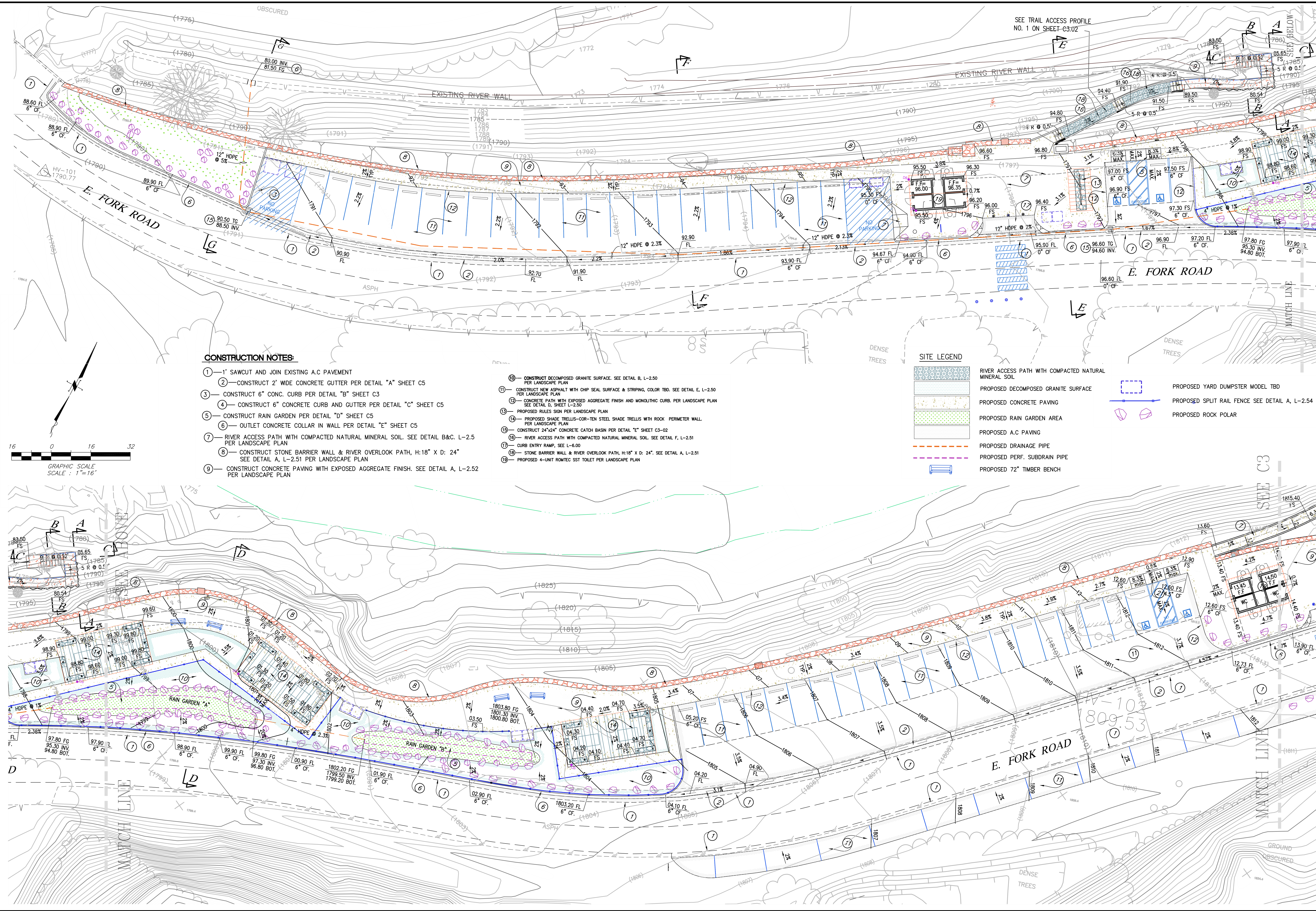




REVISION	
NO.	DATE

CALCIVIC ENGINEERING GROUP
CONSULTING ENGINEERS & LAND SURVEYORS
CIVIL / STRUCTURAL / LAND SURVEYING
2160 PARRELL WAY, ALTADENA, CALIFORNIA 91001
TEL: (626) 798-2828 FAX (626) 798-6644
E-MAIL: calcivic@earthlink.net

REGISTERED PROFESSIONAL ENGINEER
NATHAN W. K. CHIU
No. C4672
EXP. 03/31/2026
CIVIL
STATE OF CALIFORNIA

GRADING PLAN

OAKS STAIRWAY & OVERLOOK
EAST FORK, SAN GABRIEL RIVER

CHECKED BY
I.C.

DRAWN BY
K.H.

PLAN SCALE
1" = 16'

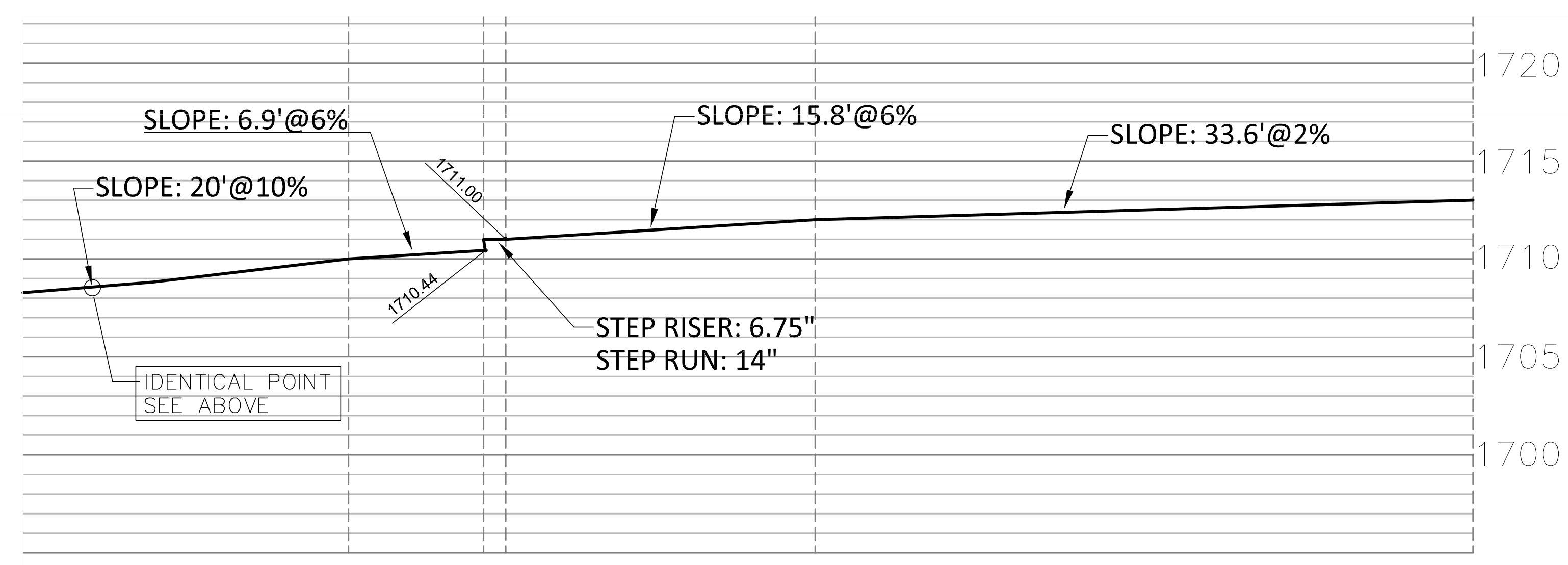
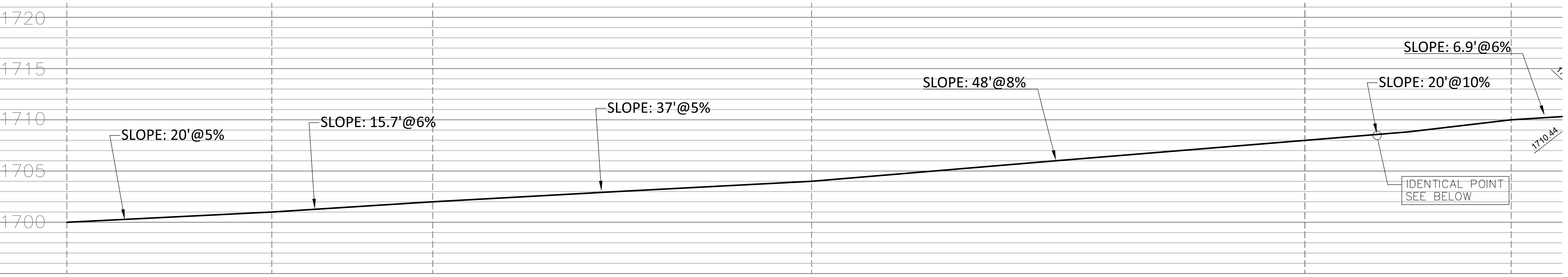
DATE
04/27/23

JOB NO.
042723

SHEET NO.
C2
OF 6 SHEETS

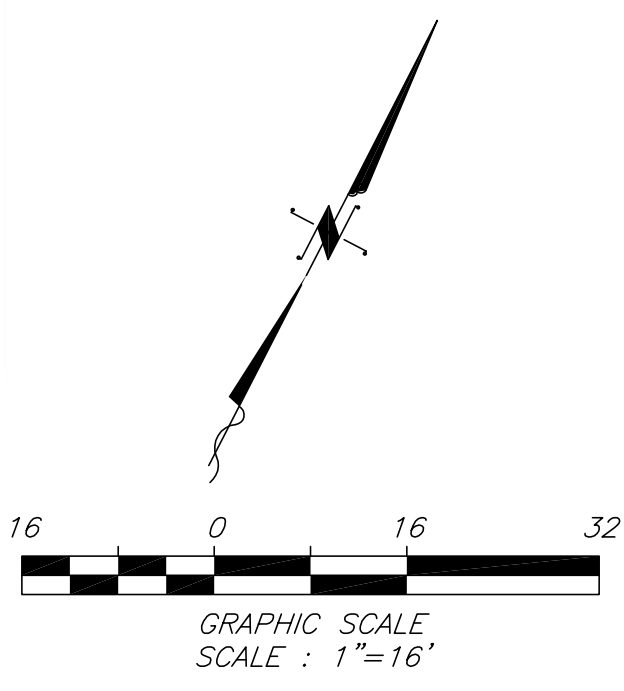


- CONSTRUCTION NOTES:**
- 1' SAWCUT AND JOIN EXISTING A.C PAVEMENT
 - CONSTRUCT 2' WIDE CONCRETE GUTTER PER DETAIL "A" SHEET C5
 - CONSTRUCT 6" CONC. CURB PER DETAIL "B" SHEET C3
 - CONSTRUCT 6" CONCRETE CURB AND GUTTER PER DETAIL "C" SHEET C5
 - CONSTRUCT RAIN GARDEN PER DETAIL "D" SHEET C5
 - OUTLET CONCRETE COLLAR IN WALL PER DETAIL "E" SHEET C5
 - RIVER ACCESS PATH WITH COMPACTED NATURAL MINERAL SOIL. SEE DETAIL B&C. L-2.5 PER LANDSCAPE PLAN
 - CONSTRUCT STONE BARRIER WALL & RIVER OVERLOOK PATH, H:18" X D: 24" SEE DETAIL A, L-2.51 PER LANDSCAPE PLAN
 - CONSTRUCT CONCRETE PAVING WITH EXPOSED AGGREGATE FINISH. SEE DETAIL A, L-2.52 PER LANDSCAPE PLAN
 - CONSTRUCT DECOMPOSED GRANITE SURFACE. SEE DETAIL B, L-2.50 PER LANDSCAPE PLAN
 - CONSTRUCT NEW ASPHALT WITH CHIP SEAL SURFACE & STRIPING, COLOR TBD. SEE DETAIL E, L-2.50 PER LANDSCAPE PLAN
 - CONCRETE PATH WITH EXPOSED AGGREGATE FINISH AND MONOLITHIC CURB. PER LANDSCAPE PLAN SEE DETAIL D, SHEET L-2.50
 - PROPOSED RULES SIGN PER LANDSCAPE PLAN
 - PROPOSED SHADE TRELLIS-COR-TEN STEEL SHADE TRELLIS WITH ROCK PERIMETER WALL. PER LANDSCAPE PLAN
 - CONSTRUCT 24"x24" CONCRETE CATCH BASIN PER DETAIL "E" SHEET C3-02
 - RIVER ACCESS PATH WITH COMPACTED NATURAL MINERAL SOIL. SEE DETAIL F, L-2.51
 - CURB ENTRY RAMP, SEE L-6.00
 - STONE BARRIER WALL & RIVER OVERLOOK PATH, H:18" X D: 24". SEE DETAIL A, L-2.51
 - PROPOSED 4-UNIT ROMTEC SST TOILET PER LANDSCAPE PLAN



TRAIL ACCESS PROFILE NO.2

HORIZ. 1"=5'
VERT. 1"=5'



REVISION	
NO.	DATE

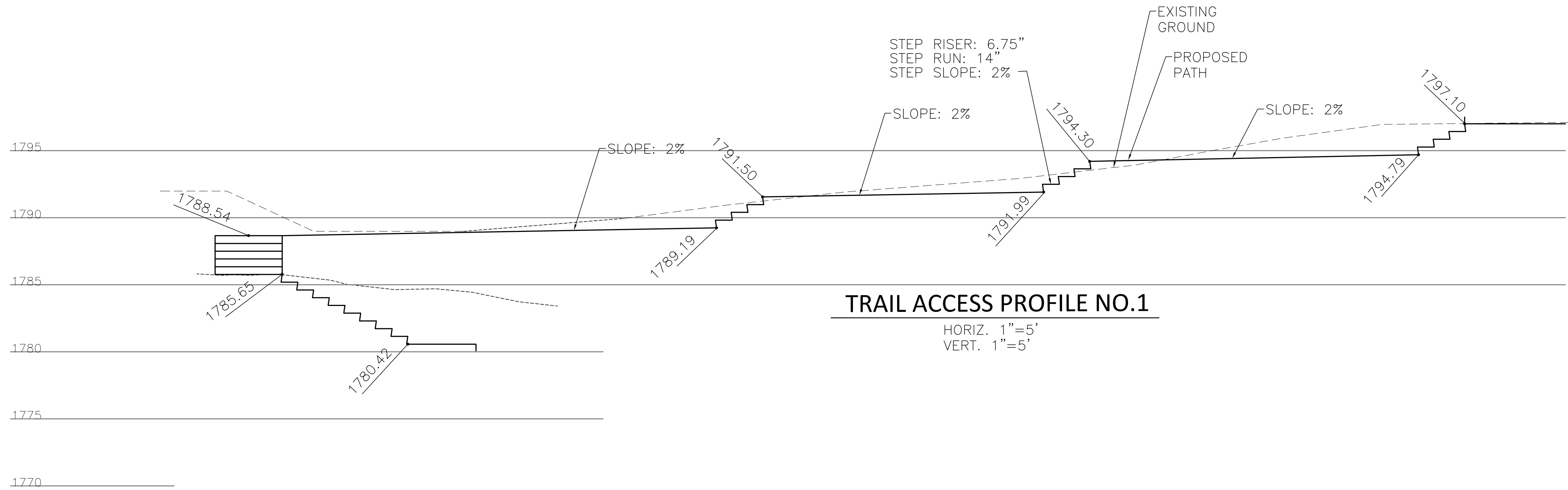
CALCIVIC ENGINEERING GROUP
CONSULTING ENGINEERS & LAND SURVEYORS
CIVIL / STRUCTURAL / LAND SURVEYING
2160 PARRELL WAY, ALTADENA, CALIFORNIA 91001
TEL. (626) 798-2828 FAX (626) 798-6644
E-MAIL: calcivic@earthlink.net

REGISTERED PROFESSIONAL ENGINEER
IAN W. K. CHIU
No. C44672
EXP. 03/31/2026
CIVIL
STATE OF CALIFORNIA

GRADING PLAN
OAKS STAIRWAY & OVERLOOK
EAST FORK, SAN GABRIEL RIVER

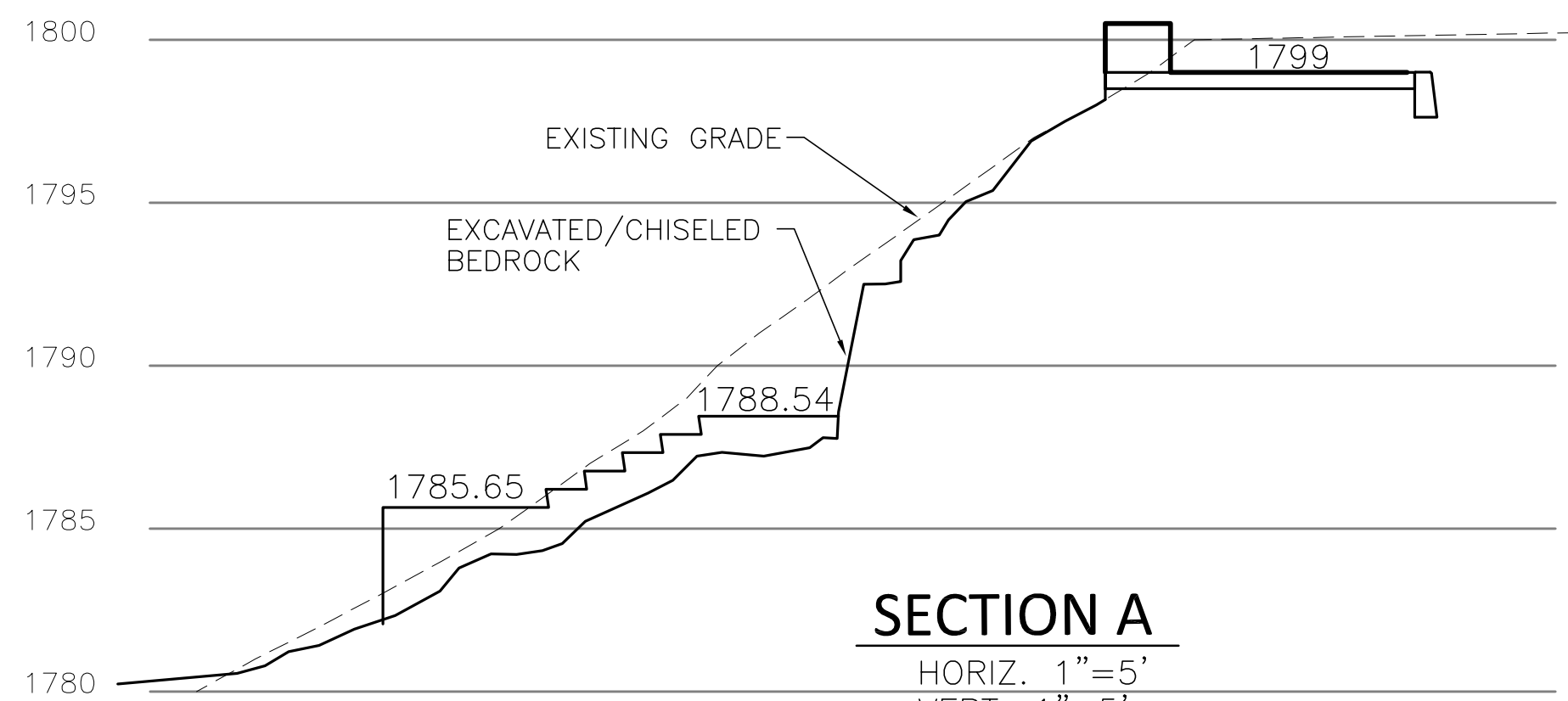
CHECKED BY: I.C.
DRAWN BY: K.H.
PLAN SCALE: 1" = 16'
DATE: 04/27/23
JOB NO.: 042723

SHEET NO.
C3
OF 6 SHES



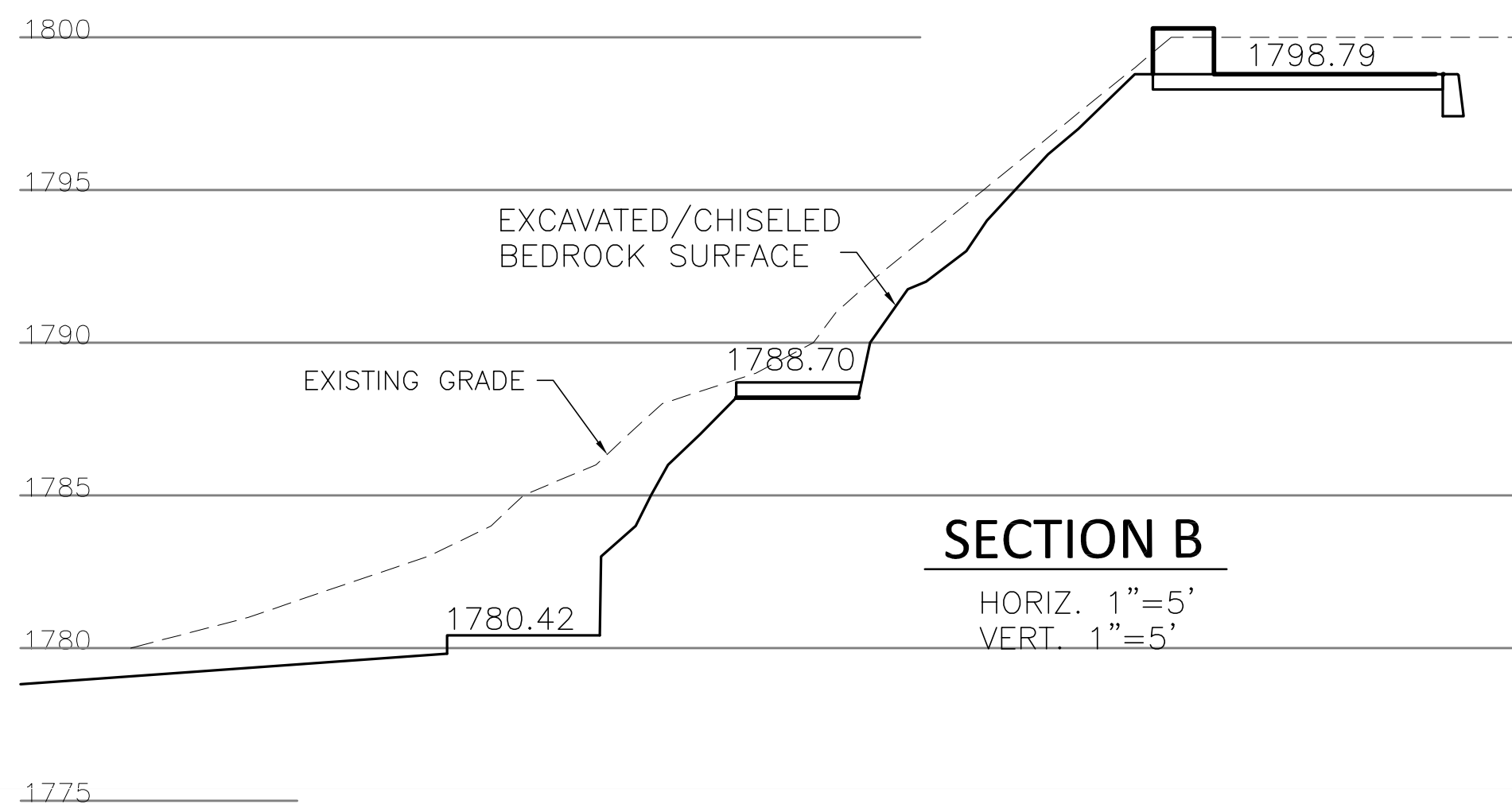
TRAIL ACCESS PROFILE NO.1

HORIZ. 1"=5'
VERT. 1"=5'



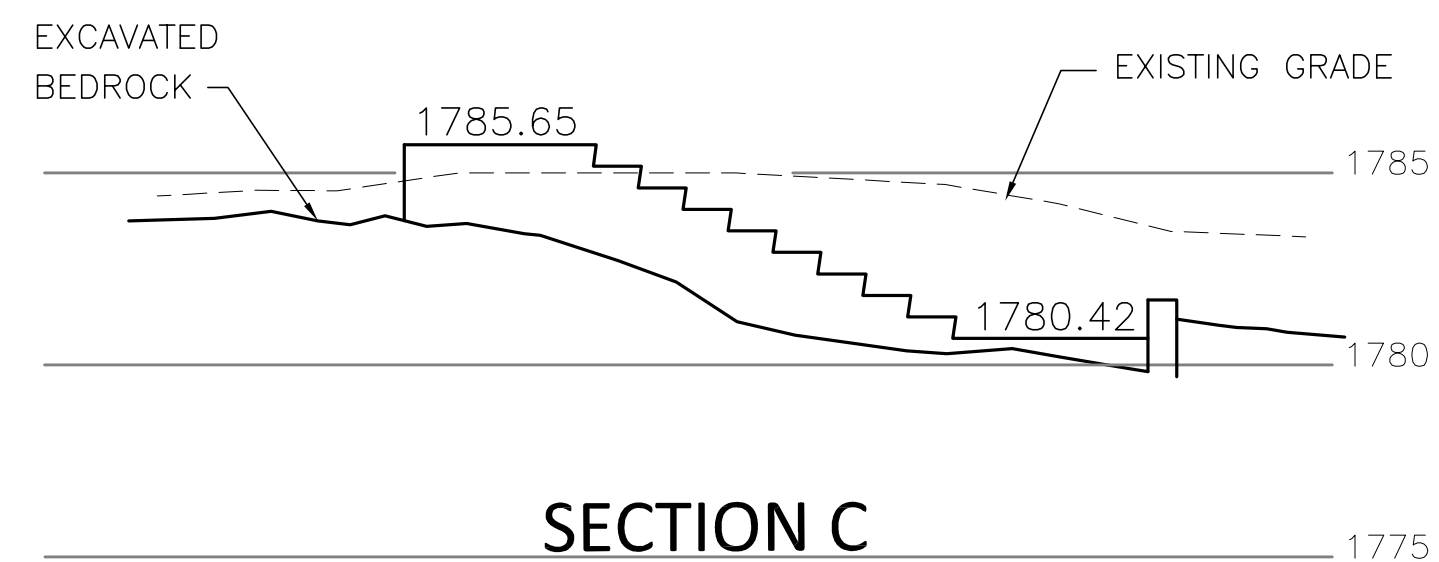
SECTION A

HORIZ. 1"=5'
VERT. 1"=5'



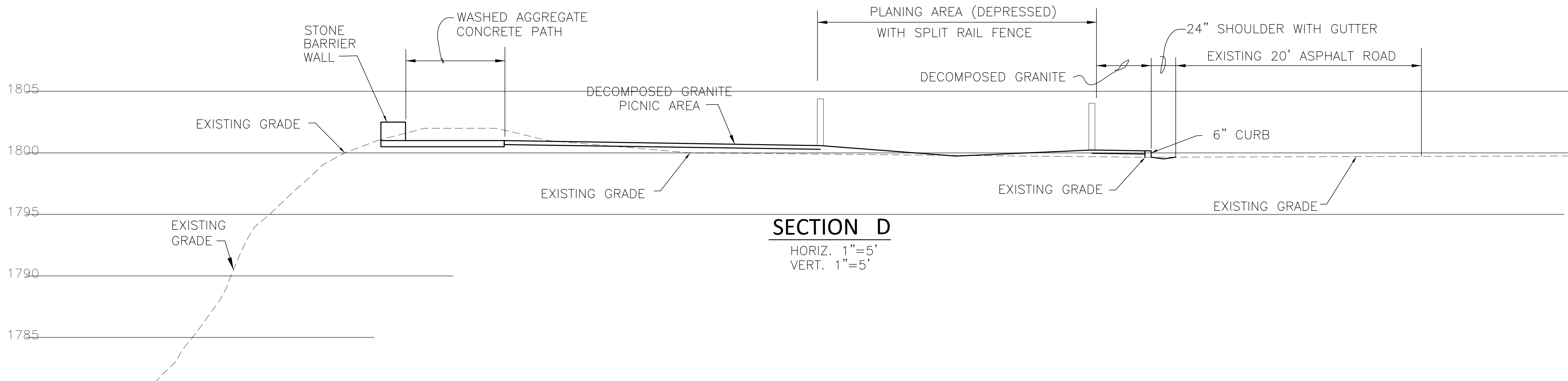
SECTION B

HORIZ. 1"=5'
VERT. 1"=5'



SECTION C

HORIZ. 1"=5'
VERT. 1"=5'



SECTION D

HORIZ. 1"=5'
VERT. 1"=5'



REVISION

NO. DATE

CALVIC ENGINEERING GROUP

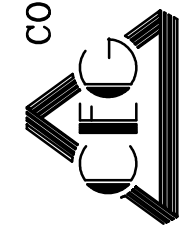
CONSULTING ENGINEERS & LAND SURVEYORS

CIVIL / STRUCTURAL / LAND SURVEYING

2160 PARNELL WAY, ALTADENA, CALIFORNIA 91001

TEL (626) 798-2828 FAX (626) 798-6844

E-MAIL: calvic@earthlink.net



SECTION AND TRAIL PROFILE #1

CHECKED BY

I.C.

DRAWN BY

K.H.

PLAN SCALE

AS SHOWN

DATE

04/27/23

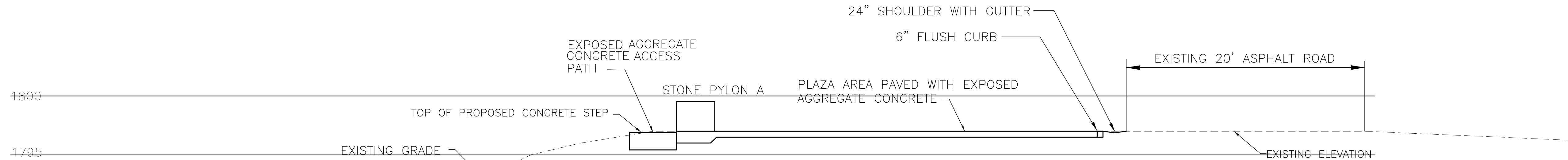
JOB NO.

042723

SHEET NO.

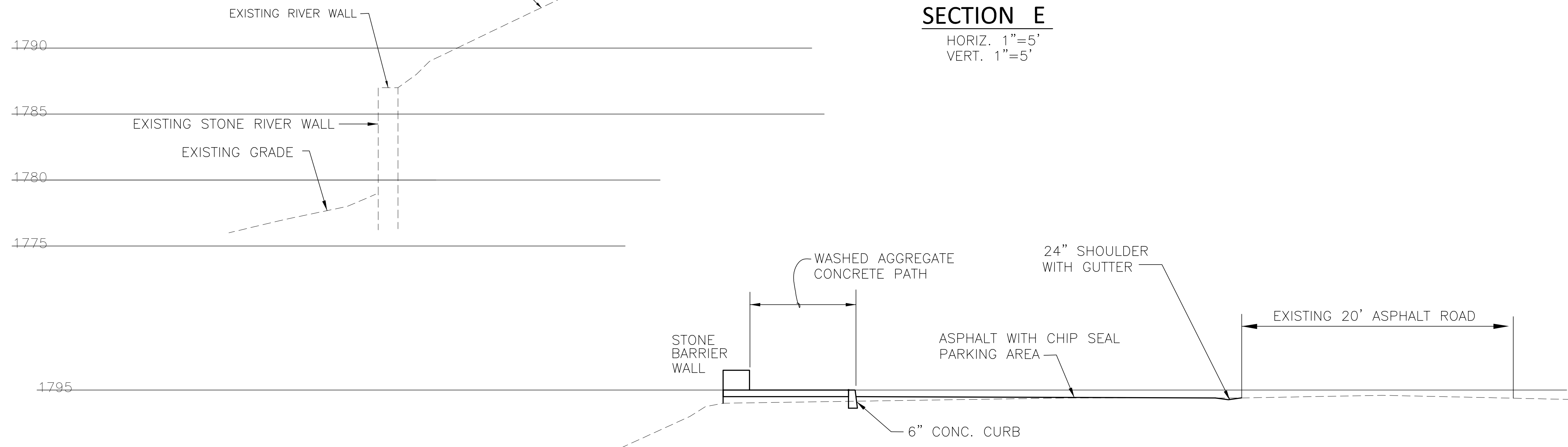
C-3.01

OF 6 SHTS



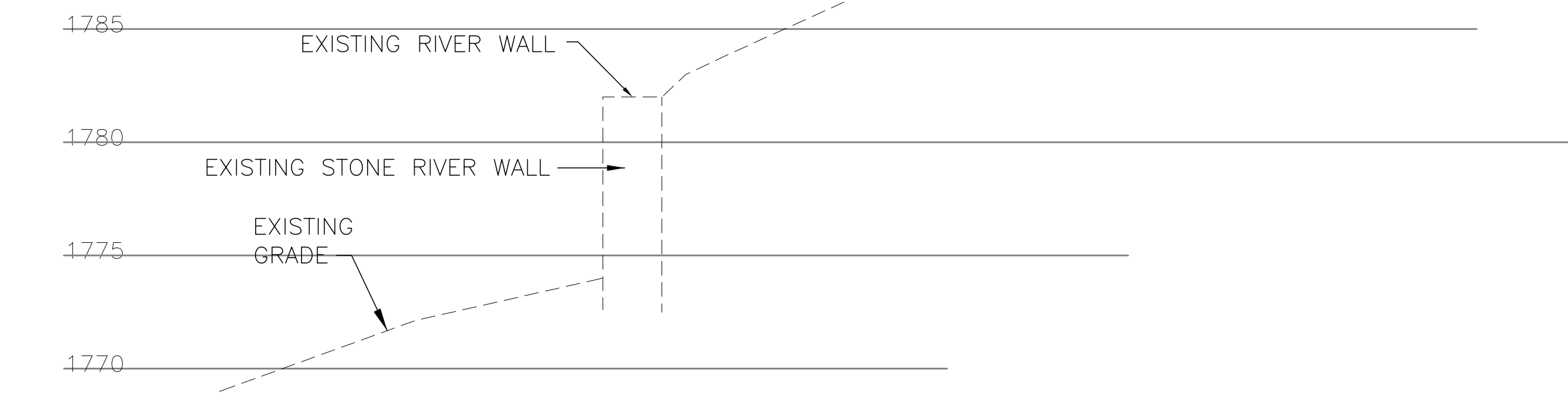
SECTION E

HORIZ. 1"=5'
VERT. 1"=5'



SECTION F

HORIZ. 1"=5'
VERT. 1"=5'

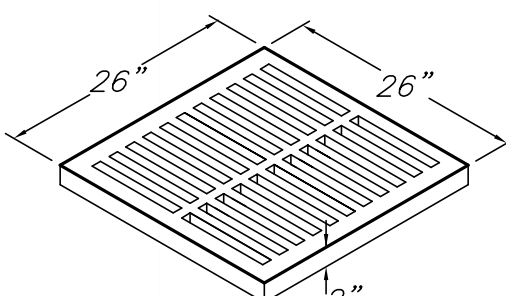


SECTION G

HORIZ. 1"=5'
VERT. 1"=5'

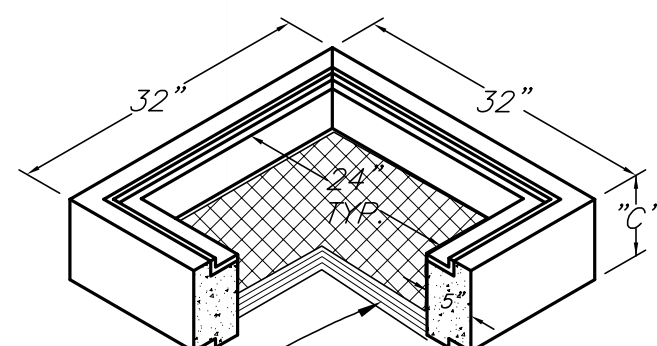
C.I. GRATE

STEEL PARKWAY GALV.
GRATE IS ALSO AVAILABLE.



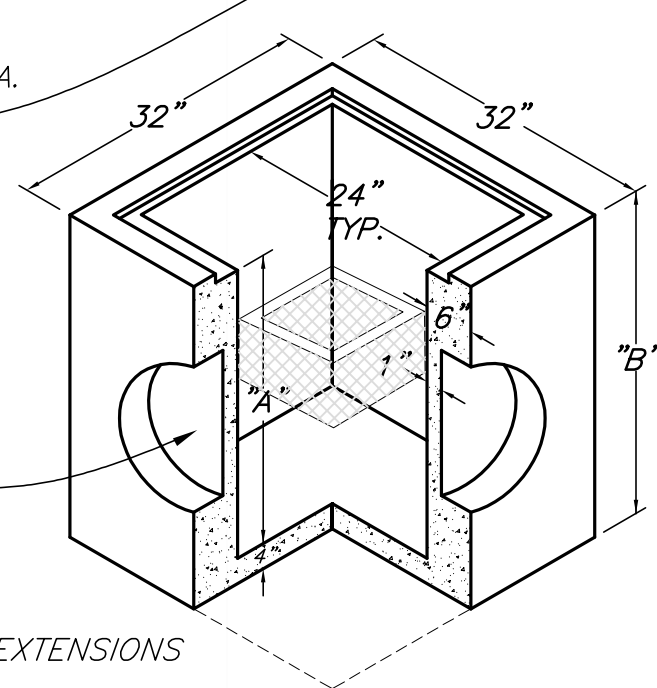
C.I. FRAME

WEIGHT - 90 LBS.



EXTENSION

WEIGHT - SEE TABLE



NOTE:

HEAVY STEEL GRATE
INSTALL FLO-GRAD CATCH BASIN FILTER INSERT
MODEL NO. FF-24D FLAT GRATED INLET
MANUFACTURE: KRISTAR ENTERPRISE, INC., SANTA ROSA, CA.
PHONE (800) 579-8819

BODY

WEIGHT - SEE TABLE

23" DIA. THIN-WALL KNOCKOUTS
TYPICAL ON ALL FOUR WALLS

NOTE:
DIFFERENT HEIGHT BODIES AND EXTENSIONS
ARE AVAILABLE ON REQUEST.

MANUFACTURER

BROOKS PRODUCTS
DRAWING NO. CB-1212
13600 S. WAYSIDE DR.
HOUSTON, TX 77048
PHONE: (713) 991-2400
FAX: (713) 991-0815

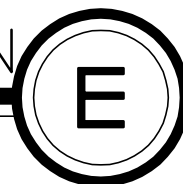
SPECIFICATIONS

CONCRETE: CONCRETE HAS A DESIGN STRENGTH
OF 5500 PSI AT 28 DAYS.
LOADING: DESIGNED FOR H-20 LOADING.
REINFORCEMENT: ASTM A-615 GRADE 60
C.I. CASTING: ASTM A 48 CLASS 30/35

BODY			EXTENSION	
A	B	WEIGHT	C	WEIGHT
30"	34"	1050 LBS.	6"	230 LBS.
36"	40"	1290 LBS.	12"	470 LBS.
42"	46"	1520 LBS.	18"	700 LBS.
48"	52"	1750 LBS.	24"	930 LBS.

BROOK 24" X 24" CATCH BASIN

NO SCALE



REVISION

DATE

NO.

CALCIVIC ENGINEERING GROUP

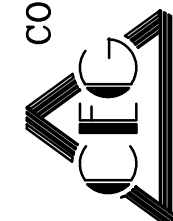
CONSULTING ENGINEERS & LAND SURVEYORS

CIVIL / STRUCTURAL / LAND SURVEYING

2160 PARNELL WAY, ALTADENA, CALIFORNIA 91001

TEL: (626) 798-2828 FAX: (626) 798-6844

E-MAIL: calcivic@earthlink.net



SECTION AND DETAILS

OAKS STAIRWAY & OVERLOOK
EAST FORK, SAN GABRIEL RIVER

CHECKED BY

I.C.

DRAWN BY

K.H.

PLAN SCALE

AS SHOWN

DATE

04/27/23

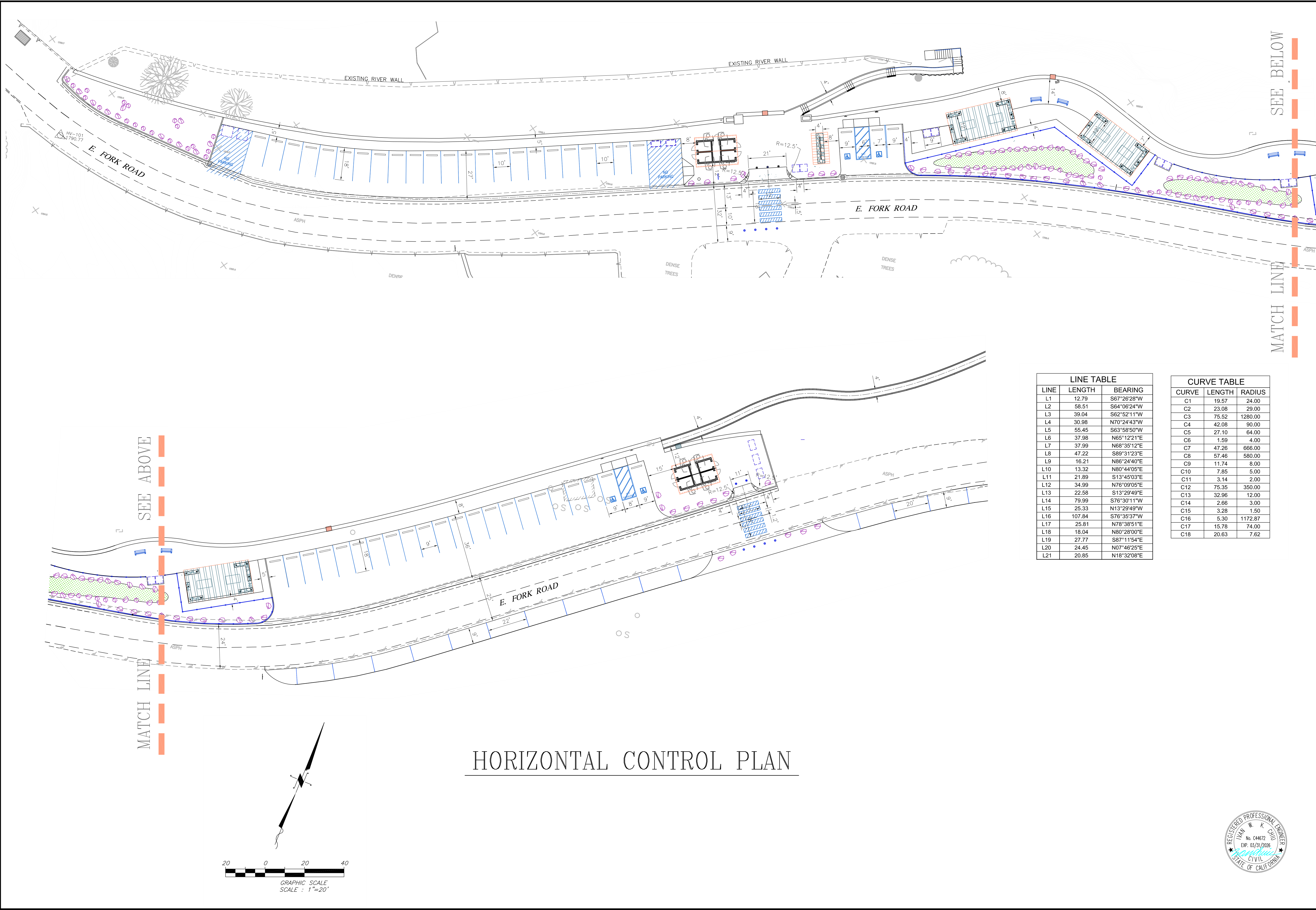
JOB NO.

042723

SHEET NO.

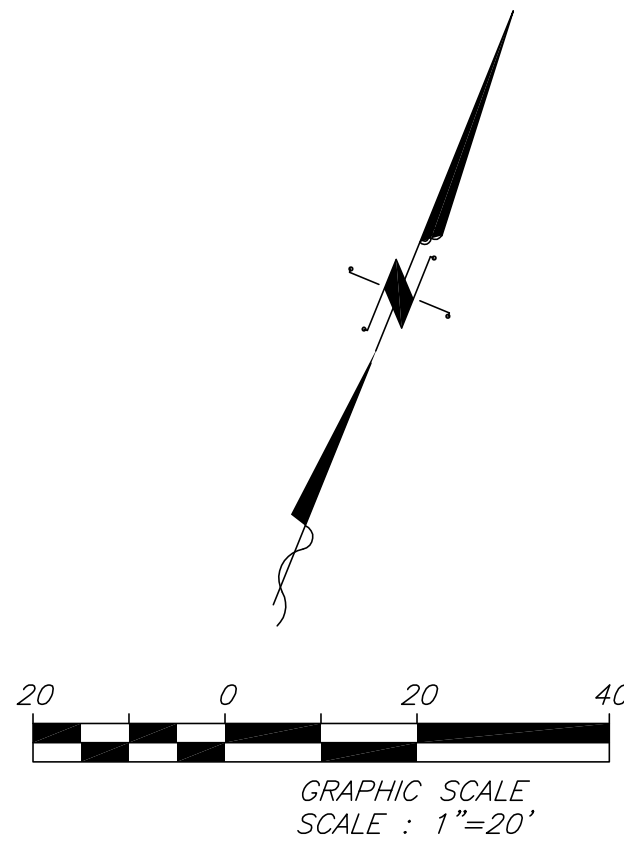
C-3.02

OF 6 SHTS



LINE TABLE		
LINE	LENGTH	BEARING
L1	12.79	S67°26'28"W
L2	58.51	S64°06'24"W
L3	39.04	S62°52'11"W
L4	30.98	N70°24'43"W
L5	55.45	S63°58'50"W
L6	37.98	N65°12'21"E
L7	37.99	N68°35'12"E
L8	47.22	S89°31'23"E
L9	16.21	N86°24'40"E
L10	13.32	N80°44'05"E
L11	21.89	S13°45'03"E
L12	34.99	N76°09'05"E
L13	22.58	S13°29'49"E
L14	79.99	S76°30'11"W
L15	25.33	N13°29'49"W
L16	107.84	S76°35'37"W
L17	25.81	N78°38'51"E
L18	18.04	N80°28'00"E
L19	27.77	S87°11'54"E
L20	24.45	N07°46'25"E
L21	20.85	N18°32'08"E

CURVE TABLE		
CURVE	LENGTH	RADIUS
C1	19.57	24.00
C2	23.08	29.00
C3	75.52	1280.00
C4	42.08	90.00
C5	27.10	64.00
C6	1.59	4.00
C7	47.26	666.00
C8	57.46	580.00
C9	11.74	8.00
C10	7.85	5.00
C11	3.14	2.00
C12	75.35	350.00
C13	32.96	12.00
C14	2.66	3.00
C15	3.28	1.50
C16	5.30	1172.87
C17	15.78	74.00
C18	20.63	7.62



HORIZONTAL CONTROL PLAN

NO.

DATE

REVISION

1

2

3

4

CALCIVIC ENGINEERING GROUP

CONSULTING ENGINEERS & LAND SURVEYORS

CIVIL / STRUCTURAL / LAND SURVEYING

2160 PARNELL WAY, ATADERA, CALIFORNIA 91001

TEL (626) 798-2828 FAX (626) 798-6844

E-MAIL: calcivc@earthlink.net

CTG

OAKS STAIRWAY & OVERLOOK

EAST FORK, SAN GABRIEL RIVER

CHECKED BY

I.C.

DRAWN BY

K.H.

PLAN SCALE

1" = 20'

DATE

04/27/23

JOB NO.

042723

SHEET NO.

C4

OF 6 SHTS

REGISTERED PROFESSIONAL ENGINEER

IVAN W. K. CHIU

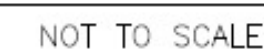
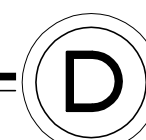
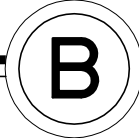
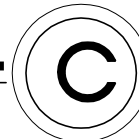
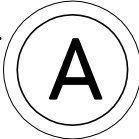
No. C44672

EXP. 03/31/2026

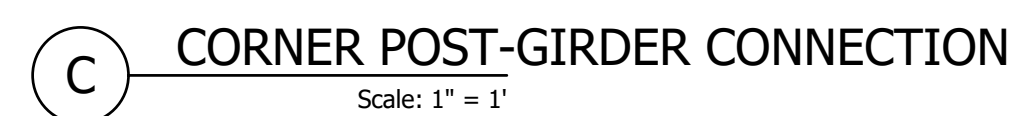
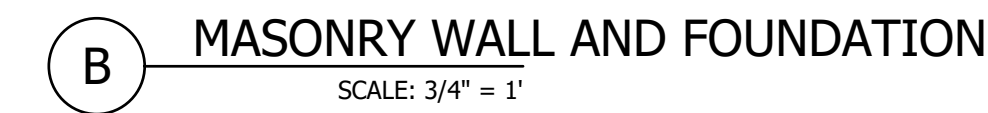
CIVIL

STATE OF CALIFORNIA

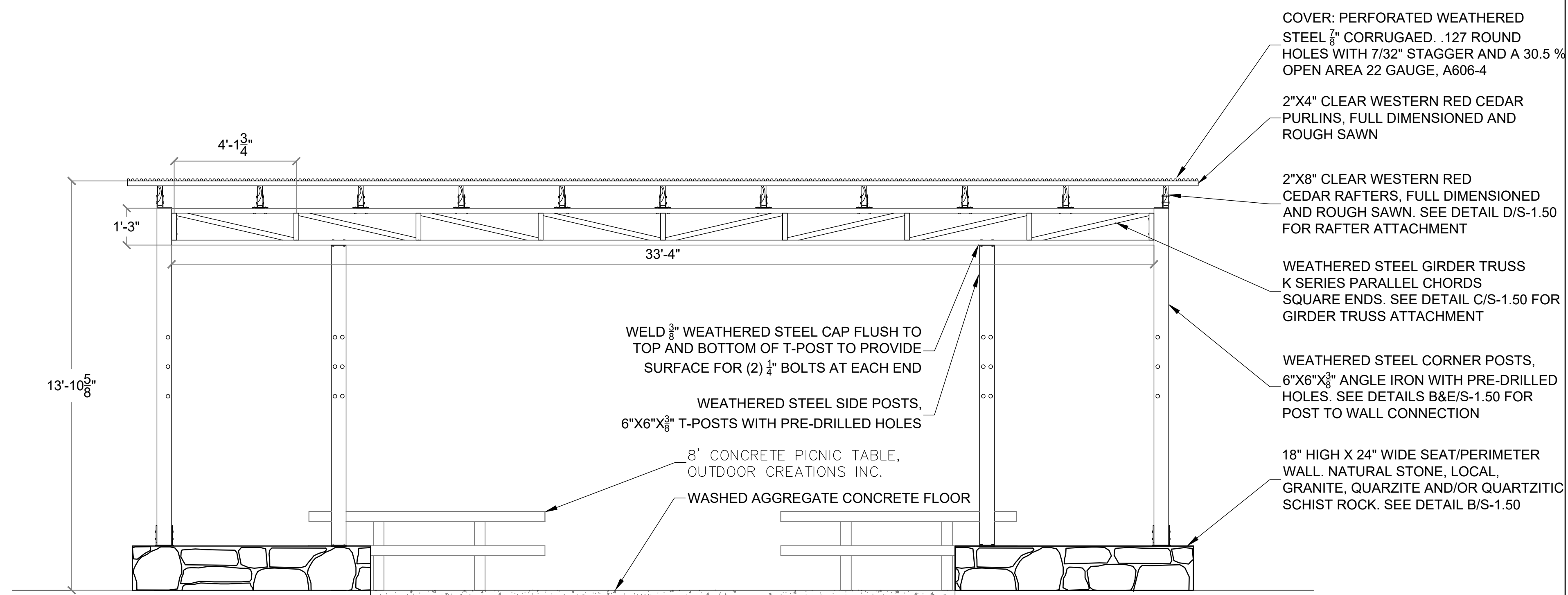
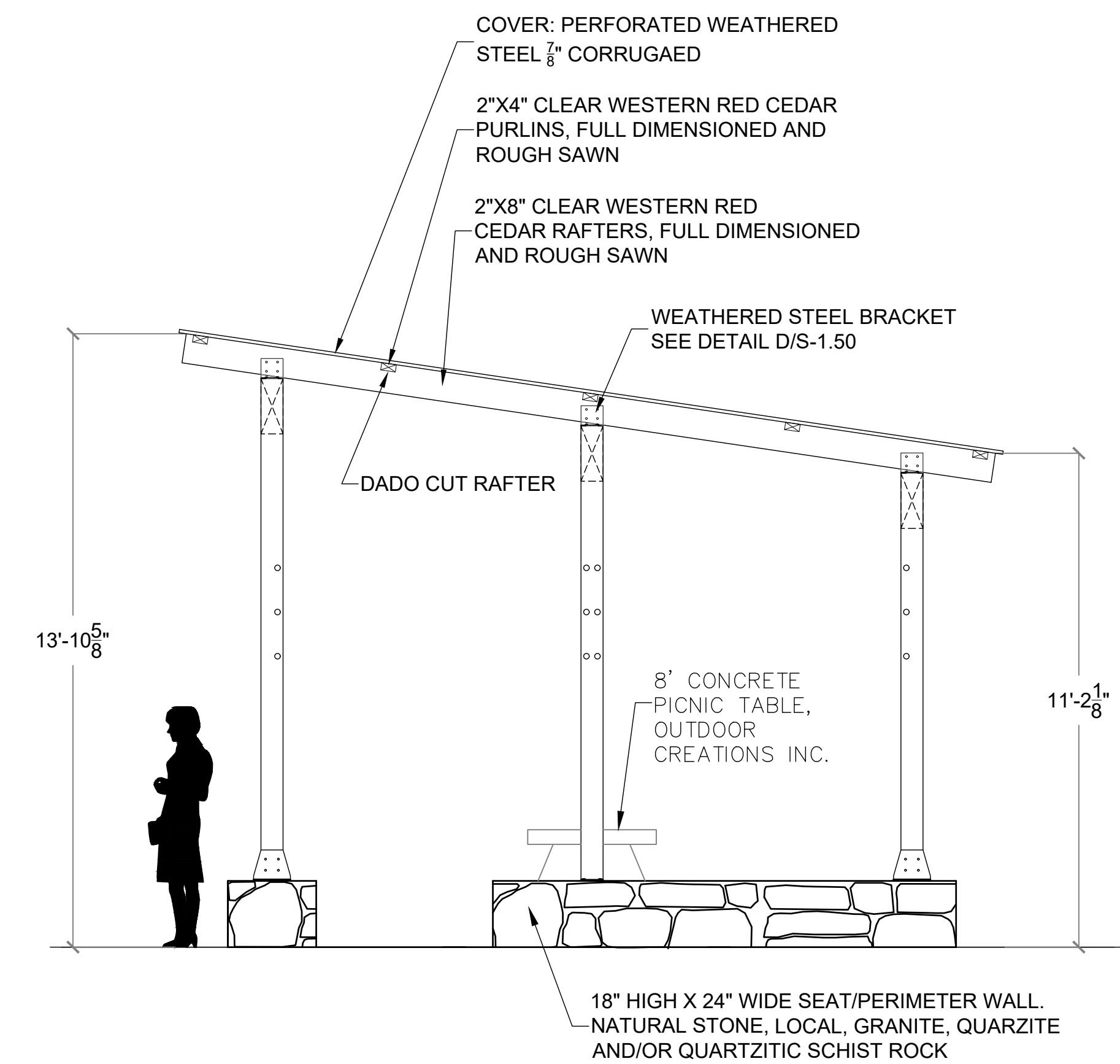
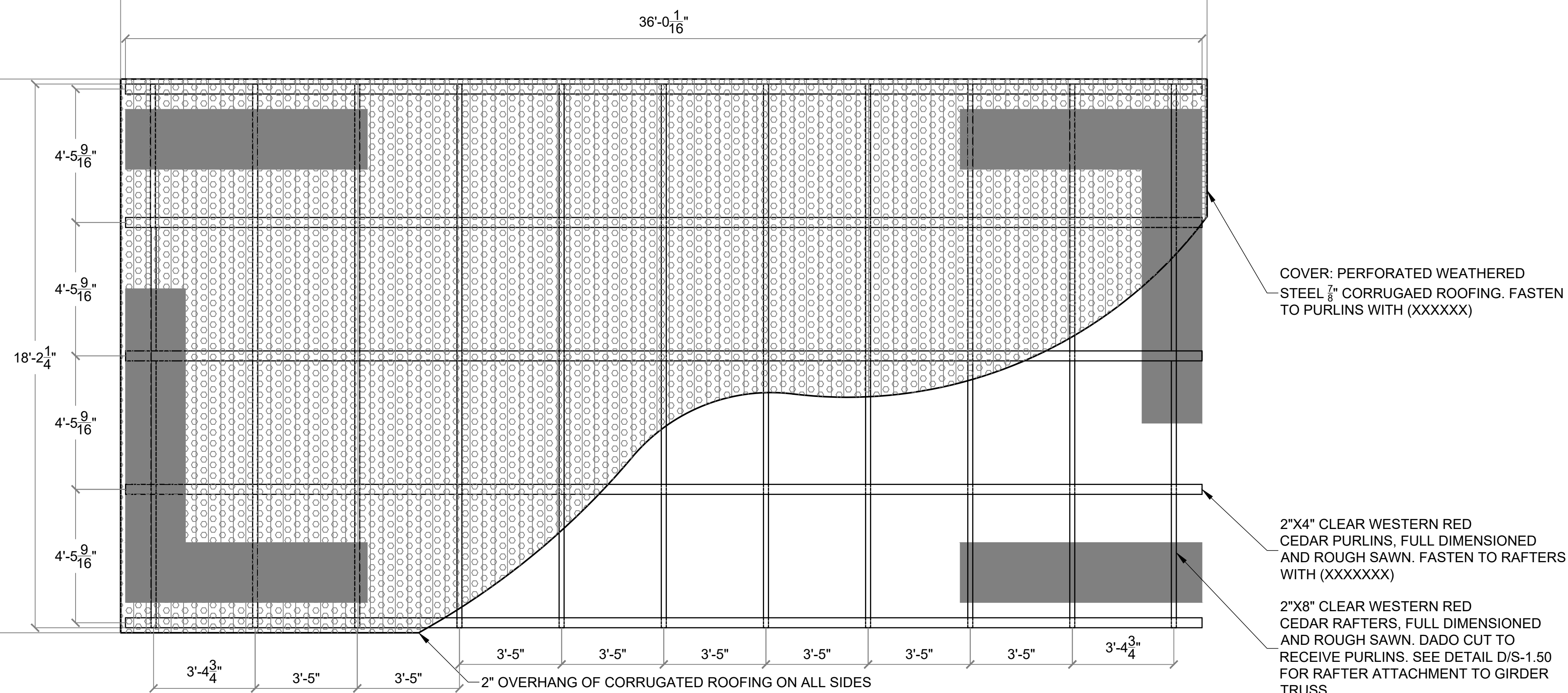
04 / 30 / 2023



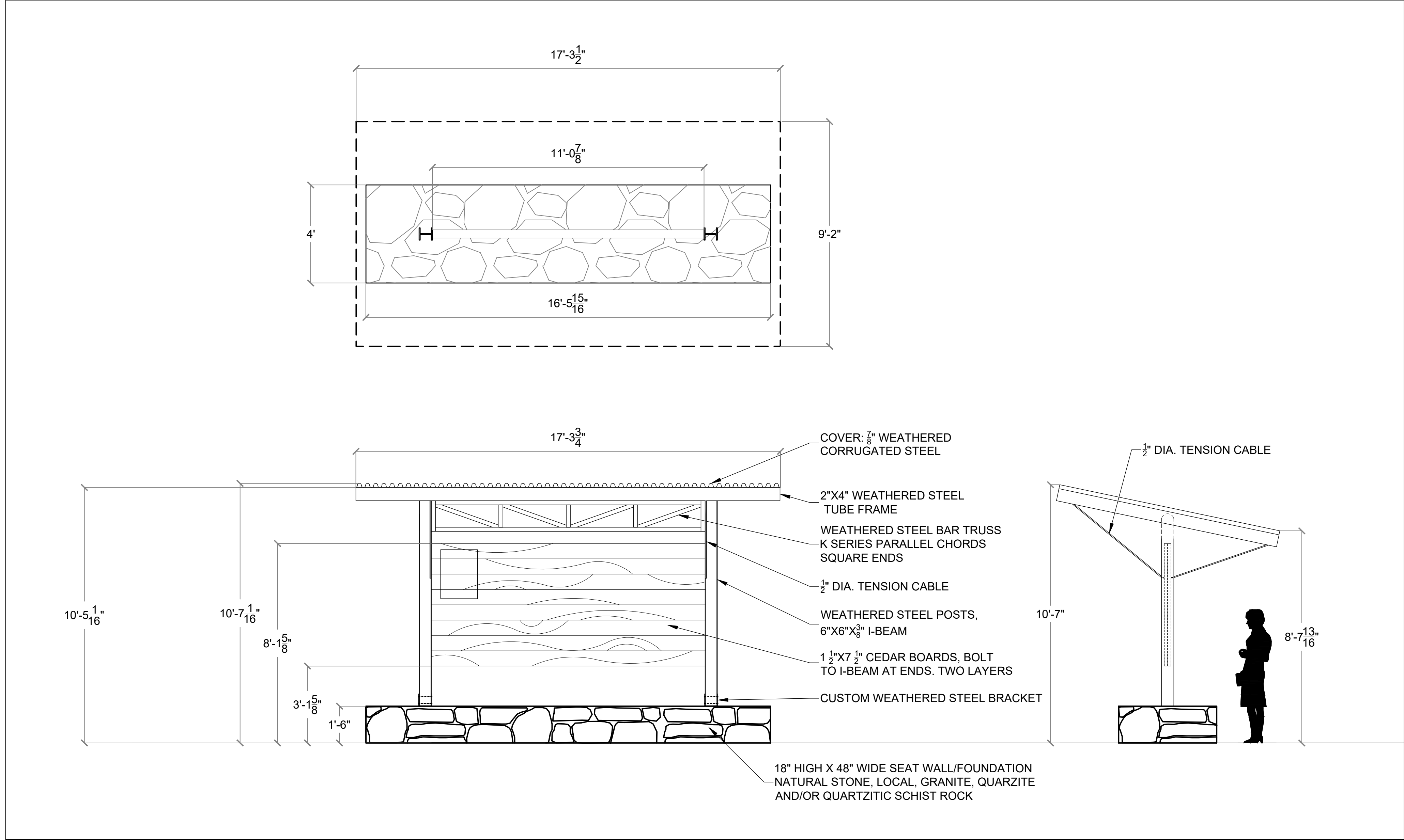
OF 8 SPTS 4



PROJECT TITLE		SHEET TITLE	
OAKS STAIRWAY & OVERLOOK		SHADE TRELLIS & KIOSK DETAILS	
EAST FORK, SAN GABRIEL RIVER			
			
DRAWN BY: KT			
CHECKED BY: LD			
PROJECT NO. OS2019			
DATE: DECEMBER 1 2025			
S-1.50			



PROJECT TITLE		SHEET TITLE		WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019		REVISIONS	DATE
 OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER		SHADE TRELLIS & KIOSK DETAILS		Lynne Dwyer Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500			
DRAWN BY:		KT					
CHECKED BY:		LD					
PROJECT NO.		OS2019					
DATE:		DECEMBER 1 2025					



REVISIONS		DATE
WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019		
Lynne Dwyer Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500		
SHADE TRELLIS & KIOSK DETAILS		
OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER		
DRAWN BY: KT		
CHECKED BY: LD		
PROJECT NO. OS2019		
DATE: DECEMBER 1 2025		
S-1.52		



1. STEEL DECKING SHALL BE BY AS INDICATED ON PLANS.
2. DECKING AND CLOSURE PLATES SHALL BE GALVANIZED STEEL SHEET OF ASTM A653 GRADE 33. GALVANIZATION SHALL COMPLY WITH ASTM A924.
3. REFER TO PLANS FOR DECK TYPE, GAGE AND WELDING.
4. DECKING SHALL BE CONTINUOUS FOR 3 SPANS MINIMUM WHEREVER POSSIBLE UNLESS NOTED OTHERWISE ON PLANS.
5. DECK CONTRACTOR SHALL PROVIDE AND WELD INTO POSITION CLOSURE PLATES AT DECK EDGES AS WELL AS NECESSARY FLASHING AROUND COLUMNS AND AT OPENINGS RESULTING FROM CHANGE OF DECK SPAN DIRECTION. REINFORCE ALL CANTILEVER DECK EDGES AS REQUIRED TO SUPPORT CONSTRUCTION LOADS.
6. WHERE DECK DOES NOT BEAR SQUARELY ON SUPPORTING MEMBER, PROVIDE SHIM PLATE OR WELD WASHER AS REQUIRED TO PLACE THE FASTENERS.
7. WHEN DECK SHEETS RUN PARALLEL TO A BUILDING PERIMETER THE FIRST SHEET ALONG THAT PERIMETER SHALL BE A FULL-WIDTH SHEET.

1. ALL CONCRETE WORK SHALL CONFORM TO ACI STANDARD 318 FOR REINFORCED CONCRETE AND CBC CHAPTER 19A.
2. DESIGN MIXES SHALL BE PER ACI 318 26.4.2.
3. CONCRETE SHALL BE NORMAL WEIGHT CONCRETE WITH AN ULTIMATE 28-DAY COMPRESSIVE STRENGTH OF AT LEAST 3,000 PSI AND SHALL BE MADE WITH TYPE I OR II CEMENT
4. ALL CONCRETE SHALL BE MADE TO WITHSTAND DEGRADATION FROM EXPOSURE IN ACCORDANCE WITH 2016 CBC CHAPTER 1904A AND ACI 318.14 CHAPTER 19.3. MIX DESIGNS PREPARED SHALL STATE THE COMPLIANCE WITH THE CLASS AS REQUIRED BY THE TABLE BELOW.

5. TOLERANCES FOR CONCRETE WORK AND PLACEMENT OF BARS SHALL BE IN ACCORDANCE WITH ACI 117.
6. KEY AND DOWEL POUR JOINTS AS SHOWN ON THE STRUCTURAL DRAWINGS ONLY UNLESS NOTED OTHERWISE.
7. SET SCREEDS TO COMPENSATE FOR FORM AND SUPPORT SETTLEMENT.
8. NO PIPES, DUCTS OR CONDUITS SHALL BE EMBEDDED IN STRUCTURAL MEMBERS EXCEPT AS SHOWN ON THE STRUCTURAL DRAWINGS.
9. PROVIDE CONSTRUCTION JOINTS ONLY WHERE INDICATED ON THE DRAWINGS. ADDITIONAL CONSTRUCTION JOINTS MAY BE APPROVED IF PLANS AND DETAILS ARE SUBMITTED BY THE CONTRACTOR TO THE ARCHITECT FOR APPROVAL.
10. REFER TO SPECIFICATIONS SECTION 03 3000 FOR TOLERANCES, FLOOR FLATNESS AND LEVELNESS.

1. ALL REINFORCING BARS SHALL CONFORM TO ACI 318-14 20.2 AND ASTM A615 GRADE 60.
2. WELDED WIRE FABRIC SHALL CONFORM TO ACI 318-14 5.3, 5.3.5.6, 3.5.3.7 AND ASTM A153.
3. ALL REINFORCING SHALL BE ACCURATELY PLACED AND FIRMLY SUPPORTED AS REQUIRED BY THE ACI STANDARDS. REINFORCING SHALL HAVE THE FOLLOWING MINIMUM COVERAGE AND SHALL BE PLACED AS NEAR TO THE CONCRETE SURFACE AS THESE MINIMUMS WILL PERMIT UNLESS NOTED OR DETAILED OTHERWISE.

CONCRETE POURING AGAINST EARTH	3"
FORMED CONCRETE IN CONTACT WITH EARTH OR WEATHER	2"
SLABS, WALLS, JOISTS	3/4"
4. SPLICED BARS AS SHOWN ON STRUCTURAL DRAWINGS ONLY. REFER TO TYPICAL DETAILS FOR MINIMUM LAP LENGTH.
5. BARS INTERRUPTED BY STRUCTURAL STEEL SHALL EXTEND TO WITHIN 1" OF THE STRUCTURAL STEEL FLANGE OR WEB AND HAVE A 90 DEGREE HOOK UNLESS NOTED OTHERWISE.
6. REINFORCING BARS SHALL NOT BE WELDED EXCEPT WHERE SHOWN ON THE DRAWINGS. WHERE REINFORCING BARS ARE INDICATED TO BE WELDED THEY SHALL BE OF WELDABLE MATERIAL ASTM A706 AND WELDED PER AWS D1.4. WELDING RODS SHALL BE LOW HYDROGEN E-90 ELECTRODES.

1. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC SPECIFICATIONS AND CHAPTER 22A OF THE CBC.
2. FABRICATOR SHALL BE LICENSED BY THE LOCAL BUILDING DEPARTMENT FOR THE WORK INDICATED.
3. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36 EXCEPT AS FOLLOWS:
WIDE FLANGE SHAPES CORETEN STEEL ASTM A588 (Fy=50 ksi)
HOLLOW STRUCTURAL SECTIONS (HSS):
SQUARE AND RECTANGULAR CORETEN STEEL ASTM A588 (Fy=50 ksi)
PLATES AND BARS CORETEN STEEL (ASTM A588 (Fy=50 ksi)
4. FABRICATOR SHALL VERIFY ALL DIMENSIONS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
5. FABRICATE BEAM ELEMENTS WITH NATURAL CAMBER UP.
6. ALL BOLTS SHALL BE ASTM F3125 GROUP A (A325-N) HIGH STRENGTH (H.S.) BOLTS INSTALLED AND TESTED IN ACCORDANCE WITH CBC 2213A.1. ANCHOR RODS AND BOLTS INTO CONCRETE OR MASONRY SHALL CONFORM TO ASTM F-1554. MACHINE BOLTS (M.B.) WHERE SPECIFIED, SHALL CONFORM TO ASTM A307. BOLTS HOLES SHALL BE NO MORE THAN 1/16 INCH GREATER THAN THE BOLT DIAMETER, EXCEPT BASE PLATE ANCHOR BOLT HOLES MAY BE DRILLED TO A DIAMETER NOT TO EXCEED THOSE LISTED IN AISC SPECIFICATIONS TABLE J3.3 FOR 'OVERSIZED' HOLES. WHERE HOLE SIZE IS EXCEEDED PROVIDE A 1/4"x3"x3" WELD WASHER WITH 1/4" FILLET WELD ALL AROUND.
7. WELDING SHALL CONFORM TO THE LATEST EDITION OF AWS D1.1 SPECIFICATIONS AND CBC CHAPTER 22A. WELDING ELECTRODES SHALL BE E-70XX. WELDERS SHALL BE CERTIFIED.
8. WELD SIZES INDICATED ARE MINIMUM REQUIRED FOR STRESS, CHECK WITH AISC SPECIFICATIONS TABLE J2.4 FOR OTHER REQUIREMENTS.
9. ALL BASE PLATES BEARING ON CONCRETE OR MASONRY SHALL BEAR ON MINIMUM 1.5 INCHES OF NON-METALLIC NON-SHRINK GROUT CONFORMING TO ASTM C1107 WITH A MINIMUM COMPRESSIVE STRENGTH OF 6,000 PSI. THE GROUT SHALL BE POURED TO AT LEAST 1/16 INCH ABOVE THE BOTTOM OF BASE PLATE SURFACE.
10. ALL STRUCTURAL STEEL BELOW GRADE OR OTHERWISE ADJACENT TO EARTH OR GRAVEL SHALL HAVE A MINIMUM OF 4" CONCRETE COVER REINFORCED WITH MINIMUM #3 BARS AT 12" OC

1. BOLTS AND TREADED RODS ARE ASTM F-1554 GRADE 36 (UNO), BARS AND PLATES ARE ASTM A572 GRADE 50 MATERIAL.
2. NUTS AND WASHERS SHALL COMPLY WITH ASTM A563 AND F436, RESPECTIVELY. MATERIAL GRADE SHALL BE COMPATIBLE WITH ANCHOR MATERIAL.
3. PROVIDE BOLT GRIP AND PROJECTION AS REQUIRED.

1. THE STRUCTURAL DRAWINGS SHOW THE BASIC STRUCTURAL FRAME ONLY. REFER TO LANDSCAPE DRAWINGS AND OTHER CONTRACT DOCUMENTS FOR ITEMS NOT SHOWN SUCH AS NON-STRUCTURAL WALLS, CURBS, CEILINGS, FINISHES, SLAB DEPRESSIONS, WALL CHASES ETC., AS WELL AS DIMENSIONS AND ELEVATIONS NOT NOTED. WHERE SUCH ITEMS APPEAR ON THE STRUCTURAL DRAWINGS THE INTENT IS ONLY TO ALERT THE CONTRACTOR TO COORDINATE WITH OTHER DOCUMENTS.
2. REFER TO LANDSCAPE DRAWINGS AND OTHER CONTRACT DOCUMENTS FOR LOCATION AND DIMENSIONS OF ALL OPENINGS AND PENETRATION FOR MECHANICAL, ELECTRICAL AND PLUMBING TRADES THROUGH WALLS, FLOORS, AND ROOFS. FRAME OR REINFORCE OPENINGS PER THE TYPICAL DETAILS.
3. RESOLVE ANY CONFLICTS ON THE CONTRACT DOCUMENTS WITH THE LANDSCAPE BEFORE PROCEEDING WITH WORK.
4. TYPICAL DETAILS AND GENERAL NOTES ON SHEETS S-101 TO S-102 APPLY TO ALL PARTS OF THE JOB EXCEPT WHERE DETAILED OR NOTED OTHERWISE. EACH TYPICAL DETAIL HAS A UNIQUE NAME (W1, S1, ETC) AND ARE REFERENCED BY THEIR NAME ONLY WITHOUT REFERENCING DRAWING SHEET NUMBER.
5. VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB.

1. ALL WORK SHALL COMPLY WITH THE 2016 CALIFORNIA BUILDING CODE (CBC) WHICH CONSISTS OF THE 2015 INTERNATIONAL BUILDING CODE AND THE CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24 PART 2 AMENDMENTS.

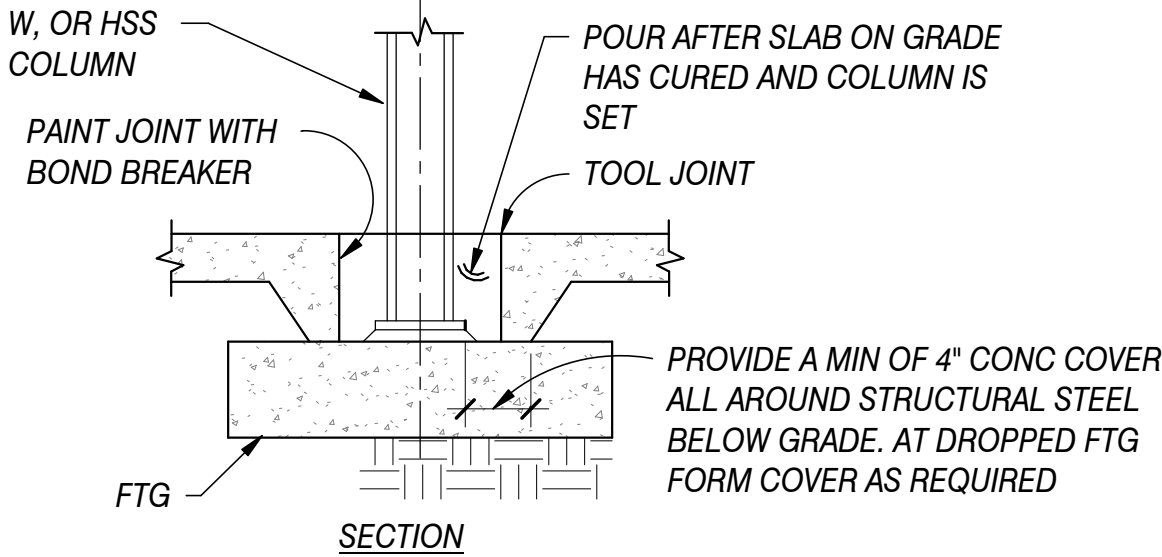
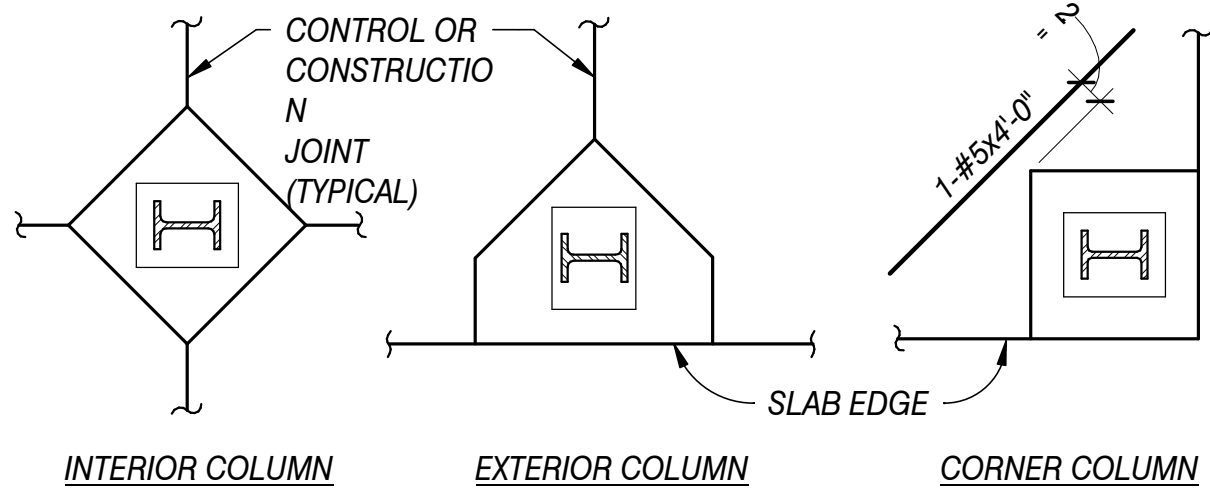
1. WIND SPEED (ASCE 7-10 CHAPTER 29): $V_{ult} = 115$ MPH
RISK CATEGORY (TABLE 1.5-1): II
EXPOSURE: C
2. EARTHQUAKE PARAMETERS (PER GEOTECHNICAL REPORT):
LATITUDE: 34.2299 N, LONGITUDE: 117.7780 W
SITE CLASS: B
SPECTRAL ACCELERATIONS
 $S_s = 2.834$
 $S_1 = 0.976$
SITE CLASS COEFFICIENT
 $F_a = 1.0$
 $F_v = 1.0$
DESIGN SPECTRAL ACCELERATIONS
 $S_{DS} = 1.889$
 $S_{D1} = 0.651$
3. SEISMIC BUILDING:
SEISMIC DESIGN CATEGORY:
RESPONSE MODIFICATION FACTOR
RESPONSE MODIFICATION FACTOR
IMPORTANCE FACTOR
OVERSTRENGTH FACTOR
 $C_s = 0.945$
 $R = 2.0$
 $I = 1.0$
 $\Omega = 2.0$
 $C_d = 2.0$

1. REFER TO GEOTECHNICAL REPORT BY:
 - * GEOTEK, INC., PROJECT NO. 2209-CR, DATED: OCTOBER 11, 2016
 - * LIMITED SUPPLEMENTAL GEOTECHNICAL EVALUATION, PROJECT NO. 2209-CR, DATED: SEPTEMBER 11, 2019 AND ADDENDUM DATED OCTOBER 22, 2019
 - * ADDENDUM TO LIMITED SUPPLEMENT GEOTECHNICAL EVALUATION, PROJECT NO. 2209-CR, DATED: OCTOBER 22, 2019
2. SOIL TYPE IS BEDROCK.
3. DESIGN ALLOWABLE SOIL PRESSURE IS PER THE FOLLOWING TABLE:

* ONE THIRD INCREASE OF ALLOWABLE SOIL PRESSURE IS ALLOWED FOR LOAD COMBINATIONS INCLUDING WIND OR SEISMIC LOADS.

4. FOOTINGS SHALL BEAR ON COMPACTED SOIL OR BEDROCK AND SHALL EXTEND AT LEAST 1'-0" BELOW FINISH GRADE OR FLOOR LINE, WHICHEVER IS LOWER.
5. REFER TO CIVIL DRAWINGS AND SOIL REPORT FOR EXCAVATIONS, GRADING AND COMPACTED FILL REQUIREMENTS.
6. FOUNDATIONS SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER JUST PRIOR TO POURING CONCRETE, ENSURING THAT THEY ARE INTO SATISFACTORY SOIL, ARE OF PROPER DIMENSIONS AND ARE CLEAN AND FREE OF LOOSE SOIL.

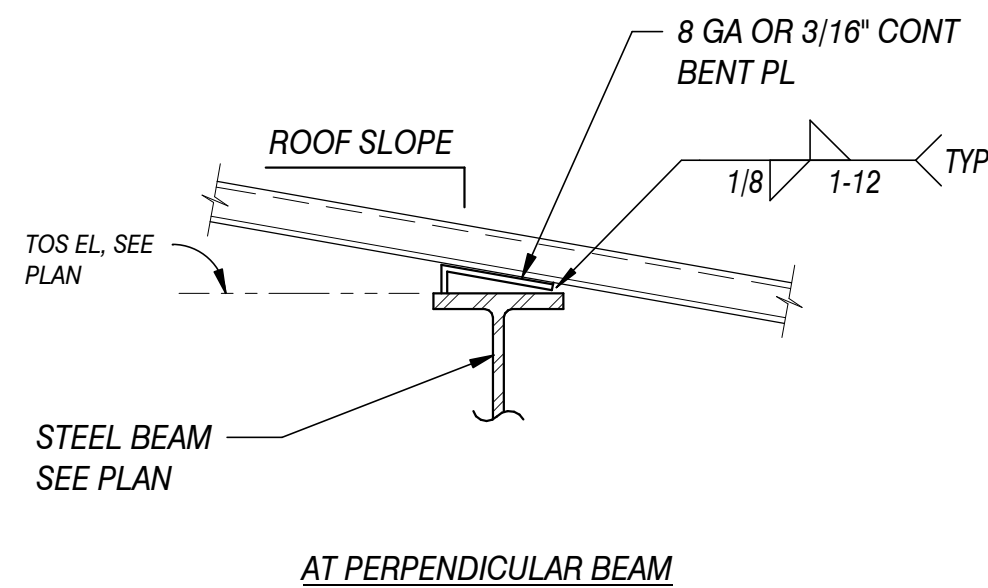
[illegible]



NOTE:
POCKET DIMENSIONS SHALL BE AS REQUIRED TO FIT THE COLUMN BASE PLATE AND BRACING WHERE OCCURS

SLAB ON GRADE JOINTING AT STEEL COLUMN

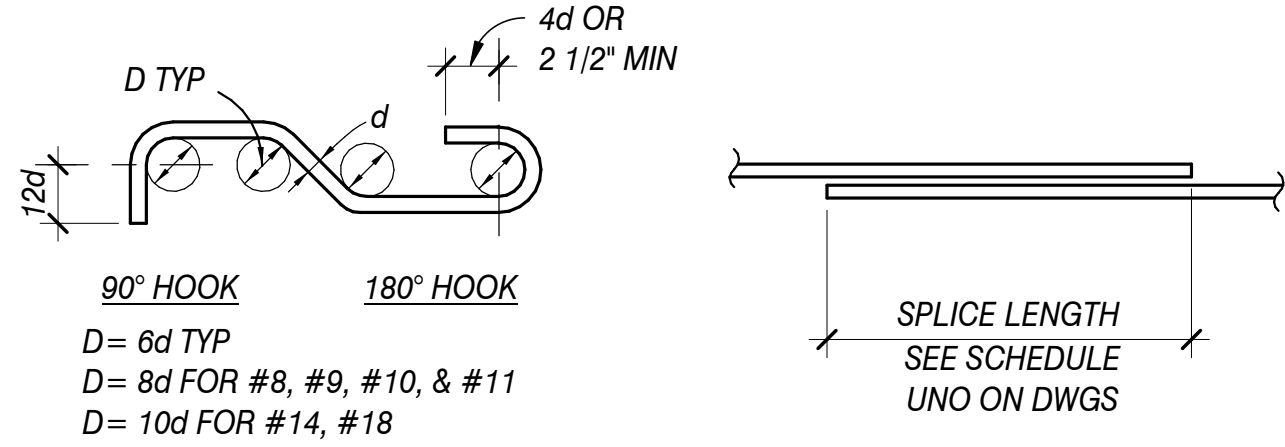
SG2



NOTE:
USE BENT PLATE WHEN DECK SLOPE RELATIVE TO ROOF BEAM FLANGE IS GREATER THAN 1/2:12.

TYPICAL DETAIL FOR LEVEL BEARING OF STEEL DECK

SD9



NOTES:

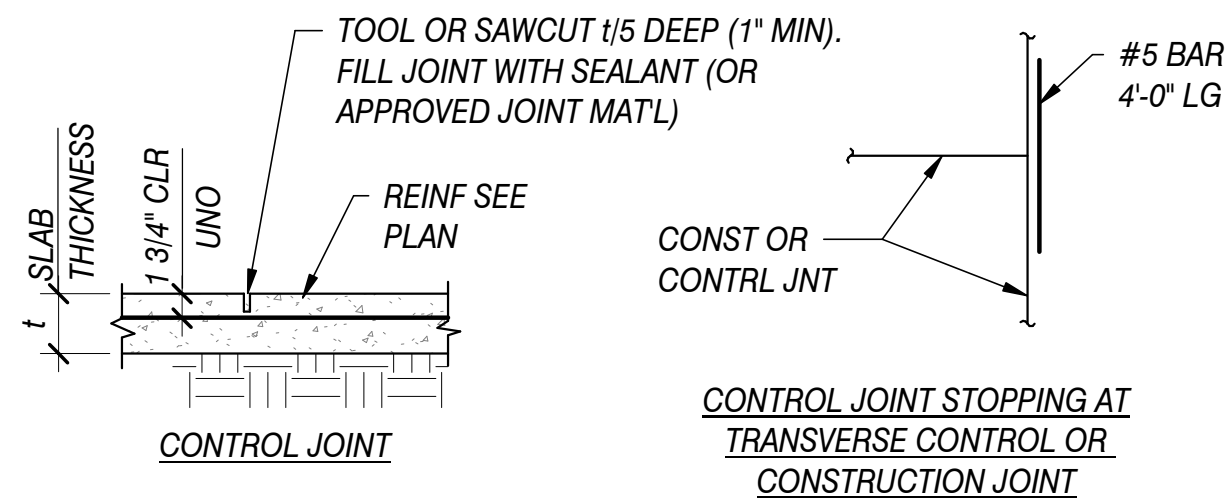
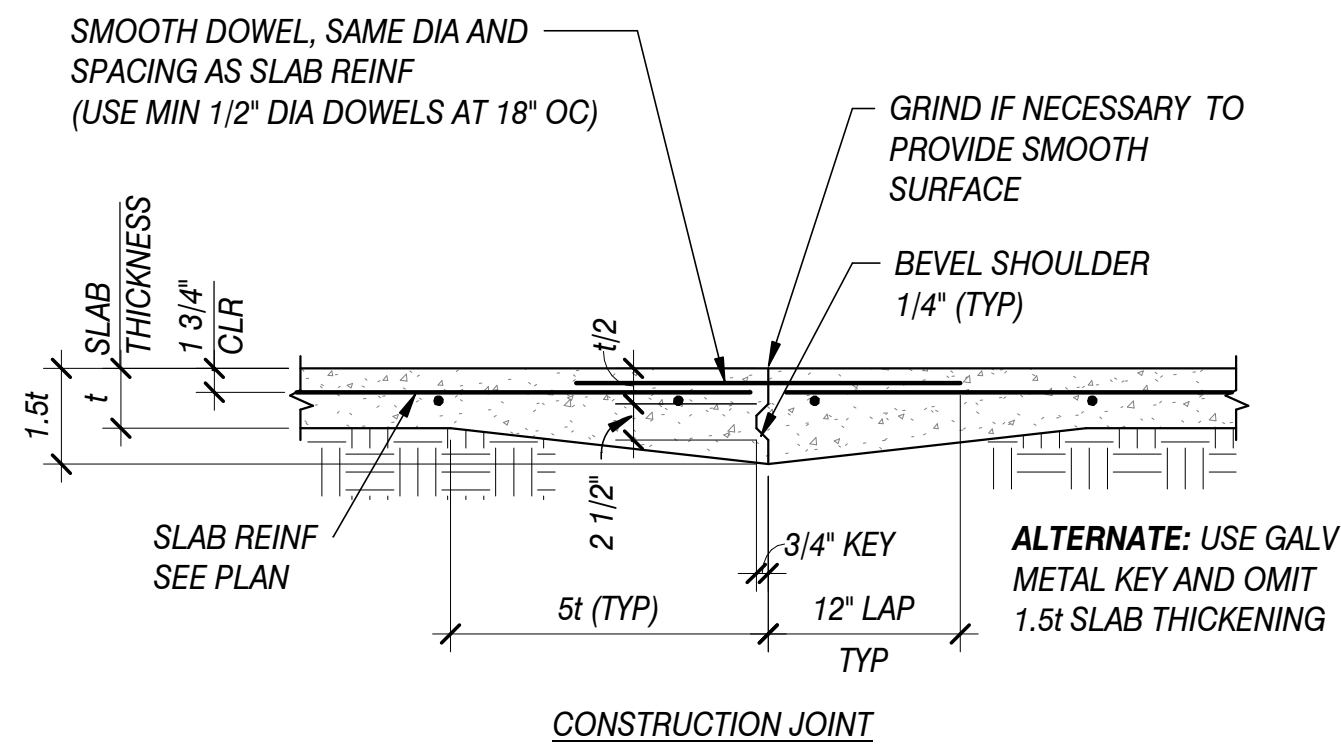
- SPLICED BARS SHALL BE WIRED TOGETHER IN CONTACT. MAINTAIN LAPPED BARS IN SAME PLANE WITH RESPECT TO CONC SURFACE.
- BARS IN NON-CONTACT LAP SPLICES SHALL BE SPACED NO FARTHER THAN 1/5 OF THE SPLICE LENGTH NOR 6 INCHES.
- THE CLEAR DISTANCE BETWEEN BARS, INCLUDING BARS IN NON-CONTACT SPLICES & BARS ADJACENT TO SPLICES SHALL NOT BE LESS THAN 1.5 TIMES THE BAR DIAMETER NOR 1 1/2".
- SPLICES ALLOWED ONLY WHERE INDICATED ON DRAWINGS.
- TABLE IS PER ACI SECTION 12.2.2 FOR NORMAL WEIGHT CONCRETE IN CLASS-A SPLICES. LONGER LAPS MAY BE REQUIRED BY OTHER DETAILS.
- INCREASE SCHEDULED LENGTHS BY 30% FOR BARS WITH MORE THAN 12 INCHES OF CONCRETE POUR BELOW (TOP BARS).
- INCREASE SCHEDULED LENGTHS BY 33% FOR BARS IN LIGHTWEIGHT CONCRETE.
- FOR MASONRY CONSTRUCTION USE A MINIMUM SPLICE LENGTH OF 48 BAR DIAMETERS EXCEPT USE 72 BAR DIAMETERS FOR ALL WALLS END, CORNER AND JAMB BARS.
- MECHANICAL REBAR SPLICES MAY BE USED WITH WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER. USE DAYTON SUPERIOR BAR-LOCK COUPLERS PER ICC ESR-2495 OR SIMILAR PRODUCTS HAVING ICC APPROVAL MAY BE USED. SPECIAL INSPECTION IS REQUIRED.

MIN BAR SPLICE AND DEVELOPMENT LENGTHS (IN INCHES)

GRADE 60 BAR	CONCRETE STRENGTH			MASONRY	
	3.0 KSI	4.0 KSI	5.0 KSI	(48dia)	(72dia)
# 3	25	21	19	18	27
# 4	33	29	26	24	36
# 5	41	36	32	30	45
# 6	50	43	38	36	54
# 7	72	62	56	42	63
# 8	82	71	64	48	72
# 9	92	80	72	54	81
# 10	104	90	81	---	---
# 11	116	100	90	---	---
# 14	139	120	108	---	---
# 18	185	160	144	---	---

TYPICAL REINFORCING BAR DETAILS

R1

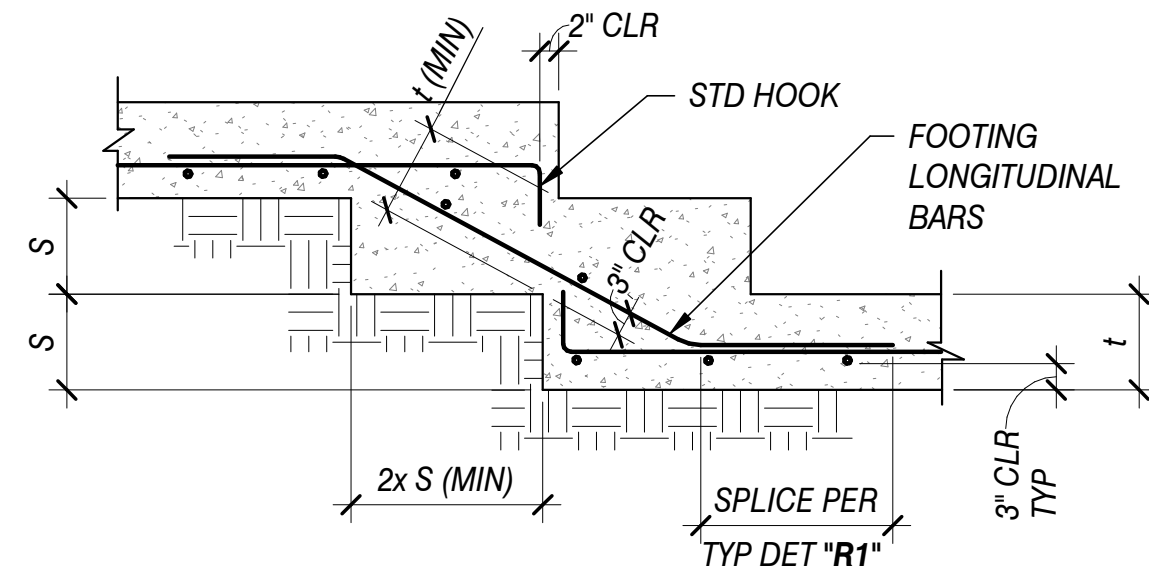


NOTES:

- UNO ON PLAN PROVIDE CONTROL OR CONSTRUCTION JOINTS TO DIVIDE SLAB INTO APPROXIMATELY 20x20' SECTIONS WITHOUT RE-ENTRANT CORNER. WHERE JOINTS ARE NOT SHOWN ON PLANS SUBMIT SHOP DWGS INDICATING ALL JOINTS FOR APPROVAL.
- COORDINATE JOINTS WITH COLUMN CENTER LINES, REFER TO TYP DETAILS FOR JOINTING AT COLUMNS.
- SAWCUTTING OF CONTROL JOINT SHALL BE COMPLETED WITHIN 24 HOURS OF THE CONCRETE POUR.
- FOR SIZE AND SPACING OF JOINTS IN EXTERIOR SLABS AND PAVEMENTS, REFER TO ARCHITECTURAL DRAWINGS.

TYPICAL JOINT FOR SLAB ON GRADE

SG1

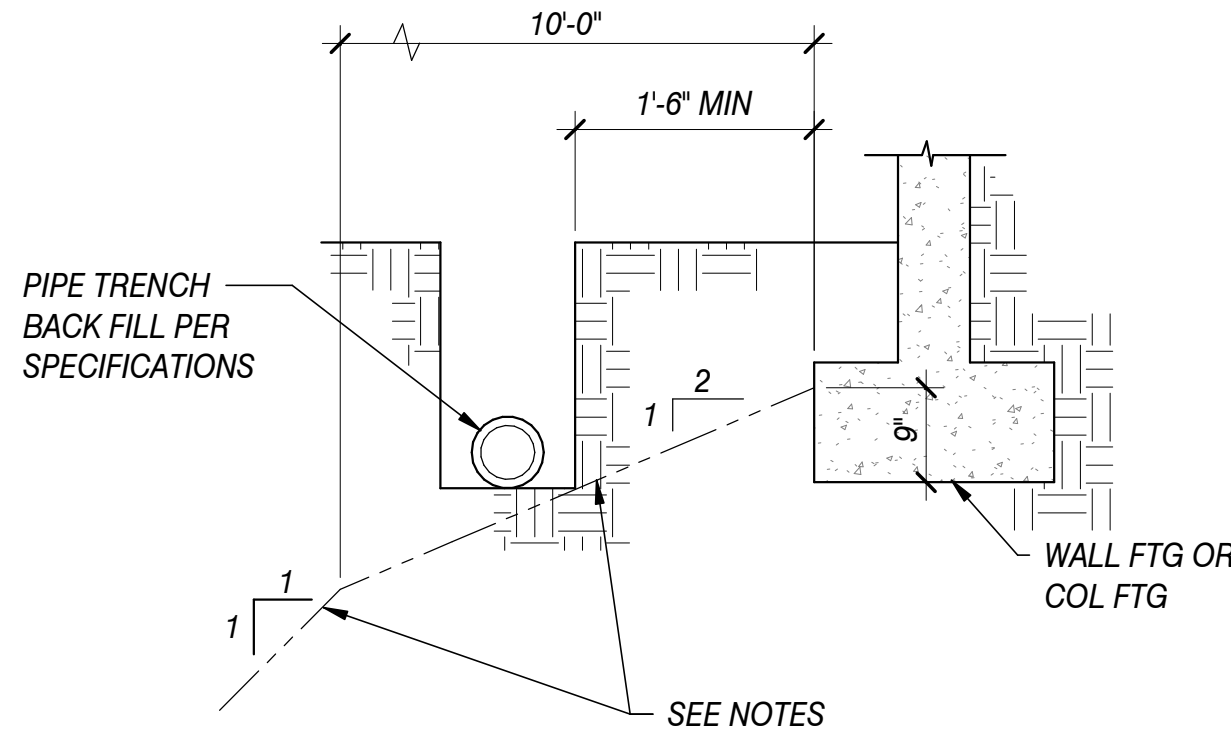


NOTES:

- S = 1'-6" MAX
- FOUNDATION PLAN SHOWS APPROXIMATE LOCATIONS OF THE MINIMUM STEPS REQUIRED BY THE STRUCTURAL DESIGN. ACTUAL LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR AS REQUIRED TO MEET FIELD CONDITIONS AND ALL PROJECT REQUIREMENTS.

TYPICAL STEPPED FOOTING DETAIL

F1



NOTES:

- NO EXCAVATIONS PERMITTED BELOW THIS LINE AFTER FOOTING HAS BEEN CONSTRUCTED UNLESS EXCAVATION IS SHORED AS REQUIRED TO RESIST THE EFFECT OF THE FOUNDATION PRESSURE
- ANY PIPE OR CONDUIT BELOW THIS LINE SHALL BE ENCASED IN CONCRETE OR RATED AND APPROVED BY THE SPECIFYING ENGINEER TO WITHSTAND THE EFFECT OF THE FOUNDATION PRESSURE.

PIPE TRENCH EXCAVATION ADJACENT TO FTG

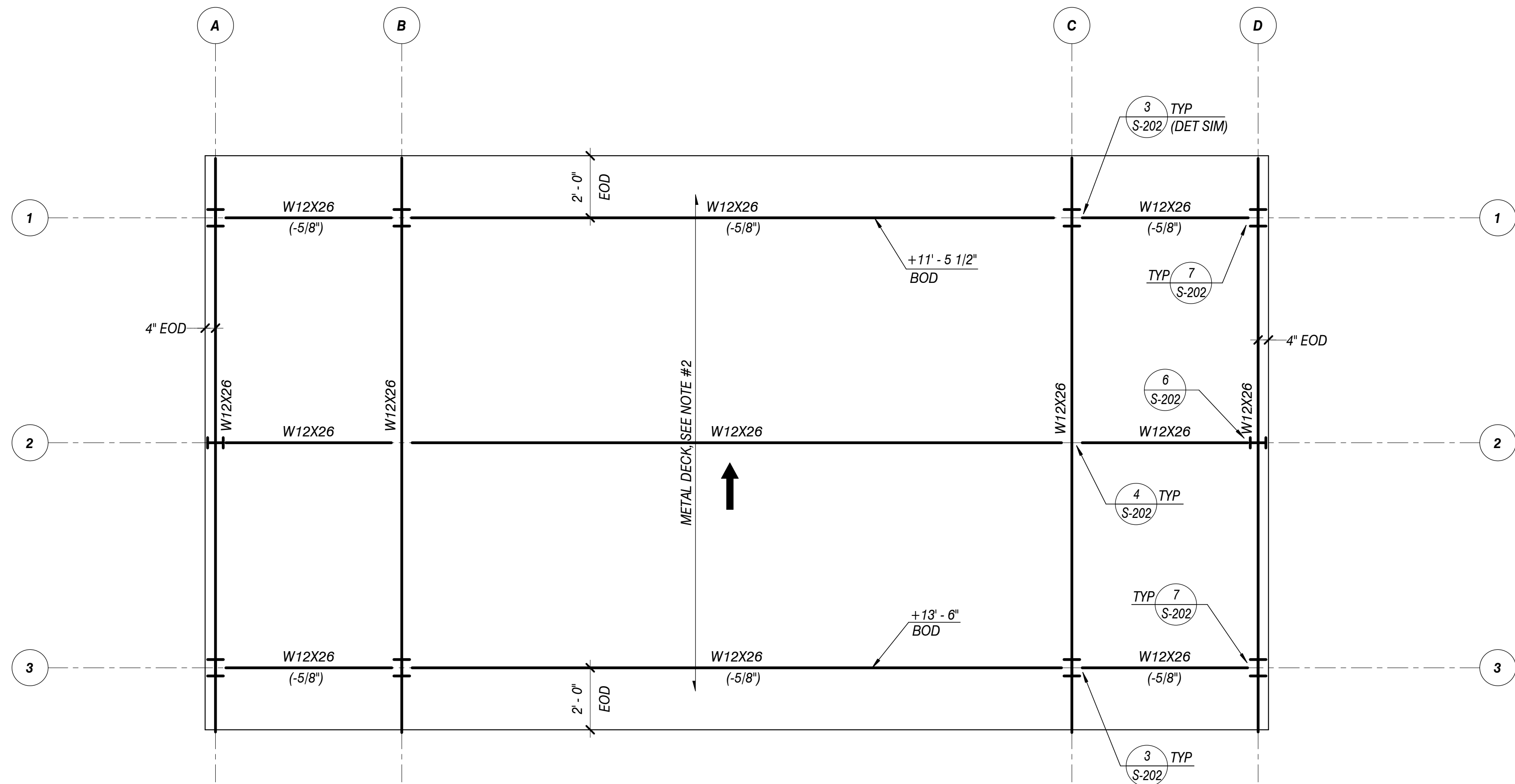
F4



Costa & Associates
STRUCTURAL ENGINEERS
1543 W. GARVEY AVENUE NORTH #215
WEST COVINA, CA 91790
TEL: (626) 960-1811
JOB NO.

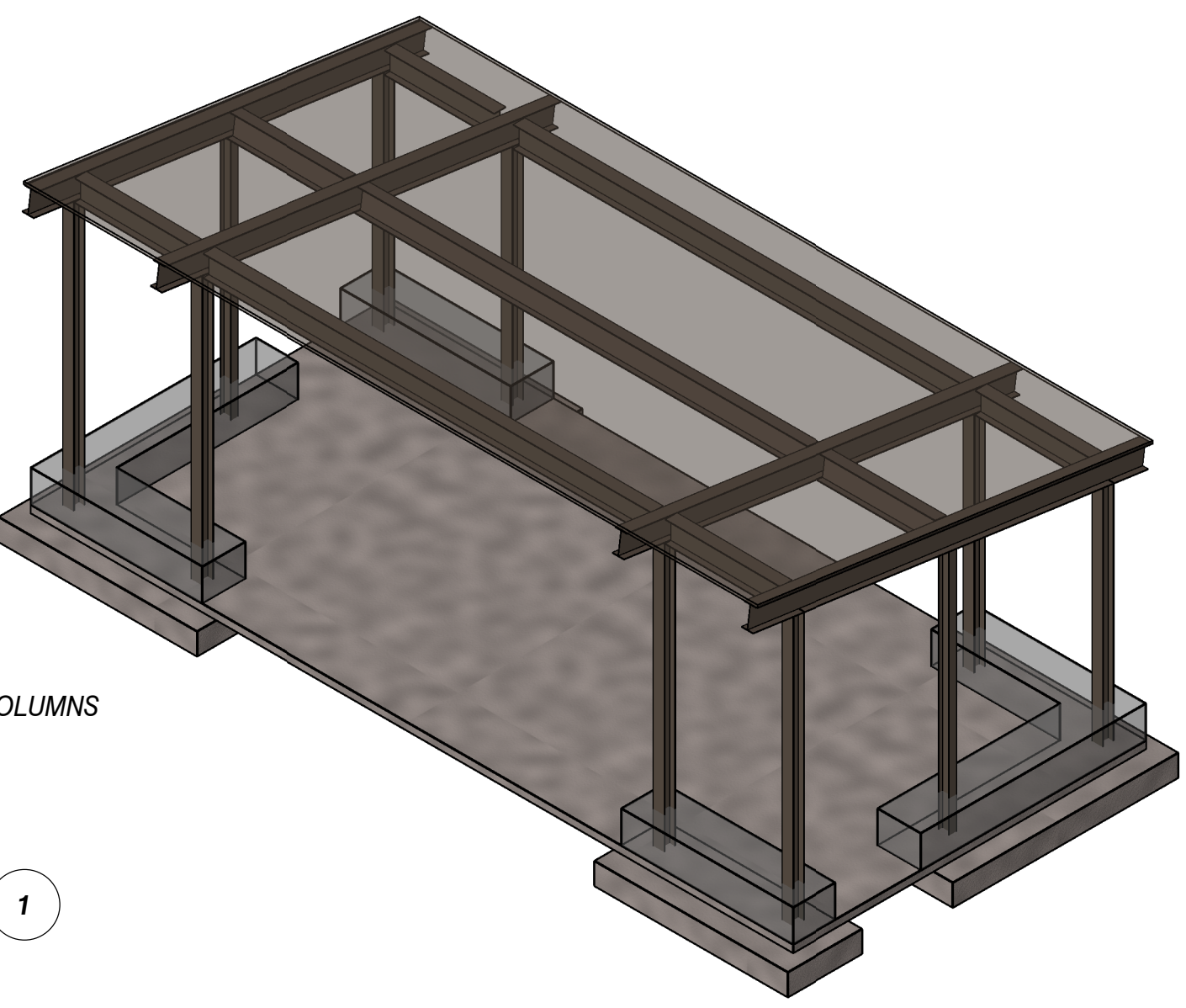
119023

DATE									
REVISIONS									
WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019	Blue Green Open Space Planning & Design 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CALIFORNIA 90065 (323) 221-9500								
TYPICAL DETAILS									
OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER									
DRAWN BY:	PS								
CHECKED BY:	OC								
PROJECT NO.	OS2019								
DATE:	DECEMBER 2019								
S-102									

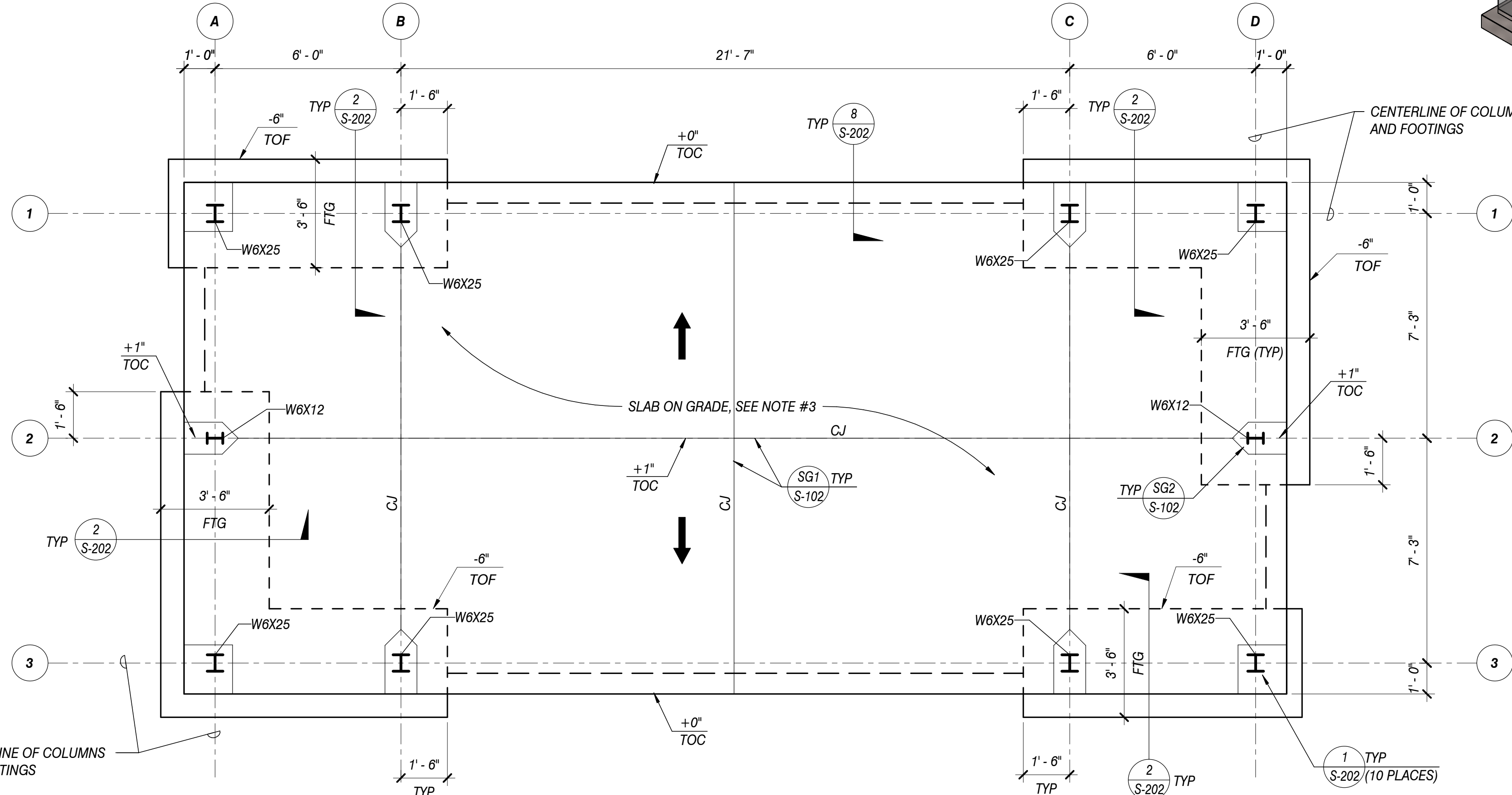


SHADE STRUCTURE ROOF FRAMING PLAN
SCALE: 3/8"=1'-0"

- SHADE STRUCTURE ROOF NOTES:
1. REFER TO SHEET S-101 AND S-102 FOR GENERAL NOTES AND TYPICAL DETAILS.
 2. ROOF DECK CONSISTS OF 1 1/2" DEEP HR-36 GALVANIZED METAL DECK (G-90) FASTENED WITH 10-14 TEKS SCREWS, 4/UNIT AT SUPPORTS AND AT 18" OC AT PARALLEL SUPPORTS.
 3. TOP OF STEEL ELEVATION (TOS) = BOTTOM OF STEEL DECK ELEVATION (BOD) UNLESS NOTED OTHERWISE.
 4. $\begin{array}{c} +0'-0" \\ \swarrow \end{array}$ BOD INDICATES BOTTOM OF DECK ELEVATION (VARIES) FROM REFERENCE FINISH FLOOR.



3D VIEW KEY PLAN



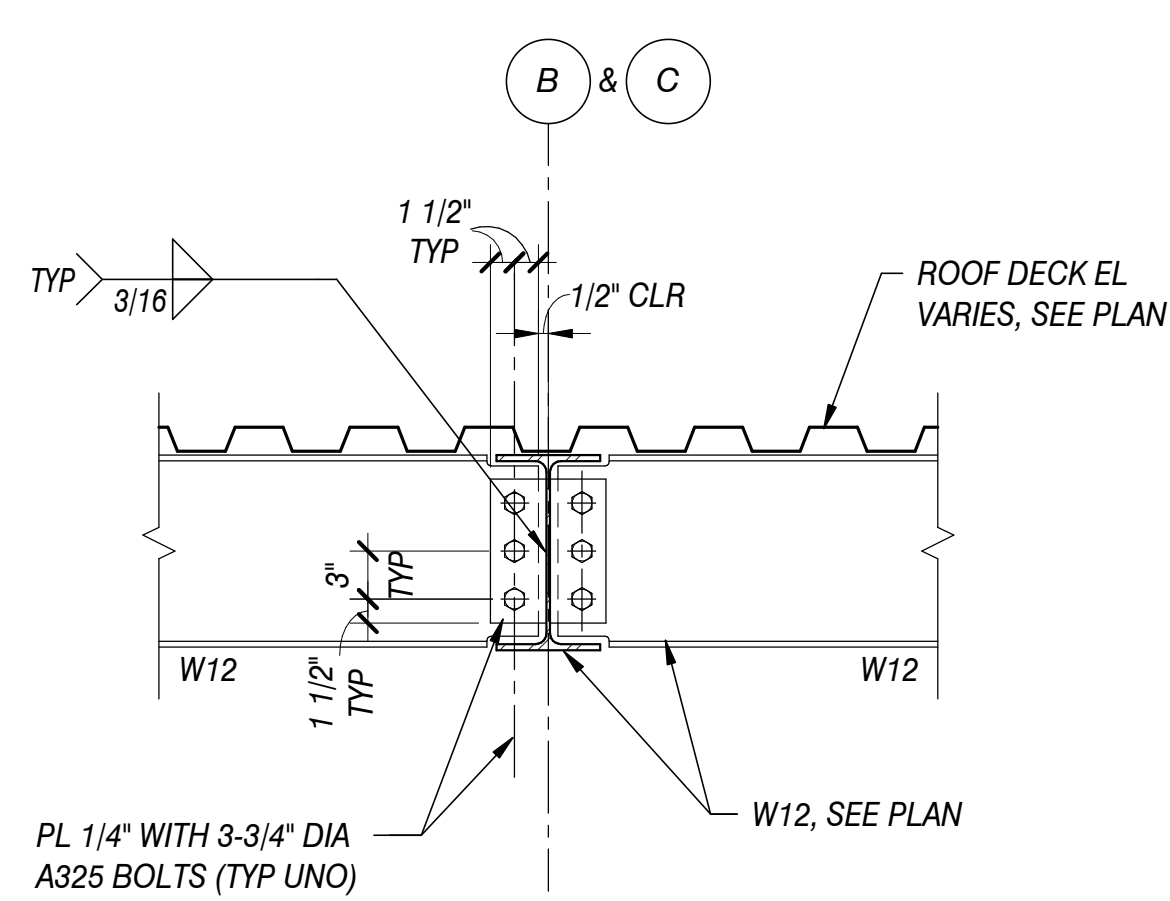
SHADE STRUCTURE FOUNDATION PLAN
SCALE: 3/8"=1'-0"

- SHADE STRUCTURE FOUNDATION PLAN NOTES:
1. REFER TO SHEET S-101 AND S-102 FOR GENERAL NOTES AND TYPICAL DETAILS.
 2. REFERENCE FINISH GROUND FLOOR EL = +0'-0", SEE LANDSCAPE OR CIVIL DRAWINGS FOR DATUM.
 3. SLAB ON GRADE CONSISTS OF 4" THICK CONCRETE REINFORCED WITH #4 AT 18" OC EACH WAY ON SLAB MID-DEPTH. SEE LANDSCAPE OR CIVIL DRAWINGS FOR SUB GRADE.
 4. FINISH TOC SLAB ON GRADE ELEVATION = REFERENCE FINISH FLOOR ELEVATION.
 5. $\begin{array}{c} -X'-X" \\ \swarrow \end{array}$ TOF INDICATES TOP OF FOOTING (TOF) ELEVATION FROM REFERENCE FINISH FLOOR.
 6. $\begin{array}{c} -X'-X" \\ \swarrow \end{array}$ TOC INDICATES TOP OF CONCRETE SLAB (TOC) FROM REFERENCE FINISH FLOOR.

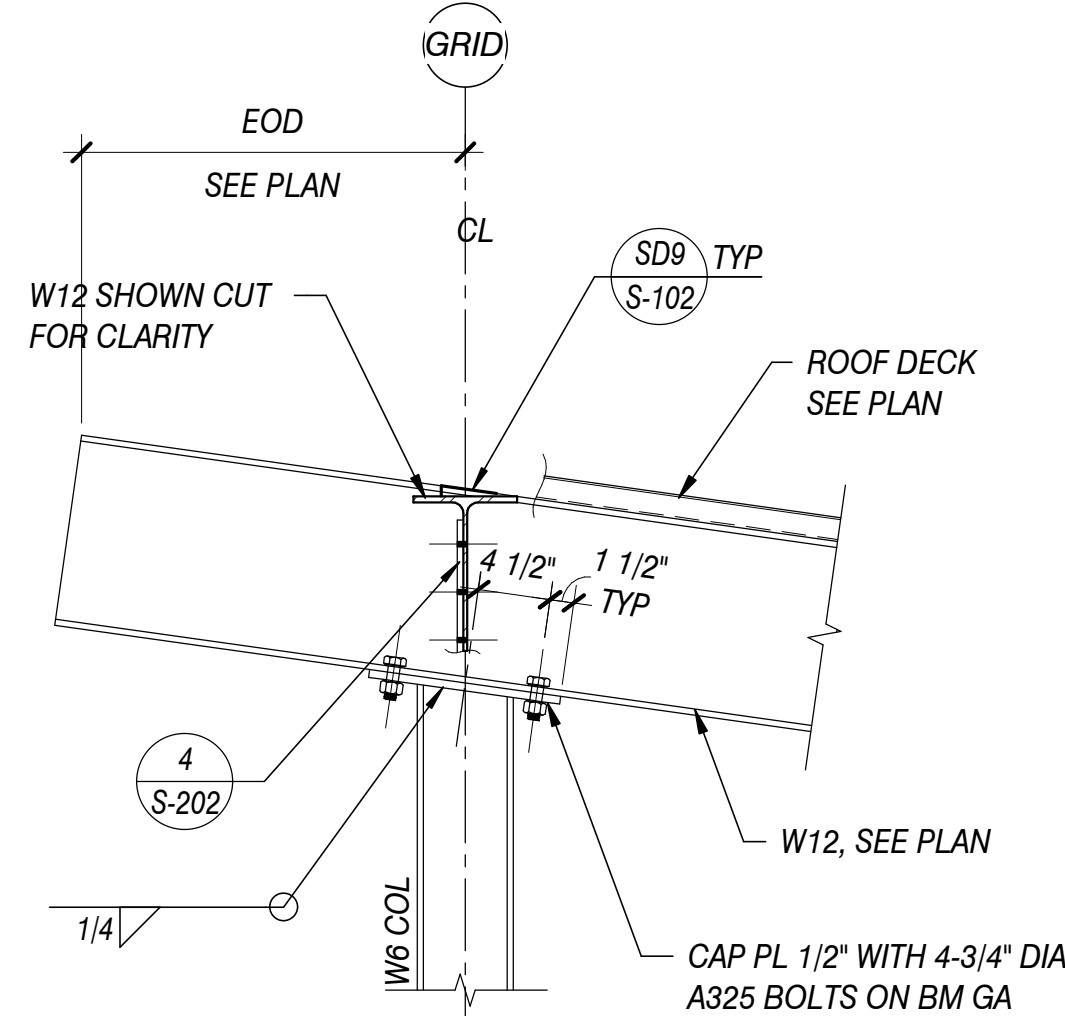


Costa & Associates
STRUCTURAL ENGINEERS
1543 W. GARVEY AVENUE NORTH #215
WEST COVINA, CA 91790
TEL: (626) 960-1811
JOB NO. 119023

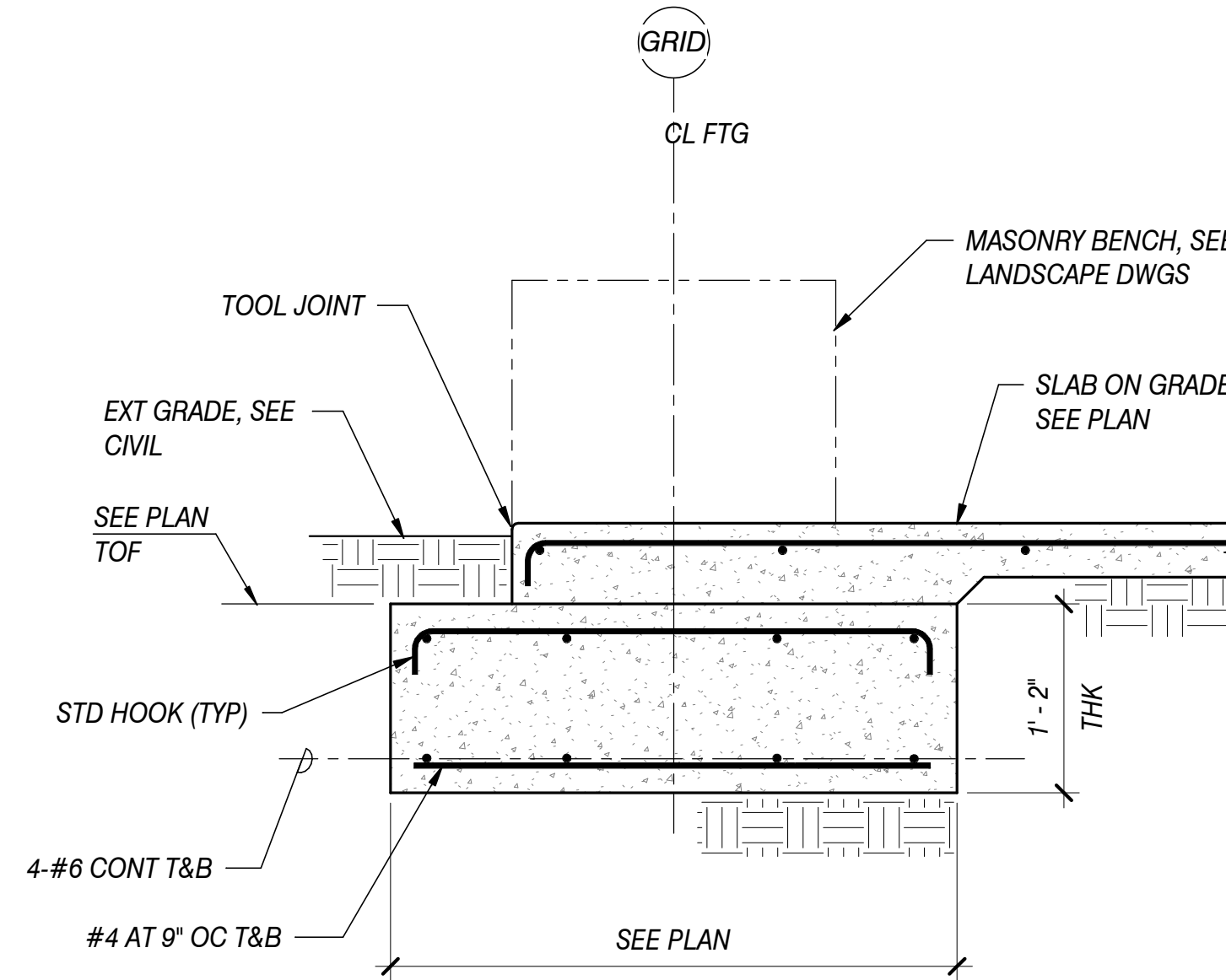
DATE		REVISIONS	
WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019		Blue Green Open Space Planning & Design 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CALIFORNIA 90065 (323) 221-9500	
SHEET TITLE		SHADE STRUCTURE FRAMING PLANS	
PROJECT TITLE		OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER	
DRAWN BY: PS		CHECKED BY: OC	
PROJECT NO. OS2019		DATE: DECEMBER 2019	
S-201			



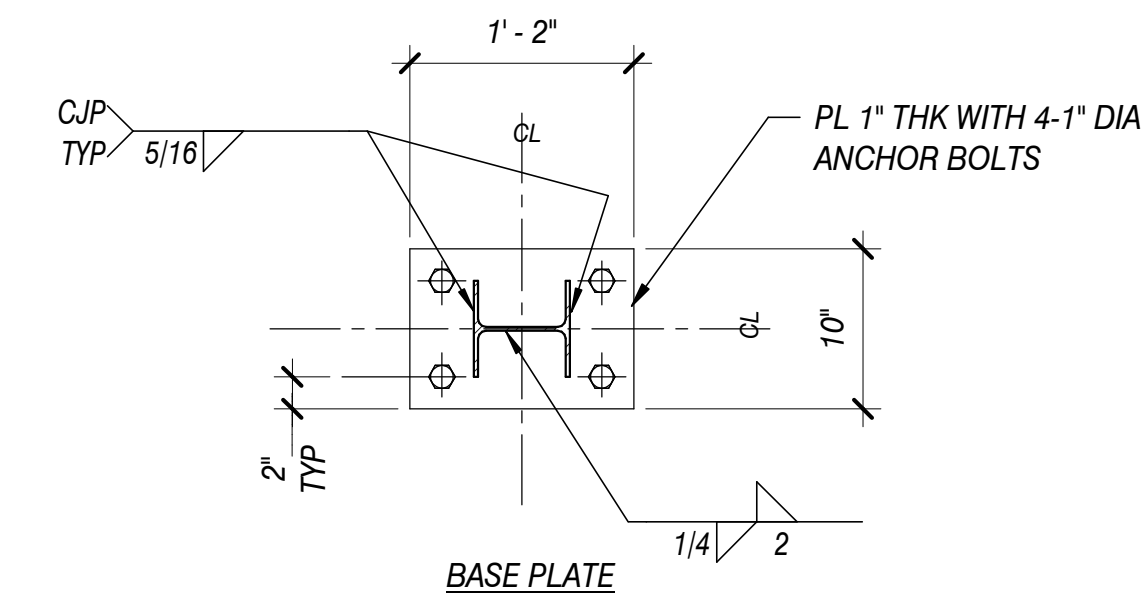
4
S-202
1" = 1'-0"



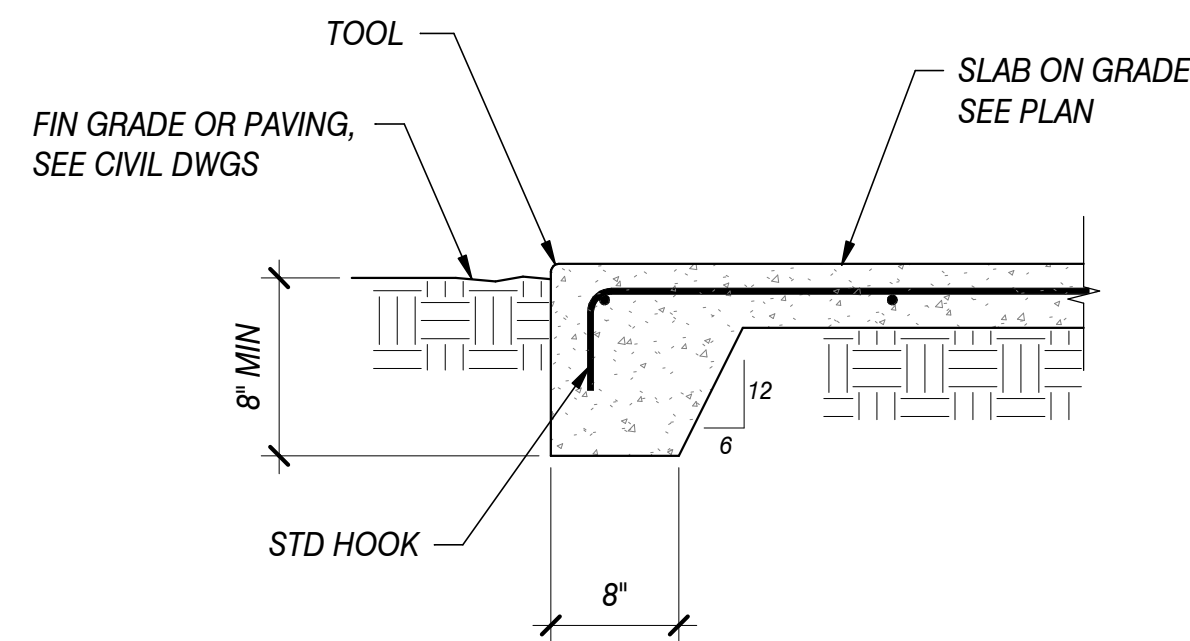
3
S-202
1" = 1'-0"



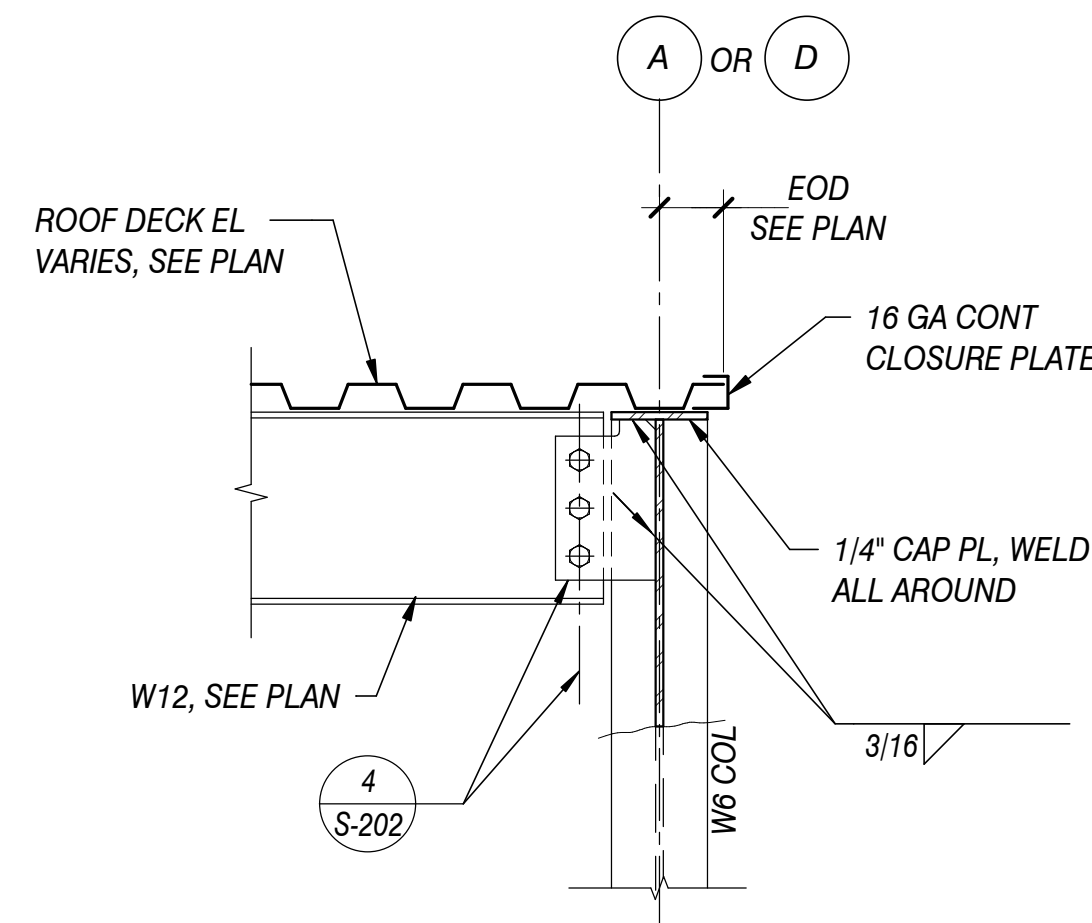
2
S-202
1" = 1'-0"



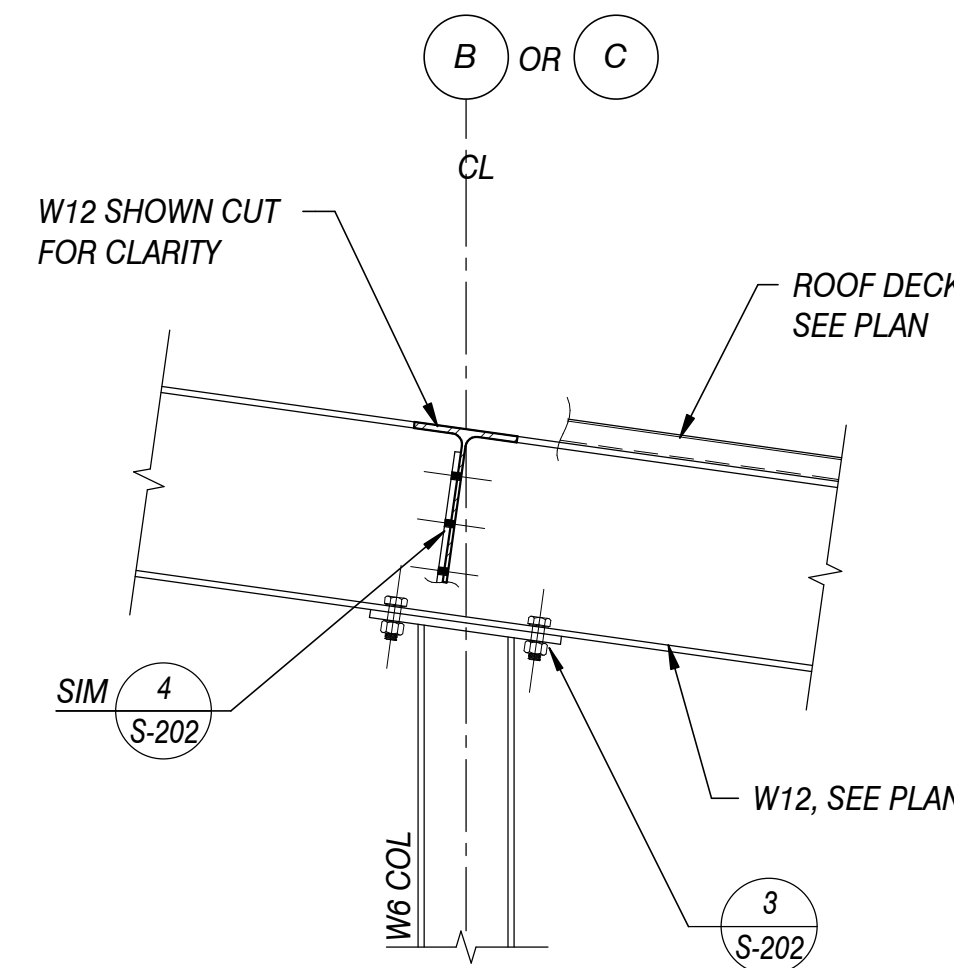
1
S-202
1" = 1'-0"



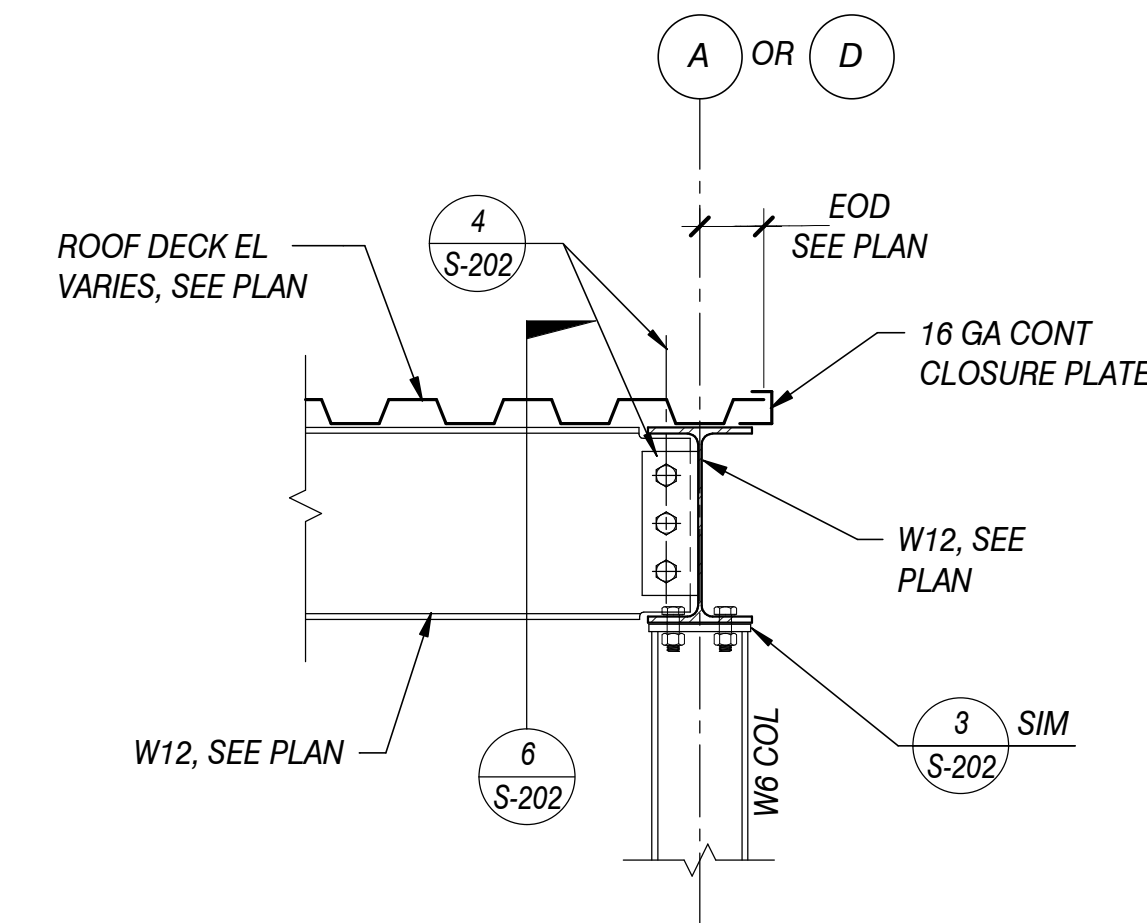
8
S-202
1" = 1'-0"



7
S-202
1" = 1'-0"



6
S-202
1" = 1'-0"

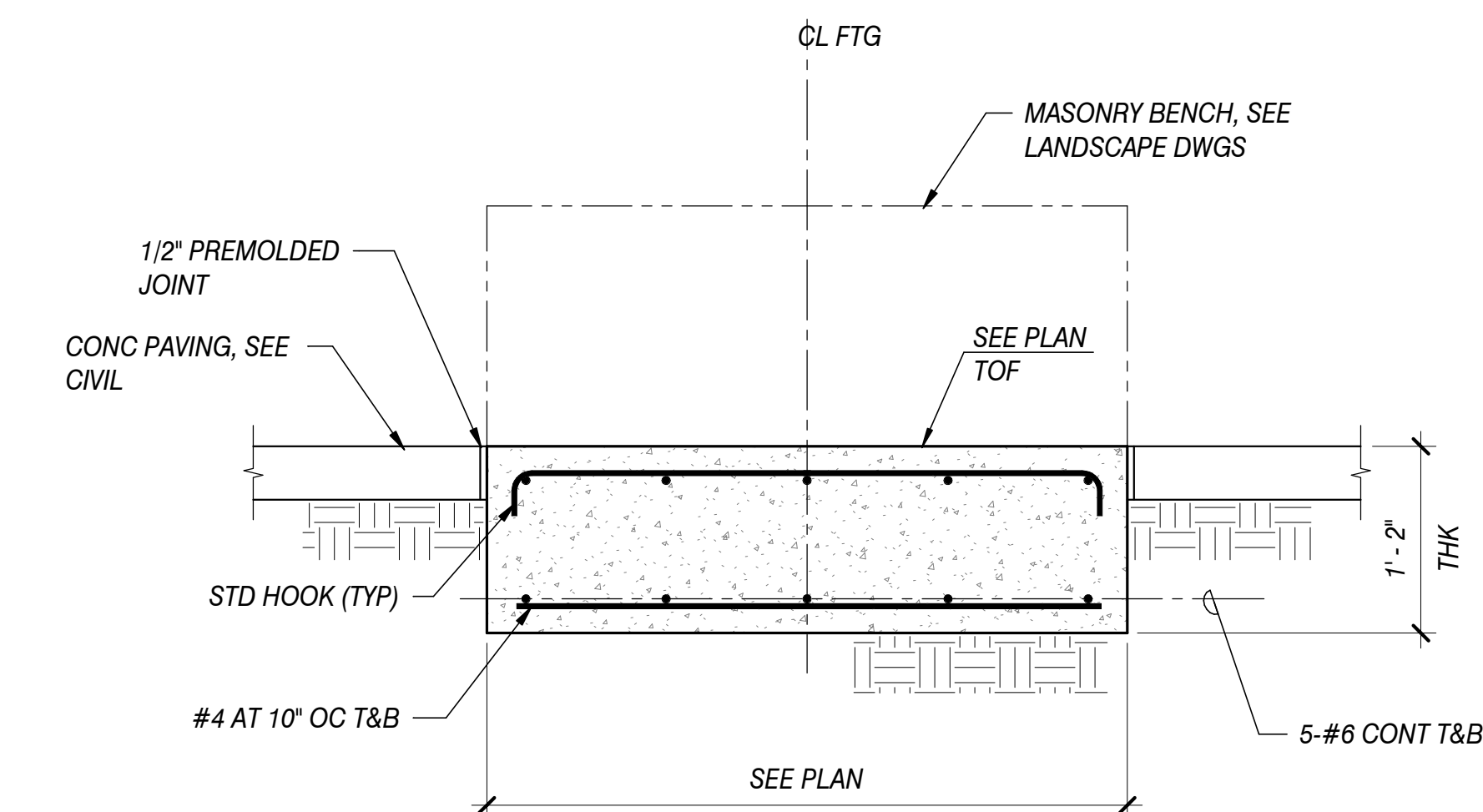


5
S-202
1" = 1'-0"

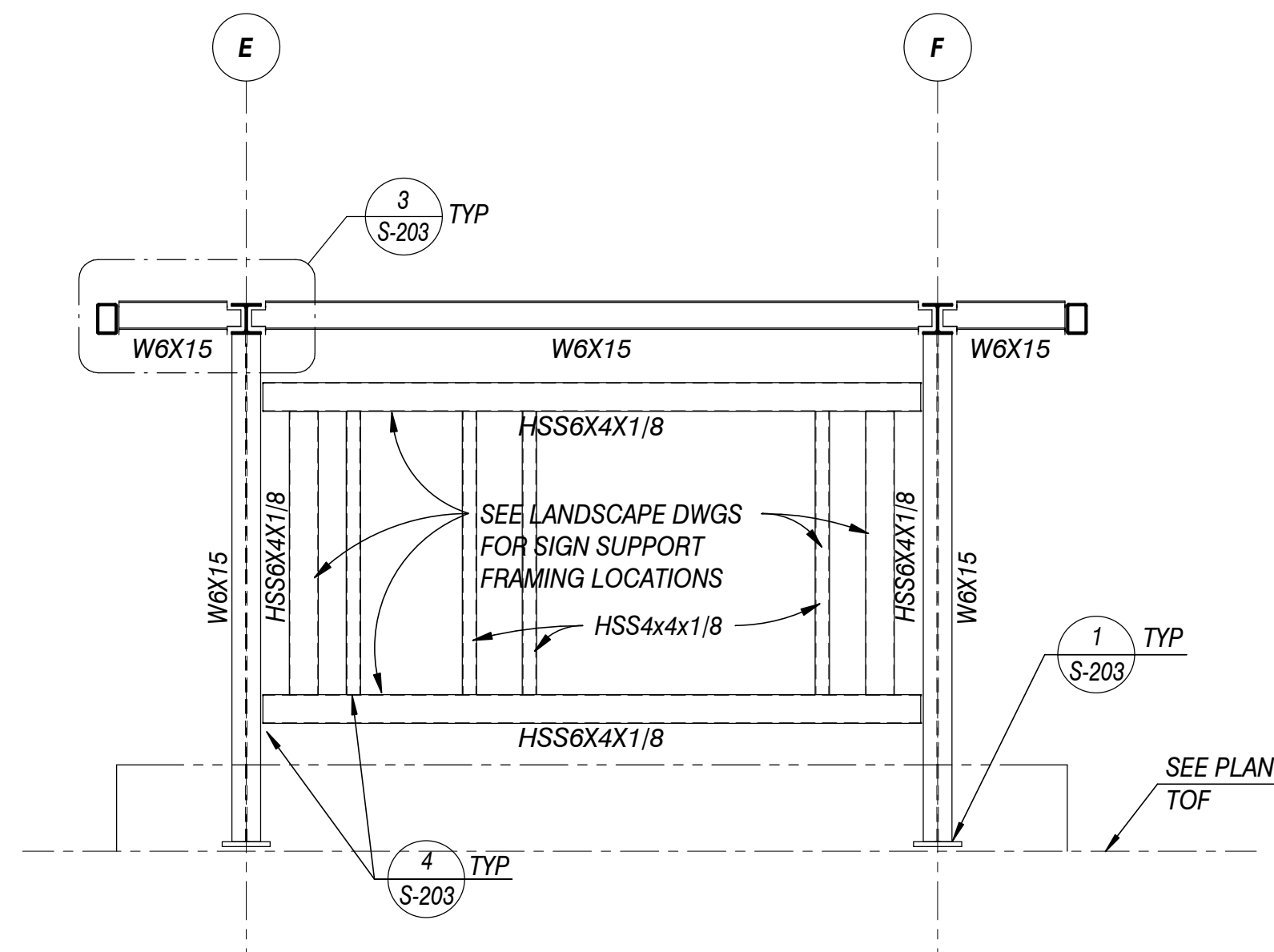


Costa & Associates
STRUCTURAL ENGINEERS
1543 W. GARVEY AVENUE NORTH #215
WEST COVINA, CA 91790
TEL: (626) 960-1811
JOB NO. 119023

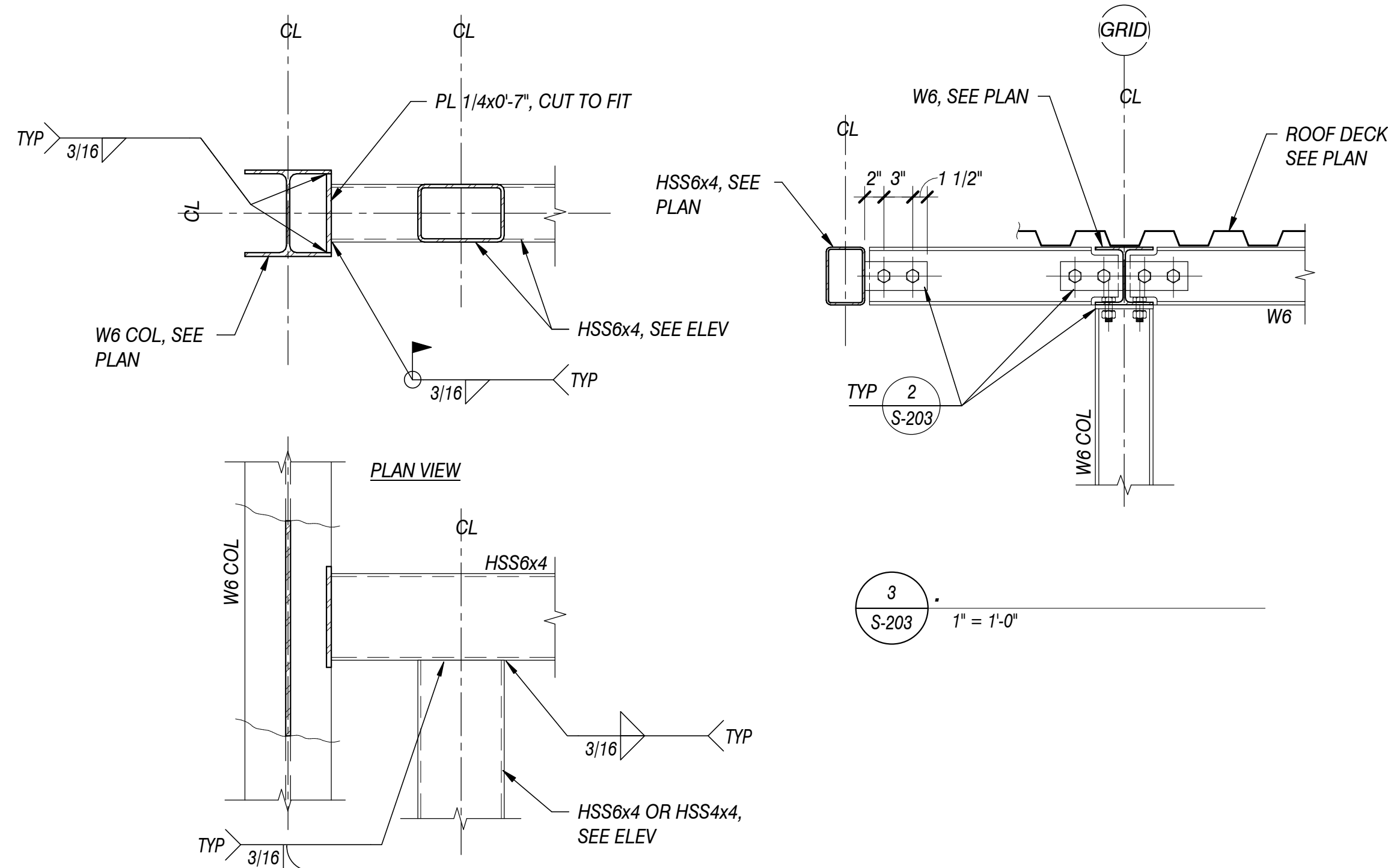
DATE	
REVISIONS	
PROJECT TITLE	OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER
SHEET TITLE	SECTIONS AND DETAILS
WATERSHED CONSERVATION AUTHORITY	100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019
Blue Green	Open Space Planning & Design 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CALIFORNIA 90065 (323) 221-9500
DRAWN BY:	PS
CHECKED BY:	OC
PROJECT NO.	OS2019
DATE:	DECEMBER 2019
S-202	



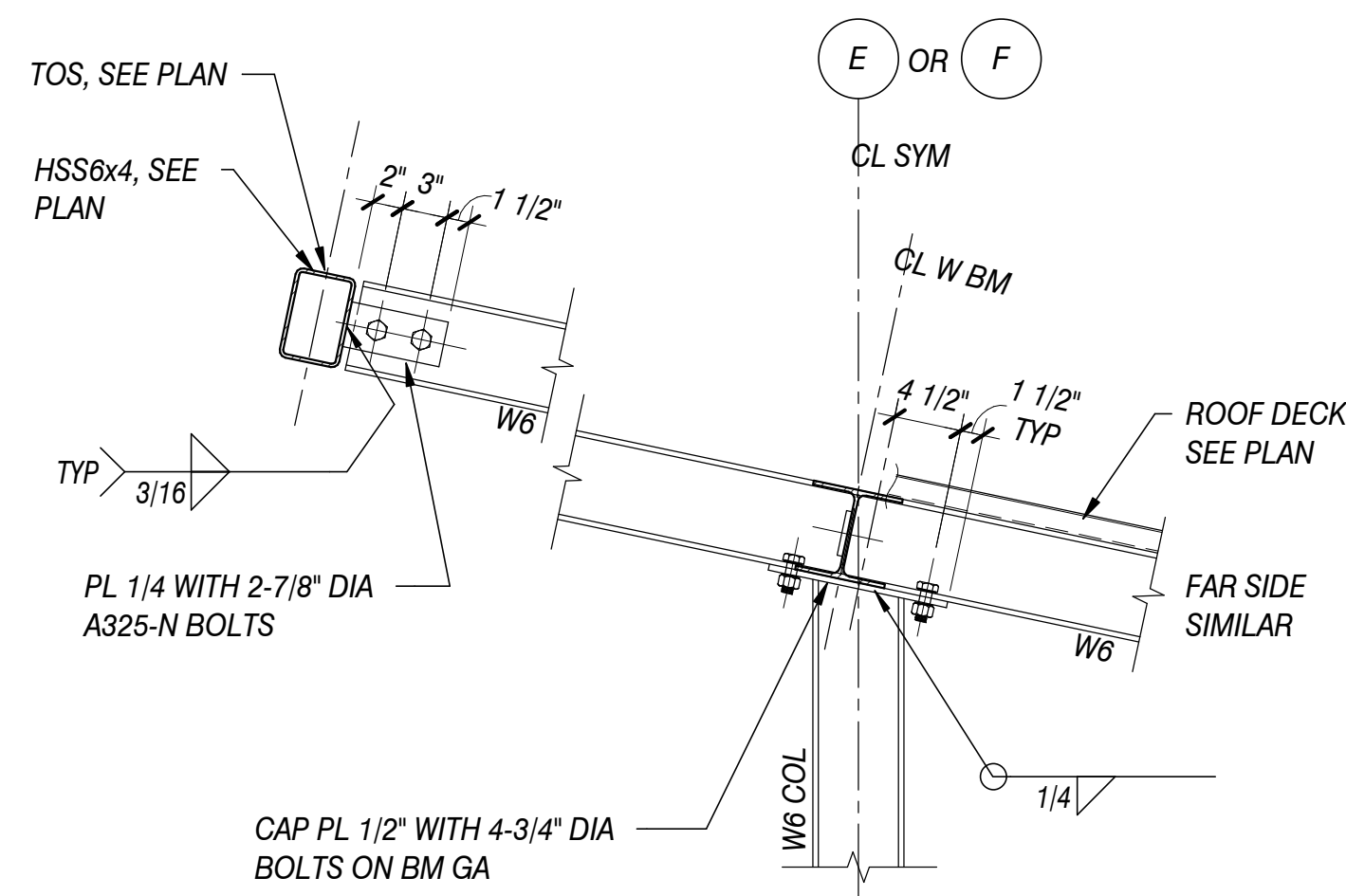
1 KIOSK FOOTING DETAIL
1" = 1'-0"



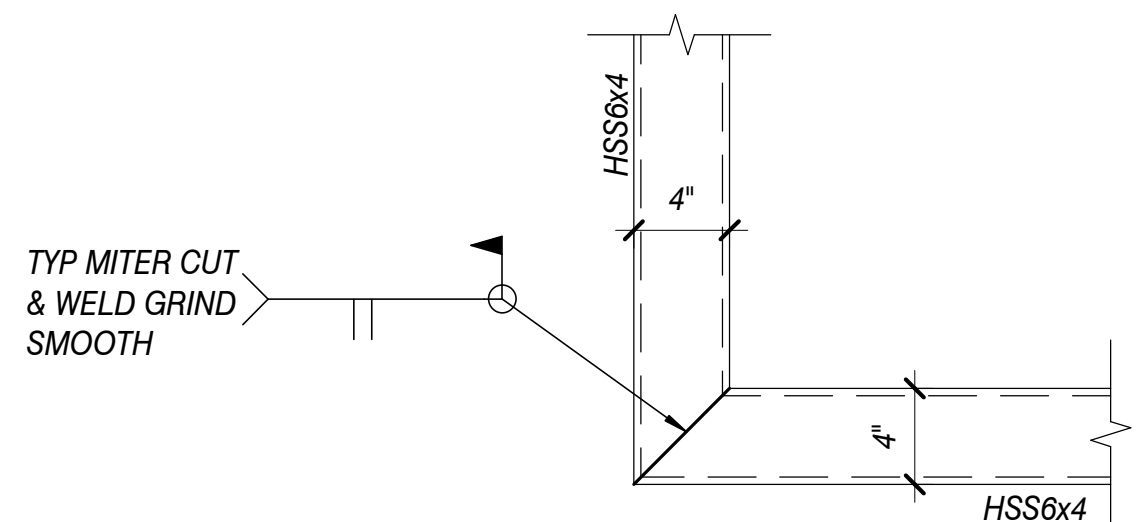
A FRAME ELEVATION
3/8" = 1'-0"



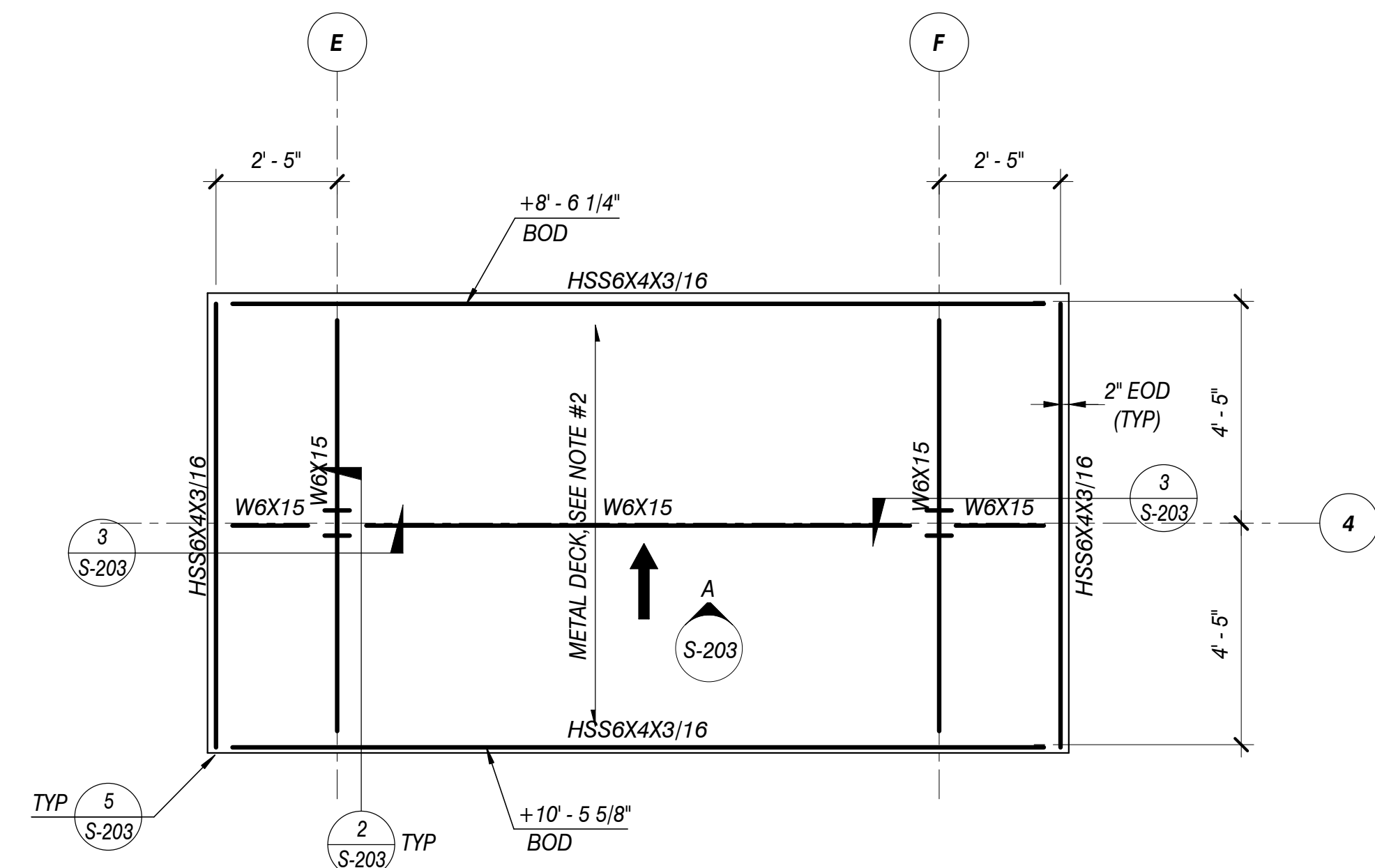
4 DETAIL AT SIGN SUPPORTS
1 1/2" = 1'-0"



2
S-203
1" = 1'-0"



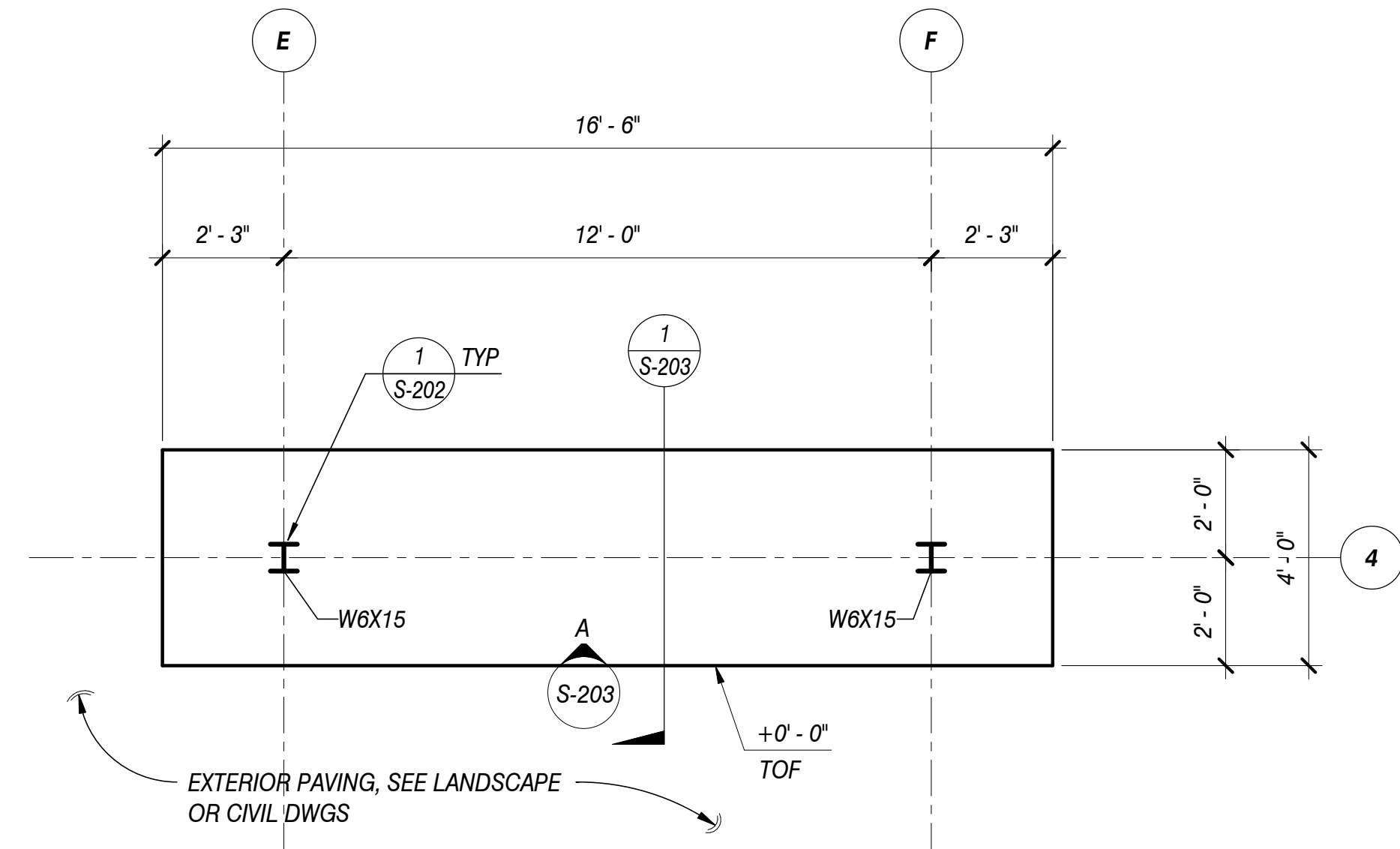
3D VIEW KEY PLAN



KIOSK ROOF FRAMING PLAN

SCALE: 3/8" = 1'-0"

- NOTES:
1. REFER TO SHEETS S-101 AND S-102 FOR GENERAL NOTES AND TYPICAL DETAILS.
 2. ROOF DECK CONSISTS OF 1 1/2" DEEP HR-36 GALVANIZED METAL DECK (G-90) FASTENED WITH 10-14 TEK SCREWS, 4/UNIT AT SUPPORTS AND 18" OC AT PARALLEL SUPPORTS.
 3. TOP OF STEEL ELEVATION (TOS) = BOTTOM OF DECK ELEVATION (VARIES) FROM REFERENCE FINISH FLOOR.
 4. +0'-0" BOD INDICATES BOTTOM OF DECK ELEVATION (VARIES) FROM REFERENCE FINISH FLOOR.



KIOSK FOUNDATION PLAN

SCALE: 3/8" = 1'-0"

- NOTES:
1. REFER TO SHEETS S-101 AND S-102 FOR GENERAL NOTES AND TYPICAL DETAILS.
 2. REFERENCE FINISH GROUND FLOOR EL = +0'-0"; SEE LANDSCAPE OR CIVIL DRAWINGS FOR DATUM.
 3. +X'-X" TOF INDICATES TOP OF FOOTING ELEVATION FROM REFERENCE FINISH FLOOR.



Costa & Associates
STRUCTURAL ENGINEERS
1543 W. GARVEY AVENUE NORTH #215
WEST COVINA, CA 91790
TEL: (626) 960-1811
JOB NO. 119023

DATE	
REVISIONS	
PROJECT TITLE	WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019
SHEET TITLE	Blue Green Open Space Planning & Design 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CALIFORNIA 90065 (323) 221-9500
PROJECT TITLE	KIOSK FRAMING PLANS, ELEVATION AND DETAILS
PROJECT TITLE	OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER
DRAWN BY: PS	
CHECKED BY: OC	
PROJECT NO. OS2019	
DATE: DECEMBER 2019	
	S-203



PROJECT:

LOCATION:

BUILDING TYPE: MSL 20X30

ROOF TYPE: MULTI-RIB

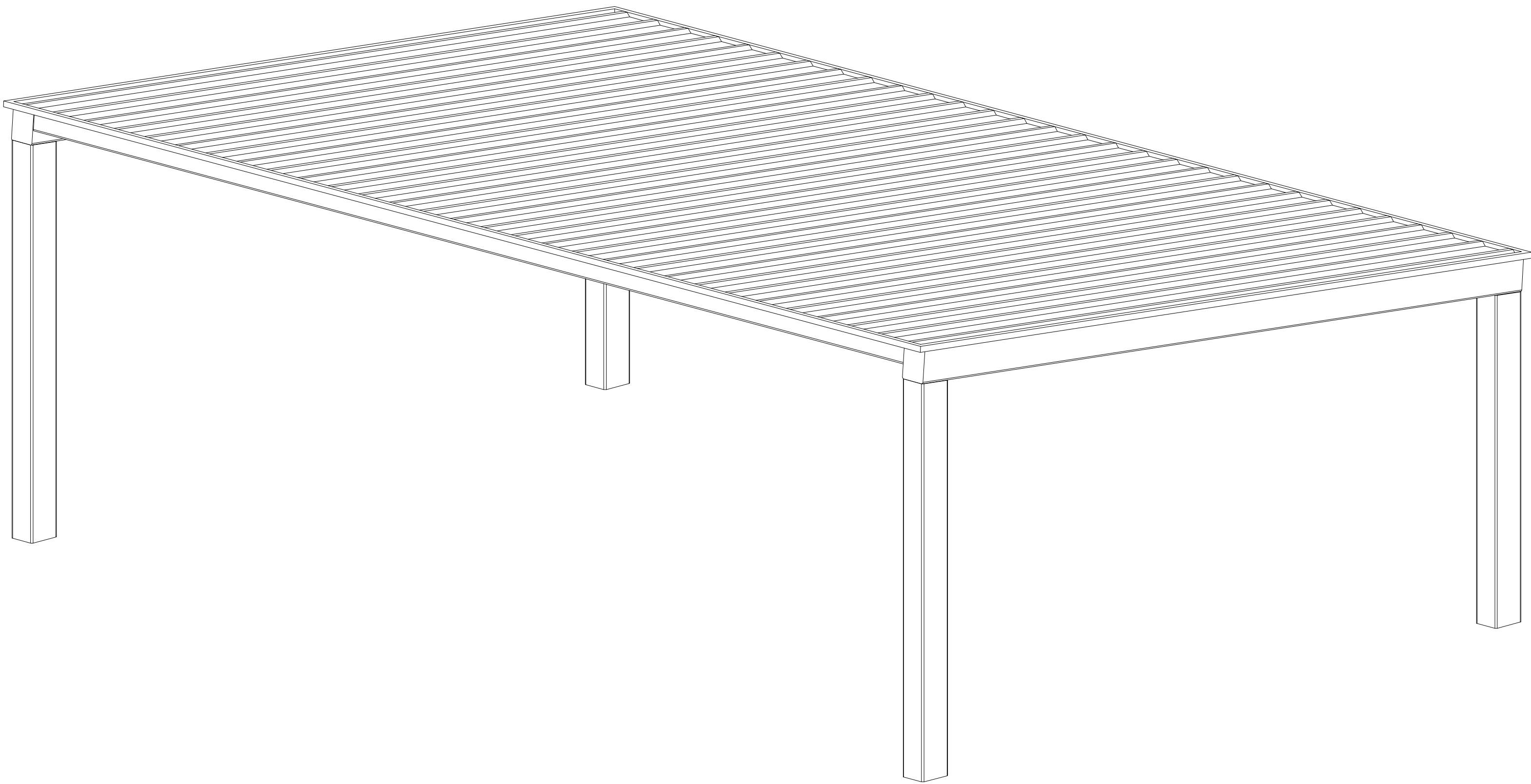
BUILDING NUMBER:

ORDER NUMBER:

QUOTE NUMBER:

DRAWING LIST:

SHEET NUMBER DRAWING DESCRIPTION	
CS	COVER SHEET
1	ARCHITECTURAL ELEVATIONS
2	STRUCTURAL FRAMING PLAN
3	COLUMN LAYOUT



CERTIFICATES:
MIAMI-DADE COUNTY CERTIFICATE OF COMPETENCY NO. 21-0819.13
PCI (POWDER COATING INSTITUTE) 4000 CERTIFIED

FABRICATOR APPROVALS:
CITY OF PHOENIX, AZ APPROVED FABRICATOR #C08-2010
CITY OF LOS ANGELES, CA APPROVED FABRICATOR #FB01596
CITY OF RIVERSIDE, CA APPROVED FABRICATOR #SF_000042
CITY OF HOUSTON, TX APPROVED FABRICATOR #470
CLARK COUNTY, NV APPROVED FABRICATOR #264
STATE OF UTAH APPROVED FABRICATOR 02008-14
AISC APPROVED FABRICATOR C-00018751

MATERIALS:	
DESCRIPTION	ASTM DESIGNATION
TUBE STEEL	A500 (GRADE B)
SCHEDULE PIPE	A53 (GRADE B)
RMT PIPE	A519
LIGHT GAGE COLD FORMED	A1003 (GRADE 50)
STRUCTURAL STEEL PLATE	A36
ROOF PANELS (STEEL)	A653



GENERAL NOTES:
UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED TO ONLY SUPPORT WHAT IS SHOWN ON THESE DRAWINGS. THE MANUFACTURER MUST BE CONTACTED IF ANYTHING ELSE IS TO BE ATTACHED TO THIS STRUCTURE (WALLS, COLUMN WRAPS, RAILINGS, ETC.) SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED ASSUMING A 20' SEPARATION BETWEEN ANY ADJACENT STRUCTURE WITH AN EAVE HEIGHT EQUAL TO OR GREATER THAN THE EAVE HEIGHT OF THIS STRUCTURE. IF THAT SEPARATION DOES NOT EXIST, THE MANUFACTURER MUST BE CONTACTED SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION MANUAL.

ALL WELDING IS PERFORMED BY AMERICAN WELDING SOCIETY (AWS) CERTIFIED WELDERS AND CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED.

PARTS SHOWN MAY BE UPGRADED DUE TO STANDARDIZED FABRICATION. REFER TO THE SHIPPING BILL OF MATERIALS FOR POSSIBLE SUBSTITUTIONS.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT THE PRIMARY FRAME INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM FIVE (5) YEARS DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT ELECTRIC WIRING, IF REQUIRED, BE RUN THROUGH THE STRUCTURAL MEMBERS BEFORE THE BUILDING IS ERECTED.



PROJECT: PROJECT LOCATION: SHEET

DRAWN BY: Chris.lisac

PRINT DATE: 12/21/2023

JOB NO:

CAD MODEL: MSL-20X30

REV LEVEL: A

SCALE: 1:48

DRAWING: COVER SHEET

CS

STOP!!
NOT FOR CONSTRUCTION

USE FOR PRELIMINARY
PLANNING AND ESTIMATING
ONLY

ROOF COLOR TO BE "TUDOR BROWN"
FRAME COLOR TO BE "BARKWOOD"
FOR LOCATIONS OF STRUCTURES, QUANTITIES OF
POSTS, LOCATION OF POSTS REFERENCE SHEETS:
S-1.50, S-1.51, S-1.52

BID ALTERNATE 3

WATERSHED CONSERVATION AUTHORITY
100 N OLD SAN GABRIEL CANYON ROAD
AZUSA, CA 91702
PHONE: (626) 815-1019

Lynne Dwyer
Landscape Architect
2616 NORTH FIGUEROA, SUITE A
LOS ANGELES, CA 90065
(323) 221-9500

2/SHADE STRUCTURE
COLOR PALETTE

OAKS STAIRWAY &
OVERLOOK
EAST FORK,
SAN GABRIEL RIVER

DRAWN BY: KT

CHECKED BY: LD

PROJECT NO. OS2019

DATE: JUNE 1 2026

CS-0.002/

REVISIONS

DATE

05/16/2026

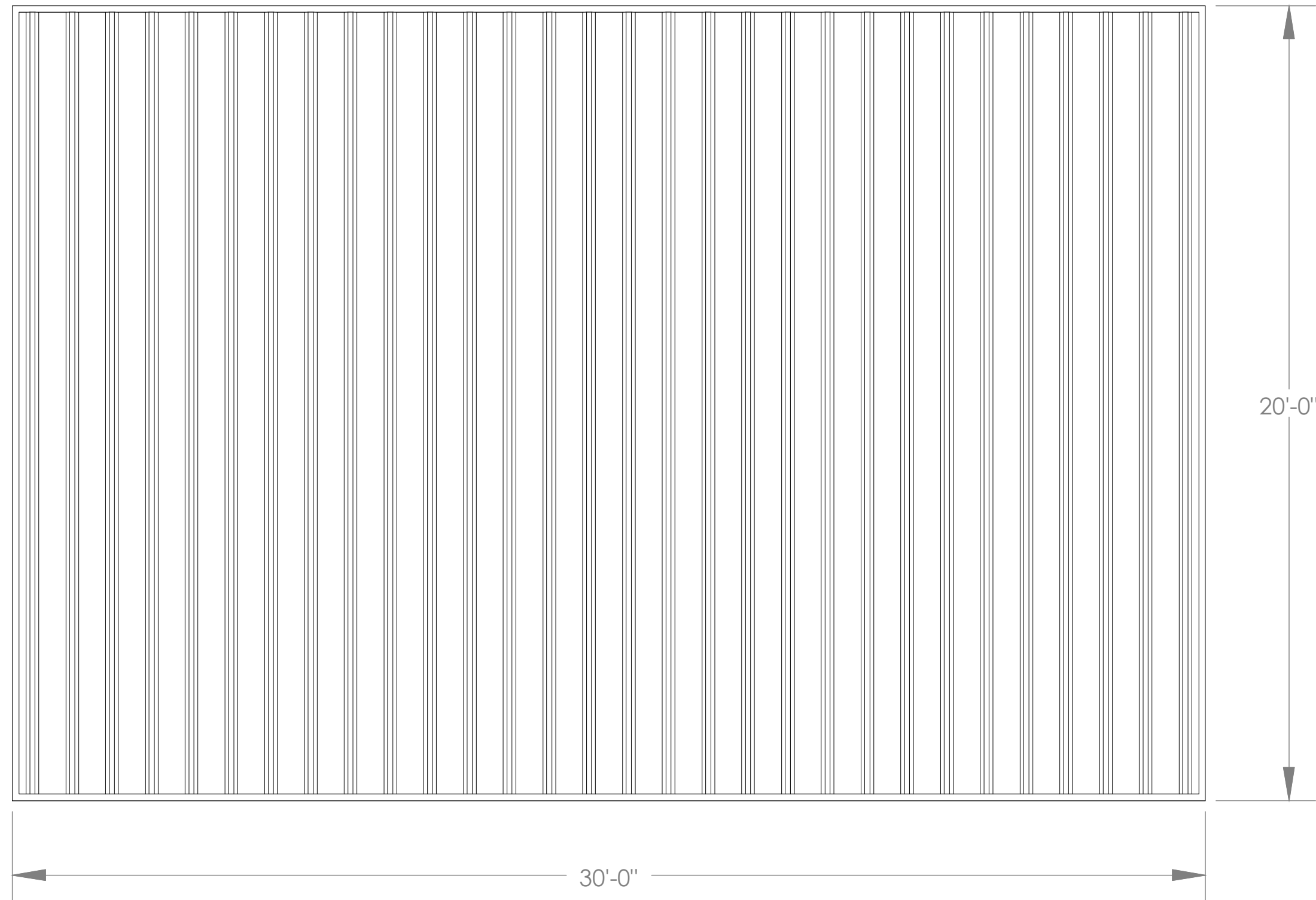
05/16/2026

05/16/2026

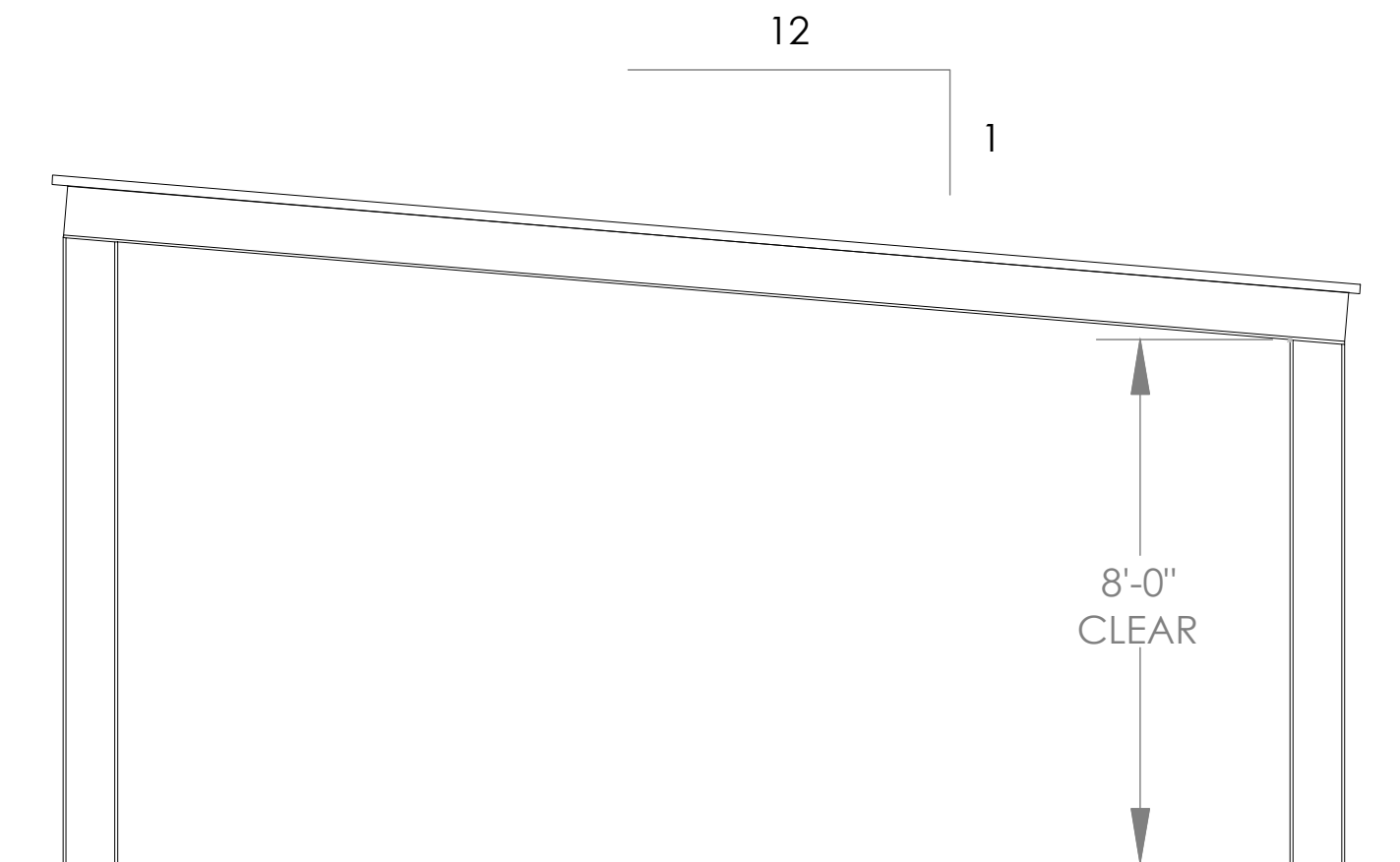
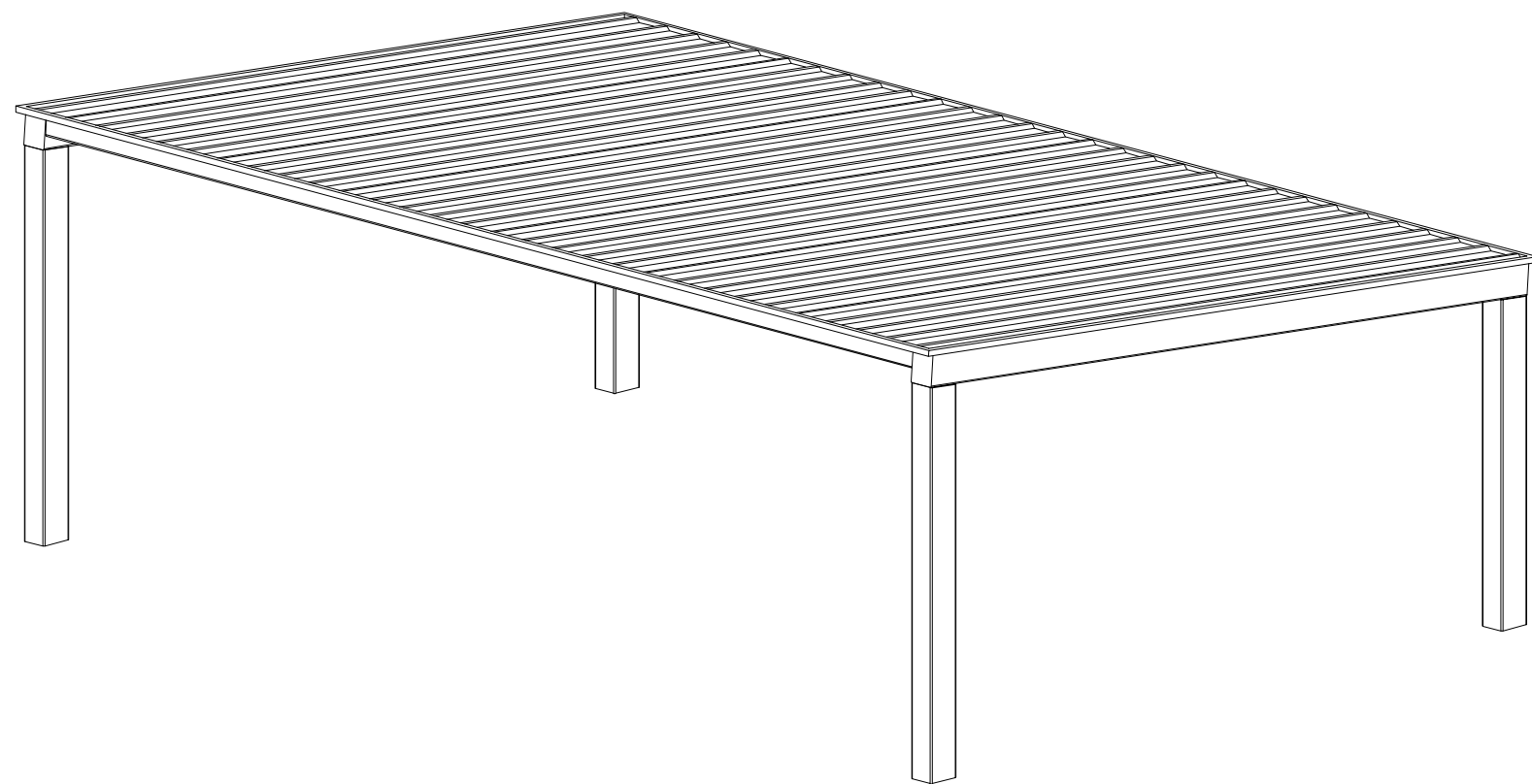
BID ALTERNATES

PLAN REVISIONS

CXT RESTROOM



FINISH GRADE.
MOUNTING VARIES
BASED ON ENGINEERING
REQUIREMENTS.



GENERAL ROOF NOTES:

1. METAL ROOFING:
 - 24 GAUGE
 - GALVALUME COATED
 - KYNAR 500 PAINTED
2. TRIM COLOR MATCHES ROOF
3. SEE POLIGON.COM FOR COLOR OPTIONS

STOP!!
NOT FOR CONSTRUCTION
USE FOR PRELIMINARY
PLANNING AND ESTIMATING
ONLY

DRAWING:
ARCHITECTURAL ELEVATIONS
SCALE: 1:64
REV LEVEL: A
(616)399-1963
www.poligon.com
poligon[®] by PORTERCORP
COPYRIGHT 2016
PATENTED OR PATENTS PENDING
PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424

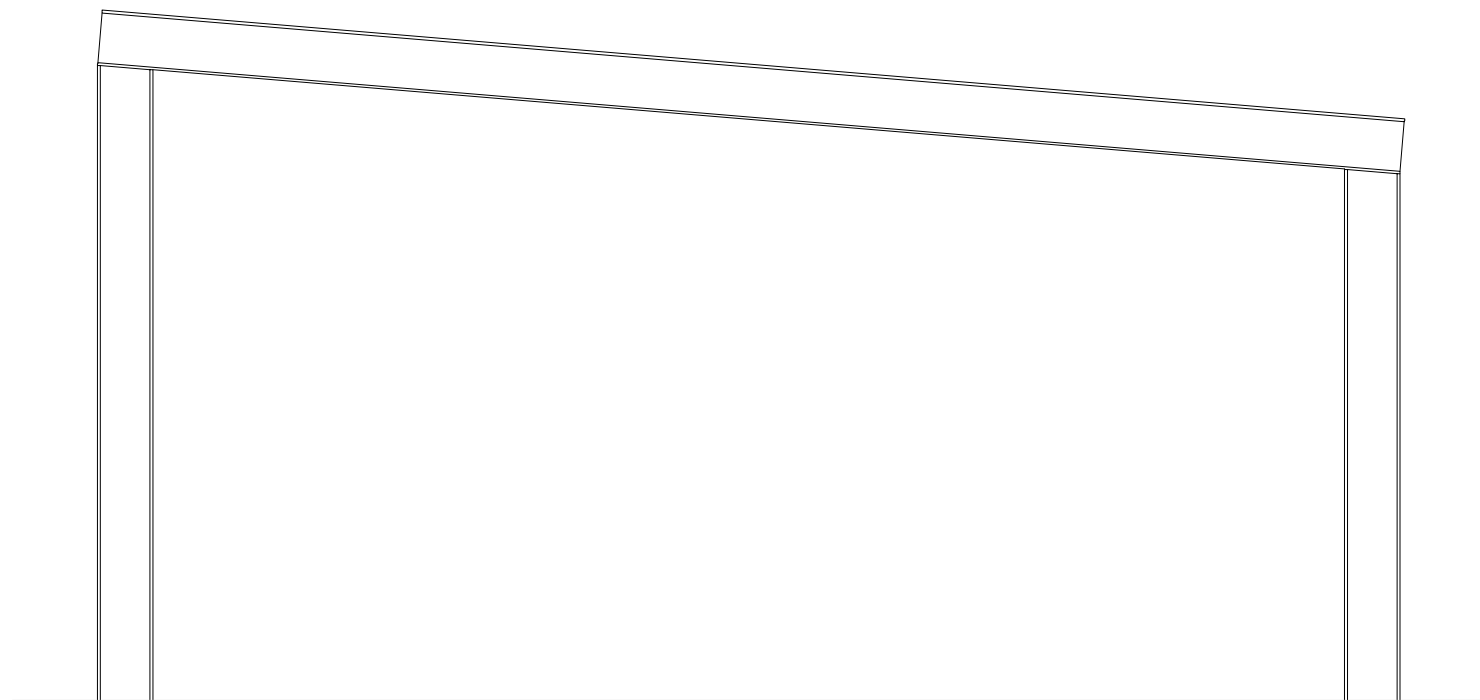
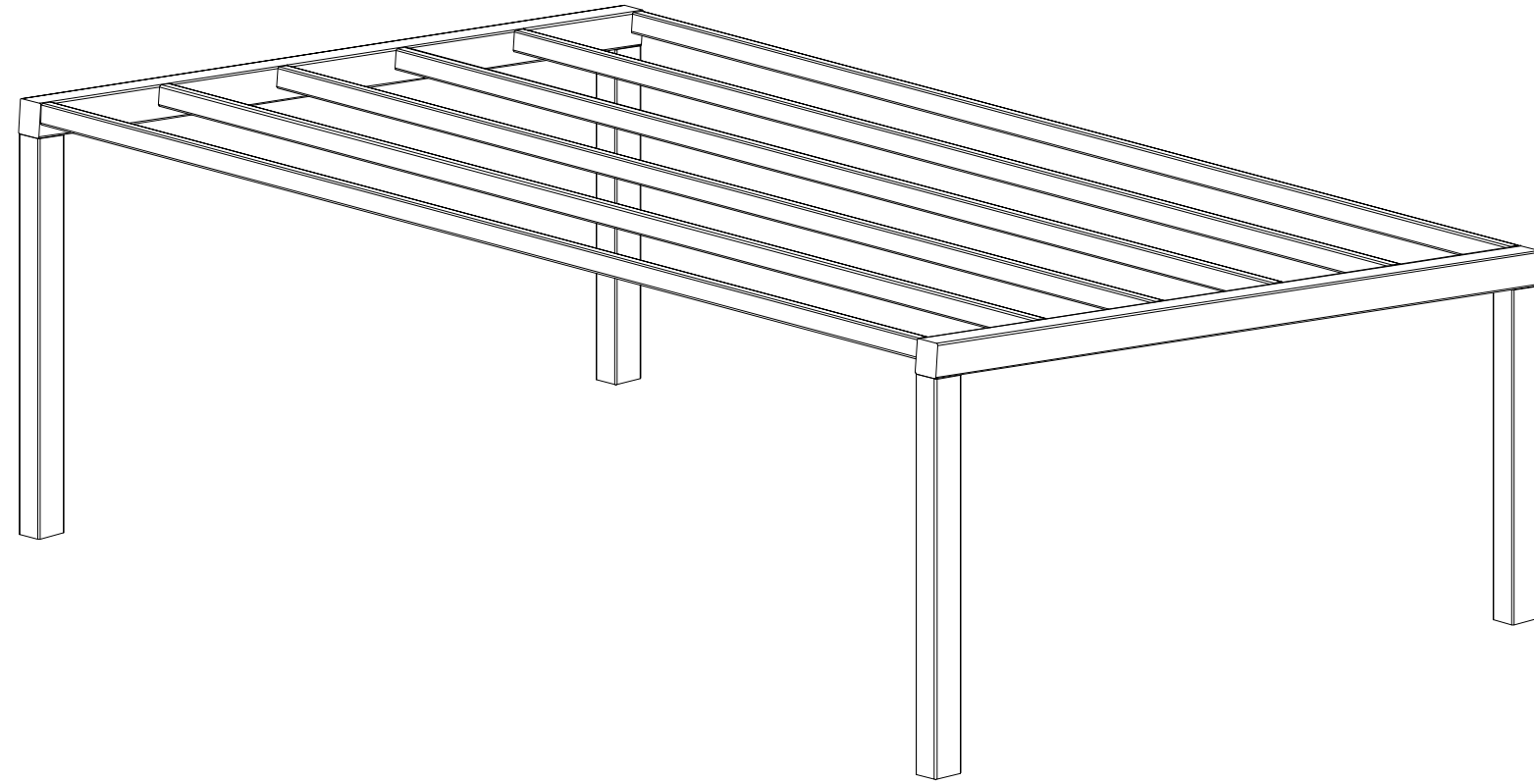
SHEET

1

ROOF COLOR TO BE "TUDOR BROWN"
FRAME COLOR TO BE "BARKWOOD"
FOR LOCATIONS OF STRUCTURES, QUANTITIES OF
POSTS, LOCATION OF POSTS REFERENCE SHEETS:
S-1.50, S-1.51, S-1.52

BID ALTERNATE 3

REVISIONS	DATE
 BID ALTERNATES	05/16/2026
 PLAN REVISIONS	05/16/2026
 CXT RESTROOM	05/16/2026
WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019	
Lynne Dwyer Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500	
SHEET TITLE SHADE STRUCTURE DRAWINGS	
PROJECT TITLE OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER	
	
DRAWN BY: KT	
CHECKED BY: LD	
PROJECT NO. OS2019	
DATE: JUNE 1 2026	
CS-1.00 	



FINISH GRADE.
MOUNTING VARIES
BASED ON ENGINEERING
REQUIREMENTS.

STOP!!
NOT FOR CONSTRUCTION

USE FOR PRELIMINARY
PLANNING AND ESTIMATING
ONLY

DRAWING:
STRUCTURAL FRAMING PLAN

SCALE:
1:64

REV LEVEL:
A

(616)399-1963
www.poligon.com

COPYRIGHT 2016
PATENTED OR PATENTS PENDING
PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424

byPORTERCORP

SHEET
2

ROOF COLOR TO BE "TUDOR BROWN"
FRAME COLOR TO BE "BARKWOOD"
FOR LOCATIONS OF STRUCTURES, QUANTITIES OF
POSTS, LOCATION OF POSTS REFERENCE SHEETS:
S-1.50, S-1.51, S-1.52

BID ALTERNATE 3

REVISIONS	BID ALTERNATES	DATE
	PLAN REVISIONS	05/16/2026
	CXT RESTROOM	05/16/2026
WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019		
Lynne Dwyer Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500		
SHEET TITLE	SHADE STRUCTURE COLOR PALETTE	
PROJECT TITLE	OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER	
DRAWN BY: KT		
CHECKED BY: LD		
PROJECT NO. OS2019		
DATE: JUNE 1 2026		
CS-2.00		



- BASEPLATE NOTES:**
- 1. POLIGON ENGINEERING WILL DETERMINE REQUIRED BASEPLATE DESIGN AFTER ENGINEERING PACKAGE IS ORDERED.
 - 2. CUSTOMER MAY SUGGEST PREFERRED BASEPLATE DESIGN.

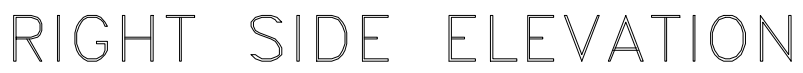
STOP!!
NOT FOR CONSTRUCTION
USE FOR PRELIMINARY
PLANNING AND ESTIMATING
ONLY

DRAWING: COLUMN LAYOUT	
SCALE: 1:40	REV LEVEL: A
	(616)399-1963 www.poligon.com
COPYRIGHT 2016 PATENTED OR PATENTS PENDING PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424	
by PORTERCORP	
SHEET 3	

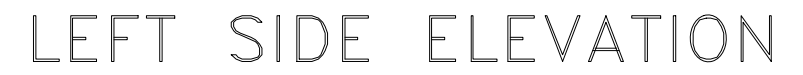
ROOF COLOR TO BE "TUDOR BROWN"
FRAME COLOR TO BE "BARKWOOD"
FOR LOCATIONS OF STRUCTURES, QUANTITIES OF
POSTS, LOCATION OF POSTS REFERENCE SHEETS:
S-1.50, S-1.51, S-1.52

BID ALTERNATE 3

REVISIONS		DATE
	BID ALTERNATES	05/16/2026
	PLAN REVISIONS	05/16/2026
	CXT RESTROOM	05/16/2026
WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019		
Lynne Dwyer Landscape Architect 2616 NORTH FIGUEROA, SUITE A LOS ANGELES, CA 90065 (323) 221-9500		
SHEET TITLE SHADE STRUCTURE COLOR PALETTE		
PROJECT TITLE OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER		
		
DRAWN BY: KT		
CHECKED BY: LD		
PROJECT NO. OS2019		
DATE: JUNE 1 2026		
CS-3.00		



FOR
REFERENCE
ONLY



EMBEDDED MATERIALS			
ITEM	QTY	ITEM	QTY
SI-2	2		
VENT PIPE 9'-0"	2		
3068 DOOR ASSEMBLY	2		
SPRING HINGE 4.5x4.5	6		
ANCHOR NAIL 1/4x3/4	12		
VENT PIPE 3'-0"	2		



PROJECT TITLE
TIOGA
CXT STANDARD BUILDING

NOTICE

The information contained herein is proprietary and the exclusive property of CXT Incorporated. The information may only be used by the original recipient for the purpose intended. Reproduction or distribution of this information is strictly prohibited without the prior written consent of CXT Incorporated. By allowing use of this information, CXT Incorporated grants no warranty, express or implied, including a warranty of merchantability or of fitness for a particular purpose.

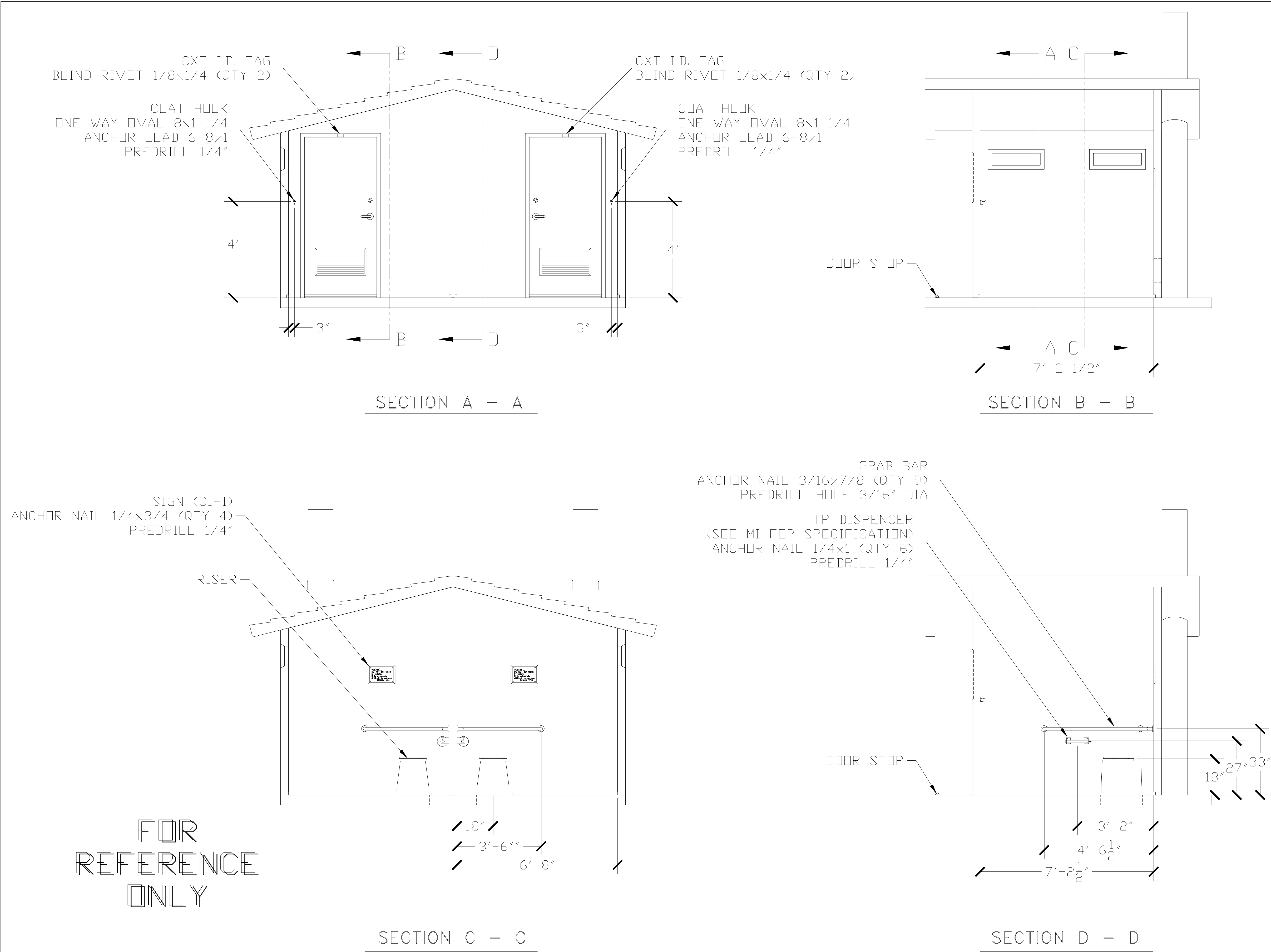
CXT Incorporated

REV.	DESCRIPTION	APPROVAL	DATE
SCALE	1/4"=1'-0"	DATE	07-19-16
DRAWN		FILE NO.	PD-T02
CHECKED		PLOT	48

BUILDING ELEVATIONS

DWG NO.	SHEET	REV.
T-02		

PROJECT TITLE		SHEET TITLE		REVISIONS		DATE	
OAKS STAIRWAY & OVERLOOK EAST FORK, SAN GABRIEL RIVER		CXT RESTROOM		WATERSHED CONSERVATION AUTHORITY 100 N OLD SAN GABRIEL CANYON ROAD AZUSA, CA 91702 PHONE: (626) 815-1019		05/16/2026	
				1 BID ALTERNATES		05/16/2026	
				2 PLAN REVISIONS		05/16/2026	
				3 CXT RESTROOM		05/16/2026	
DRAWN BY: KT							
CHECKED BY: LD							
PROJECT NO. OS2019							
DATE: JUNE 1 2026							
CXT-1.00		2					



EMBEDDED MATERIALS			
ITEM	QTY	ITEM	QTY
RISER	2	ONE WAY OVAL 8x1 1/4	4
GRAB BAR	2	ANCHOR LEAD 6-8x1	4
TP DISPENSER	2	BLIND RIVET 1/8x1/4	4
TOILET PAPER ROLL	4-6		
COAT HOOK	2		
DOOR STOP	2		
SI-1	2		
BLIND RIVET 1/8x1/4	4		
CXT I.D. TAG	2		
ANCHOR NAIL 1/4x1	12		
ANCHOR NAIL 1/4x3/4	8		
ANCHOR NAIL 3/16x7/8	18		
CU. FT. CONC.		SQ. FT. W.W.F.	APPROXIMATE WEIGHT

Precast Products

PROJECT TITLE
TIOGA
CXT STANDARD BUILDING

NOTICE

The information contained herein is proprietary and the exclusive property of CXT Incorporated. The information may only be used by the original recipient for the purpose intended. Reproduction or distribution of this information is strictly prohibited without the prior written consent of CXT Incorporated. By allowing use of this information, CXT Incorporated grants no warranty, express or implied, including a warranty of merchantability or of fitness for a particular purpose.

CXT Incorporated

REV.	DESCRIPTION	APPROVAL	DATE
SCALE	1/4"=1'-0"	DATE	07-19-16
DRAWN		FILE NO.	PD-T03
CHECKED		PLOT	48

INTERIOR ELEVATIONS

DWG NO. T-03	SHEET	REV.
------------------------	-------	------

REVISIONS	DATE
BID ALTERNATES	05/16/2026
PLAN REVISIONS	05/16/2026
CXT RESTROOM	05/16/2026

WATERSHED CONSERVATION AUTHORITY
100 N OLD SAN GABRIEL CANYON ROAD
AZUSA, CA 91702
PHONE: (626) 815-1019

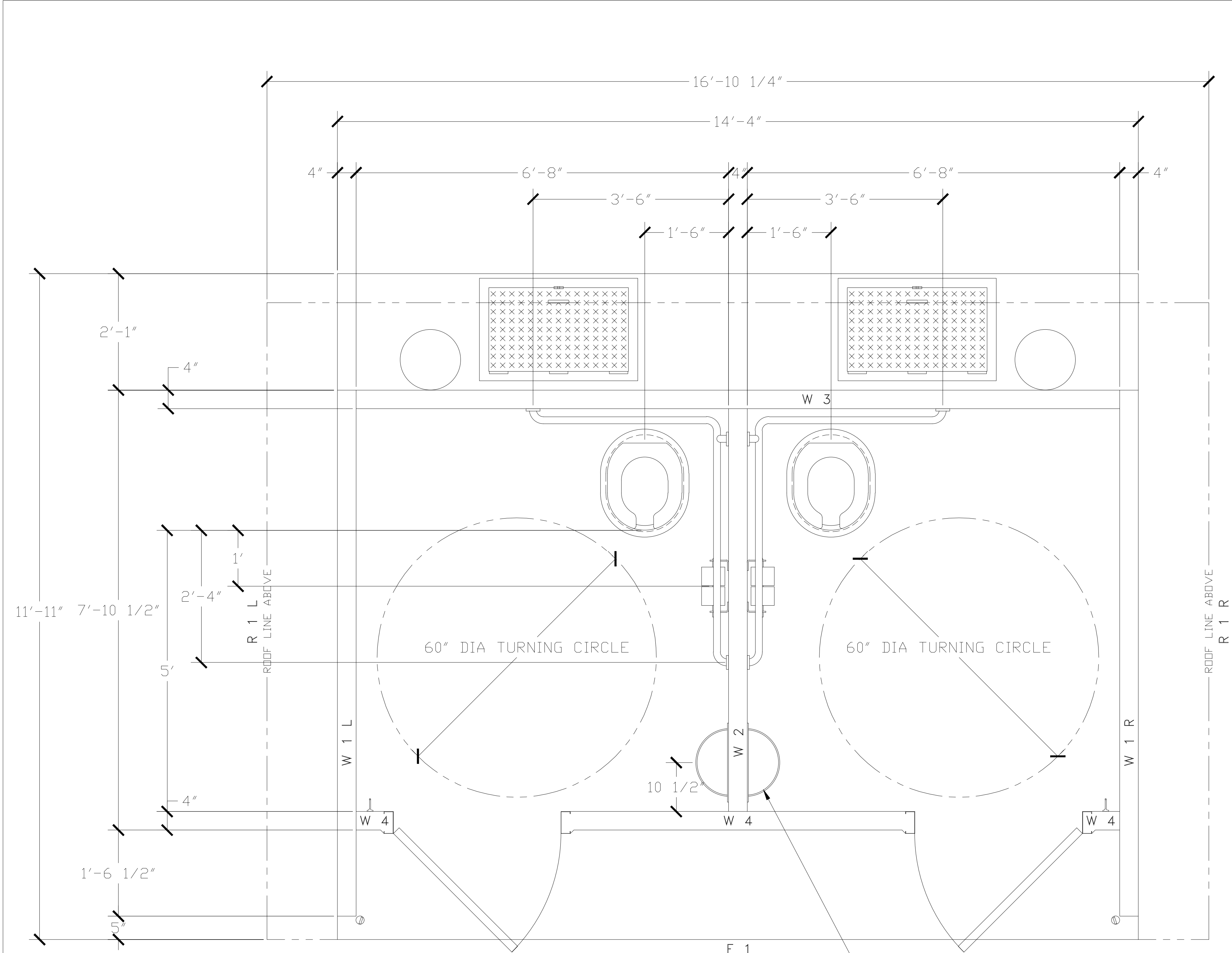
Lynne Dwyer
Landscape Architect
2616 NORTH FIGUEROA, SUITE A
LOS ANGELES, CA 90065
(323) 221-9500

CXT RESTROOM

PROJECT TITLE
OAKS STAIRWAY &
OVERLOOK
EAST FORK,
SAN GABRIEL RIVER

DRAWN BY: KT
CHECKED BY: LD
PROJECT NO. OS2019
DATE: JUNE 1 2026

CXT-2.00



FOR
REFERENCE
ONLY

OPTIONAL WASTE PAPER BASKET
MOUNT BTM 12" OFF FINISHED FLOOR
(SEE MI)



PROJECT TITLE
TIOGA
CXT STANDARD BUILDING

NOTICE
The information contained herein is proprietary and the exclusive property of CXT Incorporated. The information may only be used by the original recipient for the purpose intended. Reproduction or distribution of this information is strictly prohibited without the prior written consent of CXT Incorporated. By allowing use of this information, CXT Incorporated grants no warranty, express or implied, including a warranty of merchantability or of fitness for a particular purpose.

CXT Incorporated			
REV.	DESCRIPTION	APPROVAL	DATE
SCALE	1/2"=1'-0"	DATE	07-19-16
DRAWN		FILE NO.	PD-T04
CHECKED		PLOT	24

FLOOR PLAN

DWG NO. T-04

SHEET

REV.

REVISIONS	BID ALTERNATES	DATE
PLAN REVISIONS		05/16/2026
CXT RESTROOM		05/16/2026

WATERSHED CONSERVATION AUTHORITY
100 N OLD SAN GABRIEL CANYON ROAD
AZUSA, CA 91702
PHONE: (626) 815-1019

Lynne Dwyer
Landscape Architect
2616 NORTH FIGUEROA, SUITE A
LOS ANGELES, CA 90065
(323) 221-9500

CXT RESTROOM

OAKS STAIRWAY &
OVERLOOK
EAST FORK,
SAN GABRIEL RIVER

LICENSED LANDSCAPE ARCHITECT
LYNNE DWYER
5/31/2027
RENEWAL DATE
LICENSE NO. 3907
STATE OF CALIFORNIA

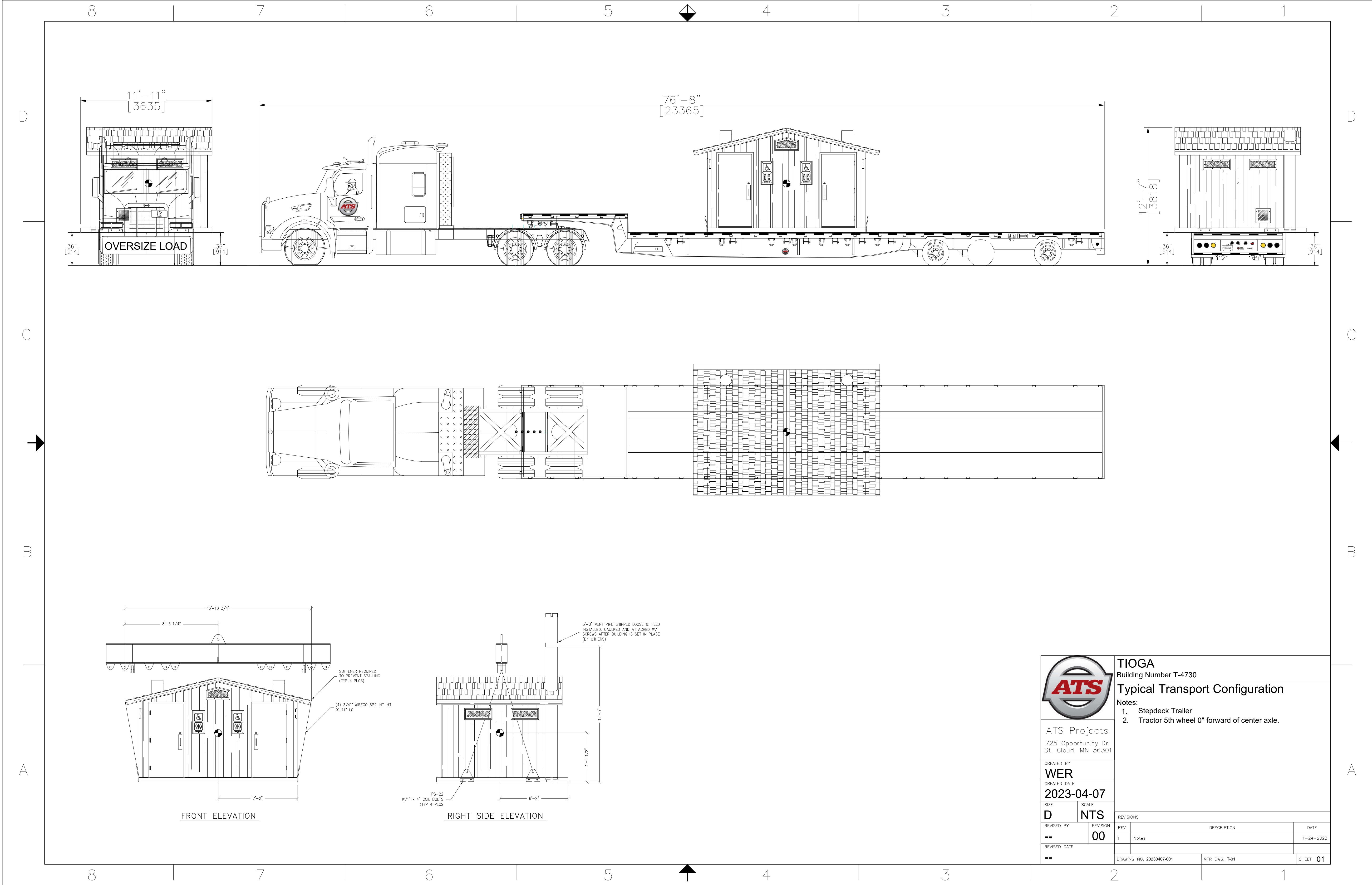
DRAWN BY: KT

CHECKED BY: LD

PROJECT NO. OS2019

DATE: JUNE 1 2026

CXT-3.00



ATS Projects
725 Opportunity Dr.
St. Cloud, MN 56301

CREATED BY
WER

CREATED DATE
2023-04-07

SIZE
D

SCALE
NTS

REVISED BY
--

REVISED DATE
--

TIOGA
Building Number T-4730
Typical Transport Configuration

- Notes:
1. Stepdeck Trailer
 2. Tractor 5th wheel 0" forward of center axle.

REV	DESCRIPTION	DATE
1	Notes	1-24-2023

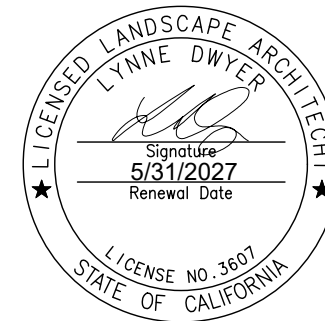
DRAWING NO. 20230407-001 MFR DWG. T-01 SHEET 01

WATERSHED CONSERVATION AUTHORITY
100 N OLD SAN GABRIEL CANYON ROAD
AZUSA, CA 91702
PHONE: (626) 815-1019

Lynne Dwyer
Landscape Architect
2616 NORTH FIGUEROA, SUITE A
LOS ANGELES, CA 90065
(323) 221-9500

CXT RESTROOM

OAKS STAIRWAY &
OVERLOOK
EAST FORK,
SAN GABRIEL RIVER



DRAWN BY: KT

CHECKED BY: LD

PROJECT NO. OS2019

DATE: JUNE 1 2026

CXT-4.00

W-1.00²