

Appendix A. Design Drawings

GENERAL NOTES

- 1. ALL WORK, MATERIAL, AND EQUIPMENT SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2021 EDITION...
2. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES...
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND FURNISH, INSTALL, AND MAINTAIN TEMPORARY SIGNS, BARRICADES, FLAGMEN, AND OTHER FACILITIES TO ADEQUATELY SAFEGUARD THE GENERAL PUBLIC AND WORK...

STANDARD GRADING & DRAINAGE NOTES:

- NOTE: CITY REFERS TO CITY OF SAN JOSE AND COUNTY REFERS TO TUOLUMNE COUNTY.
THIS DRAWING IS APPROVED SUBJECT TO:
1. ALL GRADING IS SUBJECT TO OBSERVATION BY THE CITY. PERMITTEE OR REPRESENTATIVE SHALL NOTIFY THE CITY OF SAN JOSE DEPARTMENT OF PUBLIC WORKS PROJECT INSPECTOR AT LEAST 48 HOURS BEFORE START OF ANY GRADING...

SURVEY CONTROL POINTS

1. THE FOLLOWING PRIMARY CONTROL POINTS HAVE BEEN ESTABLISHED BY WOOD RODGERS, INC.

Table with 5 columns: Pt#, Elev, Northing, Easting, Description. Contains 30 survey control points with coordinates and descriptions like 'SET RB/TWL DISK', 'SET MAG/TT', '60D/TT IN STUMP', etc.

- 2. CONTRACTOR SHALL PRESERVE AND PROTECT ALL CONTROL POINTS. WHERE CONTROL POINTS CONFLICT WITH OR WILL BE REMOVED BY CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL REMOVE AND REPLACE THE CONTROL POINTS AT CONTRACTOR'S EXPENSE.

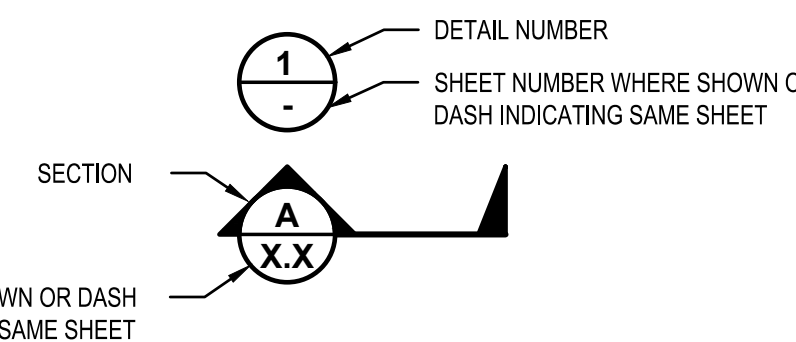
BENCHMARK

THE BENCHMARK FOR THIS SURVEY IS A MAG NAIL ON THE NORTH SIDE OF CHERRY LAKE ROAD IN A DRIVEWAY/TURNOUT APPROXIMATELY 1,800 FEET NORTHEAST FROM STATE HIGHWAY 120.
POINT NUMBER 14
VERTICAL DATUM NAVD88
ELEVATION 2,902.13'

HORIZONTAL/ VERTICAL COORDINATES AND BASIS OR BEARINGS

COORDINATES AND BEARINGS ARE DERIVED FROM THE CALIFORNIA SURVEYING AND DRAFTING SUPPLY (CSDS) REAL-TIME GPS NETWORK. CORDS STATIONS BY THE CALIFORNIA SPATIAL REFERENCE CENTER WERE UTILIZED.

HORIZON DATUM: NAD83 EPOCH2011.00(CSRC)
VERTICAL DATUM: NAVD88



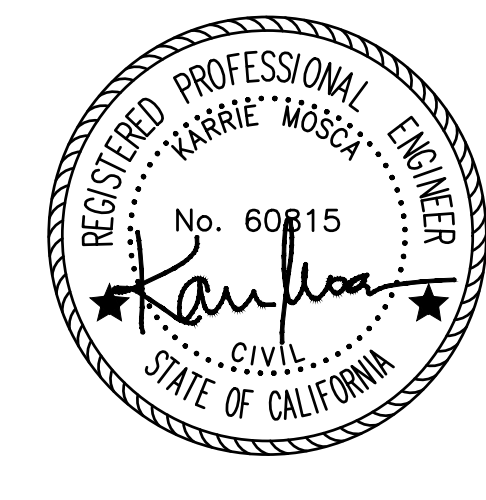
DETAIL AND SECTION CROSS-REFERENCING CONVENTION

LEGEND

Legend table with 3 columns: ITEM, EXISTING, PROPOSED. Lists various construction items like PROJECT SITE, HAUL ROUTE, FENCE, EXCAVATION LIMITS, etc. with corresponding symbols for existing and proposed states.

ABBREVIATIONS

Table of abbreviations with 4 columns: AC, BC, C, DIA, E, EL, ELEC, EPB, ESMT, EXIST, EX, (E), FG, FL, FT, HWY, HOR, HWSE, IDEN, INV, IE, JCT, LBS. Lists abbreviations for materials, curves, centerlines, diameters, elevations, electrical, easements, finished grades, footings, highways, identification, junctions, and pounds.



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

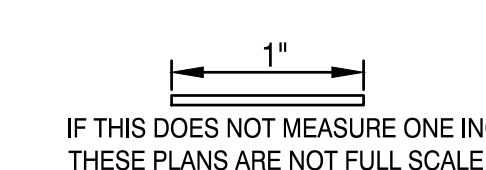
CIVIL / STRUCTURAL / SURVEY:



GEOTECHNICAL:



ENVIRONMENTAL:



PROJECT TITLE:

SAN JOSE FAMILY CAMP STORM DAMAGE REPAIR PROJECT

Table with 3 columns: REV, DATE, REASON FOR ISSUE. Contains a header row and several empty rows for revision tracking.

SCALE: AS SHOWN

DRAWN BY: BD

DATE: 01/18/2022

CHECKED BY: KM

SECTION MANAGER: MANAGER

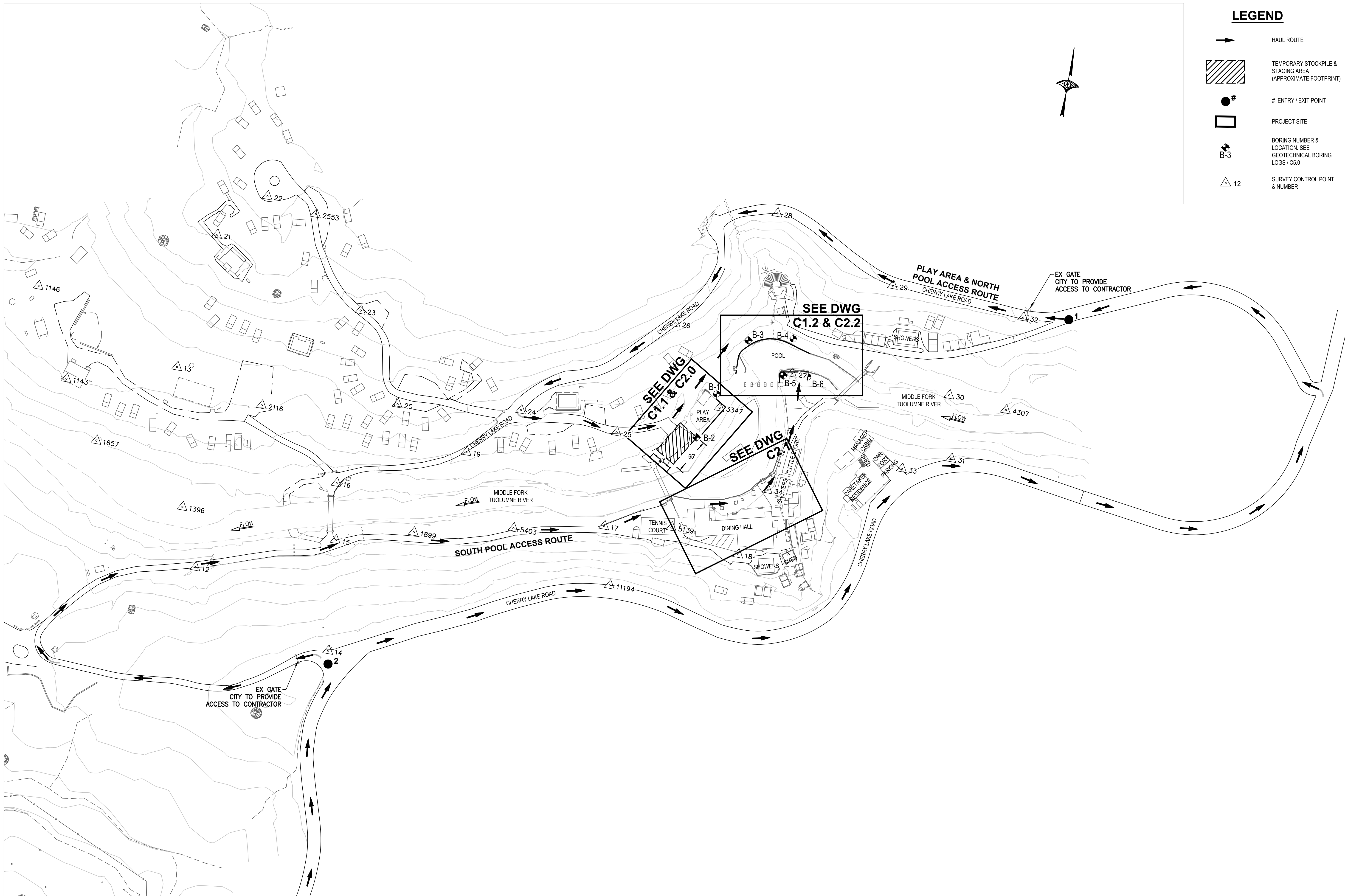
CPMS ID NUMBER: CPMS ID

SHEET TITLE:

GENERAL NOTES AND ABBREVIATIONS

SHEET NUMBER: 2 OF 22

SHEET IDEN: C0.1



LEGEND

- ➔ HAUL ROUTE
- ▨ TEMPORARY STOCKPILE & STAGING AREA (APPROXIMATE FOOTPRINT)
- # # ENTRY / EXIT POINT
- PROJECT SITE
- B-3 BORING NUMBER & LOCATION. SEE GEOTECHNICAL BORING LOGS / C5.0
- △ 12 SURVEY CONTROL POINT & NUMBER



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:



GEOTECHNICAL:



ENVIRONMENTAL:



1" = 80'
IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:

**SAN JOSE FAMILY CAMP
STORM DAMAGE
REPAIR PROJECT**

REV	DATE	REASON FOR ISSUE

SCALE: AS SHOWN	DRAWN BY: BD
DATE: 01/17/2022	CHECKED BY: KM
SECTION MANAGER: MANAGER	
CPMS ID NUMBER: CPMS ID	
SHEET TITLE:	

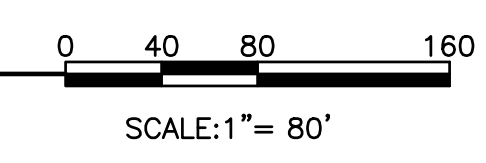
**OVERALL STAGING
AND ACCESS PLAN**

SHEET NUMBER: 3 OF 22

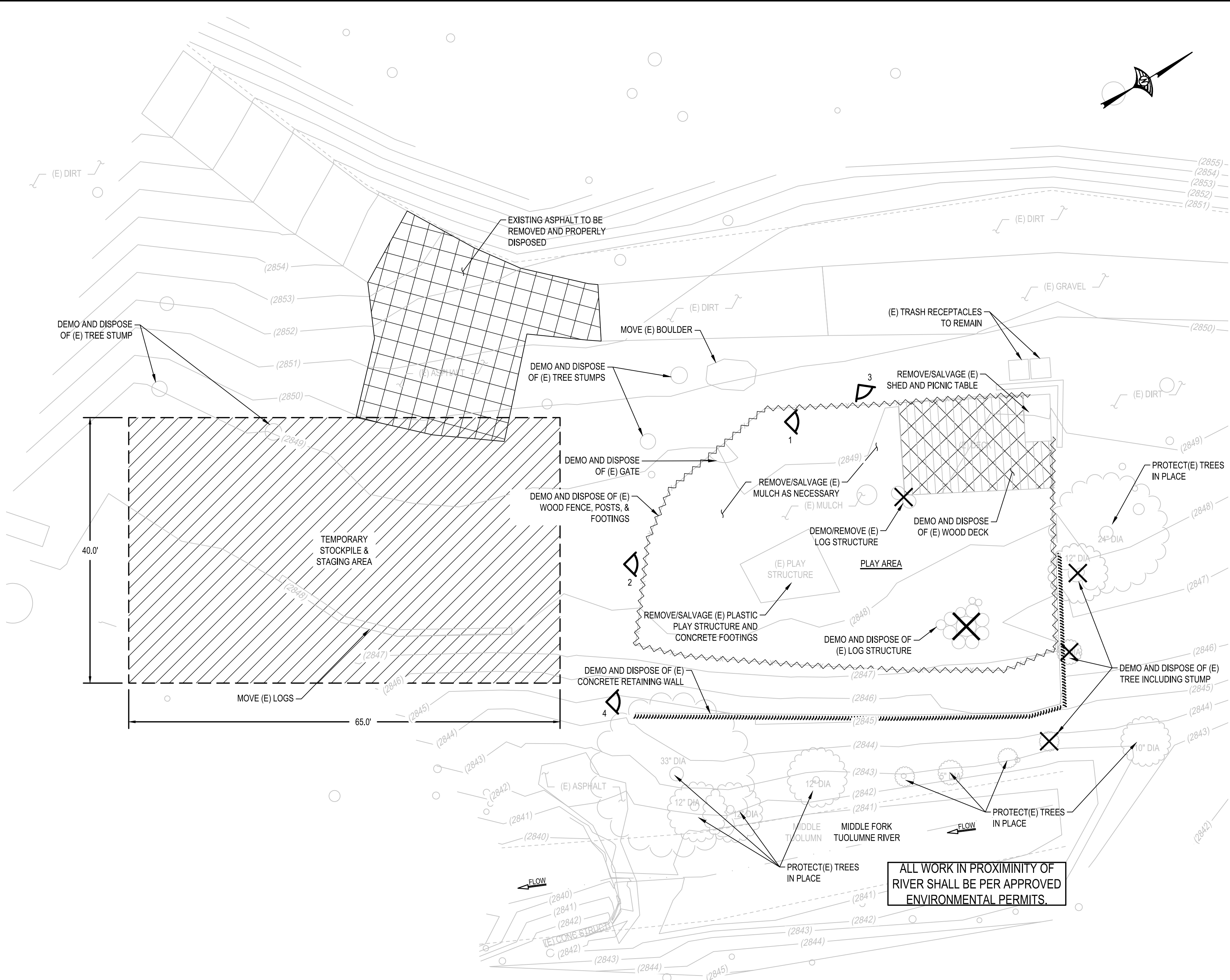
SHEET IDEN: **C1.0**

OVERALL STAGING AND ACCESS PLAN

SCALE: 1" = 80'



J:\Jobs\8641_City_San_Jose_CEC\8641_002_San_Jose_Family_Camp\Civil\Draw\Improvement_Plans\8641_C1.0.dwg 1-17-22 03:02:26 PM bdsong



DEMOLITION NOTES

1. THE CONTRACTOR SHALL VISIT THE PROJECT AREA PRIOR TO BIDDING TO DETERMINE THE EXACT EXTENT OF ALL SITE DEMOLITION ITEMS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIM/HERSELF FAMILIAR WITH ALL UNDERGROUND CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, STANDARD DETAILS AND SUBSEQUENT ADDENDA AS ADOPTED BY THE CITY COUNCIL, WHERE APPLICABLE AND ALSO THE SPECIAL PROVISIONS FOR THIS PROJECT.
4. THE CONTRACTOR SHALL PERFORM ALL CLEARING, DEMOLITION, REMOVAL OF OBSTRUCTIONS AND SITE PREPARATIONS NECESSARY FOR THE PROPER EXECUTION OF ALL WORK SHOWN ON THESE PLANS AND AS DESCRIBED IN THE SPECIFICATIONS.
5. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION ON THIS PROJECT (USA AT 800-227-2600). THE CONTRACTOR SHALL REMOVE ALL USA MARKING, AS SOON AS THEY ARE NO LONGER NEEDED, BY USING A HIGH PRESSURE WATER METHOD ONLY. THE CITY ENCOURAGES THE USE OF CHALK PAINT WHENEVER POSSIBLE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING AND REPLACING AT THE CONTRACTOR'S OWN EXPENSE, ANY STRUCTURE, FENCES, WALLS OR PLANT LIFE DAMAGED OR DESTROYED BY THE CONTRACTOR'S OPERATION, ON ADJACENT PROPERTIES AND ANYWHERE OUTSIDE THE LIMIT OF WORK. THE DAMAGED ITEMS WILL BE RESTORED TO THEIR ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY.
7. KEEP ALL PLANTING, PAVING AND CURB AREAS FREE FROM WEEDS, DEBRIS AND TRASH DURING THE ENTIRE DURATION OF THE CONTRACT. WEED CONTROL HERBICIDES SHALL BE APPLIED IF THE CITY DEEMS IT NECESSARY. TYPE OF HERBICIDE TO BE USED AND METHOD OF APPLICATION SHALL BE APPROVED BY THE CITY.
8. CARE SHOULD BE TAKEN WITH EXISTING TREES TO REMAIN. GRADES WITHIN THE DRIP LINES OF THE TREES SHALL NOT BE CHANGED UNLESS OTHERWISE SPECIFIED ON THE PLANS. UNNECESSARY ACTIVITIES WITHIN THE DRIP LINE SHALL BE AVOIDED.
9. THE CONTRACTOR SHALL ADJUST UTILITY BOXES TO FINISH GRADE WHEN THEY ARE ENCOUNTERED DURING EXCAVATION AND GRADING WORK WITHIN LIMIT OF WORK, COORDINATE WITH UTILITY COMPANIES AS NECESSARY TO ADJUST VAULTS TO NEW GRADES.

GENERAL NOTES

1. ALL ITEMS ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
2. SALVAGED ITEMS ARE TO BE RELOCATED TO TEMPORARY STOCKPILE & STAGING AREA DURING DEMOLITION AND REPLACED PER GRADING PLAN SHEETS C2.0 & C2.1.
3. ANY DAMAGE INCURRED TO ITEMS TO BE SALVAGED IS RESPONSIBILITY OF CONTRACTOR TO FIX OR REPLACE.
4. PROTECT ALL TREES TO REMAIN WITH PERIMETER FENCING AT CROWN OF TREE CANOPY.

LEGEND

- PHOTO LOCATION & NUMBER
- TEMPORARY STOCKPILE & STAGING AREA (APPROXIMATE FOOTPRINT)
- TO BE REMOVED
- EXISTING TREE TO BE REMOVED
- EXISTING FENCE TO BE REMOVED
- EXISTING WALL TO BE REMOVED

EXISTING CONDITIONS & DEMOLITION PLAN - PLAY AREA

SCALE: 1" = 10'

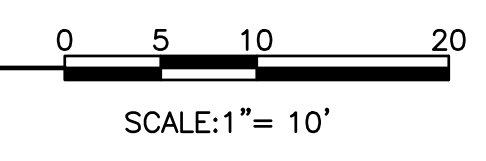


PHOTO #1: EXISTING SHED & DECK



PHOTO #2: EXISTING PLAY STRUCTURE



PHOTO #3: EXISTING LOG STRUCTURES



PHOTO #4: EXISTING CONCRETE RETAINING WALL



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:
WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
4670 WILLOW ROAD, STE 135 TEL 925.847.1556
PLEASANTON, CA 94588 FAX 925.847.1597

GEOTECHNICAL:
CE&G
CAL ENGINEERING & GEOLOGY
6455 ALMADEN EXPWY, STE 100 TEL 408.440.4542
SAN JOSE, CA 95120

ENVIRONMENTAL:
Horizon
WATER and ENVIRONMENT
266 GRAND AVE, STE 210 TEL 510.986.1850
DUBLIN, CA 94568 FAX 510.350.3592

IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:
**SAN JOSE FAMILY CAMP
STORM DAMAGE
REPAIR PROJECT**

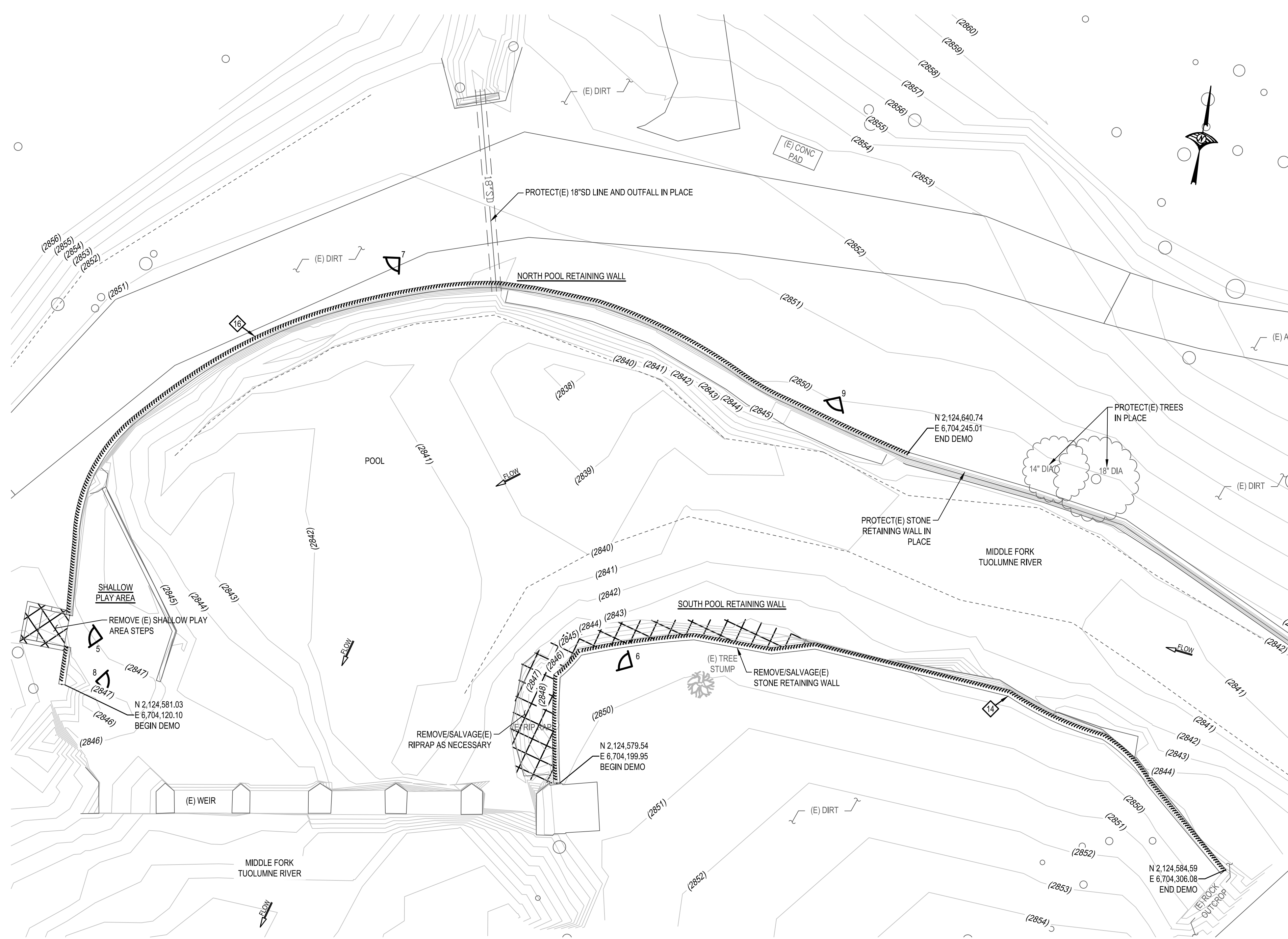
REV	DATE	REASON FOR ISSUE

SCALE: AS SHOWN
DATE: 01/18/2022
SECTION MANAGER: MANAGER
CPMS ID NUMBER: CPMS ID
DRAWN BY: BD
CHECKED BY: KM

EXISTING CONDITIONS & DEMOLITION PLAN - PLAY AREA

SHEET NUMBER: 4 OF 22

SHEET IDEN: **C1.1**



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LEGEND

- PHOTO LOCATION & NUMBER
- TEMPORARY STOCKPILE & STAGING AREA (APPROXIMATE FOOTPRINT)
- TO BE REMOVED AND PROPERLY DISPOSED
- EXISTING TREE TO BE REMOVED
- EXISTING WALL TO BE REMOVED

EXISTING CONDITIONS & DEMOLITION PLAN - POOL

SCALE: 1" = 10'

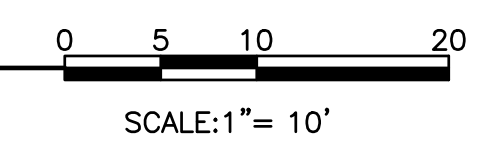


PHOTO #5: EXISTING SHALLOW PLAY AREA STEPS



PHOTO #6: EXISTING NORTH POOL STONE RETAINING WALL



PHOTO #7: EXISTING NORTH POOL STONE RETAINING WALL



PHOTO #8: EXISTING SOUTH POOL STONE RETAINING WALL



PHOTO #9: EXISTING SOUTH POOL STONE RETAINING WALL



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:



GEOTECHNICAL:



ENVIRONMENTAL:



1"
IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:

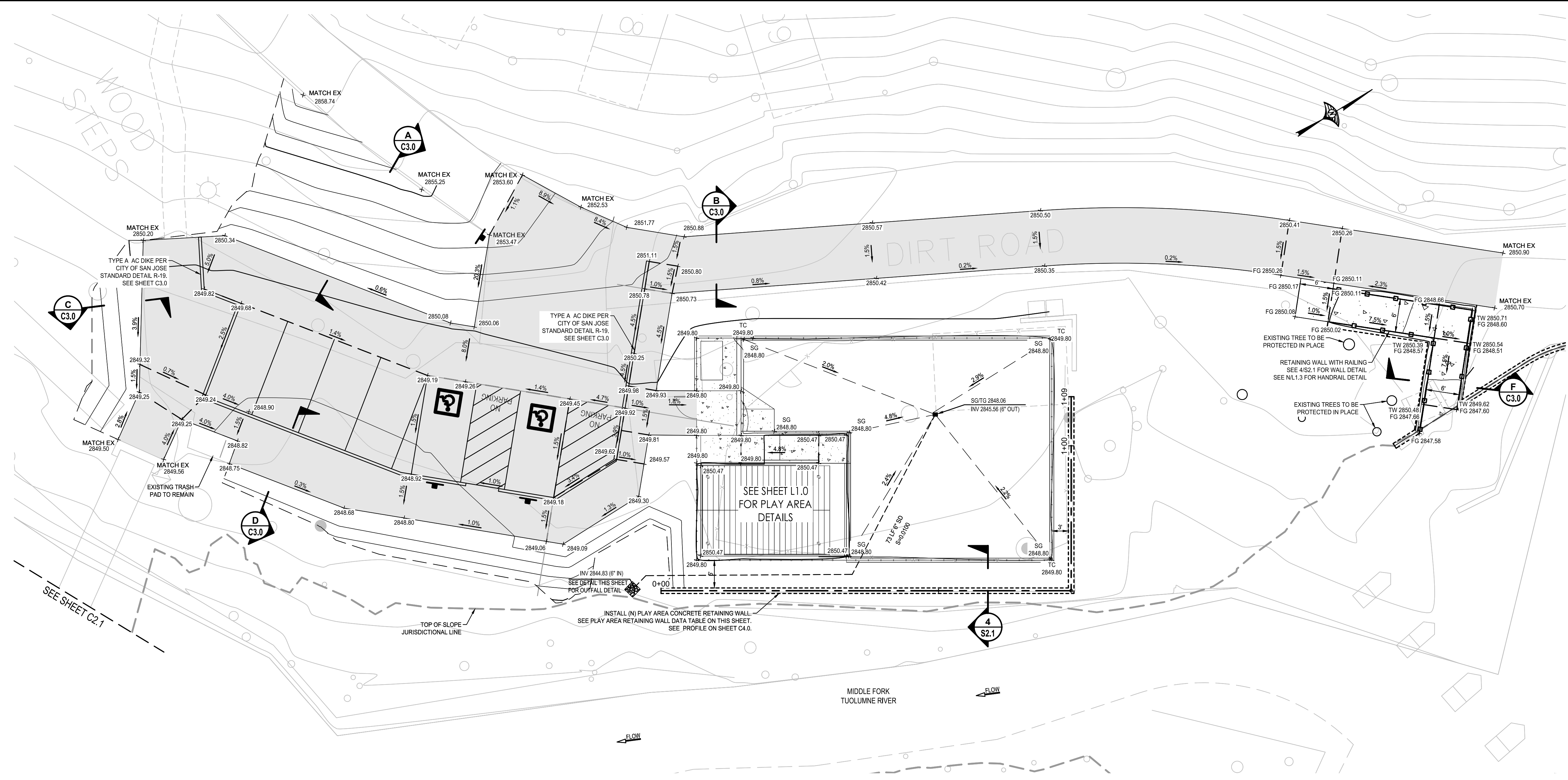
**SAN JOSE FAMILY CAMP
STORM DAMAGE
REPAIR PROJECT**

REV	DATE	REASON FOR ISSUE
SCALE:	AS SHOWN	DRAWN BY: BD
DATE:	01/17/2022	CHECKED BY: KM
SECTION MANAGER: MANAGER		
CPMS ID NUMBER: CPMS ID		
SHEET TITLE:		

EXISTING CONDITIONS & DEMOLITION PLAN - POOL

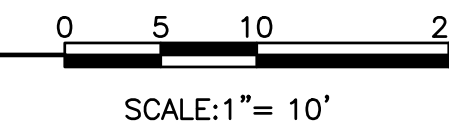
SHEET NUMBER: 5 OF 22

SHEET IDEN: **C1.2**



GRADING PLAN PARKING LOT AND POOL/PLAY AREA ACCESS

SCALE: 1" = 10'



LEGEND

- WOOD FENCE
- RETAINING WALL
- SECTION MARKER
- PROPOSED DRAIN INLET
- PROPOSED STORM DRAIN PIPE
- PROPOSED SIGN
- PROPOSED ASPHALT
- PROPOSED CONCRETE

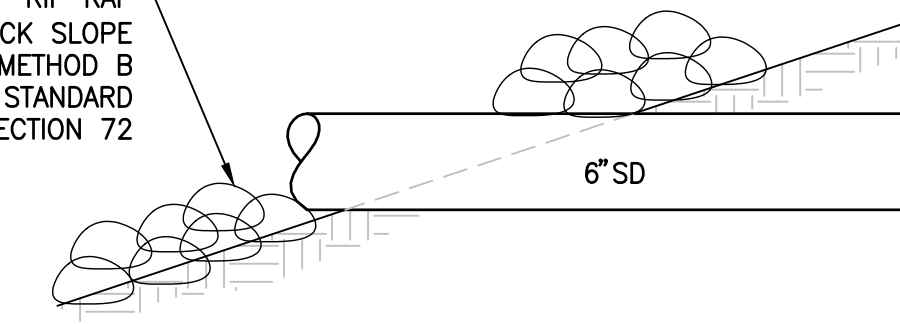
GENERAL NOTES

1. ALL PROPOSED RETAINING WALL LINEAR BENDS ARE 90° UNLESS OTHERWISE NOTED.
2. PROPOSED 1.5" DIAMETER WOOD FENCE POSTS ARE TO BE INSTALLED AT EACH CORNER OF WOOD FENCE AND EVERY 8' ON CENTER ALONG FENCE.

PLAY AREA RETAINING WALL DATA TABLE

LINE #	LENGTH (FT)	BEARING / DELTA	RADIUS (FT)
L1	73.91	N30° 56' 55.30"E	--
L2	34.94	N59° 03' 04.70"W	--

PLACE 2'X2'X8" RIP RAP (NO. 2 BACKING W/ ROCK SLOPE PROTECTION FABRIC, METHOD B PLACEMENT PER CALTRANS STANDARD SPECIFICATIONS, SECTION 72



OUTFALL DETAIL



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:

WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
4870 WILLOW ROAD, STE 125 TEL 925.847.1556
PLEASANTON, CA 94588 FAX 925.847.1597

GEOTECHNICAL:

CE&G
CAL ENGINEERING & GEOLOGY
6455 ALMADEN EXPWY, STE 100
SAN JOSE, CA 95120 TEL 408.440.4542

ENVIRONMENTAL:

Horizon
WATER and ENVIRONMENT
266 GRAND AVE, STE 210 TEL 510.986.1850
DARLAND, CA 94610 FAX 510.350.3592

1"
IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:
**SAN JOSE FAMILY CAMP
STORM DAMAGE
REPAIR PROJECT**

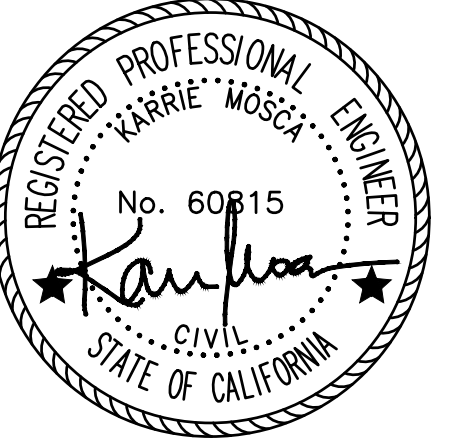
REV	DATE	REASON FOR ISSUE

SCALE: AS SHOWN
DATE: 01/17/2022
SECTION MANAGER: MANAGER
CPMS ID NUMBER: CPMS ID

SHEET TITLE:
**GRADING PLAN
PARKING LOT AND
POOL/PLAY AREA
ACCESS**

SHEET NUMBER: 6 OF 22

SHEET IDEN: **C2.0**



MATT CANO DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY: WOOD ROGERS BUILDING RELATIONSHIPS ONE PROJECT AT A TIME 4670 WILLOW ROAD, STE 125 TEL 925.847.1556 PLEASANTON, CA 94588 FAX 925.847.1597

GEOTECHNICAL: CE&G CAL ENGINEERING & GEOLOGY 6455 ALMADEN EXPWY, STE 100 SAN JOSE, CA 95120 TEL 408.440.4542

ENVIRONMENTAL: Horizon WATER and ENVIRONMENT 266 GRAND AVE, STE 210 TEL 510.986.1850 OAKLAND, CA 94610 FAX 510.350.3592

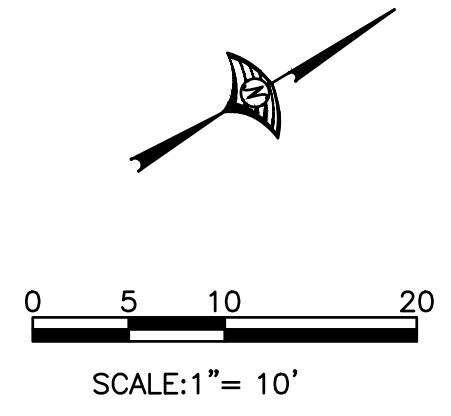
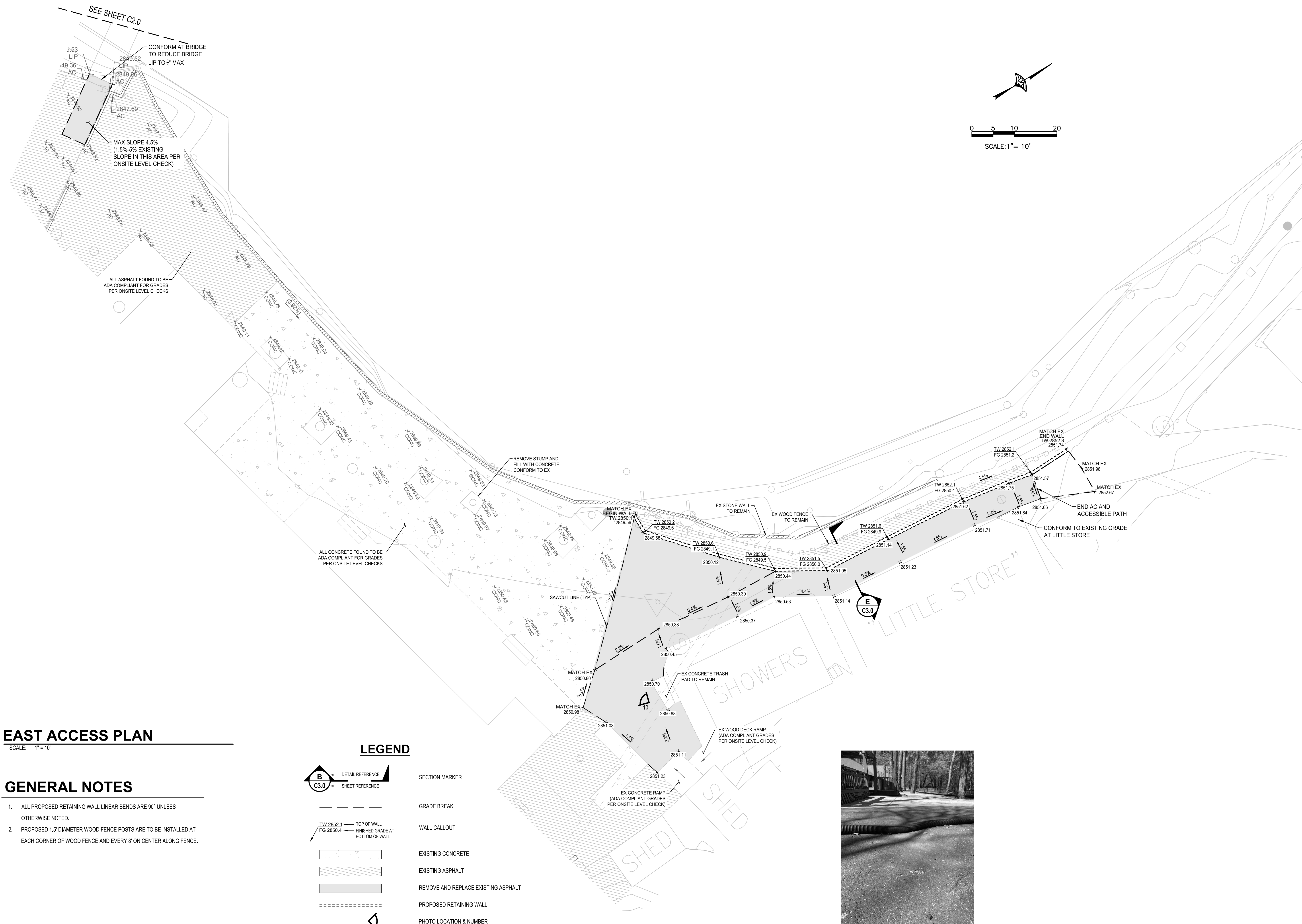
IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE: SAN JOSE FAMILY CAMP STORM DAMAGE REPAIR PROJECT

Table with 3 columns: REV, DATE, REASON FOR ISSUE. Contains one row with empty cells.

Table with 2 columns: SCALE, DATE, DRAWN BY, CHECKED BY. SCALE: AS SHOWN, DATE: 01/17/2022, DRAWN BY: BD, CHECKED BY: KM.

SHEET NUMBER: 7 OF 22 SHEET IDEN: C2.1



EAST ACCESS PLAN

SCALE: 1" = 10'

GENERAL NOTES

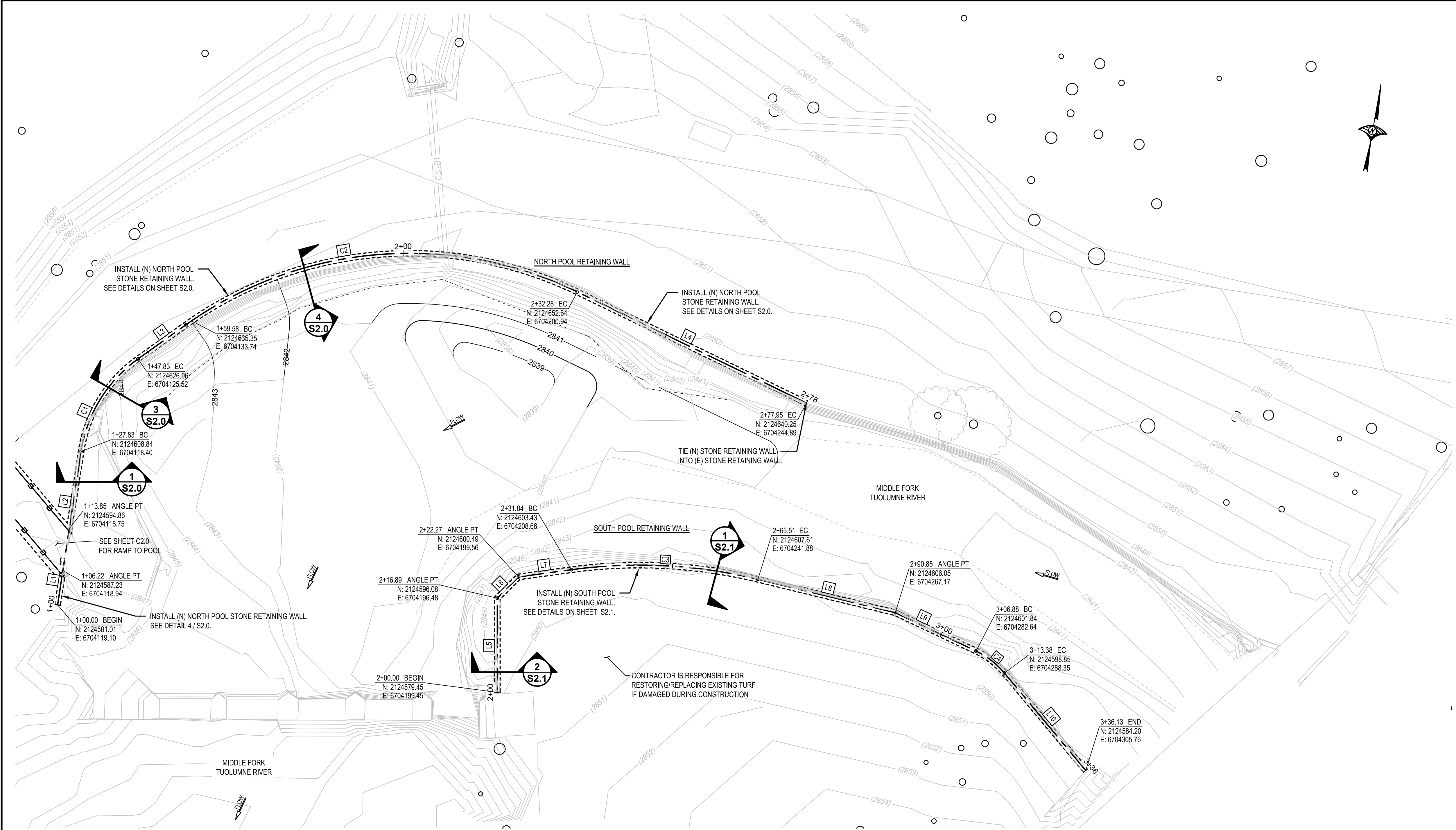
- 1. ALL PROPOSED RETAINING WALL LINEAR BENDS ARE 90° UNLESS OTHERWISE NOTED.
2. PROPOSED 1.5" DIAMETER WOOD FENCE POSTS ARE TO BE INSTALLED AT EACH CORNER OF WOOD FENCE AND EVERY 8' ON CENTER ALONG FENCE.

LEGEND

- DETAIL REFERENCE (B), SHEET REFERENCE (C3.0), SECTION MARKER, GRADE BREAK, WALL CALLOUT, EXISTING CONCRETE, EXISTING ASPHALT, REMOVE AND REPLACE EXISTING ASPHALT, PROPOSED RETAINING WALL, PHOTO LOCATION & NUMBER.



PHOTO #10: AC TO BE REPAIRED/RECONSTRUCTED



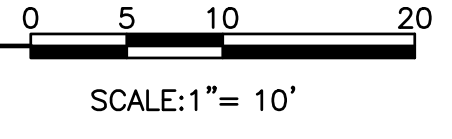
LEGEND

==== RETAINING WALL

SECTION MARKER

DETAIL REFERENCE

SHEET REFERENCE



POOL AREA RETAINING WALL HORIZONTAL CONTROL PLAN

NORTH POOL RETAINING WALL DATA TABLE

LINE # / CURVE #	LENGTH (FT)	BEARING / DELTA	RADIUS (FT)
C1	20.00	45°50'11.84"	25.00
C2	73.89	61°21'21.92"	69.00
L1	6.22	N1° 26' 47.92"W	-
L2	13.98	N1° 26' 47.92"W	-
L3	10.56	N44° 23' 23.77"E	-
L4	45.67	S74° 15' 14.31"E	-

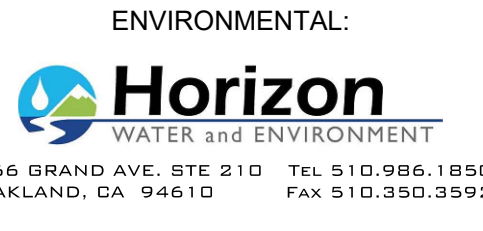
SOUTH POOL RETAINING WALL DATA TABLE

LINE # / CURVE #	LENGTH (FT)	BEARING / DELTA	RADIUS (FT)
C3	33.88	21°26'21.15"	90.00
C4	6.50	24°49'08.31"	15.00
L5	16.89	N10° 07' 41.67"W	-
L6	5.38	N34° 52' 12.62"E	-
L7	9.56	N72° 05' 58.17"E	-
L8	25.34	S86° 27' 40.67"E	-
L9	16.03	S74° 45' 49.83"E	-
L10	22.75	S49° 56' 41.52"E	-



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:
CIVIL / STRUCTURAL / SURVEY:



1" = 10'
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PROJECT TITLE:
SAN JOSE FAMILY CAMP STORM DAMAGE REPAIR PROJECT

REV	DATE	REASON FOR ISSUE

SCALE: AS SHOWN
DATE: 01/17/2022

DRAWN BY: BD
CHECKED BY: KM

SECTION MANAGER:
MANAGER

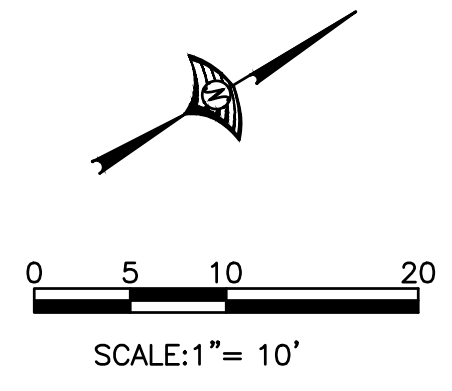
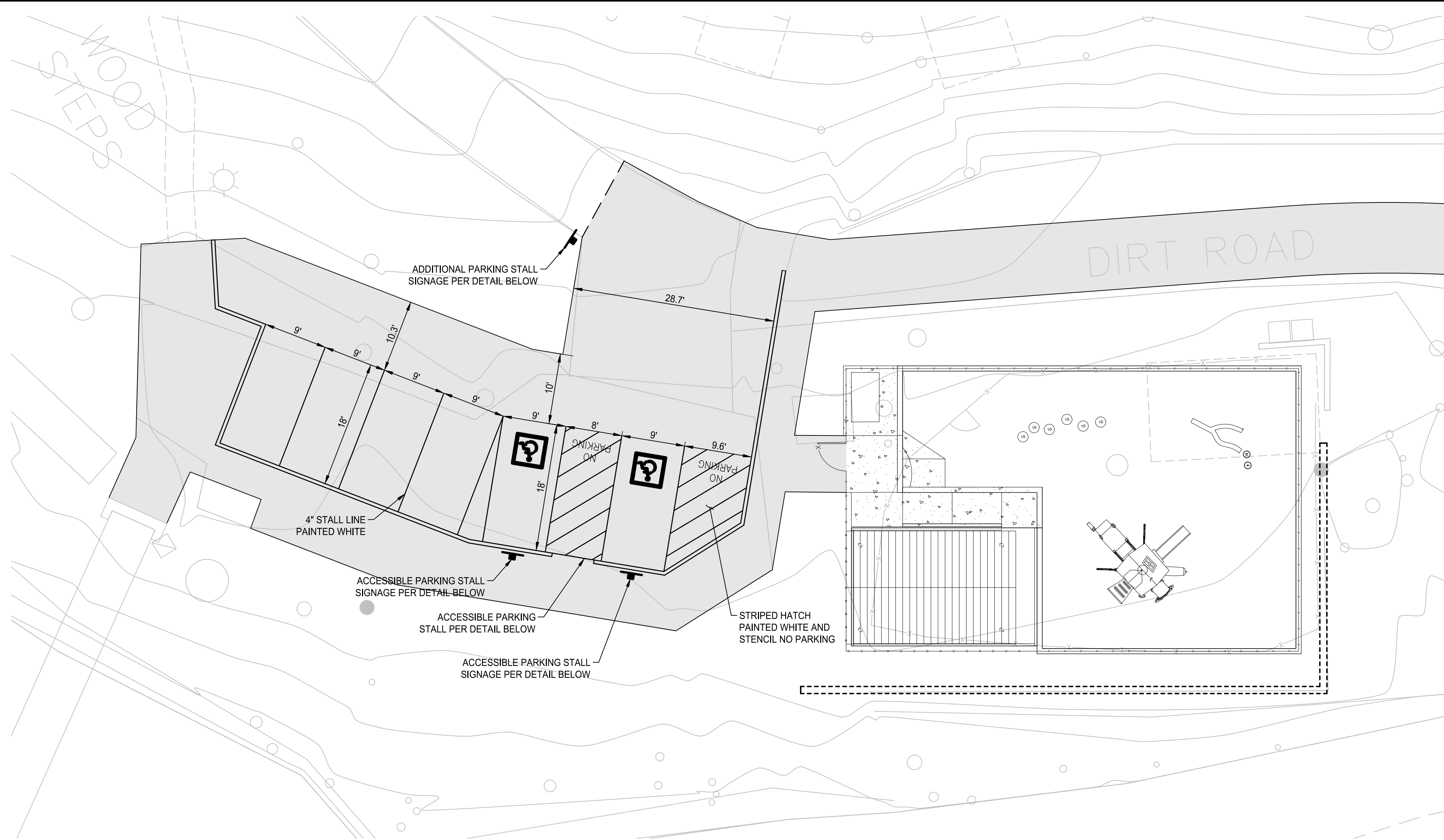
CPMS ID NUMBER:
CPMS ID

SHEET TITLE:
POOL AREA RETAINING WALL HORIZONTAL CONTROL PLAN

SHEET NUMBER: 8 OF 22

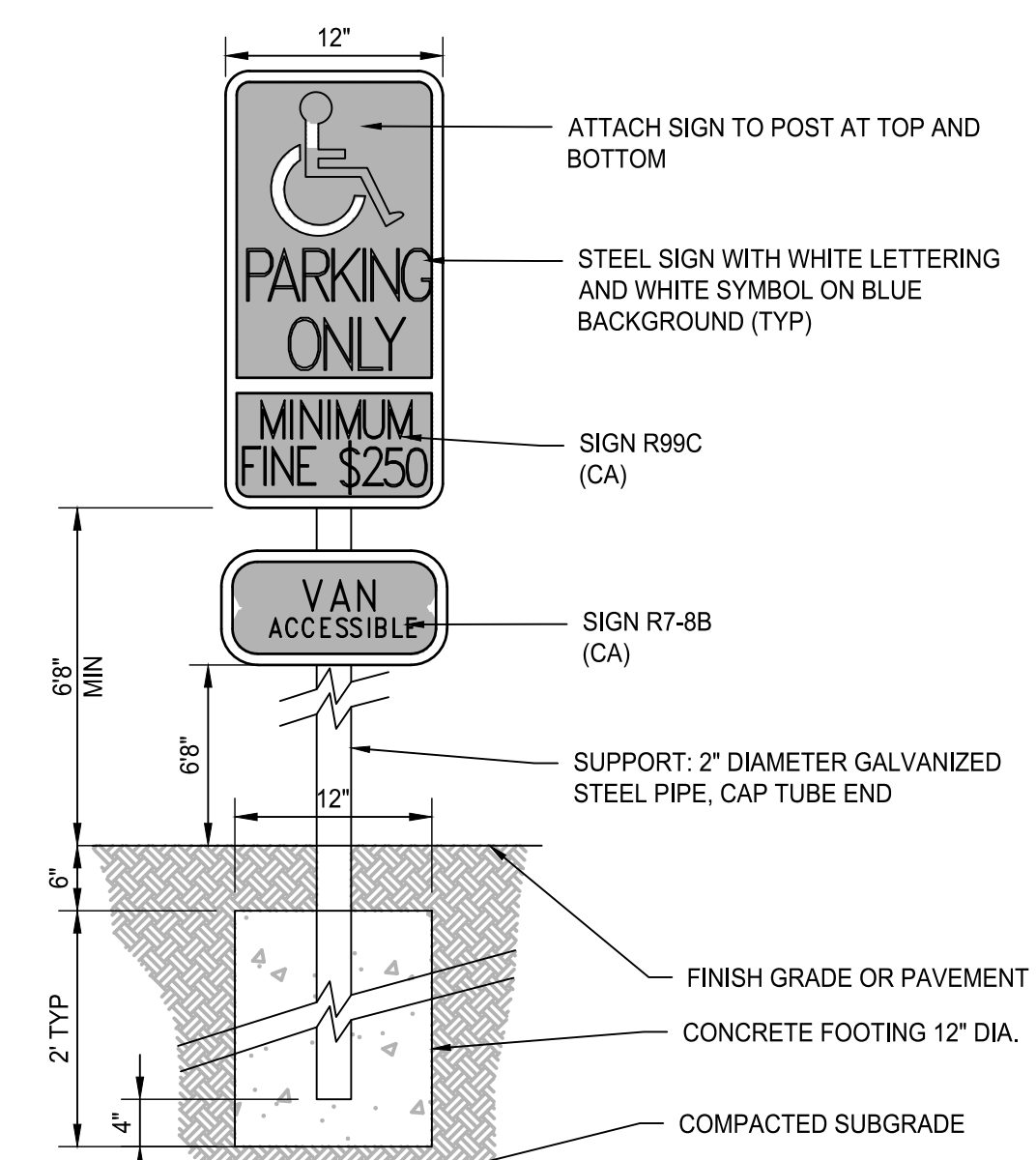
SHEET IDEN: **C2.2**

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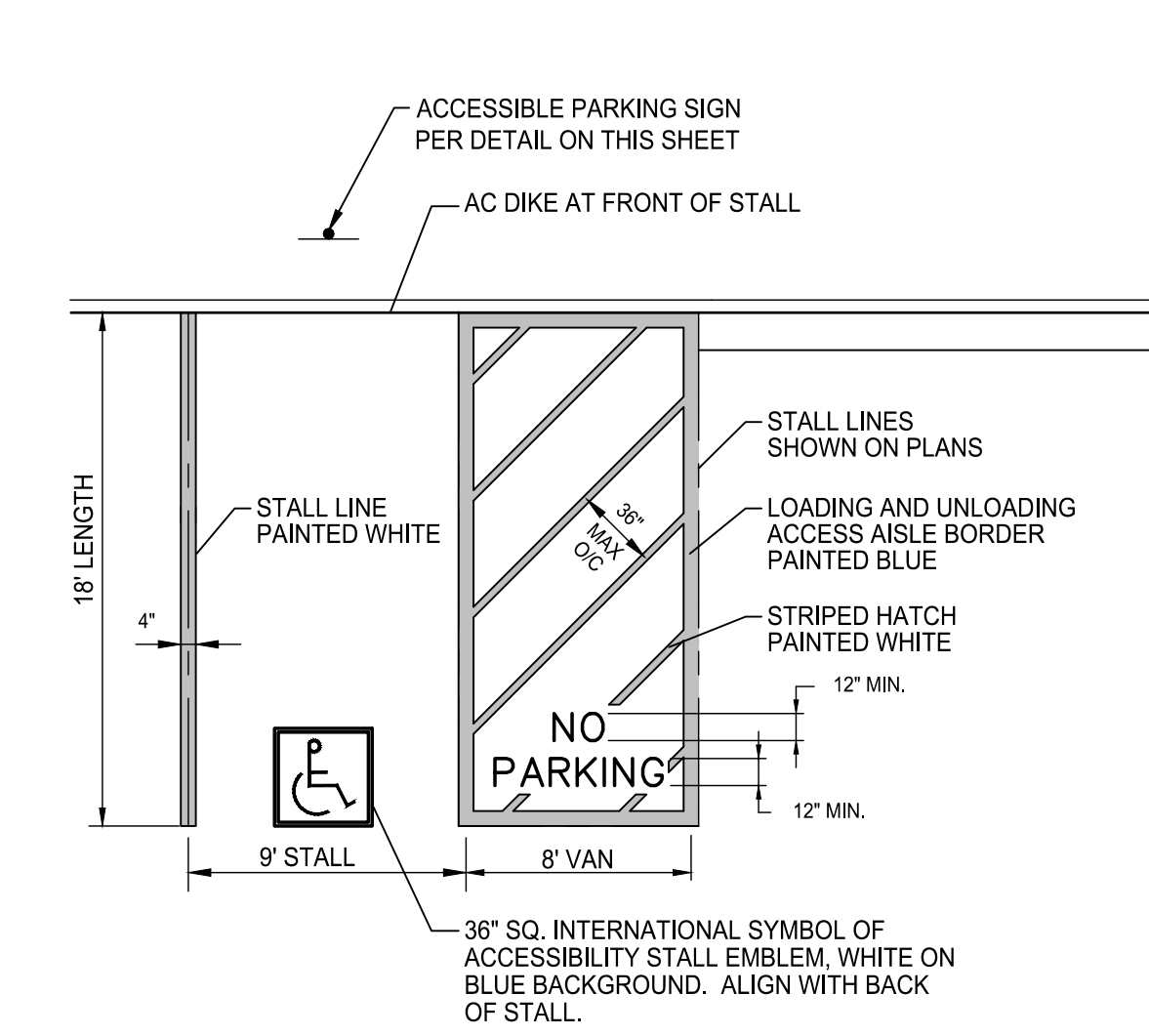
SIGNING AND STRIPING

SCALE: 1" = 10'



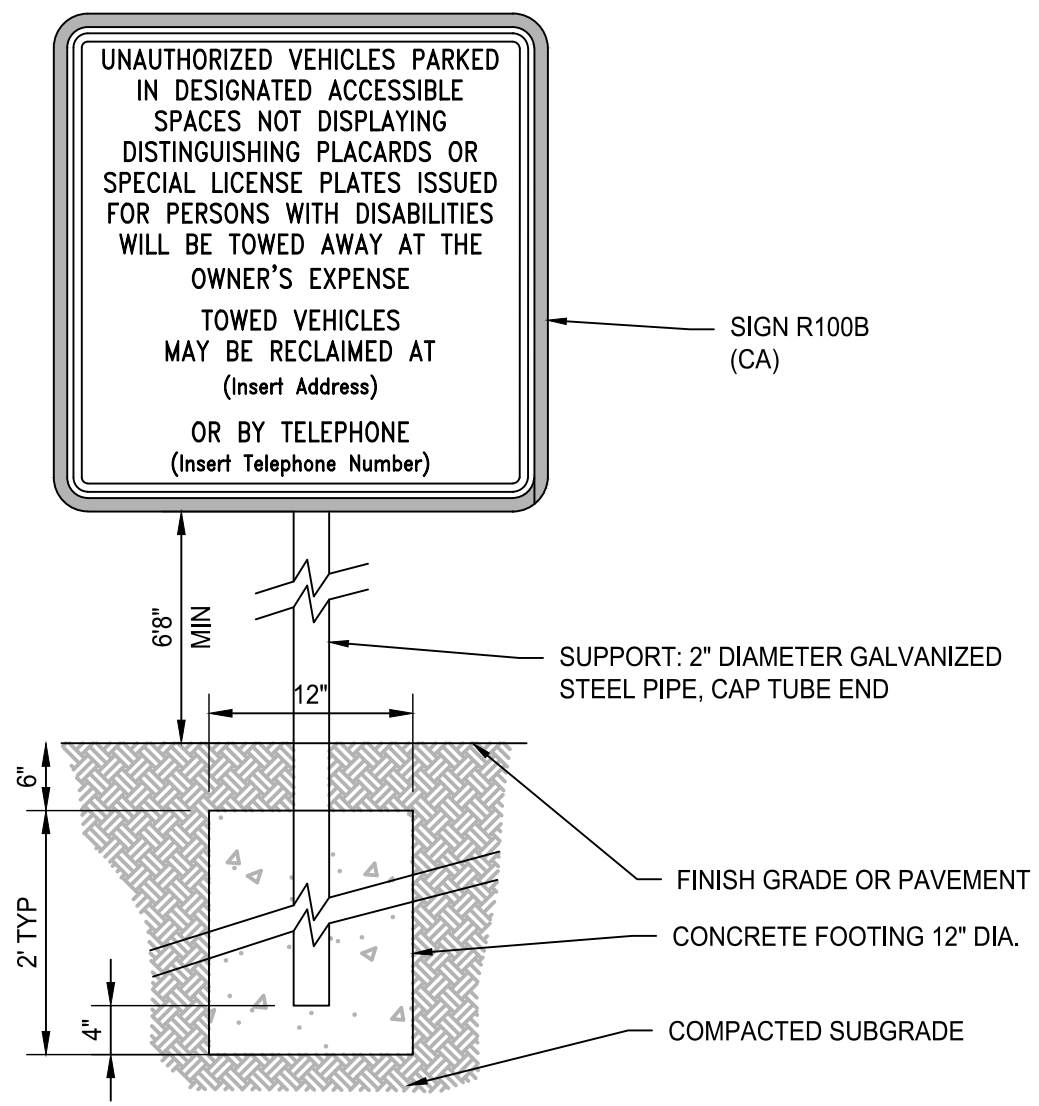
ACCESSIBLE PARKING STALL SIGNAGE DETAIL

SIGN PAINTING NOTE
 ALL SIGN POSTS AND SIGN BACKS SHALL BE PAINTED BROWN, EQUIVALENT TO RAL 8014 OR RAL 8022 TO MATCH SITE LIGHTING COLOR AS PROVIDED BY LIGHTING MANUFACTURER. CONTRACTOR SHALL SUBMIT COLOR SAMPLES AT TIME OF PAINTING FOR APPROVAL BY LANDSCAPE ARCHITECT. REFER TO LANDSCAPE AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.



ACCESSIBLE PARKING STALL

NOTE
 ALL ACCESSIBILITY SYMBOLS, STRIPING, AND SIGNAGE SHALL BE INSTALLED AS REQUIRED BY CURRENT COUNTY OF TUOLUMNE, CBC, AND A.D.A. STANDARDS.



ADDITIONAL PARKING SIGNAGE DETAIL

SIGN PAINTING NOTE
 ALL SIGN POSTS AND SIGN BACKS SHALL BE PAINTED BROWN, EQUIVALENT TO RAL 8014 OR RAL 8022 TO MATCH SITE LIGHTING COLOR AS PROVIDED BY LIGHTING MANUFACTURER. CONTRACTOR SHALL SUBMIT COLOR SAMPLES AT TIME OF PAINTING FOR APPROVAL BY LANDSCAPE ARCHITECT. REFER TO LANDSCAPE AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.



MATT CANO
 DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:



GEOTECHNICAL:



ENVIRONMENTAL:



IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:

SAN JOSE FAMILY CAMP STORM DAMAGE REPAIR PROJECT

REV	DATE	REASON FOR ISSUE

SIGNING AND STRIPING

SHEET NUMBER: 9 OF 22

SHEET IDEN: C2.3



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:



GEOTECHNICAL:



ENVIRONMENTAL:



1"
IF THIS DOES NOT MEASURE ONE INCH,
THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:

**SAN JOSE FAMILY CAMP
STORM DAMAGE
REPAIR PROJECT**

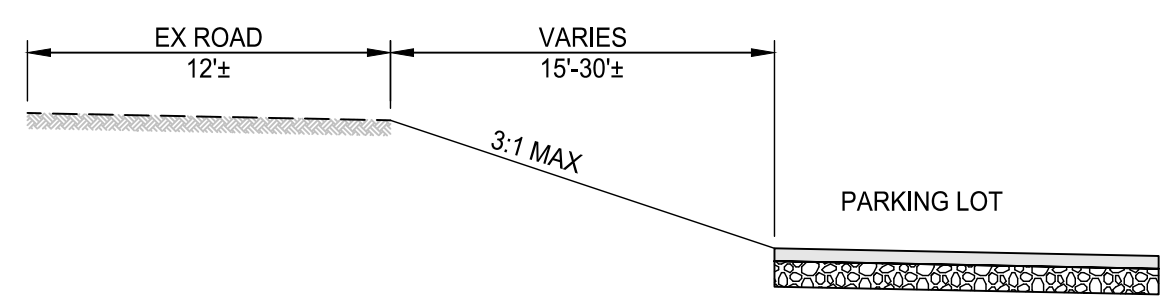
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DATE: 01/17/2022
SECTION MANAGER: MANAGER
CPMS ID NUMBER: CPMS ID
SHEET TITLE:

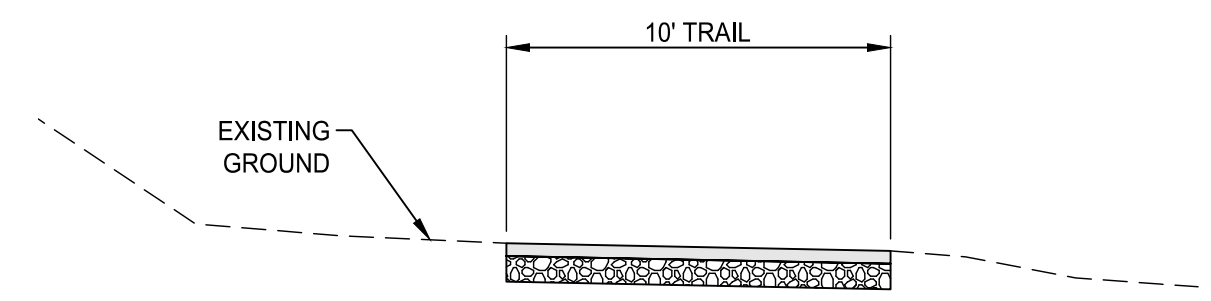
GRADING DETAILS AND SECTIONS

SHEET NUMBER: 10 OF 22

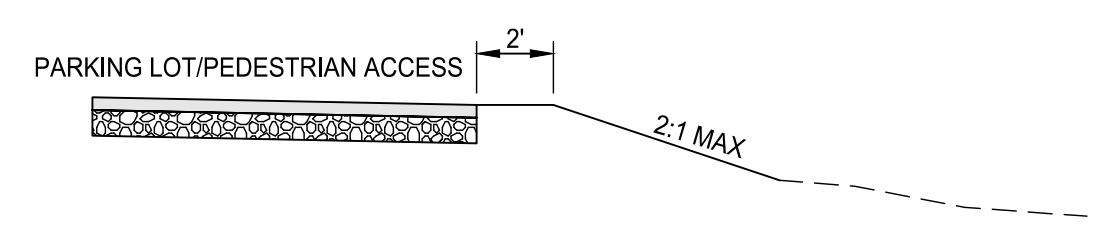
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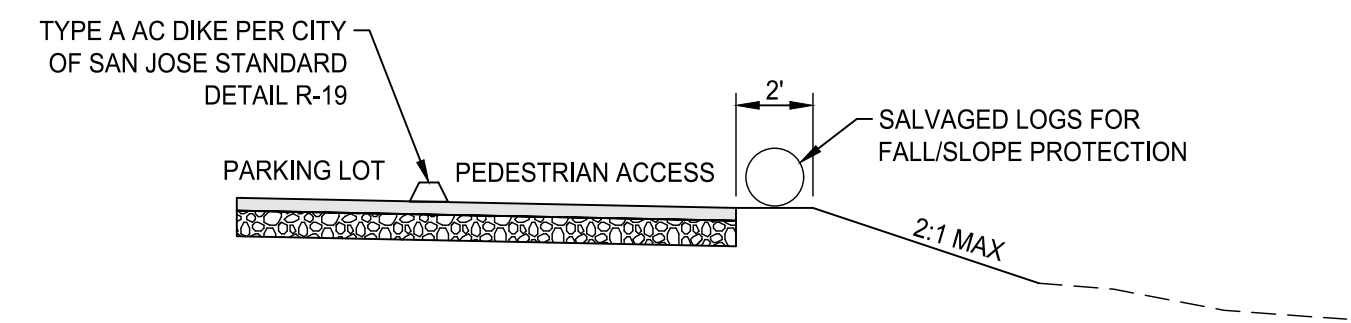
SECTION A
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C2.0 **A**
C3.0



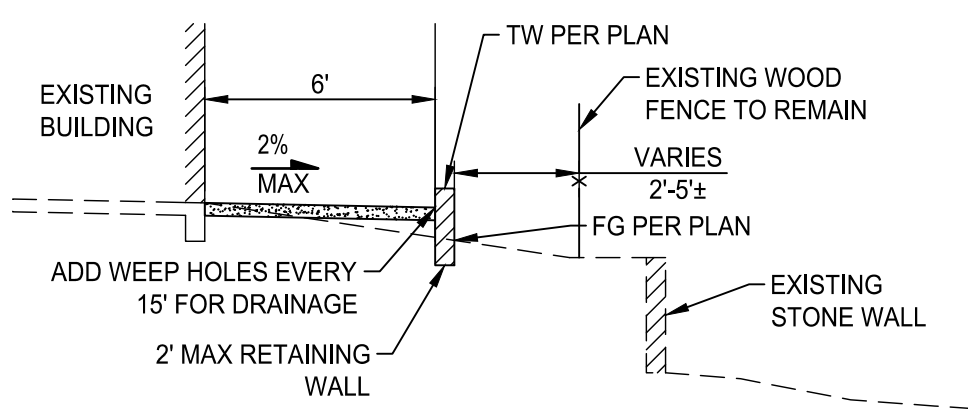
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C3.0



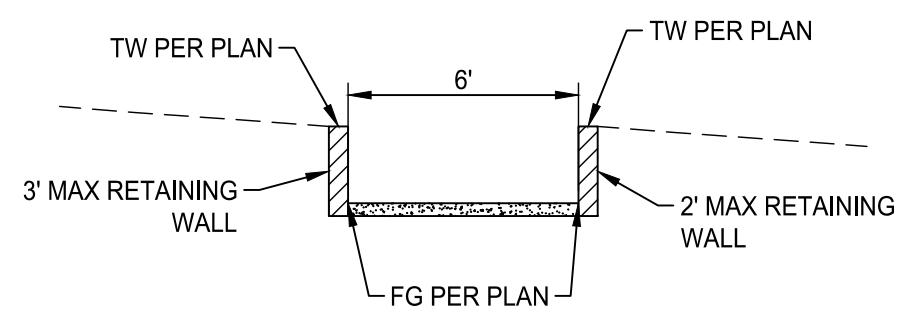
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C3.0



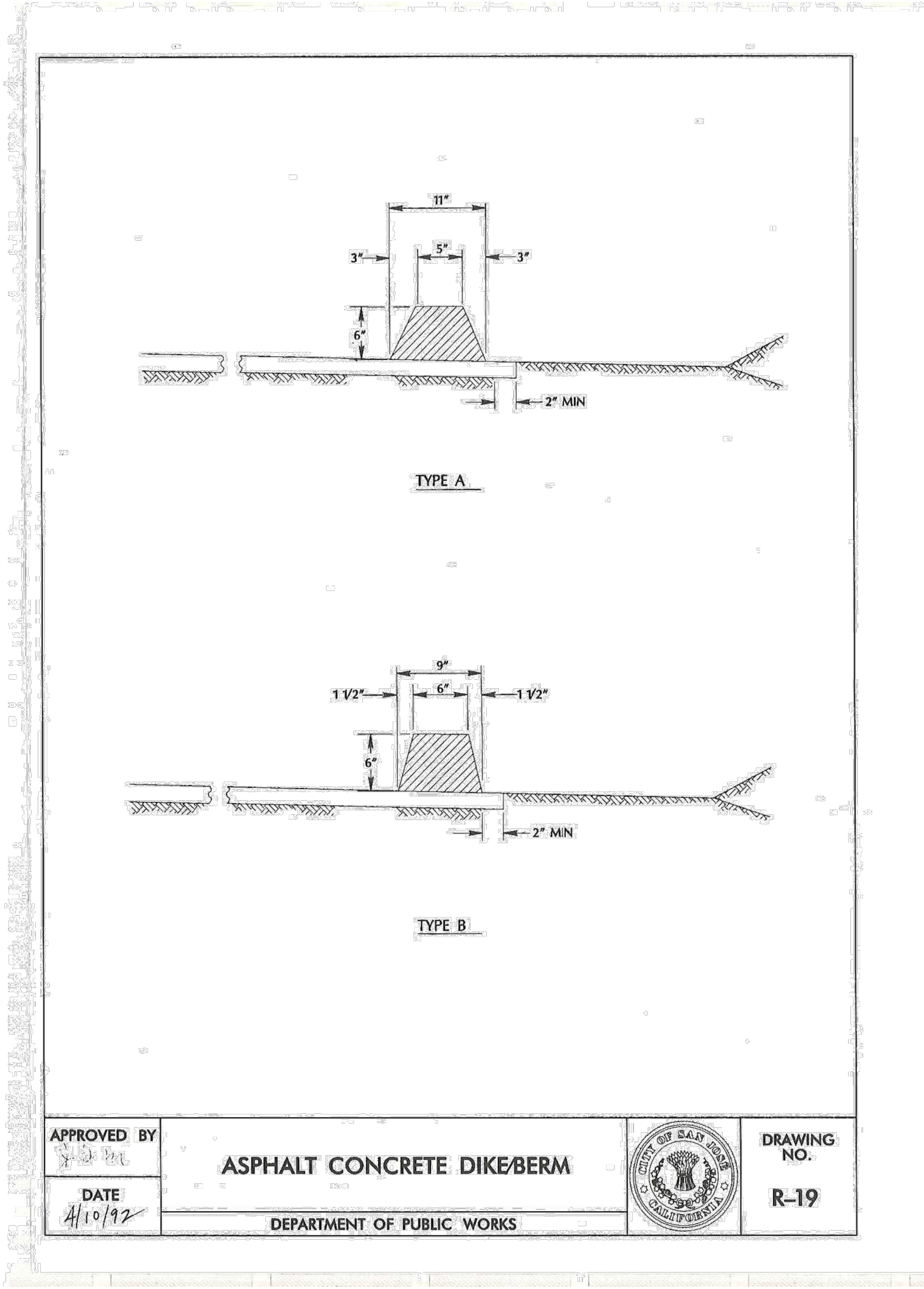
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C3.0



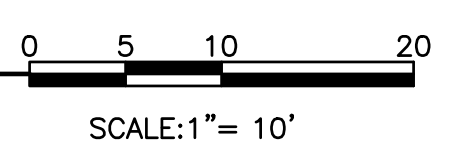
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C2.1 **E**
C3.0

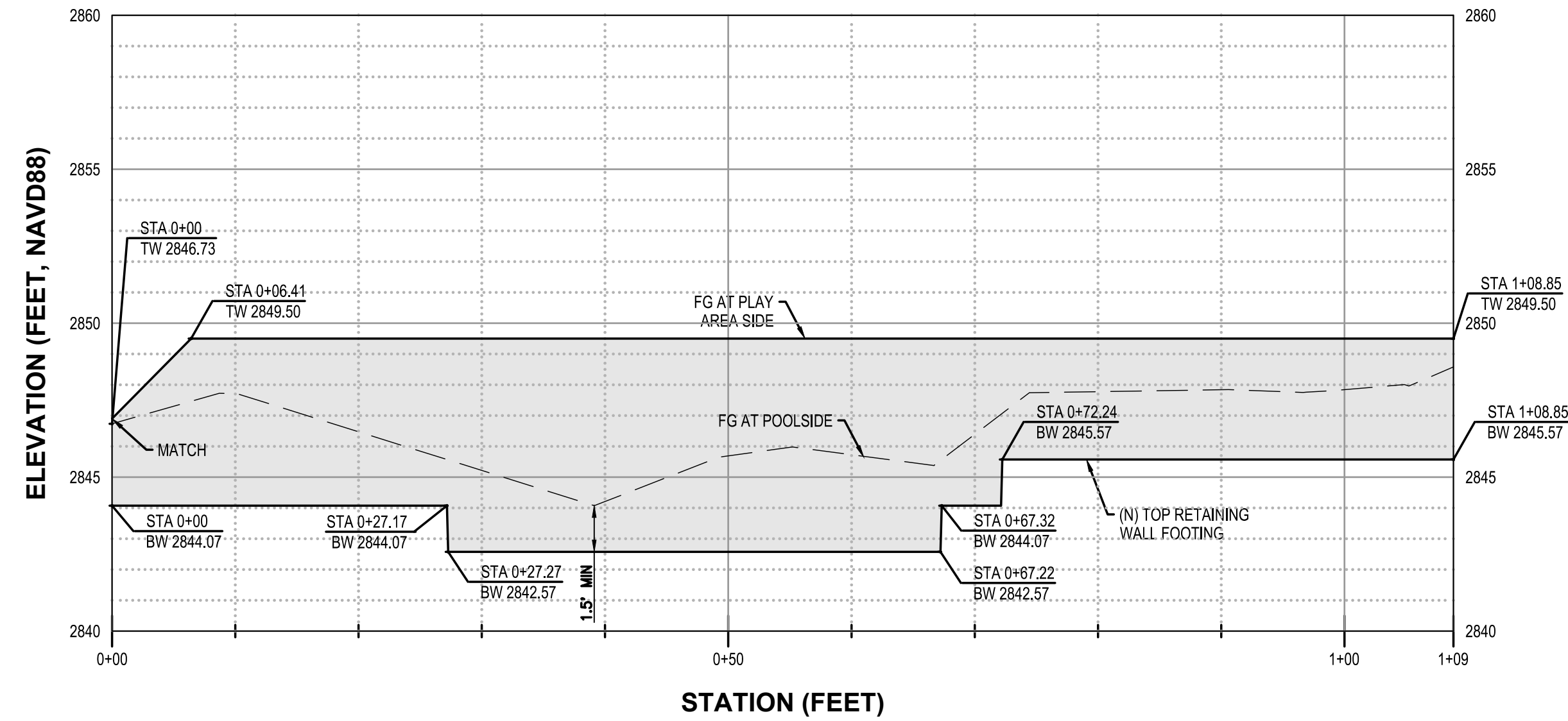


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C3.0



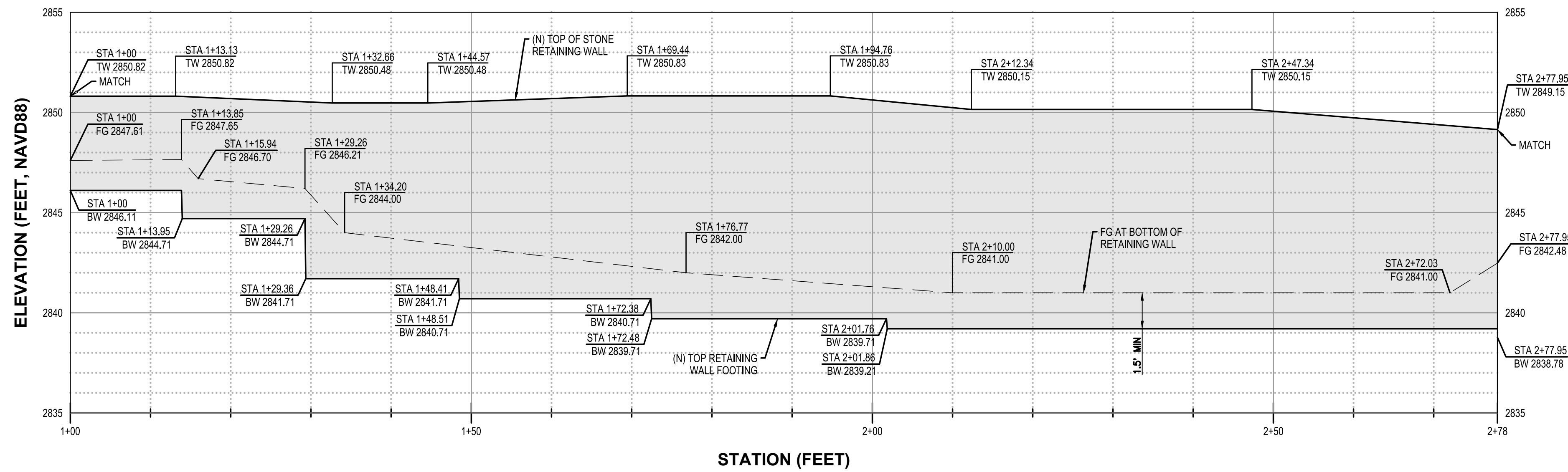
APPROVED BY <i>[Signature]</i>	ASPHALT CONCRETE DIKE/BERM		DRAWING NO. R-19
DATE 4/10/22	DEPARTMENT OF PUBLIC WORKS		





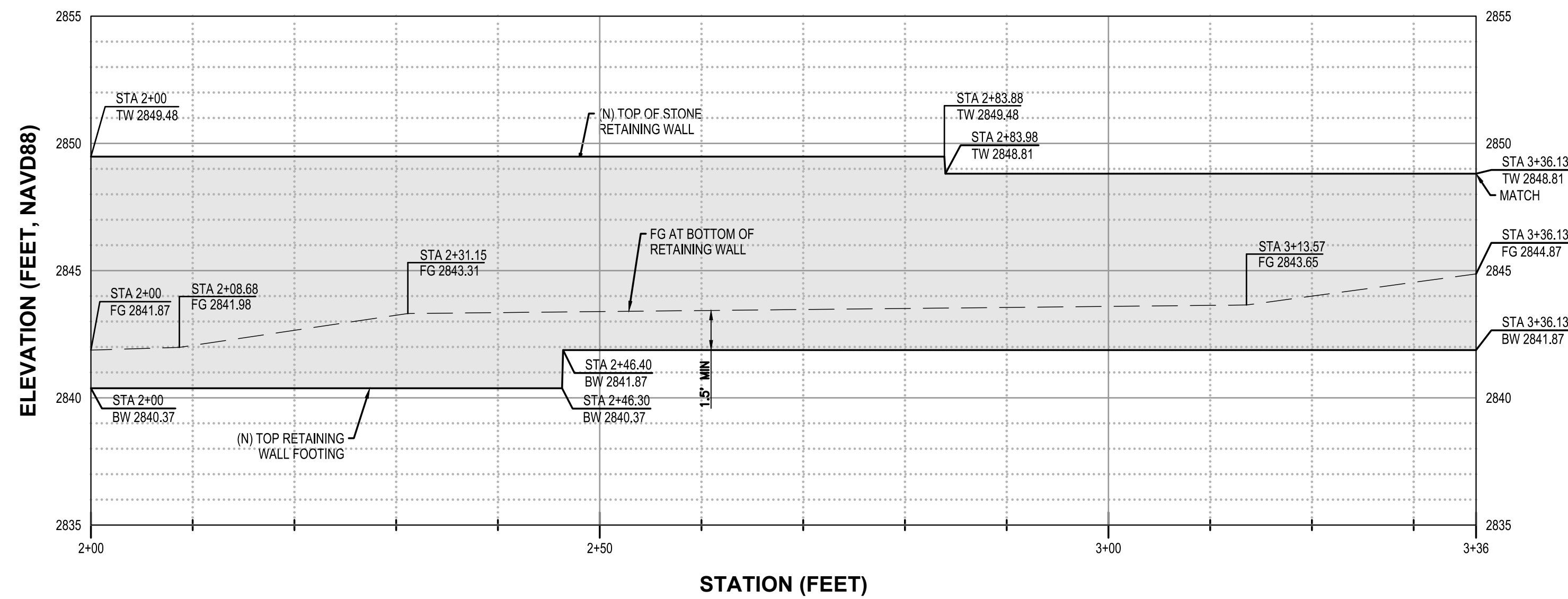
ELEVATION - PLAY AREA WALL

SCALE: 1" = 10' (HOR)
1" = 4' (VER)



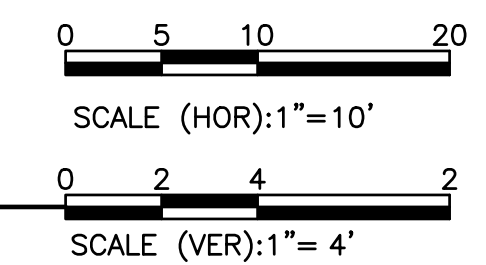
ELEVATION - NORTH POOL WALL

SCALE: 1" = 10' (HOR)
1" = 4' (VER)



ELEVATION - SOUTH POOL WALL

SCALE: 1" = 10' (HOR)
1" = 4' (VER)



RETAINING WALL ELEVATIONS



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:



GEOTECHNICAL:



6455 ALMADEN EXPWY, STE 100, SAN JOSE, CA 95120, TEL 408.440.4542

ENVIRONMENTAL:



266 GRAND AVE, STE 210, DAKLAND, CA 94610, TEL 510.986.1850, FAX 510.350.3592

1" = 1"

IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:

**SAN JOSE FAMILY CAMP
STORM DAMAGE
REPAIR PROJECT**

REV	DATE	REASON FOR ISSUE

SCALE: AS SHOWN
DATE: 01/17/2022

DRAWN BY: BD
CHECKED BY: KM

SECTION MANAGER: MANAGER

CPMS ID NUMBER: CPMS ID

SHEET TITLE:

SHEET NUMBER: 11 OF 22

SHEET IDEN: **C4.0**

**RETAINING WALL
ELEVATIONS**

MATERIAL DELIVERY AND STORAGE

THE FOLLOWING STEPS SHALL BE TAKEN TO MINIMIZE RISK:

- 1. TEMPORARY STORAGE AREA SHALL BE LOCATED AWAY FROM VEHICULAR TRAFFIC.
2. MATERIAL SAFETY DATA SHEETS (MSDS) SHALL BE SUPPLIED FOR ALL MATERIALS STORED.
3. ALL MATERIAL DELIVERY AND STORAGE SHALL TAKE PLACE WITHIN THE DESIGNATED AREA.
4. STORAGE OF REACTIVE, IGNITABLE, OR FLAMMABLE LIQUIDS MUST COMPLY WITH THE LOCAL
5. AN UP TO DATE INVENTORY OF MATERIALS DELIVERED AND STORED ONSITE SHALL BE KEPT.
6. HAZARDOUS MATERIALS STORAGE ONSITE SHALL BE MINIMIZED.
7. HAZARDOUS MATERIALS SHALL BE HANDLED AS INFREQUENTLY AS POSSIBLE.
8. DURING THE RAINY SEASON, MATERIALS SHALL BE STORED IN A COVERED AREA, STORE
9. DO NOT STORE CHEMICALS, DRUMS, OR BAGGED MATERIALS DIRECTLY ON THE GROUND.
10. IF DRUMS MUST BE KEPT UNCOVERED, USE DOMED PLASTIC COVERS OR STORE THEM AT A
11. CHEMICALS SHALL BE KEPT IN THEIR ORIGINAL LABELED CONTAINERS.
12. EMPLOYEES AND SUBCONTRACTORS SHALL BE TRAINED ON THE PROPER MATERIAL DELIVERY
13. EMPLOYEES TRAINED IN EMERGENCY SPILL CLEANUP PROCEDURES MUST BE PRESENT WHEN

MATERIAL STORAGE AREAS AND PRACTICES

- 1. LIQUIDS, PETROLEUM PRODUCTS, AND SUBSTANCES LISTED IN 40 CFR PARTS 110, 117, OR
2. A TEMPORARY CONTAINMENT FACILITY SHALL PROVIDE FOR A SPILL CONTAINMENT VOLUME
3. A TEMPORARY CONTAINMENT FACILITY SHALL BE IMPERVIOUS TO THE MATERIALS STORED
4. A TEMPORARY CONTAINMENT FACILITY SHALL BE MAINTAINED FREE OF ACCUMULATED
5. SUFFICIENT SEPARATION SHALL BE PROVIDED BETWEEN STORED CONTAINERS TO ALLOW FOR
6. THROUGHOUT THE RAINY SEASON, EACH TEMPORARY CONTAINMENT FACILITY SHALL BE
7. MATERIALS SHALL BE STORED IN THEIR ORIGINAL CONTAINERS AND THE ORIGINAL PRODUCT
8. BAGGED AND BOXED MATERIALS SHALL BE STORED ON PALLETS AND SHALL NOT BE ALLOWED
9. PROPER STORAGE INSTRUCTIONS SHALL BE POSTED AT ALL TIMES IN AN OPEN AND
10. AN AMPLE SUPPLY OF APPROPRIATE SPILL CLEAN UP MATERIAL SHALL BE KEPT NEAR STORAGE

VEHICLE AND EQUIPMENT CLEANING, FUELING, AND MAINTENANCE NOTES

- 1. THE CONTRACTOR SHALL PERFORM ALL CLEANING OFF SITE OR CONTRACT WITH EITHER AN OFFSITE
2. THE CONTRACTOR SHALL USE OFFSITE FUELING STATIONS AND REPAIR SITES AS MUCH AS
3. THE CONTRACTOR SHALL DISCOURAGE "TOPPING-OFF" OF FUEL TANKS.
4. THE CONTRACTOR SHALL MAKE AVAILABLE ABSORBENT SPILL CLEANUP MATERIALS AND SPILL
5. THE CONTRACTOR SHALL USE DRIP PANS OR ABSORBENT PADS DURING VEHICLE AND EQUIPMENT

Table with 15 columns: PHASE OF CONSTRUCTION, WET SEASON, DRY SEASON, and various erosion control measures like HYDROSEEDING, SOIL BINDERS, etc.

- (1) INSPECT EVERY OTHER WEEK AND/OR BEFORE, DURING & AFTER STORM EVENT. MAINTAIN AS NEEDED.
(2) ONGOING DURING CONSTRUCTION
(3) INSPECT ON A DAILY BASIS DURING CONSTRUCTION AND/OR BEFORE, DURING & AFTER STORM EVENT.
(4) INSPECT AND MAINTAIN AS NECESSARY PRIOR TO DEWATERING OPERATION.

- 6. THE CONTRACTOR SHALL USE ABSORBENT MATERIALS EVEN ON SMALL SPILLS. DO NOT HOSE
7. THE CONTRACTOR SHALL REMOVE THE ABSORBENT MATERIALS PROMPTLY AND DISPOSE OF
8. FUELING AND MAINTENANCE SHALL TAKE PLACE ONLY IN THE DESIGNATED AREA. THE
9. THE CONTRACTOR SHALL TRAIN EMPLOYEES AND SUBCONTRACTORS IN PROPER FUELING,
10. FUELING AND MAINTENANCE SHALL BE PERFORMED ON LEVEL-GRADE AREAS.
11. THE CONTRACTOR SHALL PROTECT FUELING AND MAINTENANCE AREAS WITH BERMS AND DIKES
12. NOZZLES USED IN VEHICLE AND EQUIPMENT FUELING SHALL BE EQUIPPED WITH AN
13. THE CONTRACTOR SHALL OBSERVE FEDERAL, STATE, AND LOCAL REQUIREMENTS FOR ANY
14. THE CONTRACTOR SHALL INSPECT ONSITE VEHICLES AND EQUIPMENT DAILY AT STARTUP FOR
15. THE CONTRACTOR SHALL SEGREGATE AND RECYCLE WASTES, SUCH AS GREASES, USED OIL OR OIL
16. THE CONTRACTOR SHALL PROPERLY DISPOSE OF USED OILS, FLUIDS, LUBRICANTS, BATTERIES, AND

MATERIAL DELIVERY PRACTICES

- 1. THE CONTRACTOR SHALL KEEP AN ACCURATE, UP-TO-DATE INVENTORY OF MATERIAL DELIVERED
2. THE CONTRACTOR SHALL ARRANGE FOR EMPLOYEES TRAINED IN EMERGENCY SPILL CLEANUP

SPILL CLEANUP

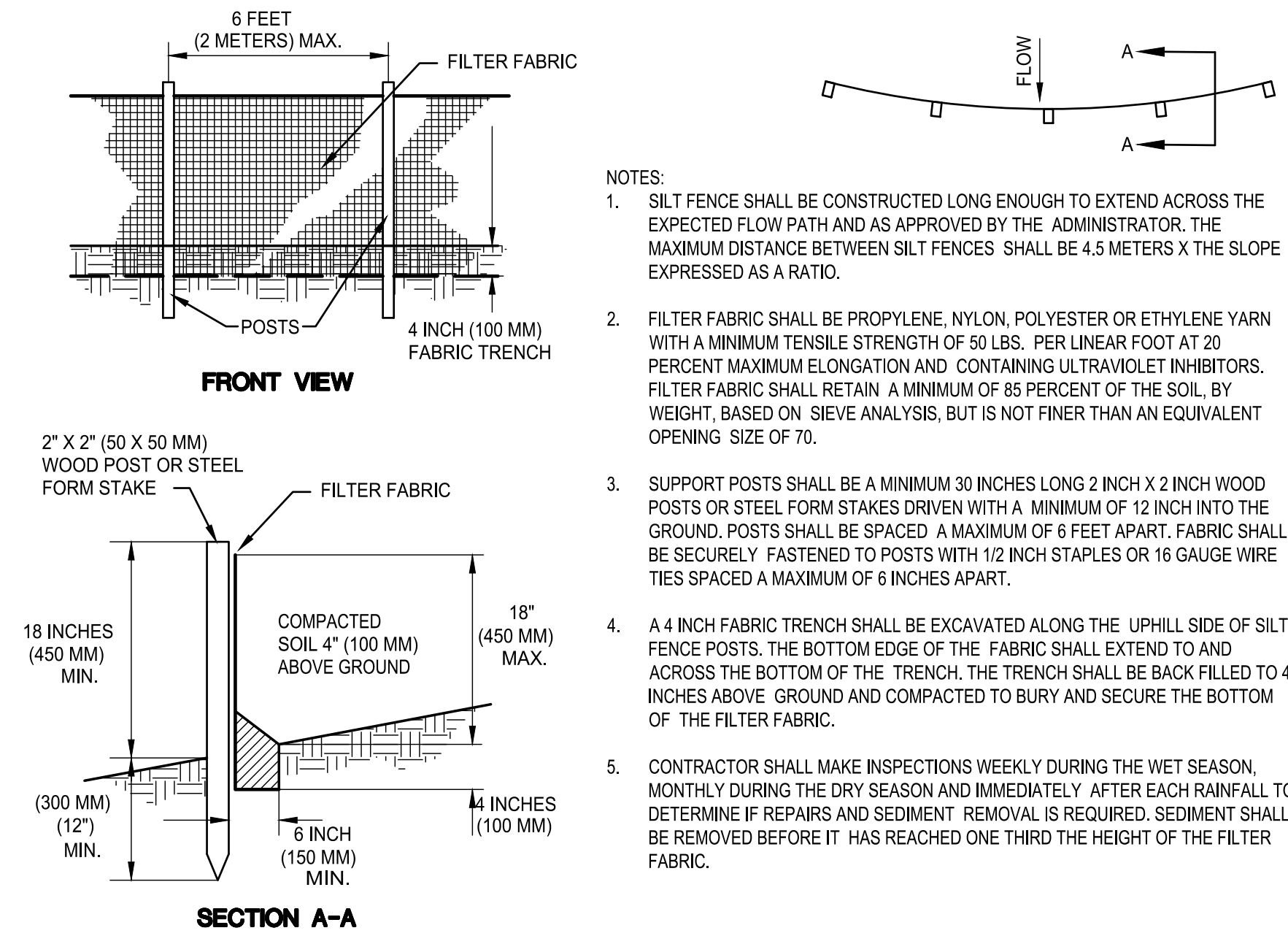
- 1. THE CONTRACTOR SHALL CONTAIN AND CLEAN UP ANY SPILL IMMEDIATELY.
2. THE CONTRACTOR SHALL PROPERLY REMOVE AND DISPOSE OF ANY HAZARDOUS MATERIALS OR

BMP INSTALLATION SCHEDULE

- AT THE START OF CLEARING OPERATIONS PERIMETER CONTROLS,
-WHEN NECESSARY, AND STABILIZED SITE ACCESS SHALL BE INSTALLED.
-JUPON COMPLETION OF ROUGH GRADING STABILIZATION OF RIGHT-OF-
-WAY BUFFERS AND SLOPES SHALL BE DONE.
-JUPON COMPLETION OF DRAIN INLETS AND STREETS, INLET FILTERS
AND STRAW WATTLE AT BACK OF SIDEWALK SHALL BE PLACED.
-ALL WET SEASON BMPs TO BE IN PLACE PRIOR TO ANY STORM EVENT.

EROSION AND SEDIMENT CONTROL NOTES

- 1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND
2. EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL BE INSTALLED
3. ALL DRAINAGE INLETS IMMEDIATELY DOWNSTREAM OF THE WORK AREAS AND
4. ALL STABILIZED CONSTRUCTION ACCESS LOCATIONS SHALL BE CONSTRUCTED
5. ALL AREAS DISTURBED DURING CONSTRUCTION, BY GRADING, TRENCHING, OR

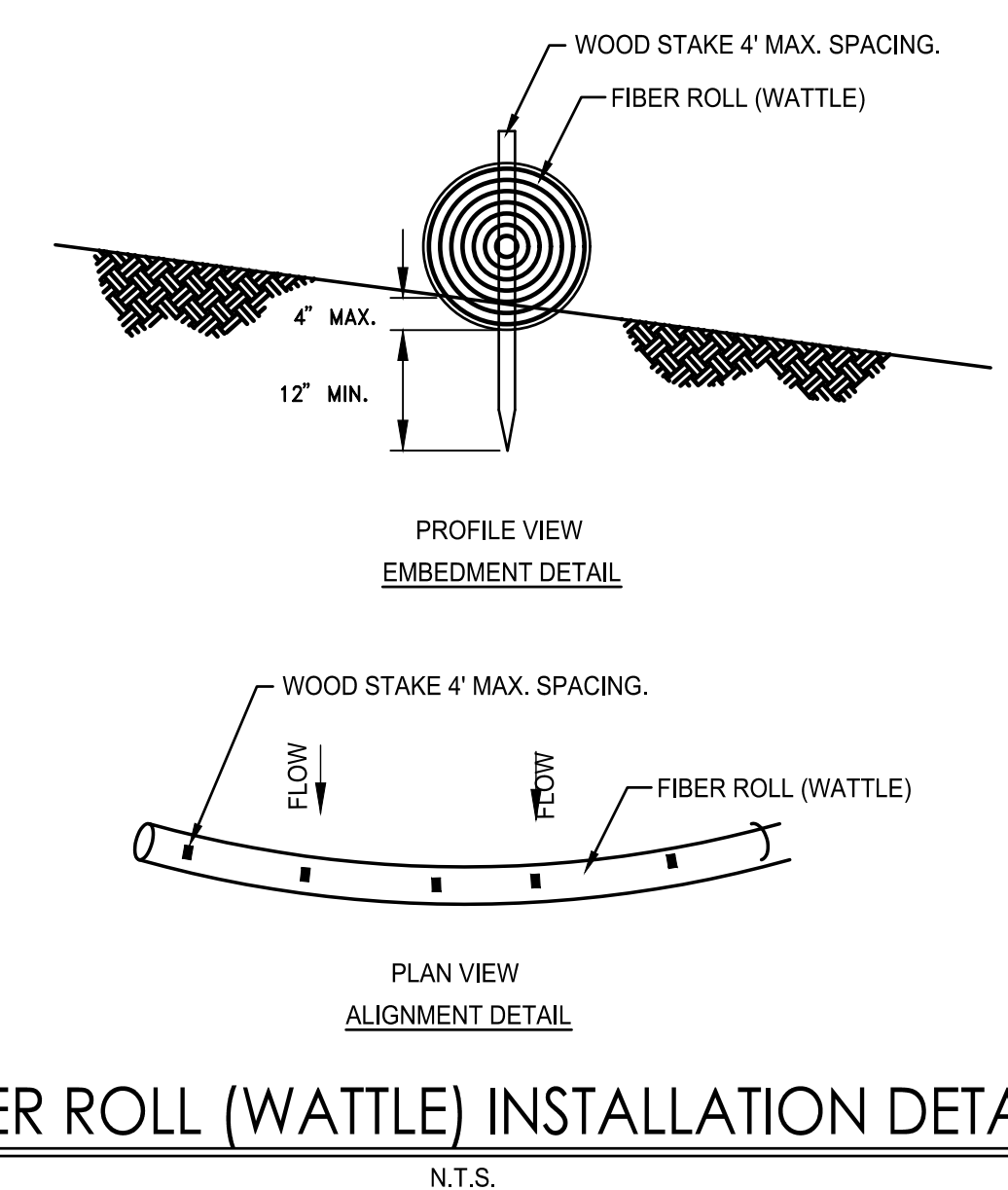


SILT FENCE DETAIL

N.T.S.

HYDROSEED APPLICATION PER ACRE:
• 1800-2000 LBS. WOOD CELLULOSE FIBER
• 400 LBS. ORGANIC FERTILIZER
• 100 LBS. M BINDER (OR EQUIVALENT)
• 10 LBS. BLANDO BROME
• 5 LBS. ZORRO
• 10 LBS. CRIMSON CLOVER
• 25 LBS. RYE

- 6. SENSITIVE AREAS AND AREAS WHERE EXISTING VEGETATION IS BEING PRESERVED
7. SEDIMENT CONTROL BMPs SHALL BE PLACED ALONG THE PROJECT PERIMETER
8. THE FOLLOWING AREAS ARE TO RECEIVE HYDROSEEDING:
A. ALL AREAS WHERE EXISTING VEGETATION HAS BEEN REMOVED OR DISTURBED DUE
9. EROSION AND SEDIMENT CONTROL MEASURES FOR THIS PROJECT SHALL BE IN
10. PRIOR TO A RAIN EVENT, OR IF AN AREA WILL NOT BE ACTIVELY WORKED ON



FIBER ROLL (WATTLE) INSTALLATION DETAIL

N.T.S.



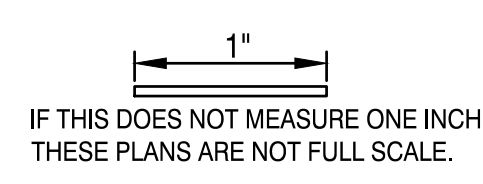
MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:



ENVIRONMENTAL:



PROJECT TITLE:

SAN JOSE FAMILY CAMP
STORM DAMAGE
REPAIR PROJECT

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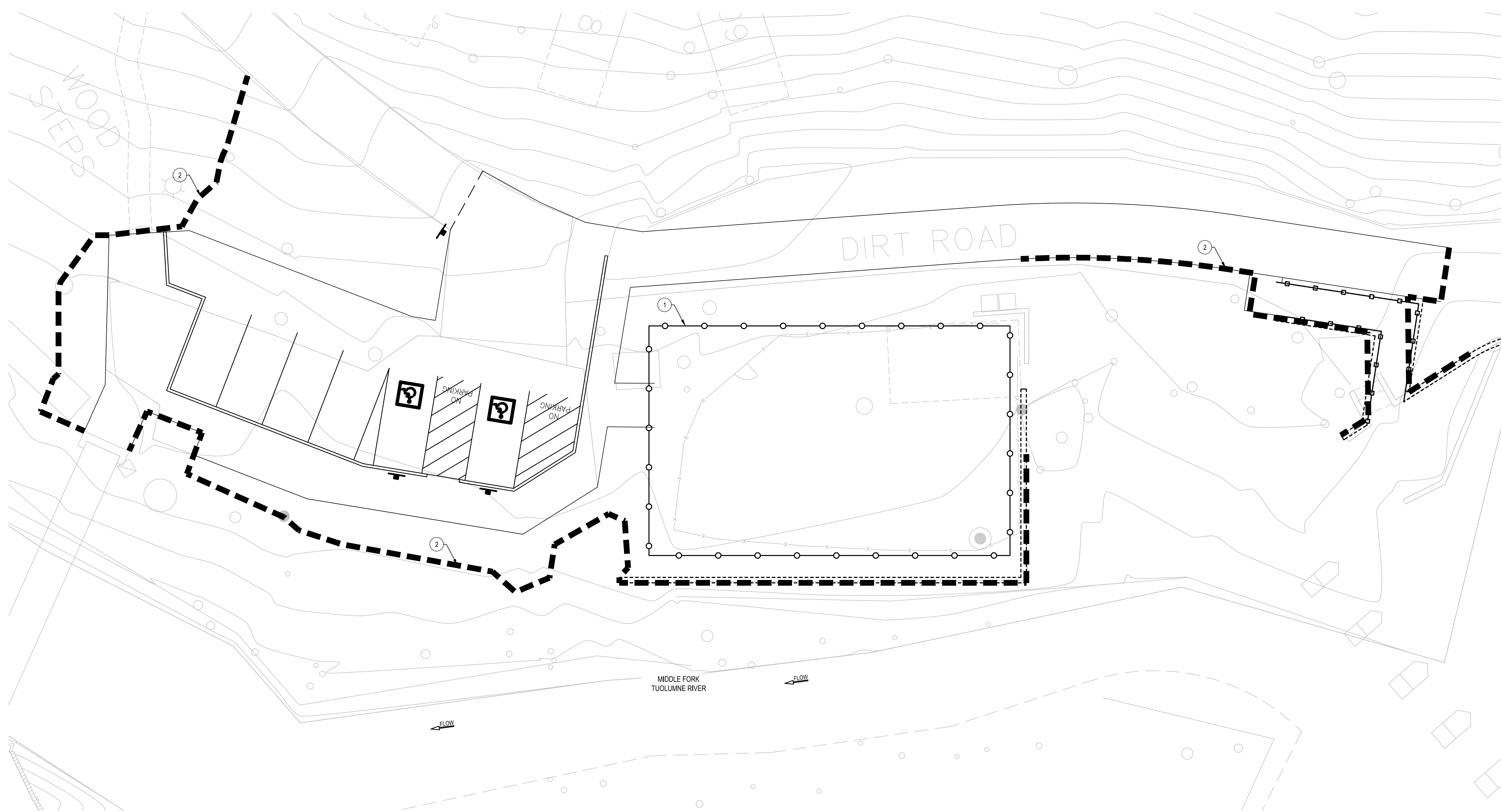
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SECTION MANAGER:
MANAGER
CPMS ID NUMBER:
CPMS ID
SHEET TITLE:

EROSION CONTROL NOTES AND DETAILS

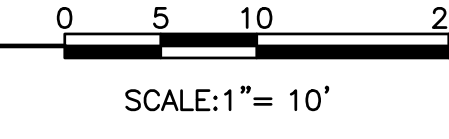
SHEET NUMBER: 12 OF 22

SHEET IDEN: C5.0



EROSION CONTROL PLAN

SCALE: 1" = 10'



CONSTRUCTION NOTES:

- ① INSTALL SILT FENCE PER DETAIL ON SHEET C5.0
- ② INSTALL FIBER ROLL PER DETAIL ON SHEET C5.0

LEGEND

- FIBER ROLL BARRIER
- SILT FENCE

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MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:



GEOTECHNICAL:



ENVIRONMENTAL:



1"
IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:

**SAN JOSE FAMILY CAMP
STORM DAMAGE
REPAIR PROJECT**

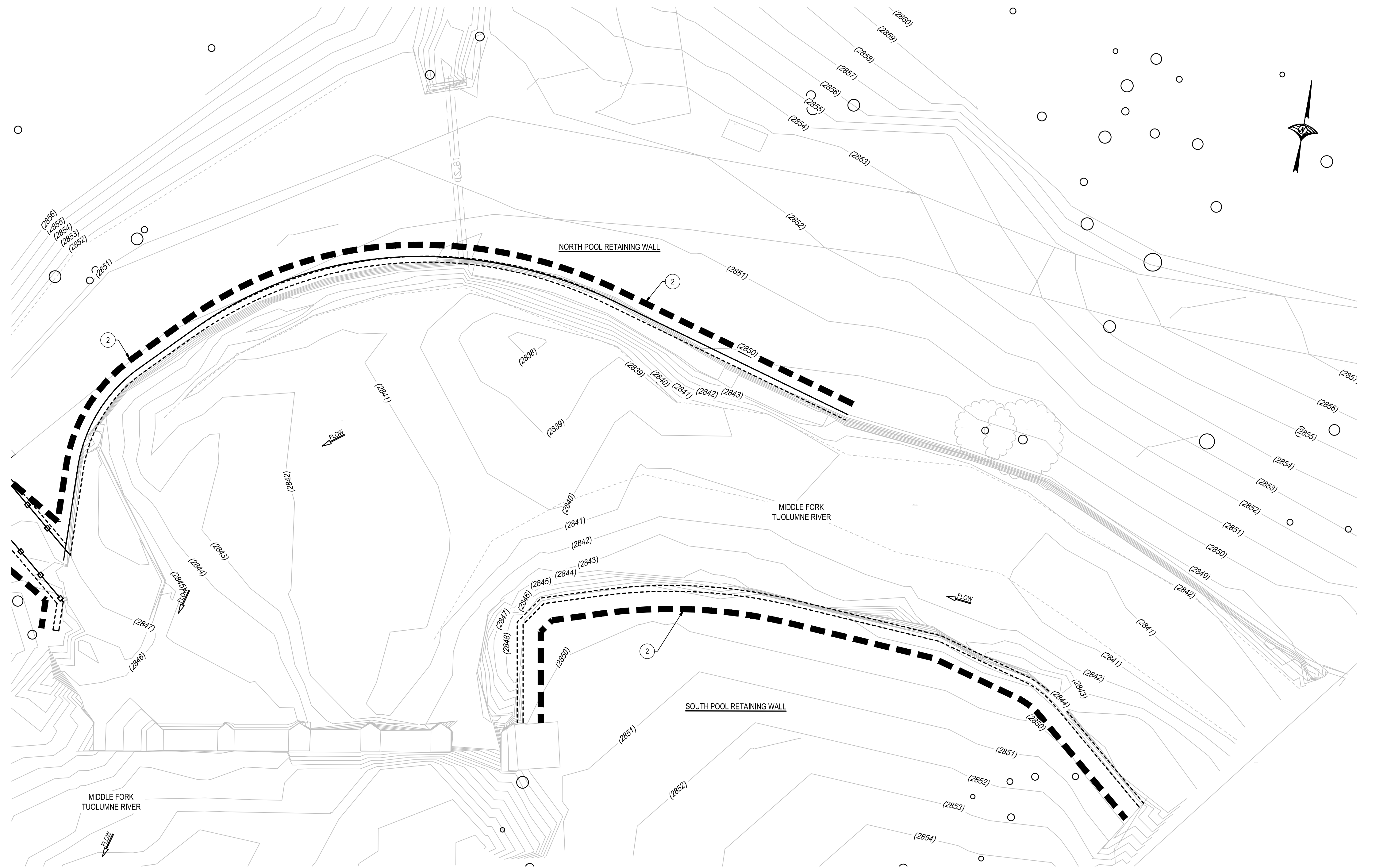
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DATE:	01/17/2022	CHECKED BY:	KM

SECTION MANAGER:
MANAGER
CPMS ID NUMBER:
CPMS ID
SHEET TITLE:

**EROSION CONTROL
PLAN**

SHEET NUMBER: 13 OF 22

SHEET IDEN: **C5.1**



CONSTRUCTION NOTES:

- 1 INSTALL SILT FENCE PER DETAIL ON SHEET C5.0
- 2 INSTALL FIBER ROLL PER DETAIL ON SHEET C5.0

LEGEND

- FIBER ROLL BARRIER
- SILT FENCE



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

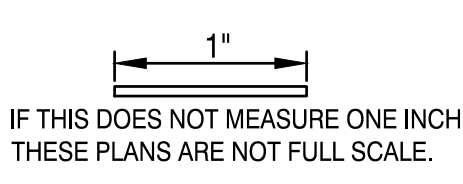
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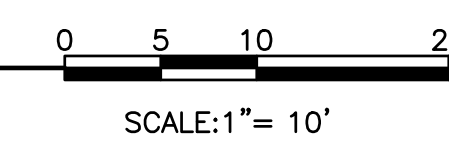


PROJECT TITLE:

**SAN JOSE FAMILY CAMP
STORM DAMAGE
REPAIR PROJECT**

EROSION CONTROL PLAN

SCALE: 1" = 10'



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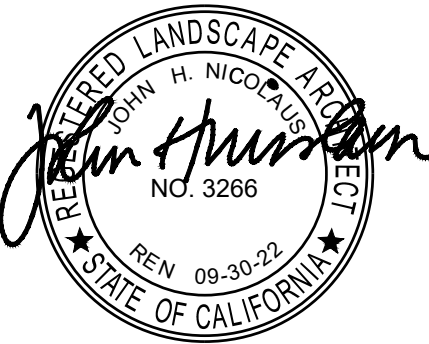
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SECTION MANAGER: MANAGER
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SHEET TITLE:

EROSION CONTROL PLAN

SHEET NUMBER: 14 OF 22

SHEET IDEN: C5.2



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:



ENVIRONMENTAL:



1" SCALE
IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:

SAN JOSE FAMILY CAMP
STORM DAMAGE
REPAIR PROJECT

REV	DATE	REASON FOR ISSUE
SCALE:	AS SHOWN	DRAWN BY: BD
DATE:	01/17/2022	CHECKED BY: KM
SECTION MANAGER: MANAGER		
CPMS ID NUMBER: CPMS ID		
SHEET TITLE:		

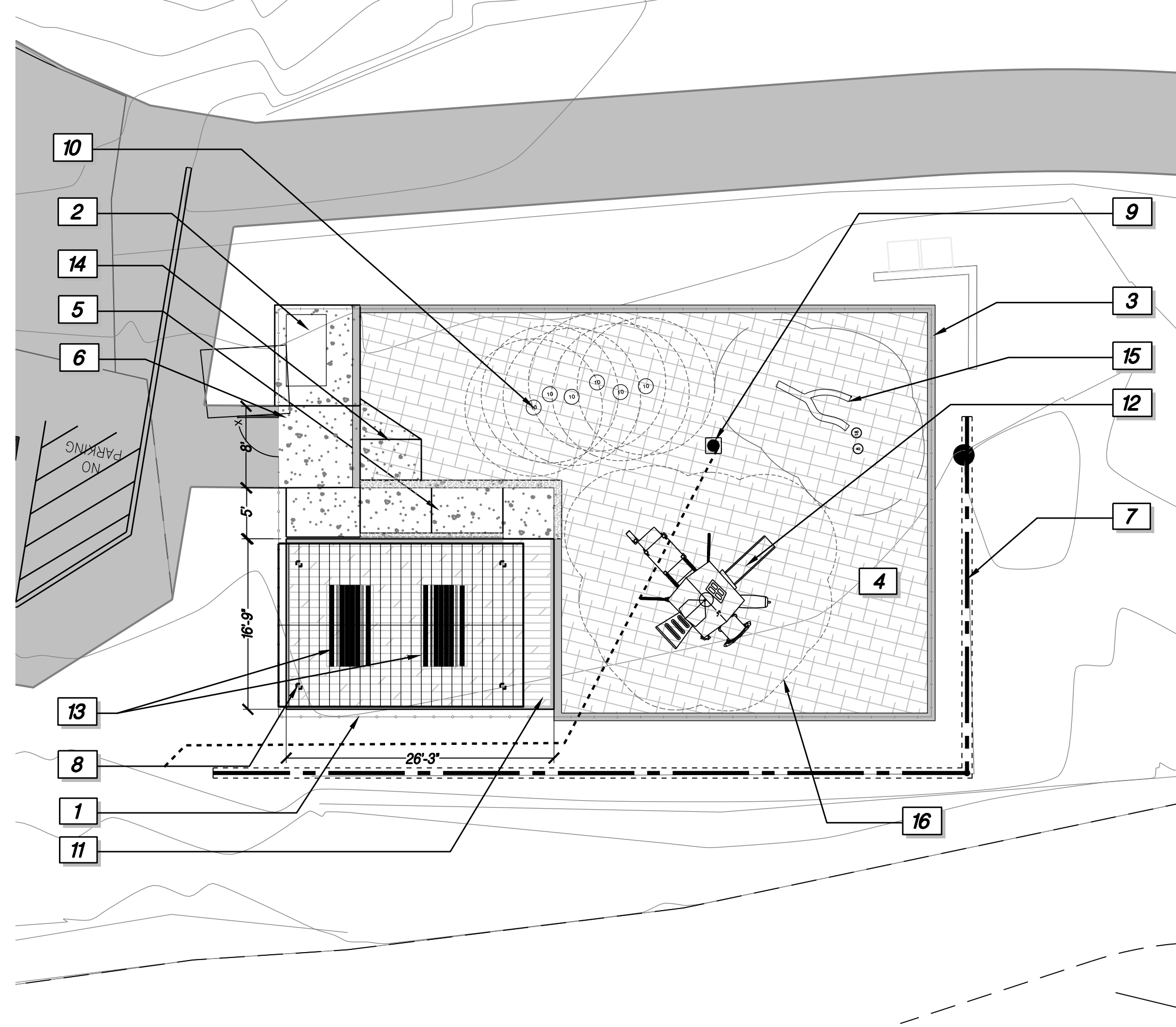
PLAY AREA LAYOUT

SHEET NUMBER: 15 OF 22

SHEET IDEN: L1.0

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
1	PLAY AREA FENCE REPLACED TO MATCH EXISTING	J/L12
2	EXISTING STORAGE SHED TO BE RELOCATED	
3	PLAY AREA FENCING ON CONTAINMENT CURB	I/L12
4	PLAY AREA FIBER GROUND SURFACE SHALL COMPLY WITH ASTM F1951. GROUND SURFACE SHALL BE INSPECTED AND MAINTAINED REGULARLY AND FREQUENTLY TO ENSURE CONTINUED COMPLIANCE WITH ASTM F1951. FIBAR SHALL OBTAIN CERTIFICATION OF COMPLIANCE.	
5	ACCESSABLE CONCRETE SLOPING WALK	F/L11
6	PLAY AREA GATE, SHALL BE ACCESSIBLE PER THE CBC 11B-404 CODE.	H/L12
7	RETAINING WALL PER CIVIL PLANS	
8	16' X 24' SHADE STRUCTURE, BY CLASSIC RECREATION SYSTEMS PROVIDED BY ROSS RECREATION, CONTACT: ALEX HAILY • 707-538-3800, OR APPROVED EQUAL.	M/L13
9	DRAIN INLET	
10	MUSHROOM STEPPING PADS, BY LANDSCAPE STRUCTURES INC. PROVIDED BY ROSS RECREATION, CONTACT: ALEX HAILY • 707-538-3800, OR APPROVED EQUAL.	C/L10
11	WOOD DECK	G/L11
12	PLAY STRUCTURE (2-5 YEAR OLD), BY LANDSCAPE STRUCTURES INC. PROVIDED BY ROSS RECREATION, CONTACT: ALEX HAILY • 707-538-3800, OR APPROVED EQUAL.	C/L10 & K&L13
13	PICNIC TABLE, BY OWNER 5% OF SEATING SPACES SHALL BE ACCESSIBLE.	
14	PLAY AREA TRANSITION RAMP	A/L10
15	BALANCE LOG, BY LANDSCAPE STRUCTURES INC. PROVIDED BY ROSS RECREATION, CONTACT: ALEX HAILY • 707-538-3800, OR APPROVED EQUAL.	C/L10
16	TYPICAL FALL SAFETY ZONE	



GENERAL NOTES

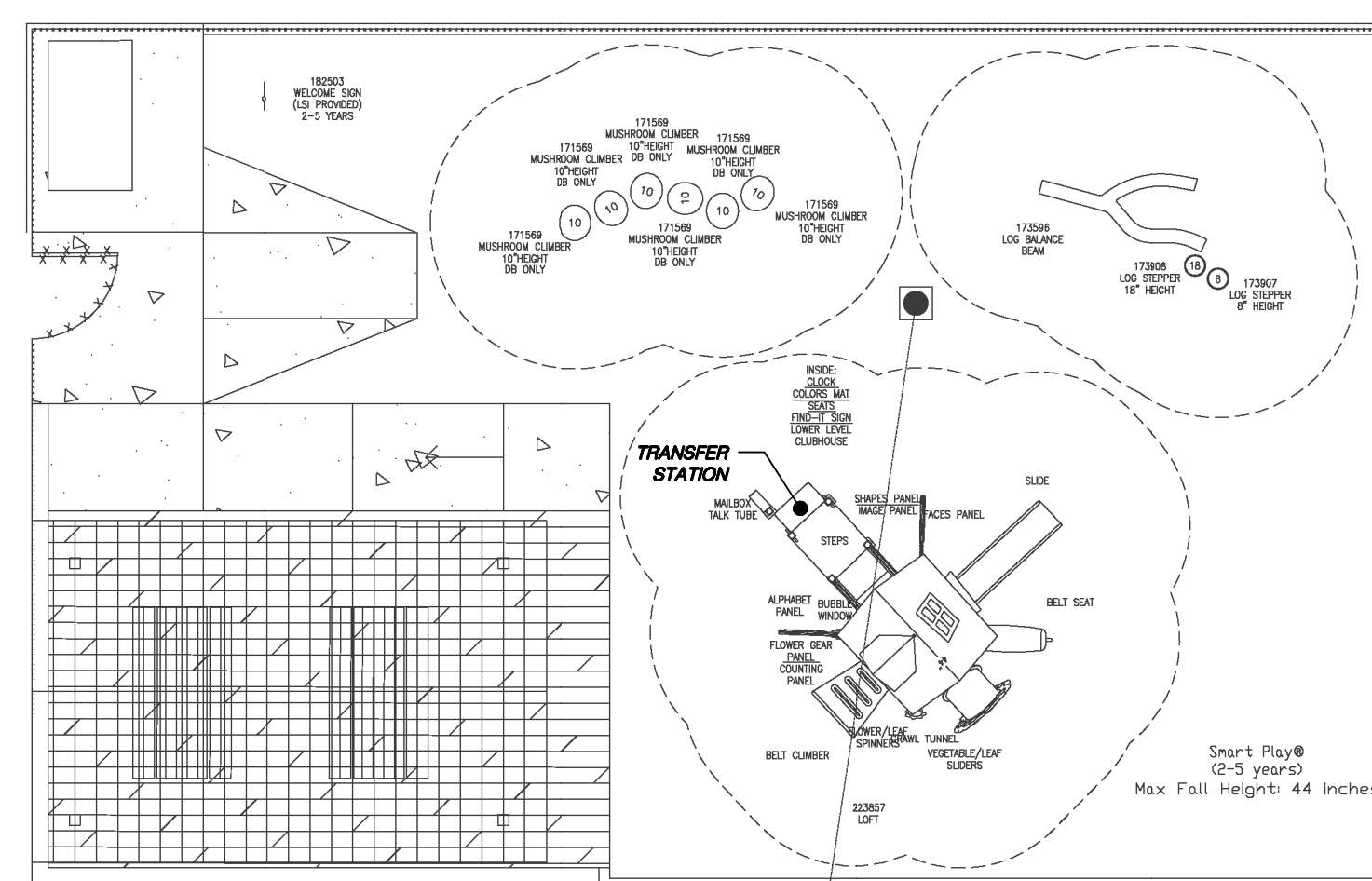
- WORK SHALL CONFORM TO THESE PLANS AND THE CURRENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ALL WORK SHALL BE PERFORMED BY A LICENSED LANDSCAPE CONTRACTOR.
- ALL ROADS USED BY CONSTRUCTION TRAFFIC SHALL BE KEPT CLEAN AND FREE OF DEBRIS. ANY ROADS THAT DO NOT MEET THESE REQUIREMENTS ARE SUBJECT TO FINES AS PER LOCAL CODES.
- ANY EXISTING FACILITIES SHOWN ON THESE PLANS ARE INFORMATIONAL ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND STAKING ALL SEWER, UTILITY AND WATER MAIN LINES PRIOR TO THE START OF WORK. CONTACT USA ALERT AT 1800.642.2444 TO AND ALL NECESSARY UTILITY AGENCIES TO IDENTIFY AND LOCATE UNDERGROUND UTILITIES. ALL AREAS TO BE EXCAVATED SHALL BE MARKED WITH WHITE PAINT PRIOR TO CONTACTING USA.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING, SITE LAYOUT AND DIMENSIONS TO CONSTRUCT THE WORK AS DESCRIBED IN THESE PLANS.
- THE CONTRACTOR MUST FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, FENCES, HARDSCAPE AND OTHER EXISTING STRUCTURES. ANY EXISTING ITEMS NOT SPECIFICALLY NOTED ON THE PLANS FOR REMOVAL SHALL BE PROTECTED IN PLACE. ALL EXISTING ITEMS TO REMAIN THAT ARE DAMAGED BY THE WORK SHALL BE REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY EROSION CONTROL AT ALL TIMES. THE CONTRACTOR MUST TAKE NECESSARY PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY DAMAGE, WATER AND/OR SEDIMENT RUN-OFF. CONTRACTOR SHALL ASSURE THAT ANY DEBRIS GENERATED FROM THE WORK DESCRIBED IN THIS PLAN SET IS COLLECTED AND LEGALLY DISPOSED OF OFF THE SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL FINE GRADING AND POSITIVE SURFACE GRADING IN ALL LANDSCAPE AREAS. THE CONTRACTOR SHALL VERIFY ALL ROUGH GRADES IN THE FIELD AND BRING ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY.
- THE CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE LANDSCAPE ARCHITECT AND THE CITY INSPECTOR A MINIMUM OF ONE WEEK PRIOR TO THE START OF WORK. CONTRACTOR MUST COORDINATE THE PRE-CONSTRUCTION MEETING DATE WITH THE LANDSCAPE ARCHITECT AND CITY INSPECTOR A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO THE MEETING DATE.
- ANY EXISTING HARDSCAPE (CONCRETE, ASPHALT, ETC) SHALL BE SAW CUT AND REMOVED IN A NEAT AND STRAIGHT LINE.
- ALL CONCRETE SHALL BE A 6 SACK MIX.
- COMPACTION OF BACKFILL BY METHOD OF 'JETTING' SHALL NOT BE PERMITTED.
- ALL ENGINES USED FOR CONSTRUCTION SHALL USE NOISE SUPPRESSION DEVICES TO MINIMIZE NOISE TO THE SURROUNDING AREAS.
- DUST SHALL BE CONTROLLED AT ALL TIMES DURING CONSTRUCTION PERIOD BY APPLICATION OF WATER TO THE SITE, INCLUDING DAYS WHEN CONSTRUCTION ACTIVITY DOES NOT OCCUR.
- ALL USA MARKINGS SHALL BE COMPLETELY REMOVED PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
- ALL AS-BUILT PLANS SHALL BE SUBMITTED TO THE CITY PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
- HOURS OF CONSTRUCTION ACTIVITIES SHALL ADHERE TO LOCAL JURISDICTIONAL REQUIREMENTS. NO WORK IS ALLOWED ON SUNDAY.

LAYOUT NOTES

- WRITTEN DIMENSIONS SUPERSEDE SCALED DIMENSIONS.
- CONTRACTOR TO VERIFY ALL DISTANCES IN THE FIELD AND REPORT DISCREPANCIES TO THE OWNERS REPRESENTATIVE BEFORE PROCEEDING WITH WORK. DIMENSIONS NOT SHOWN SHALL BE SCALED FROM PLAN.
- CONTRACTOR SHALL COORDINATE LANDSCAPE CONSTRUCTION WITH OTHER WORK ON SITE.
- ALL WRITTEN DIMENSIONS ARE FROM THE OUTSIDE OF BUILDING OR FENCE, BACK OF CURB OR WALK, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING NECESSARY EXTENSION OF WORK INCLUDING STUBOUTS, ETC, DURING PHASE UNDER CONSTRUCTION TO FACILITATE WORK ON SUBSEQUENT PHASES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL DEBRIS AND UNSUITABLE MATERIAL FROM THE SITE WHICH HAS BEEN GENERATED BY HIS WORK.
- PRECISE BUILDING, PARKING, AND ROADWAY LAYOUT IS BASED ON DRAWINGS PREPARED BY ENGINEERS.
- CONTRACTOR SHALL EXERCISE NECESSARY CAUTION TO PROTECT EXISTING LANDSCAPE AND OTHER ITEMS (I.E. LIGHTS, BENCHES, AND SHELTERS) FROM DAMAGE.

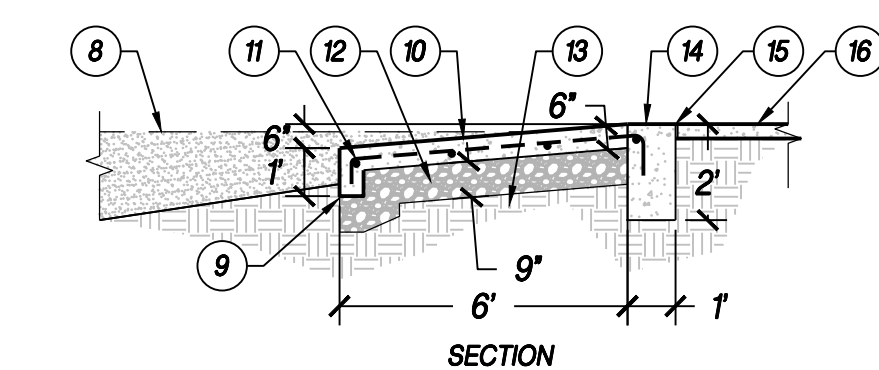
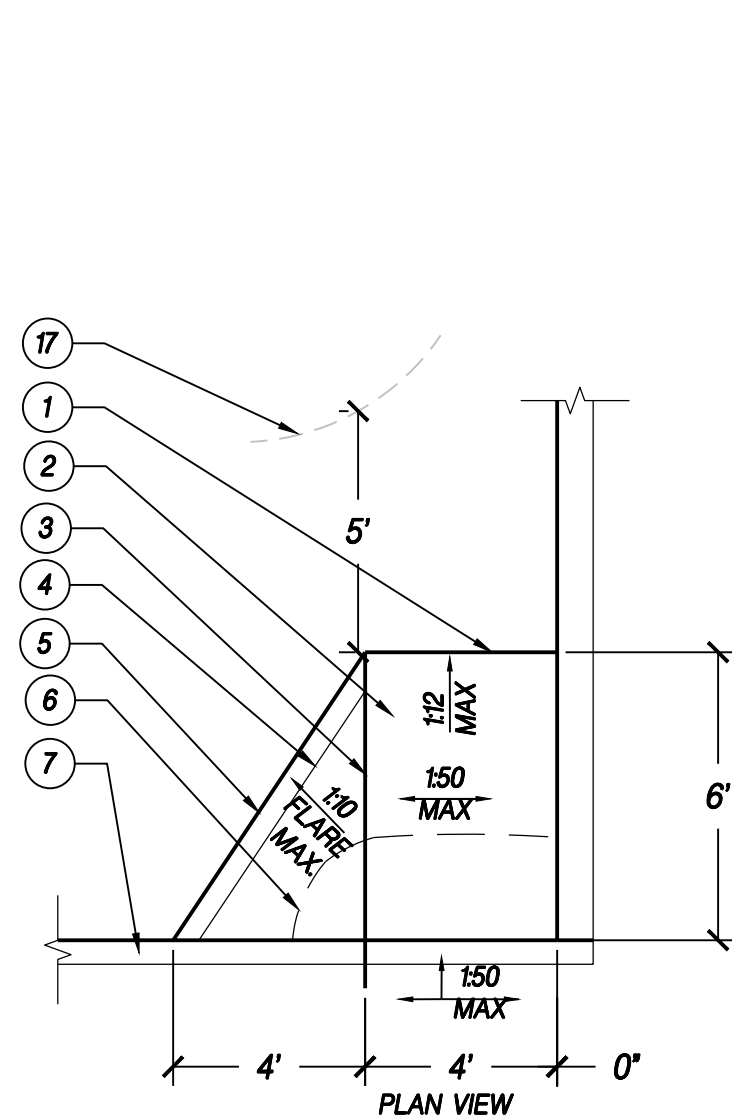
NOTES:

- PLAY EQUIPMENT SYSTEM TYPE PLAY BOOSTER DRAWINGS #153676-02-02, BY LANDSCAPE STRUCTURES OR APPROVED EQUAL, CONTACT ALEX HAILY AT ROSS RECREATION EQUIPMENT, PHONE #: 707-538-3800 OR EMAIL: ALEX@ROSSREC.COM.
- THIS PLAY AREA AND PLAY EQUIPMENT IS DESIGNED FOR AGES 2-12 YEARS UNLESS OTHERWISE NOTED ON PLAN.
- IT IS THE MANUFACTURERS OPINION THAT THIS PLAY AREA DOES CONFORM TO THE ADA ACCESSIBILITY STANDARDS, ASSUMING AN ACCESSIBLE PROTECTIVE SURFACING IS PROVIDED, AS INDICATED, OR WITH IN THE ENTIRE USE ZONE.
- THIS CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE PRIOR TO CONSTRUCTION. DETAILED SITE INFORMATION INCLUDING SITE DIMENSIONS, TOPOGRAPHY EXCISING UTILITIES, SOIL CONDITIONS, AND DRAINAGE SOLUTIONS SHOULD BE OBTAINED, EVALUATED, AND UTILIZED IN THE FINAL DESIGN. PLEASE VERIFY ALL DIMENSIONS OF PLAY AREA SIZE, ORIENTATION, AND LOCATION OF ALL EXCISING UTILITIES, EQUIPMENT, AND SITE FURNISHING PRIOR TO ORDERING. SLIDES SHOULD NOT FACE THE HOT AFTERNOON SUN.
- CHOOSE A PROTECTIVE SURFACING MATERIAL THAT HAS A CRITICAL HEIGHT VALUE TO MEET THE MINIMUM FALL HEIGHT FOR THE EQUIPMENT (REF. ASTM F1487 STANDARD CONSUMER SAFETY PERFORMANCE SPECIFICATION FOR PLAYGROUND EQUIPMENT FOR PUBLIC USE, SECTION B CURRENT REVISION). THE SUBSURFACE MUST BE WELL DRAINED. IF THE SOIL DOES NOT DRAIN NATURALLY IT MUST BE TILTED OR SLOPED 1/8" TO 1/4" PER FOOT TO A STORM SEWER OR A FRENCH DRAIN. ACCESSIBLE PROTECTIVE LOOSE FILL MATERIAL (ENGINEERED WOOD FIBER SUGGESTED).
- IT IS THE MANUFACTURERS OPINION AND INTENT THAT THE LAYOUT OF THESE COMPONENTS CONFORM WITH THE U.S. CONSUMER PRODUCT SAFETY COMMISSIONS (CPSC) HANDBOOK FOR PUBLIC PLAYGROUND SAFETY.
- SEE DETAIL K SHEET L13 FOR MORE ACCESSIBILITY INFORMATION.



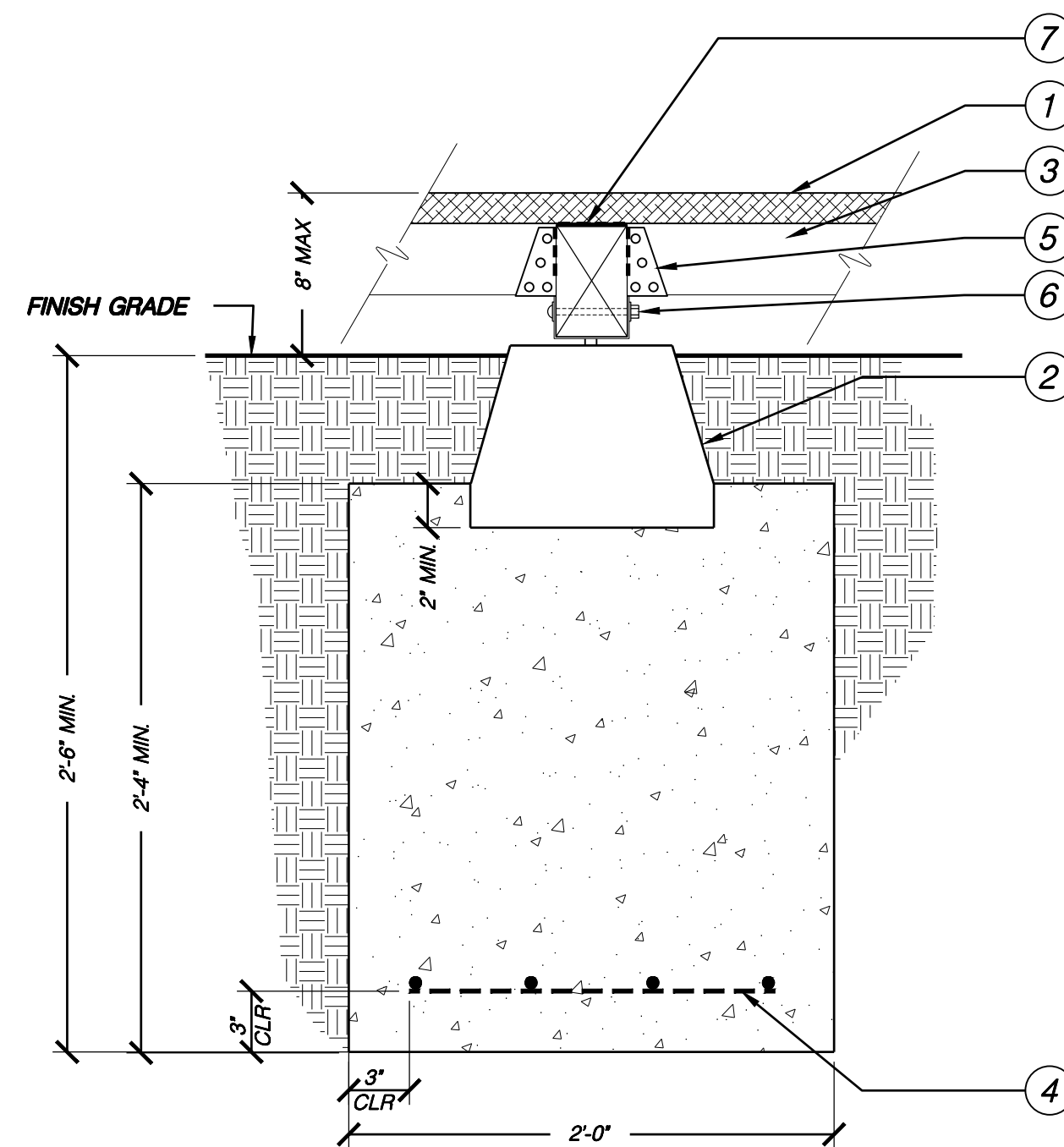
PLAY EQUIPMENT ACCESSIBILITY REQUIREMENTS:

TOTAL ELEVATED PLAY COMPONENTS	5	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	5	REQUIRED	3
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	8	REQUIRED	2
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	6	REQUIRED	6



KEY

- | | |
|---|--------------------------------|
| 1. END OF PLAYGROUND CURB RAMP | 9. THICKENED EDGE |
| 2. PLAYGROUND CURB RAMP | 10. TOP OF PAVING |
| 3. SCORE JOINT 3/8" MAX / EDGE OF CURB RAMP | 11. #4 REBAR 24" O.C. EACH WAY |
| 4. SCORE JOINT 3/8" MAX | 12. COMPACTED AGGREGATE BASE |
| 5. EDGE OF FLARE | 13. COMPACTED SUBGRADE |
| 6. ENGINEERED WOOD FIBER EDGE | 14. TOP OF TRANSITION RAMP |
| 7. CONCRETE PLAY AREA CURB | 15. EXPANSION JOINT 3/8" MAX |
| 8. TOP OF ENGINEERED WOOD FIBER | 16. CONCRETE PAVING |
| | 17. CLOSEST FALL ZONE |



KEY

- | |
|---|
| 1. REDWOOD DECKING, SEE DECKING DETAIL. |
| 2. PRECAST CONCRETE PIER BLOCK WITH METAL BRACKET TO RECEIVE 4X6" BEAM SET IN WET CONCRETE FOOTING. |
| 3. 2X4" PRESSURE TREATED JOISTS, 12" O.C. |
| 4. CONCRETE FOOTING WITH (4) #5 REBAR EACH WAY. |
| 5. SIMPSON STRONG TIE JOIST HANGER, WITH STAINLESS STEEL SCREWS, PER PLAN. |
| 6. 5/8" A307 GALVANIZED BOLT, NUT AND LOCKING WASHERS. |
| 7. JOIST BARRIER TAPE |

A PLAY AREA TRANSITION RAMP
N.T.S.

P-SJFC-09

B DECK FOOTING
1 1/2" = 1'-0"

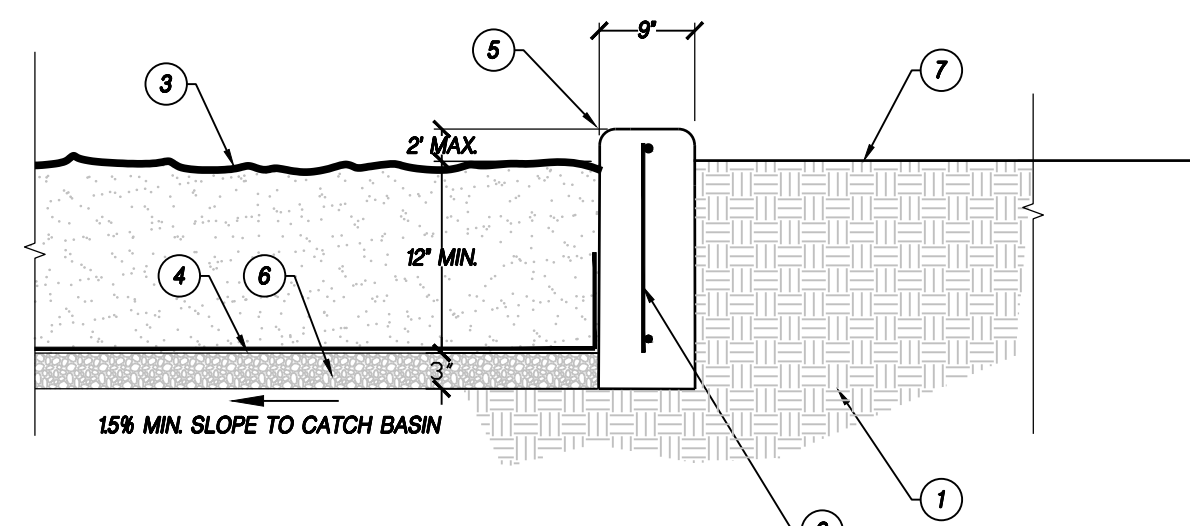
P-SJFC-05

C PLAY STRUCTURE EQUIPMENT

SEE SHEET L3.03 FOR LAYOUT PLAN DETAILS

IMG

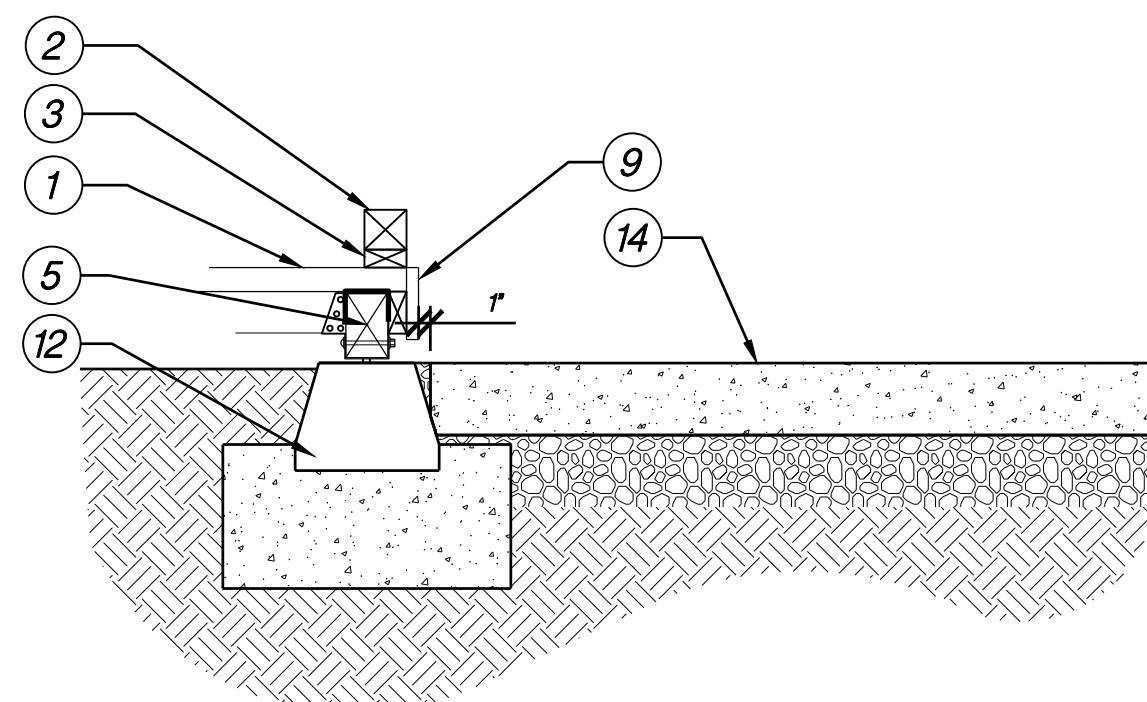
- KEY**
- 1 CONCRETE PAVING, MEDIUM BROOM FINISH PERPENDICULAR TO WALKWAY EDGE.
 - 2 3/8"x3/4" DEEP SCORE JOINT - LOCATE AS SHOWN ON PLANS.
 - 3 3/8" FIBER EXPANSION JOINT, LOCATE AS SHOWN ON PLANS.
 - 4 1" RADIUS TOOLED EDGE, TYP.
 - 5 COMPACTED SUBGRADE TO 90% RD.
 - 6 FINISH GRADE.
 - 7 AGGREGATE BASE PER GEOTECHNICAL REPORT.
 - 8 OPTIONAL 6X6 W14XW14 WELDED WIRE REINFORCEMENT. REFER TO GEOTECHNICAL REPORT FOR MORE INFORMATION.
- NOTE:**
1 COLOR, FINISH AND PATTERN PER PLAN.



- KEY**
- 1 COMPACTED SUBGRADE OR UNDISTURBED SOIL.
 - 2 #4 REBAR 24" O.C. VERTICALLY AND TWO ROWS RUNNING HORIZONTAL ENTIRE DISTANCE OF CURB.
 - 3 ENGINEERED WOOD FIBER.
 - 4 FILTER FABRIC. TURN UP EDGES 6"
 - 5 TOOLED EDGE 1" MIN. RADIUS.
 - 6 3/4" DIA. DRAIN ROCK.
 - 7 FINISH SURFACE VARIES, SEE PLANS.
- NOTES**
- 1 GROUND SURFACES SHALL COMPLY WITH ASTM F1951. GROUND SURFACES SHALL BE INSPECTED AND MAINTAINED REGULARLY AND FREQUENTLY TO ENSURE CONTINUED COMPLIANCE WITH ASTM F1951.
 - 2 GROUND SURFACES LOCATED WITHIN USE ZONES SHALL COMPLY WITH ASTM F1292 (1999 EDITION OR 2004 EDITION).

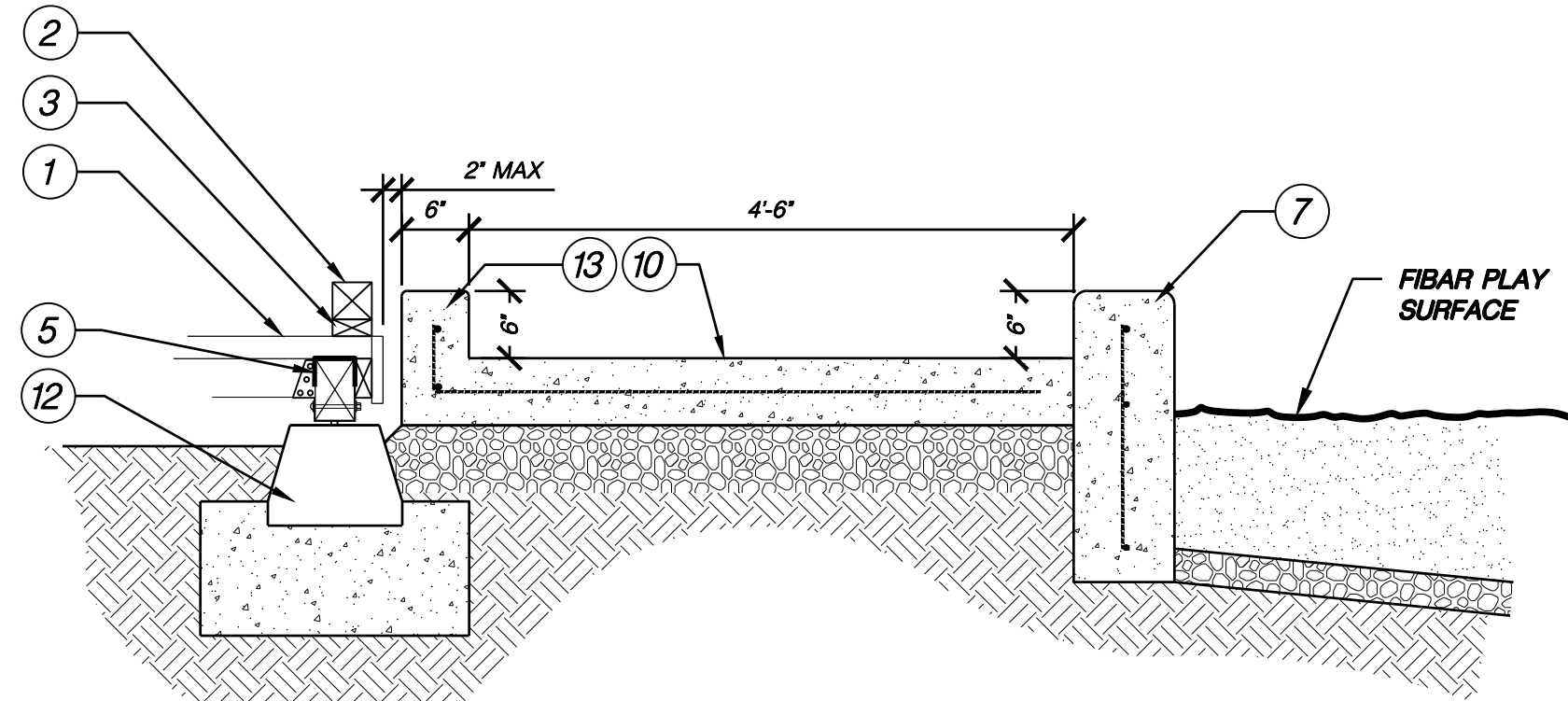
D CONCRETE FLATWORK
NT.S. WR-LA-PAV-02

E PLAY AREA CONTAINMENT CURB
NT.S. P-SJFC-02

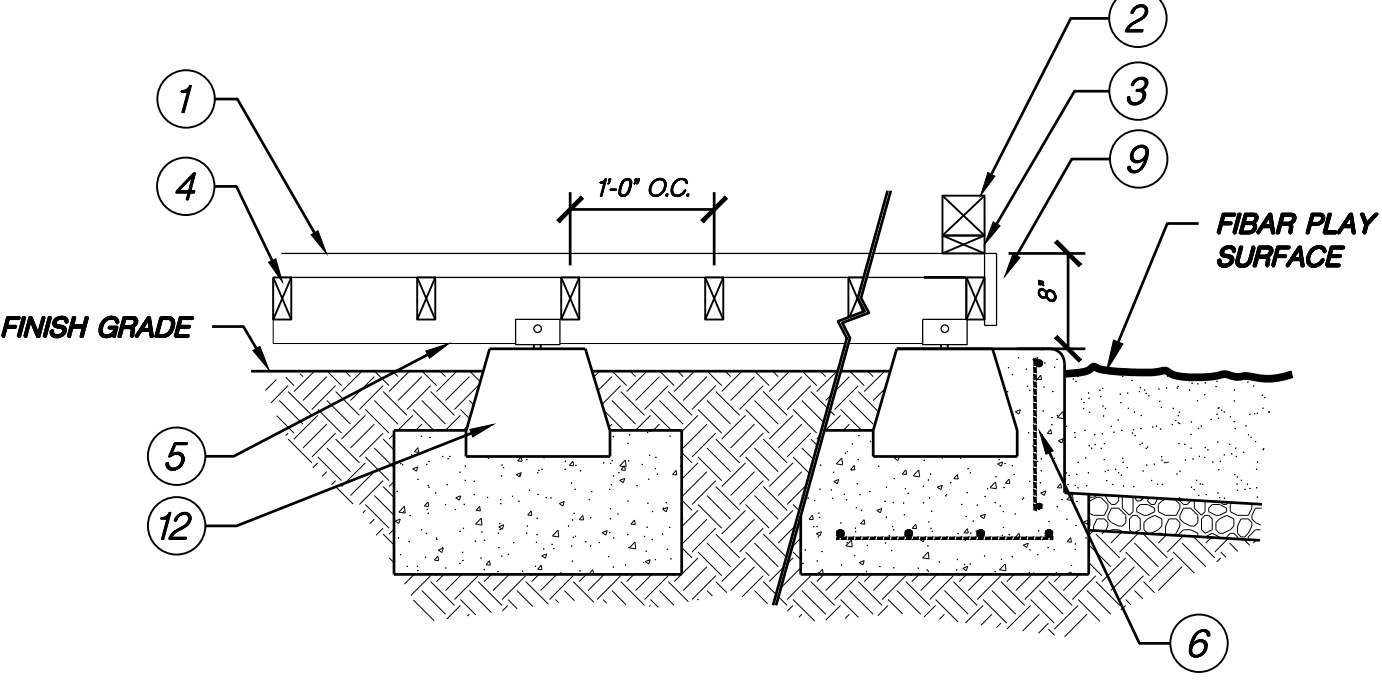


SECTION - A

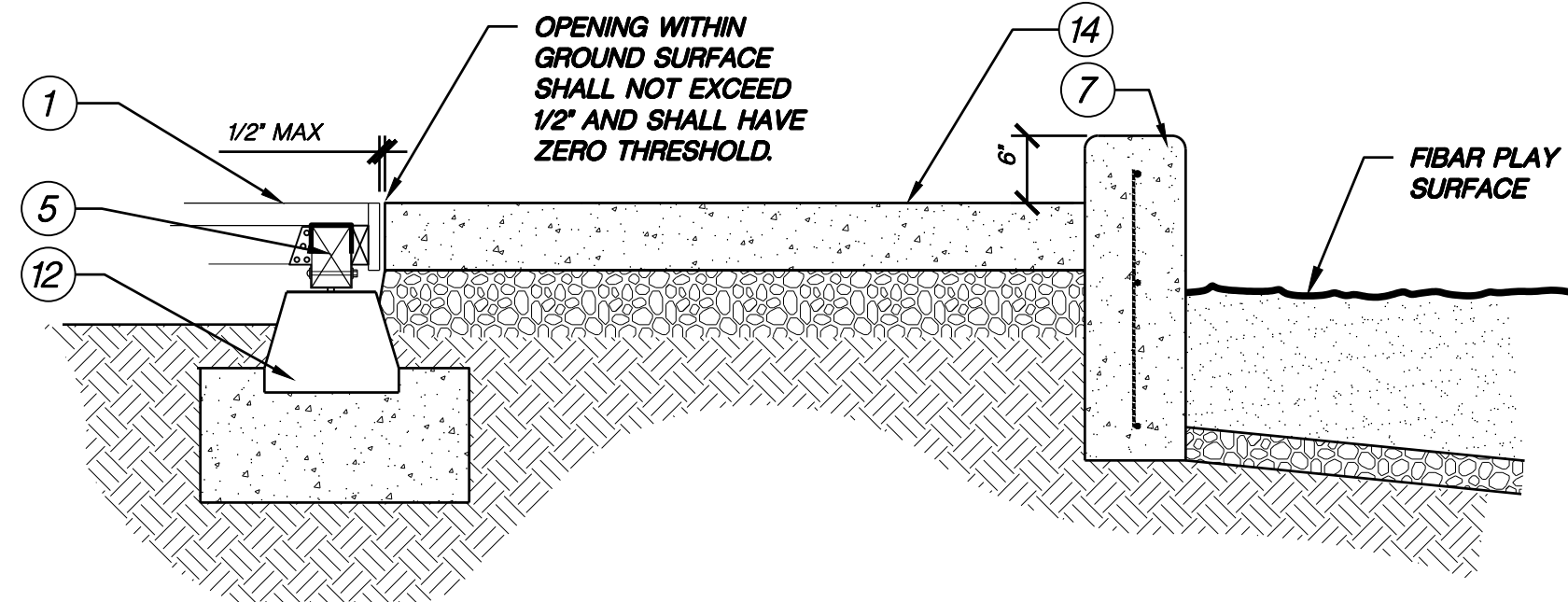
- KEY**
- 1 2"x6" REDWOOD DECKING BOARD, SEE DECK PLAN VIEW DETAIL. THIS SHEET FOR FINISH.
 - 2 4"x4" REDWOOD CONTAINMENT CURB.
 - 3 2"x4" X 4"W X 12'L REDWOOD BLOCKING, PLACE 24" O.C.
 - 4 2"x4" JOIST.
 - 5 4"x6" PRESSURE TREATED BEAM.
 - 6 PLAY AREA CONTAINMENT CURB, SEE DETAIL THIS SHEET.
 - 7 CONCRETE CONTAINMENT CURB.
 - 9 1"x6" REDWOOD FASCIA BOARD, COLOR TO MATCH DECK.
 - 11 WOOD FENCE WITH FOOTING, SEE DETAIL ON SHEET L12.
 - 12 DECK FOOTING, SEE DETAIL ON SHEET L10.
 - 14 CONCRETE LANDING, MAX CROSS SLOPE IN ANY DIRECTION 1/48 (2.08%).



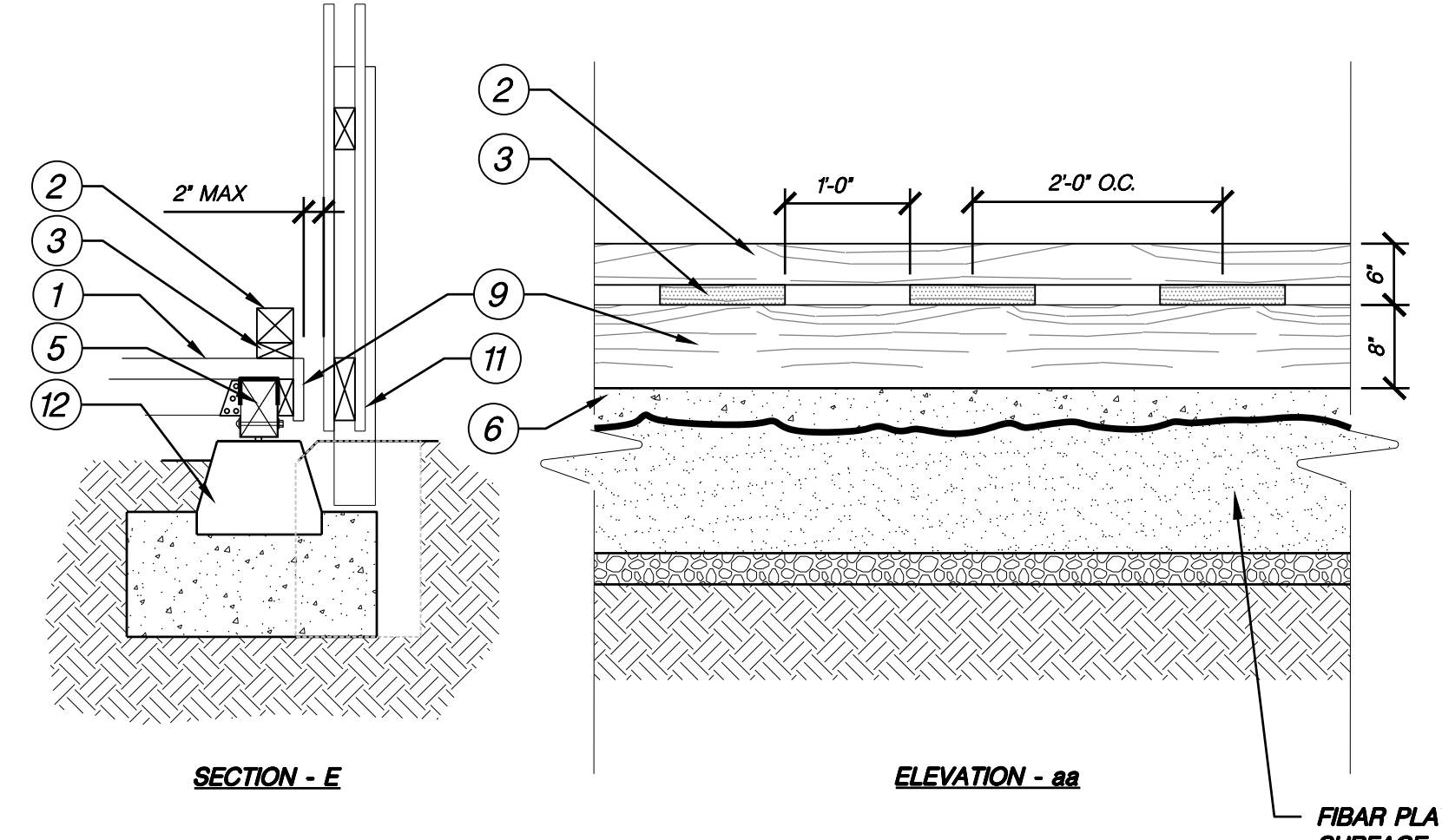
SECTION - B



SECTION - D

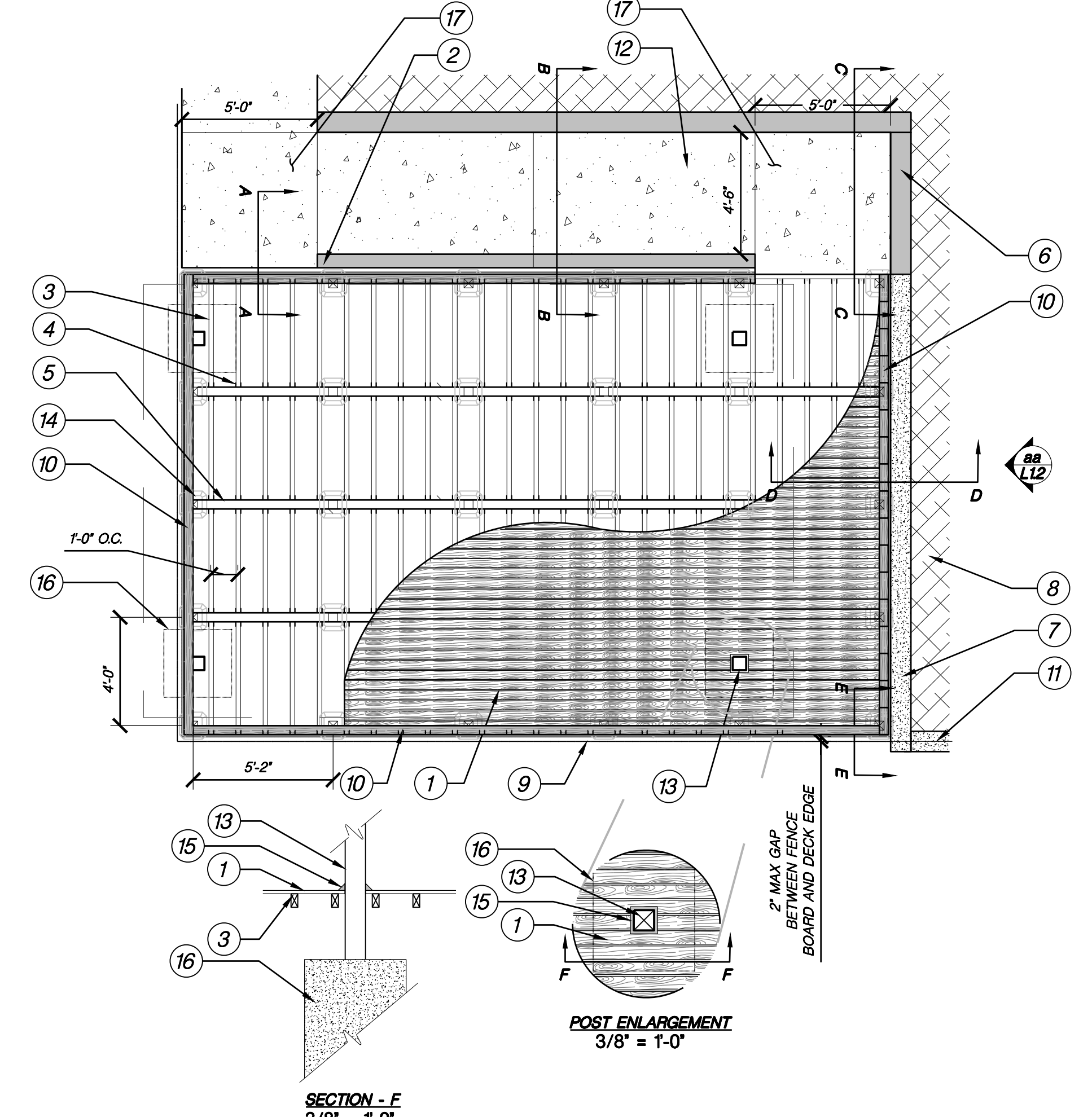


SECTION - C



SECTION - E

ELEVATION - 88



SECTION - F

- KEY**
- 1 2"x6" REDWOOD DECKING, ATTACH WITH 3" STAINLESS STEEL SCREWS COUNTER SINK INTO THE DECK SURFACE. OPENINGS WITHIN GROUND SURFACES SHALL NOT ALLOW THE PASSAGE OF SPHERE MORE THAN 1/2" DIAMETER.
 - 2 6" CONCRETE CURB.
 - 3 2"x4" PRESSURE TREATED JOIST, 12" O.C. USE JOIST BARRIER ON TOPSIDE.
 - 4 METAL JOIST HANGER.
 - 5 4"x6" PREASURE TREATED SLEEPER. USE JOIST BARRIER ON TOPS OF SLEEPER.
 - 6 CONCRETE CONTAINMENT CURB, SEE DETAIL F, SECTION C THIS SHEET.
 - 7 PLAY AREA CONTAINMENT CURB, SEE DETAIL E THIS SHEET.
 - 8 PLAY AREA FIBAR, GROUND SURFACES SHALL COMPLY WITH ASTM F1951. GROUND SURFACES SHALL BE INSPECTED AND MAINTAINED REGULARLY AND FREQUENTLY TO ENSURE CONTINUED COMPLIANCE WITH ASTM F1951. GROUND SURFACES LOCATED WITHIN USE ZONES SHALL COMPLY WITH ASTM F1292 (1999 EDITION OR 2004 EDITION).
 - 9 WOOD FENCE.
 - 10 4"x4" WOOD CONTAINMENT CURB WITH 2"x4" X 12'L BLOCKS SPACE 12" O.C.
 - 11 WOOD FENCE ON PLAY ARE CONTAINMENT CURB.
 - 12 SLOPED WALKWAY, NOT TO EXCEED 120 (5%) IN THE DIRECTION OF TRAVEL WITH 1/48 (2.08%) MAX CROSS SLOPES.
 - 13 OVERHEAD STRUCTURE POST.
 - 14 DECK FOOTING, SEE DETAIL THIS SHEET.
 - 15 2"x2" REDWOOD POST SKIRT, NAIL TO DECKING.
 - 16 OVERHEAD STRUCTURE FOOTING PER MANUFACTURERS RECOMMENDATIONS.
 - 17 5"x5' MIN. FLAT CONCRETE LANDING FOR ACCESSIBILITY, 1/48 (2.08%) MAX SLOPES IN ANY DIRECTION.

NOTE
APPLY TWO COATES OF PENOFIN-TRANSPARENT PENETRATING OIL. FISHING DECK, CLEAR STAIN AND SEALER TO DECK, PER MANUFACTURES RECOMMENDATIONS.

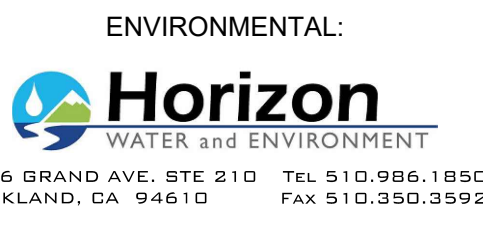
F DECK - SECTIONS
3/4" = 1'-0"

G DECK (PLAN VIEW)
1/4" = 1'-0"



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:
CIVIL / STRUCTURAL / SURVEY:



IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:
SAN JOSE FAMILY CAMP STORM DAMAGE REPAIR PROJECT

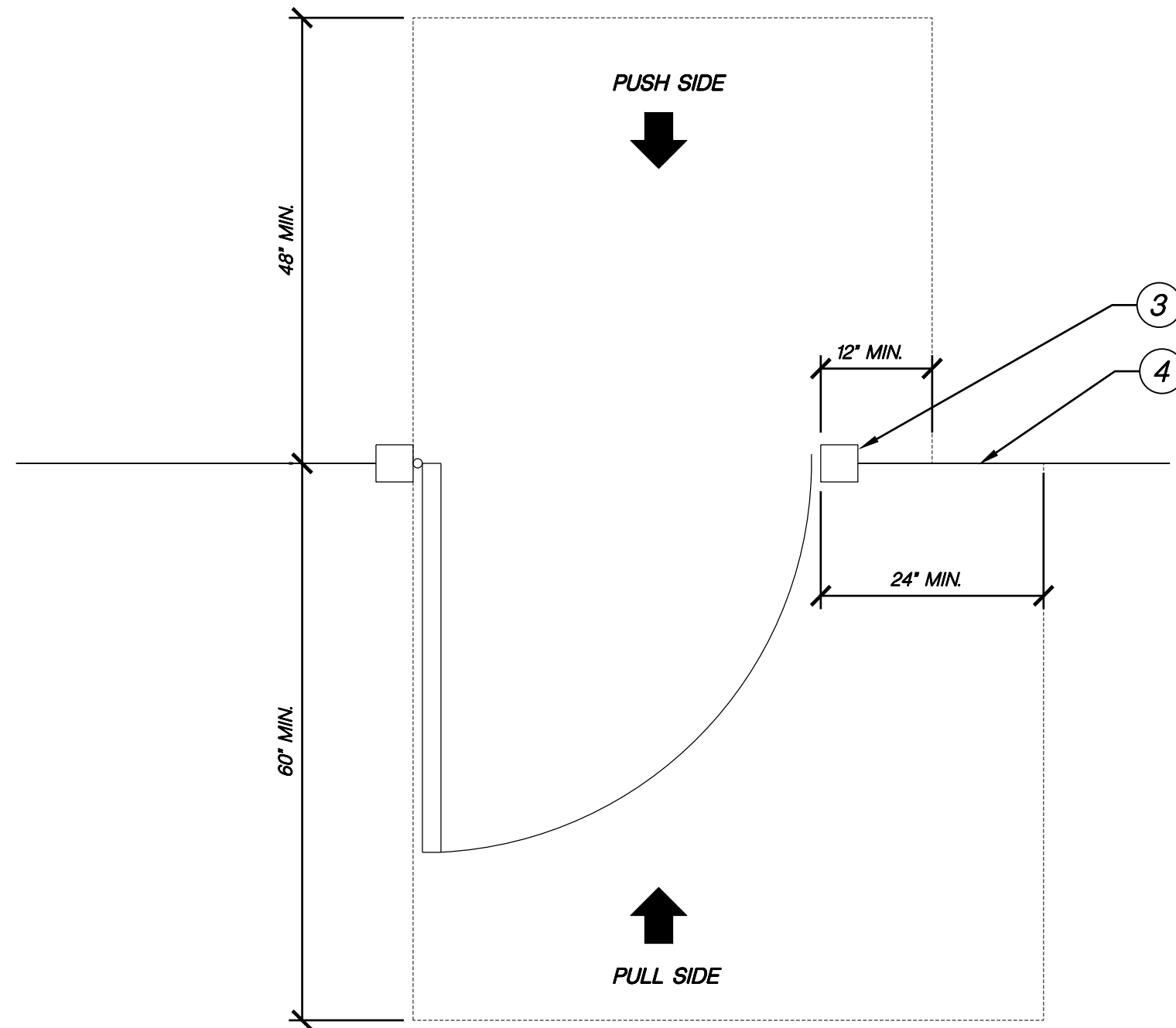
REV	DATE	REASON FOR ISSUE

SCALE: AS SHOWN
DATE: 01/17/2022
SECTION MANAGER: MANAGER
CPMS ID NUMBER: CPMS ID
SHEET TITLE:

PLAY AREA DETAILS

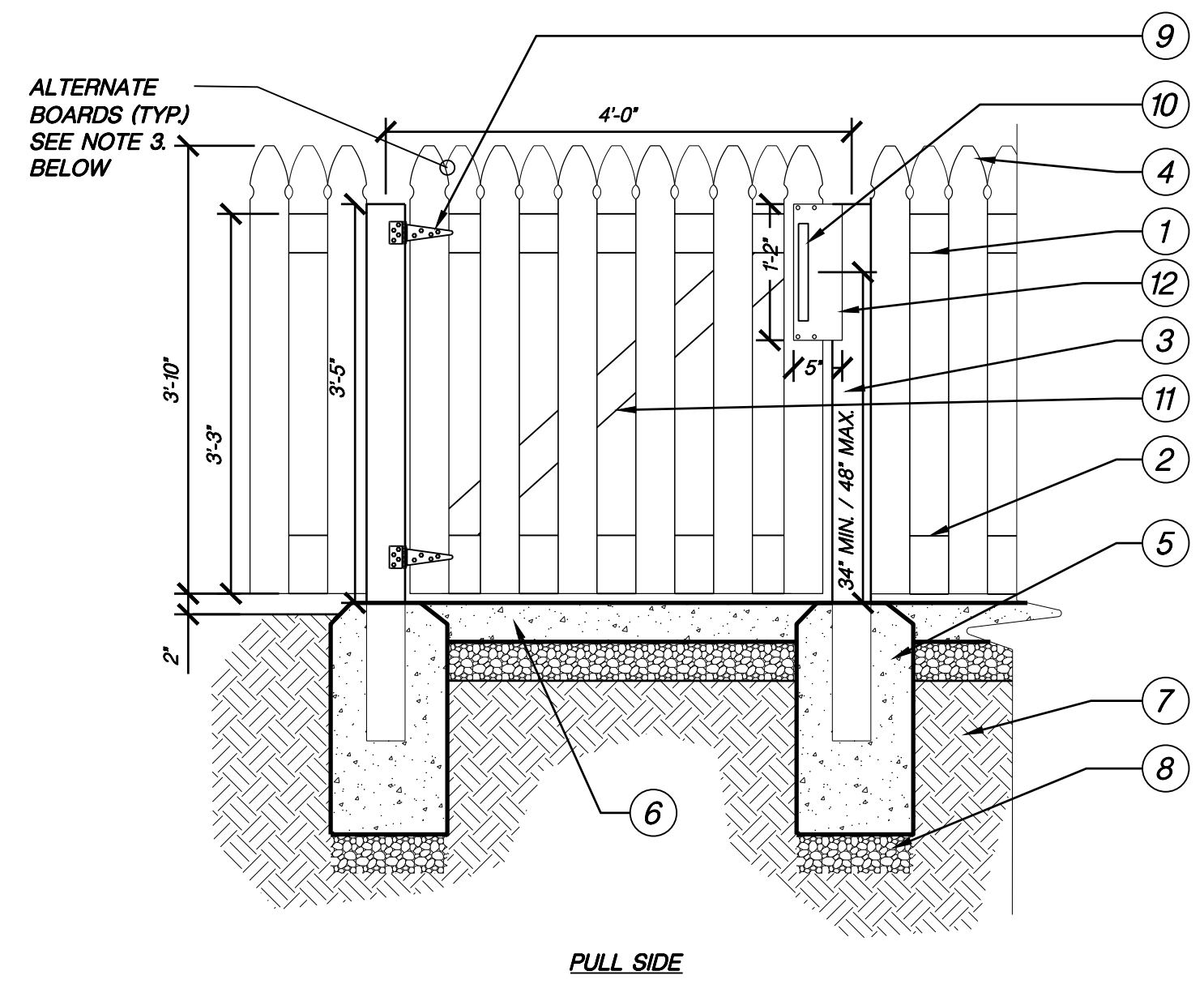
SHEET NUMBER: 16 OF 22

SHEET IDEN: L1.1



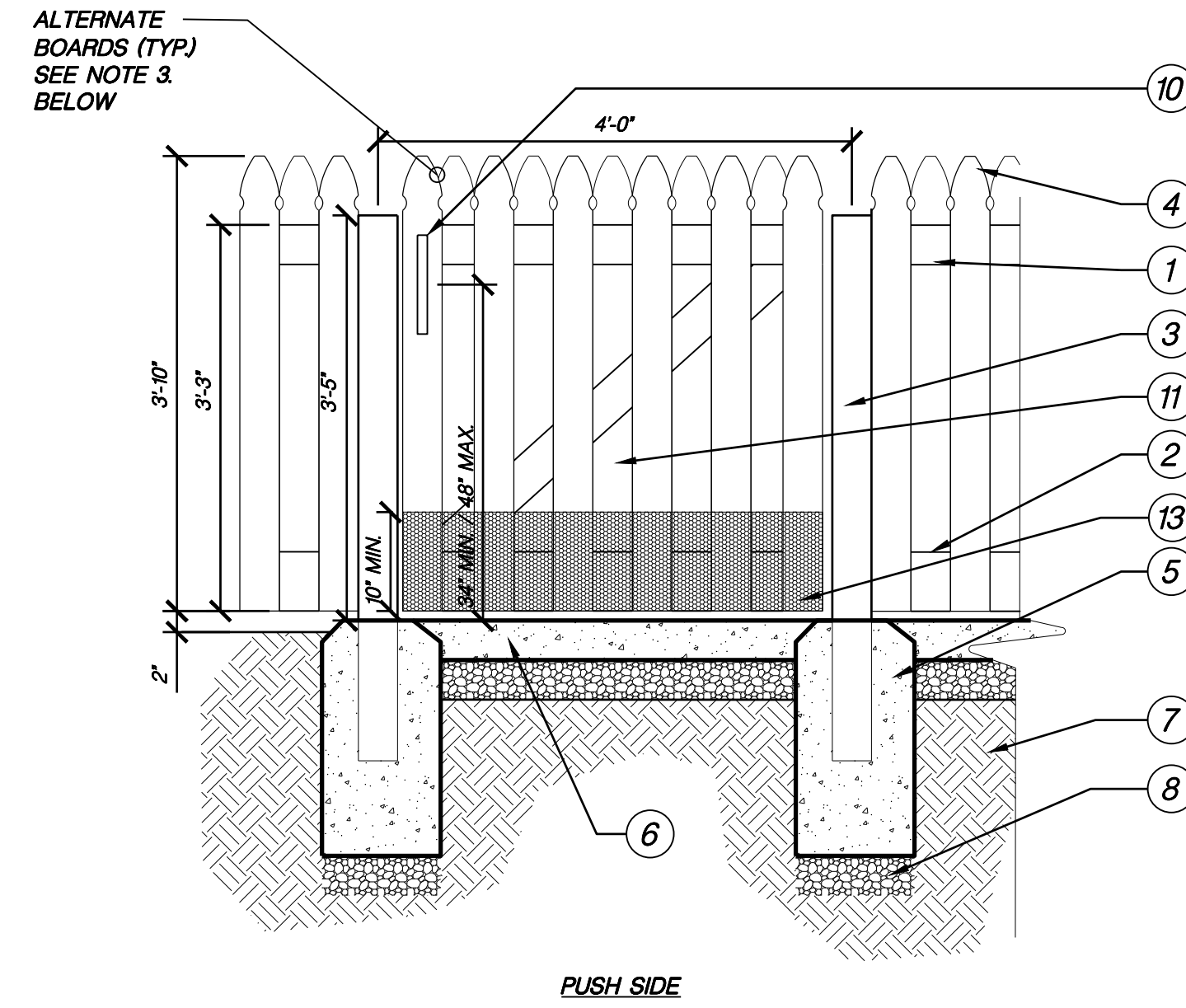
- KEY**
- ① 2X4\"/>

- NOTES**
- 1. ALL WOOD SHALL BE CONSTRUCTION HRT.R.O.REDWOOD OR CEDAR #2 OR BETTER.
 - 2. AIR POWERED GALVANIZED 6D OR 8D NAILS AT FENCE BOARDS, 16D GALVANIZED FRAME NAILS.
 - 3. ALTERNATE FENCE BOARD SEE SECTION OF FENCE.



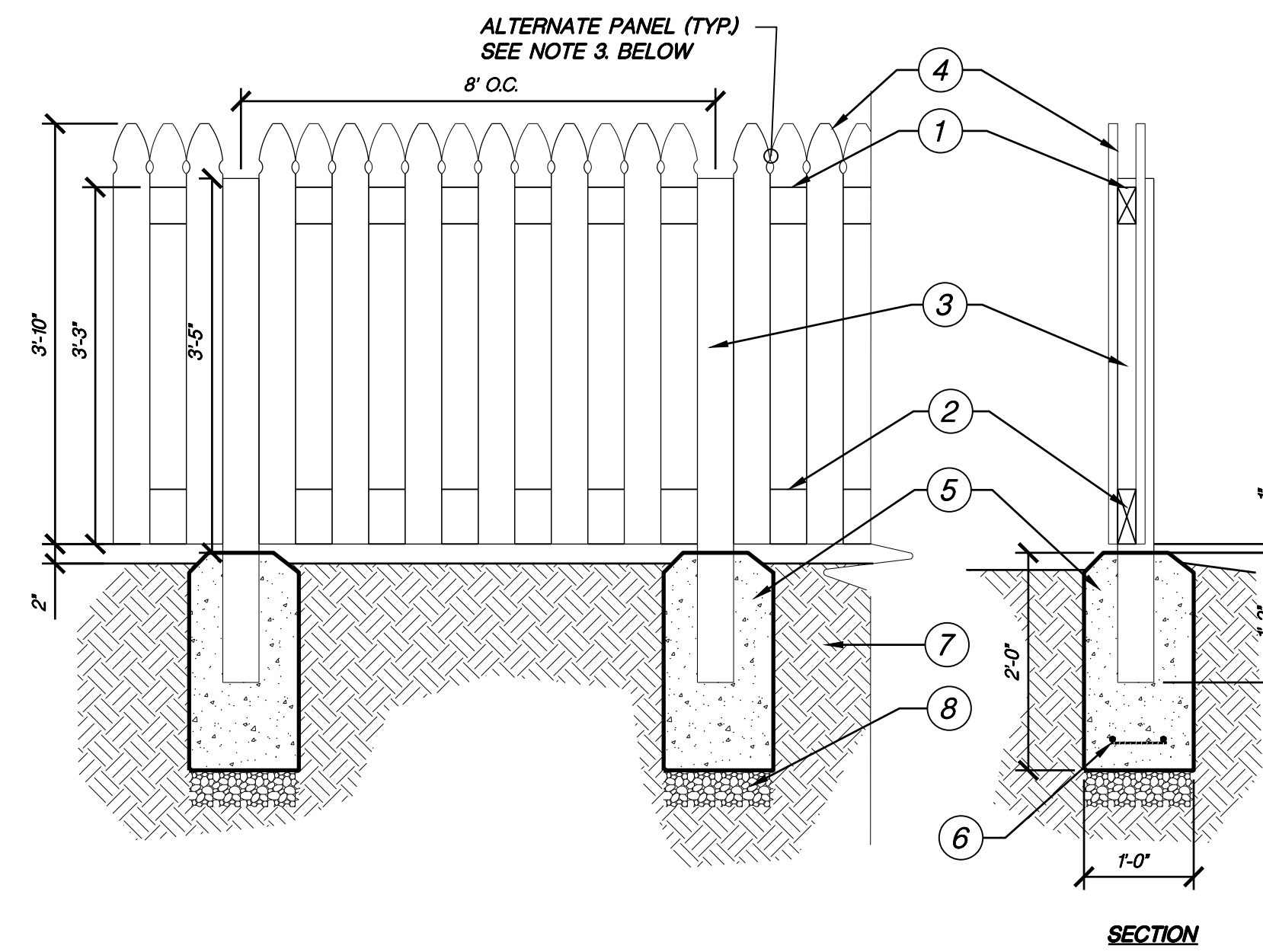
H PLAY AREA GATE
3/4\"/>

P-SJFC-08



I PLAY AREA FENCING ON CONCRETE CONTAINMENT CURB
3/4\"/>

P-SJFC-07



J PLAY AREA FENCING
3/4\"/>

P-SJFC-08

- KEY**
- ① 2X4\"/>

- NOTES**
- 1. ALL WOOD SHALL BE CONSTRUCTION HRT.R.O.REDWOOD OR CEDAR #2 OR BETTER.
 - 2. AIR POWERED GALVANIZED 6D OR 8D NAILS AT FENCE BOARDS, 16D GALVANIZED FRAME NAILS.
 - 3. ALTERNATE FENCE BOARD SEE SECTION OF FENCE.

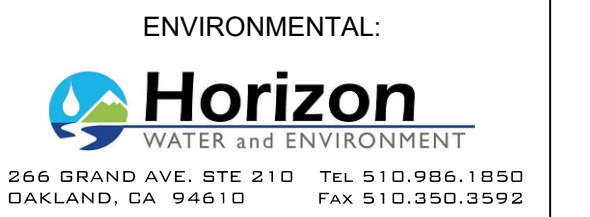
- KEY**
- ① 2X4\"/>

- NOTES**
- 1. ALL WOOD SHALL BE CONSTRUCTION HRT.R.O.REDWOOD OR CEDAR #2 OR BETTER.
 - 2. AIR POWERED GALVANIZED 6D OR 8D NAILS AT FENCE BOARDS, 16D GALVANIZED FRAME NAILS.
 - 3. ALTERNATE FENCE BOARD SEE SECTION OF FENCE.



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:
CIVIL / STRUCTURAL / SURVEY:



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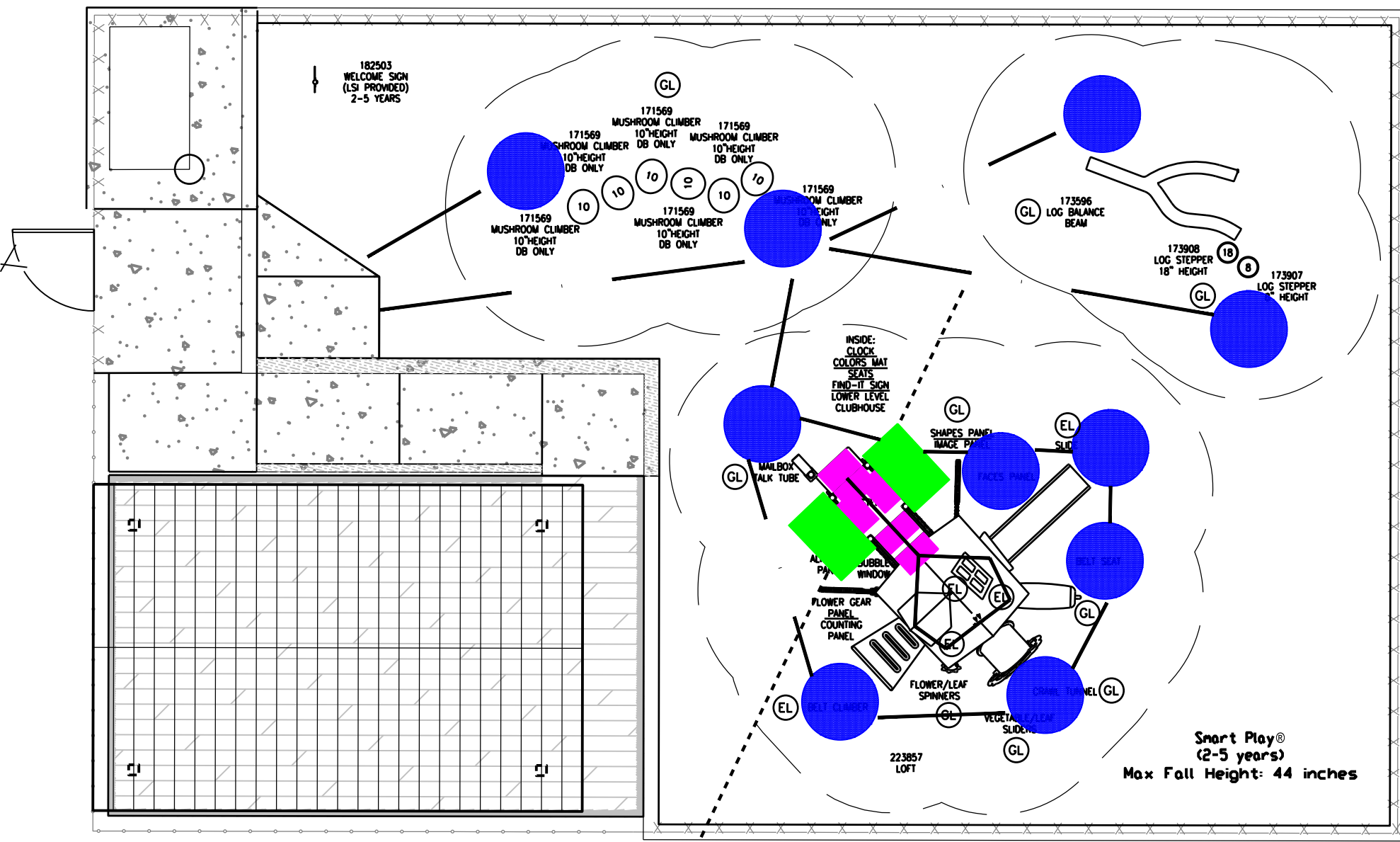
PROJECT TITLE:
SAN JOSE FAMILY CAMP STORM DAMAGE REPAIR PROJECT

REV	DATE	REASON FOR ISSUE
SCALE:	AS SHOWN	DRAWN BY: BD
DATE:	01/17/2022	CHECKED BY: KM
SECTION MANAGER: MANAGER		
CPMS ID NUMBER: CPMS ID		
SHEET TITLE:		

PLAY AREA DETAILS

SHEET NUMBER: 17 OF 22

SHEET IDEN: L1.2



TOTAL ELEVATED PLAY COMPONENTS	5	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	5	REQUIRED	3
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	8	REQUIRED	2
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	6	REQUIRED	6

NOTE:
TO MEET CBC (California Building Code 11B-240, 240.1, 240.2), CONTRASTING STRIPES MUST BE PROVIDED BETWEEN TRANSFER STEPS.
IT IS THE MANUFACTURER'S OPINION THAT THIS WILL MEET THE California Building Code 11B-240, 240.1, 240.2 AFTER STRIPING HAS BEEN ADDED.

LEGEND:
 (L) = ELEVATED EVENT, ACCESSIBLE BY TRANSFER
 (A) = ACCESSIBLE GROUND LEVEL EVENT
 - = ACCESSIBLE ROUTE TO ACCESSIBLE ELEVATED EVENTS.
 - = ACCESSIBLE ROUTE TO ACCESSIBLE GROUND LEVEL EVENTS.

2-5 ACCESSIBLE COMPONENTS ELEVATED:
 Slide
 Belt Climber
 Seat
 Log Stepper
 Clock

2-5 GROUND LEVEL:
 Mailbox/Flower Talk Tube
 Vegetable/Leaf Sliders
 Crawl Tunnel
 Belt Seat
 Image Panel
 Mushroom Climbers
 Log Balance Beam
 Log Steppers

TYPES:
 COMMUNICATION
 IMAGINATIVE
 CRAWLING
 SEATED
 IMAGINATIVE
 STEPPING/BALANCE

05 = Turning Space (ADA Requirement - 60" Diameter)
30 = Parking/Clear Ground Space (ADA Requirement - 30' x 48" parallel and centered on transfer point opening)
14 = Transfer Space (ADA requirement - 24" wide by 14" deep)

The play components identified on this plan are IPEMA certified. Unless model number is preceded with *) the use and layout of these components conform to the requirements of ASTM F1487. To verify product certification, visit www.ipema.org

THIS PLAY AREA & PLAY EQUIPMENT IS DESIGNED FOR AGES UNLESS OTHERWISE NOTED ON PLAN.

IT IS THE MANUFACTURER'S OPINION THAT THIS PLAY AREA DOES CONFORM TO THE A.D.A. ACCESSIBILITY STANDARDS, ASSUMING AN ACCESSIBLE PROTECTIVE SURFACING IS PROVIDED, AS INDICATED, OR WITHIN THE ENTIRE USE ZONE.

THIS CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE TO US PRIOR TO CONSTRUCTION. DETAILED SITE INFORMATION INCLUDING SITE DIMENSIONS, TOPOGRAPHY, EXISTING UTILITIES, SOIL CONDITIONS, AND DRAINAGE SOLUTIONS SHOULD BE OBTAINED, EVALUATED, & UTILIZED IN THE FINAL DESIGN. PLEASE VERIFY ALL DIMENSIONS OF PLAY AREA, SIZE, ORIENTATION, AND LOCATION OF ALL EXISTING UTILITIES, EQUIPMENT, AND SITE FURNISHINGS PRIOR TO ORDERING. SLIDES SHOULD NOT FACE THE HOT AFTERNOON SUN.

CHOOSE A PROTECTIVE SURFACING MATERIAL THAT HAS A CRITICAL HEIGHT VALUE TO MEET THE MAXIMUM FALL HEIGHT FOR THE EQUIPMENT (REF. ASTM F1487 STANDARD CONSUMER SAFETY PERFORMANCE SPECIFICATION FOR PLAYGROUND EQUIPMENT FOR PUBLIC USE, SECTION 8 CURRENT REVISION). THE SURFACE MUST BE WELL DRAINED. IF THE SOIL DOES NOT DRAIN NATURALLY IT MUST BE TILED OR SLOPED 1/8" TO 1/4" FOR FOOT TO A STORM SEWER OR A "TROUGH DRAIN".

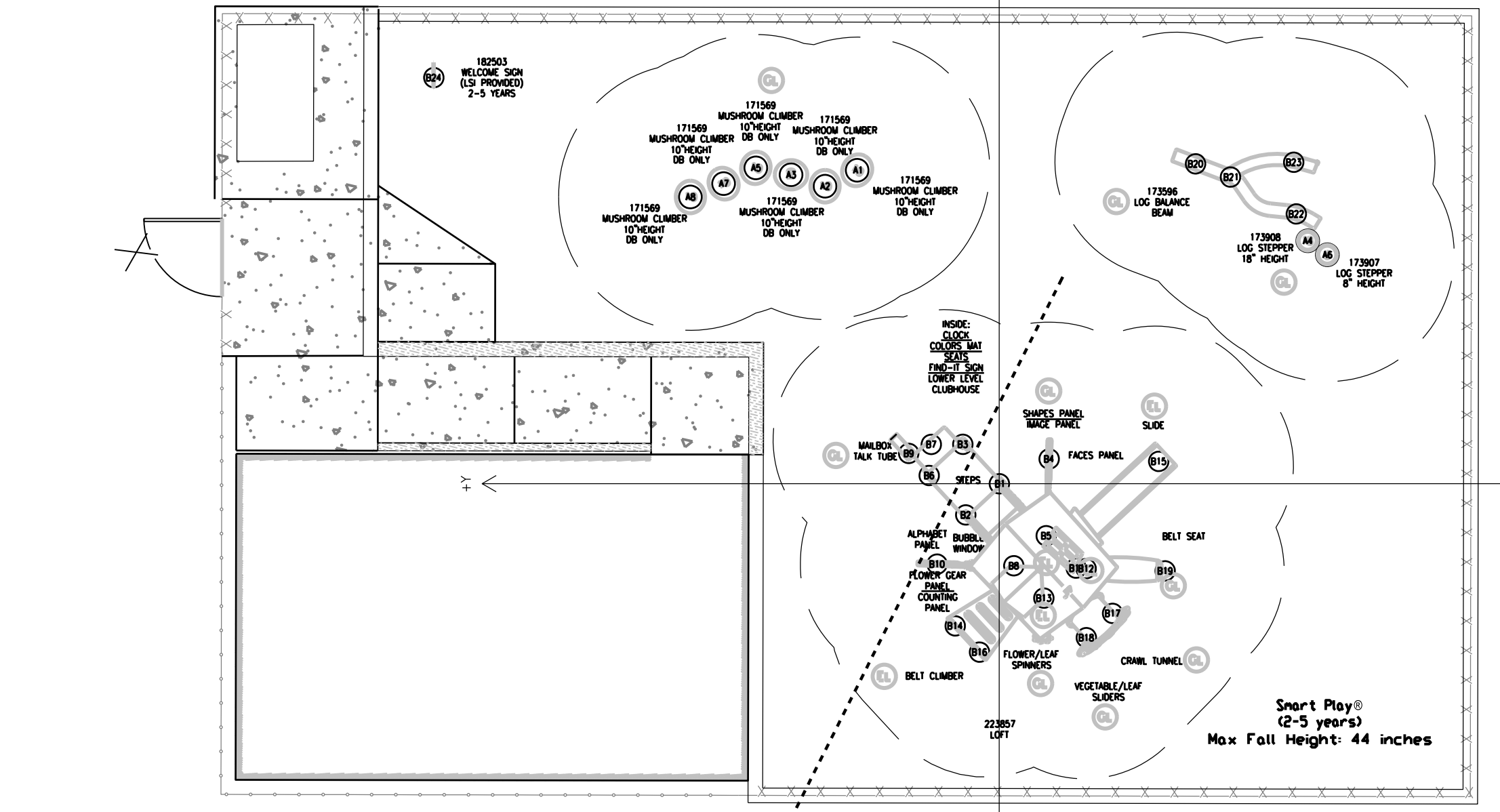
ACCESSIBLE/PROTECTIVE
 LOOSE FILL MATERIAL
 (ENGINEERED WOOD FIBER SUGGESTED)

IT IS THE MANUFACTURER'S OPINION AND INTENT THAT THE LAYOUT OF THESE COMPONENTS CONFORM WITH THE U.S. CONSUMER PRODUCT SAFETY COMMISSION'S (CPSC) "HANDBOOK FOR PUBLIC PLAYGROUND SAFETY".

ISO 14001:2015

ISO 9001:2015

Date: _____ Previous Drawing #: _____ Initials: _____

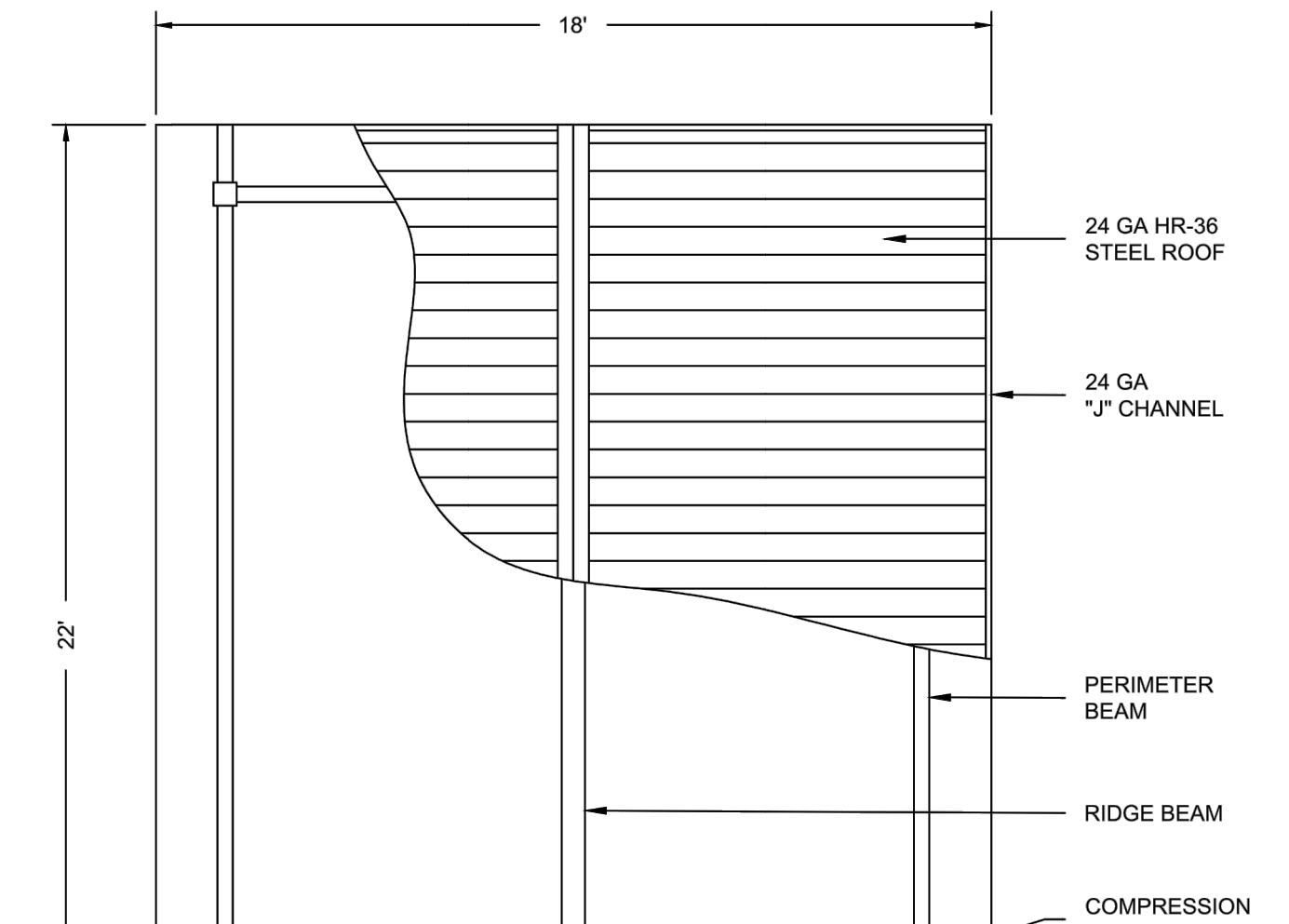
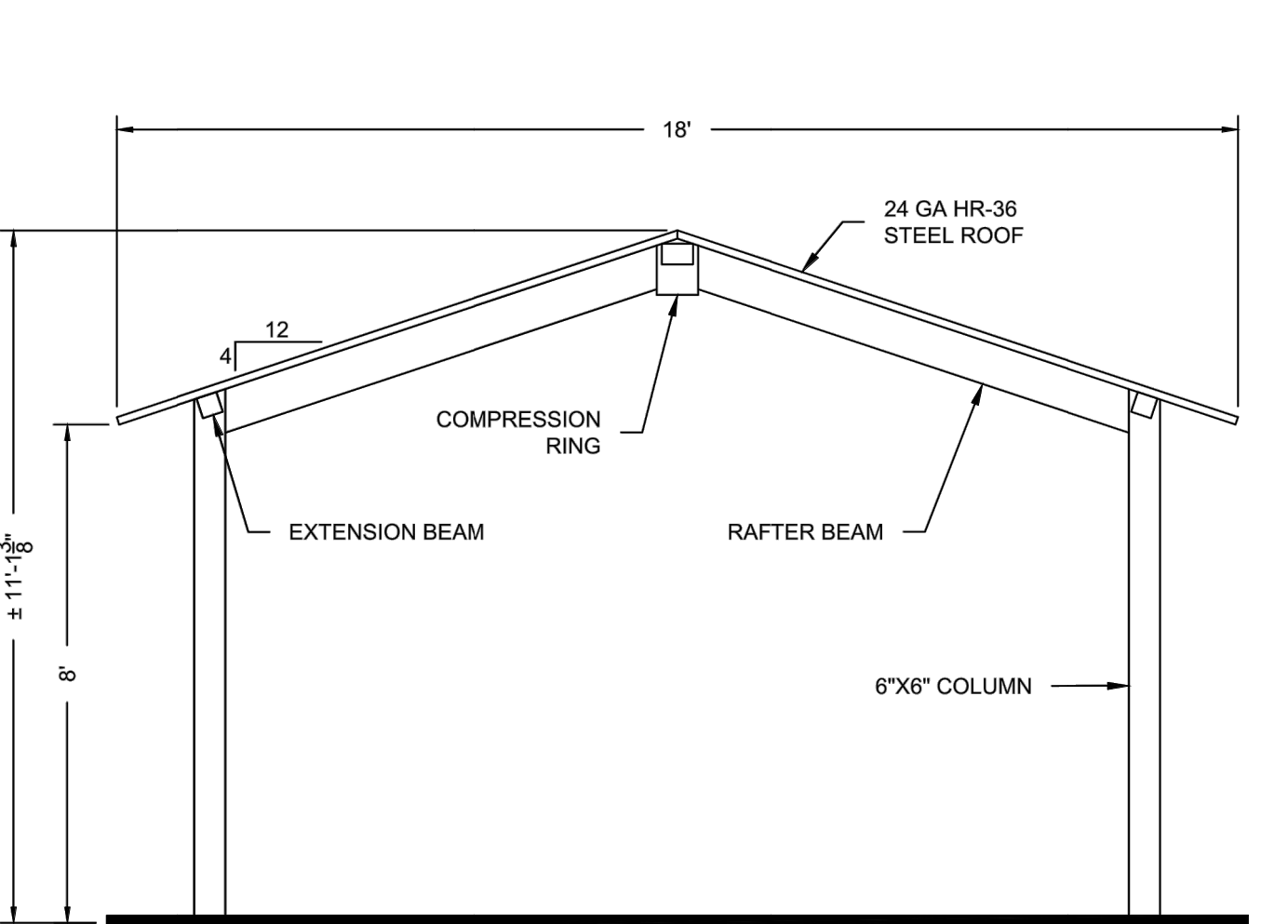


FOOTING CHART FOR PLANNING ONLY. NOT FOR CONSTRUCTION

N.	LD.	X (ft-in)	Y (ft-in)	Dist. to O	DA (ft)
1	A1	16'-0 1/2"	7'-3 1/2"	17'-7 1/2"	14
2	A2	15'-3"	8'-11"	17'-8"	14
3	A3	15'-10"	10'-8"	19'-1"	14
4	A4	12'-5 1/2"	-15'-9 1/2"	20'-1 1/2"	14
5	A5	16'-2"	12'-5 1/2"	20'-5"	14
6	A6	11'-9"	-16'-9 1/2"	20'-6"	14
7	A7	15'-4 1/2"	14'-1 1/2"	20'-10 1/2"	14
8	A8	14'-8 1/2"	15'-10"	21'-7"	14
9	B1	0"	0"	0"	12
10	B2	-1'-7"	1'-8 1/2"	2'-4"	12
11	B3	2"	1'-10 1/2"	2'-9"	12
12	B4	1'-3"	-2'-6 1/2"	2'-10 1/2"	12
13	B5	-2'-8"	-2'-5"	3'-7"	12
14	B6	5"	3'-7"	3'-7 1/2"	12
15	B7	2"	3'-5 1/2"	4"	12
16	B8	-4'-2 1/2"	-3"	4'-3"	12
17	B9	-1'-6 1/2"	4'-7 1/2"	4'-10 1/2"	12
18	B10	-4'-1 1/2"	3'-2"	5'-2 1/2"	12
19	B11	-4'-4"	-3'-11 1/2"	5'-10"	12
20	B12	-4'-4"	-4'-5 1/2"	6'-2 1/2"	12
21	B13	-5'-10 1/2"	-2'-3 1/2"	6'-3 1/2"	12
22	B14	-7'-3 1/2"	2'-3"	7'-7 1/2"	12
23	B15	1'-1 1/2"	-8'-2"	8'-3"	12
24	B16	-8'-7 1/2"	1"	8'-8"	12
25	B17	-8'-7 1/2"	-5'-9 1/2"	8'-10"	12
26	B18	-7'-10 1/2"	-4'-5 1/2"	9'-1"	12
27	B19	-4'-5 1/2"	-8'-6"	9'-7"	12
28	B20	16'-4 1/2"	-10'-0 1/2"	19'-2 1/2"	12
29	B21	15'-8 1/2"	-11'-10"	19'-8"	12
30	B22	13'-10"	-15'-2 1/2"	20'-6 1/2"	12
31	B23	16'-5 1/2"	-15'-1"	22'-4"	12
32	B24	20'-9 1/2"	28'-11 1/2"	35'-8"	12

K PLAY STRUCTURE ACCESSIBILITY ROUTE & TRANSFER STATIONS

CONTACT ALEX HAILEY • ROSS RECREATION EQUIPMENT, 707-538-3800

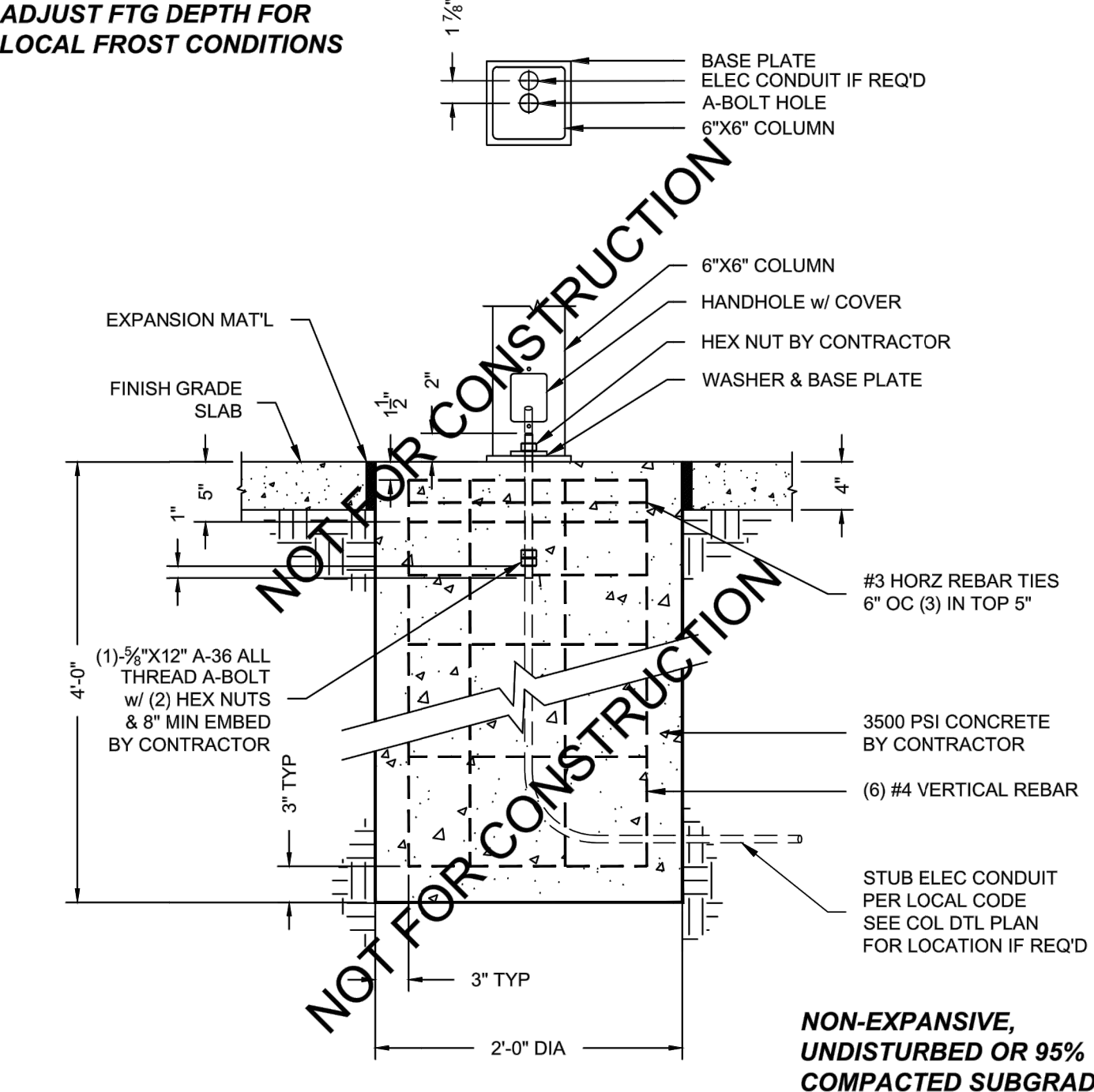


M 16' X 24' SHADE STRUCTURE

CONTACT ALEX HAILEY • ROSS RECREATION EQUIPMENT, 707-538-3800

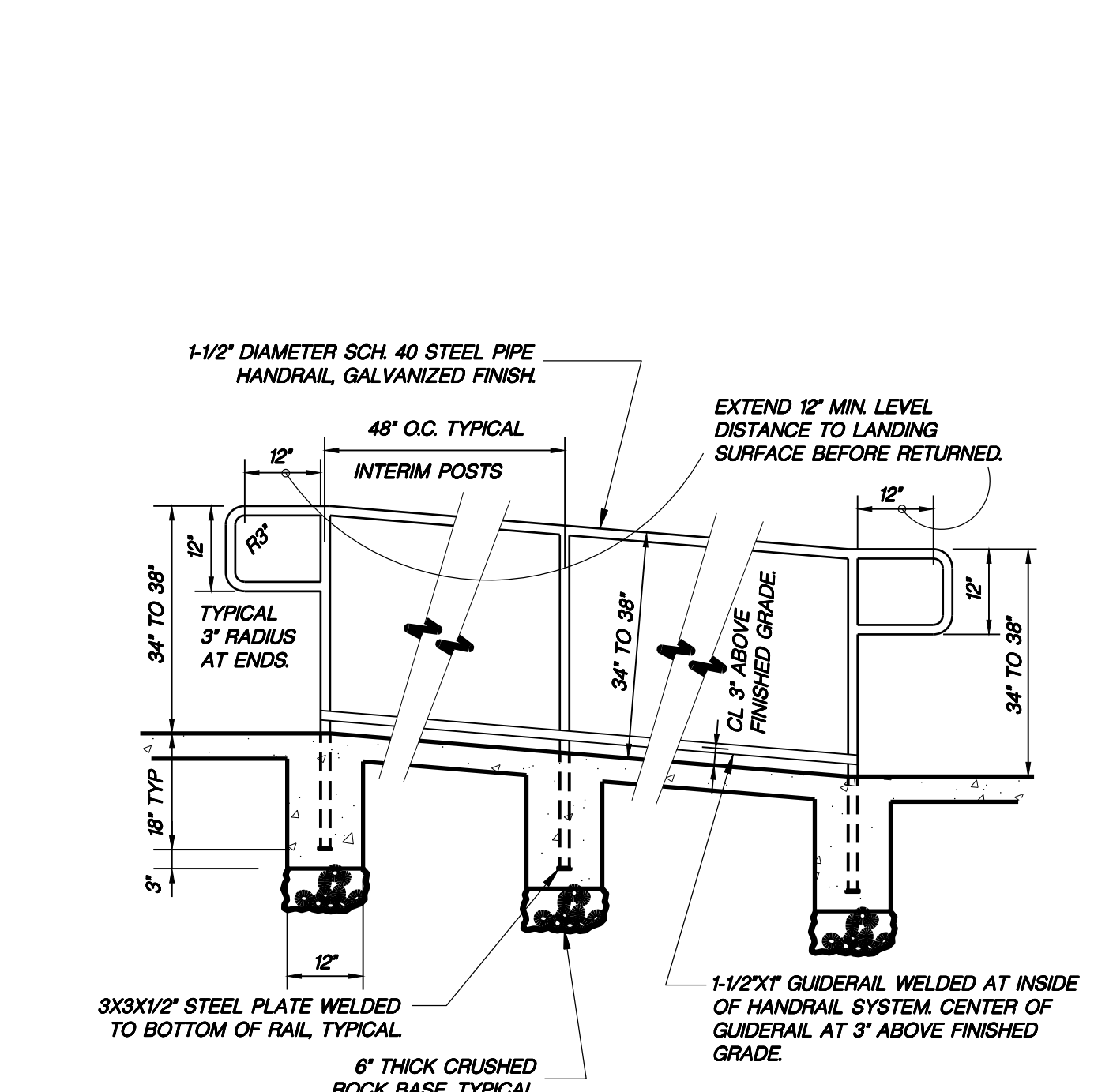
L PLAY STRUCTURE FOOTING LOCATIONS

CONTACT ALEX HAILEY • ROSS RECREATION EQUIPMENT, 707-538-3800



N HANDRAIL AT RAMP

1/2\"/>



N HANDRAIL AT RAMP

1/2\"/>

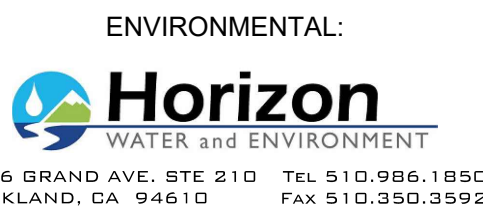


MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:
CIVIL / STRUCTURAL / SURVEY:



CAL ENGINEERING & GEOLOGY



IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:
SAN JOSE FAMILY CAMP STORM DAMAGE REPAIR PROJECT

REV	DATE	REASON FOR ISSUE

SCALE: AS SHOWN
 DRAWN BY: BD
 DATE: 01/17/2022
 CHECKED BY: KM

SECTION MANAGER: MANAGER
 CPMS ID NUMBER: CPMS ID
 SHEET TITLE:

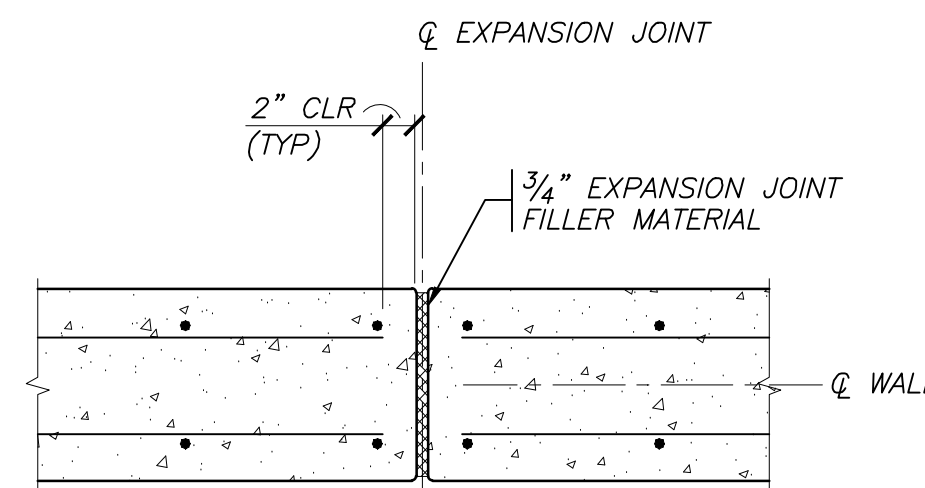
PLAY AREA DETAILS

SHEET NUMBER: 18 OF 22

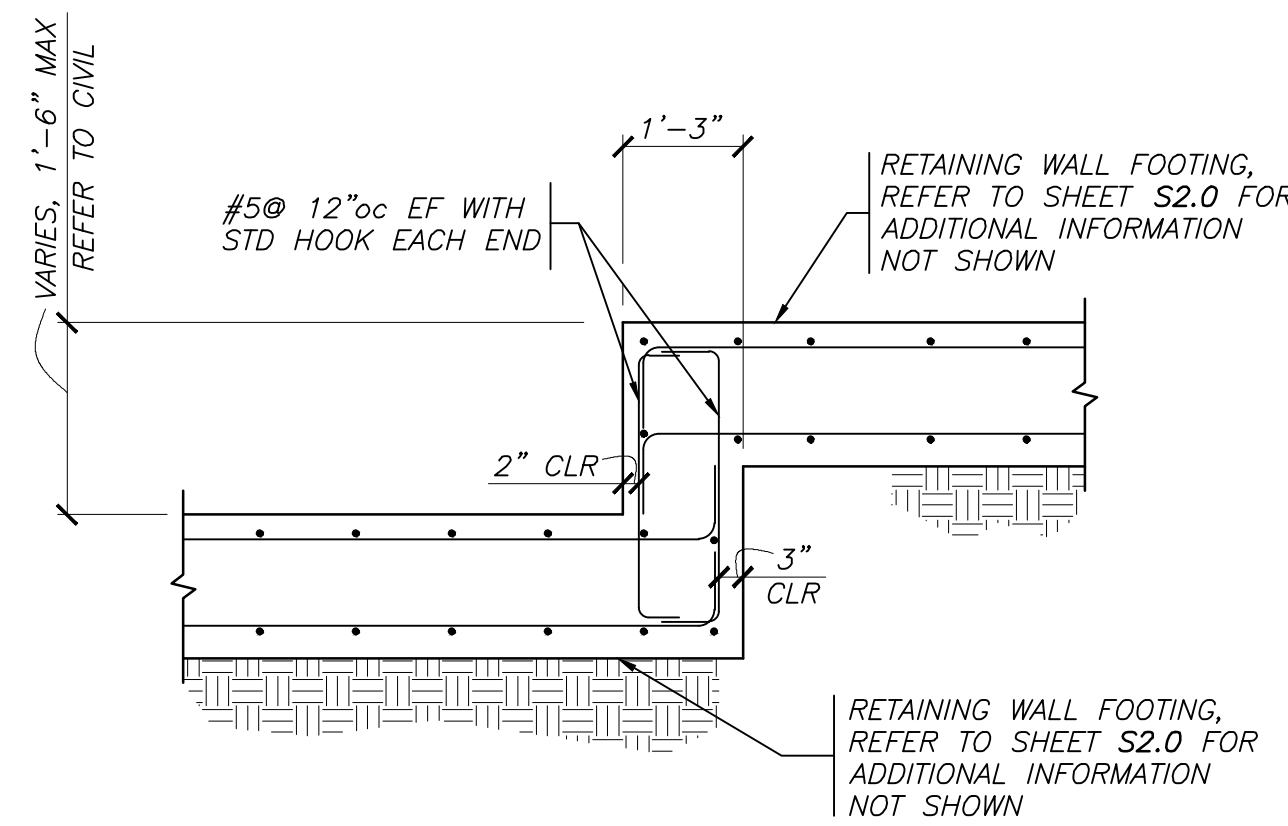
SHEET IDEN: L1.3

NOTES:

- EXPANSION JOINT SHALL BE LOCATED AT 25'-0" MAX AND AT FOOTING STEPS. CONTRACTOR SHALL PROVIDE LOCATIONS OF EXPANSION JOINT FOR REVIEW AND APPROVAL BY THE ENGINEER.



4 RETAINING WALL EXPANSION JOINT
S1.1 SCALE: 1" = 1'-0"



5 TYPICAL STEPPED FOOTING
S1.1 SCALE: 1/2" = 1'-0"

TYPICAL BARS OTHER THAN STIRRUPS, TIES, HOOPS AND CROSS-TIES

BAR SIZE	90°	180°	135°	90°
	1"	1"	1"	1"
#3	2 1/4	2 1/2	2 1/2	4 1/2
#4	3	2 1/2	3	6
#5	3 1/4	2 1/2	3 1/4	7 1/2
#6	4 1/2	3 1/2	4 1/2	3
#7	5 1/4	3 1/2	5 1/4	10 1/2
#8	6	4	6	12
#9	9 1/2	4 1/2	6 3/4	13 1/2
#10	10 3/4	5 1/4	7 1/4	15 1/4
#11	12	5 1/4	8 1/2	17
#14	18 1/4	7	10 1/2	21
#18	24	9	13 1/2	27

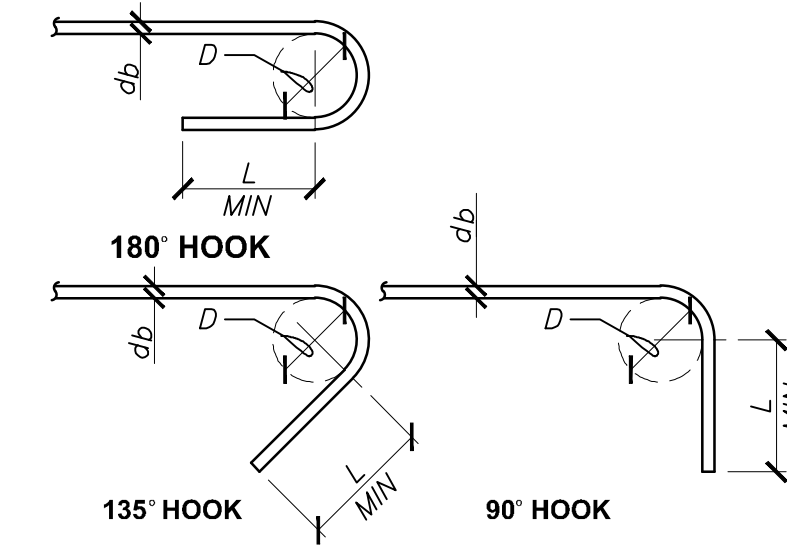
STIRRUPS, TIES, HOOPS AND CROSS-TIES

BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
#3	1 1/2	-	4	4	-	-	-	-	-
#4	2	-	4	4	-	-	-	-	-
#5	2 1/2 ⁽¹⁾	-	4	4	-	-	-	-	-
#6	4 1/2	-	4 1/2	9	-	-	-	-	-
#7	5 1/4	-	5 1/4	10 1/2	-	-	-	-	-
#8	6	-	6	12	-	-	-	-	-

(1) USE 3 3/4" IN CONC. BLK. CONSTRUCTION

NOTE:

- ALL DIMENSIONS GIVEN ARE IN INCHES.

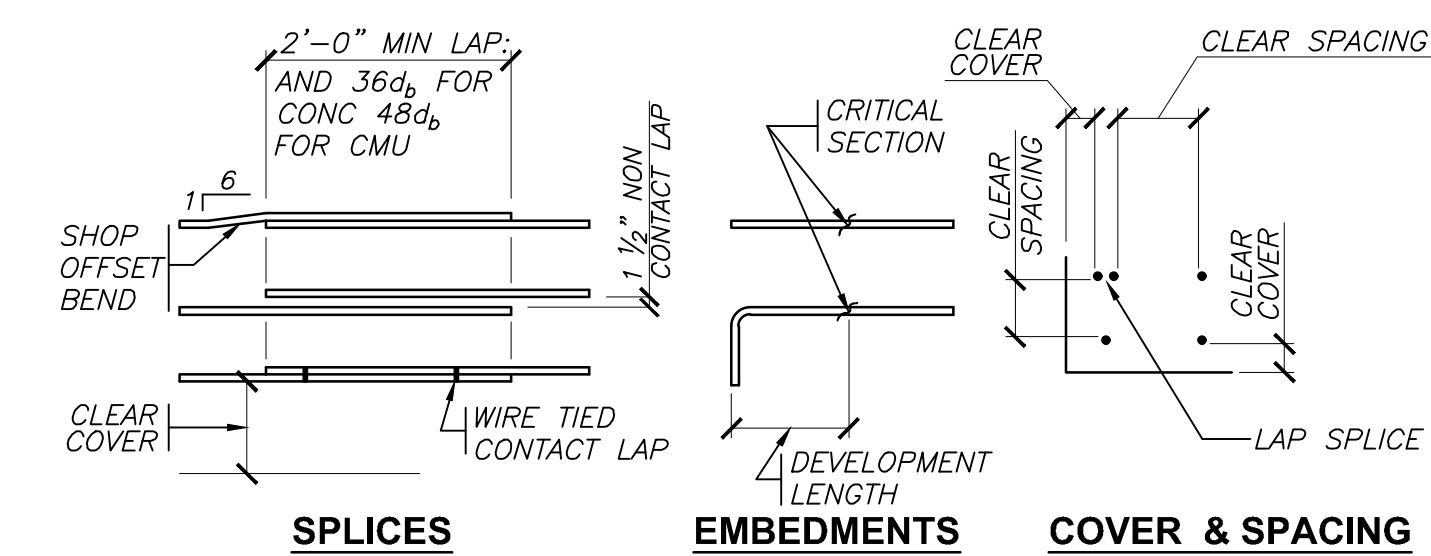


LEGEND FOR REINF BENDS (N.T.S.)

- INDICATES 90° BEND IN PLANE OF DRAWING
- INDICATES 90° BEND PERPENDICULAR TO PLANE OF DRAWING
- INDICATES 135° BEND IN PLANE OF DRAWING
- INDICATES 180° BEND IN PLANE OF DRAWING
- INDICATES 135° OR 180° BEND PERPENDICULAR TO PLANE OF DRAWING
- INDICATES OFFSET IN PLANE OF DRAWING

1 TYPICAL BAR BENDS AND HOOKS
S1.1 SCALE: 3/4" = 1'-0"

REINFORCEMENT PROPERTIES	BAR SIZE	#11	#10	#9	#8	#7	#6	#5	#4	#3
		REINF GRADE (ksi)	60	60	60	60	60	60	60	60
NOMINAL AREA (in ²)	1.56	1.27	1.00	0.79	0.60	0.44	0.31	0.20	0.11	0.08
WEIGHT (lb/ft)	5.313	4.303	3.400	2.670	2.044	1.502	1.043	0.668	0.376	0.276
NOMINAL DIA (in)	1.410	1.270	1.128	1.000	0.875	0.750	0.625	.500	.375	.288
DEVELOPMENT OR CLASS A TENSION LAP SPLICE (LENGTH IN INCHES)	3000	78	70	62	55	48	33	28	22	17
	4000	101	91	81	72	63	43	36	29	22
	≥5000	67	61	54	48	42	29	24	19	15
CLASS B TENSION LAP SPLICE (LENGTH IN INCHES)	3000	87	79	70	62	54	37	31	25	19
	4000	60	54	48	43	38	26	22	17	13
	≥5000	78	70	63	56	49	34	28	23	17
COMPRESSION LAP SPLICE (LENGTH IN INCHES)	3000	101	91	81	72	63	43	36	29	22
	4000	131	118	105	93	81	56	47	37	28
	≥5000	87	79	70	62	54	37	31	25	19
STANDARD HOOKED DEVELOPMENT (LENGTH IN INCHES)	<3000	113	102	91	81	71	49	41	33	24
	3000	78	70	63	56	49	34	28	23	17
	4000	102	92	81	72	63	43	36	29	22
COVER & SPACING	<3000	55	50	44	39	35	30	25	20	15
	>3000	43	39	34	30	26	23	19	15	12
	5000	26	24	22	20	17	15	12	10	7



NOTES:

- REINFORCEMENT TABLE IS BASED ON ACI THE CURRENT EDITION OF ACI 318.
- "TOP REINF" IS HORIZONTAL REINFORCEMENT PLACED SUCH THAT 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE DEVELOPMENT LENGTH OR SPLICE.
- EMBEDMENT AND LAP LENGTH IS BASED ON NORMAL WEIGHT CONCRETE. FOR LIGHT WEIGHT CONCRETE MULTIPLY THE TENSION DEVELOPMENT AND SPLICE LENGTHS BY 1.3.
- THE DEVELOPMENT AND LAP SPLICE SCHEDULE CAN BE USED FOR NON CONTACT LAP SPLICE WHEN BAR SPACING IS LESS THAN 6".
- THE SCHEDULE ABOVE IS APPLICABLE FOR THE FOLLOWING CONDITIONS. IF THE FOLLOWING CONDITIONS ARE NOT MET MULTIPLY THE LENGTHS PROVIDED BY 1.5.
 - BARS NOT CONFINED BY TIES: CLEAR SPACING OF DEVELOPED OR SPLICED BARS NOT LESS THAN d_b AND CLEAR COVER NOT LESS THAN d_b
 - BARS CONFINED BY TIES: CLEAR SPACING OF DEVELOPED OR SPLICED BARS NOT LESS THAN $2d_b$ AND CLEAR COVER NOT LESS THAN d_b
- ALL BAR TENSION LAP SPLICES ARE CLASS B UNLESS OTHERWISE NOTED.
- FOR 3 BAR BUNDLE MULTIPLY THE TENSION LAP SPLICE BY 1.2. FOR 4 BAR BUNDLE MULTIPLY THE TENSION LAP SPLICE BY 1.33.
- FOR BAR SIZES #14 AND #18 USE MECHANICAL SPLICES.
- TENSION LAP SPLICES MAY BE SUBSTITUTED WITH MECHANICAL SPLICES WITH APPROVAL BY THE ENGINEER.

3 TYPICAL LAP SPLICE SCHEDULE
S1.1 SCALE: 1/2" = 1'-0"



MATT CANO
DIRECTOR OF PUBLIC WORKS

DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:



GEOTECHNICAL:

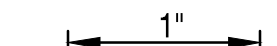


6455 ALMADEN EXPY., STE 100 SAN JOSE, CA 95120 TEL: 408.440.4542

ENVIRONMENTAL:



266 GRAND AVE., STE 210 DAKLAND, CA 94610 TEL: 510.966.1850 FAX: 510.350.3592



IF THIS DOES NOT MEASURE ONE INCH, THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:

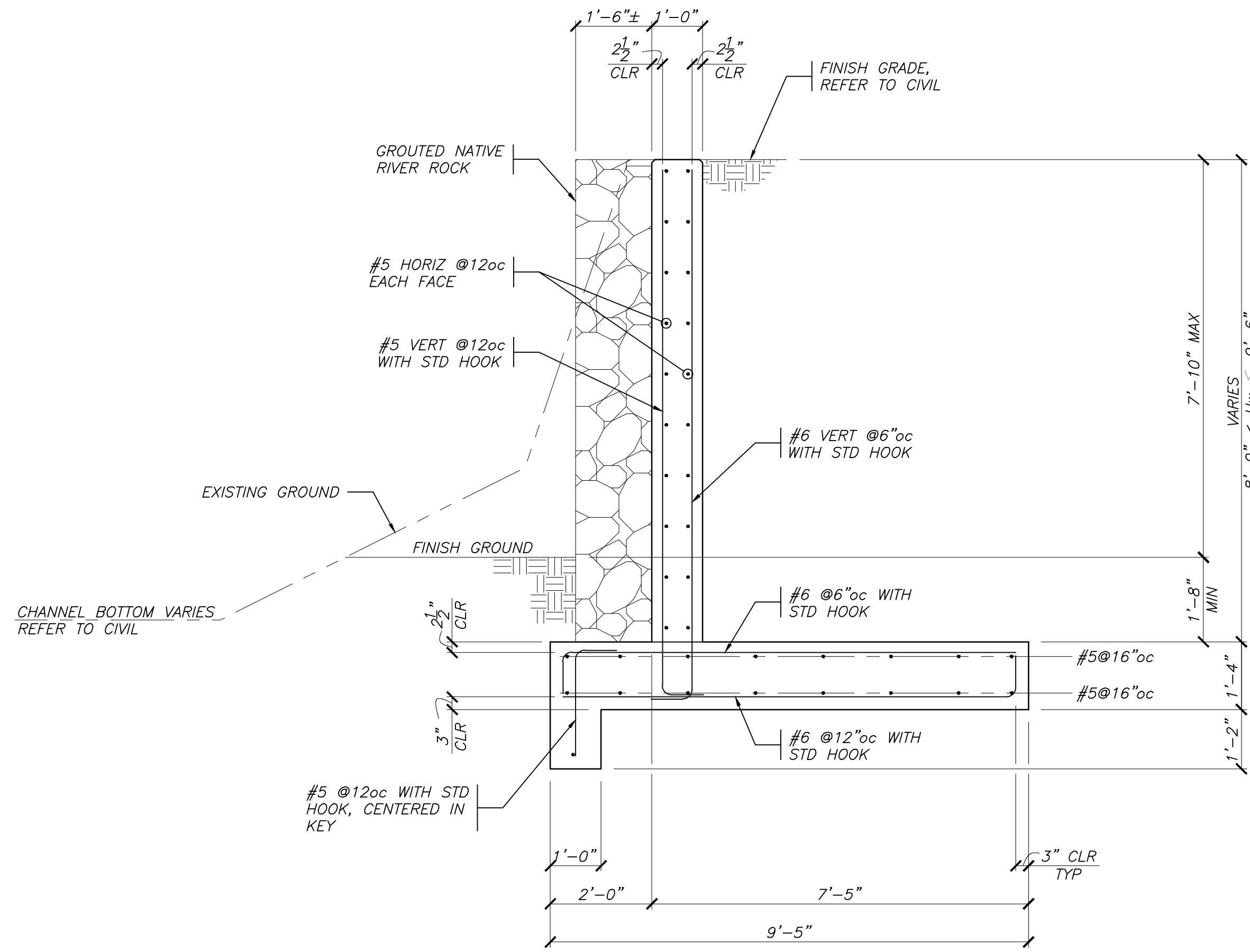
SAN JOSE FAMILY CAMP STORM DAMAGE REPAIR PROJECT

REV	DATE	REASON FOR ISSUE
SCALE:	AS SHOWN	DRAWN BY: JFM
DATE:	01/17/2022	CHECKED BY: AEJ
SECTION MANAGER: MANAGER		
CPMS ID NUMBER: CPMS ID		
SHEET TITLE:		

TYPICAL DETAILS

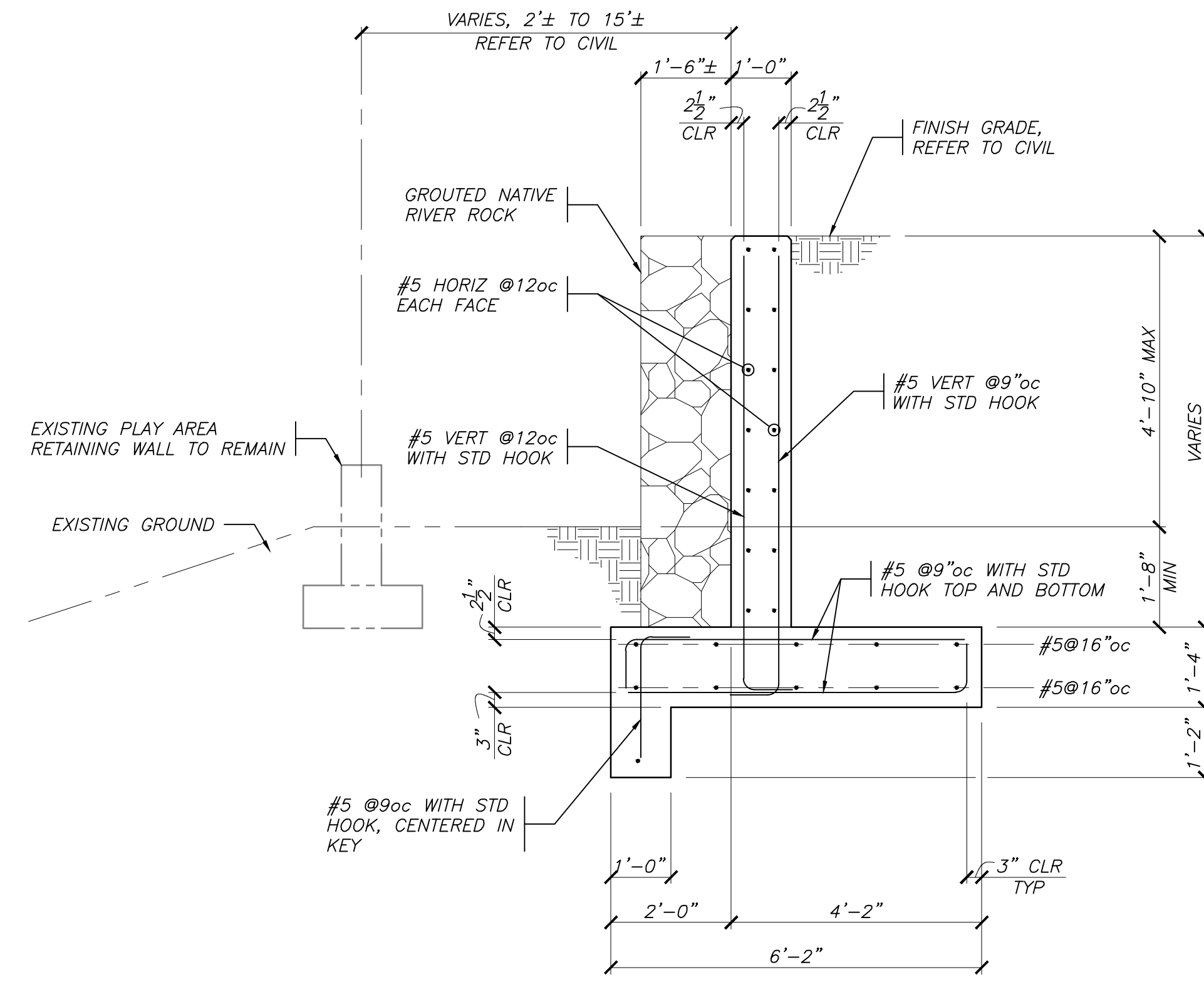
SHEET NUMBER: 20 OF 22

SHEET IDEN: S1.1



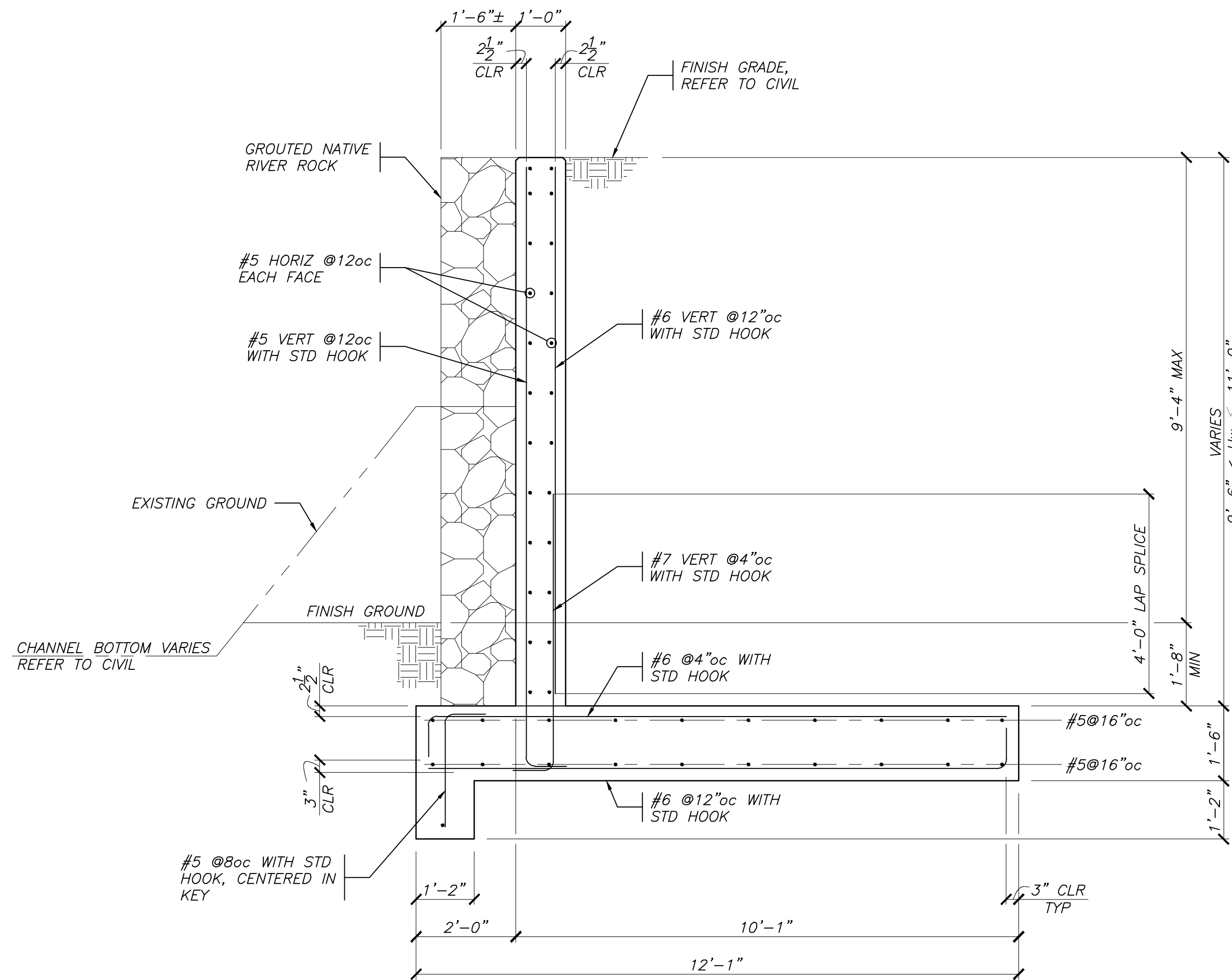
NORTH POOL RETAINING WALL
8'-0" < Hw , 9'-6" (UNDRAINED)

3
 S2.0 SCALE: 1/2" = 1'-0"



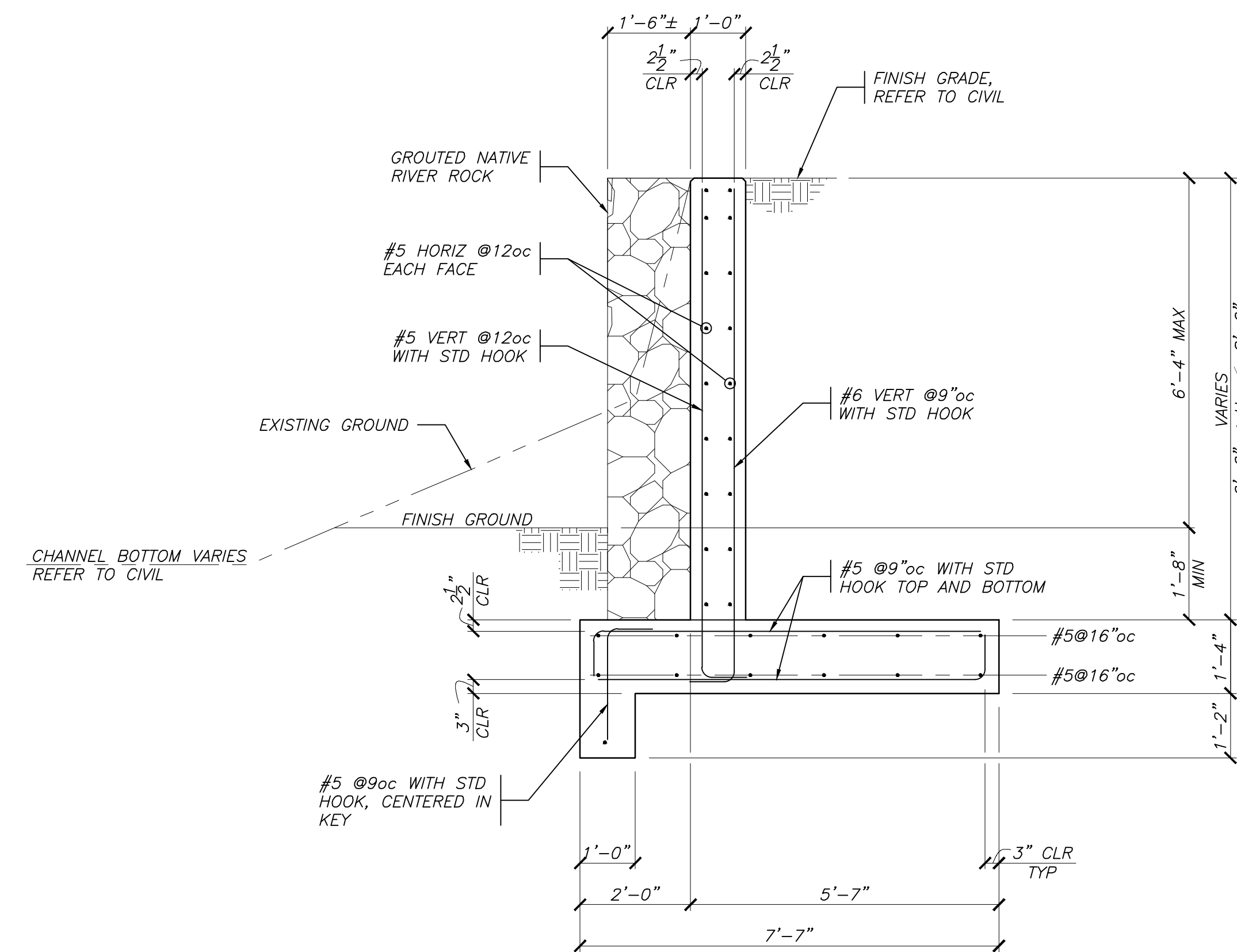
NORTH POOL RETAINING WALL
5'-6" < Hw , 6'-6" (UNDRAINED)

1
 S2.0 SCALE: 1/2" = 1'-0"



NORTH POOL RETAINING WALL
9'-6" < Hw , 11'-0" (UNDRAINED)

4
 S2.0 SCALE: 1/2" = 1'-0"



NORTH POOL RETAINING WALL
6'-6" < Hw , 8'-0" (UNDRAINED)

2
 S2.0 SCALE: 1/2" = 1'-0"



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DESIGN TEAM:

CIVIL / STRUCTURAL / SURVEY:



GEOTECHNICAL:

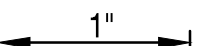


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ENVIRONMENTAL:



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 266 GRAND AVE, STE 210 TEL 510.966.1850
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IF THIS DOES NOT MEASURE ONE INCH,
 THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:

**SAN JOSE FAMILY CAMP
 STORM DAMAGE
 REPAIR PROJECT**

REV	DATE	REASON FOR ISSUE
AS SHOWN		JFM
01/17/2022		AEJ

SECTION MANAGER:
 MANAGER

CPMS ID NUMBER:
 CPMS ID

SHEET TITLE:

**NORTH POOL
 RETAINING WALLS**

SHEET NUMBER: 21 OF 22

SHEET IDEN: **S2.0**

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MATT CANO
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DESIGN TEAM:

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WOOD ROGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
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ENVIRONMENTAL:
Horizon
WATER AND ENVIRONMENT
266 GRAND AVE, STE 210 TEL: 510.986.1850
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1"
IF THIS DOES NOT MEASURE ONE INCH,
THESE PLANS ARE NOT FULL SCALE.

PROJECT TITLE:
**SAN JOSE FAMILY CAMP
STORM DAMAGE
REPAIR PROJECT**

REV	DATE	REASON FOR ISSUE

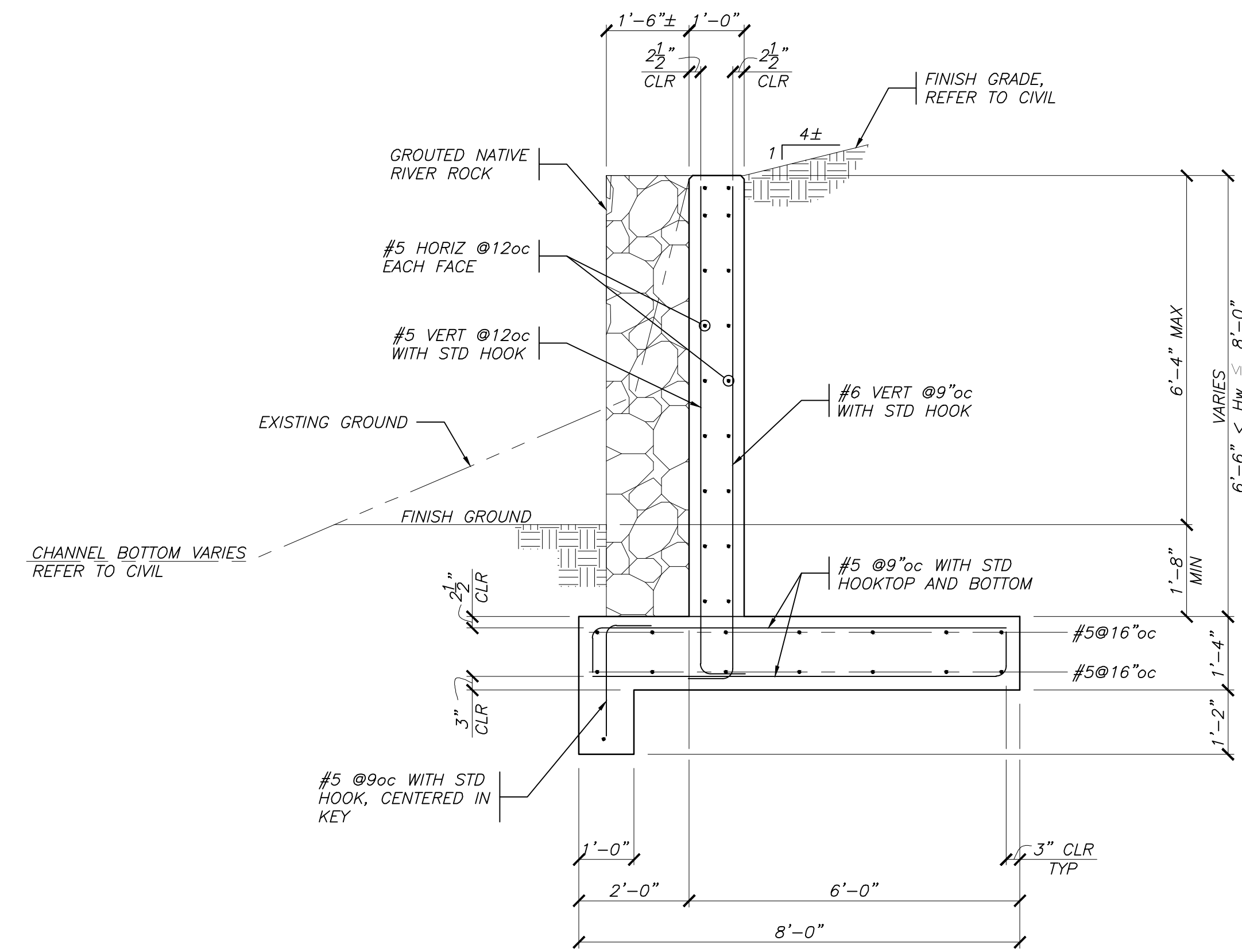
SCALE: AS SHOWN	DRAWN BY: JFM
DATE: 01/17/2022	CHECKED BY: AEJ

SECTION MANAGER:
MANAGER
CPMS ID NUMBER:
CPMS ID
SHEET TITLE:

**SOUTH POOL AND
PLAY AREA
RETAINING WALLS**

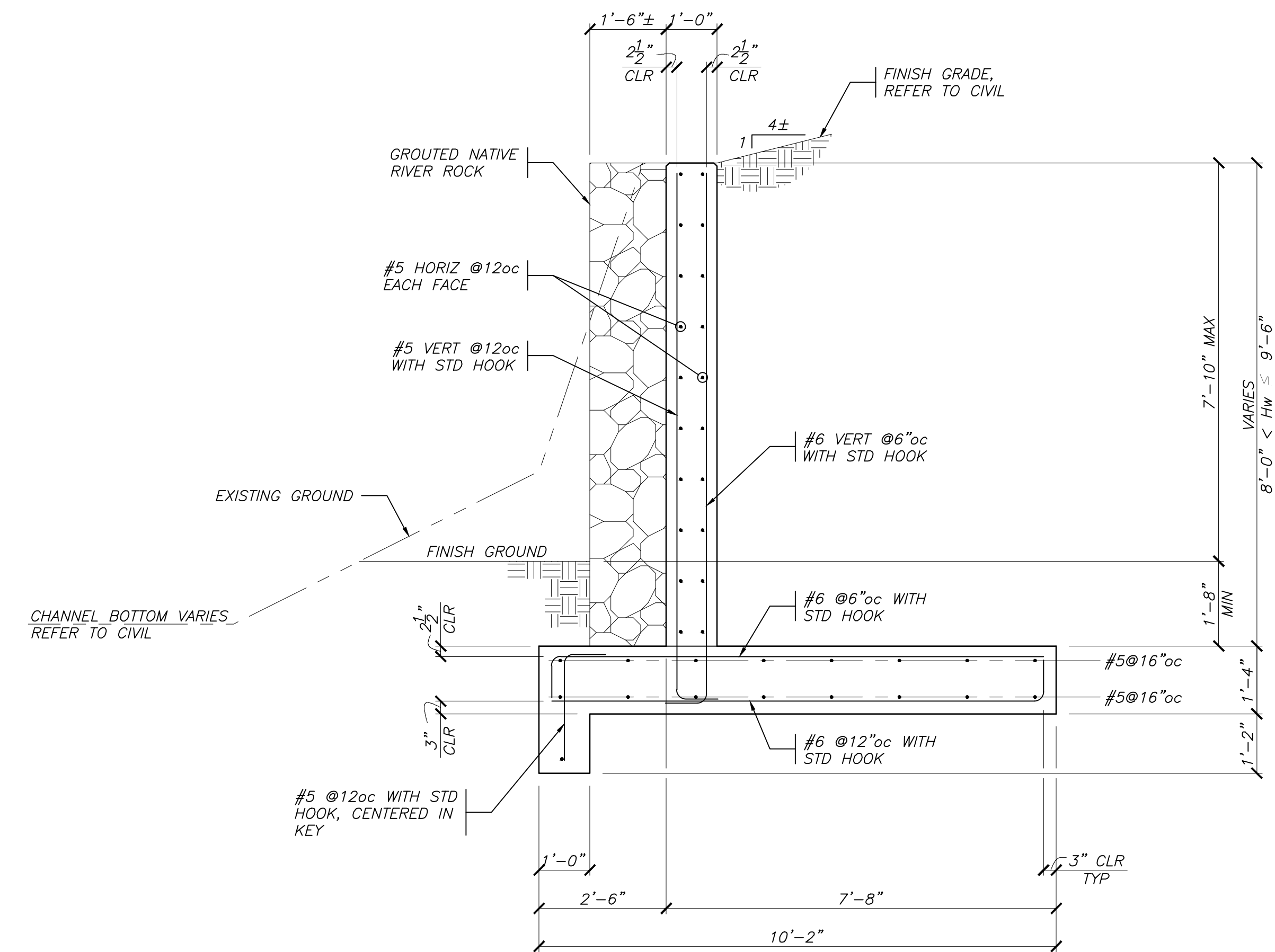
SHEET NUMBER: 22 OF 22

SHEET IDEN: **S2.1**



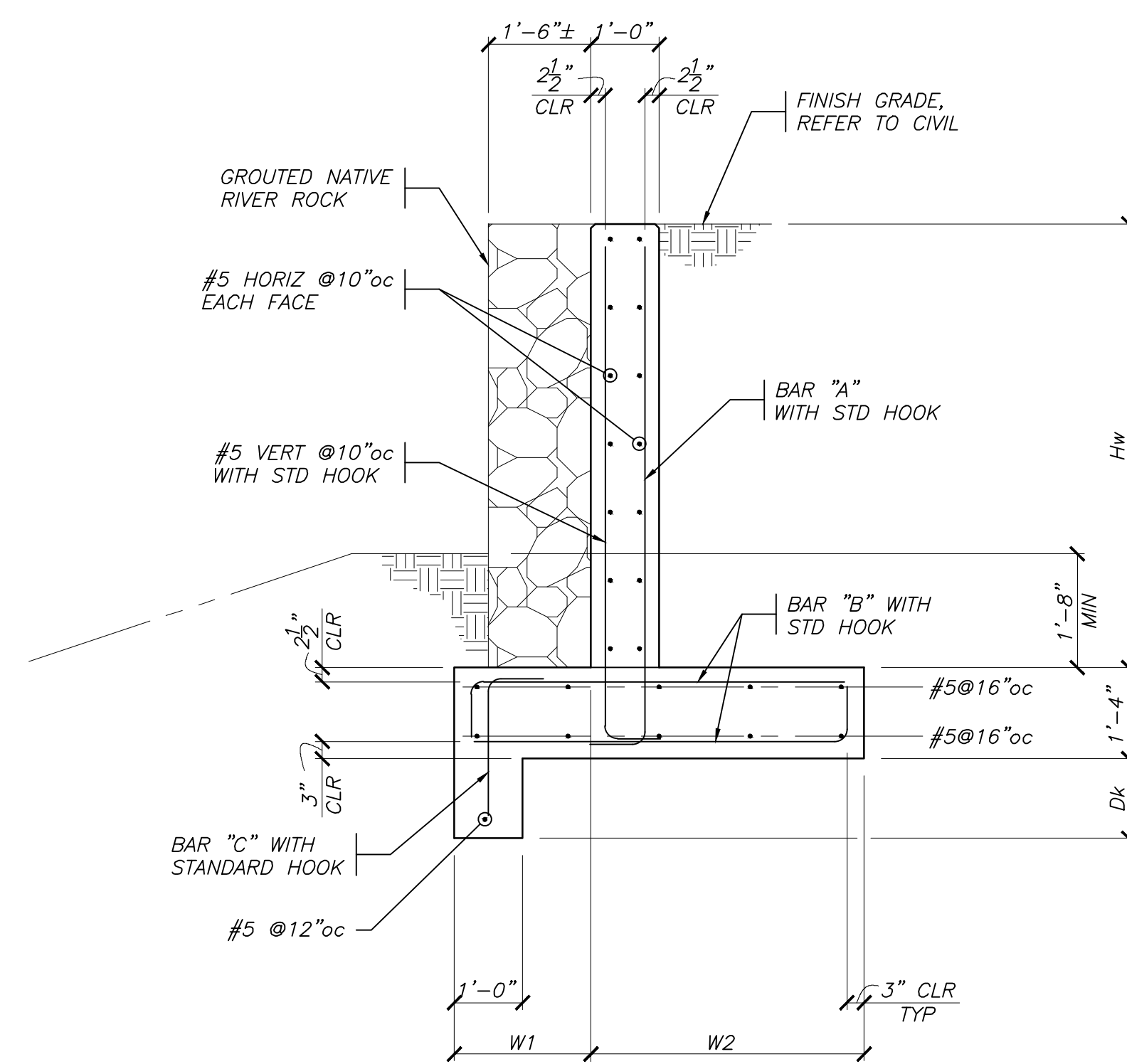
SOUTH POOL RETAINING WALL
6'-6" < Hw, 8'-0" (UNDRAINED)

SCALE: 1/2" = 1'-0"



SOUTH POOL RETAINING WALL
8'-0" < Hw, 9'-6" (UNDRAINED)

SCALE: 1/2" = 1'-0"



PLAY AREA RETAINING WALL SCHEDULE
(LEVEL BACKFILL - UNDRAINED)

Hw	Df	Dk	W1	W2	BAR "A"	BAR "B"	BAR "C"
Hw ≤ 4'-6"	1'-2"	1'-2"	2'-0"	2'-6"	#5 @ 10"	#5 @ 10"	#5 @ 10"
4'-6" < Hw ≤ 6'-0"	1'-2"	1'-2"	2'-0"	3'-6"	#5 @ 10"	#5 @ 10"	#5 @ 10"
6'-0" < Hw ≤ 7'-6"	1'-2"	1'-2"	2'-0"	4'-6"	#5 @ 9"	#5 @ 9"	#5 @ 9"
-	-	-	-	-	-	-	-

**PLAY AREA
RETAINING WALL (UNDRAINED)**

SCALE: 1/2" = 1'-0"