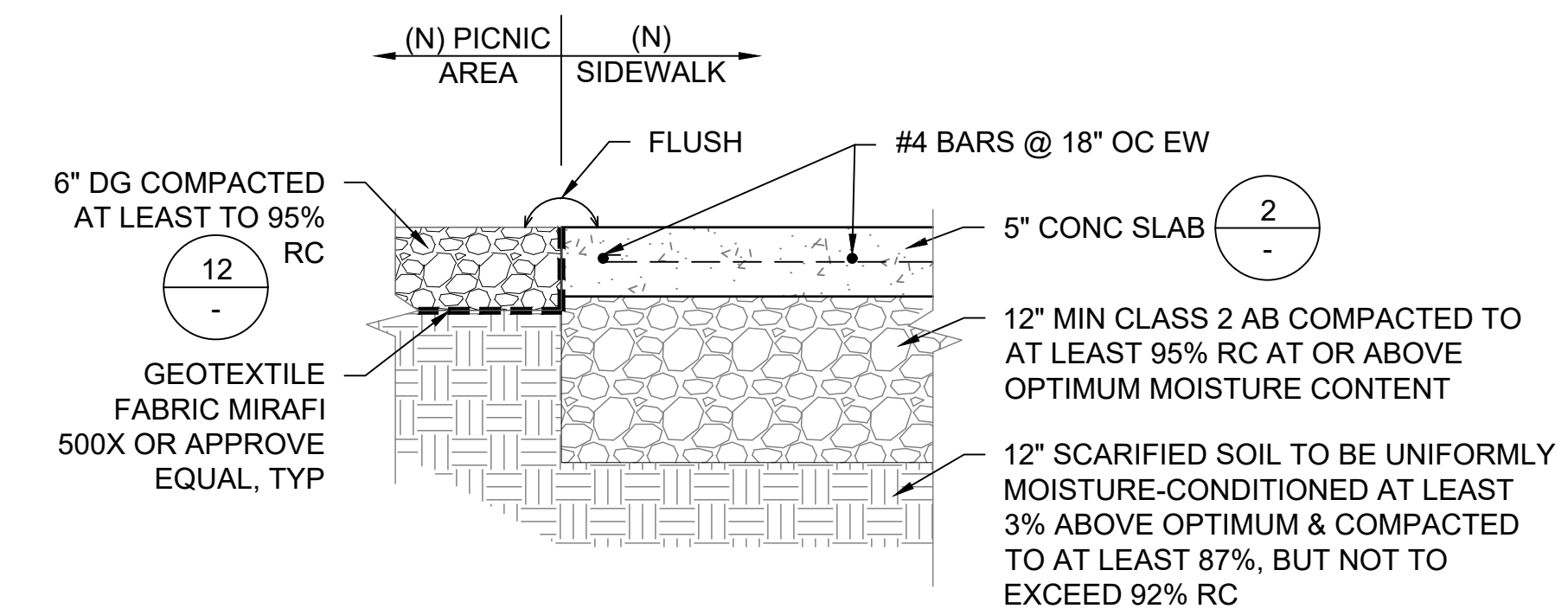
7 CONCRETE CURB RAMP TYPICAL
SCALE@22X34 3/4" = 1'-0"



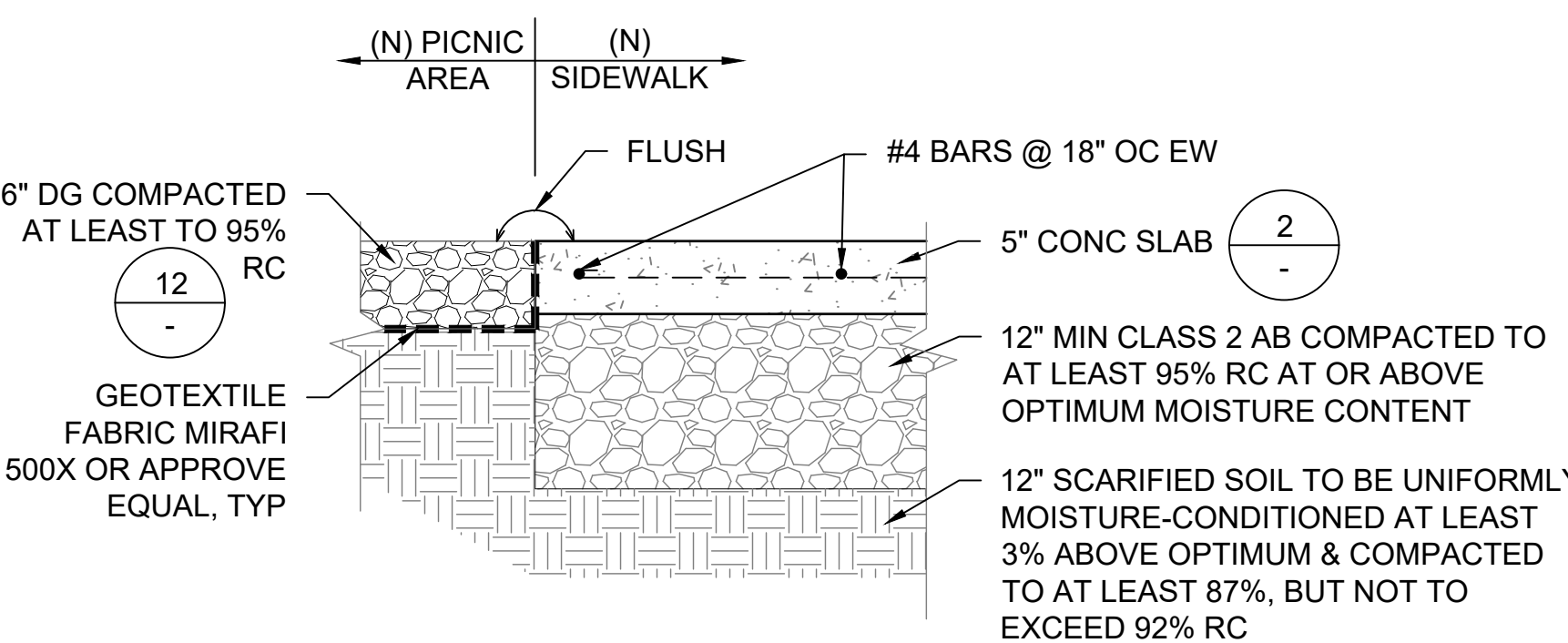
8 (N) CONC SIDEWALK TO (E) CONC PAVING
SCALE@22X34 1" = 1'-0"



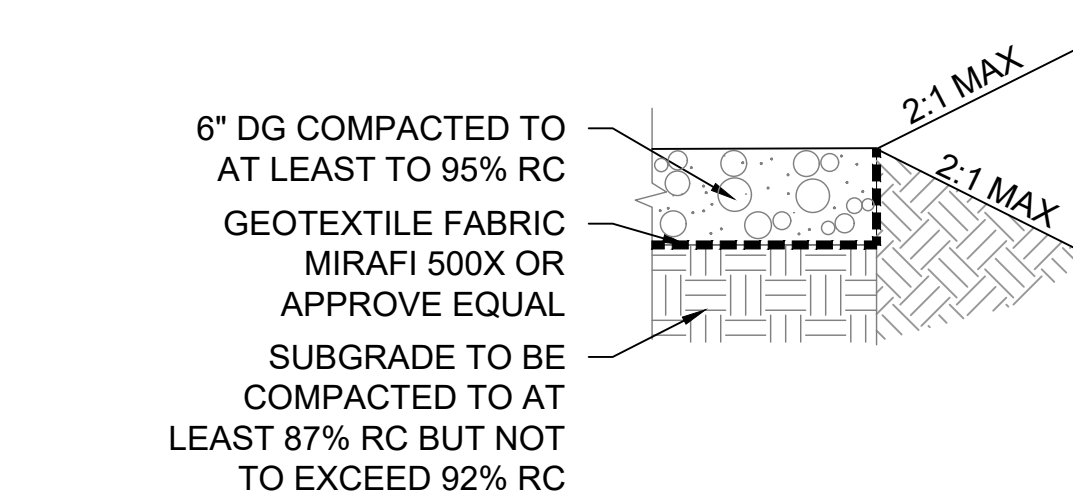
9 (N) CONC PARKING TO (N) AB PAVING
SCALE@22X34 1" = 1'-0"



10 (N) CONC SIDEWALK TO (N) DG PAVING
SCALE@22X34 1" = 1'-0"



10 (N) CONC SIDEWALK TO (N) DG PAVING
SCALE@22X34 1" = 1'-0"



12 DECOMPOSED GRANITE BASE
SCALE@22X34 1" = 1'-0"

TABLE 1		
PARK NAME	T	SUBGRADE
PESCADERO SB - CENTRAL PEASCADERO SB - SOUTH BEAN HOLLOW SB	6" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT OR ABOVE OPTIMUM CONTENT AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION
BURLEIGH H. MURRAY RANCH PESCADERO SB - NORTH ANO NUEVO GAZOS SP	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 2% ABOVE OPTIMUM & COMPACTED TO AT LEAST 90% RC
COWLEY RANCH SB POMONIO SB	12" MIN.	12" SCARIFIED SOIL TO BE UNIFORMLY MOISTURE - CONDITIONED AT LEAST 3% ABOVE OPTIMUM MOISTURE CONTENT & COMPACTED TO AT LEAST 87% BUT NOT EXCEEDING 92% RELATIVE COMPACTION
SAN GREGORIO SB	18" MIN.	

NOTES:

- "T" = THICKNESS OF CLASS 2 AGGREGATE BASE
- INFORMATION FROM GEOCON GEOTECHNICAL REPORT SECTION 6.5.6

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DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
CERTIFICATION #
Reviewed by Date
ACCESSIBILITY COMPLIANCE AND STATE FIRE
MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE
DEPARTMENT OF PARKS AND RECREATION,
NORTHERN SERVICE CENTER

DESIGNED: TL
DRAWN: TL
CHECKED: KR
DATE: MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
SITE PAVING DETAILS

206279.034

SHEET NO.

C-31

034 OF 040



FACILITIES AND DEVELOPMENT DIVISION

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DATE: _____ MAY 2023

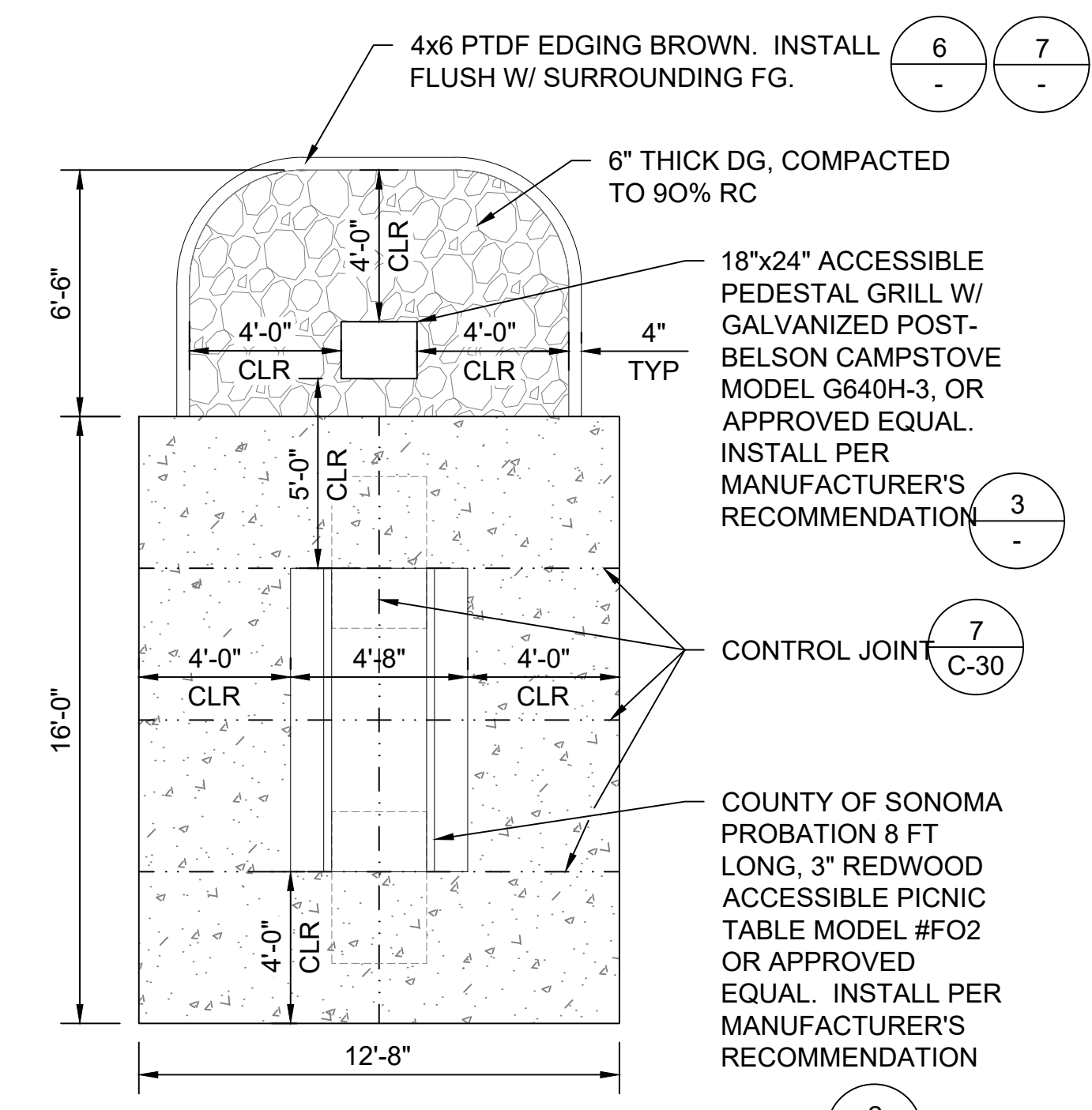
REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
PICNIC SITE DETAILS

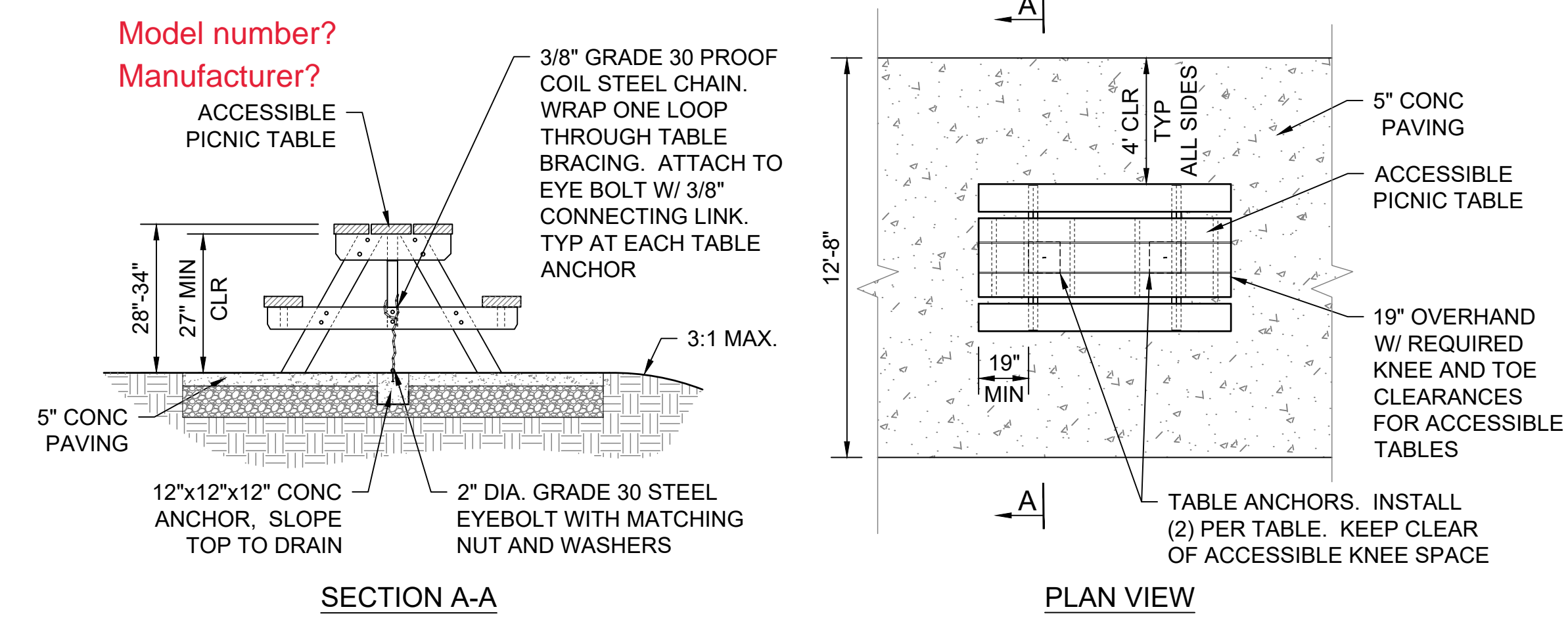
206279.035

SHEET NO.
C-32
035 OF 040

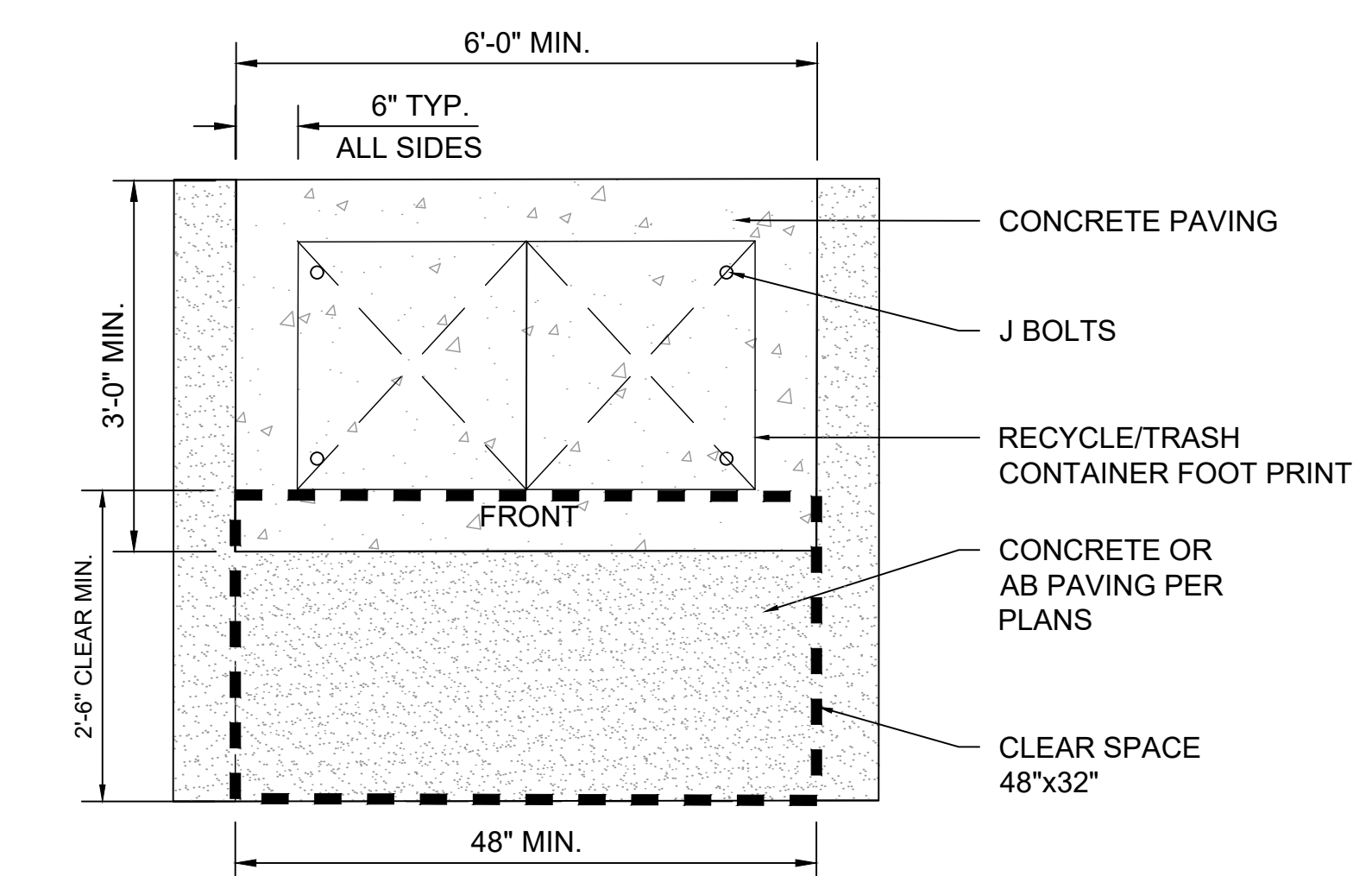
PROJECT MILESTONE: 95% SUBMITTAL



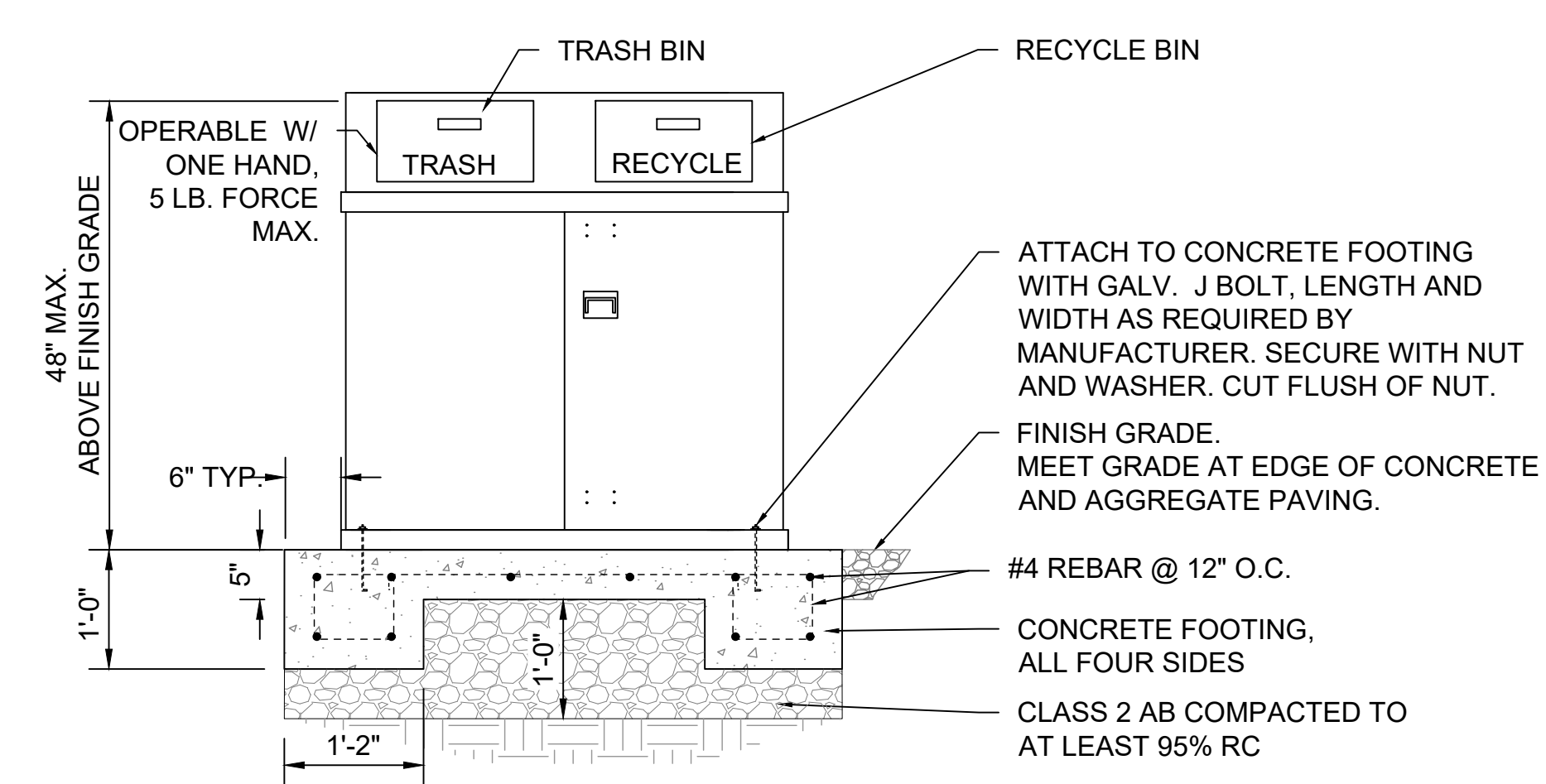
1 PICNIC SITE - TYPICAL
SCALE@22X34 1/4" = 1'-0"



2 ACCESSIBLE PICNIC TABLE
SCALE@22X34 NTS

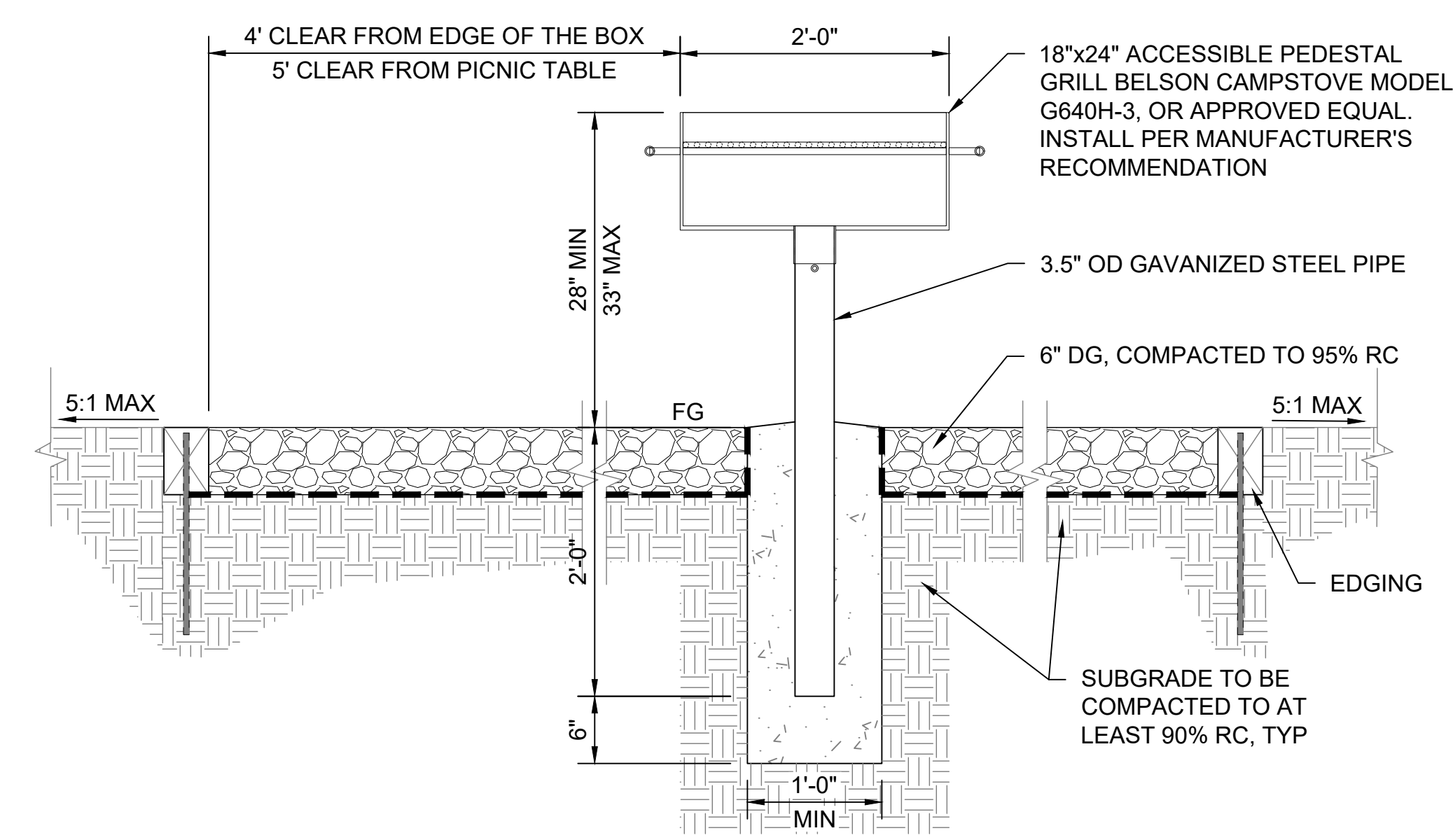


PLAN VIEW

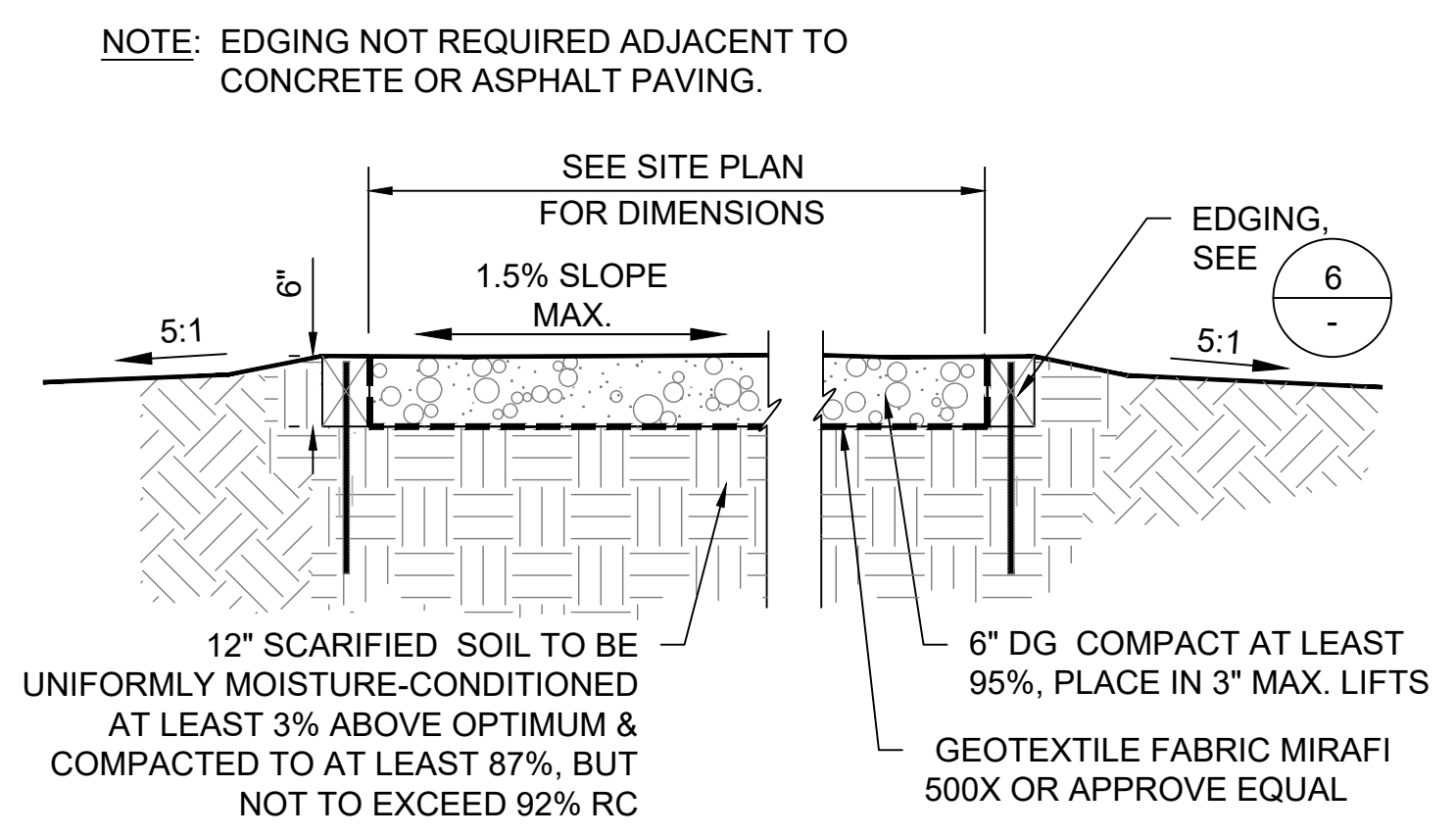


ELEVATION

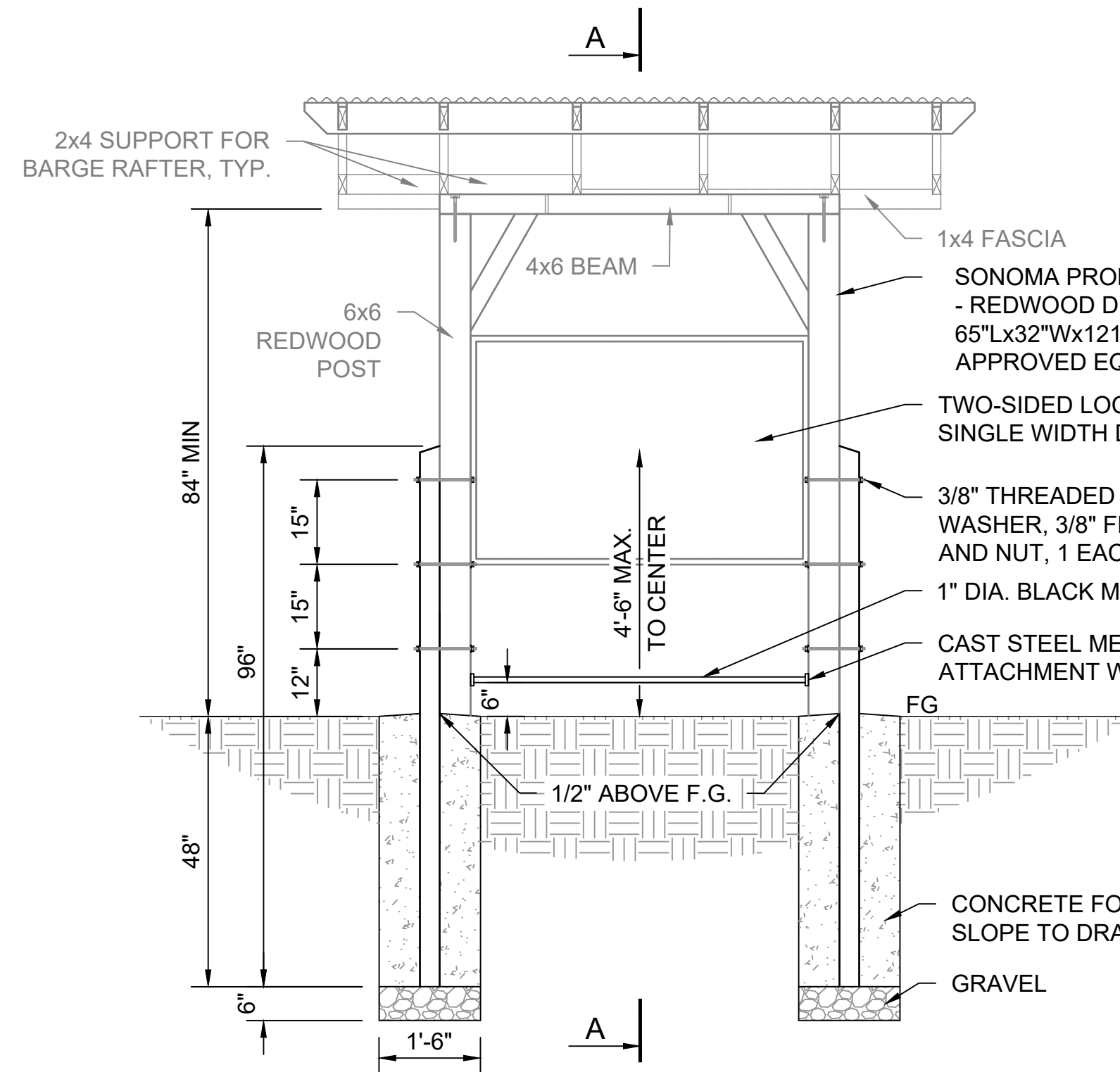
4 TRASH-RECYCLE CONTAINER
SCALE@22X34 3/4" = 1'-0"



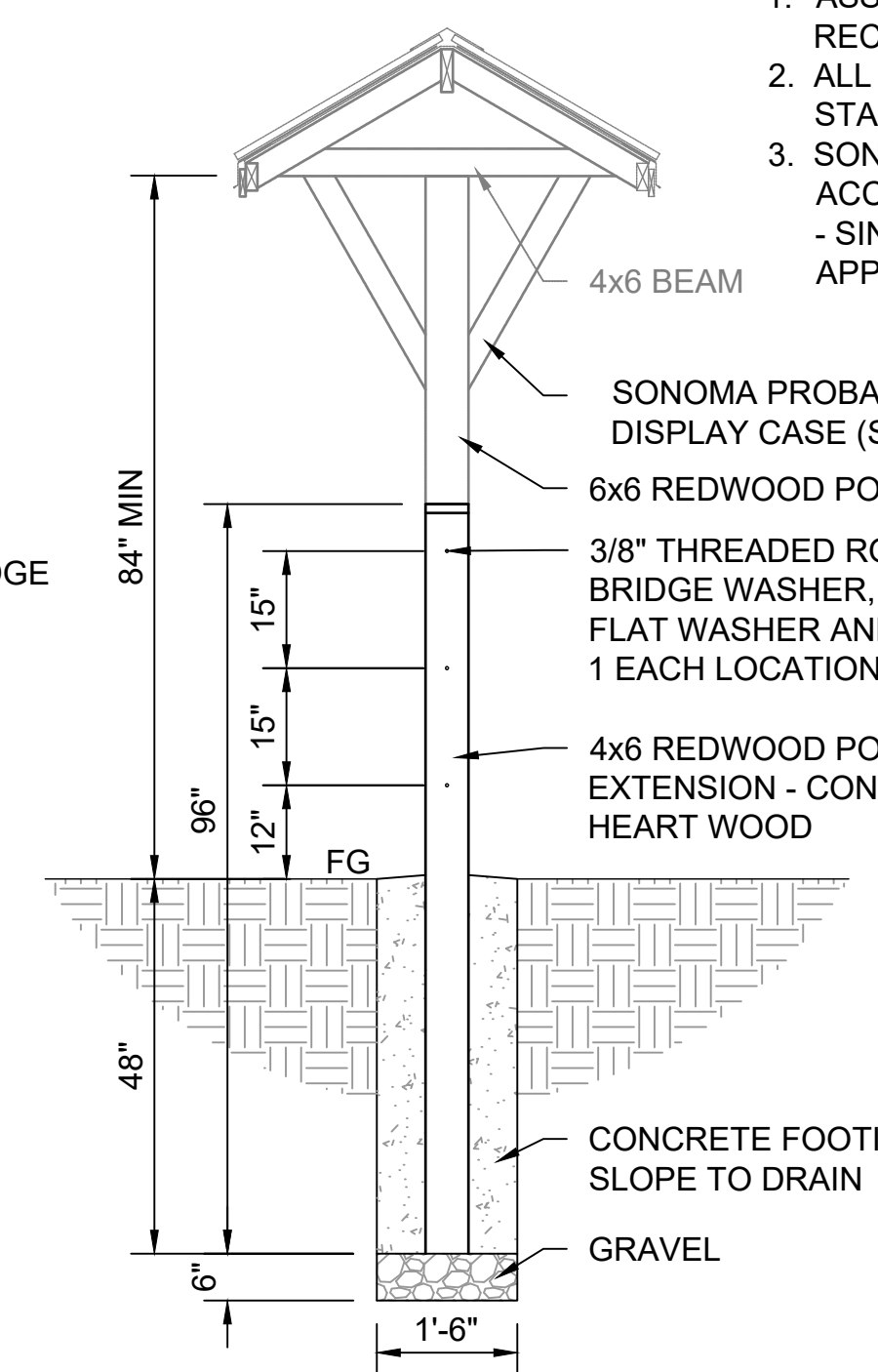
3 ACCESSIBLE SINGLE BBQ
SCALE@22X34 1" = 1'-0"



5 DECOMPOSED GRANITE PATH
SCALE@22X34 3/4" = 1'-0"

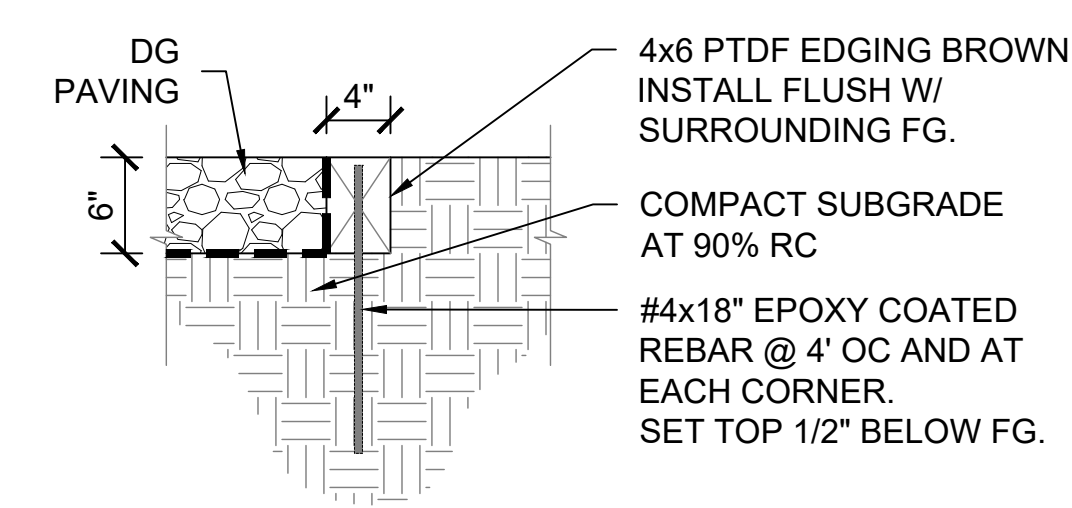


FRONT VIEW

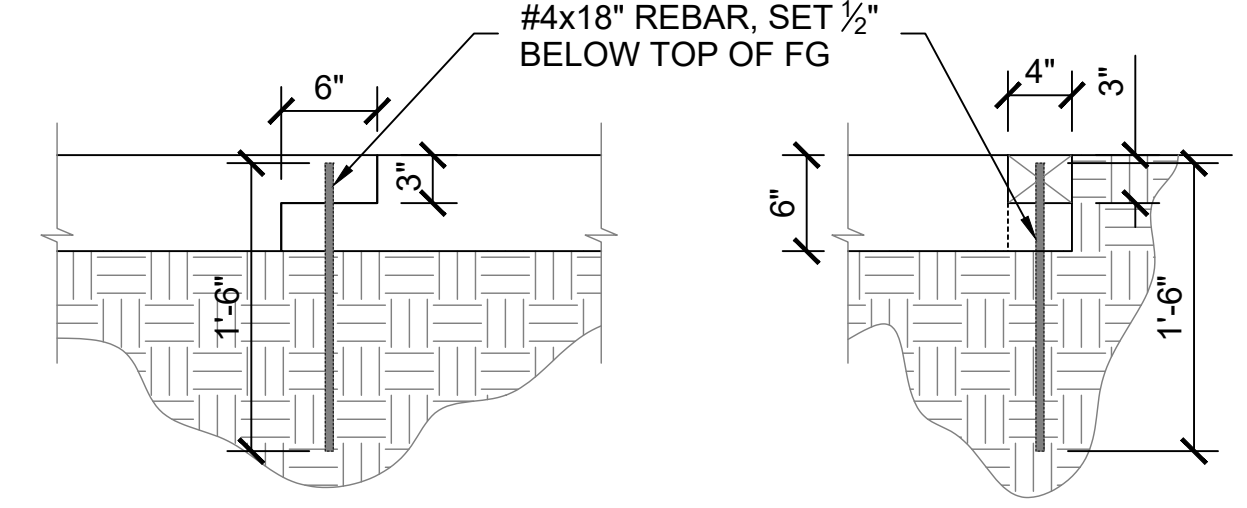


SECTION A-A

- NOTES:
- ASSEMBLE PER MANUFACTURER'S RECOMMENDATIONS
 - ALL FASTENERS TO BE MARINE GRADE STAINLESS STEEL
 - SONOMA PROBATION CAMP - ACCESSIBLE REDWOOD DISPLAY CASE - SINGLE PANEL 65"Lx32"Wx121.5"H OR APPROVED EQUAL



6 EDGING
SCALE@22X34 1" = 1'-0"



7 SLIP JOINT
SCALE@22X34 1" = 1'-0"

8 DISPLAY CASE INSTALLATION
SCALE@22X34 1/2" = 1'-0"

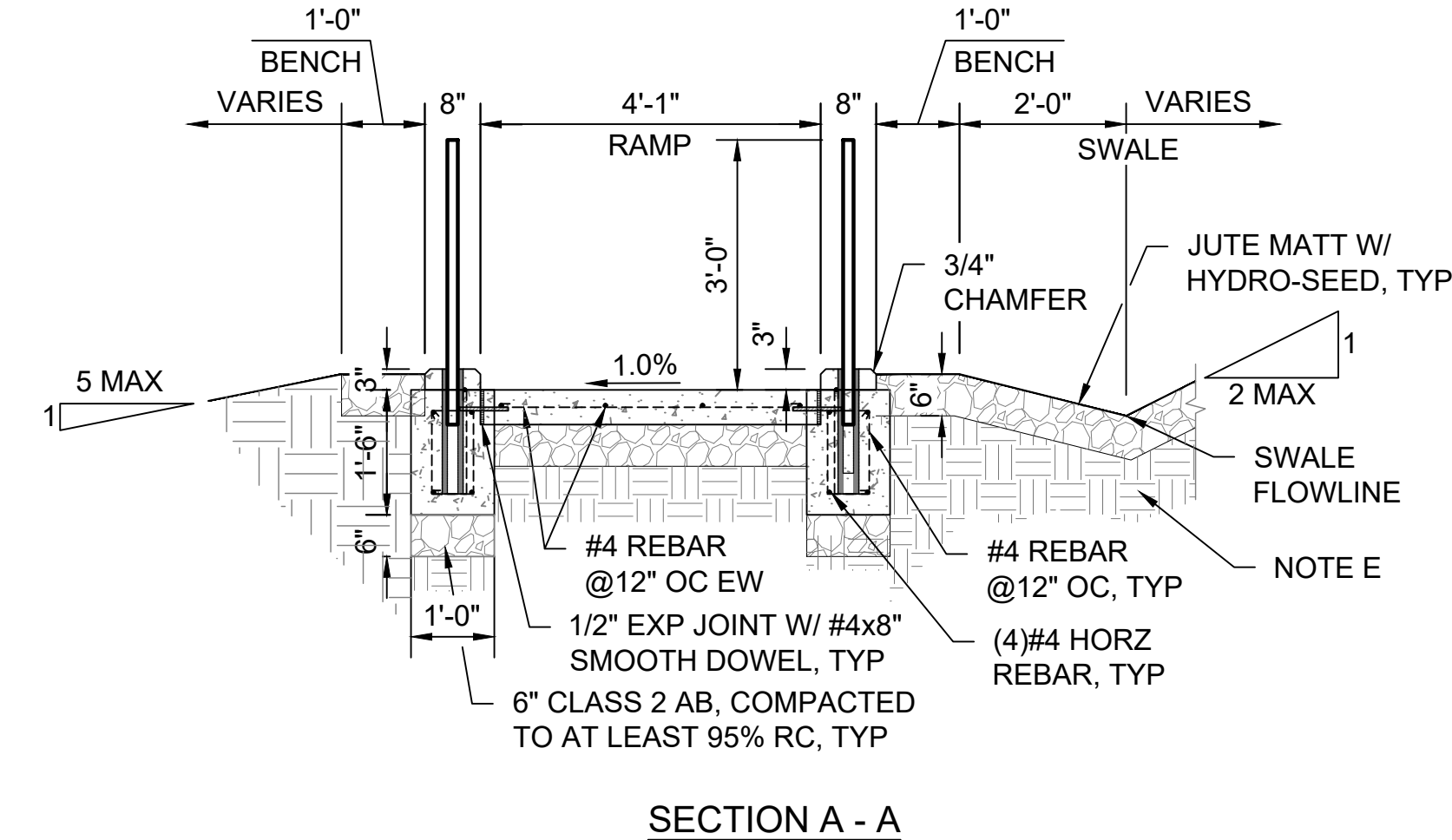
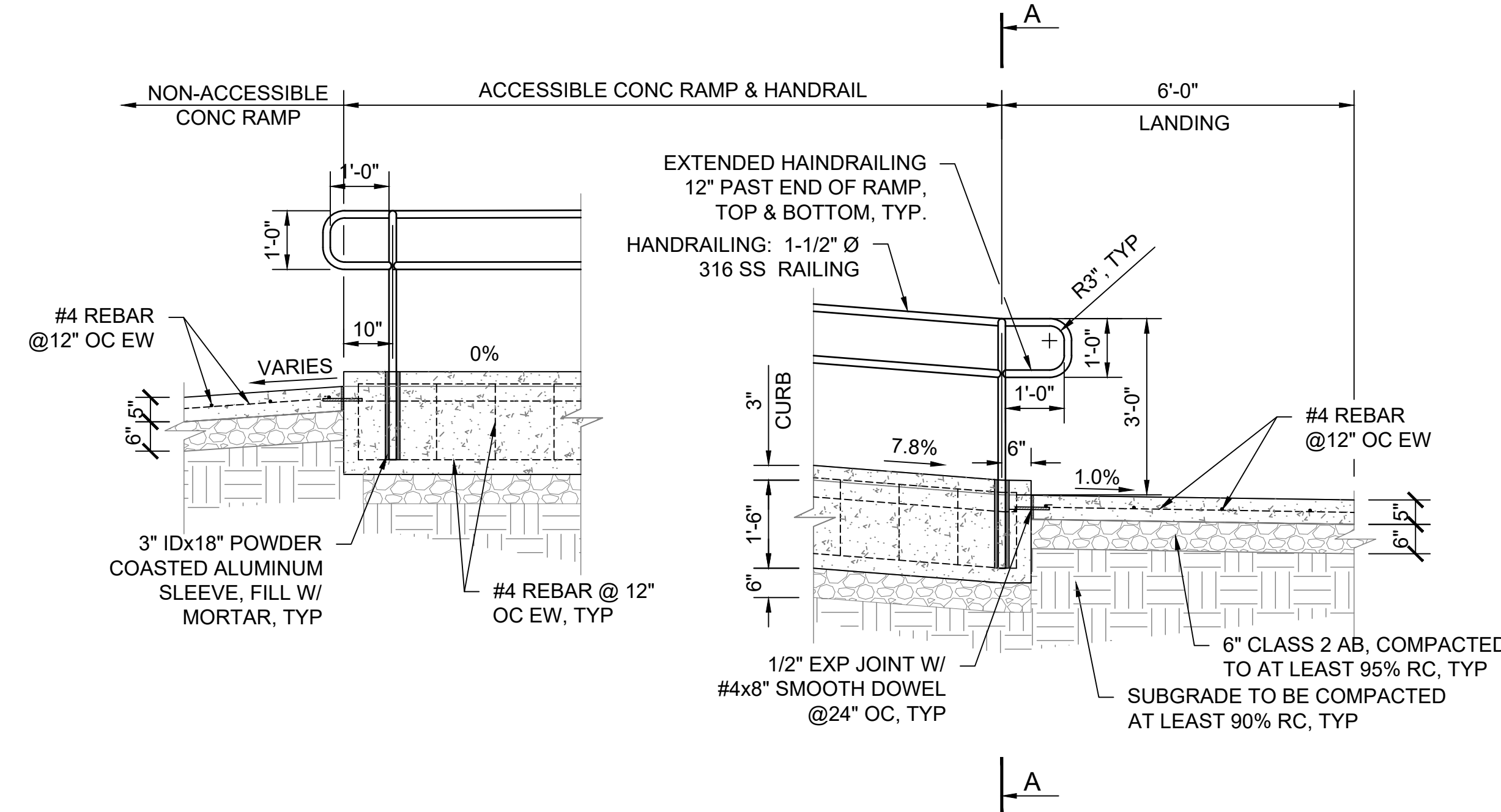
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FACILITIES AND DEVELOPMENT DIVISION

NOTES:

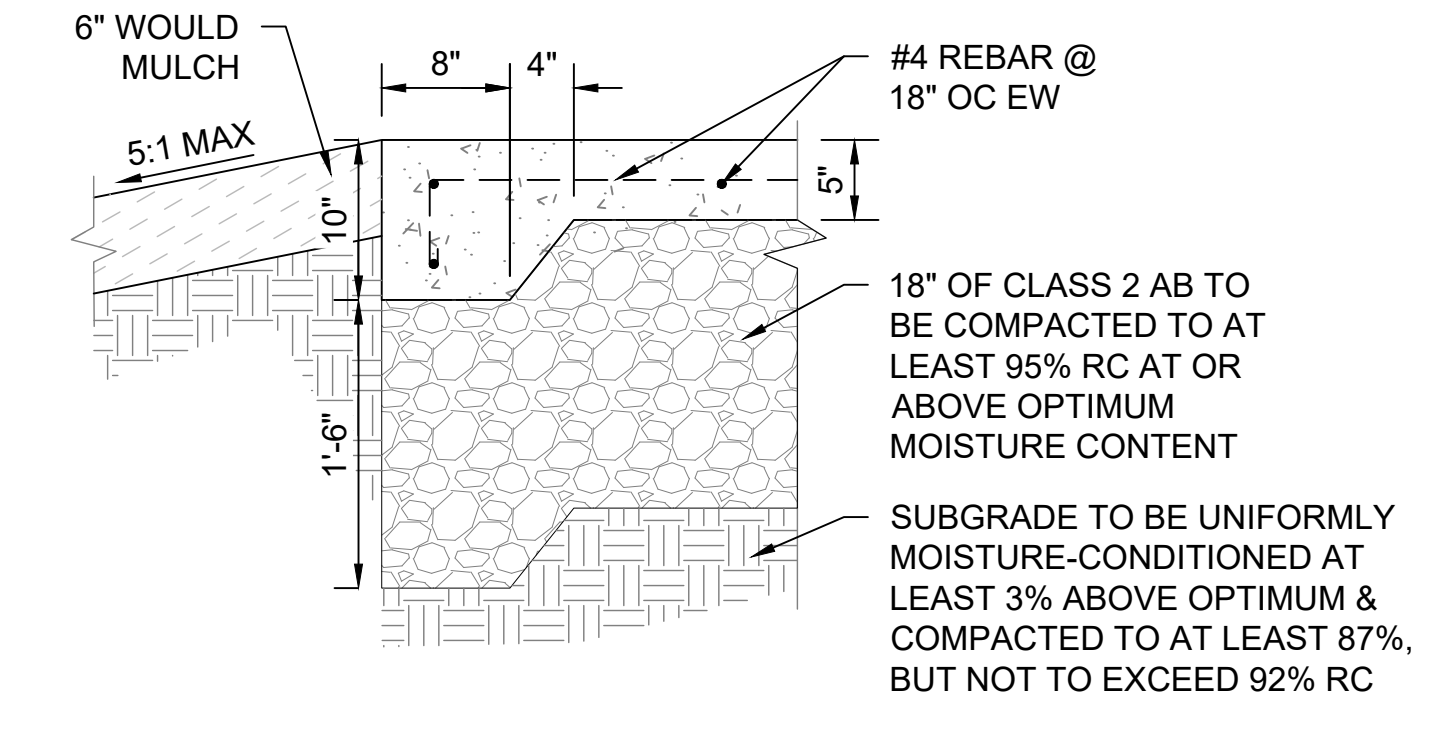
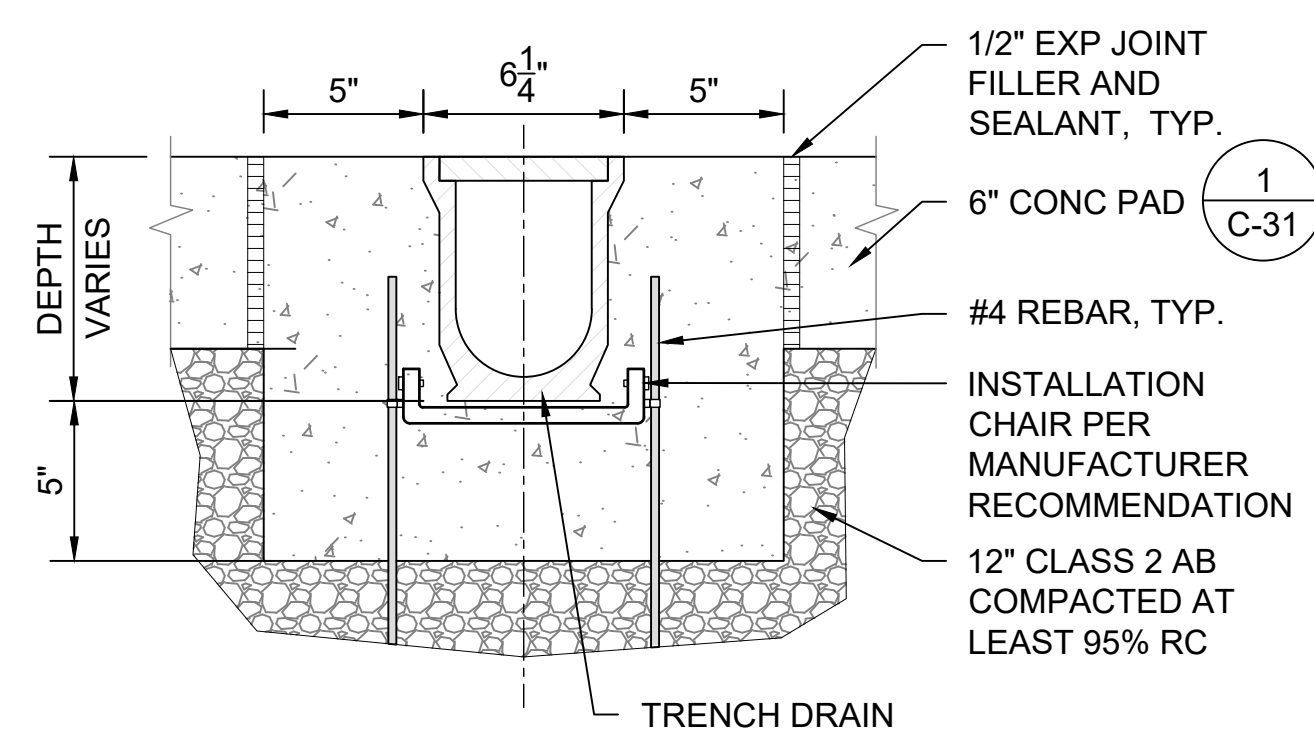
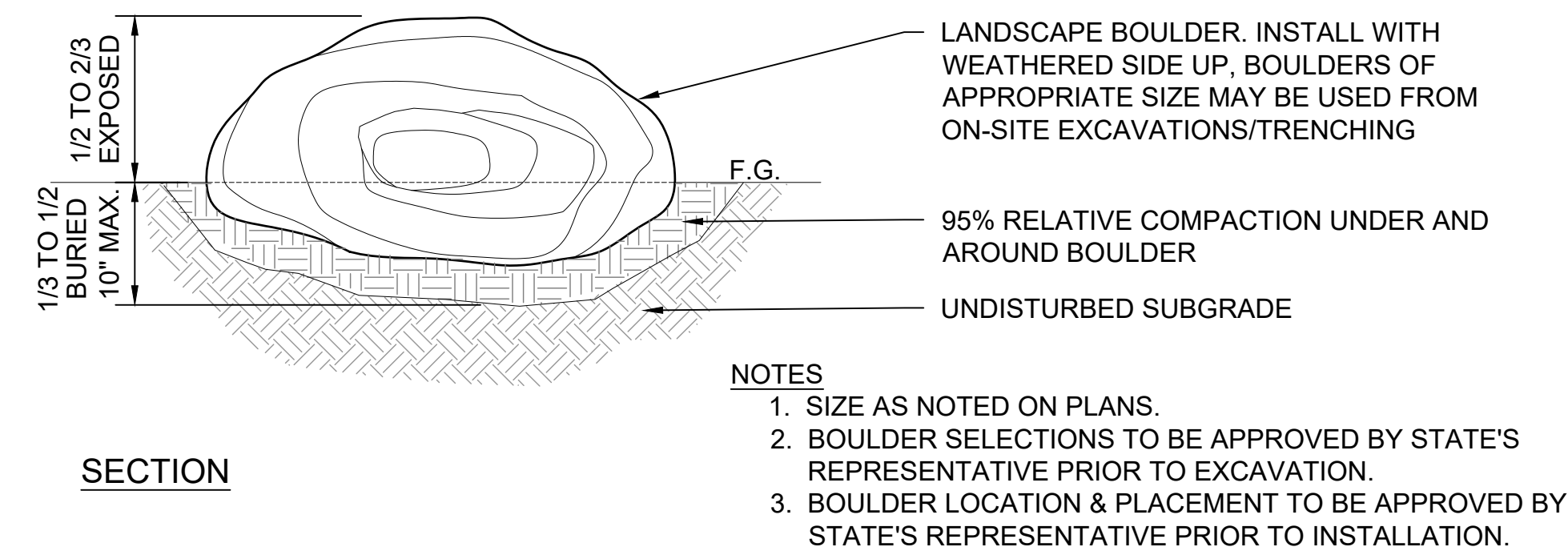
1. CONTRACTOR SHALL SUBMIT CERTIFIED ENGINEER'S SHOP DRAWINGS TO THE STATE REPRESENTATIVE DOCUMENTING LAYOUT AND THAT SPACING BETWEEN POSTS WILL MEET ACCESSIBLE REQUIREMENT OF 250 LBS. OF FORCE IN ANY DIRECTION. SUBMITTAL TO BE APPROVED PRIOR TO FABRICATING RAILS.
2. ALL FASTENERS TO BE STAINLESS STEEL
3. SEE SHEET C-20 & C-21 FOR SLOPE AND LENGTH
4. HANDRAILS TO BE CONTINUOUS AT CORNERS AND TURNING
5. GRIND ALL WELDS SMOOTH & FLUSH



1 HANDRAIL
SCALE@22X34 1/2" = 1'-0"

NOTES:

1. ASSEMBLE PER MANUFACTURER'S RECOMMENDATIONS
2. ALL FASTENERS TO BE STAINLESS STEEL
3. TRENCH DRAIN: POLYCAST 600 SERIES STAINLESS STEEL GRATE WITH EDGING OR APPROVED EQUAL



2 BOULDER INSTALLATION
SCALE@22X34 3/4" = 1'-0"

3 TRENCH DRAIN SECTION
SCALE@22X34 2" = 1'-0"

4 CONCRETE FOOTING ENLARGE
SCALE@22X34 1" = 1'-0"

Note 1 - Size as noted on plans
Plans call out detail. Size A and B are not defined

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CERTIFICATION #	
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DESIGNED:	TL
DRAWN:	TL
CHECKED:	KR
DATE:	MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
SITE DETAILS

206279.036

SHEET NO.
C-33
036 OF 040

File: Q:\santa_cruz_districtwide\206279-san_mateo_coast_rr_replace\05_drawings\Civil\C-33 SITE DETAILS.dwg Layout: C-33 SITE DETAILS Date: May 19 2023 4:02 pm User: ile



FACILITIES AND DEVELOPMENT DIVISION

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NORTHERN SERVICE CENTER

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DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

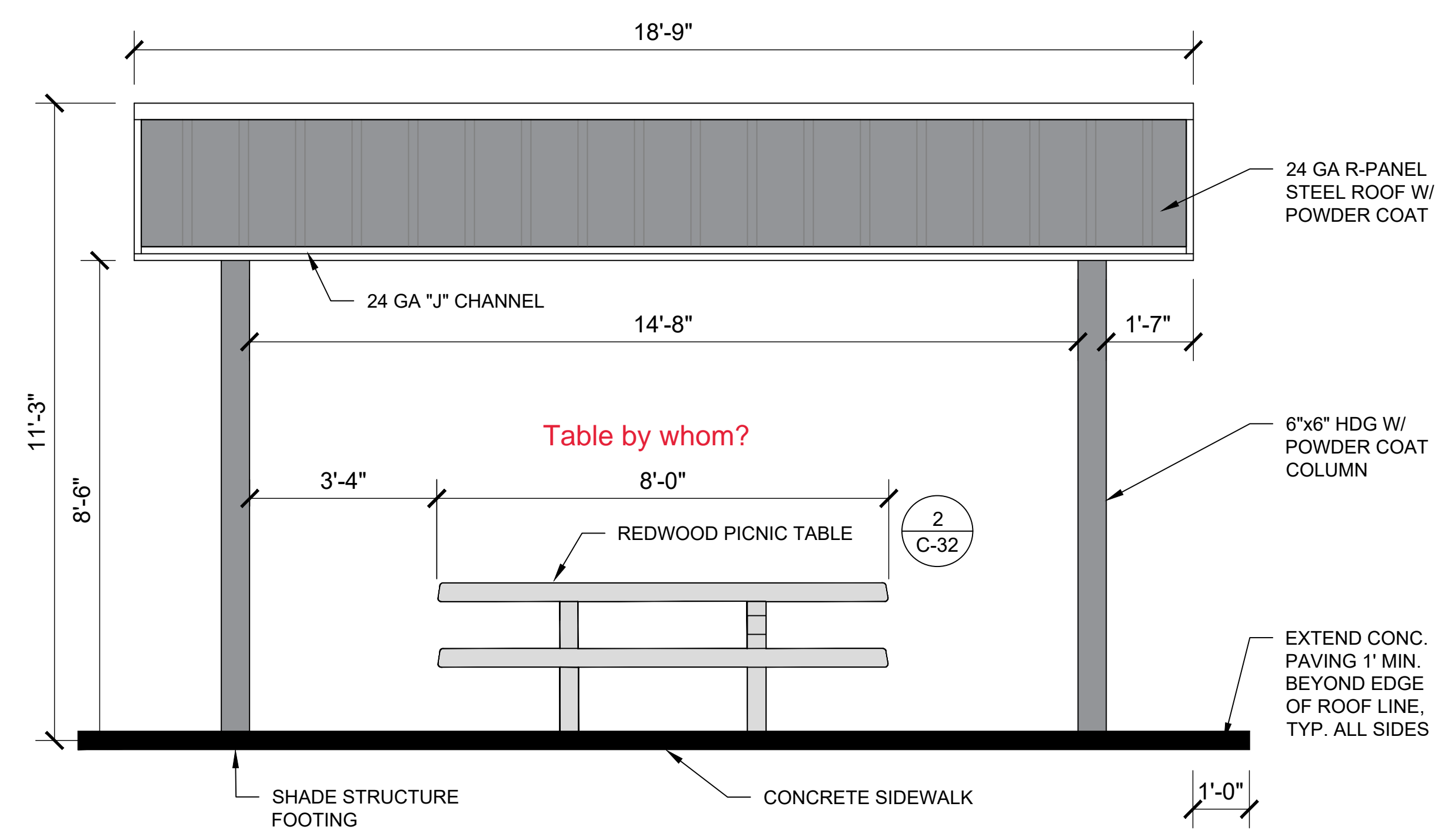
SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
**SHADE STRUCTURE & SECURITY
GATE DETAILS**

206279.037

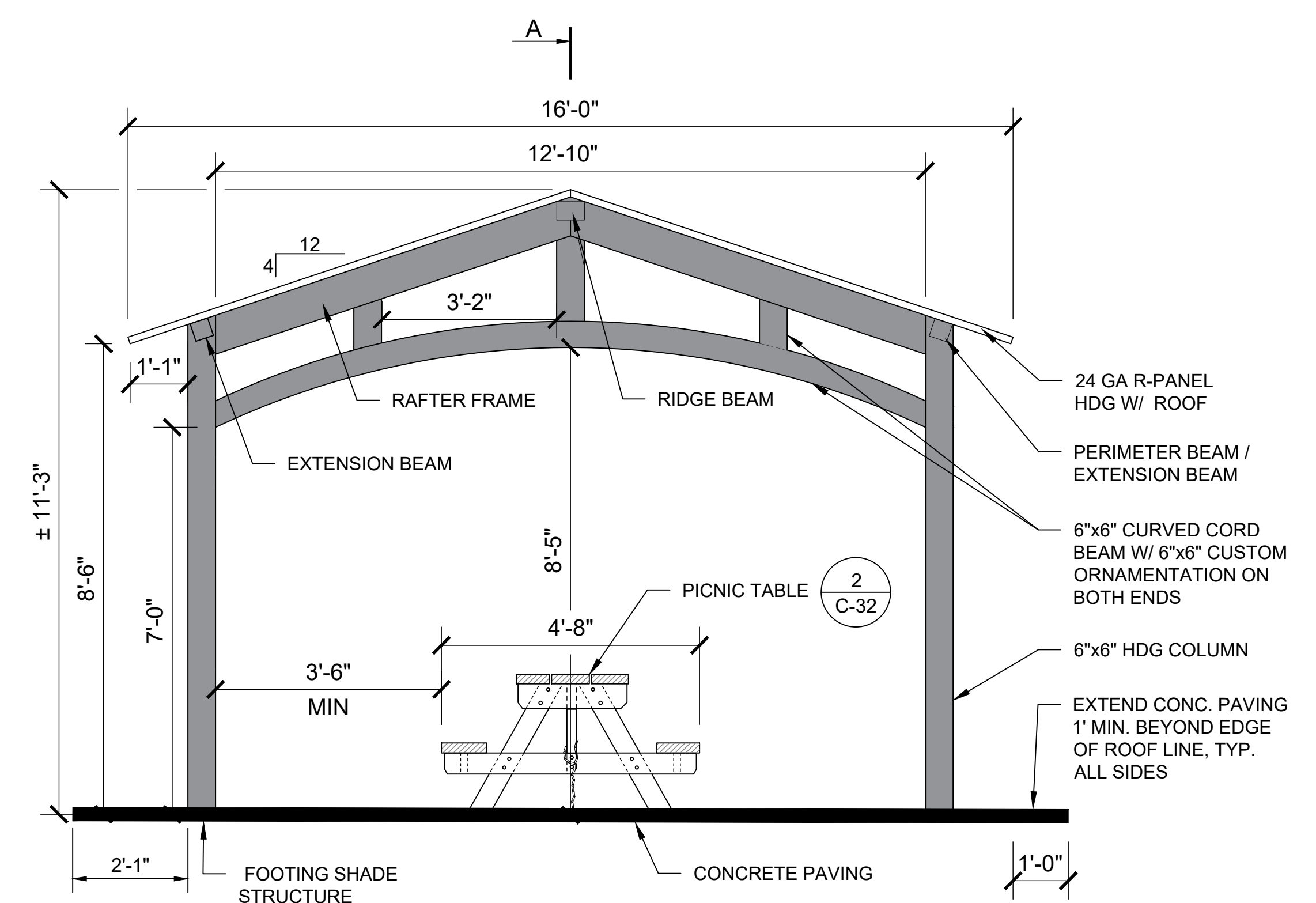
SHEET NO.
C-34
037 OF 040

NOTES:

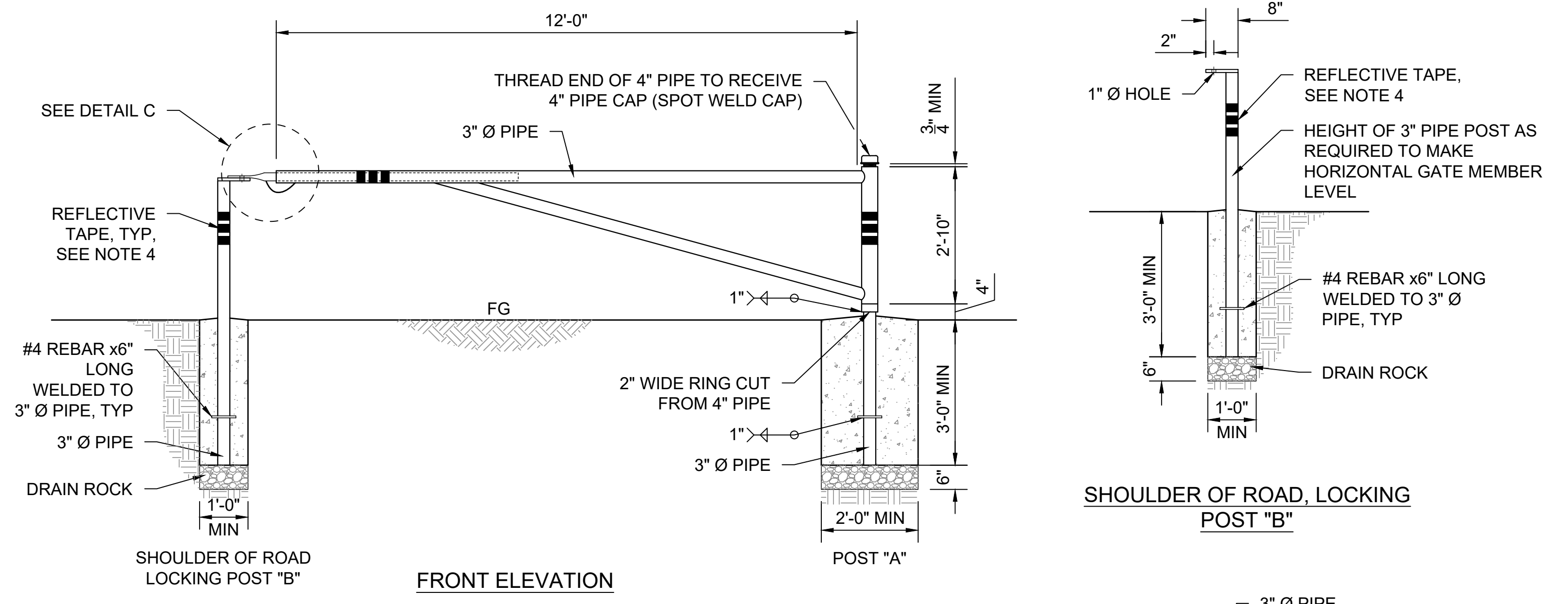
- SHADE STRUCTURE SHALL MATCH CLASSIC RECREATION, ORLANDO MODEL, OR APPROVED EQUAL. ASSEMBLE PER MANUFACTURER'S RECOMMENDATIONS.
- ACTUAL DIMENSION OF OVERALL SHELTER MAY VARY DEPENDING ON MANUFACTURER. DIMENSIONS FOR CLEARANCES TO POSTS AND ROOF STRUCTURE SHALL BE ADHERED TO. FINAL SIZE REQUIRES STATE APPROVAL PRIOR TO FABRICATION.
- SHELTER ITEMS TO BE POWDER COAT AND HOT DIP GALVANIZE. ALL FASTENERS TO BE STAINLESS STEEL. COLORS TO BE SELECTED BY STATE REPRESENTATIVE FROM MANUFACTURER'S STANDARD COLOR SELECTION PRIOR TO FABRICATION. ROOF TO BE DARK BROWN. FRAME TO BE LIGHT BROWN.
- CONTRACTOR SHALL SUBMIT SHOP DRAWING FOOTING AND CALCULATIONS STAMPED BY LICENSED CALIFORNIA ENGINEER.



SECTION A - A

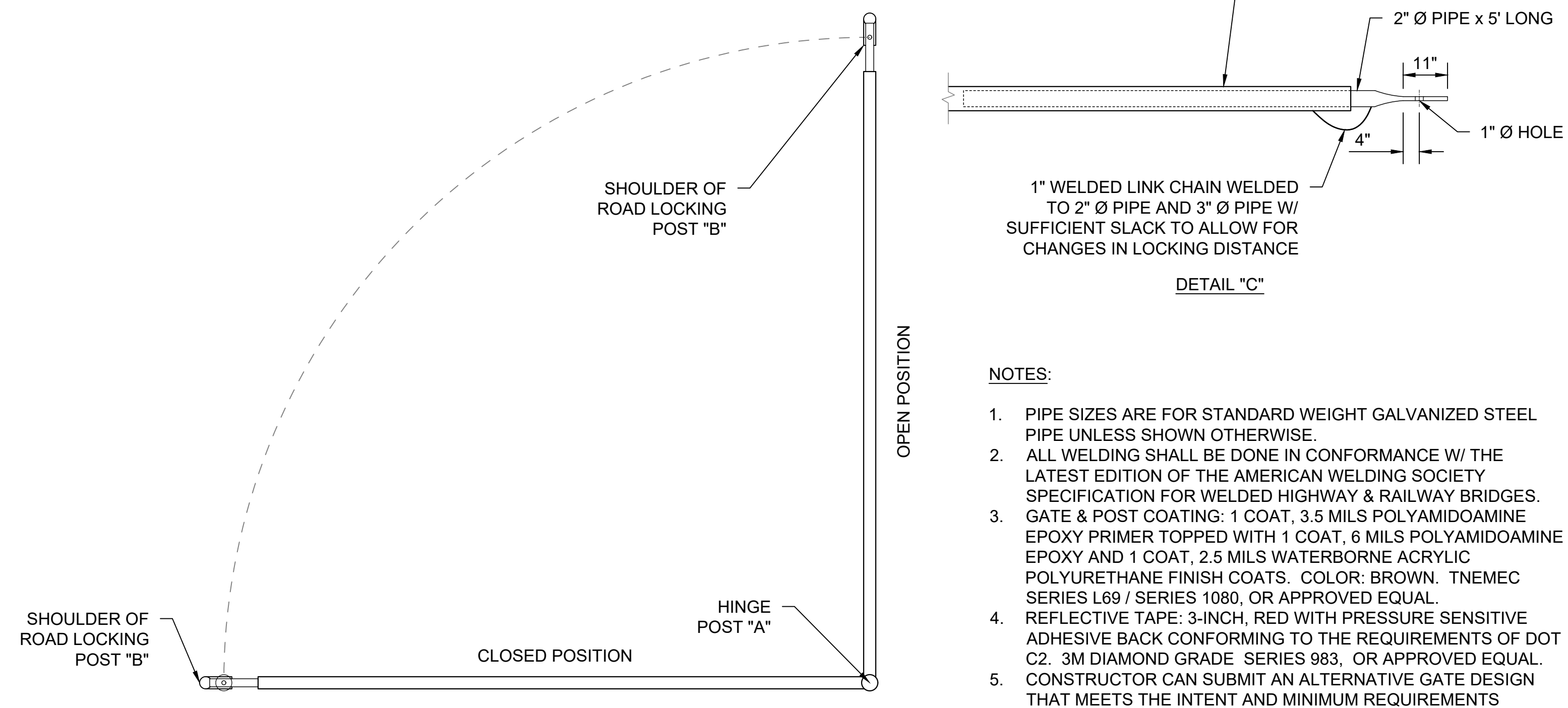


FRONT VIEW

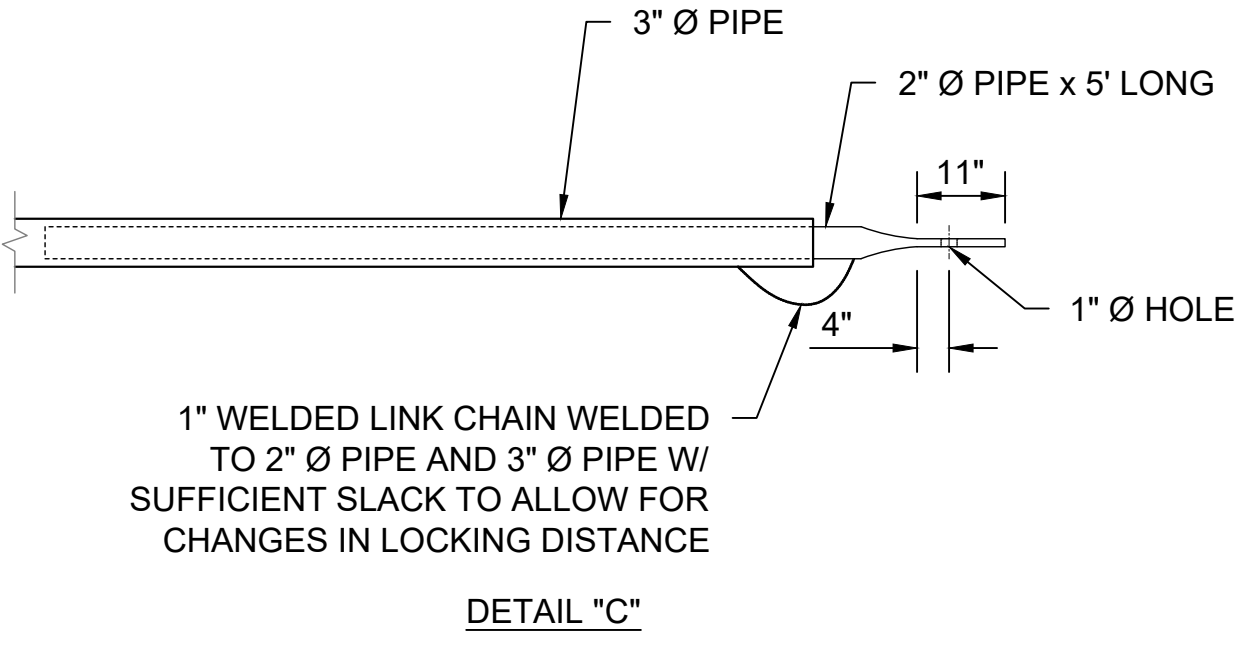


FRONT ELEVATION

SHOULDER OF ROAD, LOCKING POST "B"



PLAN VIEW



DETAIL "C"

NOTES:

- PIPE SIZES ARE FOR STANDARD WEIGHT GALVANIZED STEEL PIPE UNLESS SHOWN OTHERWISE.
- ALL WELDING SHALL BE DONE IN CONFORMANCE W/ THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY SPECIFICATION FOR WELDED HIGHWAY & RAILWAY BRIDGES.
- GATE & POST COATING: 1 COAT, 3.5 MILS POLYAMIDOAMINE EPOXY PRIMER TOPPED WITH 1 COAT, 6 MILS POLYAMIDOAMINE EPOXY AND 1 COAT, 2.5 MILS WATERBORNE ACRYLIC POLYURETHANE FINISH COATS. COLOR: BROWN. TNEMEC SERIES L69 / SERIES 1080, OR APPROVED EQUAL.
- REFLECTIVE TAPE: 3-INCH, RED WITH PRESSURE SENSITIVE ADHESIVE BACK CONFORMING TO THE REQUIREMENTS OF DOT C2. 3M DIAMOND GRADE SERIES 983, OR APPROVED EQUAL. CONSTRUCTOR CAN SUBMIT AN ALTERNATIVE GATE DESIGN THAT MEETS THE INTENT AND MINIMUM REQUIREMENTS SHOWN.

2 PIPE GATE
SCALE@22X34 1/2" = 1'-0"

1 PICNIC SHADE STRUCTURE
SCALE@22X34 1/2" = 1'-0"

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_tr_replacement\05_drawings\Civil\C-34 SHADE STRUCTURE & SECURITY GATE DETAILS.dwg Layout: C-34 SHADE STRUCTURE & SECURITY GATE DETAILS Date: May 19 2023 - 4:25 pm User: lle



FACILITIES AND DEVELOPMENT DIVISION

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NORTHERN SERVICE CENTER

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DRAWN: _____ TL
CHECKED: _____ MP
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
PRECAST SINGLE VAULT
RESTROOM BUILDING

206279.038

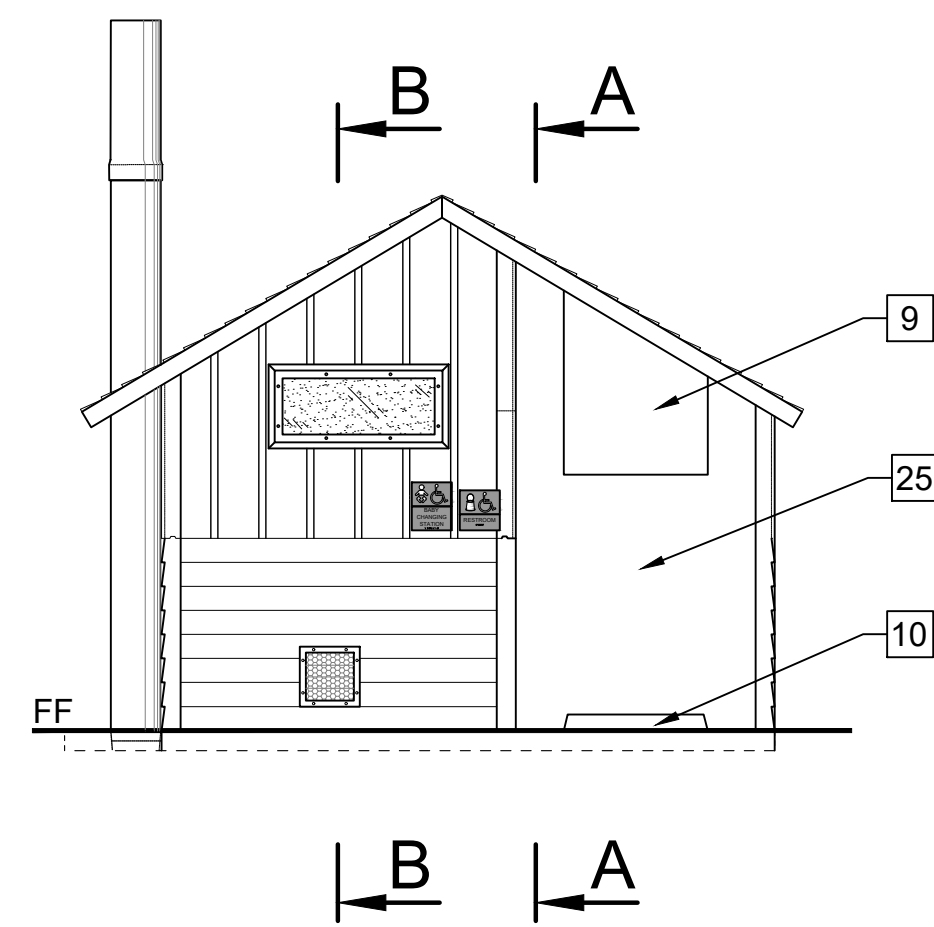
SHEET NO.
C-35
038 OF 040

KEYNOTES:

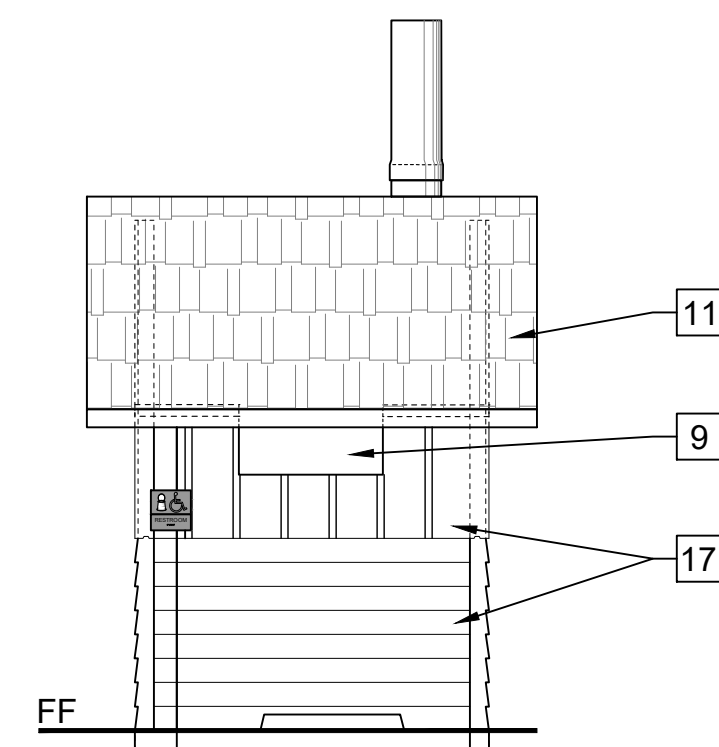
- 1 RISER
- 2 "L" SHAPED 1-1/2" SS GRAB BARS, 250LB POINT LOAD MIN. CAPACITY
- 3 SS TOILET PAPER DISPENSER, (3) ROLL BAR WITH LOCK
- 4 EDGE OF ROOF LINE ABOVE
- 5 VAULT VENTILATOR TUBE
- 6 VAULT ACCESS SCUTTLE DOOR
- 7 VAULT TANK BELOW GRADE
- 8 VAULT FOUNDATION: 12" MIN. THICK LEVELING COURSE OF 1-1/2" ANGULAR CRUSHED ROCK CONSOLIDATE W/ VIBROPLATE COMPACTOR ABOVE GEOTEXTILE FILTER FABRIC (MIRAFI 140N OR EQUAL), REFER TO GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION
- 9 OPENING THROUGH PANEL
- 10 OPENING THROUGH SCUPPER
- 11 SIMULATED STANDING CEDAR SHAKE TEXTURE CONCRETE ROOF PATTERN, COLOR GRANITE ROCK, 2K ANTI-GRAFFITI COATING
- 12 CONCRETE BUILDING SLAB BY MANUFACTURE OF PRE-CAST BUILDING, COORDINATE ELEVATION WITH CONCRETE WALK FOR ACCESSIBLE ENTRANCE PER GRADING SHEET C-2, C-4
- 13 3'-0"x6'-8" FIBERGLASS DB LVR DOOR AND FRAMESET, TOP PAINTED WITH DTM ALKYD
- 14 TOILET SIGNAGE ON SHEET RESTROOM DETAILS
- 15 SIGN TO READ: "DO NOT PUT TRASH IN TOILET"
- 16 SS WALL VENT
- 17 BOARD & BATT TEXTURE UPPER WITH HORIZONTAL LAP LOWER TEXTURE WALLS, COLOR SAND BEIGE. 2K ANTI-GRAFFITI COATING ON ALL FINISHED SURFACES.
- 18 SS DOOR LOUVER
- 19 SET BUILDING SLAB FLUSH, LEVEL AND W/ SMOOTH TRANSITION AT CONCRETE SIDEWALK IN AREA IN FRONT OF ENTRANCE TO THE RESTROOM, COORDINATE W/ GRADING SHEET PER EACH LOCATION
- 20 TRANSLUCENT LEXAN WINDOW GLAZING WITH STEEL FRAME
- 21 BABY CHANGING TABLE: MODEL 100-EH-BP HORIZONTAL DIAPER CHANGING STATION WITH EZ MOUNT BACKER PLATE OR APPROVE EQUAL, TABLE WIDTH SHALL NOT EXCEED 18".
- 22 ACCESSIBLE MANEUVERING AREAS - CIRCLE: 60" Ø & RECTANGLE: 56"W x 60"D
- 23 SS DOUBLE COAT HOOK
- 24 PAINT
- 25 DOOR STOP

GENERAL NOTES:

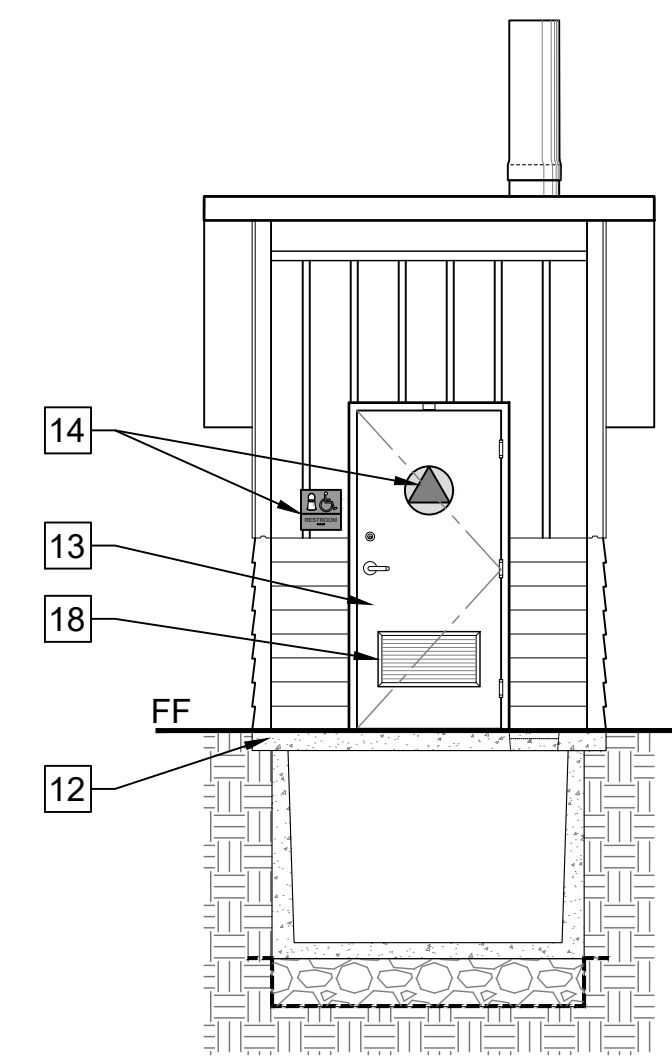
1. THE FLOOR PLAN IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL INCLUDING MANUFACTURER'S PLANS, ELEVATIONS, SECTIONS AND DETAILS. SHOP DRAWINGS SHALL BE STAMPED AND SIGNED BY A DESIGN PROFESSIONAL LICENSED IN THE STATE OF CALIFORNIA.
2. RESTROOMS SHALL BE PRECAST CONCRETE TOILET MODULARS THAT PROVIDE A FULLY INTEGRAL, OPERATIONAL BUILDING. SEE SPECIFICATIONS FOR DEFERRED SUBMITTAL REQUIREMENTS.
3. BASIS OF DESIGN: THE FLOOR PLAN, ROOF PLAN, AND ELEVATIONS ARE BASED, IN GENERAL, ON THE CXT PRECAST PRODUCT, A MODIFICATION OF THE MODEL SINGLE CASCADIAN RIGHT HAND STANDARD BUILDING. EQUIVALENT PRODUCTS FROM OTHER MANUFACTURER'S REVIEWED BY CALIFORNIA DEPARTMENT OF PARKS AND RECREATION, ACQUISITION AND DEVELOPMENT DIVISION, MAY BE SUBSTITUTED IN ACCORDANCE WITH PROVISIONS OF THE CONTRACT.
4. ALL DIMENSIONS SHOWN ARE MINIMUM REQUIRED DIMENSIONS. REFER TO SHEET C-37 FOR ACCESSIBLE REQUIREMENTS.
5. UPPER 12" OF SUBGRADE SOIL TO BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION PER SECTION 6.5.6 GEOCON GEOTECHNICAL REPORT, REFER TO TABLE 1 ON C-31.



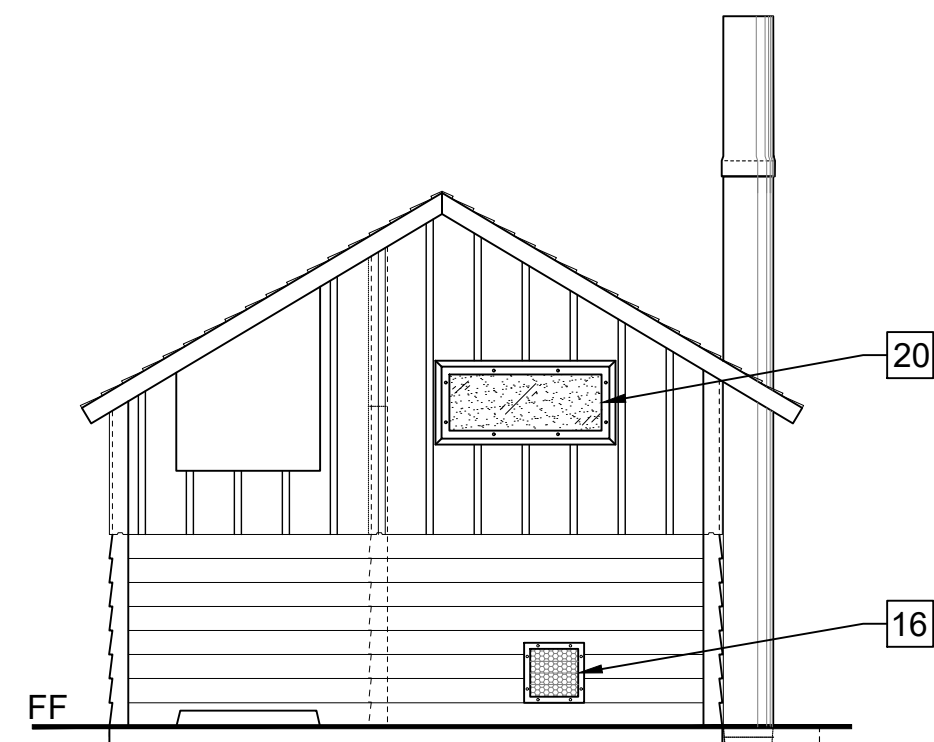
1 FRONT ELEVATION
SCALE@24X36 1/4" = 1'-0"



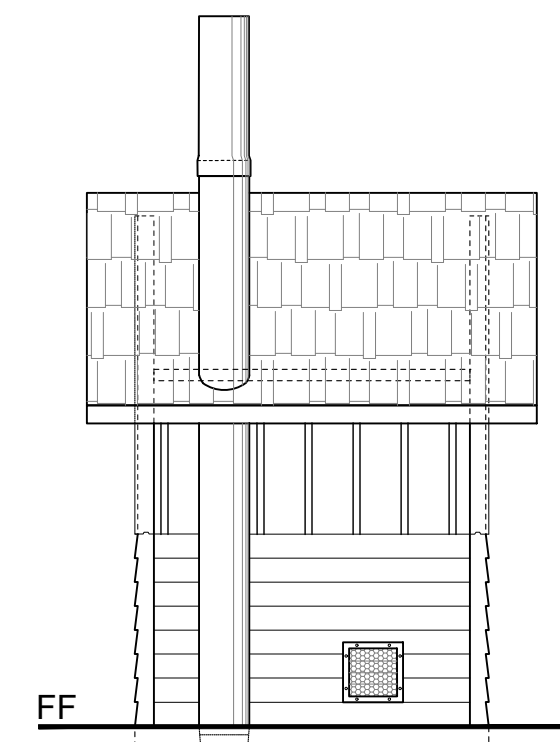
3 RIGHT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



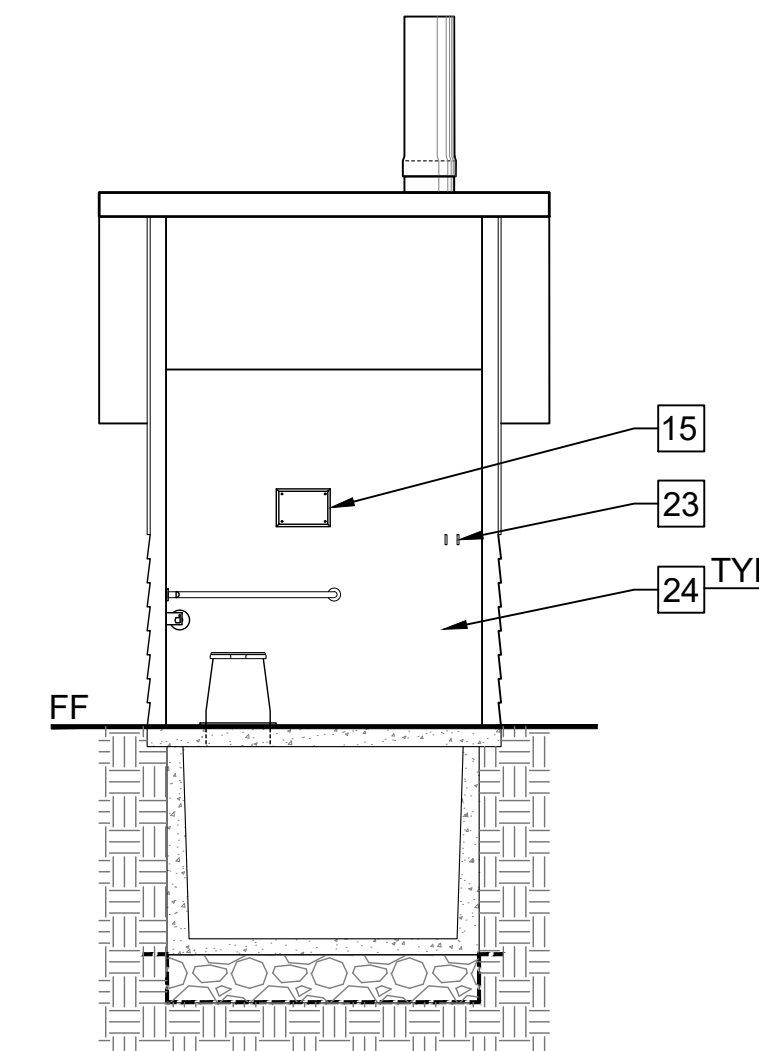
5 SECTION A-A
SCALE@24X36 1/4" = 1'-0"



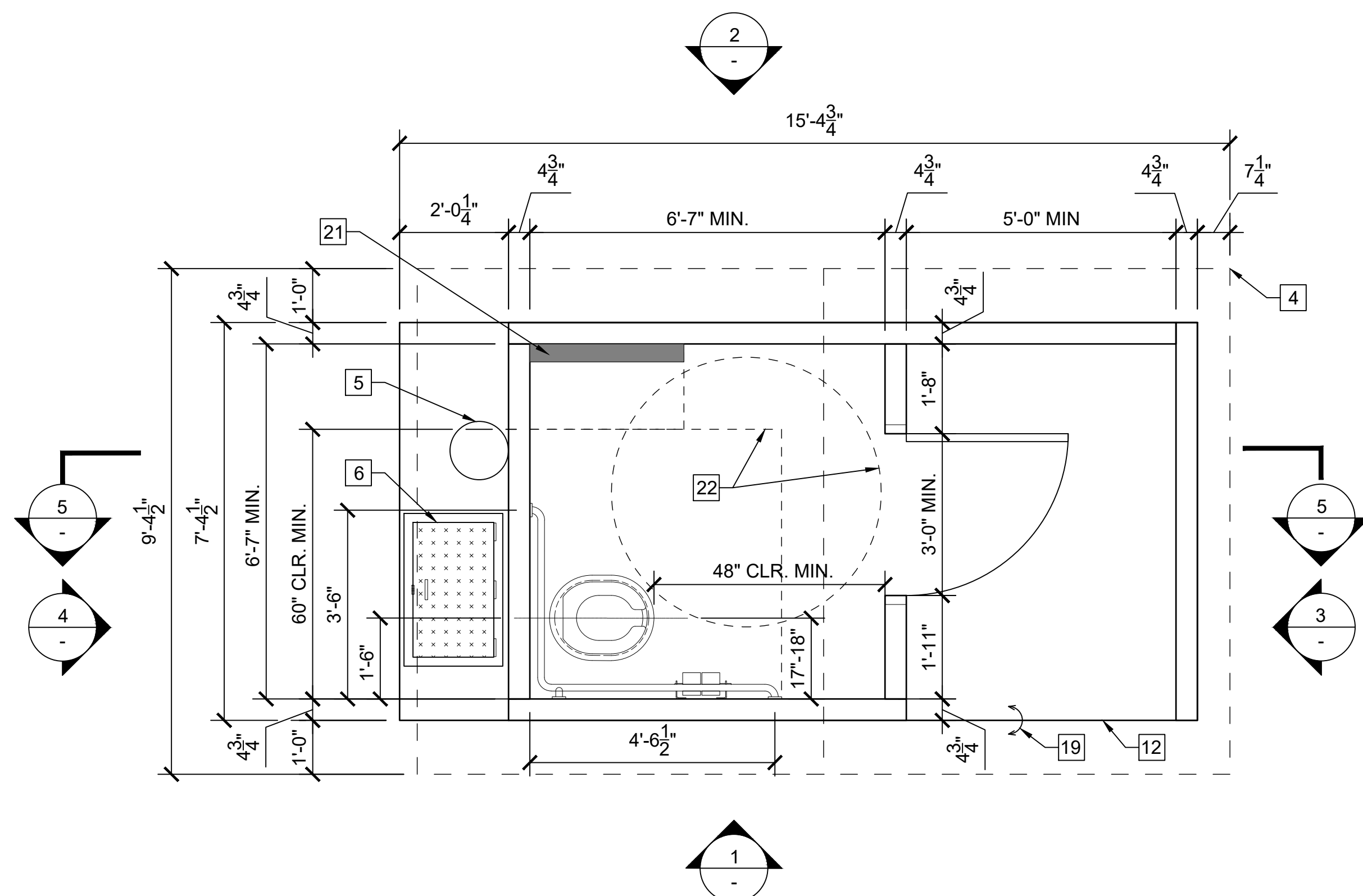
2 REAR ELEVATION
SCALE@24X36 1/4" = 1'-0"



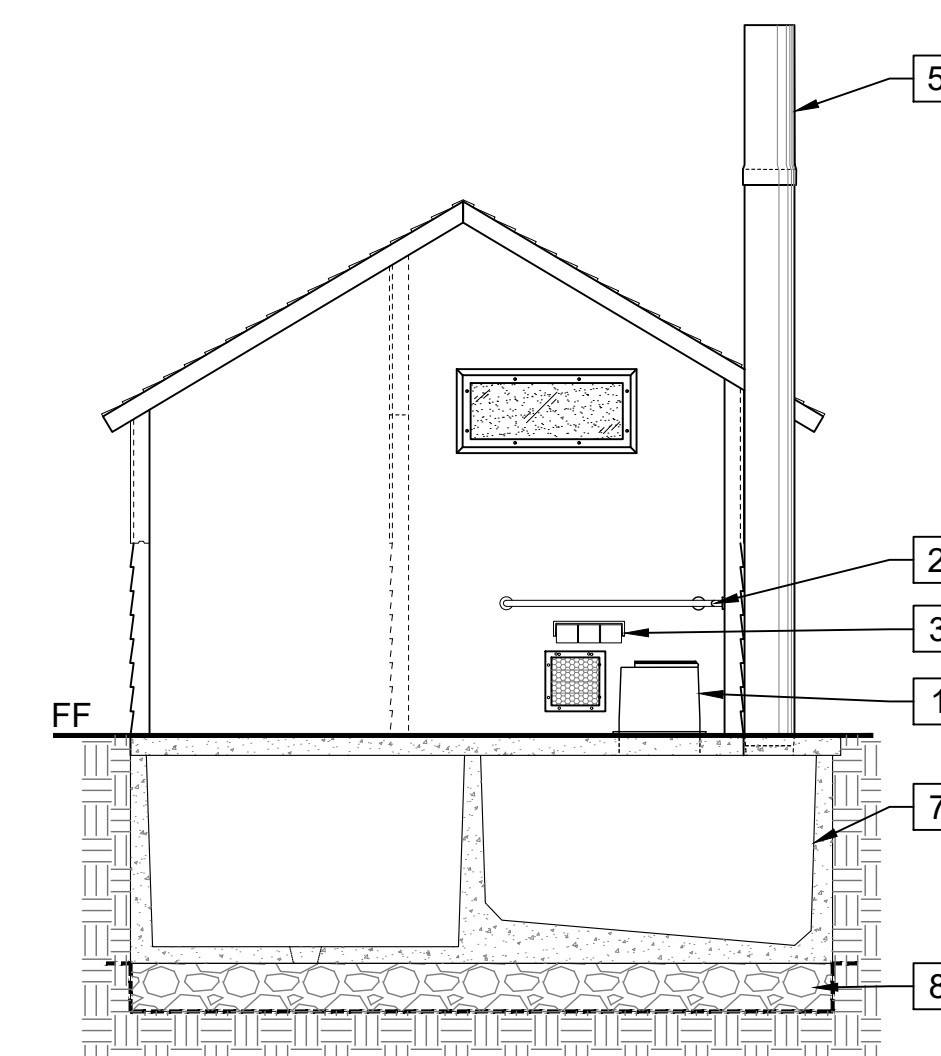
4 LEFT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



7 SECTION B-B
SCALE@24X36 1/4" = 1'-0"



7 FLOOR PLAN
SCALE@24X36 1/2" = 1'-0"



5 LONGITUDINAL SECTION
SCALE@24X36 1/4" = 1'-0"

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-35 Precast Single Vault Restroom Building.dwg Layout: C-35 Precast Single Vault Restroom Building.dwg Date: May 22 2023 - 7:33 am User: lle



FACILITIES AND DEVELOPMENT DIVISION

« PRELIMINARY »
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CONSTRUCTION

DPR ACCESS COMPLIANCE REVIEW
ACCESSIBILITY SECTION
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DRAWN: _____ TL
CHECKED: _____ KR
DATE: _____ MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
PRECAST DOUBLE VAULT
RESTROOM BUILDING

206279.039

SHEET NO.

C-36

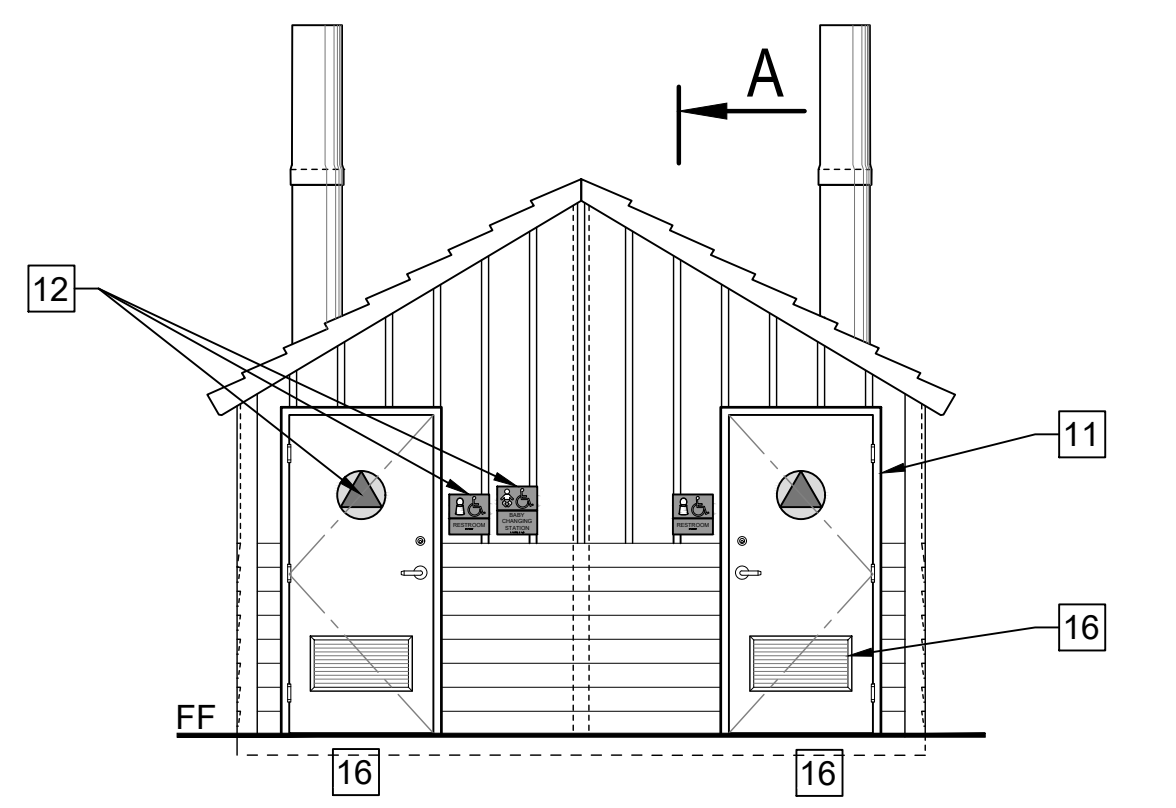
039 OF 040

KEYNOTES:

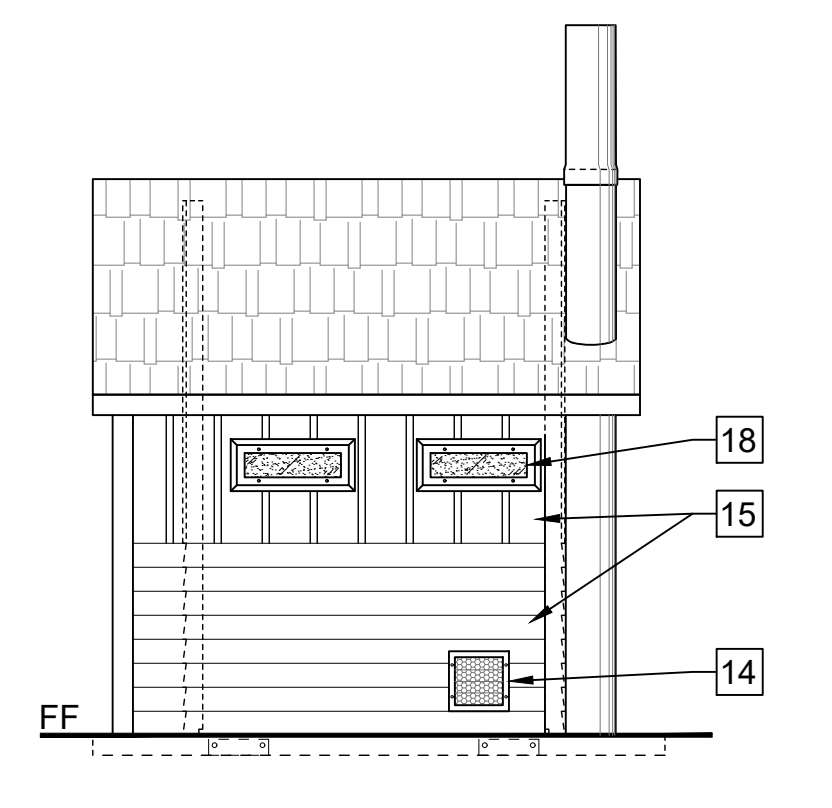
- 1 RISER
- 2 "L" SHAPED 1-1/2" SS GRAB BARS, 250LB POINT LOAD MIN. CAPACITY
- 3 SS TOILET PAPER DISPENSER, (3) ROLL BAR WITH LOCK
- 4 EDGE OF ROOF LINE ABOVE
- 5 VAULT VENTILATOR TUBE
- 6 VAULT ACCESS SCUTTLE DOOR
- 7 VAULT TANK BELOW GRADE
- 8 VAULT FOUNDATION: 12" MIN. THICK LEVELING COURSE OF 1-1/2" ANGULAR CRUSHED ROCK CONSOLIDATE W/ VIBROPLATE COMPACTOR ABOVE GEOTEXTILE FILTER FABRIC (MIRAFI 140N OR EQUAL), REFER TO GEOCON GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION
- 9 SIMULATED STANDING CEDAR SHAKE TEXTURE CONCRETE ROOF PATTERN, COLOR GRANITE ROCK, 2K ANTI-GRAFFITI COATING
- 10 CONCRETE BUILDING SLAB BY MANUFACTURE OF PRE-CAST BUILDING, COORDINATE ELEVATION WITH CONCRETE WALK FOR ACCESSIBLE ENTRANCE PER GRADING SHEETS
- 11 3'-0"x6'-8" FIBERGLASS DB LVR DOOR AND FRAMESET, TOP PAINTED WITH DTM ALKYD
- 12 TOILET SIGNAGE ON SHEET C-XX RESTROOM DETAILS
- 13 SIGN TO READ: "DO NOT PUT TRASH IN TOILET"
- 14 SS WALL VENT
- 15 BOARD & BATT TEXTURE UPPER WITH HORIZONTAL LAP LOWER TEXTURE WALLS, COLOR SAND BEIGE. 2K ANTI-GRAFFITI COATING ON ALL FINISHED SURFACES.
- 16 SS DOOR LOUVER
- 17 SET BUILDING SLAB FLUSH, LEVEL AND W/ SMOOTH TRANSITION AT CONCRETE SIDEWALK IN AREA IN FRONT OF ENTRANCE TO THE RESTROOM, COORDINATE W/ GRADING SHEET PER EACH LOCATION
- 18 TRANSLUCENT LEXAN WINDOW GLAZING WITH STEEL FRAME
- 19 BABY CHANGING TABLE: MODEL 100-EH-BP HORIZONTAL DIAPER CHANGING STATION WITH EZ MOUNT BACKER PLATE OR APPROVE EQUAL, TABLE WIDTH SHALL NOT EXCEED 18".
- 20 ACCESSIBLE MANEUVERING AREAS - CIRCLE: 60" Ø & RECTANGLE: 56"D x 60"W
- 21 SS DOUBLE COAT HOOK
- 22 PAINT
- 23 ALL PORTIONS OF THE EAVES WHICH ARE LESS THAN 80" ABOVE THE WALKING SURFACE SHALL PROJECT NO MORE THAN 4" FROM THE SIDE OF THE BUILDING.

GENERAL NOTES:

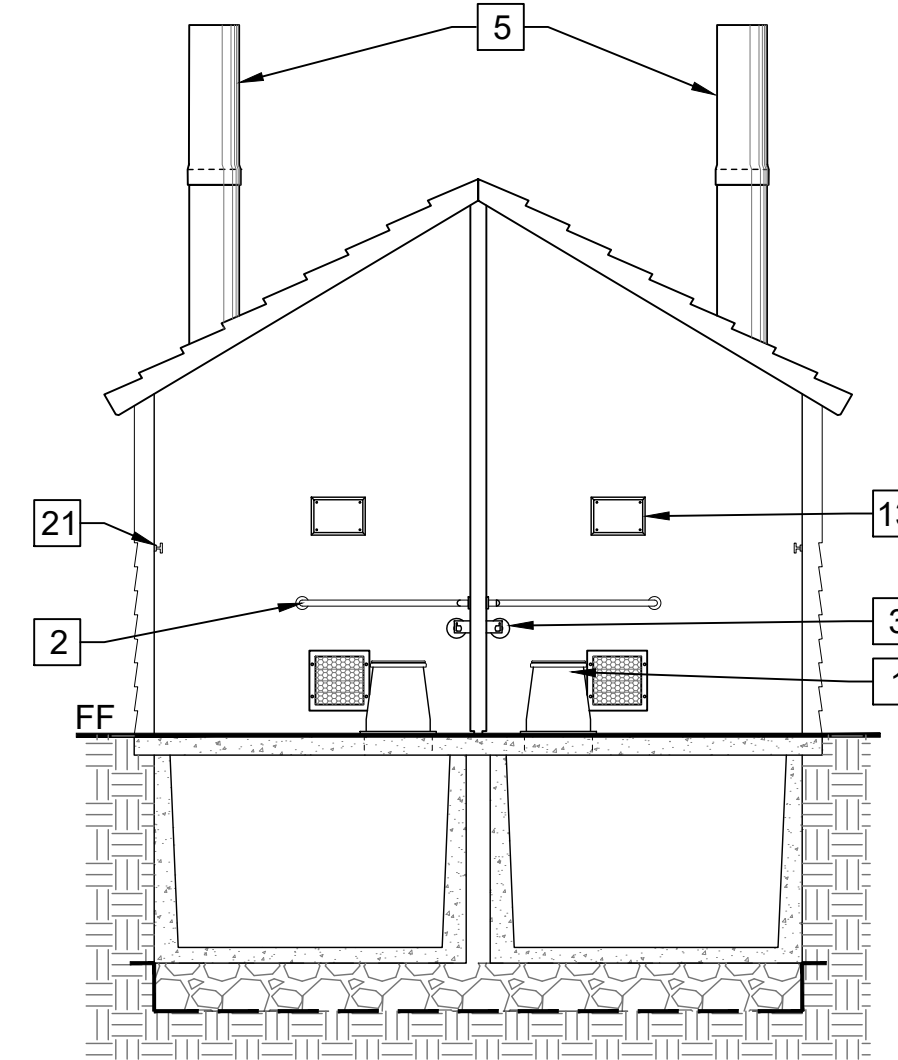
1. THIS FLOOR PLAN IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL INCLUDING MANUFACTURER'S PLANS, ELEVATIONS, SECTIONS, AND DETAILS. SHOP DRAWINGS SHALL BE STAMPED AND SIGNED BY A DESIGN PROFESSIONAL LICENSED IN THE STATE OF CALIFORNIA.
2. RESTROOMS SHALL BE PRECAST CONCRETE TOILET MODULARS THAT PROVIDE A FULLY INTEGRAL, OPERATIONAL BUILDING. SEE SPECIFICATIONS FOR DEFERRED SUBMITTAL REQUIREMENTS.
3. BASIS OF DESIGN: THE FLOOR PLAN, ROOF PLAN AND ELEVATIONS ARE BASED, IN GENERAL, ON THE CXT PRECAST PRODUCT. A MODIFICATION OF THE MODEL DOUBLE CASCADIAN STANDARD BUILDING. EQUIVALENT PRODUCTS FROM OTHER MANUFACTURER'S REVIEWED BY CALIFORNIA DEPARTMENT OF PARKS AND RECREATION, ACQUISITION AND DEVELOPMENT DIVISION, MAY BE SUBSTITUTED IN ACCORDANCE WITH PROVISIONS OF THE CONTRACT.
4. ALL DIMENSIONS SHOWN ARE MINIMUM REQUIRED DIMENSIONS. REFER TO SHEET FOR ACCESSIBLE REQUIREMENTS.
5. SUBGRADE TO BE COMPACTED TO AT LEAST 90% RELATIVE COMPACTION OR PER GEOCON GEOTECHNICAL REPORT RECOMMENDATIONS.



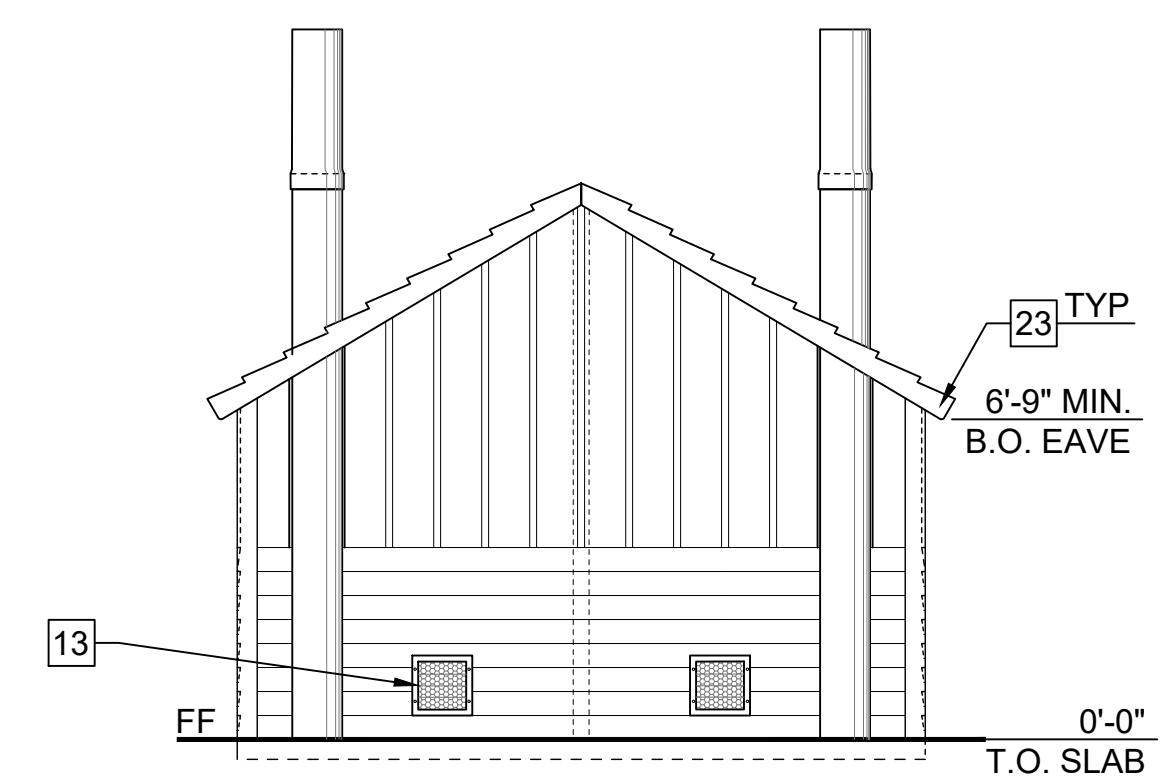
1 FRONT ELEVATION
SCALE@24X36 1/4" = 1'-0"



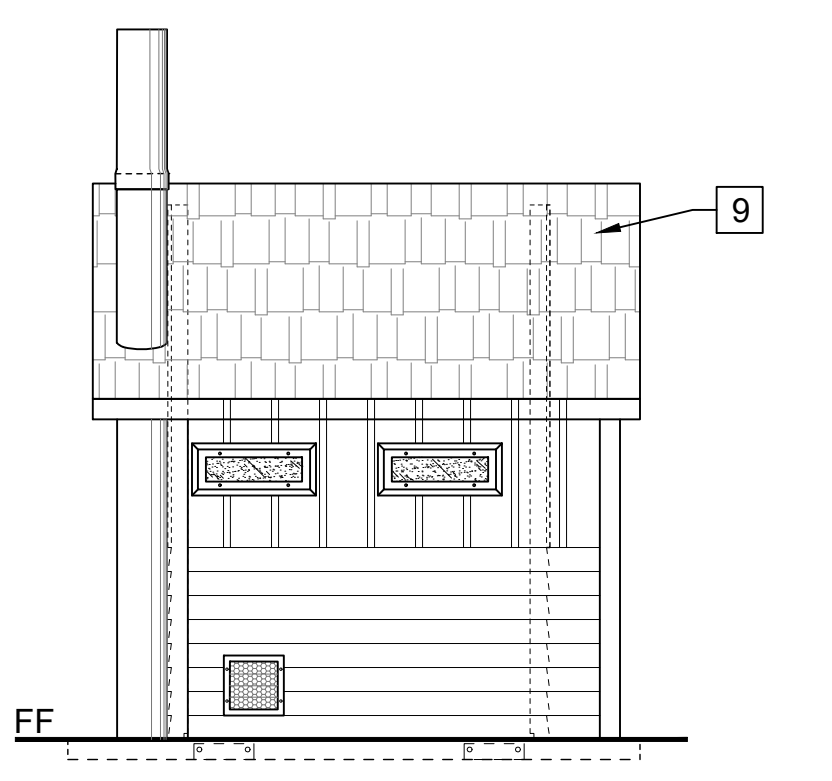
3 RIGHT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



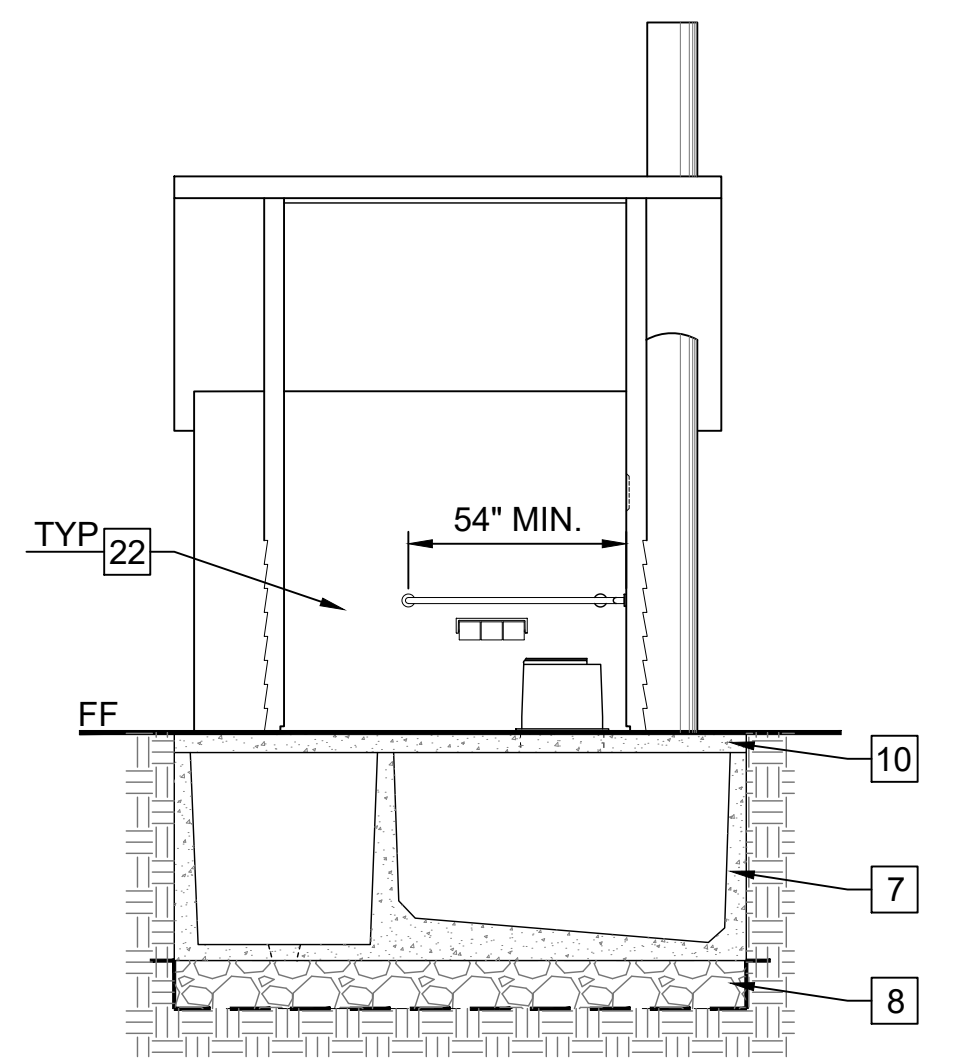
5 LONGITUDINAL SECTION
SCALE@24X36 1/4" = 1'-0"



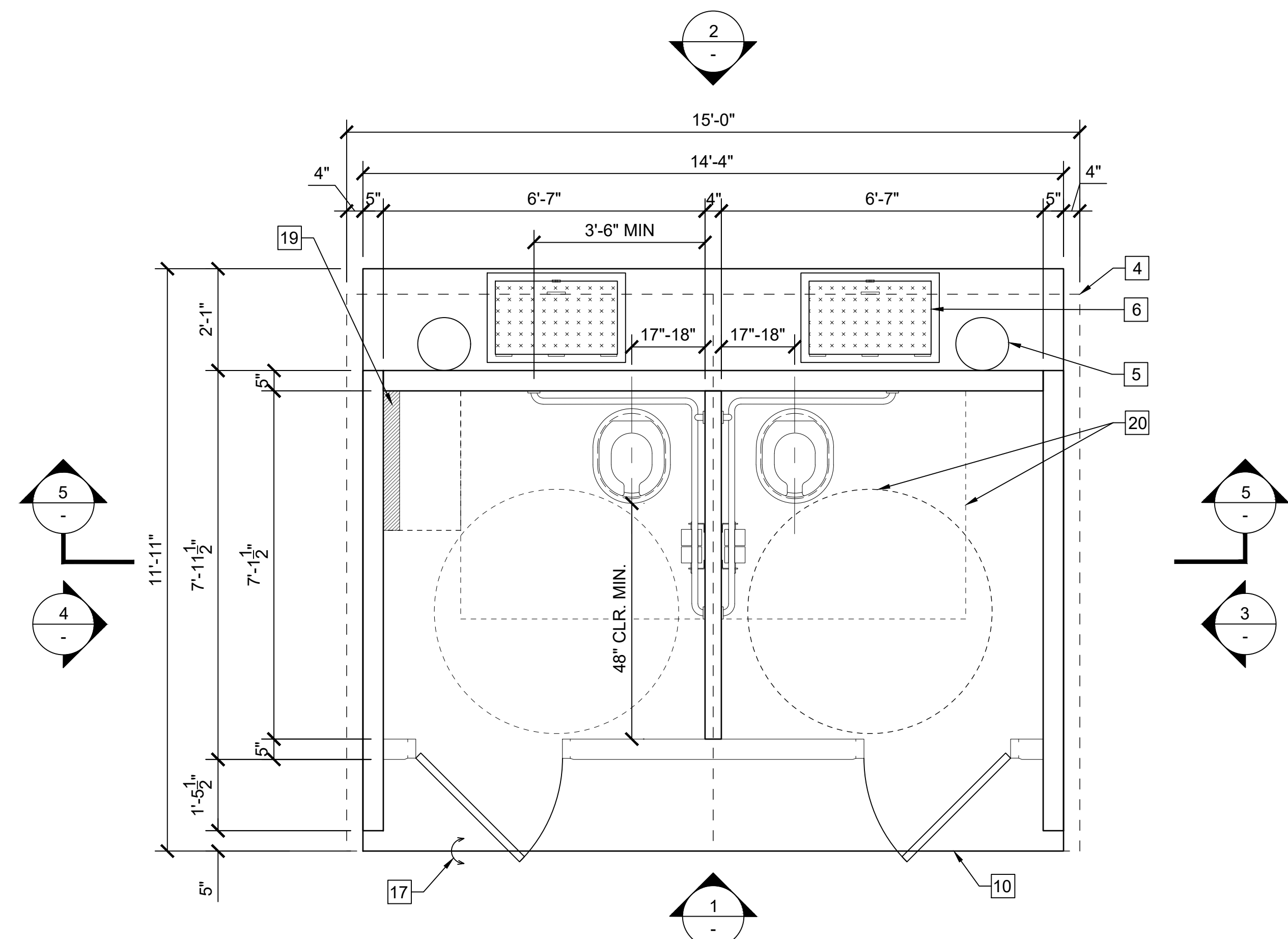
2 REAR ELEVATION
SCALE@24X36 1/4" = 1'-0"



4 LEFT SIDE ELEVATION
SCALE@24X36 1/4" = 1'-0"



6 SECTION A-A
SCALE@24X36 1/4" = 1'-0"

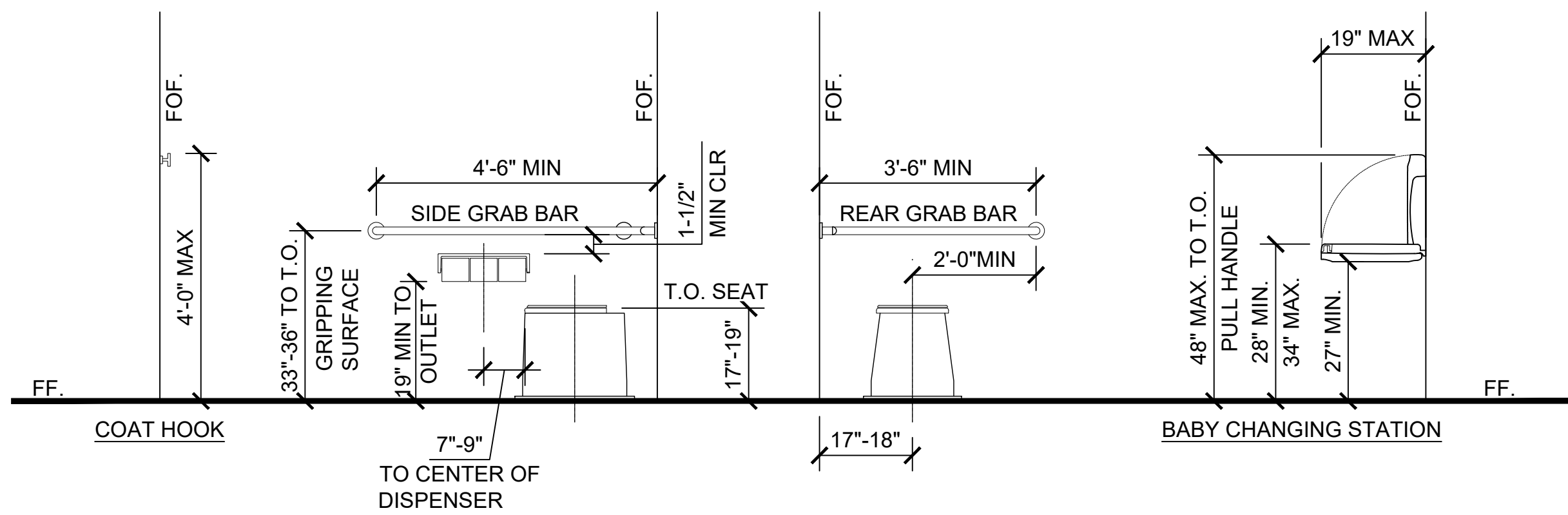


7 FLOOR PLAN
SCALE@24X36 1/2" = 1'-0"

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_tr_replace\05_drawings\Civil\C-36 Precast Double Vault Restroom Building.dwg Layout: C-36 Precast Double Vault Restroom Building Date: May 19 2023 - 5:00 pm User: tle



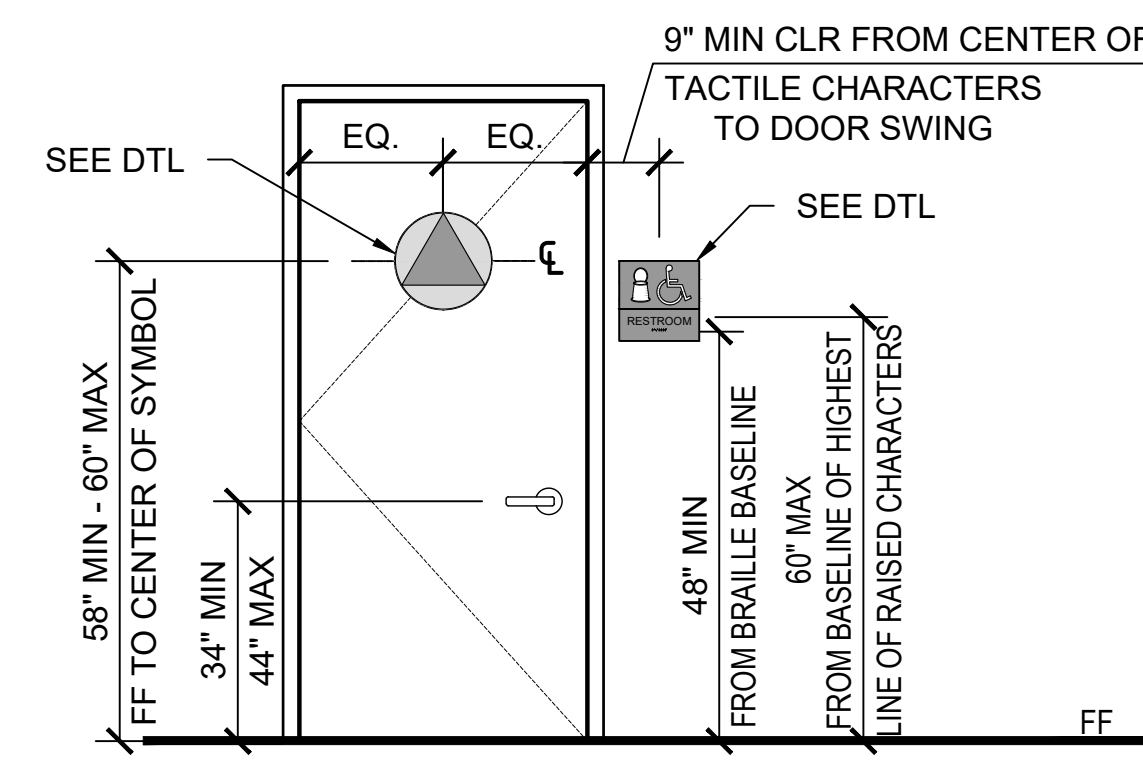
FACILITIES AND DEVELOPMENT DIVISION



- NOTES:
- REFER TO 2022 CBC FOR FURTHER INFORMATION:
 - SECTION 11B-306 KNEE AND TOE CLEARANCE
 - SECTION 11B-308 REACH RANGES
 - SECTION 11B-604 WATER CLOSETS AND TOILET COMPARTMENTS
 - NO TOLERANCE PERMITTED BEYOND NOTED MINIMUMS OR MAXIMUMS.
 - OPERATING HANDLE, 5 LBS MAXIMUM OPERATING FORCE AUTOMATIC OR PLACED ON WIDE SIDE OF THE FIXTURE COMPARTMENT.

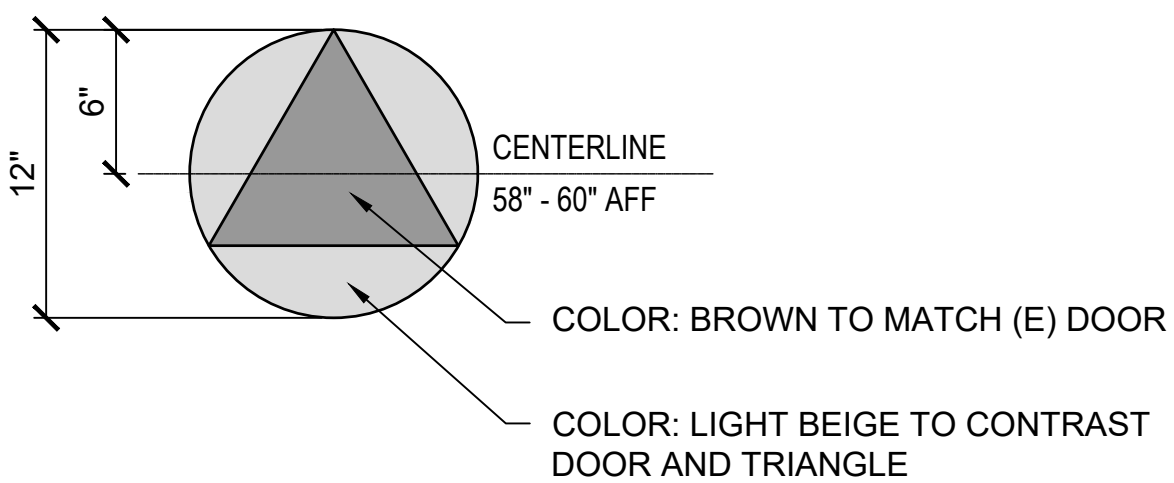
1 RESTROOM FIXTURE MOUNTING LOCATIONS
SCALE@22X34 1/2" = 1'-0"

- NOTES: ADJUST DOOR OPENING TO 5 LBS OF FORCE MAX
ADJUST DOOR CLOSER WHEN DOOR IS OPENED OF MIN 70° DOOR SHALL CLOSE A MIN TIME OF 1.5 SECONDS

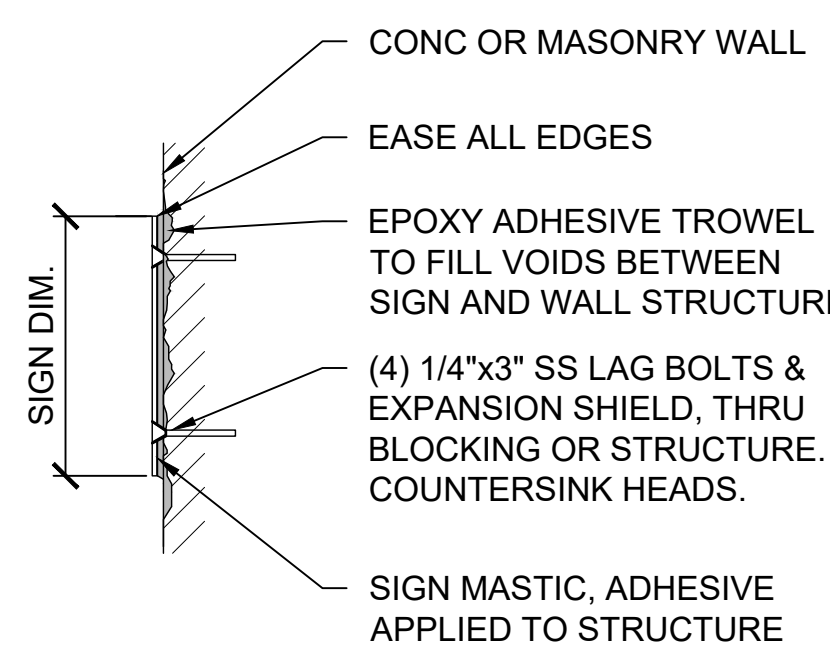


2 RESTROOM SIGN LOCATION
SCALE@22X34 1/2" = 1'-0"

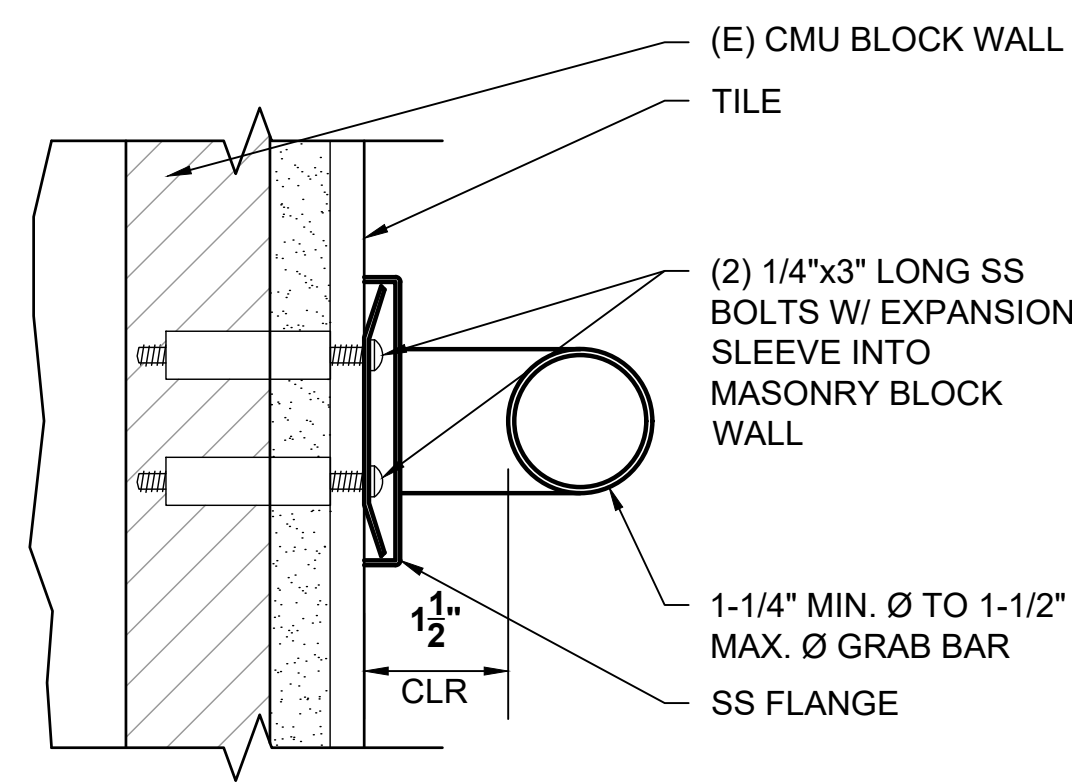
- NOTES:
- RESTROOM DOOR SIGNS: 1/4" THICK - SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. UNISEX CIRCLE SHALL COLOR CONTRAST WITH DOOR COLOR AND TRIANGLE COLOR, CONTRAST SHALL BE 70% MIN.
 - MOUNTED 58" - 60" AFF TO THE CENTER OF THE SIGN AND CENTERED ON THE DOOR
 - NO LETTERS OR CHARACTERS



3 RESTROOM DOOR SIGN
SCALE@22X34 1 1/2" = 1'-0"

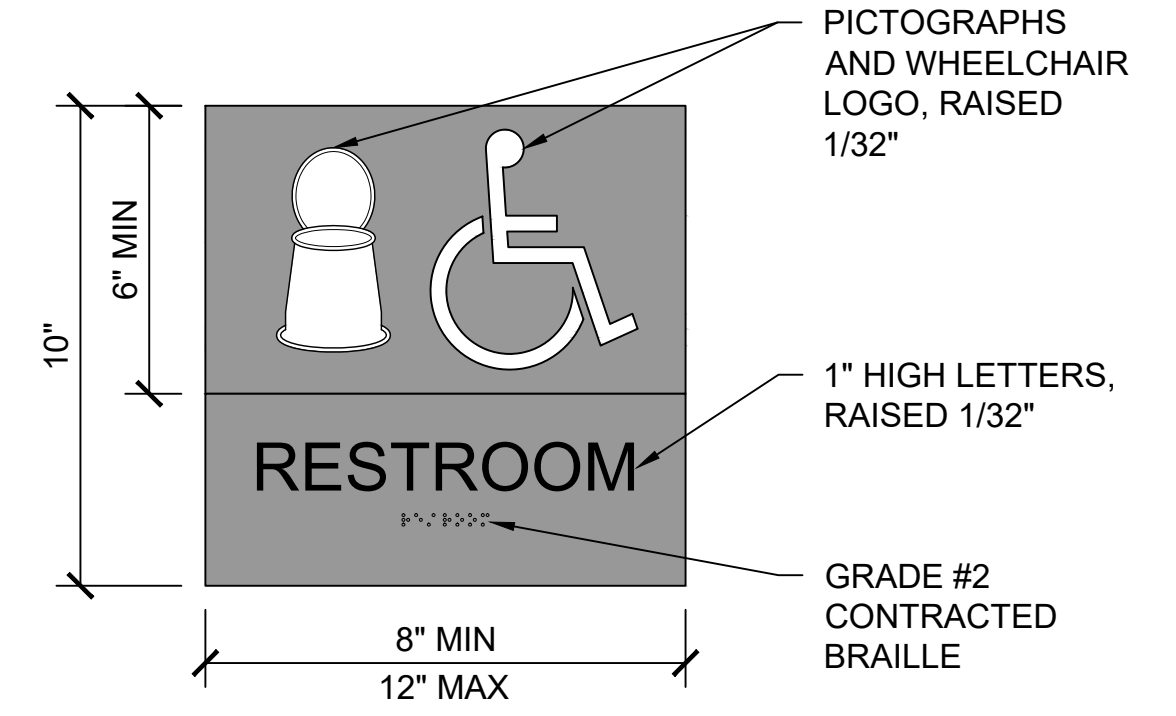
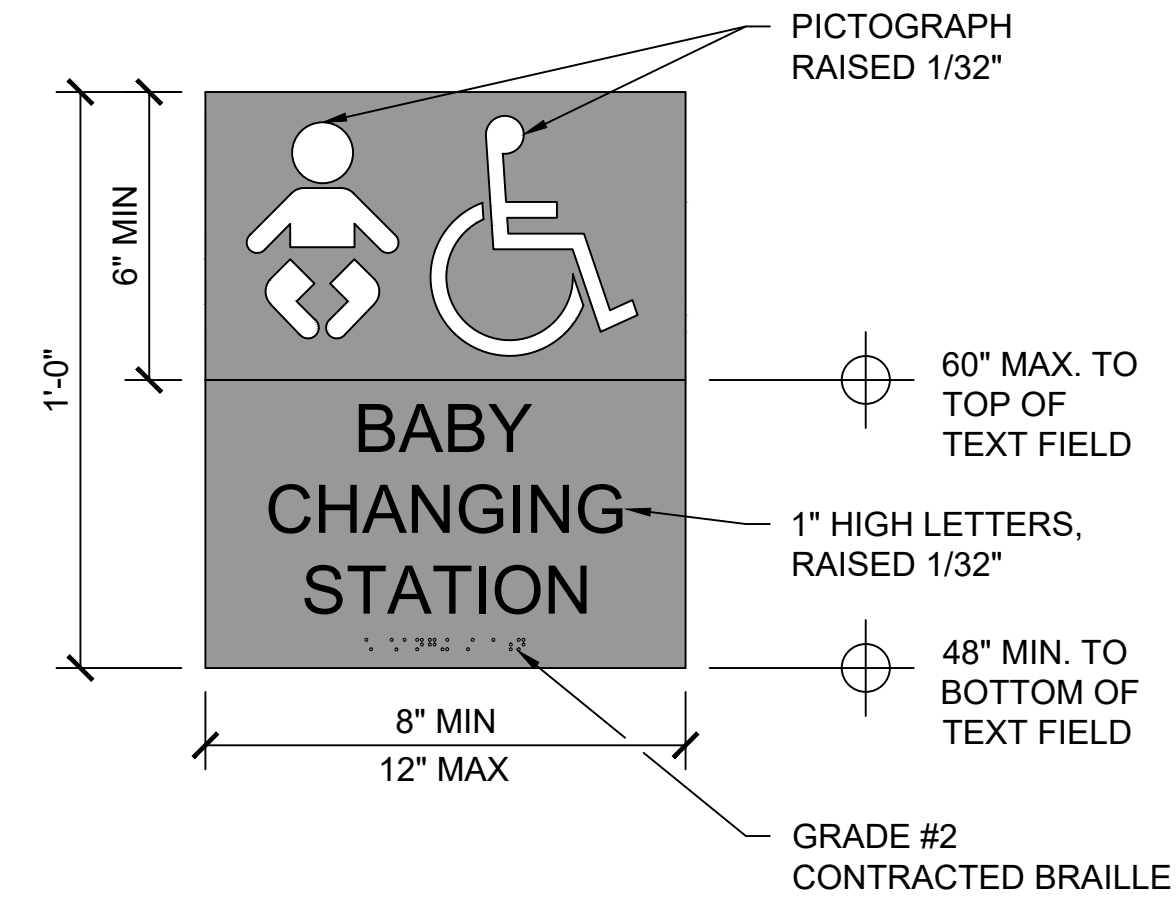


4 WALL SIGNS MOUNTING
SCALE@22X34 1 1/2" = 1'-0"



5 GRAB BAR MOUNTING
SCALE@22X34 6" = 1'-0"

- NOTES: ALL WALL & DOOR SIGNS: 1/4" THICK, SECURE TO WALL WITH CONCEALED TAMPER RESISTANT FASTENERS. SYMBOLS AND LETTER SHALL CONTRAST AND BE SELECTED BY STATE REPRESENTATIVE FROM MANUFACTURERS FULL LINE OF COLOR OFFERINGS. UNO. COLOR SHALL BE THROUGH PRODUCT, NOT A COLOR SHEET APPLIED TO A TRANSPARENT OR TRANSLUCENT SHEET OF ACRYLIC. REFER TO 2022 CBC SECTION 11B.703 FOR FURTHER INFORMATION



6 RESTROOM WALL SIGNS
SCALE@22X34 3" = 1'-0"

« PRELIMINARY »
NOT FOR
CONSTRUCTION

DPR ACCESS COMPLIANCE REVIEW	
ACCESSIBILITY SECTION	
CERTIFICATION #	
Reviewed by	Date
ACCESSIBILITY COMPLIANCE AND STATE FIRE MARSHAL SIGNED ORIGINALS ARE ON FILE AT THE DEPARTMENT OF PARKS AND RECREATION, NORTHERN SERVICE CENTER	

DESIGNED:	TL
DRAWN:	TL
CHECKED:	KR
DATE:	MAY 2023

REVISIONS	DATE

SAN MATEO COAST
VAULT RESTROOM REPLACEMENT
RESTROOM DETAILS

206279.040

SHEET NO.
C-37
040 OF 040

File: Q:\sanita_cruz_districtwide\206279-san_mateo_coast_r_replacement\05_drawings\Civil\C-37 RESTROOM DETAILS.dwg Layout: C-37 RESTROOM DETAILS Date: May 19 2023 - 4:27 pm User: ile

Attachment 3 – Avoidance and Minimization Measures

Attachment 3: Avoidance and Minimization Measures

General Air Quality & Dust Prevention: Wind Erosion Control BMPs will be implemented to reduce and eliminate the potential for Project Activities to produce dust.

Unstable Soil and Erosion Prevention: All stockpiled soil must be managed utilizing appropriate BMPs to ensure that sediment does not flow into waterways or drains, and that invasive species do not grow and spread via the stockpiled material. Stockpiles must be covered and surrounded by a perimeter control if they are inactive for 14 days or more. When the NOAA rain forecast reports greater than 50% chance of rain within 48 hours of Project Activities, stockpiles will be covered. Stockpiles will be placed at least 50 feet from waters of the state (i.e., wetlands and non-wetland waters, including ditches) and must be checked and maintained regularly.

Prevention of Incidental Sedimentation and Discharge: Implementation conditions in DPR's Storm Water Soil Loss Prevention Plan will ensure the Project does not result in contamination of surface waters or temporarily increase in sediment transportation rates due to the release of sediments, vehicle or equipment fluids, and construction materials. All equipment will be maintained in accordance with the manufacturer's specifications to prevent leaks of hazardous materials (i.e., fuels, solvents, oil, hydraulic fluids).

Water Quality Objective Compliance: The project will comply with all applicable Water Quality Objectives as specified in the Central Coast Regional Water Quality Control Board's Central Coast Basin Plan. All heavy equipment parking, refueling, and servicing will be conducted within designated, graded or paved areas. These actions will prevent the project from affecting drainage patterns, sediment transportation, and water quality.

Fencing Around Waters of the State: Prior to construction, waters of the state (i.e. wetlands and non-wetland waters, including ditches) within 30 feet of the Project Area (e.g. at Pomponio, San Gregorio, Bean Hollow, Ano Nuevo Gazos) will be fenced off by DPR staff.

Sudden Oak Death: All on site construction personnel will use the following Best Management Practices (BMPs) to limit transmission of SOD outside of the work area.

- Unauthorized movement of plant material is prohibited.
- Utilize paved and graveled roads to the fullest extent possible.
- Before entering the Project Area, all equipment will be clean.
- Before leaving the Project Area, remove or wash-off accumulations of plant debris, soil, and mud from shoes, boots, vehicles, and heavy equipment, etc. Clean with denatured alcohol or similar materials.

Non-native Plant Species: All construction equipment used on this project shall be clean and free of soil and plant material before arrival at the project site and before leaving the park in order to prevent invasive plant seed dispersal.

Preconstruction Special-Status Plant Surveys: Within a year of construction, a DPR Environmental Scientist will conduct special-status plant survey(s) of the Project Area and proximity coinciding with the identifiable period of the special status plants reported on an updated CNDDDB and CNPS inventory search. All special-status plant occurrences within and adjacent to the Project Areas will be recorded on project maps and fenced off for exclusion.

Special-Status Plant Impact Avoidance and Minimization: Where possible, special-status plant occurrences will be avoided and protected from construction activities. Locations where special status plants can't be avoided will be subject to the following conditions as approved by the District Environmental Scientist:

Perennial Species

- Prior to construction, plants will be carefully excavated and transplanted to nearby suitable habitat. All transplant work will be conducted under the direction of District Resource Staff, a DPR Environmental Scientist, or a DPR-approved biologist.
- Transplanting should occur during the dormant growing season (i.e. late fall) when the plants are least disturbed and can receive winter precipitation.

Annual Species

- Seeds from annual special status plant species will be collected during the appropriate season and properly stored prior to ground disturbing activities. Seeds will be sown during the appropriate season in suitable locations identified by the District Resource Staff, a DPR Environmental Scientist or a DPR-approved biologist.

Nesting Raptors and Migratory Birds Preconstruction Surveys and Project Avoidance:

To the extent possible, Project Activities should occur during the non-breeding season, September 1 – February 28. If initiation of activities which could potentially cause take of nesting migratory birds or raptors (as determined by a DPR-approved biologist) are necessary during the breeding season of March 1 to August 31, then surveys by a DPR-approved biologist will be required. Surveys will be conducted within 7 days prior to the start of construction under the following conditions.

Raptors

Surveys for active raptor nests will be conducted within a 500-foot radius of the Project Areas. If nesting raptors are found, no construction will occur within a 500-foot radius of the nest tree between March 1 and August 31, or until the young have fledged and the young would no longer be impacted by project activities (as determined by a DPR-approved biologist).

Migratory birds

Surveys for active migratory bird nests will be conducted within a 150-foot radius of the Project Areas. If active nests are located, no construction will occur within a 150-foot radius of the nest tree between March 1 and August 31, or until the young have fledged and the young will no longer be impacted by project activities (as determined by a DPR-approved biologist).

Daily Wildlife Preconstruction Surveys: Each day prior to the start of construction, a DPR-biologist or equivalent will conduct a preconstruction clearance survey of the Project Area and its vicinity to prevent impacts to potential who wildlife took refuge in the Project Area. If common wildlife animals are observed in the project area, the DPR biologist or equivalent will transport the creature outside of the Project Area. If a special-status wildlife species is observed in the Project Area, the animal will be allowed to leave the site on its own volition and Project Activities will not commence until the animal has left the site. The DPR-biologist or equivalent will call the local contact for CDFW or USFWS depending on the species' respective listing status.

Installation of Escape Ramps in Open Trenches: To prevent wildlife entrapment during construction, all excavated trenches and holes should have a soil ramp installed to allow wildlife the opportunity to exit. If a soil ramp installation is not feasible, the excavation shall be covered with plywood or similar material while unattended. Prior to Project Activities each day, the excavations shall be inspected by the DPR-biologist or equivalent.

Attachment 4 – Project Area Topographic and Vegetation Maps



Copyright: © 2013 National Geographic Society, i-cubed

Figure 1.
Burleigh Murray Ranch State Park Topographic Map
San Mateo Restroom Replacement Project
Coastal Development Permit
Biological Impact Report

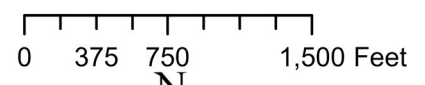




Figure 2.
 Burleigh H. Murray Ranch State Park Vegetation Map
 San Mateo Restroom Replacement Project
 Coastal Development Permit
 Biological Impact Report

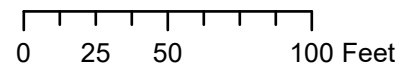




Figure 3.
Cowell Ranch State Beach Topographic Map
San Mateo Restroom Replacement Project
Coastal Development Permit
Biological Impact Report

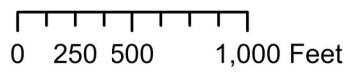




Figure 4.
 Cowell Ranch State Beach Vegetation Map
 San Mateo Restroom Replacement Project
 Coastal Development Permit
 Biological Impact Report

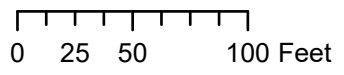




Figure 5.
 San Gregorio State Beach Topographic Map
 San Mateo Restroom Replacement Project
 Coastal Development Permit
 Biological Impact Report

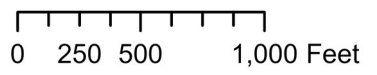
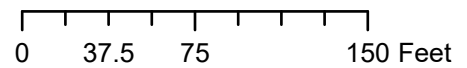
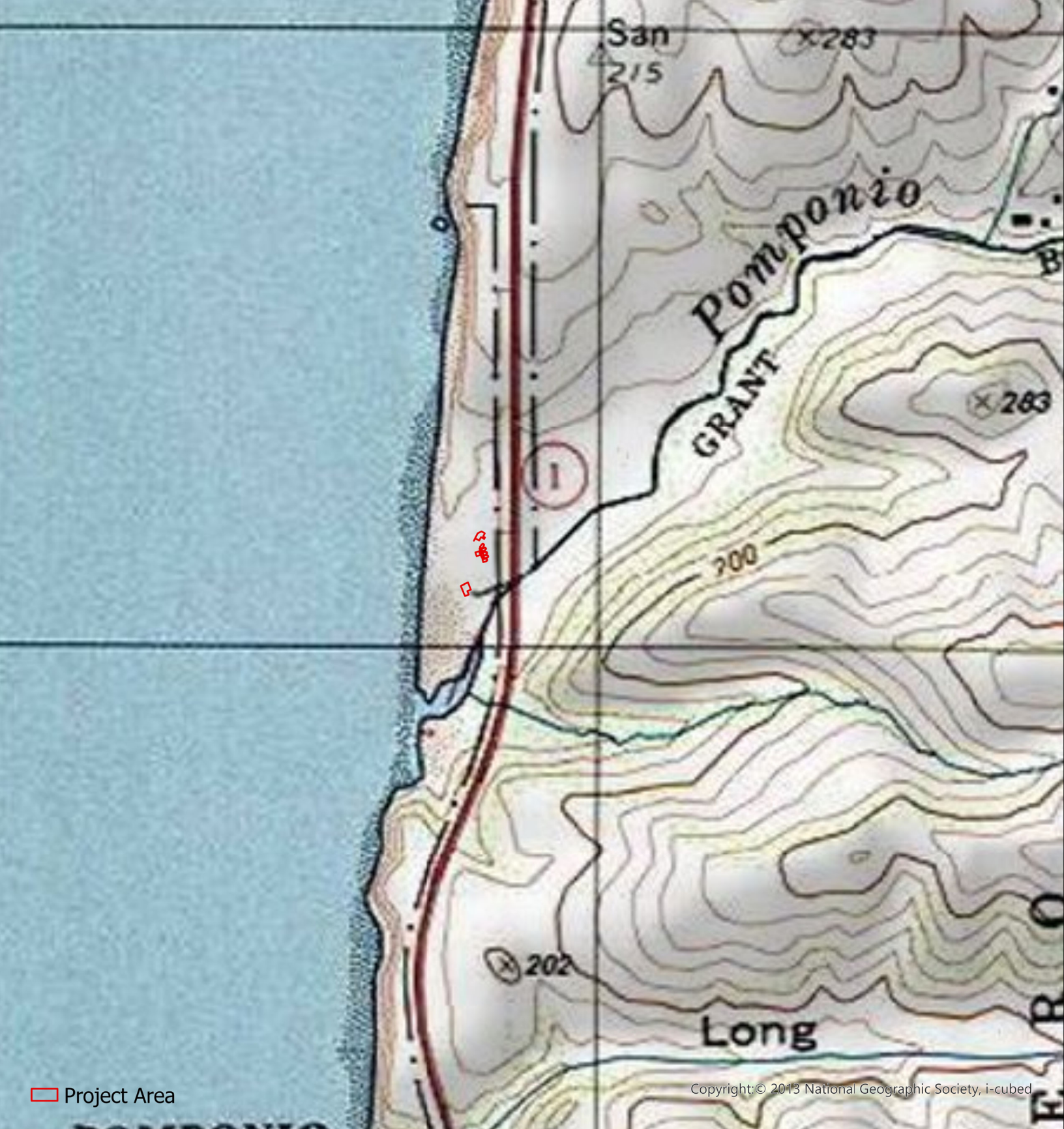




Figure 6.
 San Gregorio State Beach Vegetation Map
 San Mateo Restroom Replacement Project
 Coastal Development Permit
 Biological Impact Report





Project Area

Figure 7.
Pomponio State Beach Topographic Map
San Mateo Restroom Replacement Project
Coastal Development Permit
Biological Impact Report

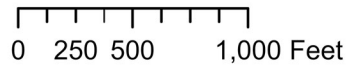




Figure 8.
 Pomponio State Beach Vegetation Map
 San Mateo Restroom Replacement Project
 Coastal Development Permit
 Biological Impact Report

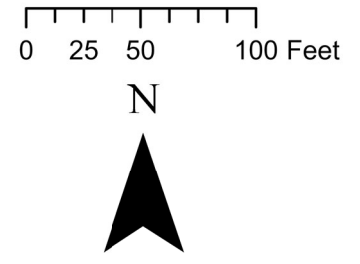




Figure 9.
Pescadero State Beach North Topographic Map
San Mateo Restroom Replacement Project
Coastal Development Permit
Biological Impact Report





Figure 10.
 Pescadero State Beach North Vegetation Map
 San Mateo Restroom Replacement Project
 Coastal Development Permit
 Biological Impact Report

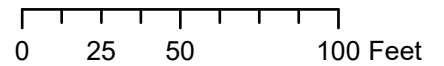




Figure 11.
 Pescadero State Beach Central Topographic Map
 San Mateo Restroom Replacement Project
 Coastal Development Permit
 Biological Impact Report

0 250 500 1,000 Feet





Figure 12.
 Pescadero State Beach Central Vegetation Map
 San Mateo Restroom Replacement Project
 Coastal Development Permit
 Biological Impact Report

0 25 50 100 Feet



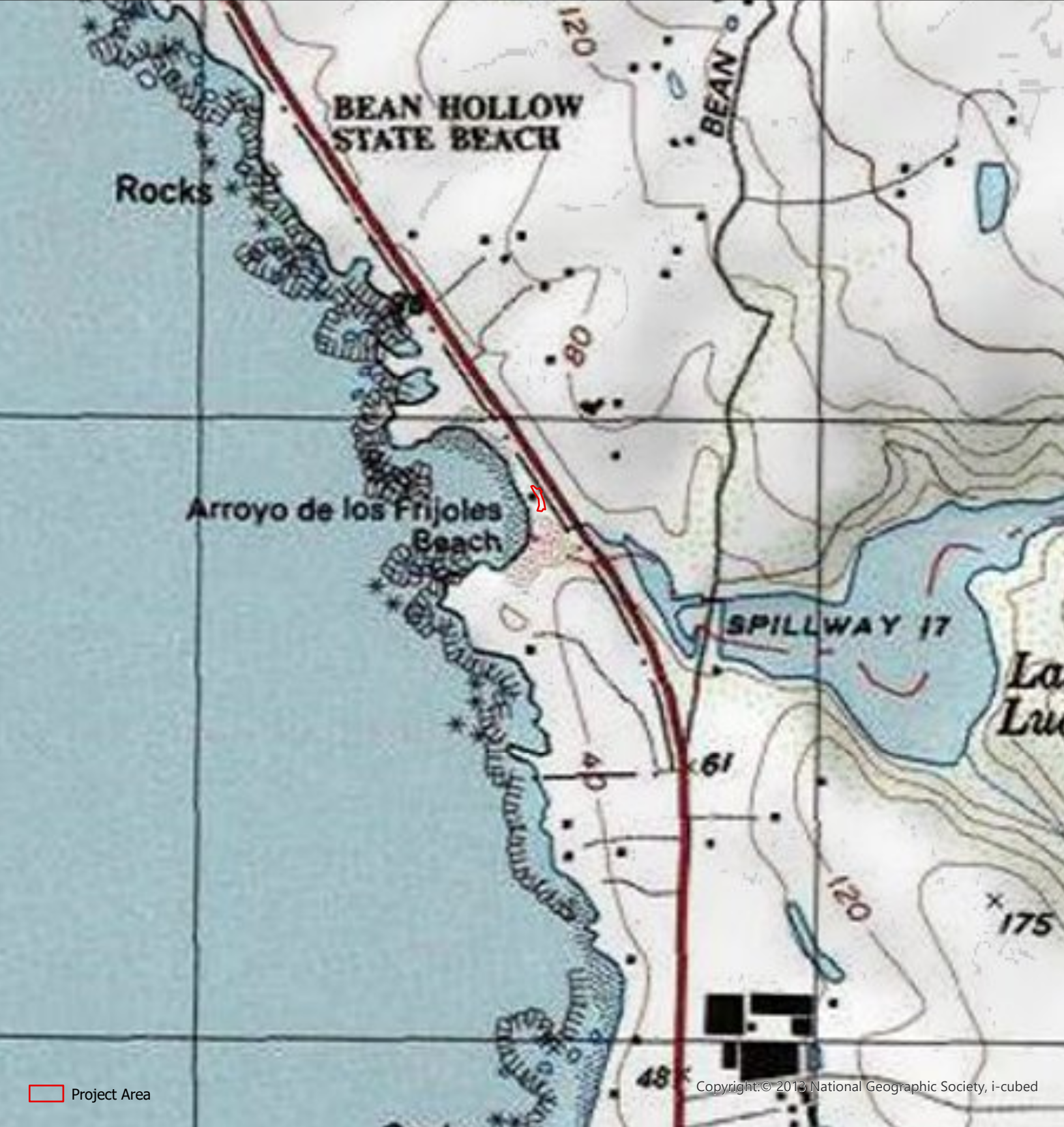


Figure 13.
 Bean Hollow State Beach Topographic Map
 San Mateo Restroom Replacement Project
 Coastal Development Permit
 Biological Impact Report

0 250 500 1,000 Feet





Figure 14.
 Bean Hollow State Beach Vegetation Map
 San Mateo Restroom Replacement Project
 Coastal Development Permit
 Biological Impact Report

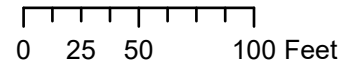
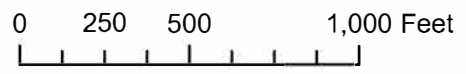






Figure 15.
Ano Nuevo Gazos State Beach Topographic Map
San Mateo Restroom Replacement Project
Coastal Development Permit
Biological Impact Report



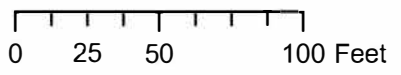


Legend

-  Project Area
-  Non-Native Annual Grassland
-  Coastal Scrub
-  Riparian Scrub
-  Non-Wetland Water
-  Fallow Agricultural Field

Maxar, Microsoft

Figure 16.
 Ano Nuevo Gazos State Beach Vegetation Map
 San Mateo Restroom Replacement Project
 Coastal Development Permit
 Biological Impact Report



Attachment 5 – Representative Photographs

Attachment 5: Representative Photographs



Photograph 1: View facing east towards Burleigh M. Murray Ranch State Park Project Area. Work will be confined to the parking lot (Google Earth 2023). Coyote brush is observable in the left of the photo and Eucalyptus in the right.



Photograph 2: Closer view facing east towards Burleigh M. Murray Ranch State Park Project Area. Arroyo willow thickets are observable beyond the coyote brush in the left of the photo.



Photograph 3. View looking west towards Cowell Ranch State Park Project Area, which consists of the parking lot and chemical toilet's location (Google Earth 2023).



Photograph 4: View looking south towards the replacement areas for the restroom and picnic tables in the San Gregorio State Beach Project Area. The concrete pathway will be installed in the existing trail's location.

San Mateo Restroom Replacement Project
Attachment 5: Representative Photographs
Biological Impact Report
Coastal Development Permit



Photograph 5: View looking north towards where accessible parking spaces will be installed in the parking lot at the San Gregorio State Beach Project Area.



Photograph 6: View facing northeast towards the restroom to be replaced at Pomponio State Beach Project Area.



Photograph 7. At Pomponio State Beach Project Area, is a view facing south towards the picnic table replacement location on the right side of fence. On the left side of the fence is a wetland containing the Choris' popcorn flower population.



Photograph 8. View of the white Choris' popcorn flowers outside of the work area.

San Mateo Restroom Replacement Project
Attachment 5: Representative Photographs
Biological Impact Report
Coastal Development Permit



Photograph 9. View of coastal marsh milk-vetch population outside of the work area at Pomponio State Beach.



Photograph 10. View of looking north towards the picnic table replacement location at Pomponio State Beach Project Area.



Photograph 11. View looking south towards the restroom to be replaced at the Pescadero State Beach North Project Area.



Photograph 12. View looking west towards the Pescadero State Beach Central Project Area's restroom replacement location surrounded by disturbed coastal scrub.



Photograph 13. View looking northwest towards a poison hemlock and black mustard infestation in the disturbed coastal scrub at the Pescadero State Beach Central Project Area where the accessible parking space is proposed.



Photograph 14. View looking northeast towards the restroom replacement location at the Bean Hollow State Beach Project Area.



Photograph 15. View looking west towards an accessible picnic table location at the Bean Hollow State Beach Project Area.



Photograph 16. View looking north towards the restroom replacement location at the Ano Nuevo Gazos State Park Project Area.



Photograph 17. View of the mesic rush, California blackberry, and coyote brush co-dominated swath north adjacent to the restroom replacement location.

Attachment 6 – Qualifications

Devin R. Jokerst

devinjokerst@gmail.com; (530) 391-7634; 3861 Wrigley Circle, North Highlands, Ca 95660

Education

M.S. Ecology, Evolution, and Conservation Biology, San Francisco State University, May 2017

B.A. Biology and Environmental Studies, University of California, Santa Cruz, June 2013

Work Experience

Senior Environmental Scientist (Specialist) – California Department of Parks and Recreation

[February 2023 – Present]

- Protocol surveys for aquatic resources and special-status plants
- Technical reports detailing field work, including aquatic resource delineation reports
- Evaluation of proposed project descriptions and engineering plans to determine the feasibility of avoiding or minimizing impacts to sensitive biological resources
- Determination of applicable project permits, permit completion and submission to respective agencies (Corps, State or Regional Water Quality Control Board, CDFW, BCDC, Coastal Commission, etc.)
- Pre-consultation meetings with agencies about project permitting and mitigation
- GIS field map creation, field data collection, data analysis, and PDF map creation

Environmental Scientist – State Water Resources Control Board [December 2021– February 2023]

- Lead author of the Statewide General Water Quality Certification Order for Discharges of Dredged or Fill Material to Waters of the State from Wildfire Mitigation Activities and CEQA document
- Presented technical information to Regional Water Boards and electrical utilities
- Assessed permit applications for eligibility under the Nationwide Permit General (Order No. WQ 2021-0048-DWQ) and composed the corresponding Notice of Applicability
- Managed multiple permit applications and associated communications with applicants

Botanist/Wetland Ecologist – ICF [June 2017– December 2021]

- As lead biologist, managed prefield research and planning to efficiently conduct wetland delineations, floristic inventories, special-status plant surveys, and vegetation alliance mapping using agency protocols
- Managed projects that delivered prompt deliverables within budget
- Composed aquatic resource delineation reports and other technical reports, CEQA biological resource sections, Biological Assessments, and project proposal scopes
- Administered environmental trainings to construction crews and monitored construction activities for permit compliance

Staff Biologist (Botanist) – Monk & Associates [March 2016 – June 2017]

- Independently, conducted surveys for special-status plants, burrowing owls, and mitigation monitoring
- Assisted in aquatic resource delineations
- Administered environmental training to construction workers and monitored construction activities
- Composed reports for annual monitoring efforts, special-status plant surveys, and biological constraints
- Constructed figures on ArcGIS using data collected in the field and CNDDDB

Graduate Assistant for Plant Taxonomy – SFSU [January 2016 – June 2016]

- Collected plant specimens in the field for each lab's respective taxa
- Provided instruction and assistance in lab and on overnight field trips

Graduate Teaching Assistant for Introductory Biology II – SFSU [August 2014 – June 2016; 4 semesters]

- Instructed 30+ student labs through development and presentation of PowerPoint lectures and exams

Botanist – Ecosystems West [April 2014 – June 2014]

- Monitored chaparral succession at Fort Ord National Monument via plant cover assessment and rare plantsurveys

Invasive Plant Technician – The Point Reyes National Seashore Association [June 2013 – August 2013]

- Manually removed scotch broom and applied herbicide
- Strategized and mapped progress of treatments
- Provided instruction and managed volunteers for invasive plant removal

Field and Lab Research Assistant, Dr. Karen Holl and Dr. Michael Loik Research Labs – UCSC [August 2012 – June 2013]

- Monitored The Nature Conservancy's riparian restoration efforts along the Sacramento River
- Designed and performed photochemistry research in the green house for large scale Luminescent Solar Collector application¹

Biological Assistant – Tansley Team Inc., DBA Helm Biological Consulting [May 2012 – September 2012]

- Assisted in wetland delineations and mitigation bank monitoring of rare plants and Branchiopods
- Analyzed soil samples for Branchiopod cysts using 10–250 zoom binocular microscope

Workshops and Training

- Introduction to Project Management, State Water Board Training Academy, 10/2022
- CRAM for Planners and Managers, San Francisco Estuary Institute, 10/2022
- Riparian Assessment Method for California, Central Coast Wetlands Group, 3/2022
- Introduction to GIS, State Water Board Training Academy, 2/2022
- Diversity, Equity, and Inclusion Champion Training, Imperative, 5/2021
- Advanced Wetland Delineation Workshop, San Francisco Estuary Institute, 11/2019
- California Rapid Assessment Method 5-Day Training, San Francisco Estuary Institute, 5/2019
- Willow Identification Workshop, Chico State University Herbarium, 5/2019
- Wetland Delineation Workshop, Wetland Training Institute, 4/2018
- Advanced Poaceae II Identification Workshop; Jepson Herbarium, 5/2018
- Poaceae Grass Identification Workshop, California State University Herbarium, 2013
- Rare Pond Species Survey and Techniques Workshop, Laguna Environmental Center, 2013

¹ Loik, M.E., Carter, S.A., Alers, G., Wade, C.E., Shugar, D., Corrado, C., Jokerst, D. and Kitayama, C., 2017.

Wavelength-selective solar photovoltaic systems: Powering greenhouses for plant growth at the food-energy-water nexus. *Earth's Future*, 5(10), pp.1044-1053.



COUNTY OF SAN MATEO - PLANNING AND BUILDING DEPARTMENT

ATTACHMENT E



State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

NOTICE OF EXEMPTION

TO: Office of Planning and Research
1400 Tenth Street
Sacramento, CA 95814

FROM: Department of Parks and Recreation
2241 Harvard Street, Suite 200
Sacramento, CA 95815

PROJECT TITLE: San Mateo Coast Restroom Replacement

LOCATION: Multiple State Parks

COUNTY: San Mateo

DESCRIPTION OF THE NATURE AND PURPOSE OF PROJECT: Remove a total of four (4) existing wood framed vault toilets, one (1) each at San Gregorio State Beach and Pomponio State Beach (1), and two (2) at Pescadero State Beach; and a total of four (4) chemical toilets, one (1) each at Burleigh H. Murray Ranch Park Property, Cowell Ranch, Bean Hollow State Beach, and Año Nuevo State Park and install new single, or double vault toilets to provide accessible restroom and day use facilities for Parks visitors. Work will include emptying all existing vaults prior to removal and dispose of effluent off-site; utilizing excavations from existing vault removals for new vaults; disposal off-site of all removed existing concrete, asphalt, and/or spoils; and installation of either a single or double precast concrete vault toilets at all locations. At each location, additional work will be as follows:

At Burleigh H. Murray:

- Excavate to pour a concrete walkway and a concrete ADA parking stall;
- Install a compacted aggregate transition to existing road;
- Install a 12-in deep drainage swale and 38 ft long trench for drainage;
- Install two (2) ADA signs, restripe for parking stalls and install wheel stops.

At Cowell Ranch:

- Excavate to pour a concrete apron around the new vault toilet, a concrete ADA parking stall, concrete curbing and a compacted aggregate transition to the existing road;
- Excavate a trench and install an aggregate base bench for drainage; and
- Install two (2) ADA signs on posts, stripe parking stalls and install wheel stops.

At San Gregorio State Beach:

- Install concrete curbing, a 2-car ADA concrete parking stall, a concrete walk, concrete access road and road transition and asphalt to patch existing disturbed areas;
- Excavate a 1 ft x 1 ft x 12 ft long trench to install a new drain;
- Install 3375 square feet of asphalt and 800 square feet of rock slope protection;
- Install a picnic shade structure, two (2) concrete picnic tables, wood mulch and a vehicle gate; and
- Install four (4) ADA signs on posts, stripe parking stalls and install wheel stops.

At Pomponio State Beach:

- Construct a concrete parking slab, a concrete walkway and patch the parking lot where needed;
- Excavate for a drainage swale;
- Install a display wooden display case, seven (7) ADA concrete picnic tables, one (1) barbecue, three (3) trash and recycle containers and relocate the existing self-pay station;
- Install a 12-ft wide x 4-ft tall metal pipe vehicle gate; and
- Install four (4) ADA signs, stripe parking stalls and install wheel stops.

At Pescadero North:

- Install concrete curbing, accessible concrete parking, of concrete walkways, a concrete ramp and asphalt to patch areas of the parking lot that were disturbed; and
- Install two (2) ADA signs on posts, stripe parking stalls and install wheel stops.

At Pescadero Central:

- Pour a concrete ADA parking stall, a concrete walkway, and asphalt to patch the parking lot where needed; and
- Install two (2) ADA signs on posts and one (1) set of trash & recycle containers, stripe parking stalls and install wheel stops.

At Bean Hollow:

- Pour an accessible concrete parking space, a concrete walkway from the parking lot to the new vault toilet a concrete ramp for accessibility, and asphalt to patch the parking lot where needed;
- Install a concrete picnic table pad and a drainage swale;
- Install a wooden display case and 900 sq. ft. of Jute mat at grade and hydroseed; and
- Install two (2) ADA signs, stripe parking stalls and install wheel stops.

At Año Nuevo:

- Construct 20 sq. ft. of curbed concrete ramp;
- Pour a 306 sq. ft. concrete accessible parking space;
- Pour an ADA compliant concrete walkway, a concrete apron around the vault toilet, and 20 ft. of concrete curb; and
- Install two (2) ADA signs, stripe parking stalls and install wheel stops.

PUBLIC AGENCY APPROVING THE PROJECT: California Department of Parks and Recreation

NAME OF DIVISION OR DISTRICT CARRYING OUT THE PROJECT: Northern Service Center

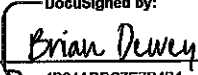
EXEMPT STATUS:

Categorical Exemption Class: 1, 2, 3 & 4 Section: 15301, 15302, 15303 & 15304

REASONS WHY PROJECT IS EXEMPT: Project consists of the operation, repair, maintenance or minor alteration of existing public or private structures or facilities involving negligible or no expansion of use beyond current levels; replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; construction and location of limited numbers of new, small facilities or structures included as "Construction of installation of park facilities, such as restrooms" in the Department of Parks and Recreation's list of exempt activities in accordance with CCR§15300.4; and minor public or private alterations in the condition of land and/or vegetation which do not involve the removal of mature, scenic trees.

CONTACT: Monica L. Aleman
Northern Service Center

PHONE NO.: (279) 499-1201
EMAIL: Monica.Aleman@parks.ca.gov

DocuSigned by:

 Brian Dewey 8/10/2023
 Assistant Deputy Director DATE
 Facilities and Development Division