#### EARTHWORK AND FOUNDATION EXCAVATION

- 1. SPECIAL INSPECTIONS ARE REQUIRED.
- 2. THE CONTRACTOR SHALL PERFORM EARTHWORK AND FOUNDATION EXCAVATION WORK ACCORDING TO RECOMMENDATIONS IN THE FEBRUARY 12, 2021 GEOTECHNICAL ENGINEERING STUDY REPORT BY CONDOR EARTH (CONDOR) AND OTHER REQUIREMENTS SHOWN ON THESE DRAWINGS.
- THE CONTRACTOR SHALL USE LIGHT COMPACTION EQUIPMENT TO COMPACT BACKFILL NEAR THE BACKSIDES OF STACKED ROCK RETAINING WALLS AND THEY SHALL TAKE CARE NOT TO MOVE/DEFLECT/DE-STABILIZE THE STACKED ROCK DURING BACKFILL PLACEMENT AND COMPACTION.

#### NEW STACKED ROCK RETAINING WALLS AND WALL IMPROVEMENTS

- 1. INSPECTIONS ARE REQUIRED.
- 2. THE CONTRACTOR SHALL FOLLOW CRITERIA IN THE FEBRUARY 12, 2021 GEOTECHNICAL ENGINEERING STUDY REPORT BY CONDOR AND OTHER CRITERIA SHOWN ON THESE DRAWINGS.
- 3. THE CONTRACTOR SHALL SUBMIT GEOTEXTILE FILTER FABRIC DATA AND A CONCRETE MIX DESIGN TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
- 4. THE GEOTEXTILE FILTER FABRIC SHALL BE NON-WOVEN MIRAFI 1120N OR AN APPROVED EQUAL.
- 5. THE CONTRACTOR SHALL PLACE THE GEOTEXTILE FILTER FABRIC ACCORDING TO THE MANUFACTURER GUIDELINES, INCLUDING GUIDELINES FOR 6-INCH-MIN OVERLAP LENGTHS.
- 6. THE CONTRACTOR SHALL SHINGLE OVERLAPS IN A PROPER CONFIGURATION TO REDUCE BACKFILL MITIGATION THROUGH THE OVERLAP AND THROUGH STACKED ROCK.
- 7. THE ENGINEER SHALL EVALUATE THE ROCKS FOR ADEQUATE ANGULARITY AND SIZE BEFORE PLACEMENT.
- 8. THE CONTRACTOR SHALL PLACE THE ROCKS USING CALTRANS METHOD A FOR ROCK SLOPE PROTECTION.
- 9. THE CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES:
  - 28-DAY COMPRESSIVE STRENGTH OF 2,000 POUNDS PER SQUARE INCH
  - NON-AIR-ENTRAINED
  - MAXIMUM WATER/CEMENT RATIO OF 0.67
- MAXIMUM AGGREGATE SIZE OF 3/8-INCH
- CEMENT CONFORMING TO PORTLAND TYPE II (ASTM C150)
- 9. SEE EARTHWORK NOTES.

#### REINFORCED CAST-IN-PLACE CONCRETE

- SPECIAL INSPECTIONS ARE NOT REQUIRED FOR REINFORCED CONCRETE ELEMENTS SHOWN ON THESE DRAWINGS - DRILLED PIERS, MOORINGS, AND THICKENED CONCRETE SLABS OVER STACKED ROCK RETAINING WALLS. SEE BSE DRAWINGS FOR SPECIAL INSPECTION AND OTHER CONSTRUCTION REQUIREMENTS FOR OTHER REINFORCED CONCRETE CONSTRUCTION.
- 2. THE DESIGN COMPRESSIVE STRENGTH OF THE CONCRETE IS 2,500 PSI AT 28 DAYS.
- 3. THE CONCRETE SHALL HAVE NO AIR ENTRAINMENT AND A MAXIMUM WATER/CEMENT RATIO SHALL BE
- 4. THE MAXIMUM AGGREGATE SIZE SHALL BE 1-INCH.
- 5. CEMENT SHALL BE PORTLAND TYPE II CONFORMING TO ASTM C150.
- 6. CONCRETE SHALL CONTAIN A WATER DISPERSING ADMIXTURE APPROXIMATELY 3 TO 5 OUNCES PER SACK OF CEMENT OF GRACE WRDA 64 OR APPROVED EQUAL.
- 7. SLUMP SHALL BE 1 TO 4 INCHES.
- REINFORCING BARS SHALL BE GRADE 60 DEFORMED BARS CONFORMING TO ASTM A615, INCLUDING SUPPLEMENT S1, AND CBC SECTIONS 1907 - 1908 OR ASTM A706 AT WELDED REINFORCEMENT CONDITIONS. LAP SPLICE AND DEVELOPMENT LENGTHS SHALL BE IN ACCORDANCE WITH ACI 318-08, AS DOCUMENTED BY THE CRSI, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
- 9. LAP SPLICE AND DEVELOPMENT LENGTHS SHALL CONFORM TO ACI 318 AS DOCUMENTED BY THE CRSI UNLESS OTHERWISE SHOWN ON THE DRAWINGS.

## **ABBREVIATIONS:**

EF EACH FACE

EG EXISTING GROUND

EW EACH WAY FF FINISH FLOOR GRADE

FG FINISH GRADE

MAX MAXIMUM

MIN MINIMUM

NEW

PROPOSED PLATE OR PROPERTY LINE

SCD SEE CIVIL DOCUMENTS

SOIL SUBGRADE

TOP OF FOOTING TOF

TYP TYPICAL TW TOP OF WALL

## Drawing Index

W1.0 COVER SHEET AND NOTES W2.0 SITE PLAN

W3.0

UNFOLDED ELEVATIONS UNFOLDED ELEVATIONS W3.1

W4.0 DETAILS

W4.1 DETAILS

S1.0 STRUCTURAL SPECIFICATIONS AND PROJECT DATA S1.1

FOUNDATION DETAILS

#### PREPARED BY:

**CONDOR EARTH** PO BOX 3905 21663 BRIAN LANE **SONORA, CALIFORNIA 95370** ANDY KOSITSKY, GE, ENGINEER (209) 532-0361, X2019 akositsky@condorearth.com



03.19.2021 ASK FOR BIDDING 02.26.2021 ASK FOR PERMIT DATE BY DESCRIPTION

TRI-DAM PROJECT

TULLOCH DAY USE SITE

COVER SHEET AND NOTES

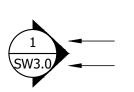


CONDOR EARTH | SHEET 21663 Brian Lane

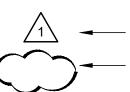
P.O. Box 3905 Sonora, CA 95370 (209) 532-0361 fax(209) 532-0773

www.condorearth.com DRAWN: KGM SCALE: AS SHOWN FILE: CHECKED: SWL

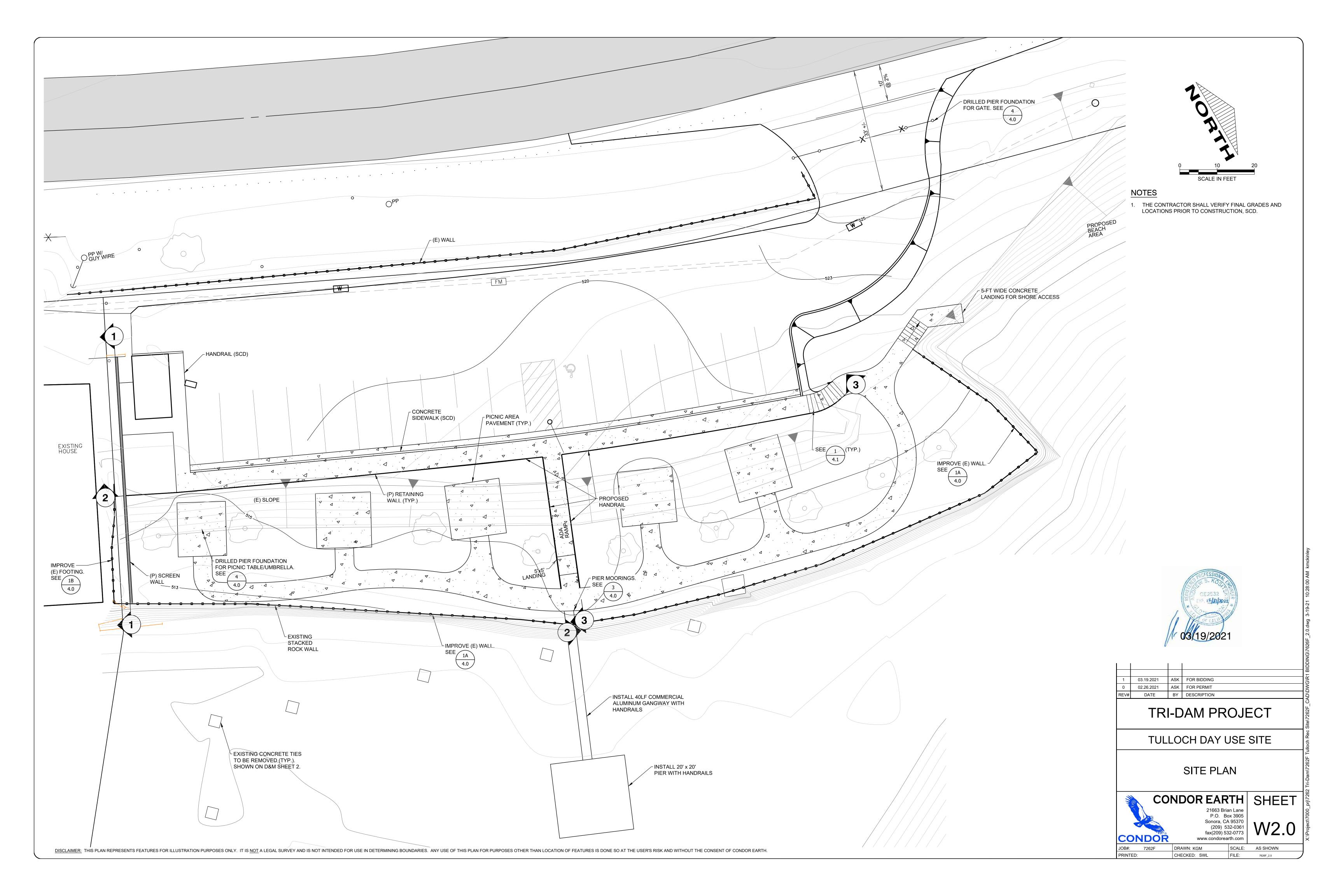
# **SYMBOLS**

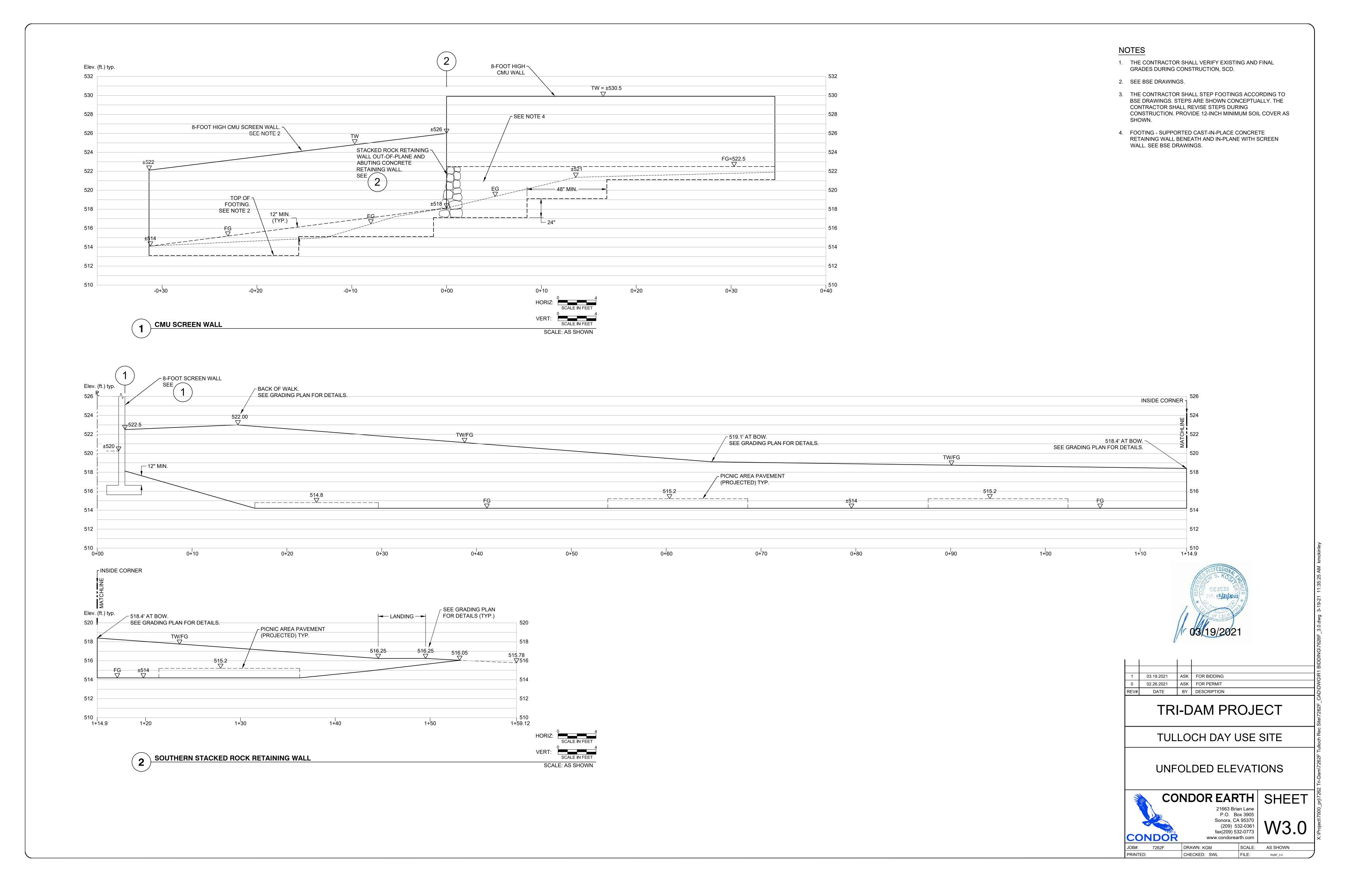


SECTION AND ELEVATION SECTION/ELEVATION/DETAIL IDENTIFICATION SECTION/ELEVATION/DETAIL LOCATION



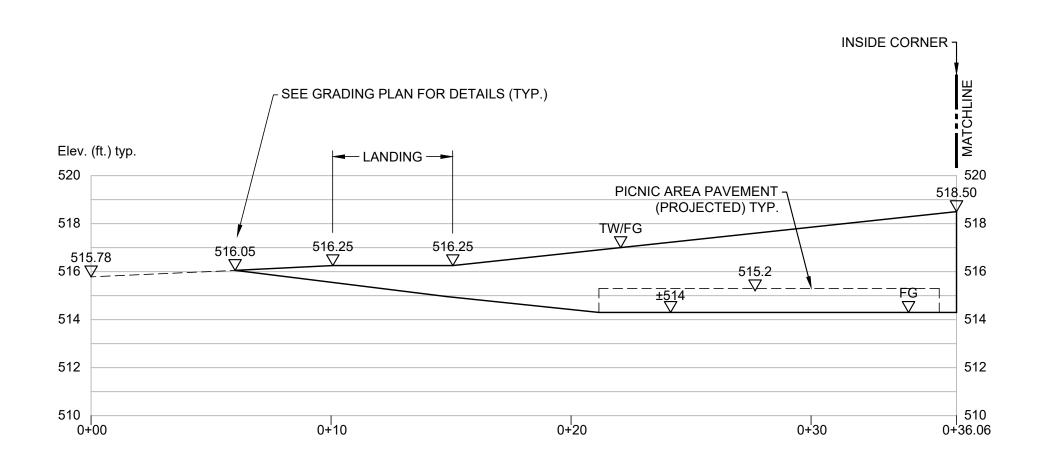
REVISION REVISION NUMBER

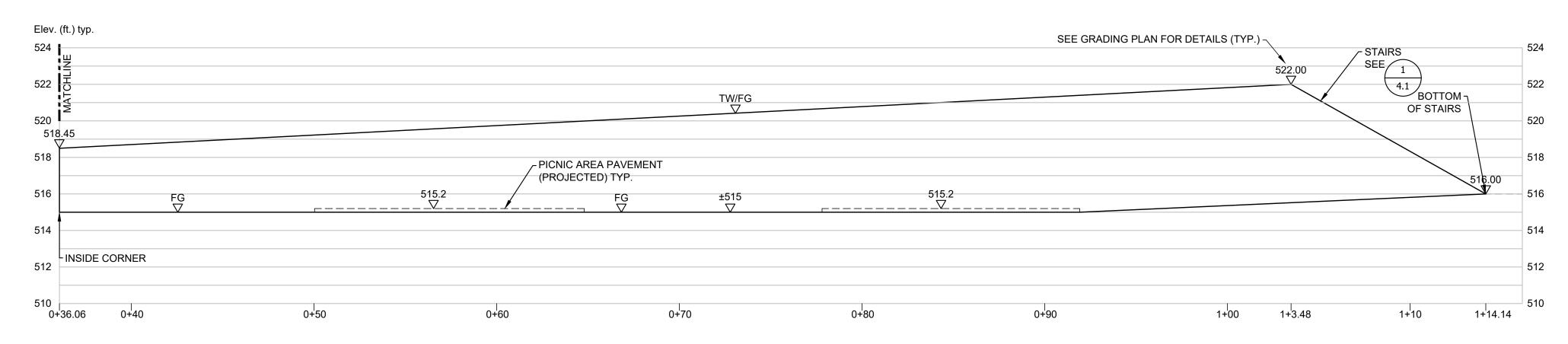




## NOTES

THE CONTRACTOR SHALL VERIFY EXISTING AND FINAL GRADES DURING CONSTRUCTION, SCD.





3 NORTHERN STACKED ROCK RETAINING WALL SCALE: AS SHOWN



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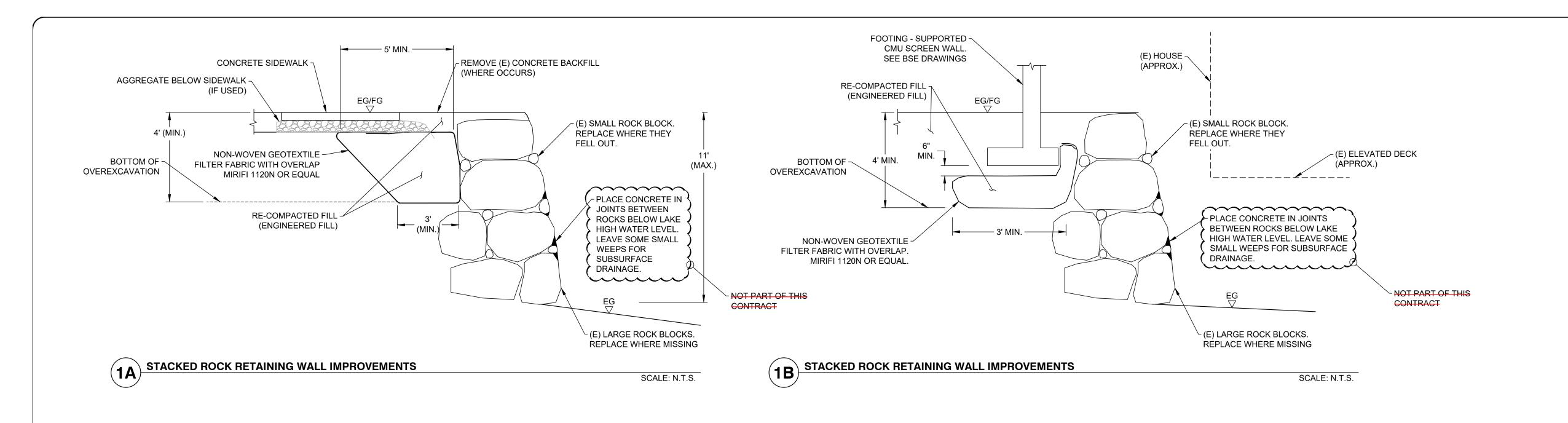
TRI-DAM PROJECT

TULLOCH DAY USE SITE

UNFOLDED ELEVATION

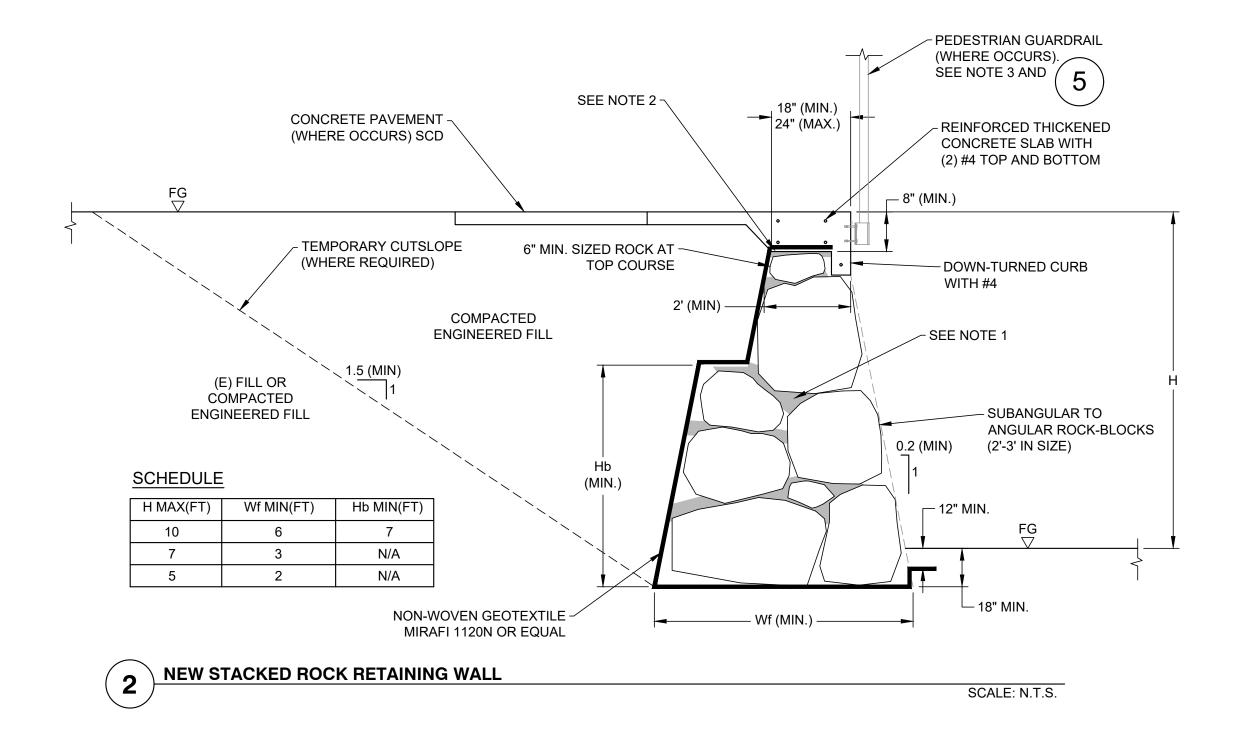


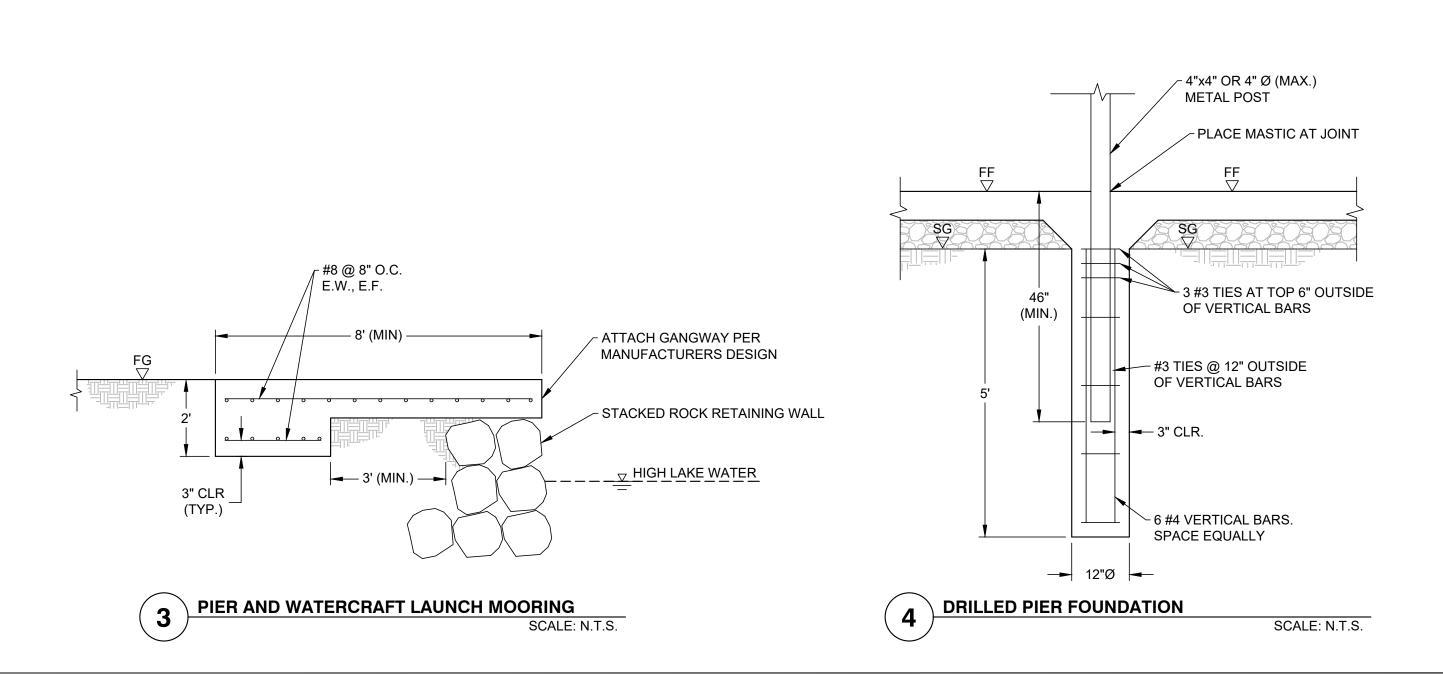
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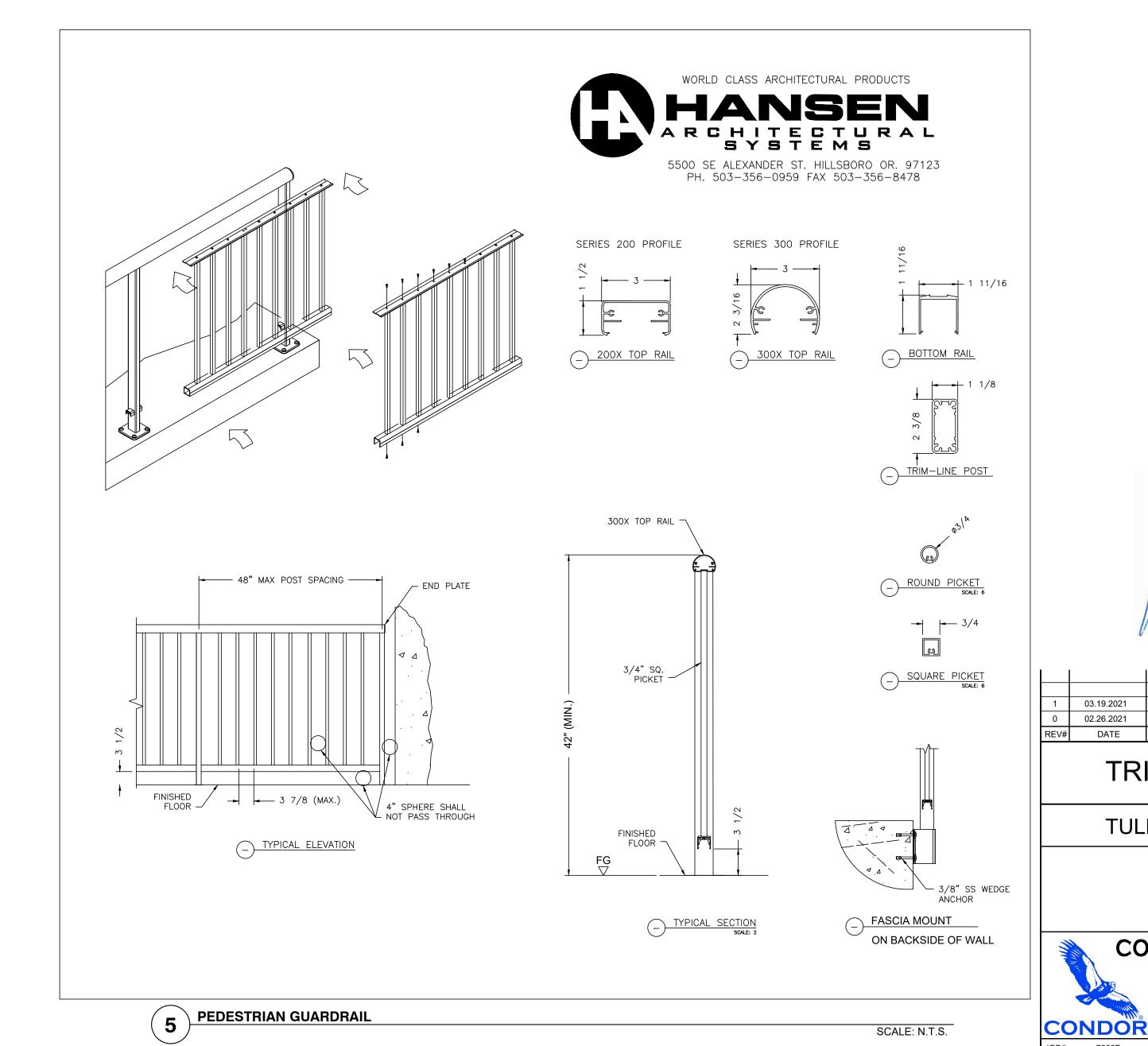


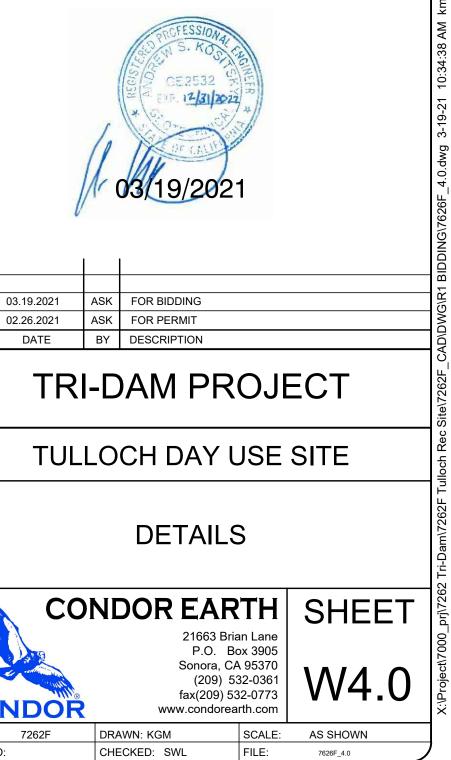
### NOTES

- PLACE CONCRETE SLURRY OVER EACH LIFT IMMEDIATELY PRIOR TO PLACING NEXT LIFT.
- 2. STRIKE CONCRETE OVER TOP LIFT LEVEL AND PLACE FILTER FABRIC OVER CONCRETE AND BENEATH THICKENED SLABS
- SCD FOR LOCATIONS. USE HANSEN ARCHITECTURAL SYSTEM SERIES 200 FACIA MOUNT OR APPROVED EQUAL.

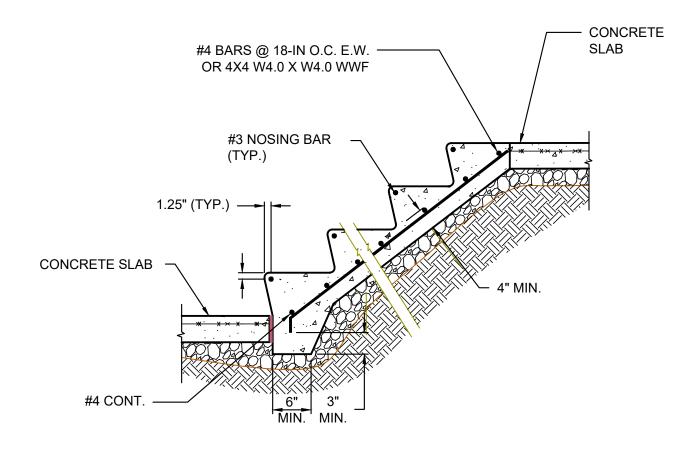








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SCALE: N.T.S.



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REV#	DATE	BY	DESCRIPTION

# TRI-DAM PROJECT

TULLOCH DAY USE SITE

DETAILS

% COI	NDOR EAR	TH	SHEE	_ 7
CONDOR	21663 Bria P.O. Bo Sonora, CA (209) 53 fax(209) 53 www.condoreal	W4.		
OB#: 7262F	DRAWN: KGM	SCALE:	AS SHOWN	
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EXISTING CONDITIONS

CONSTRUCTION LIABILITY

### <u>GENERAL</u>

DEVICES.

THE OWNER SHALL EMPLOY A SPECIAL INSPECTOR DURING CONSTRUCTION ON THE FOLLOWING TYPES OF WORK, AND FOR ANY ADDITIONAL REQUIREMENTS OF THE BUILDING OFFICIAL WHERE APPLICABLE:

#### PROVIDE INSPECTION DURING THE PLACEMENT OF ALL CONCRETE IN CONFORMANCE WITH CBC SECTIONS 1705.3 AND 1903, EXCEPT DURING THE INSTALLATION OF CONCRETE FOR NON-STRUCTURAL SLABS-ON-GRADE, STRUCTURAL CONCRETE DESIGNED FOR 2500 PSI, AND AS OTHERWISE EXCEPTED BY THE CBC.

GRADING, EXCAVATION & FILLING PROVIDE PERIODIC INSPECTION DURING GRADING, EXCAVATION AND FILLING OPERATIONS AS SPECIFIED BY THE GEOTECHNICAL REPORT, AND IN CONFORMANCE WITH CBC SECTION 1705.6, UNLESS EXCEPTED BY CBC SECTION 1803.2

VERIFY MATERIALS PERIODIC 2. VERIFY EXCAVATIONS PERIODIC CLASSIFICATION AND TESTING PERIODIC VERIFY LIFTS AND COMPACTION CONTINUOUS 5. OBSERVE SUBGRADE PERIODIC

REINFORCING STEEL PROVIDE CONFORMANCE WITH CBC SECTION AND TABLE 1705.3, AND 1705.12.1 WHERE PART OF THE SEISMIC FORCE-RESISTING SYSTEM, AND VERIFY THAT MILL CERTIFICATES INDICATE REINFORCING STEEL TO BE IN COMPLIANCE WITH PROJECT SPECIFICATIONS. PROVIDE PERIODIC OR CONTINUOUS INSPECTION AS REQUIRED OF THE PLACEMENT OF ALL REINFORCING STEEL FOR CONCRETE, SHOTCRETE, AND STRUCTURAL MASONRY THAT IS REQUIRED TO HAVE INSPECTION. PROVIDE CONTINUOUS INSPECTION DURING THE INSTALLATION OF ALL MECHANICAL COUPLING

STRUCTURAL MASONRY PROVIDE INSPECTION DURING ALL MASONRY CONSTRUCTION IN CONFORMANCE WITH CBC SECTION 1705.4.

EPOXY ANCHORING SYSTEMS INSPECT PERIODICALLY DURING ALL EPOXY ANCHORING INSTALLATIONS. ALL TESTS SHALL BE IN ACCORDANCE WITH CBC CHAPTER IT AND RESPECTIVE ICC-ES REPORT(S). THE CONTRACTOR MUST SUBMIT A TEST REPORT TO THE ENGINEER AND THE LOCAL BUILDING DEPARTMENT.

THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE HIS OR HER COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION. THE SPECIAL INSPECTOR OF RECORD MUST BE CERTIFIED BY INTERNATIONAL ACCREDITATION SERVICE (IAS), AND SHALL FURNISH A SPECIAL INSPECTION PROPOSAL OR STATEMENT OF SPECIAL INSPECTIONS BASED UPON THE APPLICABLE DESIGN DRAWINGS, SPECIFICATIONS, AND SPECIAL INSPECTION REQUIREMENTS DESCRIBED HEREIN IN CONFORMANCE WITH CBC CHAPTER 17.

DUTIES AND RESPONSIBILITES OF THE SPECIAL INSPECTOR THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPLICABLE DESIGN DRAWINGS, SPECIFICATIONS AND SPECIAL INSPECTION PROGRAM AS DEFINED BY CBC SECTION 1704, AS WELL AS SECTION 1705.11 FOR WIND RESISTANCE AND 1705.12 FOR SEISMIC RESISTANCE. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE, THE ARCHITECT OR PROJECT MANAGER, THE ENGINEER, THE CONTRACTOR, AND OTHER PERSONS DESIGNATED BY THE OWNER OR OWNER'S REPRESENTATIVE. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND IF UNCORRECTED TO THE PROPER DESIGN AUTHORITY AND TO THE BUILDING OFFICIAL.

THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CBC AS REQUIRED BY CBC SECTION 1704.2.4.

DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR CONTRACTOR SHALL REVIEW AND COMPLY WITH CONTRACTOR RESPONSIBILITIES FOR SPECIAL INSPECTION AS DEFINED BY CBC SECTION PLANS AND CALCULATIONS FOR THE STRUCTURAL DESIGN WERE BASED UPON: 2019 CALIFORNIA BUILDING CODE

ASCE STANDARD 7-16 - GEOTECHNICAL REPORT BY CONDOR EARTH TECHNOLOGIES, PROJECT No. 7262F, DATED FEBRUARY 12, 2021

2. DESIGN DATA IS AS FOLLOWS: <u>LATERAL</u> WIND PRESSURE: ASCE 7-16, ENVELOPE PROCEDURE (PART I) Fs = qh G Cf  $q = 0.00256 \, K_z \, K_{zT} \, K_d \, K_e \, V^2$ h = 15' MAX $K_z = 0.85$  $K_{zr} = 1.0$  $K_a = 0.85$ K<sub>e</sub> = 1.00 Y = 95 MPH FOR RISK CATEGORY II BUILDINGS AND OTHER STRUCTURES 6 = 0.85 C,= 1.3

FOUNDATIONS BEARING PRESSURES 2,600 PSF (DEAD + LIVE LOADING) 3,330 PSF (DEAD + LIVE + SEISMIC/WIND LOADING) FRICTION COEFFICIENT EQUIVALENT PASSIVE PRESSURE 250 PCF 40 PCF

# PROJECT DATA

EQUIVALENT ACTIVE PRESSURE

	AB	ANCHOR BOLT	EN	EDGE NAILING	PJP	PARTIAL JOINT
	LDA	ADJUSTABLE	ELEV	ELEVATION		PENETRATION
	ABV	ABOVE	ENGR	ENGINEER		PLYMOOD
	ADD'L	ADDITIONAL	EQ	EQUAL	PSF	POUNDS PER
	ACI	AMERICAN	EQUIP	EQUIPMENT		SQUARE FOOT
		CONCRETE		EXISTING	PSI	POUNDS PER
		INSTITUTE	EXP	EXPANSION		SQUARE INCH
	AESS	ARCHITECTURALLY	FIN	FINISH	PRESS	PRESSURE
		EXPOSED STRUCTURAL	FN	FIELD NAILING	PT	PRESSURE
	A 10 0	STEEL	FLR	FLOOR	R	TREATED
	AISC	AMERICAN	FTG	FOOTING	REINF	RADIUS REINFORCING
		INSTITUTE OF	FDN	FOUNDATION	REQ'D	REQUIRED
	ASTM	STEEL CONSTR. AMERICAN SOCIETY	FRMG FS	FRAMING FAR SIDE	RM	ROOM
	ASIM	FOR TESTING	6A	GAUGE	SCHED	SCHEDULE
		# MATERIALS	GALV	GALVANIZED	SHTG	SHEATHING
	ARCH'L	ARCHITECT(URAL)	GLB	GLULAM BEAM	SHT	SHEET
	BM	BEAM	GRD	GRADE	SIM	SIMILAR
	BD	BOARD	HD	HOLDOWN/HOT-DIPPED	SLRS	SEISMIC LOAD
	BLK	BLOCK	HGR	HANGER	3213	RESISTING
	BLKG	BLOCKING	HDR	HEADER		SYSTEM
	BOT	BOTTOM	HT	HEIGHT	SMF	SPECIAL MOMENT
	BLDG	BUILDING	HS	HIGH STRENGTH	االماح	FRAME
	BN	BOUNDARY NAILING	HORIZ	HORIZONTAL	SPEC	SPECIFICATION
	CBC	CALIFORNIA BUILDING	IN	INCH	SS	SELECT STRUCTURAL
		CODE	ID_	INSIDE DIAMETER	SSMA	STEEL STUD
	CLG	CEILING	INT	INTERIOR		MANUFACTURER'S
	CLR	CLEAR	JST LAM	JOIST LAMINATED		ASSOCIATION
	COL	COLUMN	LT MT	LIGHT WEIGHT	STGR	STAGGER(ED)
	CMU	CONCRETE	MAS	MASONRY	STD	STANDARD
		MASONRY UNIT	MAX	MAXIMUM	STL	STEEL
	LO	CONSTRUCTION	MB	MACHINE BOLT	STIFF	STIFFENER
	00	JOINT	MBM	METAL BUILDING	SQ	STRUCTURAL SQUARE
	CJP	COMPLETE JOINT		MANUFACTURER	SYM	SYMMETRICAL
		PENETRATION	MTL	METAL	THK	THICK
	CONC	CONCRETE	MIN	MINIMUM	TOS	TOP OF SLAB/STEEL
	CONN	CONNECTION	(N)	NEM	TO	TOP OF
	CONST	CONSTRUCTION	NTS	NOT TO SCALE	UNO	UNLESS
	CONT	CONTINUOUS	NO OR #			NOTED
	CSK	COUNTERSINK	NS	NEAR SIDE		OTHERWISE
	DEMO	DEMOLISH/DEMOLITION	OC	ON CENTER	VERT	VERTICAL
	DET	DETAIL	OPNG	OPENING	MT_	MEIGHT
	DIAG	DIAGONAL	OPP OD	OPPOSITE OUTSIDE DIAMETER	MME	WELDED WIRE
	DIA (P)	DIAMETER	LEMO	OPEN-WEB STEEL JOIST	Alallal	FABRIC WELDED WIRE
	DIM DBL	DIMENSION DOUBLE	PAF	POWER ACTUATED	MMM	MESH
	DMG	DRAWING		FASTENER	ME	MIDE FLANGE
	EA	EACH	門	PLATE	M/	WITH
	EF	EDGE FASTENING		NAILS SIZE	• 4	
	••					
1						

SPECIAL INSPECTIONS

**ABBREVIATIONS** 

7600 North Palm Avenue uite 200 / Fresno, CA 9371 office 559.261.858 BARCUS STRUCTURAL fax 559.261.8580 ENGINEERING ebsite www.BarcusInc.com

02.12.2021 | ASK | FOR PERMIT REV# DATE BY DESCRIPTION TRI-DAM PROJECT

TULLOCH DAY USE SITE

STRUCTURAL SPECIFACTIONS & PROJECT DATA

CONDOR

PRINTED: 02-12-21

CONDOR EARTH | SHEET 21663 Brian Lane P.O. Box 3905 Sonora, CA 95370

FILE: STRUCTURAL SPEC'S & PROJECT DATA

(209) 532-0361 fax(209) 532-0773 www.condorearth.com JOB#: 20CTE-07 DRAWN: MRH

CHECKED: KJN

STRUCTURAL SPECIFICATIONS

PRIOR TO ORDERING OR FABRICATING ANY MATERIAL, THE CONTRACTOR

CONDITIONS. ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND

CONTRACTOR IS ALERTED TO THE POSSIBILITY THAT EXISTING STRUCTURAL MATERIALS UNSUITABLE FOR REUSE DUE TO DETERIORATION MAY BE

DISCOVERED DURING THE COURSE OF CONSTRUCTION. THESE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER FOR REVIEW AND APPROVAL OF PROPOSED REPLACEMENT MATERIALS.

CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS AGREE THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB

SITE CONDITIONS DURING THE COURSE OF PROJECT CONSTRUCTION, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS

REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS; AND THE CONSTRUCTION

PERFORMANCE OF WORK IN THIS PROJECT, EXCEPT FOR LIABILITY

ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL

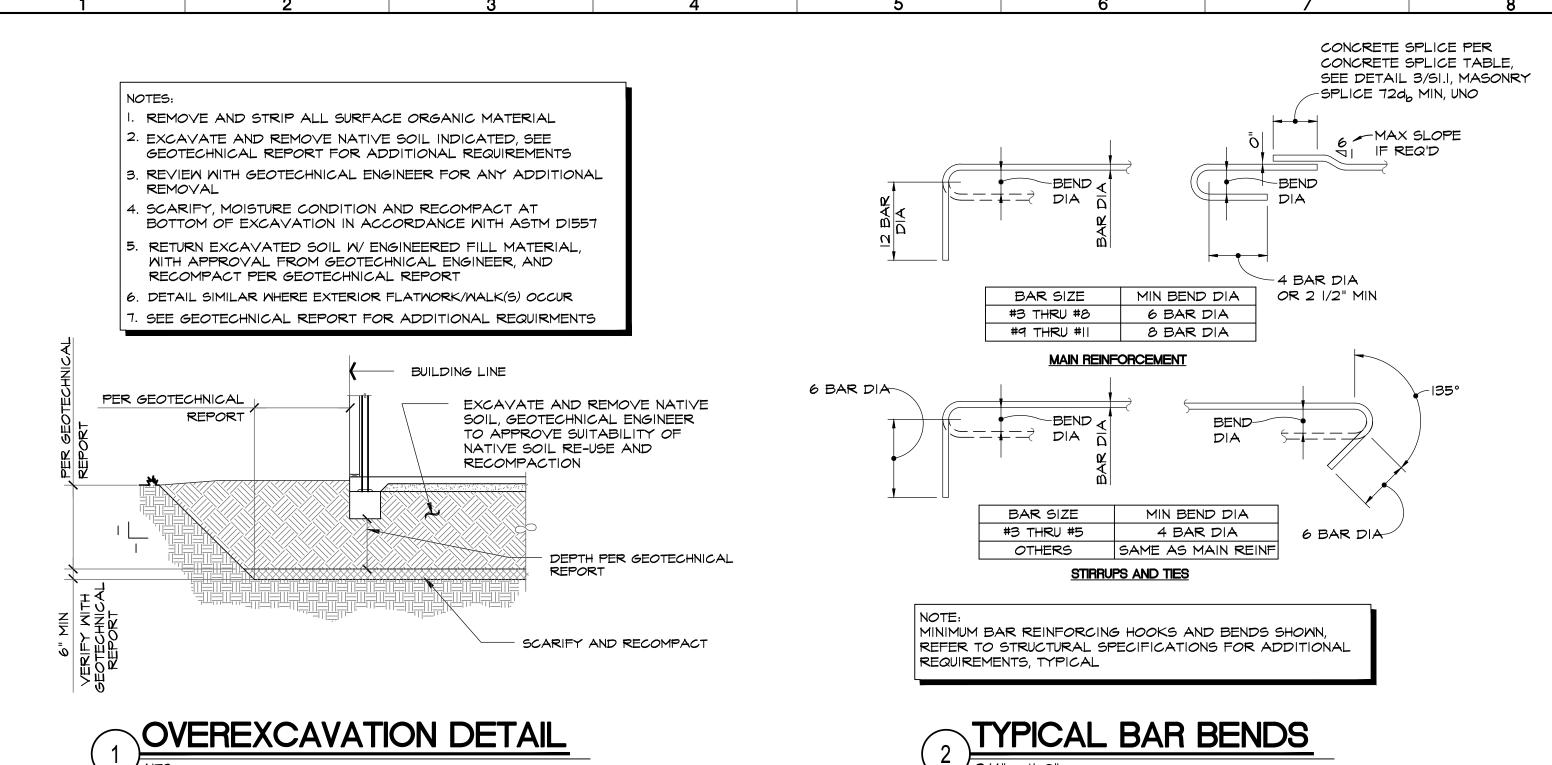
CONTRACTOR AND HIS SUBCONTRACTORS FURTHER AGREE TO DEFEND INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE

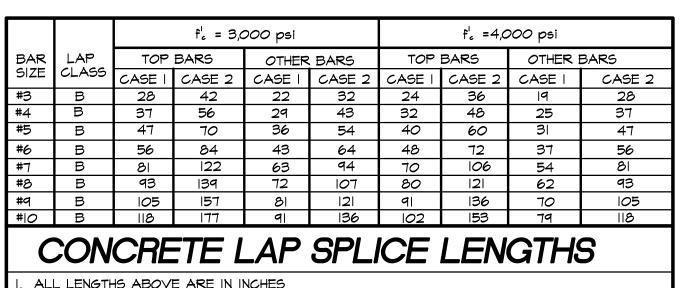
SHALL FIELD VERIFY ALL CONTROLLING FIELD DIMENSIONS AND

ATTENTION OF THE ARCHITECT AND ENGINEER. IN ADDITION, THE

CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE

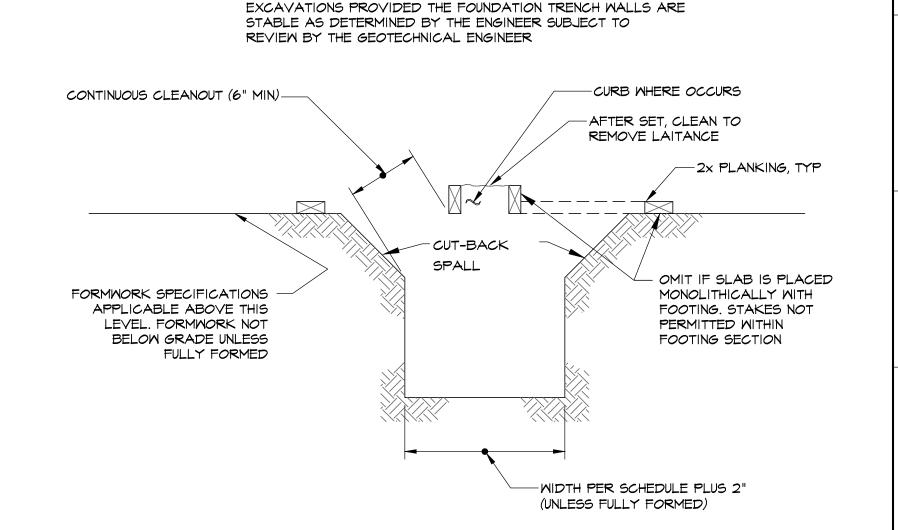
DISCLAIMER: THIS PLAN REPRESENTS FEATURES FOR ILLUSTRATION PURPOSES ONLY. IT IS NOT A LEGAL SURVEY AND IS NOT INTENDED FOR USE IN DETERMINING BOUNDARIES. ANY USE OF THIS PLAN FOR PURPOSES OTHER THAN LOCATION OF FEATURES IS DONE SO AT THE USER'S RISK AND WITHOUT THE CONSENT OF CONDOR EARTH.





ALL LENGTHS ABOVE ARE IN INCHES CASES I AND 2, WHICH DEPEND ON THE TYPE OF STRUCTURAL ELEMENT, CONCRETE COVER, AND THE CENTER-TO-CENTER SPACING OF THE BARS, ARE DEFINED AS: CASE 1: COVER AT LEAST 1.0 d AND C.-C. SPACING AT LEAST 2.0 d CASE 2: COVER LESS THAN 1.0 d OR C.-C. SPACING LESS THAN 2.0 d ALL OTHERS CASE I: COVER AT LEAST I.O & AND C.-C. SPACING AT LEAST 3.0& CASE 2: COVER LESS THAN I.O & OR C.-C. SPACING LESS THAN 3.0& TOP BARS ARE HORIZONTAL BARS WITH MORE THAN I2 INCHES OF CONCRETE CAST BELOW THE BARS

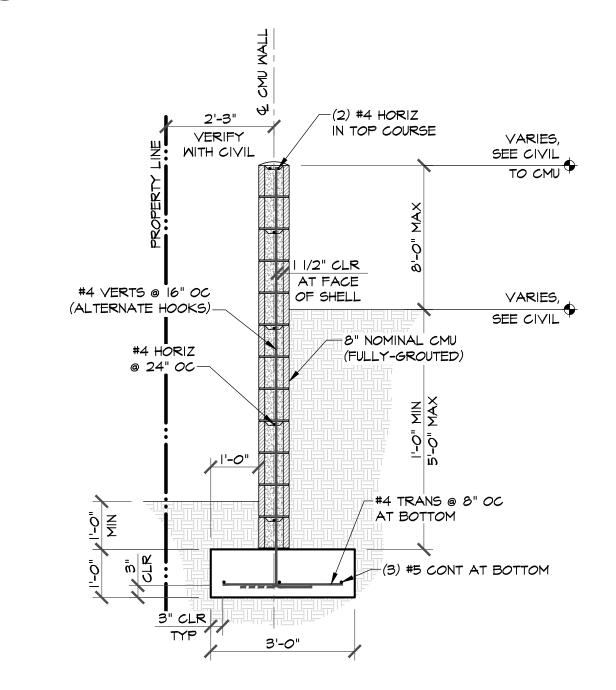
FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY TABULATED VALUES BY 1.3 5. FOR EPOXY-COATED BARS, MULTIPLY THE TABULATED VALUES BY ONE OF THE FOLLOWING CONCRETE COVER AND SPACING OTHER BARS TOP BARS COVER < 3.0 d, OR C.-C. SPACING < 7.0 d 1.7/1.3 = 1.31 1.50 COVER > 3.0 d AND C.-C. SPACING > 7.0d 1.20



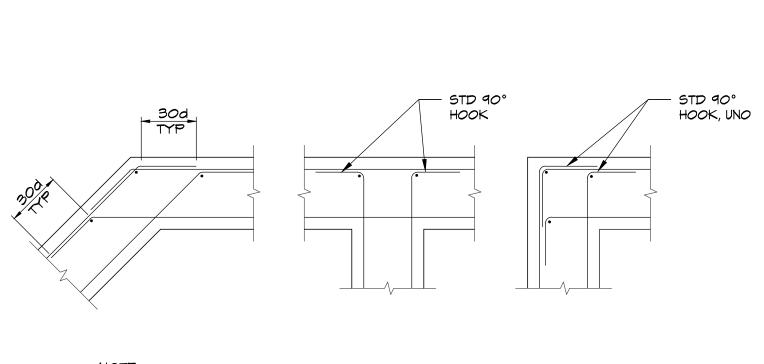
FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT

# FOUNDATION FORMWORK

CONCRETE LAP SPLICE LENGTHS

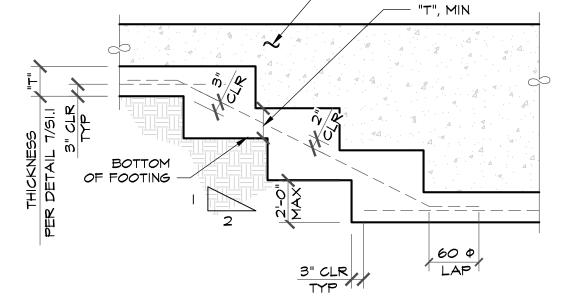






VERTICAL REINFORCING NOT SHOWN FOR CLARITY

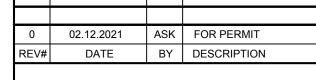




CMU STEMMALL PER DETAIL 7/SI.I

CONTINUOUS SPREAD FOOTING





TRI-DAM PROJECT

TULLOCH DAY USE SITE

FOUNDATION DETAILS



BARCUS STRUCTURAL ENGINEERING

CONDOR

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