

DRAWING NAME: \\bkf-r-c\vol4\2017\170231-11_MROSD_On-Cal_L_Eng-Restrooms-ADA\ENG\PLANNING\SHEETS\Monte-Bello\COO-MB-CS.dwg
PLOT DATE: 05-01-20 PLOTTED BY: cent

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT
MONTE BELLO RESTROOM & ADA IMPROVEMENTS
PALO ALTO, CALIFORNIA

MAY 5, 2020

APN: 351-06-025, PARCEL AREA: 843 ACRES

GENERAL NOTES

- PROJECT DESCRIPTION:**
THE PROPOSED MONTE BELLO RESTROOM AND ADA IMPROVEMENTS ARE LOCATED IN THE MONTE BELLO OPEN SPACE PRESERVE AT 4301 PAGE MILL ROAD IN LOS ALTOS, CA. THE PROJECT SHALL INCLUDE IMPROVEMENTS TO REPLACE AN EXISTING VAULT RESTROOM IN SITU, ADD ACCESSIBLE PARKING, AND PROVIDE AN ACCESSIBLE PATH OF TRAVEL FROM THE PARKING TO THE RESTROOM AND ON TO THE TRAIL HEAD. A VIABLE AND COST EFFICIENT WATER SOURCE IS NOT AVAILABLE ON SITE, THEREFORE, MIDPENINSULA REGIONAL OPEN SPACE DISTRICT ELECTS TO INSTALL A WATERLESS VAULT RESTROOM.
- EXISTING TOPOGRAPHY:**
THE EXISTING TOPOGRAPHY IS BASED ON TOPOGRAPHIC SURVEY PERFORMED BY BKF ENGINEERS DATED DECEMBER 5, 2019.
- BENCHMARK STATEMENT:**
THE ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

SITE BENCHMARK IS A 60D SPIKE SET IN DIRT.

ELEVATION 2216.53 (NAVD88).
- BASIS OF BEARINGS:**
BEARINGS AND DISTANCES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83). ALL DISTANCES SHOWN ARE GROUND LEVEL DISTANCES.
- THE FOLLOWING NOTES ARE ESTABLISHED MERELY TO GUIDE THE CONTRACTOR AS TO THE GENERAL ITEMS OF WORK INVOLVED AND ARE NOT INTENDED TO COVER COMPLETE SCOPE OF WORK. CONTRACTOR SHALL COMPLETE ALL WORK AS PER CONTRACT DOCUMENTS.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR PERSONS AND PROPERTY; THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
- ALL MATERIALS, AND WORK APPURTENANCES SHALL CONFORM WITH THESE PLANS AND THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE RULES AND REGULATIONS ESTABLISHED BY CAL-OSHA AND OTHER AGENCIES HAVING JURISDICTION OVER THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING ROADWAYS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADING, ETC. AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY NOTIFY THE ENGINEER OR DISTRICT REPRESENTATIVE UPON DISCOVERY OF ANY FIELD CONFLICTS.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES DONE WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER OR DISTRICT REPRESENTATIVE.
- ANY DEVIATIONS OR CHANGES IN THESE PLANS WITHOUT WRITTEN APPROVAL OF THE ENGINEER OR DISTRICT REPRESENTATIVE SHALL BE AT THE CONTRACTOR'S OWN RISK.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS SHOWN.
- CONTRACTOR SHALL CONFINE HIS OPERATIONS AND ACTIVITIES WITHIN THE PROJECT LIMITS, CONSISTING OF ROAD RIGHT-OF-WAY, UTILITY EASEMENTS, AND/OR PROJECT CONFORMS, AS SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL RESTORE ALL DAMAGED, REMOVED OR OTHERWISE DISTURBED WALLS, FENCES, SERVICES, UTILITIES, IMPROVEMENTS OR FEATURES OF WHATEVER NATURE, DUE TO CONTRACTOR'S WORK. SEPARATE PAYMENT FOR RESTORATION OF EXISTING IMPROVEMENTS TO THEIR ORIGINAL CONDITION WILL NOT BE MADE. COMPENSATION FOR THIS TASK SHALL BE CONSIDERED AS INCLUDED IN THE VARIOUS CONTRACT ITEMS OF WORK INVOLVED.
- VEGETATION AND IMPROVEMENTS SHALL BE REMOVED ONLY WHEN DIRECTED IN WRITING BY THE ENGINEER OR DISTRICT REPRESENTATIVE. NO TREES, VEGETATION, OR IMPROVEMENTS (INCLUDING FENCES) SHALL BE REMOVED WITHOUT PRIOR WRITTEN CONSENT AND APPROVAL OF THE ENGINEER OR DISTRICT REPRESENTATIVE.
- PLANT PATHOGEN MANAGEMENT:** TO PREVENT THE SPREAD OF PLANT PATHOGENS, CLEAN ALL EQUIPMENT AND FOOTWEAR PRIOR TO ENTERING THE SITE. FOR FURTHER REQUIREMENTS REFER TO THE CONTRACT DOCUMENTS FOR MINIMIZING PYTHOPHTHORA CONTAMINATION.

DEFERRED ITEMS

- BUILDING OFFICIAL GENERAL CONDITIONS OF APPROVAL:**
DEFERRED ITEMS SHALL NOT BE INSTALLED, CONSTRUCTED OR INSPECTED UNTIL REVIEWED AND APPROVED BY BUILDING SERVICES. THIS MAY INCLUDE APPROVAL FROM OTHER AGENCIES.
- DEFERRED ITEMS FOR THIS PROJECT:**
ALL CONTRACTOR SUBMITTALS SPECIFIED IN THE CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO:
2.1. CXT TIIGA DOUBLE VAULT RESTROOM WITH CHASE
CONTRACTOR TO PROVIDE ALL SUBMITTALS TO OWNER'S REPRESENTATIVE. REPRESENTATIVE SHALL COORDINATE CONTRACTOR SUBMITTAL REVIEW AND APPROVAL WITH THE BUILDING OFFICIAL THROUGHOUT THE WORK.

C.3 EXEMPTIONS

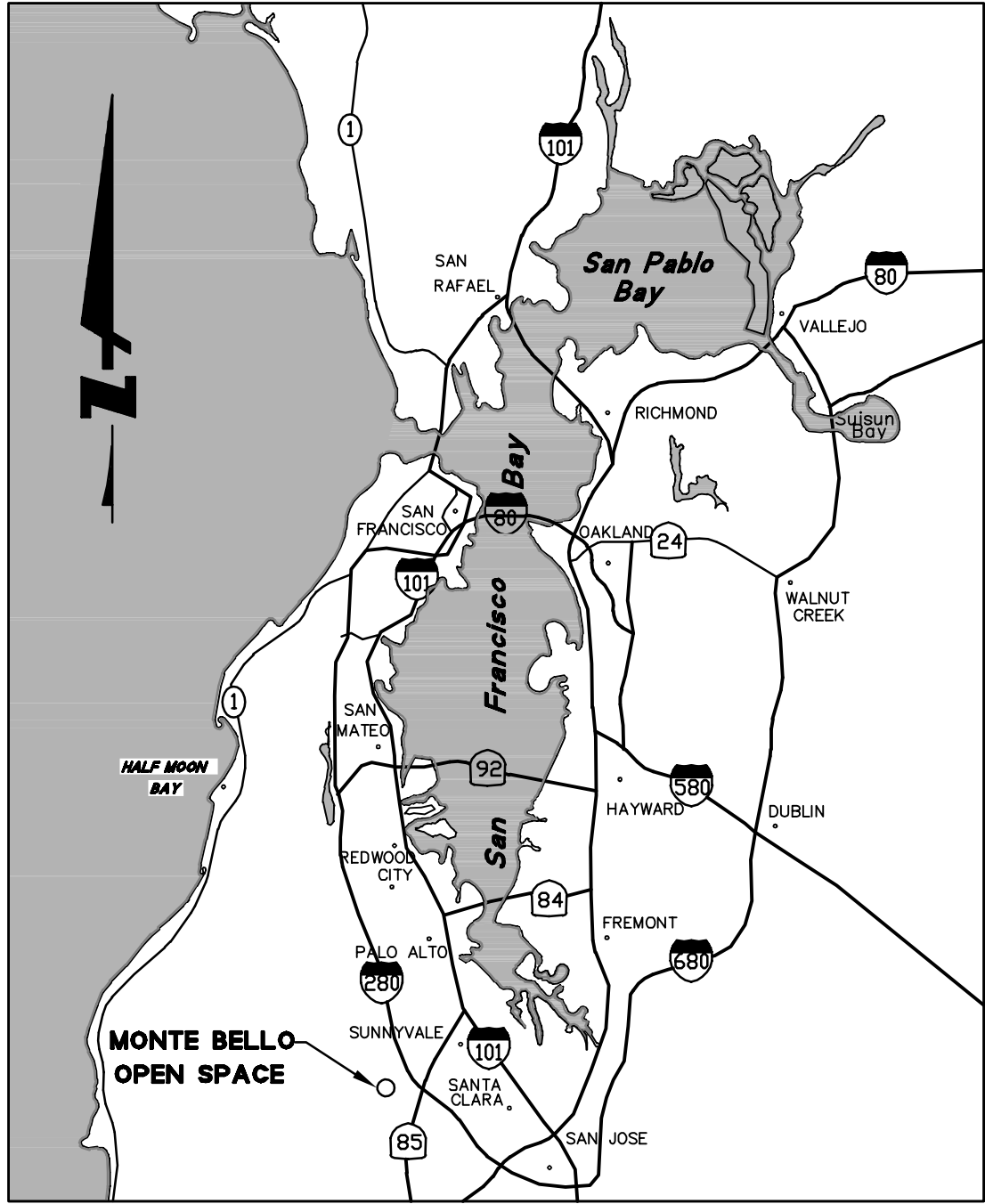
- THE PROJECT IS EXEMPT FROM C.3 STORMWATER REQUIREMENTS BASED ON NOT EXCEEDING THE FOLLOWING THRESHOLD FROM THE SANTA CLARA VALLEY C.3 STORMWATER HANDBOOK SECTION 2.3.1:
- PROJECTS INVOLVING SPECIAL LAND USE CATEGORIES INCLUDING UNCOVERED PARKING AREAS (STAND-ALONE OR PART OF ANOTHER USE)...THAT CREATE AND/OR REPLACE 5,000 SQUARE FOOT OR MORE OF IMPERVIOUS SURFACE ("REGULATED LAND USE PROJECTS") MUST COMPLY WITH PROVISION C.3.

SURVEY NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PROJECT CONSTRUCTION SURVEYING, INCLUDING ESTABLISHING ALL LINES AND GRADES REQUIRED FOR THE COMPLETION OF THE WORK. NO LINES AND/OR GRADES WILL BE SET BY THE DISTRICT.

THE DISTRICT RESERVES THE RIGHT TO CHECK THE CONTRACTOR'S WORK AT ANY TIME DURING THE PROJECT. CHECKS PERFORMED BY THE DISTRICT WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO PROPERLY LOCATE AND CONSTRUCT THE WORK IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

EXISTING SURVEY MONUMENTS LOCATED ADJACENT TO AND OUTSIDE OF CONSTRUCTION AREAS SHALL BE ADEQUATELY PROTECTED FROM ANY DAMAGE THAT MAY RESULT FROM THE CONTRACTOR'S OPERATIONS. ALL SURVEY MONUMENTS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REPLACED IN ACCORDANCE WITH THE PROVISIONS OF THE LAND SURVEYOR'S ACT, CODE OF THE STATE OF CALIFORNIA, AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DISTRICT'S REPRESENTATIVE IF ANY SURVEY MONUMENT IN THE WORK AREA IS ACCIDENTALLY DISTURBED OR DAMAGED.

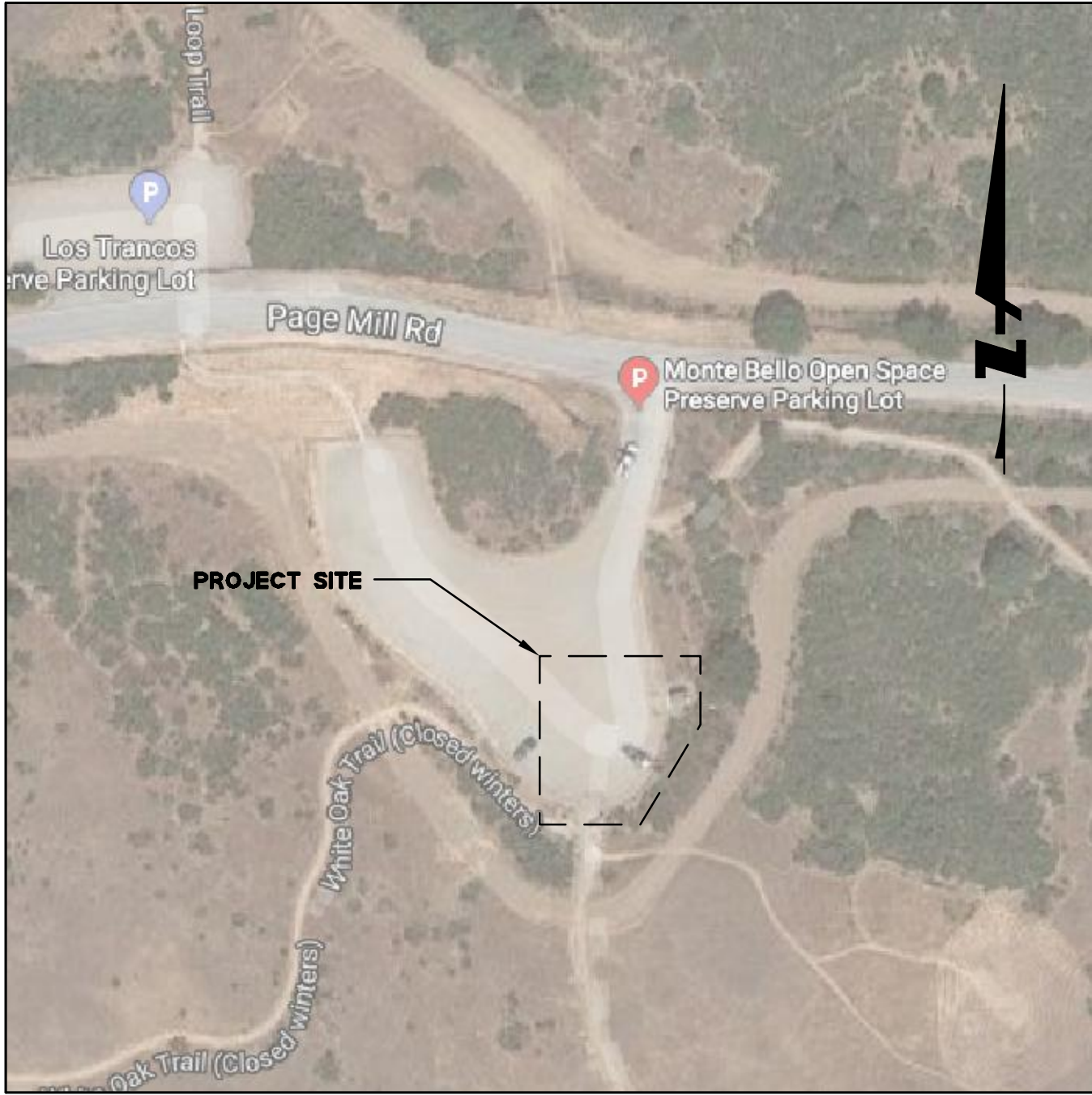


VICINITY MAP

NTS

ABBREVIATIONS

SYMBOL	DESCRIPTION
AB	AGGREGATE BASE
ADA	AMERICANS WITH DISABILITY ACT
APPROX	APPROXIMATE
BLDG	BUILDING
BW	BACK OF WALK
CB	CATCH BASIN
CONC	CONCRETE
CL	CENTERLINE, CLASS
EG	EXISTING GRADE
ELEV	ELEVATION
EOW	EDGE OF WALK
EP	EDGE OF PAVEMENT
EW	EACH WAY
FT	FEET
MROSD	MIDPENINSULA REGIONAL OPEN SPACE DISTRICT
(N)	NEW
NTS	NOT TO SCALE
OC	ON CENTER
(P), PR, PROP	PROPOSED
PCC	PORTLAND CEMENT CONCRETE
PVMT	PAVEMENT
SF	SQUARE FEET
SSMH	SANITARY SEWER MANHOLE
W/	WITH



LOCATION MAP

NTS

LEGEND

	PROPOSED	EXISTING
CONTOUR		20
TRAFFIC SIGN		
WHEEL STOP		
TREE		12" TREE
BUILDING		
SEWER MANHOLE		SS
FLOWLINE		
FENCE		
CONCRETE PAVEMENT		
CONCRETE WALKWAY		

SHEET INDEX	
SHEET C0.0	COVER SHEET
SHEET C0.1	EXISTING SITE PLAN
SHEET C1.0	DEMOLITION PLAN
SHEET C2.0	SITE PLAN
SHEET C3.0	CXT RESTROOM DETAILS
SHEET C3.1	CXT RESTROOM DETAILS
SHEET C4.0	EROSION CONTROL PLAN
SHEET C5.0	DETAILS
SHEET C5.1	DETAILS
SHEET T-1	SPECIAL TREE PROTECTION INSTRUCTION SHEET

PROPOSED QUANTITIES	
ADA PARKING	1,232 SF
SIDEWALK	589 SF
BUILDING PAD	171 SF
IMPERVIOUS COVERAGE	7.5%

EARTHWORK	
PARKING AREA	34.9 CY CUT
SIDEWALK AREA	8.3 CY CUT
RESTROOM AREA	21.6 CY CUT
TOTAL EARTHWORK	59.4 CY CUT

PARKING STALL QUANTITIES	
STANDARD PARKING STALLS	43
PARKING LOT AREA	9,360 SF
PROPOSED ADA STALLS	4
PROPOSED ADA PARKING AREA	1,232 SF

SCOTT REEVES
SENIOR CAPITAL PROJECT MANAGER
MIDPENINSULA REGIONAL OPEN SPACE DISTRICT

PREPARED BY:

BKF ENGINEERS
255 SHORELINE DR #200
REDWOOD CITY, CA 94065
(650) 482-6300

ENGINEER'S STATEMENT

THESE IMPROVEMENT PLANS HAVE BEEN PREPARED UNDER MY DIRECTION IN ACCORDANCE WITH STANDARD ENGINEERING PRACTICE.

JASON MANSFIELD
R.C.E. No. 59567
ASSOCIATE

DATE
EXP. 12/31/21
BKF ENGINEERS



Revisions		No.	Date
Scale	Design	CT	05/05/2020
Drawn	JC		
Approved	JM		
Job No	20170231-11		

Drawing Number:
C0.0
1 OF 9

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT
MONTE BELLO RESTROOM & ADA IMPROVEMENTS
COVER SHEET

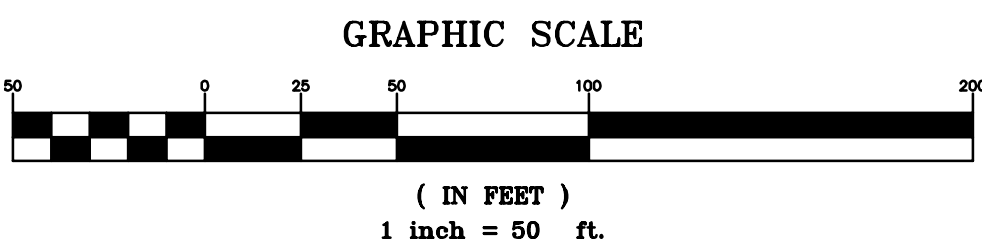
CITY OF PALO ALTO

SANTA CLARA COUNTY

100% SUBMITTAL



DRAWING NAME : \\Bkf-r-c\vol4\2017\170231-11_MROSD_On-Cal\Eng-Restrooms-ADA\ENGINEERING\PLANNING\Sheets\Monte-Bel\001-MB_EXSITE.dwg
PLOT DATE: 05-01-20 PLOTTED BY: cent





BKF 100
YEARS
ENGINEERS . SURVEYORS . PLANNERS



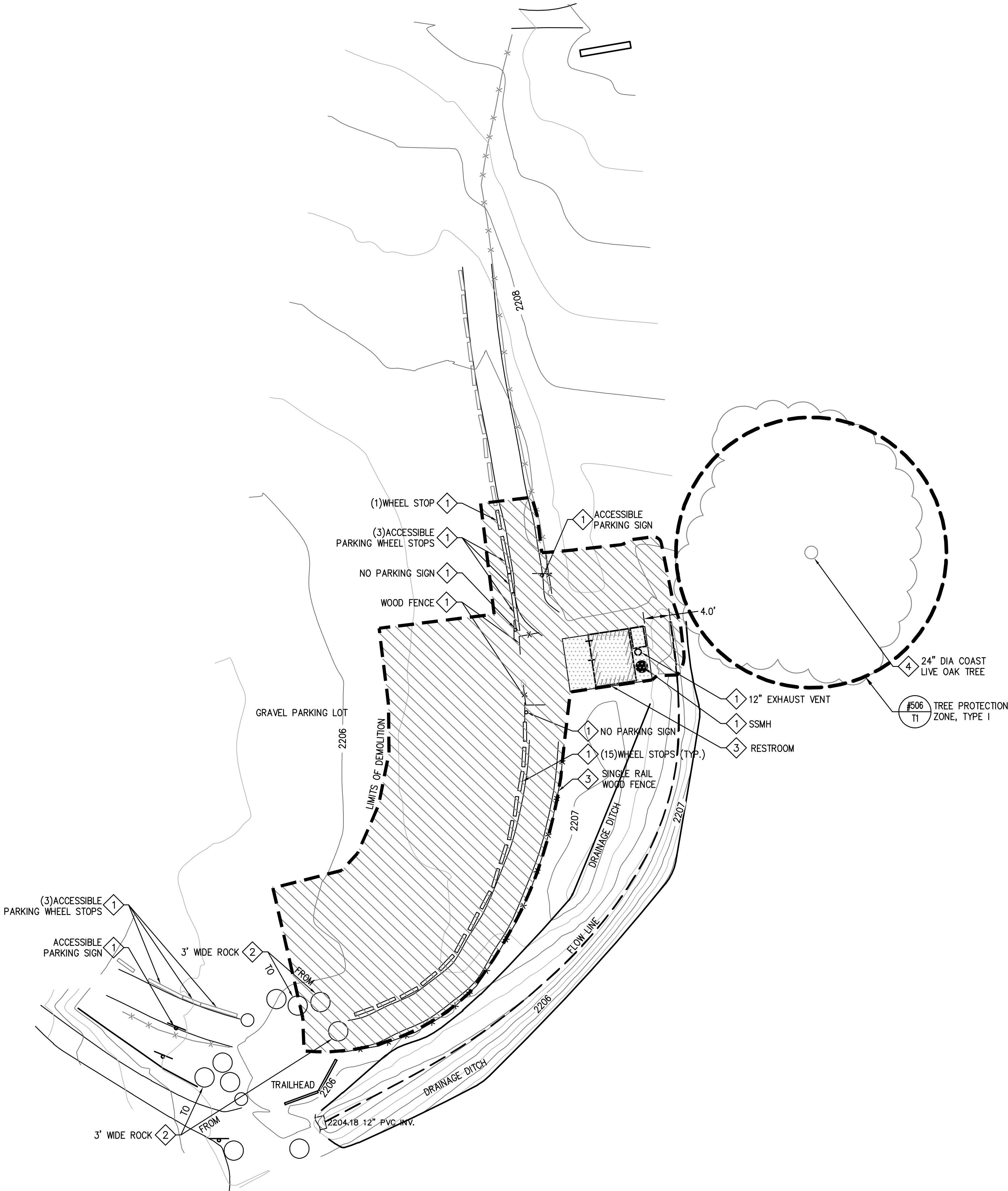
255 SHORELINE DR.,
SUITE 200
REDWOOD CITY, CA 94065
(650) 482-6300
www.bkf.com

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT
MONTE BELLO RESTROOM & ADA IMPROVEMENTS
EXISTING SITE PLAN

CITY OF PALO ALTO
SANTA CLARA COUNTY
CALIFORNIA

Revisions		No.	Date
Scale	05/05/2020		
Design	CT		
Drawn	JC		
Approved	JM		
Job No 20170231-11			
Drawing Number:			
CO.1		OF	9
2			

DRAWING NAME : \\Bkf--rc\vol4\2017\170231-11_MROSD_On-Cal_L_Eng-Restrooms-ADA\ENG\PLANNING\SHEETS\Monte-Bello\C10-MB_DEMO.dwg
PLOT DATE: 05-01-20 PLOTTED BY: cent



DEMOLITION LEGEND

- 1 EXISTING TO BE REMOVED
- 2 EXISTING TO BE RELOCATED
- 3 EXISTING TO BE REMOVED AND REPLACED
- 4 EXISTING TO REMAIN

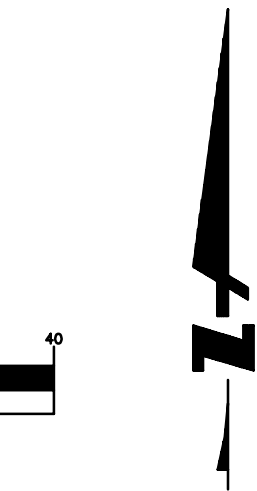
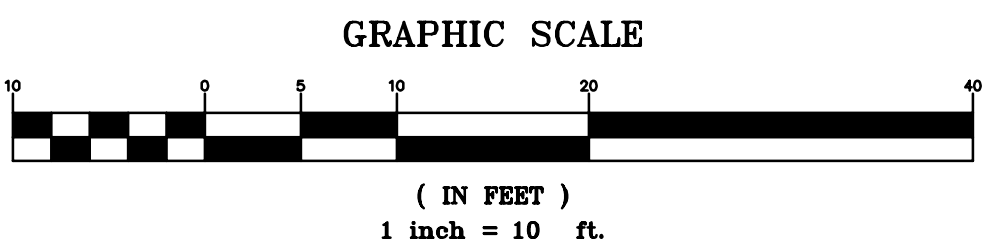
(E) IMPROVEMENTS TO BE DEMOLISHED UNLESS OTHERWISE NOTED

CLEAR AND GRUB

LIMIT OF DEMOLITION

DEMOLITION NOTES

- DISTRICT WILL PROVIDE A QUALIFIED BIOLOGIST TO INSPECT THE PROPOSED DEMOLITION AREA AND ADJACENT AREAS WITHIN 50 FEET FOR WOODRAT NESTS OR BADGER NESTS. IF ANY WOODRAT NESTS OR BADGER DENS ARE FOUND WITHIN THE AREA WHERE DEMOLITION WORK MUST TAKE PLACE, DISTRICT BIOLOGIST WILL COORDINATE WITH CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE (CDFW) TO OBTAIN APPROVAL TO RELOCATE THE NEST. IF NESTS ARE FOUND OUTSIDE OF THE WORK AREA, BUT WITHIN 50 FEET OF THE WORK AREA, THE DISTRICT BIOLOGIST WILL ESTABLISH AN EXCLUSION ZONE TO ENSURE CONTRACTOR ACTIVITIES/EQUIPMENT REMAIN OUTSIDE THIS ZONE.
- SITE REVIEW: CONTRACTOR SHALL REVIEW DEMOLITION REQUIREMENTS ON SITE WITH DISTRICT'S REPRESENTATIVE PRIOR TO COMMENCING DEMOLITION OPERATIONS. CONTRACTOR SHALL SUBMIT A PRE-DEMOLITION VIDEO OF SURVEY OF EXISTING CONDITIONS TO THE DISTRICT PER THE PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL RELOCATE BOULDERS AS SHOWN ON PLAN. EXISTING BOULDERS NEAR THE TRAILHEAD OUTSIDE OF THE DEMOLITION LIMITS SHALL BE PROTECTED IN PLACE.
- EXISTING GRAVEL PARKING LOT IS APPROXIMATELY 6" OF GRAVEL OVER MEDIUM DENSE CLAYEY SAND WITH GRAVEL, OR STIFF SILTY CLAY WITH GRAVELS. SEE GEOTECHNICAL REPORT PREPARED BY GEOCON CONSULTANTS, JANUARY 2020 FOR ADDITIONAL INFORMATION ON THE SITE'S EXISTING SURFACE CHARACTERISTICS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY PUBLICLY OWNED OR PROTECTED TREES THAT ARE DAMAGED DURING THE COURSE OF CONSTRUCTION, PURSUANT TO TITLE 8 OF THE PALO ALTO MUNICIPAL CODE, AND CITY TREE TECHNICAL MANUAL, SECTION 2.25.
- NO STORAGE OF MATERIAL, TOPSOIL, VEHICLES, OR EQUIPMENT SHALL BE PERMITTED WITHIN THE TREE ENCLOSURE AREA. THE GROUND UNDER AND AROUND THE TREE CANOPY AREAS SHALL NOT BE ALTERED. TREES TO BE RETAINED SHALL BE IRRIGATED, AERATED, AND MAINTAINED AS NECESSARY TO ENSURE SURVIVAL.
- ANY APPROVED GRADING, DIGGING OR TRENCHING BENEATH A TREE CANOPY SHALL BE PERFORMED USING "AIR-SPADE" METHOD AS A PREFERENCE, WITH MANUAL HAND SHOVEL AS A BACKUP. FOR UTILITY TRENCHING, INCLUDING SEWER LINE, ROOTS EXPOSED WITH DIAMETER OF 1.5 INCHES AND GREATER SHALL REMAIN INTACT AND NOT BE DAMAGED. IF DIRECTIONAL BORING METHOD IS USED TO TUNNEL BENEATH ROOTS, THEN TABLE 2-1, TRENCHING AND TUNNELING DISTANCE, SHALL BE PRINTED ON THE FINAL PLANS TO BE IMPLEMENTED BY CONTRACTOR.
- PRIOR TO ANY SITE WORK, VERIFICATION FROM THE CONTRACTOR THAT THE REQUIRED PROTECTIVE FENCING IS IN PLACE SHALL BE SUBMITTED TO THE URBAN FORESTRY SECTION OF THE CITY OF PALO ALTO. THE FENCING SHALL CONTAIN REQUIRED WARNING SIGN AND REMAIN IN PLACE UNTIL FINAL INSPECTION OF THE PROJECT.
- AT LOCATIONS WHERE ACCESSIBLE WHEEL STOPS ARE NOTED TO BE REMOVED, STANDARD, NON-PAINTED WHEEL STOPS SHALL BE INSTALLED AS NEEDED PER DIRECTION OF THE DISTRICT UNLESS OTHERWISE SHOWN ON THE PLANS.



BKF100 YEARS
ENGINEERS . SURVEYORS . PLANNERS

255 SHORELINE DR.,
SUITE 200
REDWOOD CITY, CA 94065
(650) 482-6300
www.bkf.com



MIDPENINSULA REGIONAL OPEN SPACE DISTRICT
MONTE BELLO RESTROOM & ADA IMPROVEMENTS
DEMOLITION PLAN

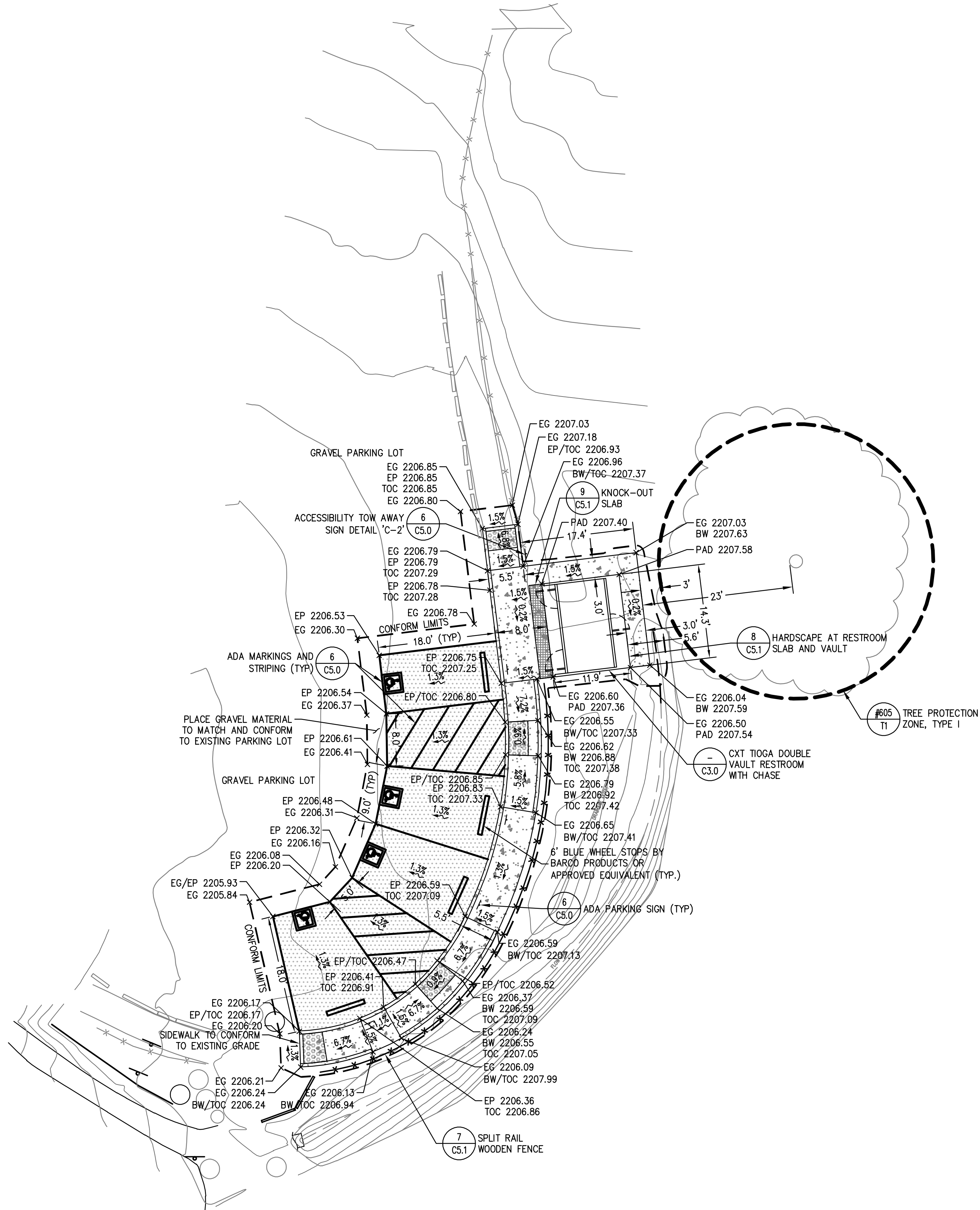
CITY OF PALO ALTO SANTA CLARA COUNTY CALIFORNIA

Date	Revisions	No.
05/05/2020		
Scale		
Design CT		
Drawn JC		
Approved JM		
Job No 20170231-11		

Drawing Number:
C1.0
3 OF 9

100% SUBMITTAL

DRAWING NAME: \\Bkf-r-c\vol4\2017\170231-11_MROSD_On-Cal_L_Eng-Restrooms-ADA\ENG\PLANNING\SHEETS\Monte-Bello\C20-MB_SITE.dwg
PLOT DATE: 05-01-20 PLOTTED BY: cent

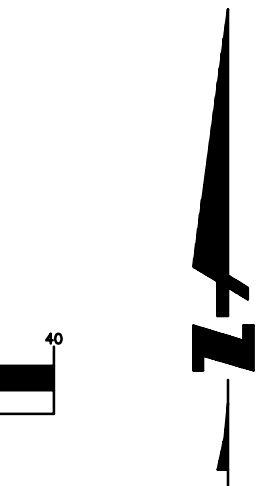
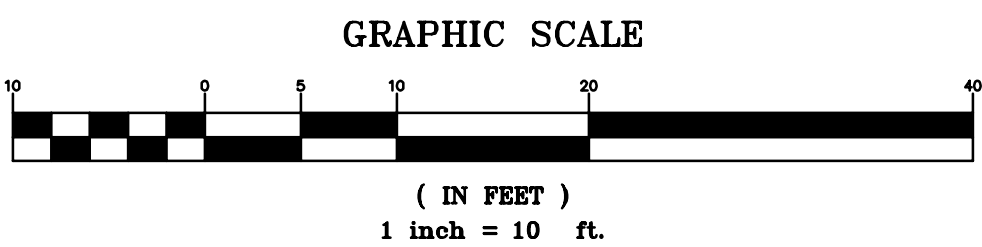


SITE PLAN LEGEND

- CONCRETE PARKING PAVEMENT
4" PCC/6" CL 2 AB COMPACTED TO
MIN 95% RELATIVE COMPACTION
- CONCRETE SIDEWALK
4" PCC/6" CL 2 AB COMPACTED TO
MIN 90% RELATIVE COMPACTION
- DETECTABLE WARNING SURFACE
- KNOCK-OUT SLAB (9 C5.1)
- CONFORM LIMIT

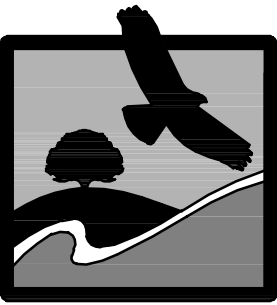
SITE PLAN NOTES

- CONTRACTOR SHALL ADHERE TO THE GEOTECHNICAL RECOMMENDATIONS FOUND IN THE REPORT PREPARED BY GEOCON TITLED, "GEOTECHNICAL INVESTIGATION: RESTROOM REPLACEMENTS VARIOUS MROSD OPEN SPACE PRESERVE PARKING LOTS," DATED JANUARY 2020 FOR WORK RELATED TO RESTROOM, SIDEWALK, AND PAVEMENT CONSTRUCTION.
- CONCRETE SIDEWALK SHALL BE REINFORCED WITH NO. 3 REBAR PLACED 24" ON CENTER IN BOTH HORIZONTAL DIRECTIONS, POSITIONED NEAR THE SLAB MIDPOINT. PRIOR TO PLACEMENT OF THE SIDEWALK AGGREGATE BASE, THE SUBGRADE SHOULD BE MOISTURE CONDITIONED TO AT LEAST 2% ABOVE OPTIMUM AND COMPACTED TO AT LEAST 90% COMPACTION. SEE DETAIL 4 ON C5.1.
- CONCRETE PARKING PAVEMENT SHALL BE REINFORCED WITH NO. 3 REBAR PLACED 24" ON CENTER IN BOTH HORIZONTAL DIRECTIONS. PRIOR TO PLACEMENT OF THE PARKING PAVEMENT AGGREGATE BASE, THE UPPER 12" OF PAVEMENT SUBGRADE SHOULD BE SCARIFIED, MOISTURE CONDITIONED TO AT LEAST 2% ABOVE OPTIMUM AND COMPACTED TO AT LEAST 95% COMPACTION. SEE DETAIL 3 ON C5.1.
- CRACK CONTROL JOINTS FOR THE CONCRETE IMPROVEMENTS SHALL BE SPACED AT INTERVALS NOT GREATER THAN 8 FEET AND EXTEND A MINIMUM DEPTH OF 1", AND SHOULD BE CONSTRUCTED USING TROWEL JOINTS AS SOON AS PRACTICAL AFTER CONCRETE PLACEMENT.
- AT ACCESSIBLE PARKING STALLS, SLOPES STEEPER THAN 1.5% IN ANY DIRECTION ARE NOT PERMITTED. SEE DETAIL 6 ON C5.0.
- SEGMENT OF EXISTING DRAINAGE SWALE WILL BE IMPACTED BY GRADING IMPROVEMENTS. CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS. HORIZONTAL SETBACK FROM NEW VAULT TO THE REALIGNED SWALE SHALL AT A MINIMUM EQUAL THE SETBACK FROM THE EXISTING VAULT TO THE EXISTING SWALE. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE TOWARD EXISTING DRAINAGE DITCH TO MATCH EXISTING CONDITION. DISTURBED AREA SHALL BE RESTORED AS NEEDED TO PRE-PROJECT CONDITIONS TO MAINTAIN PRE-PROJECT DRAINAGE PATTERNS.
- SEE DETAIL 9 ON C5.1 FOR KNOCKOUT SLAB TO BE PLACED ADJACENT TO PROPOSED RESTROOM.



255 SHORELINE DR.,
SUITE 200
REDWOOD CITY, CA 94065
(650) 482-6300
www.bkf.com

BKF100
YEARS
ENGINEERS . SURVEYORS . PLANNERS



MIDPENINSULA REGIONAL OPEN SPACE DISTRICT
MONTE BELLO RESTROOM & ADA IMPROVEMENTS

SITE PLAN

CALIFORNIA

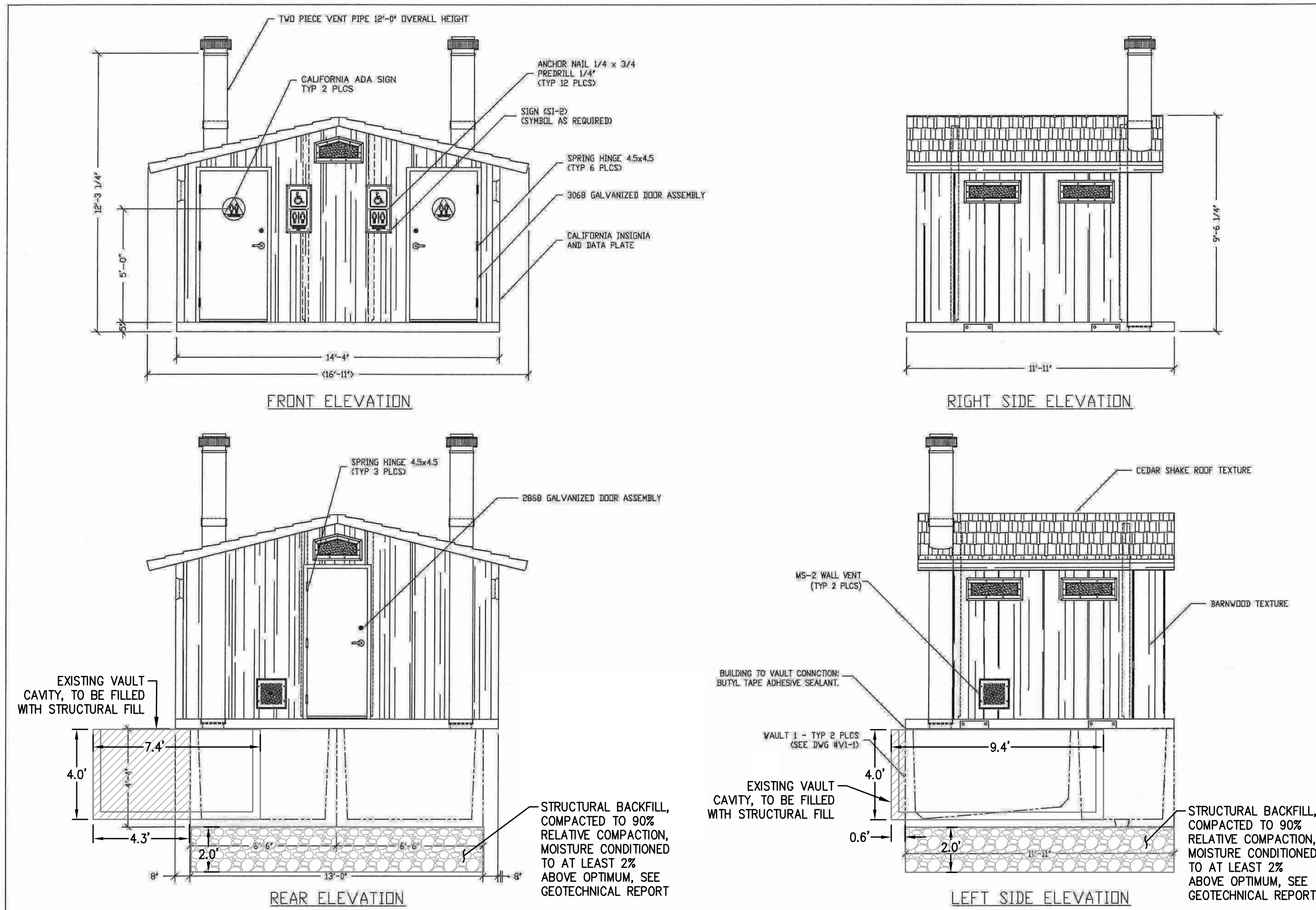
SANTA CLARA COUNTY

CITY OF PALO ALTO

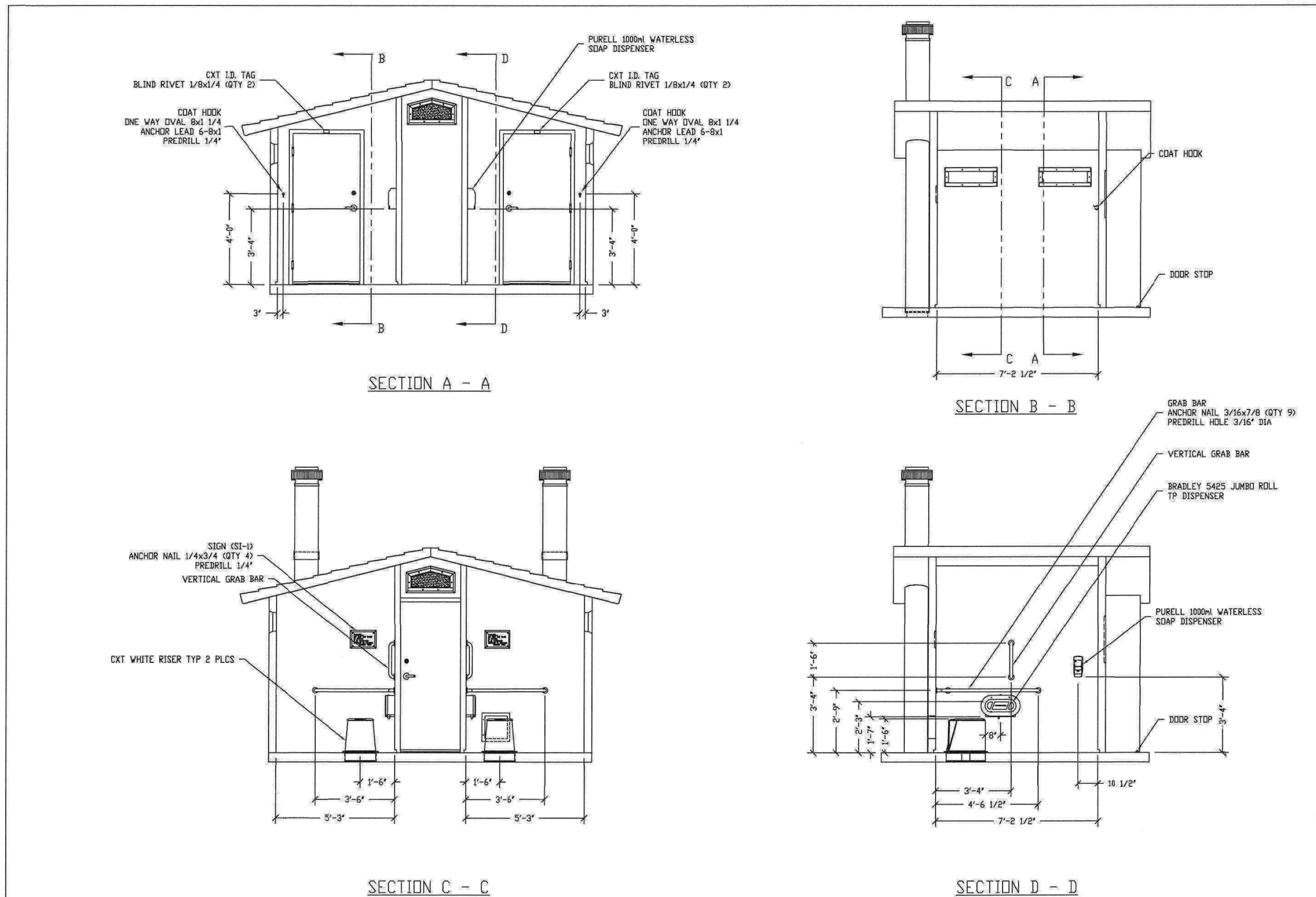
Date	Scale	No.	Revisions
05/05/2020	Design	CT	
	Drawn	JC	
	Approved	JM	
	Job No	20170231-11	

Drawing Number:
C2.0
4 OF 9

100% SUBMITTAL



ORDERED MATERIALS	
ITEM	QTY
VENT PIPE 3'-0"	2
VENT PIPE 9'-0"	2
3068 DOOR ASSEMBLY	2
3068 DOOR ASSEMBLY	2
ANCHOR NAIL 1/4x3/4	12
SPRING HINGE 4.5x4.5	8
S-2	2
CALIFORNIA UNISEX SIGN	2
SOLAR VENT FAN KIT	2
CU. FT. CONG.	SQ. FT. M.W.F.
APPROXIMATE WEIGHT	
STRUCTURAL DESIGN & MANAGEMENT, INC.	
1100000 CLARKSON DRIVE CLARKSON, NJ 07066	
CARTER A. SCHWARTZ, P.E. PH: 908.233.0111 FAX: 908.233.0111	
3000 N. Sullivan Blvd., #7 Spokane, WA 99218	
CXT Precast Products	
801 N. Highway 77 Midland, TX 79645	
TIOGA WITH CHASE BUILDING NUMBER T-3887	
The information contained herein is preliminary and the user is advised that it is not intended to be used for the construction of any building. It is the responsibility of the user to verify the accuracy of the information and to consult with the appropriate authorities for the latest information. No warranty is made by the user for the use of the information for any purpose other than that for which it was intended. No warranty is made for the use of the information for any purpose other than that for which it was intended.	
CXT Incorporated	
BUILDING ELEVATION	
DWG NO. TWC-02	
SHEET 2	
REV. 18	

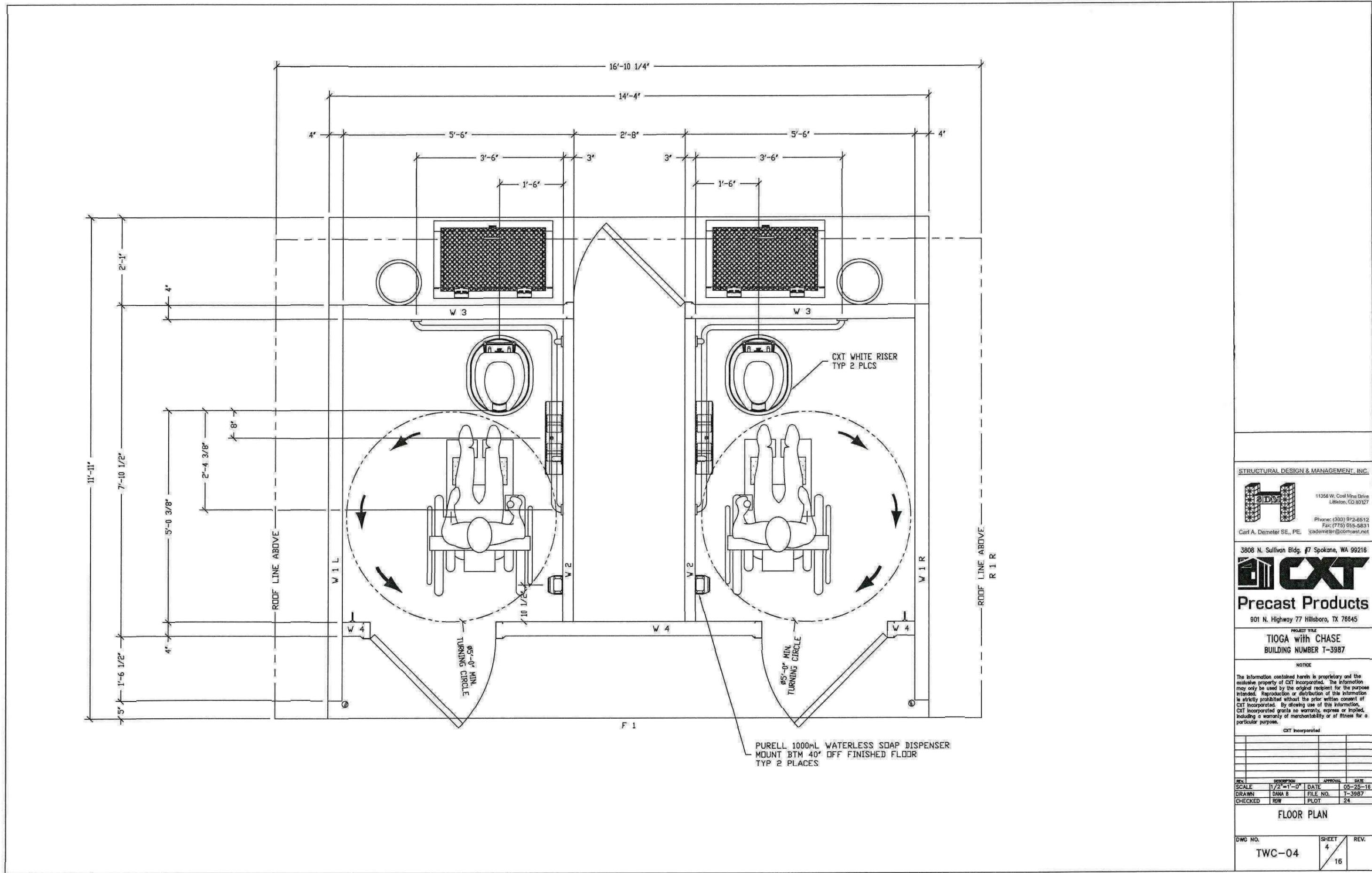


ORDERED MATERIALS	
ITEM	QTY
CXT WHITE RISER	2
GRAB BAR	2
BRADLEY JUMBO TP DISPENSER	2
COAT HOOK	2
DOOR STOP	2
S-1	4
BLIND RIVET 1/8x1/4	2
CXT I.D. TAG	2
ANCHOR NAIL 1/4x1	12
ANCHOR NAIL 1/4x3/4	8
ANCHOR NAIL 5/16x7/8	18
ONE WAY COWL 5/8 1/4	4
ONE WAY COWL 5/8 1/4	4
ANCHOR LEAD 5-B1	4
VERTICAL GRAB BAR	2
PURELL SOAP DISPENSER	2
CU. FT. CONG.	SQ. FT. M.W.F.
APPROXIMATE WEIGHT	
STRUCTURAL DESIGN & MANAGEMENT, INC.	
1100000 CLARKSON DRIVE CLARKSON, NJ 07066	
CARTER A. SCHWARTZ, P.E. PH: 908.233.0111 FAX: 908.233.0111	
3000 N. Sullivan Blvd., #7 Spokane, WA 99218	
CXT Precast Products	
801 N. Highway 77 Midland, TX 79645	
TIOGA WITH CHASE BUILDING NUMBER T-3887	
The information contained herein is preliminary and the user is advised that it is not intended to be used for the construction of any building. It is the responsibility of the user to verify the accuracy of the information and to consult with the appropriate authorities for the latest information. No warranty is made by the user for the use of the information for any purpose other than that for which it was intended. No warranty is made for the use of the information for any purpose other than that for which it was intended.	
CXT Incorporated	
INTERIOR ELEVATIONS	
DWG NO. TWC-03	
SHEET 3	
REV. 18	

GENERAL NOTES

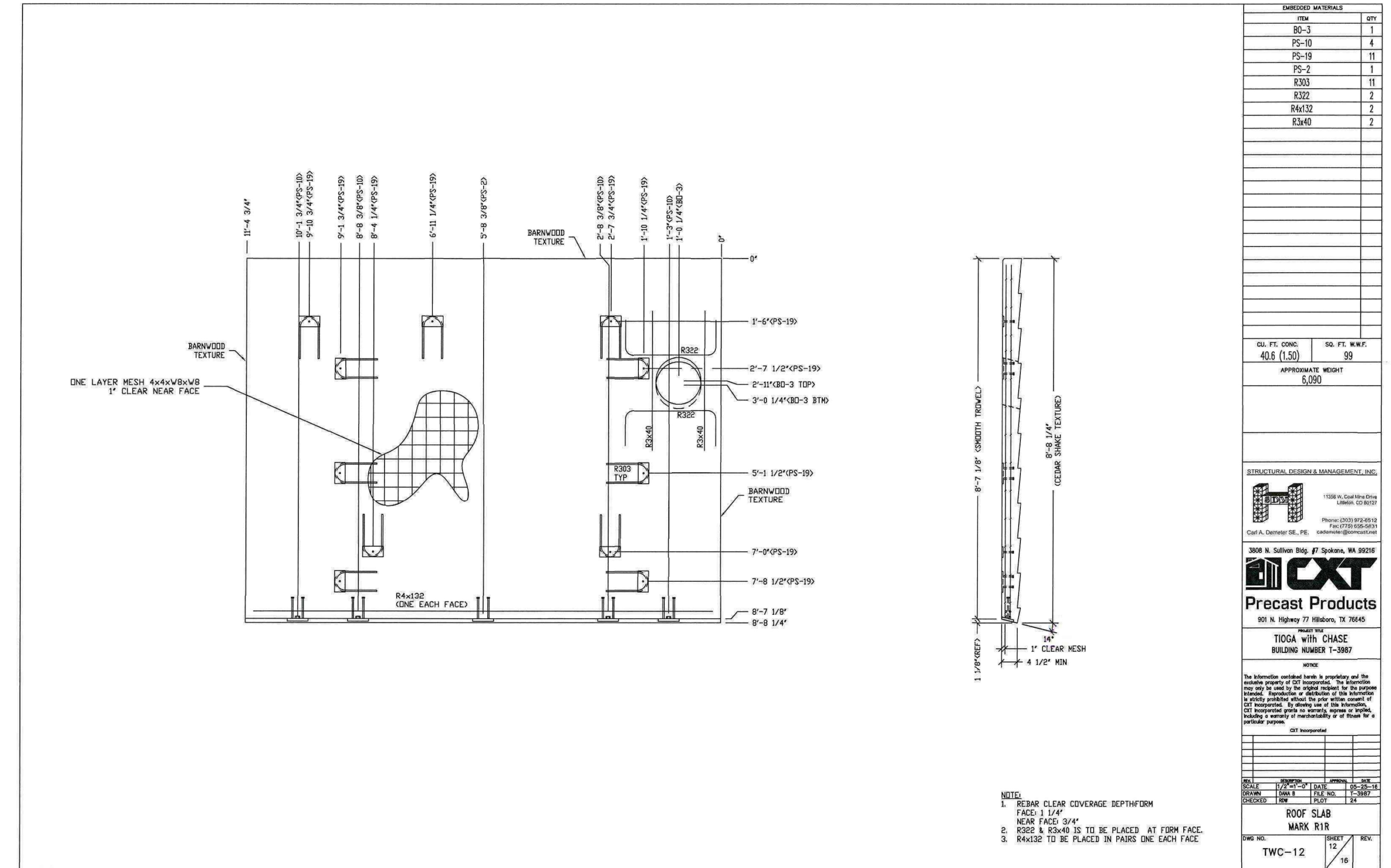
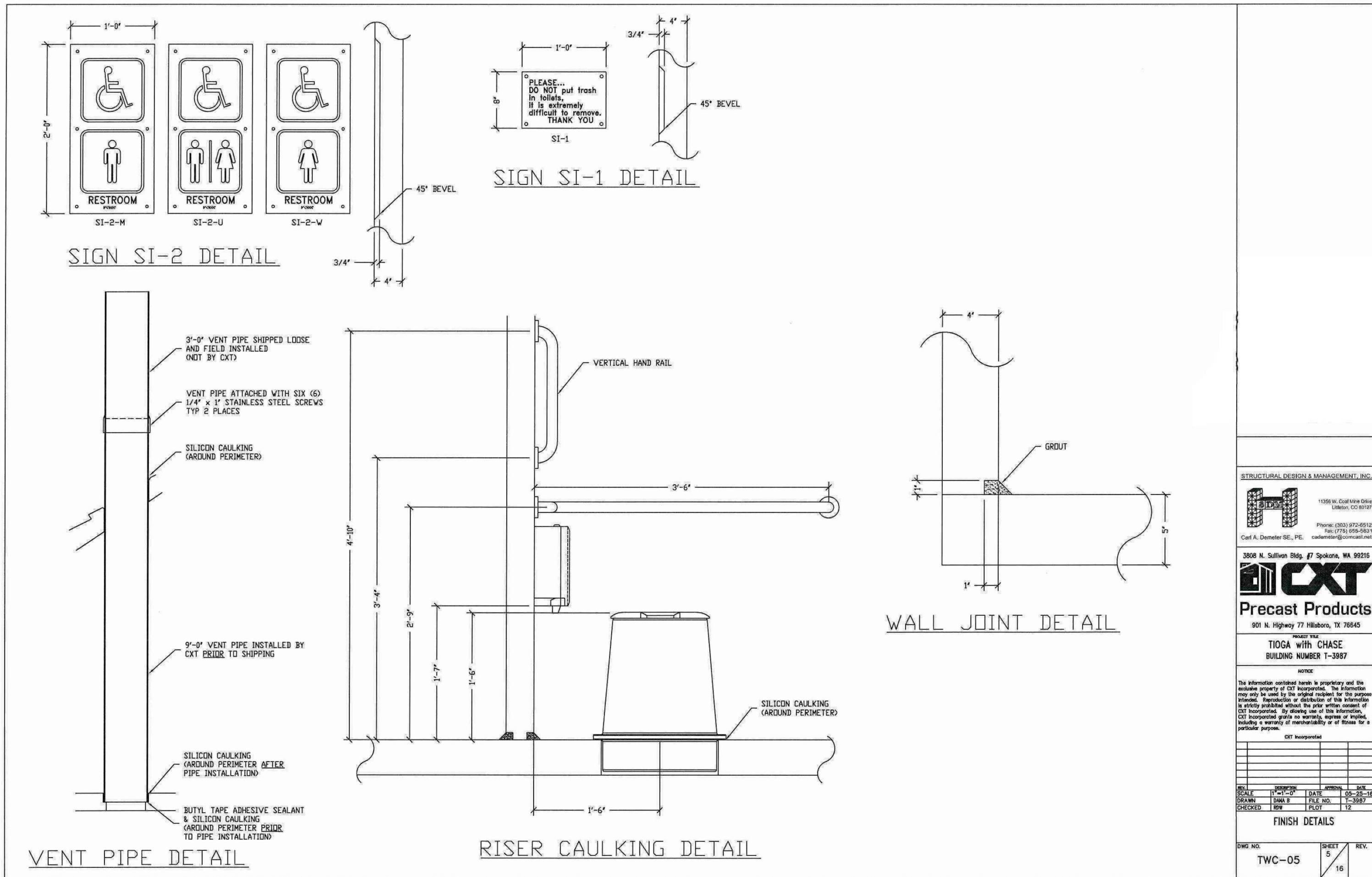
- RESTROOM SHALL BE DESIGNED TO MEET PROVISIONS OF THE 2019 CBC, 2018 IBC, AMERICAN WITH DISABILITIES ACT (ADA) REQUIREMENTS, AND UNIFORM FEDERAL ACCESSIBILITY STANDARDS.
- BUILDING DESIGN SHALL COMPLY WITH THE PROVISIONS OF THE 2019 CBC FOR THE FOLLOWING CHARACTERISTICS:
SITE CLASS D
SEISMIC GROUP: II
SEISMIC DESIGN CATEGORY: E
- BUILDING TYPE: IBC TYPE V-B, OCCUPANCY: U, EXTERIOR WALLS: 1-HR RATED PER IBC TABLE 721.1(2), ITEM 4-1.1
- BUILDING SHALL COMPLY WITH 2019 CBC CHAPTER 7A FOR WILD LAND URBAN INTERFACE.
- BUILDING SHALL COMPLY WITH SEISMIC HAZARD ZONE D FOUNDATION ATTACHMENT PER 2019 CBC VOLUME 2 SECTION 1808.
- WORK TO BE DONE FOR RESTROOM VAULT INSTALLATION SHALL PER PERFORMED PER THE GEOTECH REPORT EXCEPT WHERE NOTED TO BE PERFORMED PER MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR TO PREPARE SITE AND EXCAVATE FOR RESTROOM VAULT AND INSTALLATION PAD GRADE AFTER EXISTING VAULT RESTROOM DEMOLITION. COMPLY WITH ALL APPLICABLE OSHA STANDARDS FOR EXCAVATION.
- SEE GEOTECHNICAL REPORT FOR COMPACTION AND GRADING REQUIREMENTS FOR THE VAULT AND RESTROOM PAD.
- PER MANUFACTURER'S RECOMMENDATIONS FOR RESTROOM VAULT, CONTRACTOR TO PLACE 2" LEVELING COURSE OF BEDDING MATERIAL (SAND OR 3/8" CRUSHED OR SCREENED AGGREGATE).
- PER MANUFACTURER'S REQUIREMENTS, BACKFILL MATERIAL AROUND THE VAULT SHALL BE 3/8" CRUSHED OR SCREENED AGGREGATE.
- FILTER FABRIC TO BE INSTALLED TO SEPARATE AGGREGATE FROM ADJACENT SOILS PER GEOTECHNICAL RECOMMENDATIONS.
- CONTRACTOR TO USE MATERIAL FINISHES AS FOLLOWS:
A. BARNWOOD WALLS IN NATURAL HONEY.
B. CEDAR SHAKE ROOF IN NUSS BROWN.
- CONTRACTOR TO USE BUILDING MATERIALS IN ACCORDANCE WITH THE TIOGA SPECIAL BUILDING SPECIFICATIONS.
- RESTROOM IS APPROXIMATELY 171 SF IN AREA.
- DOOR THRESHOLD SHALL MEET THE REQUIREMENTS OF 2019 CBC 11B-404.2.5. BOTTOM OF DOORS SHALL MEET THE REQUIREMENTS OF 2019 CBC 11B-404.2.10.
- DOOR HARDWARE SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM PER 2019 CBC 11B-404.2.7 & 11B-509.4.
- FORCE FOR PUSHING AND PULLING OPEN A DOOR SHALL BE 5 POUNDS MAXIMUM PER 2019 CBC 11B-404.2.9.
- DOORS EQUIPPED WITH CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM PER 2019 CBC 11B-404.2.8.

- GRAB BARS SHALL BE 1 1/2" TO 2" IN CROSS SECTION, AND THERE SHALL BE A SPACE OF 1 1/2" BETWEEN THE GRAB BAR AND THE WALL PER 2019 CBC 11B-609.
- SI-2-U SIGN SHALL BE USED FOR BOTH RESTROOMS. UNISEX SIGN SHALL BE PLACED ON EACH DOOR, CONFORMING TO ADA STANDARDS.
- CEILING HEIGHT SHALL NOT BE LESS THAN 7' PER 2019 CBC 1207.2



STRUCTURAL DESIGN & MANAGEMENT, INC.	
1100000 CLARKSON DRIVE CLARKSON, NJ 07066	
CARTER A. SCHWARTZ, P.E. PH: 908.233.0111 FAX: 908.233.0111	
3000 N. Sullivan Blvd., #7 Spokane, WA 99218	
CXT Precast Products	
801 N. Highway 77 Midland, TX 79645	
TIOGA WITH CHASE BUILDING NUMBER T-3887	
The information contained herein is preliminary and the user is advised that it is not intended to be used for the construction of any building. It is the responsibility of the user to verify the accuracy of the information and to consult with the appropriate authorities for the latest information. No warranty is made by the user for the use of the information for any purpose other than that for which it was intended. No warranty is made for the use of the information for any purpose other than that for which it was intended.	
CXT Incorporated	
FLOOR PLAN	
DWG NO. TWC-04	
SHEET 4	
REV. 18	





CXT TIOGA DOUBLE VAULT RESTROOM WITH CHASE

C3.1



BKF100 YEARS
ENGINEERS • SURVEYORS • PLANNERS



MIDPENINSULA REGIONAL OPEN SPACE DISTRICT
MONTE BELLO RESTROOM & ADA IMPROVEMENTS
CXT RESTROOM DETAILS

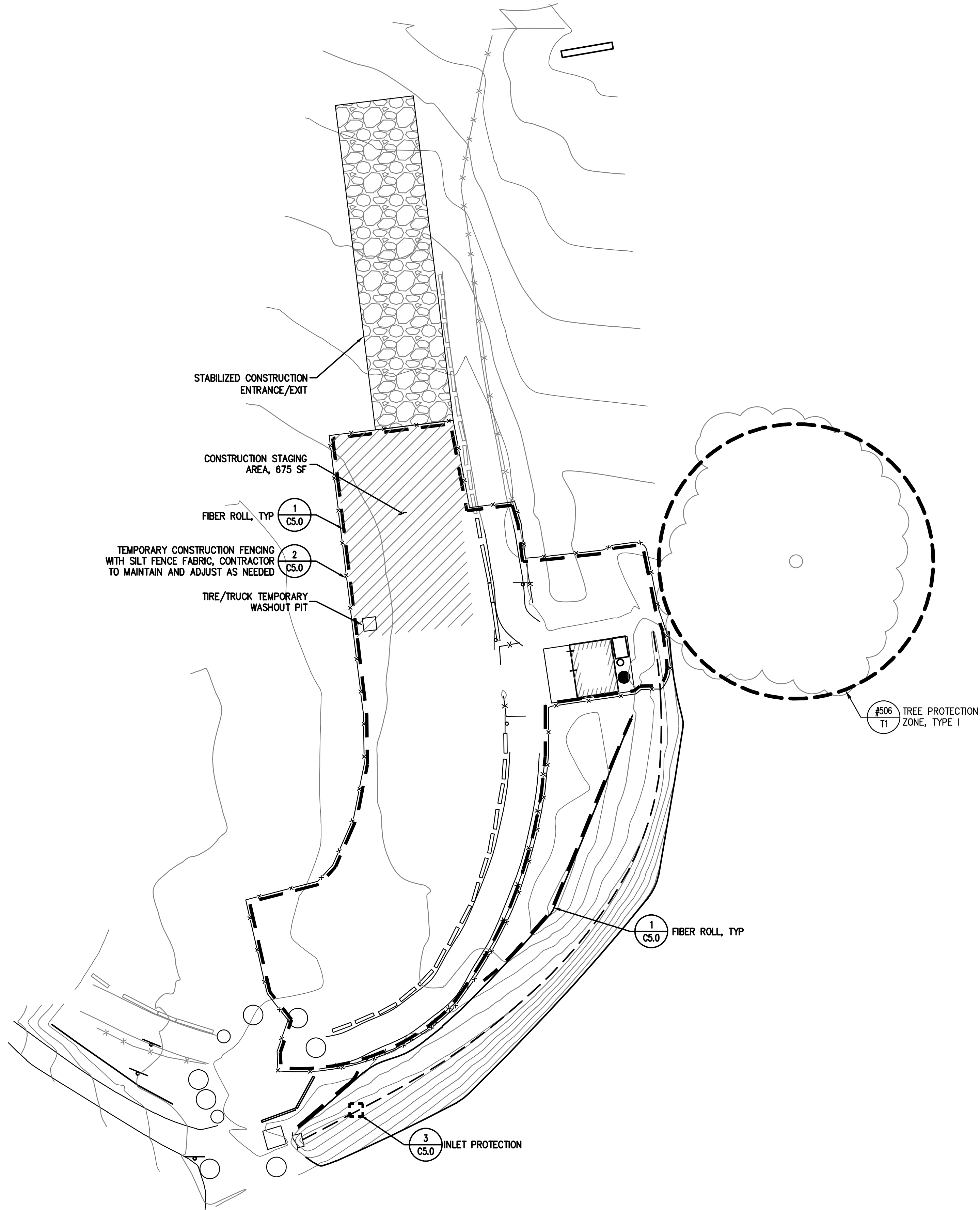
Revisions	No.	Date	By	Check	Appr.

Date: 05/05/2020
Scale: Design
Drawn: JC
Approved: JM
Job No: 20170231-11

Drawing Number: **C3.1**
6 OF 9

100% SUBMITTAL

DRAWING NAME: \\bkf-r-c\vol4\2017\170231-11_MROSD_On-Cal_L_Eng-Restrooms-ADA\ENG\PLANNING\SHEETS\Monte-Bello\C4D-MB_EC.dwg
PLOT DATE: 05-01-20 PLOTTED BY: cent



EROSION CONTROL LEGEND

- TEMPORARY SILT FENCE WITH FABRIC, CONTRACTOR TO MAINTAIN AND ADJUST AS NEEDED
- FIBER ROLL
- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE/EXIT
- TIRE/TRUCK TEMPORARY WASHOUT PIT

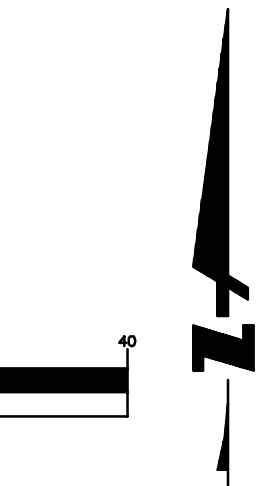
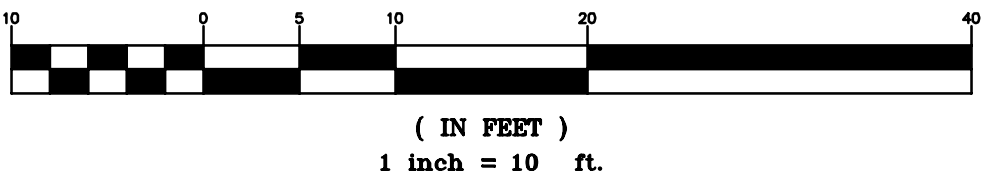
URBAN ROADWAY EROSION PREVENTION AND SEDIMENT CONTROL NOTES

- PERFORM EROSION PREVENTION AND SEDIMENT CONTROL IN ACCORDANCE WITH THE LATEST EDITION OF APPENDIX CHAPTER 33 OF THE CALIFORNIA BUILDING CODE, APPLICABLE SAN MATEO COUNTY REGULATIONS, AND SECTION 20 OF THE CALTRANS STANDARD SPECIFICATIONS.
- THE APPROVED PLANS SHALL CONFORM WITH THE EROSION PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES CONTAINED IN THE LATEST EDITIONS OF THE FOLLOWING PUBLICATIONS OR AN EQUIVALENT BEST MANAGEMENT PRACTICE:

STORMWATER MANAGEMENT PLAN BY THE SAN MATEO COUNTYWIDE STORMWATER POLLUTION PREVENTION PROGRAM.
EROSION AND SEDIMENT CONTROL FIELD MANUAL BY THE SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD.
MANUAL OF STANDARDS FOR EROSION & SEDIMENT CONTROL MEASURES BY THE ASSOCIATION OF BAY AREA GOVERNMENTS.
CONSTRUCTION SITE BEST MANAGEMENT PRACTICES MANUAL BY CALTRANS.
STORMWATER BEST MANAGEMENT PRACTICE HANDBOOK BY THE CALIFORNIA STORMWATER QUALITY ASSOCIATION.
- IF DISCREPANCIES OCCUR BETWEEN THESE NOTES, MATERIAL REFERENCED HEREIN OR THE MANUFACTURER'S RECOMMENDATIONS, THEN THE MOST PROTECTIVE SHALL APPLY.
- THE OWNER IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. CAS000002 WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES OF STORM WATER RUNOFF ASSOCIATED WITH CONSTRUCTION ACTIVITY DISTURBING LAND EQUAL TO OR GREATER THAN ONE ACRE. CONSTRUCTION ACTIVITIES INCLUDE BUT ARE NOT LIMITED TO CLEARING, GRADING, EXCAVATION, STOCKPILING, AND RECONSTRUCTION OF EXISTING FACILITIES INVOLVING REMOVAL AND REPLACEMENT.
- PRESERVATION OF EXISTING VEGETATION SHALL OCCUR TO THE MAXIMUM EXTENT PRACTICABLE.
- THE OWNER IS RESPONSIBLE FOR PREVENTING STORM WATER POLLUTION GENERATED FROM THE CONSTRUCTION SITE YEAR ROUND. THE OWNER MUST IMPLEMENT AN EFFECTIVE COMBINATION OF EROSION PREVENTION AND SEDIMENT CONTROL ON ALL DISTURBED AREAS DURING THE RAINY SEASON (OCTOBER 15 - APRIL 15).
- EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED BY THE OWNER BEFORE FORECASTED STORM EVENTS AND AFTER ACTUAL STORM EVENTS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY. STORM EVENTS PRODUCE AT LEAST 1 INCH OF PRECIPITATION IN A 24 HOUR PERIOD. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES THAT HAVE FAILED OR ARE NO LONGER EFFECTIVE SHALL BE PROMPTLY REPLACED. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.
- CHANGES TO THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN MAY BE MADE TO RESPOND TO FIELD CONDITIONS. CHANGES SHALL BE NOTED ON THE PLAN WHEN MADE.
- DISCHARGES OF POTENTIAL POLLUTANTS FROM CONSTRUCTION SITES SHALL BE PREVENTED USING SOURCE CONTROLS TO THE MAXIMUM EXTENT PRACTICABLE. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SEDIMENT, TRASH, NUTRIENTS, PATHOGENS, PETROLEUM HYDROCARBONS, METALS, CONCRETE, CEMENT, ASPHALT, LIME, PAINT, STAINS, GLUES, WOOD PRODUCTS, PESTICIDES, HERBICIDES, CHEMICALS, HAZARDOUS WASTE, SANITARY WASTE, VEHICLE OR EQUIPMENT WASH WATER AND CHLORINATED WATER.
- ENTRANCE(S) TO THE CONSTRUCTION SITE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF POTENTIAL POLLUTANTS OFFSITE. POTENTIAL POLLUTANTS DEPOSITED ON PAVED AREAS WITHIN THE CITY RIGHT-OF-WAY, SUCH AS ROADWAYS AND SIDEWALKS, SHALL BE PROPERLY DISPOSED OF AT THE END OF EACH WORKING DAY OR MORE FREQUENTLY AS NECESSARY.
- THE OWNER SHALL PROTECT STORM DRAIN INLETS FROM POTENTIAL POLLUTANTS UNTIL DRAINAGE CONVEYANCE SYSTEMS ARE FUNCTIONAL AND CONSTRUCTION HAS BEEN COMPLETED.
- ENERGY DISSIPATERS SHALL BE INSTALLED AT CONCENTRATED STORM DRAIN RUNOFF LOCATIONS WHICH MAY CONVEY STORM WATER FLOW LEADING TO SOIL EROSION.
- SOIL AND MATERIAL STOCKPILES SHALL BE PROPERLY PROTECTED TO MINIMIZE SEDIMENT AND POLLUTANT TRANSPORT FROM THE CONSTRUCTION SITE.
- SOLID WASTE, SUCH AS TRASH, DISCARDED BUILDING MATERIALS AND DEBRIS, SHALL BE PLACED IN DESIGNATED COLLECTION AREAS OR CONTAINERS. THE CONSTRUCTION SITE SHALL BE CLEARED OF SOLID WASTE DAILY, OR AS NECESSARY, AND REGULAR REMOVAL AND PROPER DISPOSAL SHALL BE ARRANGED.
- A CONCRETE WASHOUT AREA, SUCH AS A TEMPORARY PIT, SHALL BE DESIGNATED TO CLEAN CONCRETE TRUCKS AND TOOLS. AT NO TIME SHALL CONCRETE PRODUCTS AND WASTE BE ALLOWED TO ENTER WATERWAYS SUCH AS CREEKS OR STORM DRAINS.
- PROPER APPLICATION, CLEANING AND STORAGE OF POTENTIALLY HAZARDOUS MATERIALS, SUCH AS PAINTS AND CHEMICALS, SHALL BE CONDUCTED TO PREVENT THE DISCHARGE OF POLLUTANTS.
- WHEN UTILIZED, TEMPORARY RESTROOMS AND SANITARY FACILITIES SHALL BE LOCATED AND MAINTAINED TO PREVENT THE DISCHARGE OF POLLUTANTS.
- APPROPRIATE VEHICLE STORAGE, FUELING, MAINTENANCE AND CLEANING AREAS SHALL BE DESIGNATED AND MAINTAINED TO PREVENT DISCHARGE OF POLLUTANTS.

SUPPLEMENTAL EROSION CONTROL NOTES

- THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. IN GENERAL, THE CONTRACTOR IS RESPONSIBLE FOR KEEPING SEDIMENT STORM RUN-OFF FROM LEAVING THE SITE. FIBER ROLLS AND SAND BAGS SHALL BE USED BY THE CONTRACTOR ON AN AS NEEDED BASIS TO INHIBIT SILT FROM LEAVING THE SITE AND ENTERING THE STORM DRAIN SYSTEM. ALL EXISTING, TEMPORARY, OR PERMANENT CATCH BASINS SHALL USE ONE OF THE SEDIMENT BARRIERS SHOWN.
- AS THE OWNER'S REPRESENTATIVE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO PUBLICLY AND/OR PRIVATELY OWNED AND MAINTAINED ROADS CAUSED BY THE CONTRACTOR'S GRADING ACTIVITIES, AND SHALL BE RESPONSIBLE FOR THE CLEANUP OF ANY MATERIAL SPILLED ON ANY PUBLIC ROAD ON THE HAUL ROUTE. ADJACENT PUBLIC ROADS SHALL BE CLEANED AT THE END OF EACH WORKING DAY. EROSION CONTROL MEASURES ARE REQUIRED DURING THE WET SEASON, STARTING OCTOBER 1 OF EACH YEAR. EROSION CONTROL FACILITIES SHALL BE MAINTAINED DAILY UNTIL APRIL 15.
- THE NAME OF THE PERSON RESPONSIBLE FOR THE DAILY MAINTENANCE OF THESE FACILITIES SHALL BE ON RECORD WITH THE CITY OF PALO ALTO ALONG WITH A PHONE NUMBER WHERE THEY CAN BE REACHED 24 HOURS A DAY. THESE FACILITIES SHALL CONTROL AND CONTAIN EROSION-CAUSED SILT DEPOSITS AND PROVIDE FOR THE SAFE DISCHARGE OF SILT-FREE STORM WATER INTO EXISTING AND PROPOSED STORM DRAIN FACILITIES. DESIGN OF THESE FACILITIES MUST BE APPROVED AND UPDATED EACH YEAR PRIOR TO SEPTEMBER 30 BY THE ENGINEER.
- AS THE OWNER'S REPRESENTATIVE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL SUB-CONTRACTORS, AND SUPPLIERS ARE AWARE OF ALL STORM WATER QUALITY MEASURES & IMPLEMENT SUCH MEASURES. FAILURE TO COMPLY WITH THE APPROVED CONSTRUCTION WILL RESULT IN THE ISSUANCE OF CORRECTION NOTICES, CITATIONS AND/OR A PROJECT STOP ORDER.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE OPERABLE YEAR-ROUND OR UNTIL DISTURBED AREAS ARE STABILIZED.
- DURING THE RAINY SEASON, ALL PAVED AREAS ARE TO BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE IS TO BE MAINTAINED SO AS TO MINIMIZE SEDIMENT RUNOFF TO ANY STORM DRAIN SYSTEM.
- AS THE OWNER'S REPRESENTATIVE, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT ALL EROSION CONTROL FACILITIES AND REPAIR ANY DAMAGED FACILITIES BY THE END OF THE WORK DAY DURING THE RAINY SEASON.
- BORROW AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES (TARPS, FIBER ROLLS, SILT FENCES ETC.) TO ENSURE SILT DOES NOT LEAVE THE SITE OR ENTER THE STORM DRAIN SYSTEM. REFER TO EROSION CONTROL AND SEDIMENT CONTROL FIELD MANUAL, 3RD EDITION, PREPARED BY THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, SAN FRANCISCO BAY REGION.
- ALL DIRT PILES AND HAUL TRUCKS SHALL BE COVERED.
- DURING PERIODS WHEN STORMS ARE FORECAST -
A. EXCAVATED SOILS SHOULD NOT BE PLACED IN STREETS OR ON PAVED AREAS.
B. ANY EXCAVATED SOILS SHOULD BE REMOVED FROM THE SITE BY THE END OF THE DAY.
C. WHERE STOCKPILING IS NECESSARY, USE A TARPAULIN OR SURROUND THE STOCKPILED MATERIAL WITH STRAW BALES, FIBER ROLL, OR OTHER RUNOFF CONTROLS.
D. USE INLET CONTROLS (E.G. FILTER MAT) FOR STORM DRAINS ADJACENT TO THE STOCKPILED SOIL.
E. THOROUGHLY SWEEP ALL PAVED AREAS EXPOSED TO SOIL EXCAVATION AND PLACEMENT.
- DURING PERIODS WHEN STORMS ARE NOT FORECAST -
A. PREVENT STOCKPILED MATERIAL FROM ENTERING THE STORM DRAIN SYSTEM
B. THOROUGHLY REMOVE LOOSE SOIL VIA SWEEPING FOLLOWING REMOVAL OF DIRT.
- DRAINAGE INLET SEDIMENT BARRIERS SHALL BE INSTALLED AS SOON AS THE STORM DRAINAGE SYSTEM IS INSTALLED.
- PRIOR TO PAVING, FIBER ROLLS SHALL BE INSTALLED AROUND EACH DROP INLET AND CURB INLET PER DETAIL 1. AFTER PAVING IS COMPLETE AROUND EACH DROP INLET, BLOCK AND GRAVEL SEDIMENT BARRIERS SHALL BE INSTALLED AROUND THE DROP INLETS AND CURB INLETS PER DETAIL 2 UNTIL ALL EXPOSED EARTHEN AREAS HAVE BEEN STABILIZED AND THE ROADWAY FACILITY IS OPERATIONAL.
- THE LOCATIONS OF THE TEMPORARY CONCRETE WASHOUT FACILITY AND TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT CAN BE DECIDED BY THE CONTRACTOR UPON APPROVAL BY THE DISTRICT.



BKF100
YEARS
ENGINEERS . SURVEYORS . PLANNERS



MIDPENINSULA REGIONAL OPEN SPACE DISTRICT
MONTE BELLO RESTROOM & ADA IMPROVEMENTS
EROSION CONTROL PLAN

Date	Scale	No.	Revisions
05/05/2020	Design	CT	
	Drawn	JC	
	Approved	JM	
	Job No	20170231-11	

Drawing Number: **C4.0**
7 OF **9**

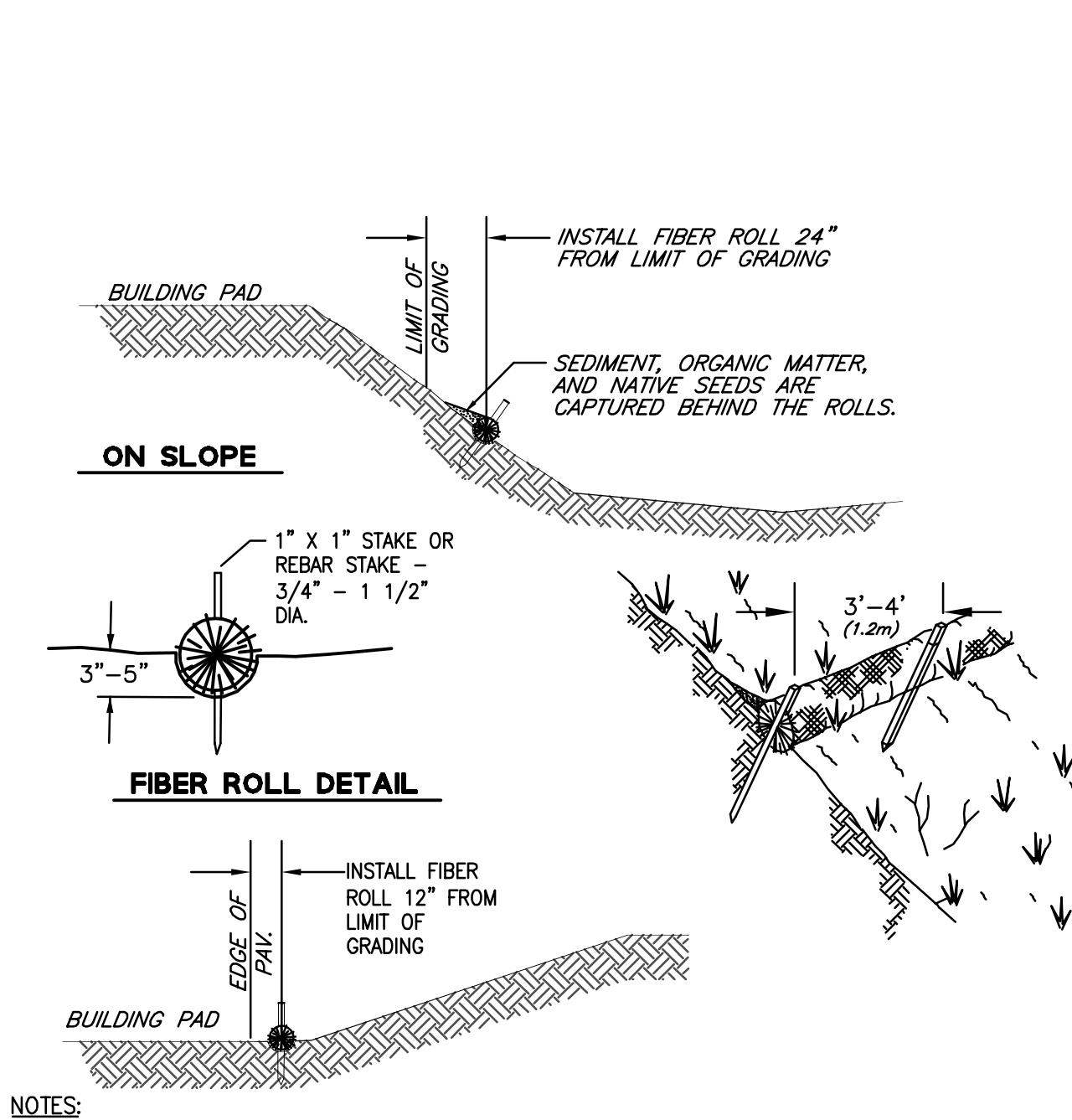
100% SUBMITTAL

CALIFORNIA

SANTA CLARA COUNTY

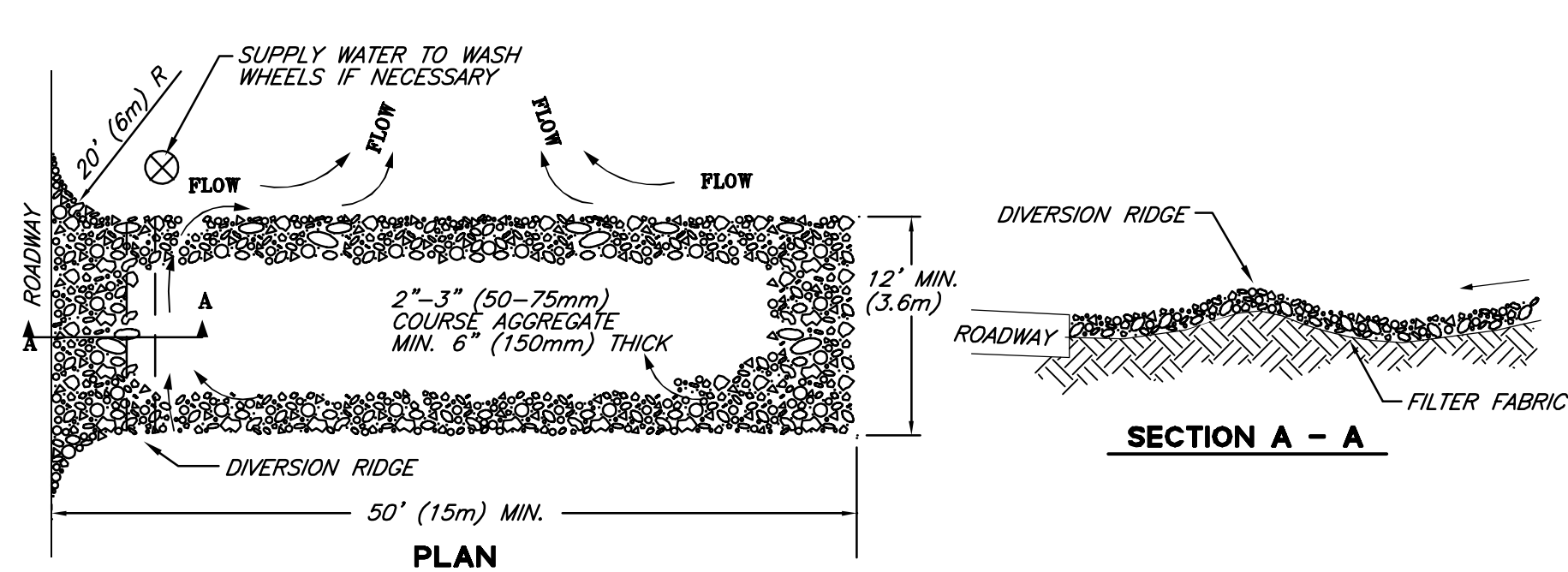
CITY OF PALO ALTO

DRAWING NAME: \\BKF-rvc\vol4\2017\170231-11_MROSD_On-Cal_L_Eng-Restrooms-ADA\ENG\PLANNING\SHEETS\Monte-Bello\C50-MB_DETAILS.dwg
PLOT DATE: 05-01-20 PLOTTED BY: cent



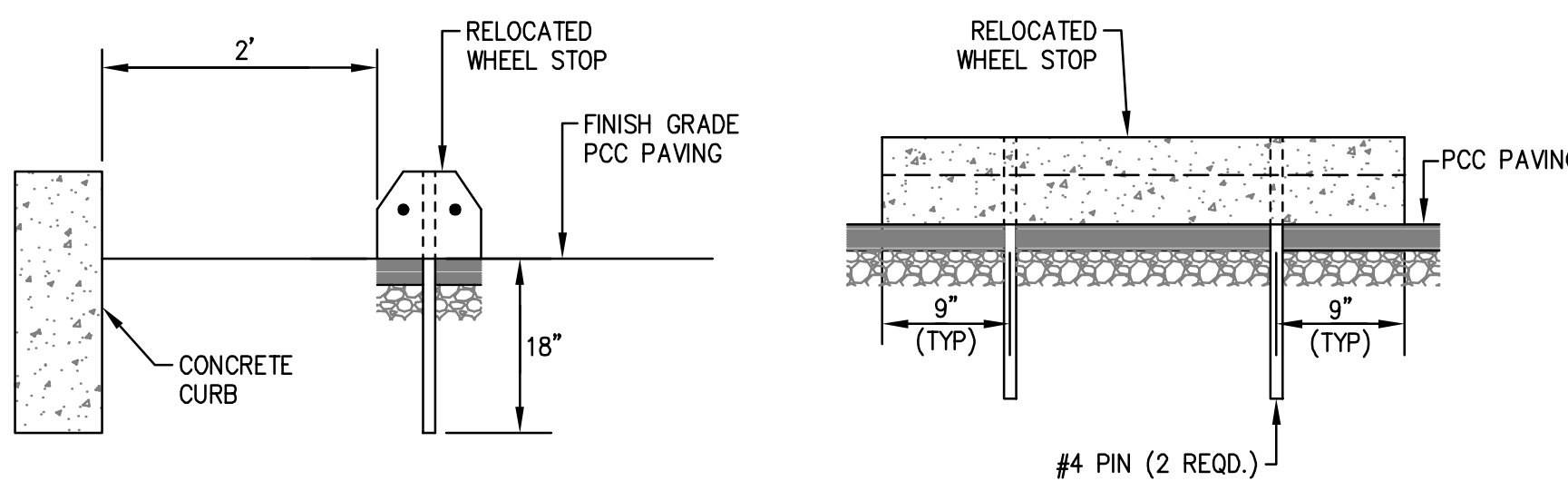
- NOTES:
- FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" (75-125mm) DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
 - FIBER ROLLS MUST BE PLACED ALONG SLOPE CONTOURS
 - INSTALL FIBER ROLLS ALONG DOWNSLOPE SIDE OF ENTIRE PROJECT LENGTH.

1 FIBER ROLLS
C5.0



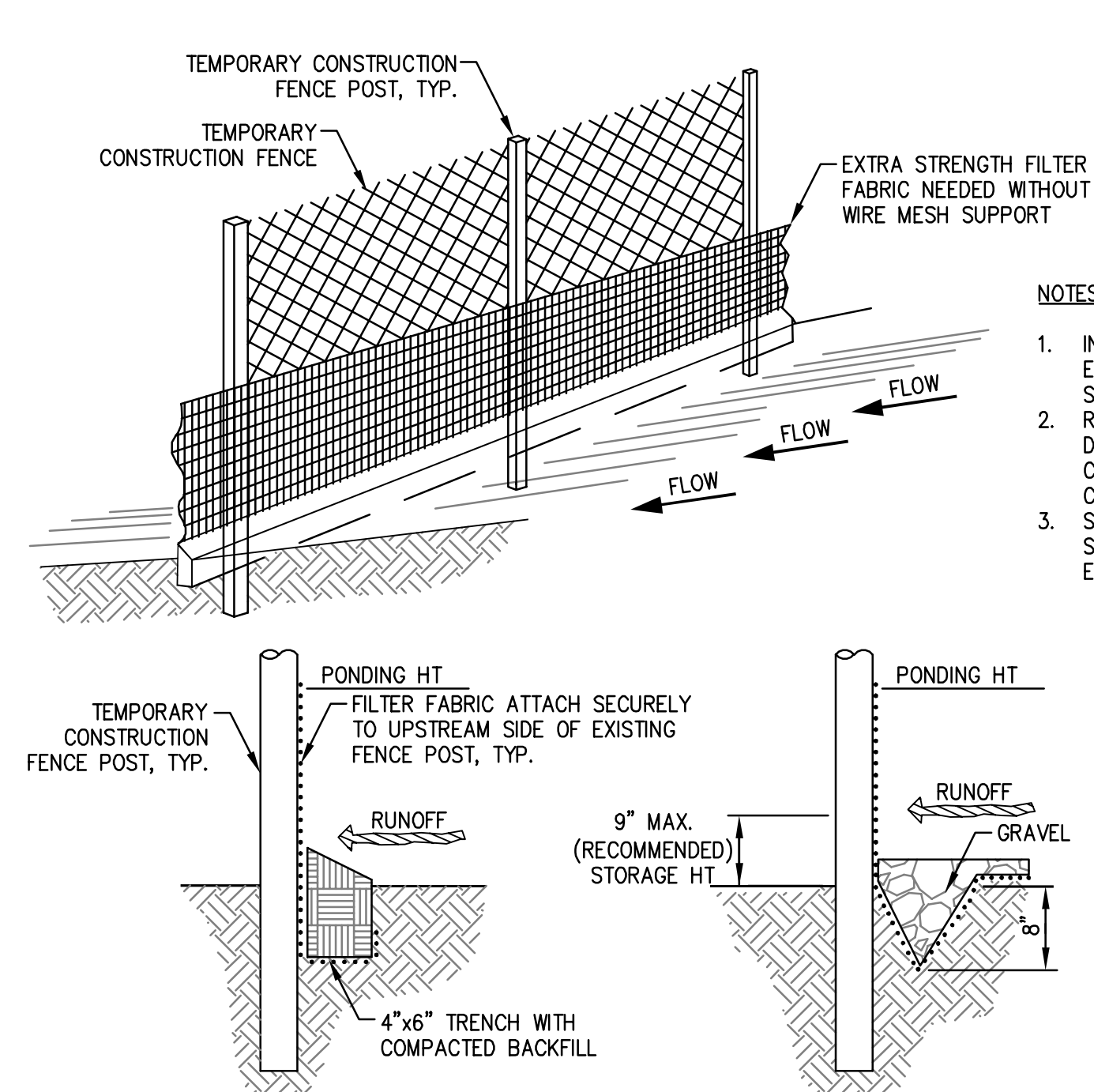
- NOTES:
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

4 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT
C5.0



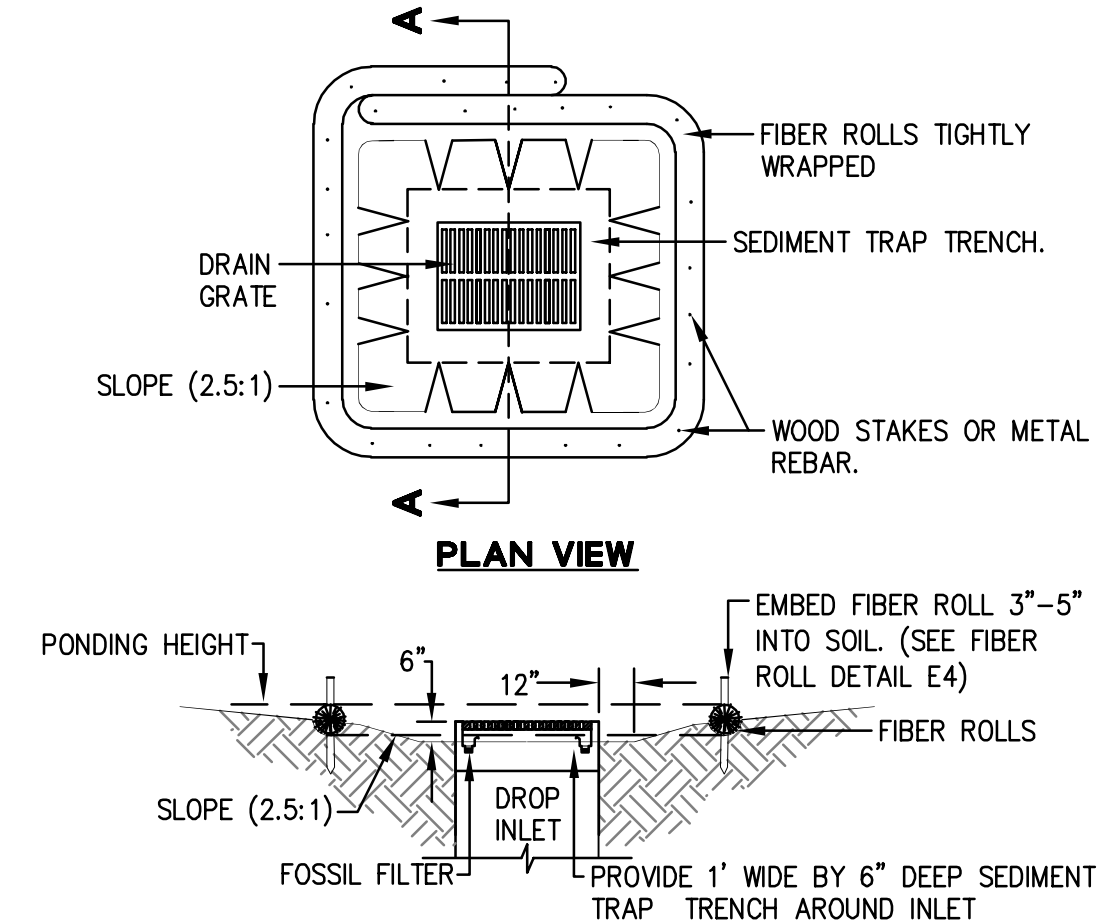
- NOTES:
- CONTRACTOR TO ENSURE RELOCATED WHEEL STOPS MEET THE DIMENSIONS AND REQUIREMENTS SPECIFIED IN THE CALTRANS STANDARD SPECIFICATIONS FOR PARKING BUMPERS.
 - ANY DAMAGED WHEEL STOPS WILL NOT BE SUITABLE FOR RELOCATION.
 - IF IN THE PROCESS OF RELOCATION THE CONTRACTOR DAMAGES WHEEL STOPS, THE CONTRACTOR SHALL FURNISH NEW WHEEL STOPS AT NO ADDITIONAL COST TO THE OWNER.

5 RELOCATED WHEEL STOP
C5.0



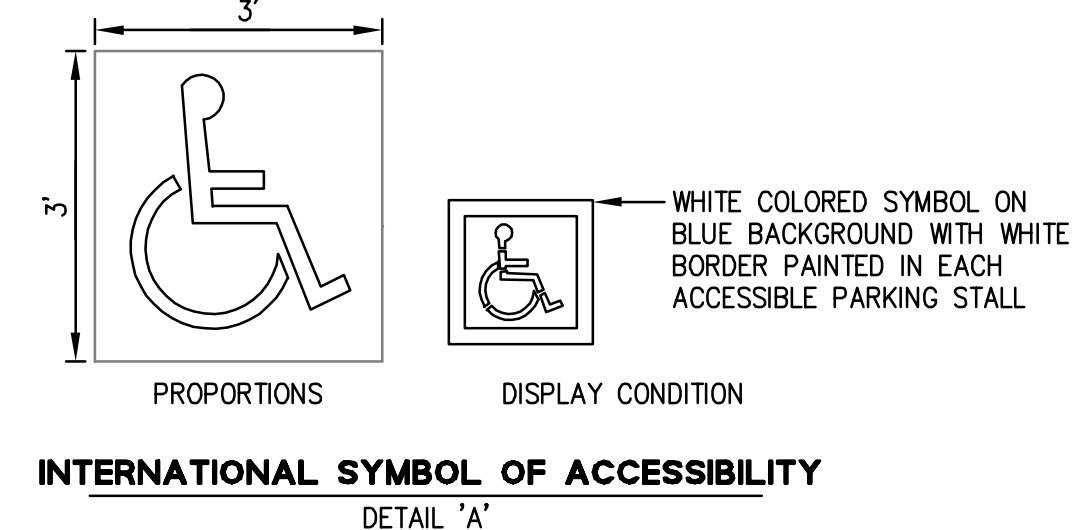
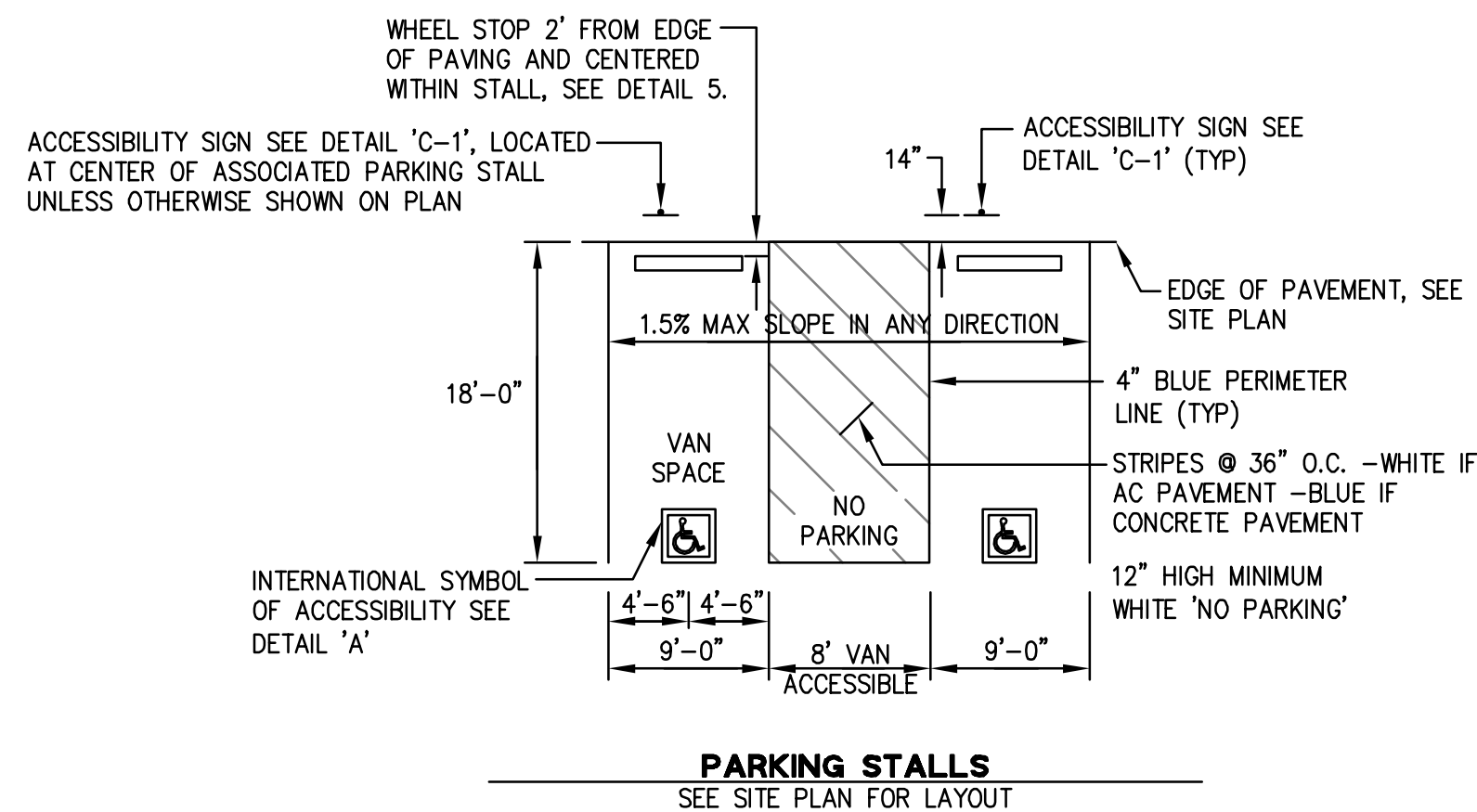
2 SILT FENCE
C5.0

- NOTES:
- INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
 - SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.



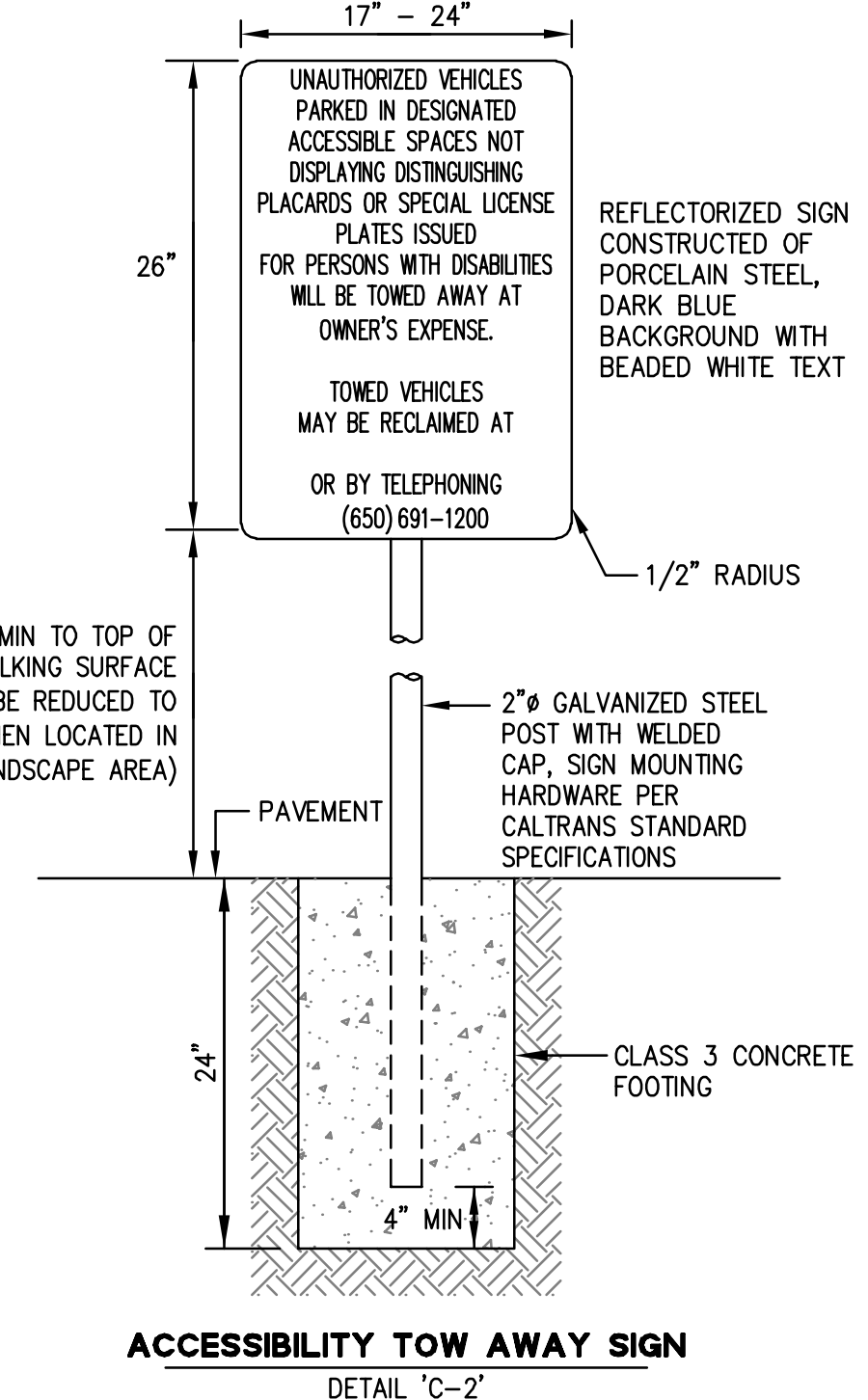
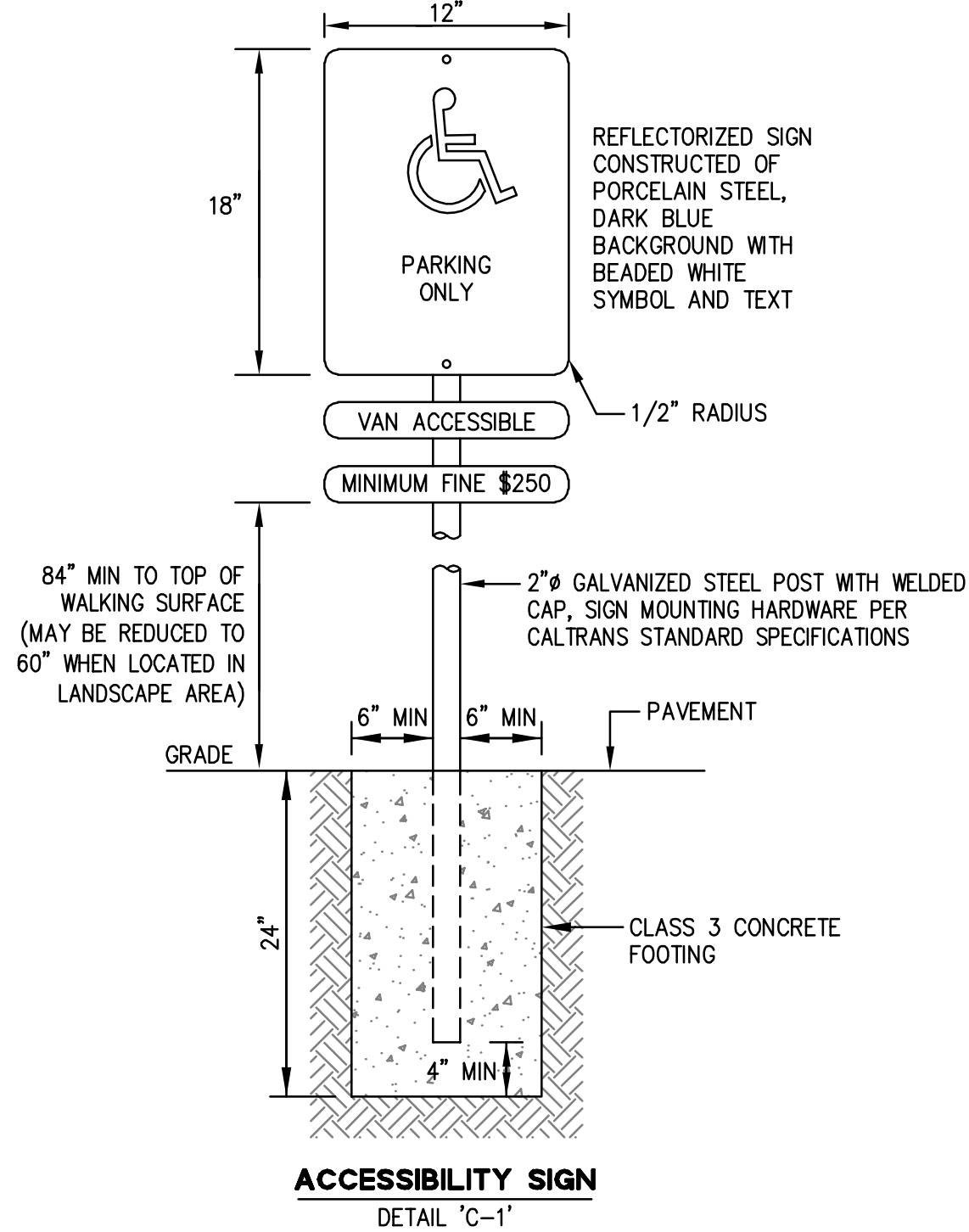
- NOTES:
- PLACE FIBER ROLLS AROUND THE INLET CONSISTENT WITH BASIN SEDIMENT BARRIER DETAIL ON THIS SHEET. FIBER ROLLS ARE TUBES MADE FROM STRAW BOUND W/ PLASTIC NETTING. THEY ARE APPROXIMATELY 8" DIA. AND 20 - 30 FT. LONG.
 - FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE FIBER ROLL IN A TRENCH, 3" - 5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.
 - THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY-PASSING THE INLET. EXCAVATION OF A BASIN ADJACENT TO THE DROP INLET OR A TEMPORARY DIKE ON THE DOWNSLOPE OF THE STRUCTURE MAY BE NECESSARY.
 - FOSSIL FILTERS SHALL BE INCORPORATED IN ALL CATCH BASINS AND FIELD INLETS 24" AND LARGER AND SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS. FOSSIL FILTERS TO BE SILT SACK OR APPROVED EQUIVALENT.

3 INLET PROTECTION
C5.0



- NOTES:
- EACH PARKING SPACE RESERVED FOR PERSONS WITH DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE, CONSISTING OF A PROFILE VIEW OF A WHEELCHAIR OCCUPANT IN WHITE ON DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA AND WHEN IN A PATH OF TRAVEL, SHALL BE POSTED AT A MINIMUM HEIGHT OF 84 INCHES FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE. SIGNS MAY ALSO BE CENTERED ON THE WALL AT THE INTERIOR OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 60 INCHES FROM THE PARKING SPACE FINISHED GRADE, GROUND, OR SIDEWALK.
 - AN ADDITIONAL SIGN SHALL ALSO BE POSTED IN A CONSPICUOUS PLACE, AT EACH ENTRANCE TO THE OFF- STREET, PARKING FACILITY, OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL. THE SIGN SHALL NOT BE LESS THAN 17 INCHES X 22 INCHES IN SIZE, LETTERING NOT LESS THAN 1 INCH IN HEIGHT, WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING:

6 ACCESSIBLE PARKING STALLS
C5.0

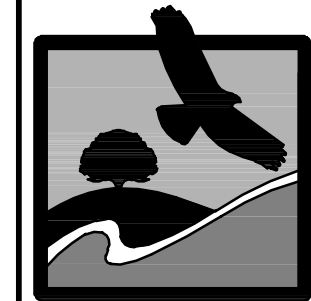


- "UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT
- CONTRACTOR SHALL INSTALL SIGNS PER PLAN, UNLESS DIRECTED OTHERWISE.
- VAN STALLS SHALL BE DESIGNATED BY AN ADDITIONAL SIGN STATING "VAN ACCESSIBLE" MOUNTED BELOW THE REFLECTORIZED SIGN.



BKF100
YEARS
ENGINEERS . PLANNERS
SURVEYORS .

255 SHORELINE DR.,
SUITE 200
REDWOOD CITY, CA 94065
(650) 482-6300
www.bkf.com



MIDPENINSULA REGIONAL OPEN SPACE DISTRICT
MONTE BELLO RESTROOM & ADA IMPROVEMENTS
DETAILS
CALIFORNIA
SANTA CLARA COUNTY
CITY OF PALO ALTO

Revisions	No.	Date
	8	05/05/2020
	9	

Drawing Number: **C5.0**

8 OF 9

100% SUBMITTAL



- NTS



City of Palo Alto Tree Protection - It's Part of the Plan!

Make sure your crews and subs do the job right!

Fenced enclosures around trees are essential to protect them by keeping the foliage canopy and branching structure clear from contact by equipment, materials and activities, preserving roots and soil conditions in an intact and non-compacted state, and identifying the Tree Protection Zone (TPZ) in which no soil disturbance is permitted and activities are restricted, unless otherwise approved. **An approved tree protection report must be added to this sheet when project activity occurs within the TPZ of a regulated tree.**

For detailed information on Palo Alto's regulated trees and protection during development, review the **City Tree Technical Manual (TTM)** found at www.cityofpaloalto.org/trees/.



TREE DISCLOSURE STATEMENT

Palo Alto Municipal Code, Chapter 8.10.040, requires disclosure and protection of certain trees located on private and public property, and that they be shown on approved site plans. A completed disclosure statement must accompany all building permit applications that include exterior work, all demolition or grading permit applications, or other development activity.

CITY OF PALO ALTO
Planning Division, 250 Hamilton Avenue
Palo Alto, CA 94301
(650) 329-2441
<http://www.cityofpaloalto.org>

PROPERTY ADDRESS: 4301 Page Mill Road, Los Altos, Ca

Are there Regulated trees on or adjacent to the property? ☒ **YES** ☐ **NO** (If no, proceed to Section 4)

[Sections 1- 4 MUST be completed by the applicant. Please circle and/or check where applicable.]

1. Where are the trees? Check those that apply. (Plans must be submitted showing over 4" diameter trees)

☒ On the property
☐ On adjacent property overhanging the project site
☐ In the City planter strip or right-of-way easement within 30' of property line (Street Trees)*

*Street trees require special protection by a fenced enclosure, per the attached instructions. Prior to receiving any permit, you must provide an authorized Street Tree Protection Verification form by calling Public Works Operations at 493-5953 for inspection of required type I, II or III fencing (see attached Detail #605).

2. Are there any Protected¹ or Designated¹ Trees? ☒ **YES** ☐ **NO** (Check where applicable)

☒ Protected Tree (s)
☐ Designated Tree (s)
☐ On or overhanging the property

3. Is there activity or grading within the dripline? (radius 10 times the trunk diameter) of these trees? ☐ **YES** ☒ **NO**

If Yes, a Tree Preservation Report must be prepared by an ISA certified arborist and submitted for staff review (see TTM - Section 6.23). Attach this report to Sheet T-1, Tree Protection, in Part of the Plan, per Site Plan Requirements.

4. Are the Site Plan Requirements** completed? ☒ **YES** ☐ **NO**

**Protection of Regulated trees during development require the following: (1) Plans must show the measured trunk diameter and canopy dripline; (2) Plans must denote, as a bold dashed line, a fenced enclosure area out to the dripline, per Sheet T-1 and Detail #605 - <http://www.cityofpaloalto.org/trees/forms.htm> (See also TTM - Section 2.15 for area to be fenced)

I, the undersigned, agree to the conditions of this disclosure. I understand that knowingly or negligently providing false or misleading information in response to this disclosure requirement constitutes a violation of the Palo Alto Municipal Code Section 8.10.040, which can lead to criminal and/or civil legal action.

Signature: Sean Smith Print: Sean Smith Date: 5/6/2020
(Prop. Owner or Agent)

FOR STAFF USE:

Protective Fencing
Sections 5-6 must be completed by staff for the issuance of any development permit (demolition, grading or building permit).

5. Protected Trees. The specified tree fencing is in place. A written statement is attached verifying that protective fencing is correctly in place around protected and/or designated trees. (N/A if there are no protected trees, check here ☐) ☐ **YES** ☐ **NO**

6. Street Trees. A signed Public Works Street Tree Protection Verification form is attached. (N/A if there are no street trees, check here ☐) ☐ **YES** ☐ **NO**

¹ Regulated Trees - a) Street trees - trees on public property; b) Protected trees - Coast Live Oaks or Valley Oaks which are 11.5" in diameter or larger, Coast Redwoods which are 18" in diameter or larger, when measured 54" above natural grade; and Heritage trees are trees designated by City Council; and c) Designated Trees - commercial or non-residential property trees, which are part of an approved landscape plan.
Palo Alto Tree Technical Manual (TTM) contains instructions for all requirements on this form, available at <http://www.cityofpaloalto.org/planning-community-environment/tree-technical-manual.html>

S:\Plan\Div\Arborist\Tree Protection Info\Tree Disclosure Statement Revised 08/06

For written specifications associated with illustrations below, see Public Works Specifications Section 31
Detailed specifications are found in the Palo Alto Tree Technical Manual (TTM) (www.cityofpaloalto.org/trees/)

Tree Protection Zone (TPZ) shown in gray (radius of TPZ equals 10-times the diameter of the tree or 10-feet, whichever is greater).

- Restricted activity area - see Tree Technical Manual Sec 2.15(E).
- Restricted trenching area - see Tree Technical Manual Sec 2.20(C-D), any proposed trench or form work within TPZ of a protected tree requires approval from Public Works Operations. Call 650-496-5953.

Type I Tree Protection

For all Ordinance Protected and Designated trees, as detailed in the site specific tree preservation report (TPR) prepared by the applicant's project arborist as diagrammed on the plans.

Note: Ordinance Protected & Designated Trees. Issuance of a permit requires applicant's project arborist written verification Type I is installed correctly according to the plans and Tree Preservation Report

8.5x11-inch Warning Signs one each side

6-foot high chain link fence, typical

TPZ either 10 x Tree Diameter or 10-feet, whichever is greater

Any inadvertent sidewalk or curb replacement or trenching requires approval

Vence distance no more than 10' from TPZ

Strip

Parkway

Sidewalk

Yard

Fencing must provide public passage while protecting all other land in TPZ

2-inches of Orange Plastic Fencing overlaid with 2-inch Thick Wooden Slats

Any proposed trench in TPZ requires approval See TTM 2.20(C-D) for instructions

Restricted use for trees in sidewalk cutting - tree wells only

Note: Street Trees. Issuance of a permit requires Public Works Operations inspection and signed approval on the Street Tree Verification (STV) form provided.

Type III Tree Protection

(to be used only with approval of Public Works Operations)

Tree fencing is required and shall be erected before demolition, grading or construction begins.

Rev	By	Date
0	DWH	12/14/92
01	D.D.	08/04/04
02	D.D.	08/10/06

Scale: NTS

Tree Protection During Construction

City of Palo Alto Standard

Approved by: Dave Dockter
PE No. _____
Date 2006
Dwg No. 605

Table 2-2 Palo Alto Tree Technical Manual

CONTRACTOR & ARBORIST INSPECTION SCHEDULE

Reference: the Palo Alto Tree Technical Manual is available at www.cityofpaloalto.org/environment/

ALL CHECKED ITEMS APPLY TO THIS PROJECT:

- ☒ **Inspection of Protective Tree Fencing** For Public Trees, the Street Tree Verification Form shall be signed by the City Arborist. For Protected Trees, the project site arborist shall provide an initial Monthly Tree Activity Report form with a photograph verifying that he has conducted a field inspection of the trees and that the correct type of protective fencing is in place around the designated tree protection zone (TPZ) prior to issuance of a demolition, grading, or building permit. (See TTM, Verification of Tree Protection, Section 1.39)
- ☒ **Pre-Construction Meeting** Prior to commencement of construction, the applicant or contractor shall conduct a pre-construction meeting to discuss tree protection with the job site superintendent, grading operators, project site arborist, City Arborist, and, if a city maintained irrigation system is involved, the Parks Manager (Contact 650-496-6962).
- ☒ **Inspection of Rough Grading or Trenching** Contractor shall ensure the project site arborist performs an inspection during the course of rough grading or trenching adjacent to or within the TPZ to ensure trees will not be injured by compaction, cut or fill, drainage and trenching, and if required, inspect irrigation systems, tree wells, drains and special paving. The contractor shall provide the project arborist at least 24 hours advance notice of such activity.
- ☒ **Monthly Tree Activity Report Inspections.** The project site arborist shall perform a minimum monthly activity inspection to monitor and advise on conditions, tree health and retention or, immediately if there are any revisions to the approved plans or protection measures. The Tree Technical Manual Monthly Tree Activity Report format shall be used and sent to the Planning Dept. landscape review staff no later than 14 days after issuance of building permit date. Fax to (650) 329-2154 (See TTM, Monthly Tree Activity Inspection Report, Addendum 11 & section 1.17).
- ☒ **Special activity within the Tree Protection Zone.** Work in the TPZ area (see also #7 below) requires the direct on-site supervision of the project arborist (see TTM, Trenching, Excavation & Equipment, Section 2.20 C).
- ☐ **Landscape Architect Inspection.** For discretionary development projects, prior to temporary or final occupancy the applicant or contractor shall arrange for the Landscape Architect to perform an on site inspection of all plant stock, quality of the materials and planting (see TTM, Planting Quality, Section 5.20.1 A) and that the irrigation is functioning consistent with the approved construction plans. The Planning Dept. landscape review staff shall be in receipt of written verification of Landscape Architect approval prior to scheduling the final inspection, unless otherwise approved.
- ☐ **List Other** (please describe as called out in the site Tree Preservation Report, Sheet T-1, T-2, etc.)

* _____

* _____

City of Palo Alto Tree Department

Public Works Operations
PO Box 10250 Palo Alto, CA 94303
650-496-5953 FAX: 650-952-9289
treeprotection@cityofpaloalto.org

Verification of Street Tree Protection

Applicant Instructions: Complete upper portion of this form. Mail or FAX this form along with signed Tree Disclosure Statement to Public Works Dept. Public Works Staff will inspect and notify applicant.

APPLICATION DATE: _____

ADDRESS/LOCATION OF STREET TREES TO BE PROTECTED: _____

APPLICANT'S NAME: _____

APPLICANT'S ADDRESS: _____

APPLICANT'S TELEPHONE & FAX NUMBERS: _____

This section to be filled out by City Tree Staff

1. The Street Trees at the above address(es) are adequately protected. The type of protection used is:	YES ☐ NO* ☐
* If NO, go to #2 below	
Inspected by:	_____
Date of inspection:	_____
2. The Street Trees at the above address are NOT adequately protected. The following modifications are required:	_____
Indicate how the required modifications were communicated to the applicant.	_____
Subsequent Inspection	_____
Street trees at above address were found to be adequately protected.	YES ☐ NO* ☐
* If NO, indicate in "Notes" below the disposition of case.	
Inspected by:	_____
Date of inspection:	_____
Notes: List City street trees by species, site, condition and type of tree protection installed. Also note if pictures were taken. Use back of sheet if necessary.	_____
Return approved sheet to Applicant for demolition or building permit issuance.	_____

S:\PWO\Ops\Tree\DS\B-TreeProtect 5/17/06

City of Palo Alto Tree Technical Manual ADDENDUM 11

Arborist Firm Data Here

Unit: _____
RCA/ISA Certified Arborist #WE-000
Contract Call # _____

Monthly Tree Activity Report- Construction Site

Inspection Date:	Site address:	Contractor- Main Site Contact Information	#1: Job site superintendent Company: _____ Email: _____ Job site Office: _____ Cell: _____ Mail: _____
Inspection # _____	Palo Alto, CA	Also present: _____	_____
Distribution:	1. City of Palo Alto 2. Others _____	Attn: Dave Dockter	Dave.dockter@cityofpaloalto.org 650-329-2440

Provide the requested minimum information with each report, customize as necessary. To be completed by project site arborist. Send monthly to city arborist at above address until project completion. Use additional sheets as needed.

- Assignment Activity (Demolition/grading/sewer/trenching/foundation/list relevant visits)
 - Pre-construction meeting requirement with sub-contractors
 - Inspect to verify that tree protection measures are in place
 - Determine if field adjustments, watering or plan revisions may be needed
- Field Observations (general site-wide and list by individual tree number)
 - Tree Protection Fences (TPF) are ...
 - Trenching has/will occur ...
- Action Items (list site-wide, by tree number and date to be satisfied) and Date Due
 - Tree Protection Fence (TPF) needs adjusting (tree # x, x, x)
 - Root zone buffer material (wood chips) can be installed next
 - Schedule sewer trench, foundation dig with ...
- Photographs (use often)
- Tree Location Map (mandatory 8.5 x 11 sheet)
- Recommendations, notes or monitor items for project/staff/schedule
- Past visits (list carry-over items satisfied/still outstanding)

Respectfully submitted,

Project site arborist
Consultant contact information (Include email, cell#, and mailing)
Cc: _____

Enter Date _____ CPA Monthly Tree Activity Report: Type site address here _____ Page #1 of 1

---WARNING---

Tree Protection Zone

This fencing shall not be removed without City Arborist approval (650-496-5953)

Removal without permission is subject to a \$500 fine per day*

***Palo Alto Municipal Code Section 8.10.110**

City of Palo Alto Tree Protection Instructions are located at <http://www.city.palo-alto.ca.us/trees/technical-manual.html>

SPECIAL INSPECTIONS

GREEN PROTECTION INSPECTIONS MANDATORY

PAMC 8.10 PROTECTED TREES. CONTRACTOR SHALL ENSURE PROJECT SITE ARBORIST IS PERFORMING REQUIRED TREE INSPECTION AND SITE MONITORING. PROVIDE WRITTEN MONTHLY TREE ACTIVITY REPORTS TO THE PLANNING DEPARTMENT LANDSCAPE REVIEW STAFF BEGINNING 14 DAYS AFTER BUILDING PERMIT ISSUANCE.

BUILDING PERMIT DATE: _____

DATE OF 1ST TREE ACTIVITY REPORT: _____

CITY STAFF: _____

REPORTING DETAILS OF THE MONTHLY TREE ACTIVITY REPORT SHALL CONFORM TO SHEET T-1 FORMAT. VERIFY THAT ALL TREE PROTECTION MEASURES ARE IMPLEMENTED AND WILL INCLUDE ALL CONTRACTOR ACTIVITY, SCHEDULED OR UNSCHEDULED, WITHIN A TREE PROTECTION ROOT ZONE. NON-COMPLIANCE IS SUBJECT TO VIOLATION OF PAMC 8.10.080. REFERENCE: PALO ALTO TREE TECHNICAL MANUAL, SECTION 2.00 AND ADDENDUM 11.

PLANNING DEPARTMENT

Apply Tree Protection Report on sheet(s) T-2

Use additional "T" sheets as needed

Project
Data

T-1

All other tree-related reports shall be added to the space provided on this sheet (adding as needed)
Include this sheet(s) on Project Sheet Index or Legend Page.
A copy of T-1 can be downloaded at
<http://www.cityofpaloalto.org/civica/filebank/blobdload.asp?BlobID=6460>

Special Tree Protection Instruction Sheet
City of Palo Alto

T-1