

COUNTY OF SAN MATEO CALIFORNIA

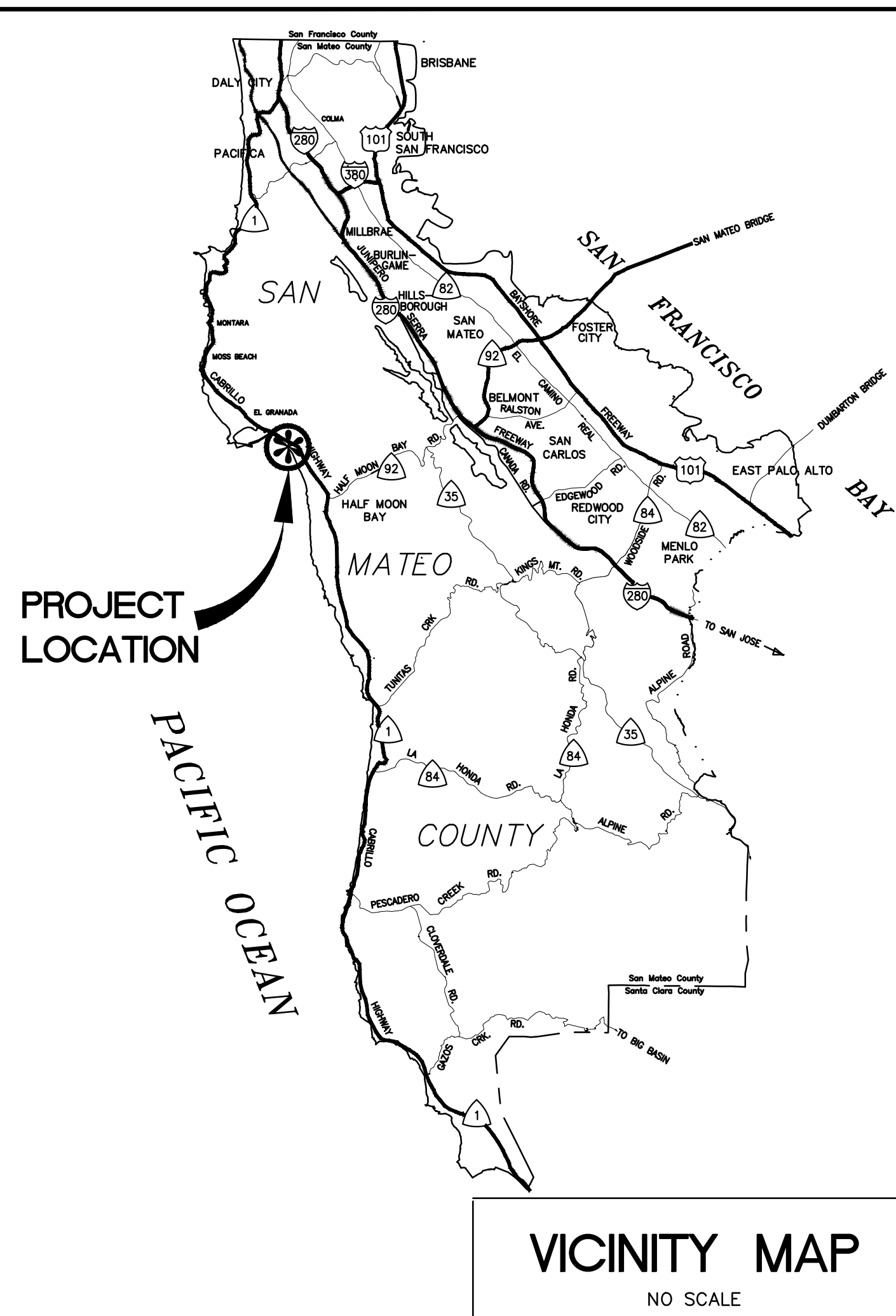
MIRADA ROAD

PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT TOTAL PROJECT LENGTH, APPROXIMATELY 0.05 MILE(S)

TO BE SUPPLEMENTED BY STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS
DATED MAY 2018 AND ADOPTED BY SAN MATEO COUNTY, FEBRUARY 11, 2020, BY RESOLUTION NO. 077277



APPROVED: _____
DATE: 01/31/2022
Ann Mader Stillman
ANN MADER STILLMAN,
INTERIM DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882 / EXPIRES 12-31-2023



ABBREVIATIONS:

ABN	ABANDONED
AC	ASPHALT CONCRETE
ACP	ASBESTOS CONCRETE PIPE
BFP	BACK FLOW PREVENTER
CL	CENTER LINE
CP	CONTROL POINT
CONC	CONCRETE
DEP	DEPRESSED
DIA	DIAMETER
DW	DRIVEWAY
Ø	DIAMETER
E	ELECTRIC
ELE	ELECTRICAL
ELEC	ELECTRICAL
FDC	FIRE DEPARTMENT CONNECTION
FH	FIRE HYDRANT
FL	FLOW LINE
G	GAS
GB	GRADE BREAK
GV	GAS VALVE
HV	HIGH VOLTAGE
HYD	HYDRANT
IRT	IRRIGATION
JT	JOINT TRENCH LIGHTING CONDUIT
L	LOW POINT
PR	PROPOSED
RW	RIGHT OF WAY
SD	STORM DRAIN
SL	STREET LIGHT
SS	SANITARY SEWER
SUAS	SMALL UNMANNED AERIAL SYSTEM
TEW	TOP BACK OF WALL
TC	TOP OF CURB
TEL	TELEPHONE
TYP	TYPICAL
TFW	TOP FACE OF WALL
TW	TOP OF WALL
VIF	VERIFY IN FIELD
W	WATER
WV	WATER VALVE

LEGEND:

—SD—	SD
---	STORM DRAIN LINE (EX)
---	STORM DRAIN LINE (EX) PROFILE
---SS---	SS
---	SANITARY SEWER LINE "ACTIVE"
---	SANITARY SEWER LINE "ACTIVE" PROFILE
---W---	W
---	WATER LINE "ACTIVE"
---	WATER LINE "ACTIVE" PROFILE
---W---	W
---	ACP WATER LINE (Abn)
---	ACP WATER LINE (Abn) PROFILE
---G---	G
---	GAS LINE (Abn)
---	GAS LINE (Abn) PROFILE
---G---	G
---	GAS LINE "ACTIVE"
---	GAS LINE "ACTIVE" PROFILE
---JT---	JT
---	JOINT COMMUNICATION LINE (EX)
---	JOINT COMMUNICATION LINE (EX) PROFILE
---	RIGHT OF WAY

LEGEND:

	FIRE HYDRANT
	FIRE HYDRANT MARKERS
	MAILBOX
	SIGN
	MONUMENT
	BENCHMARK
	DRIVEWAY NUMBER
	HOUSE NUMBER ADDRESS
	DETAIL NUMBER AND SHEET
	EXISTING TREE
	FENCE / WALL
	CLASS 1 FLEXIBLE OBJECT MARKER
	NAIL AND WASHER
	(xxx.xx) = EXISTING ELEVATION xxx.xx = PROPOSED ELEVATION
	+0.00 = STATION (00.00) 00.00 = (EXIST ELE) PR ELE AT LIP OF GUTTER
	WM WATER METER
	WV WATER VALVE
	GV GAS VALVE
	JUP JOINT UTILITY POLE
	TP TELEPHONE POLE
	GWA GUY WIRE ANCHOR
	SSM SANITARY SEWER MANHOLE
	SSC SANITARY SEWER CLEANOUT
	SSF SANITARY SEWER FLUSHING INLET
	SDM STORM DRAIN MANHOLE
	UD UNDERDRAIN
	BUBB-UP BOX
	MH UNKNOWN MANHOLE

NOTES:

- CONTRACTOR SHALL CONFINE HIS OPERATIONS AND ACTIVITIES WITHIN THE PROJECT LIMITS, CONSISTING OF ROAD RIGHT-OF-WAY, RIGHTS OF ENTRY AND/OR PROJECT CONFORMS, AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
- CONTINUOUS DUST CONTROL SHALL BE PROVIDED AS REQUIRED BY SECTION 10-5 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- LOCATIONS AND DEPTHS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITIES TO DETERMINE EXACT LOCATIONS AND DEPTHS. CONTRACTOR SHALL CALL USA NORTH 811 (USA) UNDERGROUND SERVICE ALERT A MINIMUM OF FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY EXCAVATION OR TRENCHING WORK. USA MAY BE CONTACTED EITHER ON-LINE AT USANORTH811.ORG OR BY PHONE BY DIALING (800) 227-2600 OR 811. WHEN CALLING, BE PREPARED TO GIVE LOCATION AND NATURE OF WORK, START DATE, COMPANY NAME, ADDRESS AND TELEPHONE NUMBER.
- PLANS MAY NOT SHOW ALL EXISTING WATER, GAS OR SANITARY SEWER LATERALS. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION AND PRESERVATION OF ALL SUCH FACILITIES WHICH ARE NOT TO BE RELOCATED.
- CONTRACTOR IS ADVISED THAT EXCAVATION MAY CONFLICT WITH SANITARY SEWER LATERALS, GAS LINES, WATER LINES AND OTHER UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- DRIVEWAY OPENINGS AND CONFORM LOCATIONS SHOWN ARE APPROXIMATE ONLY. EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- NO TREES, VEGETATION OR IMPROVEMENTS (INCLUDING FENCES) SHALL BE REMOVED WITHOUT THE PRIOR WRITTEN CONSENT AND APPROVAL OF THE ENGINEER. VEGETATION AND IMPROVEMENTS WHICH ARE DESIGNATED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. REFER TO PROJECT SPECIAL PROVISIONS SECTION 17 REGARDING REQUIREMENTS FOR ADVANCE NOTIFICATION OF PROPERTY OWNERS.
- THE SURVEY AND ASSOCIATED STAKING SHALL BE IN CONFORMANCE WITH SECTION 100, CONSTRUCTION STAKING AND LAYOUT OF THE SPECIAL PROVISIONS.
- WHEN DIRECTED BY THE ENGINEER, CUT AND FILL SLOPE RATIOS SHALL BE VARIED TO AVOID TREES OR OTHER EXISTING IMPROVEMENTS.
- CONTRACTOR SHALL EXERCISE CARE WHEN EXCAVATING NEAR TREES AND ROOTS OF TREES TO REMAIN. SEE SECTION 19 OF THE SPECIAL PROVISIONS.
- ANY DAMAGE, AS A RESULT OF THE CONTRACTOR'S OPERATION, TO PAVEMENT AND BASE MATERIAL THAT IS TO REMAIN SHALL BE REPAIRED, OR REMOVED AND REPLACED WITH SAME TYPE OF MATERIAL OR APPROVED EQUAL, AS DIRECTED BY THE ENGINEER, AND AT THE SOLE EXPENSE OF THE CONTRACTOR. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE ADEQUACY OF THE COMPLETED REMEDIAL WORK.
- CONTRACTOR'S ATTENTION IS DIRECTED TO THE CONSTRUCTION CENTERLINE ALIGNMENTS LISTED BELOW:
"M-CL" LINE - MIRADA ROAD (BETWEEN MEDIO AVENUE AND RAMONA WAY)
"NORTH WALL"
"SOUTH WALL"
"WEST STAIR WALL"
"EAST STAIR WALL"

BENCHMARKS:

VERTICAL DATUM FOR THIS PROJECT IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) PER NATIONAL GEODETIC BENCHMARK DESIGNATED N1240. A GPS OPUS WAS PERFORMED AND NGS BENCHMARK N1240 WAS TIED OUT AND FOUND TO BE 0.17' ABOVE THE GPS ELEVATION. PREVIOUS SURVEYS IN THE AREA FOUND AN ERROR OF 0.19' WHEN TYING INTO N1240 AND HELD THE NGS BENCHMARK. BENCHMARK N1240 HELD FOR THIS SURVEY TO MATCH PREVIOUS SURVEY EFFORTS OF THE AREA. NGS BENCHMARK HT1441 WAS ALSO SEARCHED FOR AS A CHECK, BUT WAS NOT RECOVERED. BENCHMARK MAY HAVE BEEN DESTROYED OR BURIED.

BASIS OF BEARINGS:

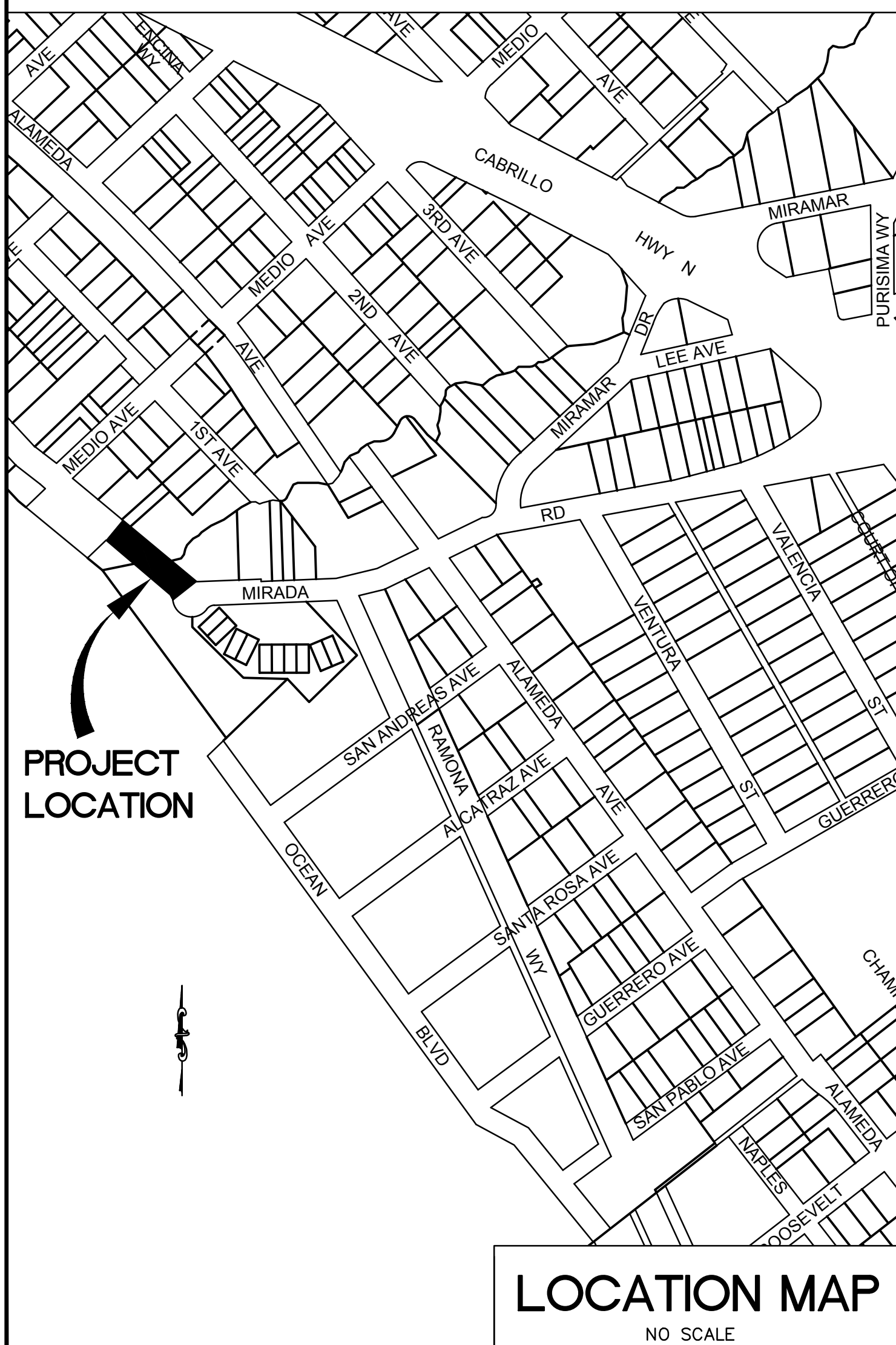
5 MAPS 58, CORNER RECORD #0871B AND 112 M. 47 HAVE VARYING BASIS OF BEARINGS. TO ACHIEVE 5 MAPS 58 AND CORNER RECORD #0871B BEARINGS ROTATE 0°10'28" TO BEARINGS SHOWN. TO ACHIEVE 112 M. 47 BEARINGS ROTATE BEARINGS BY 0°01'14" TO BEARINGS SHOWN.

APPLICABLE STANDARD PLANS:

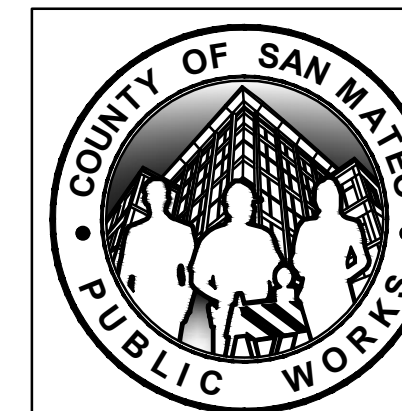
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SHEET INDEX:

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3	C03	DEMOLITION PLAN
4	C04	IMPROVEMENT PLAN
5	C05	GRADING AND UTILITY PLAN
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15	S1	GENERAL BRIDGE PLAN
16	S2	ABUTMENT DETAILS
17	S3	STAIRCASE DETAILS NO. 1
18	S4	STAIRCASE DETAILS NO. 2



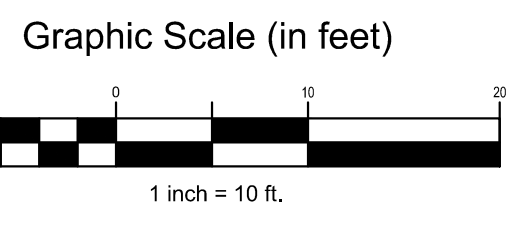
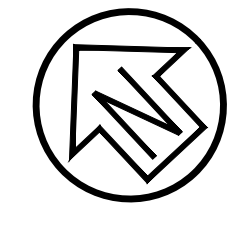
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Pleasanton, California, 94588
http://www.cswst2.com
925.523.4001
ROBERT C. STEVENS, P.E.
R.C.E. # 058660 EXPIRES 12/31/2022



DESIGNED BY: CSW/ST2 (RCS)	TITLE SHEET & GENERAL NOTES MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT	SCALE: AS SHOWN
CHECKED BY: CSW/ST2 (RCS)		DATE: 01/14/2022
DRAWN BY: CSW/ST2 (CSE)		FILE NO.: 1/4983
ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063	C01 SHEET 1 OF 18
REVISION	DATE	FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



APPROVED: *Ann Mader Stillman*
 DATE: 1/31/2022
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 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023



BROPHY'S BEACH
5 M 58
CORNER RECORD
#0871B
DATED 4/25/03

407 MIRADA ROAD

445 MIRADA ROAD

201 MIRADA ROAD

MIRADA ROAD

CASA MIRA
PARCEL 2
112 M 47

2 MIRADA ROAD

LEGEND

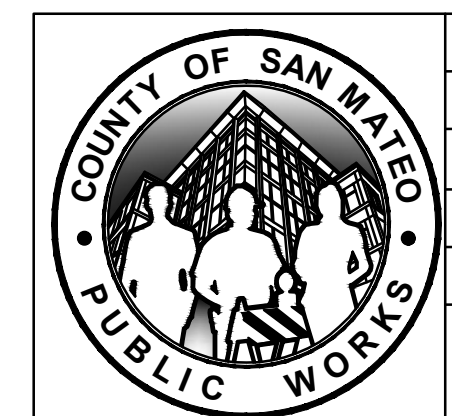
- BOUNDARY OFFSITE
- CONTOUR MAJOR (5' INTERVAL)
- FENCE
- GRADE BREAK LINE
- MONUMENT LINE
- PG&E PRIMARY
- PG&E SECONDARY
- SEWER
- STORM DRAIN
- STEEL PIPE
- TOE OF BANK
- TOP OF BANK
- CREEK
- STREET MONUMENT
- IRON PIPE LS 7701
- CONTROL POINT AND AERIAL TARGETS

ABBREVIATIONS

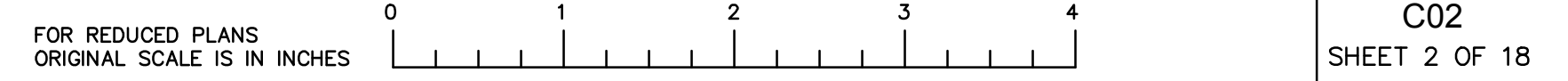
- | | | | |
|------|----------------------------|------|------------------------------|
| AC | ASPHALT CONCRETE | IRR | IRRIGATION |
| BFP | BACK FLOW PREVENTER | L | LIGHTING CONDUIT |
| CL | CENTER LINE | RW | RIGHT OF WAY |
| CP | CONTROL POINT | SD | STORM DRAIN |
| CONC | CONCRETE | SL | STREET LIGHT |
| DEP | DEPRESSED | SS | SANITARY SEWER |
| E | ELECTRIC | SUAS | SMALL UNMANNED AERIAL SYSTEM |
| ELEC | ELECTRICAL | TBW | TOP BACK OF WALL |
| EOC | EDGE OF CONCRETE | TC | TOP OF CURB |
| FDC | FIRE DEPARTMENT CONNECTION | TELE | TELEPHONE |
| FH | FIRE HYDRANT | TYP | TYPICAL |
| FL | FLOW LINE | TFW | TOP FACE OF WALL |
| G | GAS | TW | TOP OF WALL |
| GV | GAS VALVE | W | WATER |
| HV | HIGH VOLTAGE | WV | WATER VALVE |
| HYD | HYDRANT | | |

PLAN SCALE 1"=10'

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DESIGNED BY: CSW/ST2 (RCS)	EXISTING CONDITIONS MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT	SCALE: AS SHOWN
CHECKED BY: CSW/ST2 (RCS)		DATE: 01/14/2022
DRAWN BY: CSW/ST2 (CSE)		FILE NO.: 1/4983
ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063
REVISION	DATE	C02 SHEET 2 OF 18

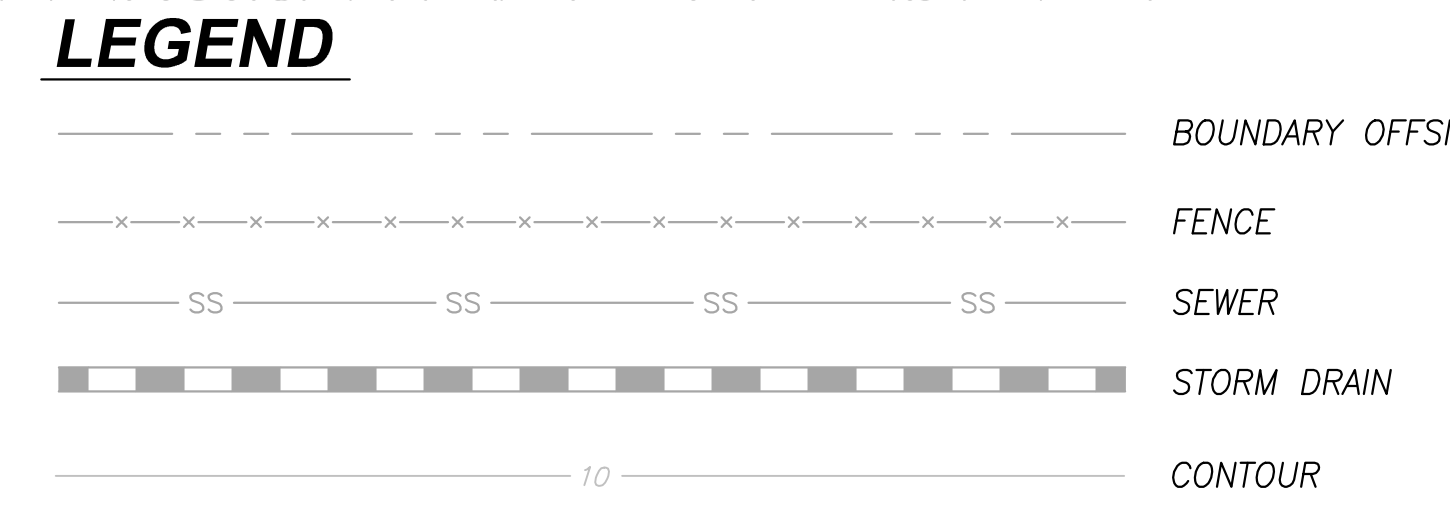
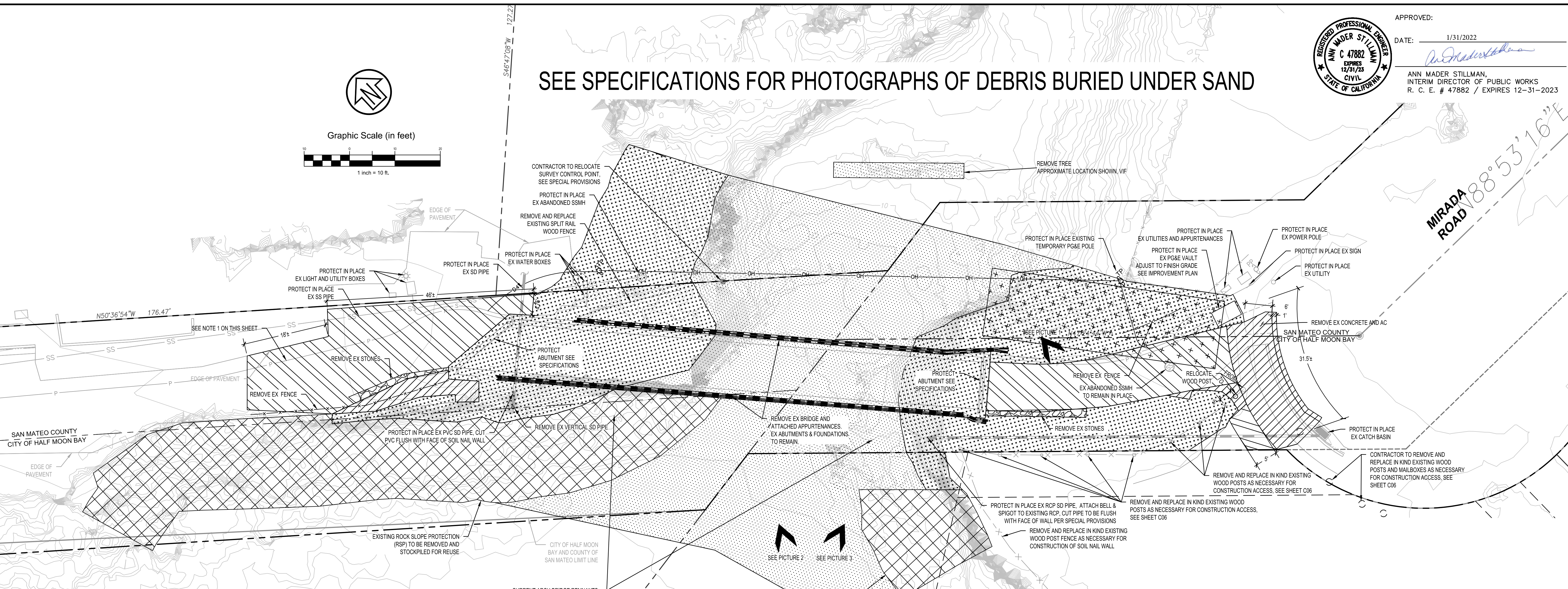


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 R. C. E. # 47882 / EXPIRES 12-31-2023

SEE SPECIFICATIONS FOR PHOTOGRAPHS OF DEBRIS BURIED UNDER SAND



LEGEND

- BOUNDARY OFFSITE
- FENCE
- SEWER
- STORM DRAIN
- CONTOUR

HATCH LEGEND

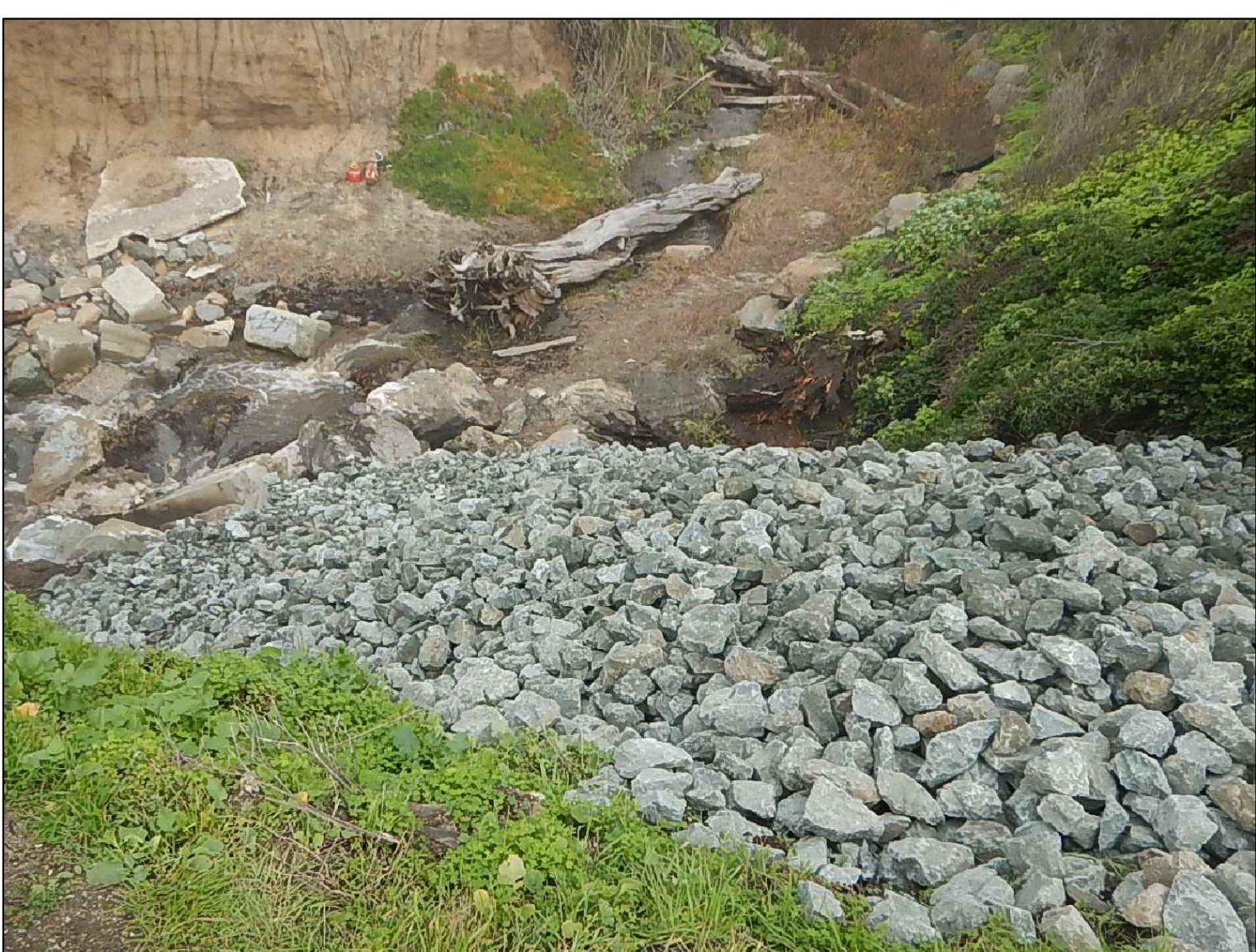
- CLEAR AND GRUB
- REMOVE AND DISPOSE OF EXISTING AC, CONCRETE, CURB & GUTTER TO REQUIRED DEPTH. FOR CONCRETE, SAWCUT AT NEAREST EX JOINT BEYOND, VIF.
- 2" AC GRIND
- REMOVE EXISTING RSP & STOCKPILE FOR REUSE
- REMOVE AND DISPOSE OF FALLEN CONCRETE BRIDGE STRUCTURE, ROCKS, WOOD, AND OTHER DEBRIS FROM BEACH AND CREEK BED WHICH MAY BE BURIED UNDER SAND, SEE PICTURES ON THE PLAN
- REMOVE AND DISPOSE OF EXISTING STONES FROM STONE WALL
- TEMPORARY ACCESS ROAD

NOTES

- CONTRACTOR TO POTHOLE TO DETERMINE LOCATION OF ELECTRIC CONDUIT PRIOR TO COMMENCING WORK
- MODIFICATIONS TO THE ORIGINAL BRIDGE ABUTMENTS AND FOUNDATION ARE REQUIRED FOR THE INSTALLATION OF THE IMPROVEMENTS TO THE SITE, CONTRACTOR SHALL REVIEW SPECIFICATIONS FOR FURTHER DETAIL.

ABBREVIATIONS

AC	ASPHALT CONCRETE
EX	EXISTING
PP	POWER POLE
SD	STORM DRAIN
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
SDMH	STORM DRAIN MANHOLE
VIF	VERIFY IN FIELD



PICTURE 1
SOUTHEAST SIDE OF BRIDGE AT TOP OF SLOPE FACING NORTHEAST



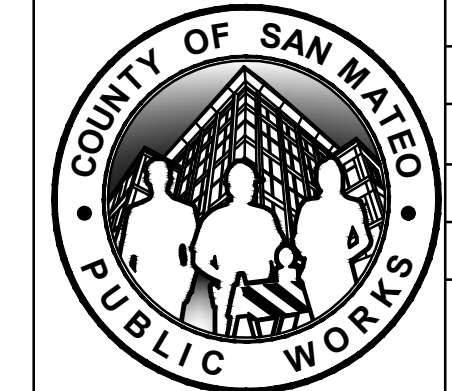
PICTURE 2
WEST SIDE OF BRIDGE IN THE CREEK FACING WEST, FACING NORTHEAST



PICTURE 3
WEST SIDE OF BRIDGE IN THE CREEK FACING EAST

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 http://www.cswst2.com
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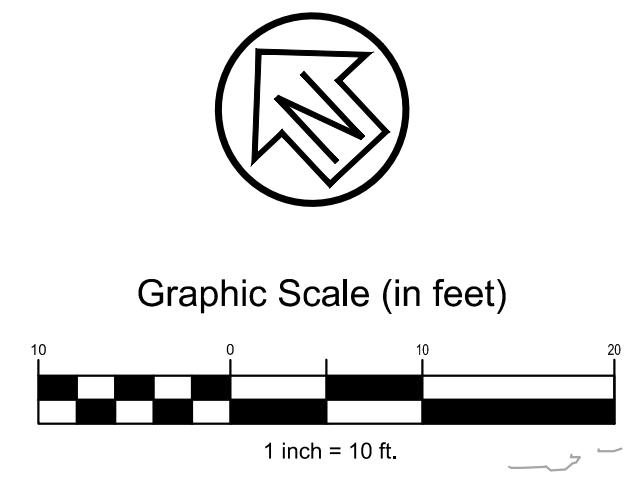
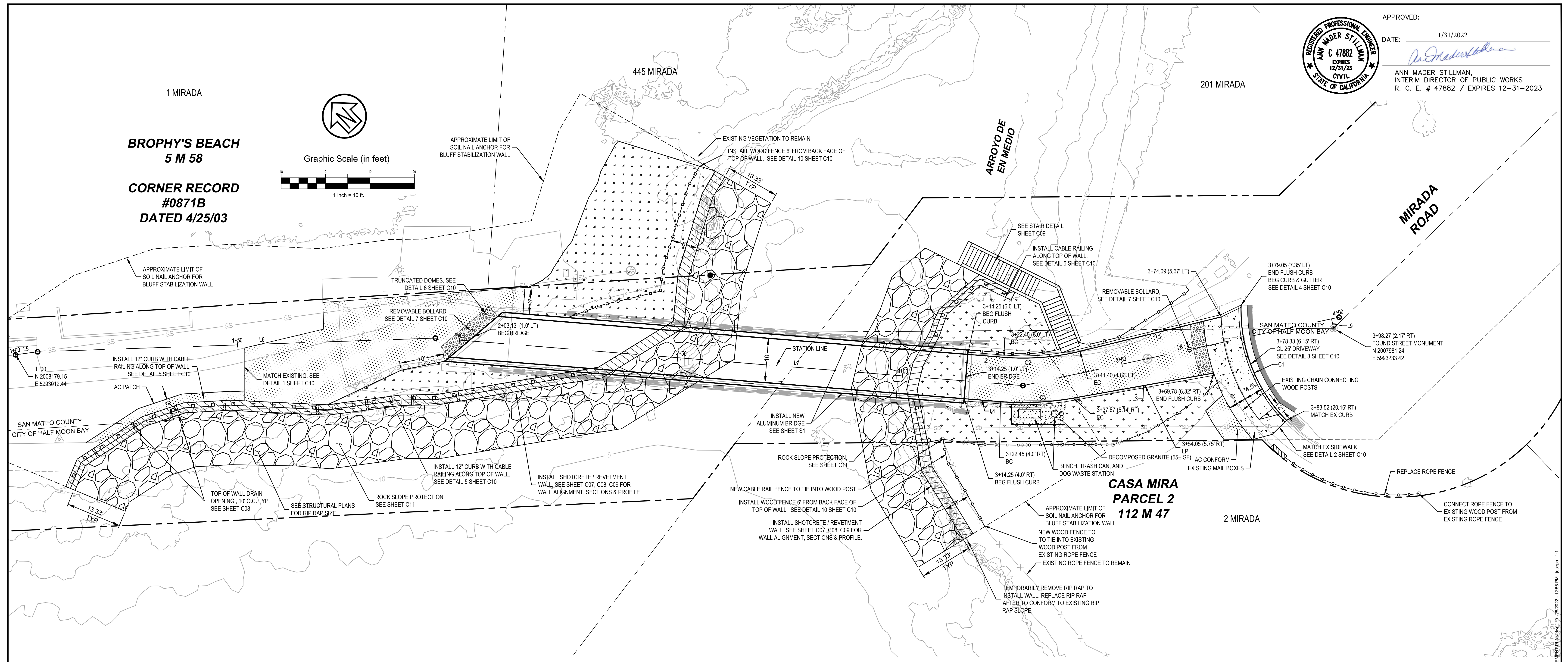


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DRAWN BY: CSW/ST2 (CSE)		FILE NO.: 1/4983	
ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063	
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES		C03 SHEET 3 OF 18	

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APPROVED: *Ann Mader Stillman*
 DATE: 1/31/2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023



BROPHY'S BEACH
5 M 58
CORNER RECORD
#0871B
DATED 4/25/03

1 MIRADA

445 MIRADA

201 MIRADA

MIRADA ROAD

CASA MIRA
PARCEL 2
112 M 47

2 MIRADA

HATCH LEGEND

- 4" AC OVERLAY TO A THICKNESS TO MATCH GRADES SHOWN ON GRADING PLAN
- CONCRETE SIDEWALK
- 12" AC PLUG
- HYDROSEED WITH NATIVE PLANTS
- SHOTCRETE/REVETMENT WALL
- TRUNCATED DOMES
- DECOMPOSED GRANITE
- RIP RAP, SEE NOTE 1

LEGEND

- BOUNDARY OFFSITE
- CONTOUR MAJOR (5' INTERVAL)
- CONTOUR MINOR (1' INTERVAL)
- STAINLESS CABLE RAILING, SEE DETAIL 5 ON SHEET C10
- WOOD FENCE, SEE DETAIL 10 ON SHEET C10
- ROPE FENCE MATCH EXISTING
- GRADE BREAK LINE
- MONUMENT LINE
- RIGHT OF WAY
- TOE OF BANK
- TOP OF BANK
- APPROXIMATE LIMIT OF SOIL NAIL ANCHOR

PLAN SCALE 1"=10'

Line #	Length	Direction
L1	32.71	N60° 40' 13"W
L2	8.20	N42° 23' 05"W
L3	32.13	S57° 06' 01"E
L4	8.20	S42° 23' 05"E
L5	5.00	S54° 48' 06"E
L6	89.54	S48° 57' 46"E
L7	132.67	S42° 23' 05"E
L8	72.78	S59° 12' 14"E
L9	2.17	N30° 47' 46"E

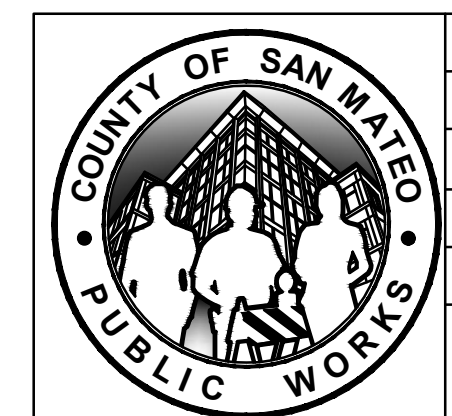
Curve #	Length	Radius	Delta
C1	28.66	35.00	046°54'57"
C2	19.12	55.05	019°53'50"
C3	16.44	64.00	014°42'55"

ABBREVIATIONS

- AC ASPHALTIC CONCRETE
- BC BEGIN CURVE
- BEG BEGIN
- CL CENTER LINE
- CP CONTROL POINT
- CONC CONCRETE
- DEP DEPRESSURED
- EC END CURVE
- ELEC ELECTRICAL
- EX EXISTING
- FDC FIRE DEPARTMENT CONNECTION
- FH FIRE HYDRANT
- FL FLOW LINE
- G GAS
- GV GAS VALVE
- LP LOW POINT
- LT LEFT
- RT RIGHT
- SD STREET LIGHT
- SL SANITARY SEWER
- SS SMALL UNMANNED AERIAL SYSTEM
- TBW TOP BACK OF WALL
- TC TOP OF CURB
- TELE TELEPHONE
- TYP TYPICAL
- TFW TOP FACE OF WALL
- TW TOP OF WALL
- W WATER
- WV WATER VALVE

NOTES:
 1. EXISTING RIP RAP TO BE STOCKPILED FOR REUSE, SEE WALL DETAIL PLANS BY MOFFATT AND NICHOL FOR SPECIFICATIONS.

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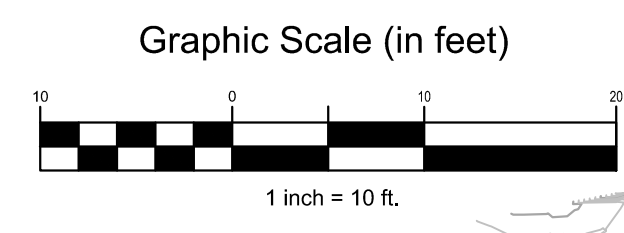
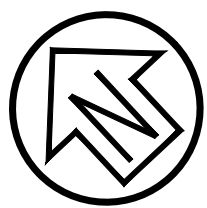


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DRAWN BY: CSW/ST2 (CSE)		FILE NO.: 1/4983
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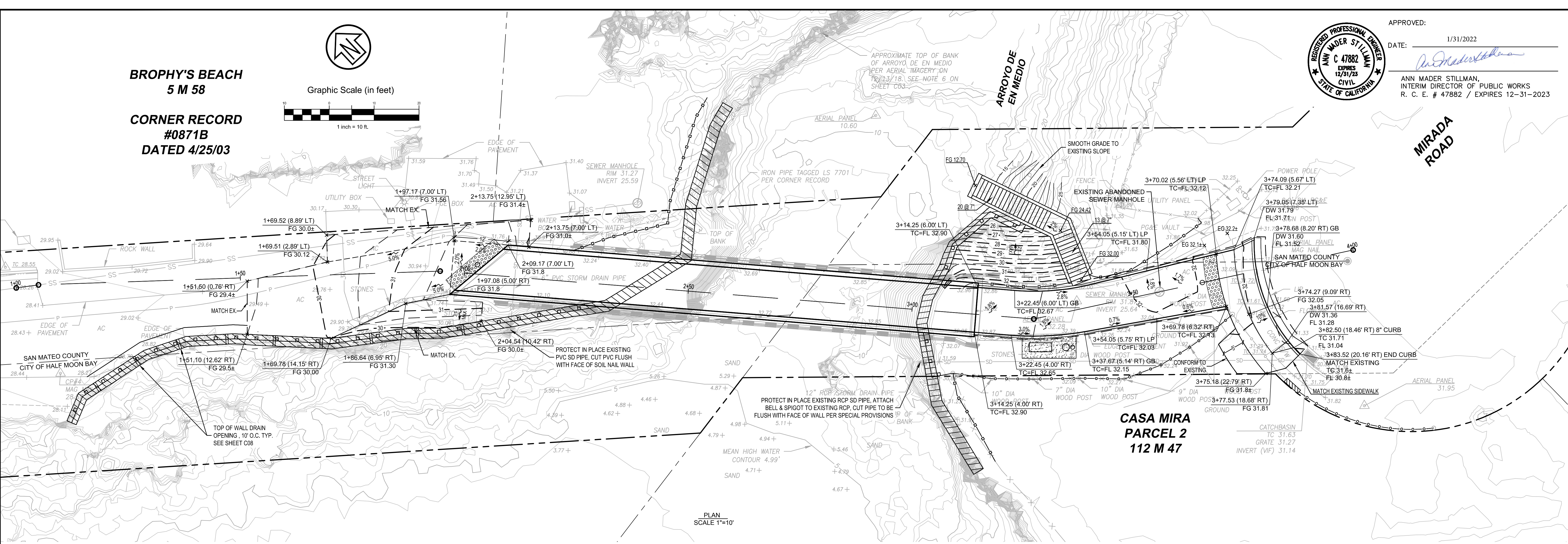
**BROPHY'S BEACH
5 M 58**

**CORNER RECORD
#0871B
DATED 4/25/03**

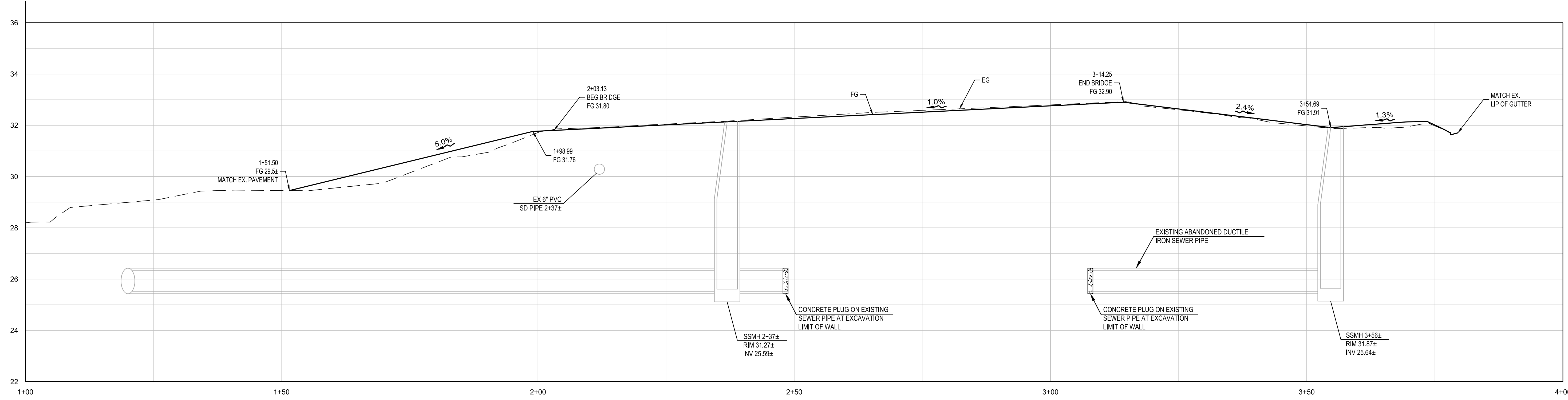


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DATE: 1/31/2022
ANN MADER STILLMAN,
INTERIM DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882 / EXPIRES 12-31-2023

**MIRADA
ROAD**



PLAN SCALE 1"=10'



PROFILE
SCALE: H: 1"=10' V: 1"=2'

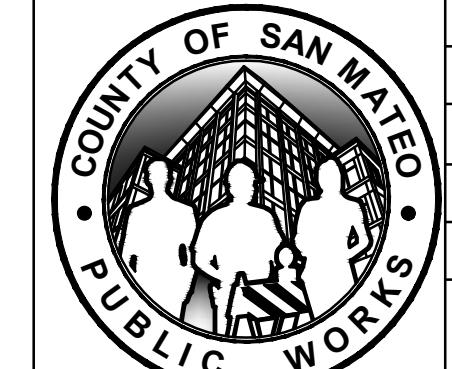
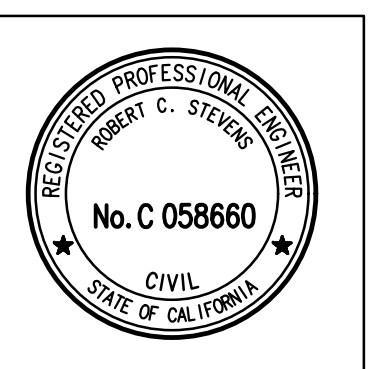
LEGEND

- BOUNDARY OFFSITE
- CABLE RAILING
- - - GRADE BREAK LINE
- MONUMENT LINE
- - - LIMIT OF GRADING
- SS EX. SEWER

ABBREVIATIONS

- DW DRIVEWAY
- EG EXISTING GROUND
- EX EXISTING
- FG FINISH GROUND
- FL FLOWLINE
- TC TOP OF CURB

APPROVED DATE:
CSW | ST2
5870 Stoneridge Mall Rd, Suite 203
Pleasanton, California, 94588
http://www.cswst2.com
925.523.4001
Robert C. Stevens
ROBERT C. STEVENS, P.E.
R.C.E. # 058660 EXPIRES 12/31/2022

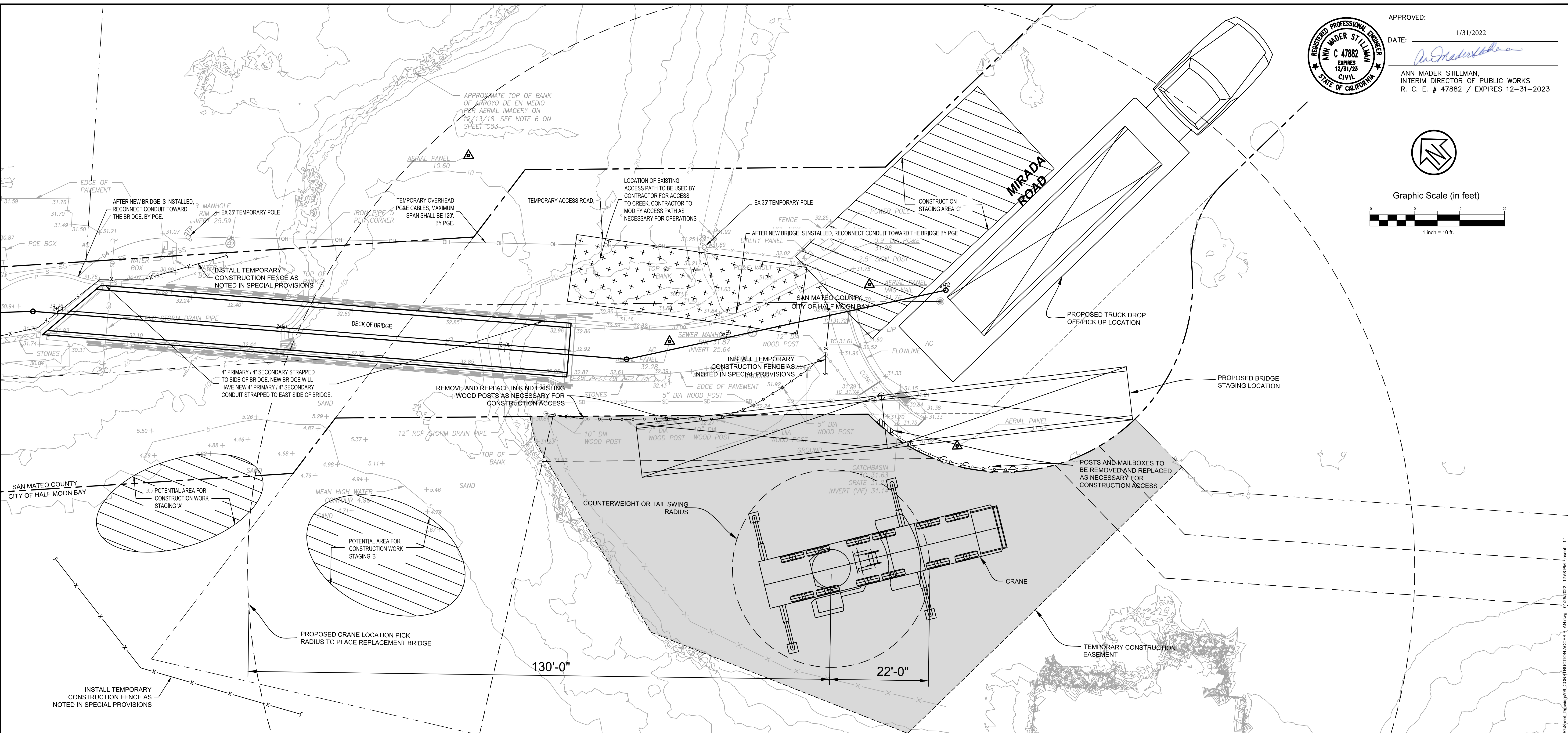
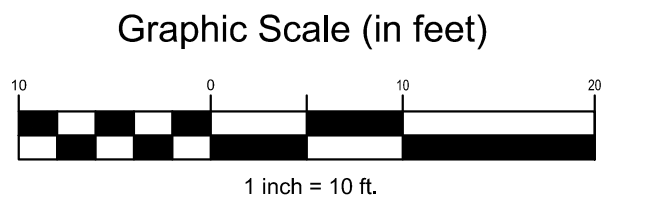
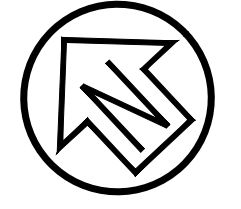


DESIGNED BY: CSW/ST2 (RCS)	GRADING AND UTILITY PLAN MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT	SCALE: AS SHOWN
CHECKED BY: CSW/ST2 (RCS)		DATE: 01/14/2022
DRAWN BY: CSW/ST2 (CSE)		FILE NO.: 1/4983
ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063	C05 SHEET 5 OF 18





APPROVED: *Ann Mader Stillman*
 DATE: 1/31/2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023



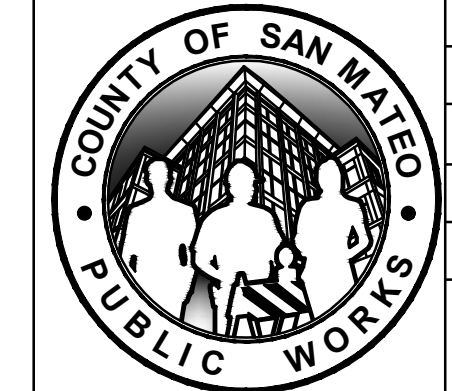
HATCH LEGEND

- TEMPORARY ACCESS ROAD
- CONSTRUCTION STAGING AREA
- TEMPORARY CONSTRUCTION EASEMENT

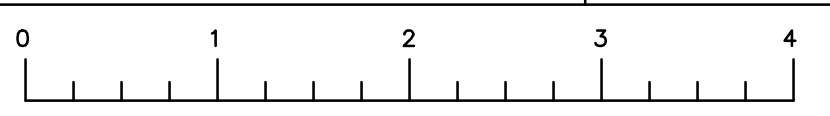
APPROVED DATE:
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 5870 Stoneridge Mall Rd, Suite 203
 Pleasanton, California, 94588
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 925.523.4001

Robert C. Stevens

ROBERT C. STEVENS, P.E.
 R.C.E. # 058660 EXPIRES 12/31/2022



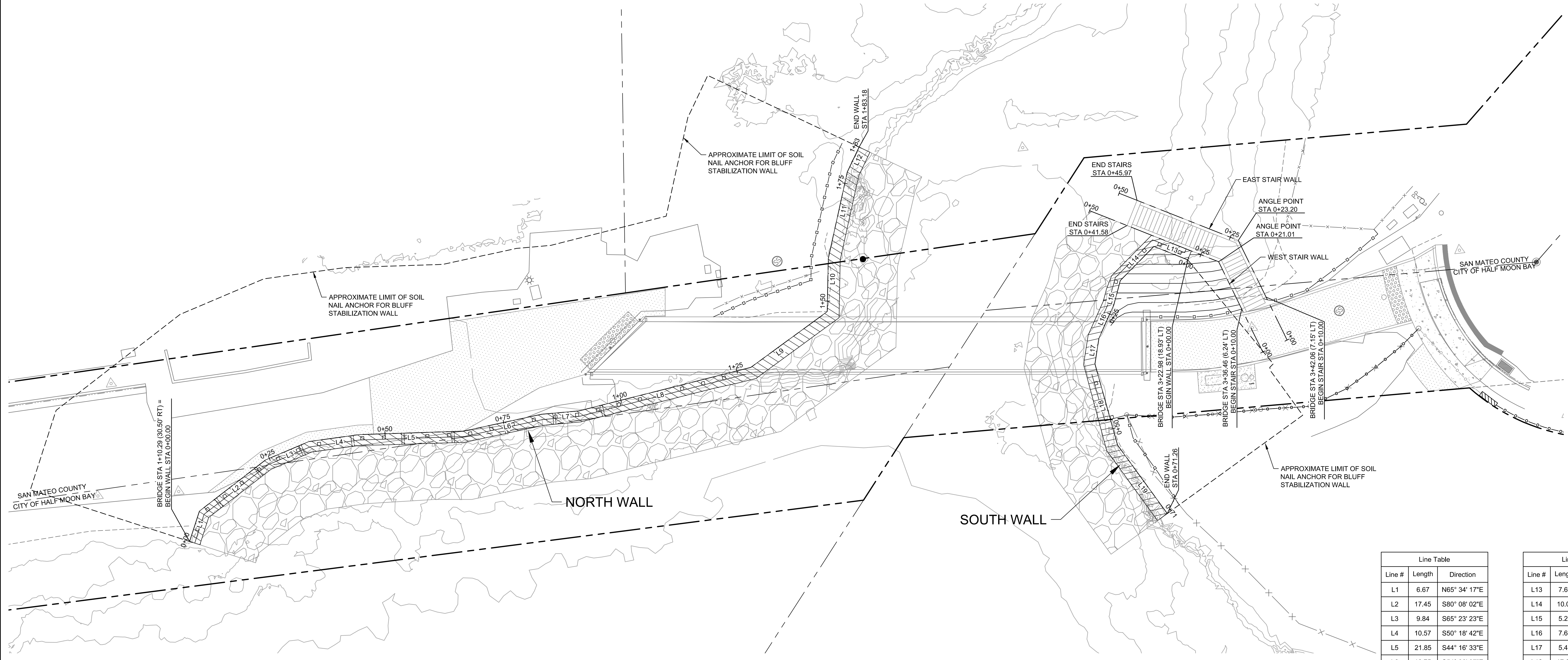
DESIGNED BY: CSW/ST2 (RCS)	CONSTRUCTION ACCESS PLAN MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT	SCALE: AS SHOWN
CHECKED BY: CSW/ST2 (RCS)		DATE: 01/14/2022
DRAWN BY: CSW/ST2 (CSE)		FILE NO.: 1/4983
ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063	C06 SHEET 6 OF 18
REVISION	DATE	FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



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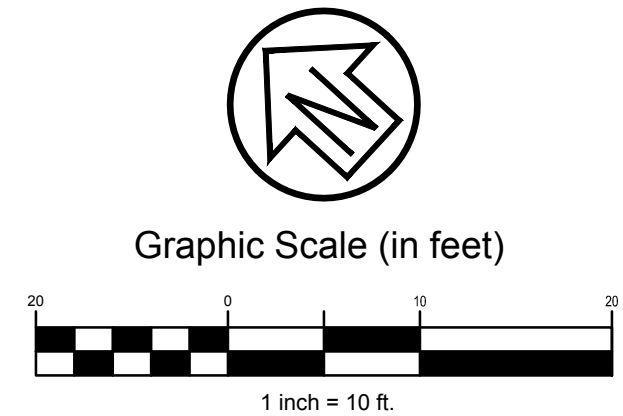
APPROVED: *Ann Mader Stillman*
 DATE: 1/31/2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023



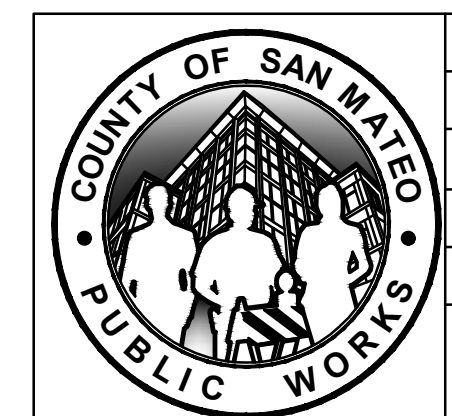
Line Table		
Line #	Length	Direction
L1	6.67	N65° 34' 17"E
L2	17.45	S80° 08' 02"E
L3	9.84	S65° 23' 23"E
L4	10.57	S50° 18' 42"E
L5	21.85	S44° 16' 33"E
L6	16.75	S54° 36' 07"E
L7	7.82	S47° 29' 59"E
L8	37.06	S56° 35' 01"E
L9	19.78	S78° 32' 52"E
L10	11.12	N48° 44' 46"E
L11	18.52	N60° 01' 16"E
L12	5.75	N72° 58' 17"E

Line Table		
Line #	Length	Direction
L13	7.62	N20° 47' 34"W
L14	10.01	N87° 50' 22"W
L15	5.26	S62° 33' 29"W
L16	7.63	S71° 39' 44"W
L17	5.45	S56° 31' 05"W
L18	17.64	S32° 00' 27"W
L19	17.66	S11° 39' 29"W

NOTES:
 1. THE LIMITS, LENGTH AND ALIGNMENT FOR THE BLUFF STABILIZATION SHOWN ON THIS DRAWING IS APPROXIMATE. CONTRACTOR SHALL FOLLOW THE SURFACE OF THE EXISTING BLUFF AND USE THAT FOR THE ALIGNMENT OF THE BLUFF STABILIZATION WALL. THIS ALIGNMENT SHALL BE STAKED IN FIELD AND VERIFIED BY THE CONTRACTOR AND ENGINEER PRIOR TO CONSTRUCTION.
 2. ROCK SLOPE PROTECTION ALIGNMENT SHALL FOLLOW THE ALIGNMENT OF THE BLUFF STABILIZATION WALL.



APPROVED DATE:
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 5870 Stoneridge Mall Rd, Suite 203
 Pleasanton, California, 94568
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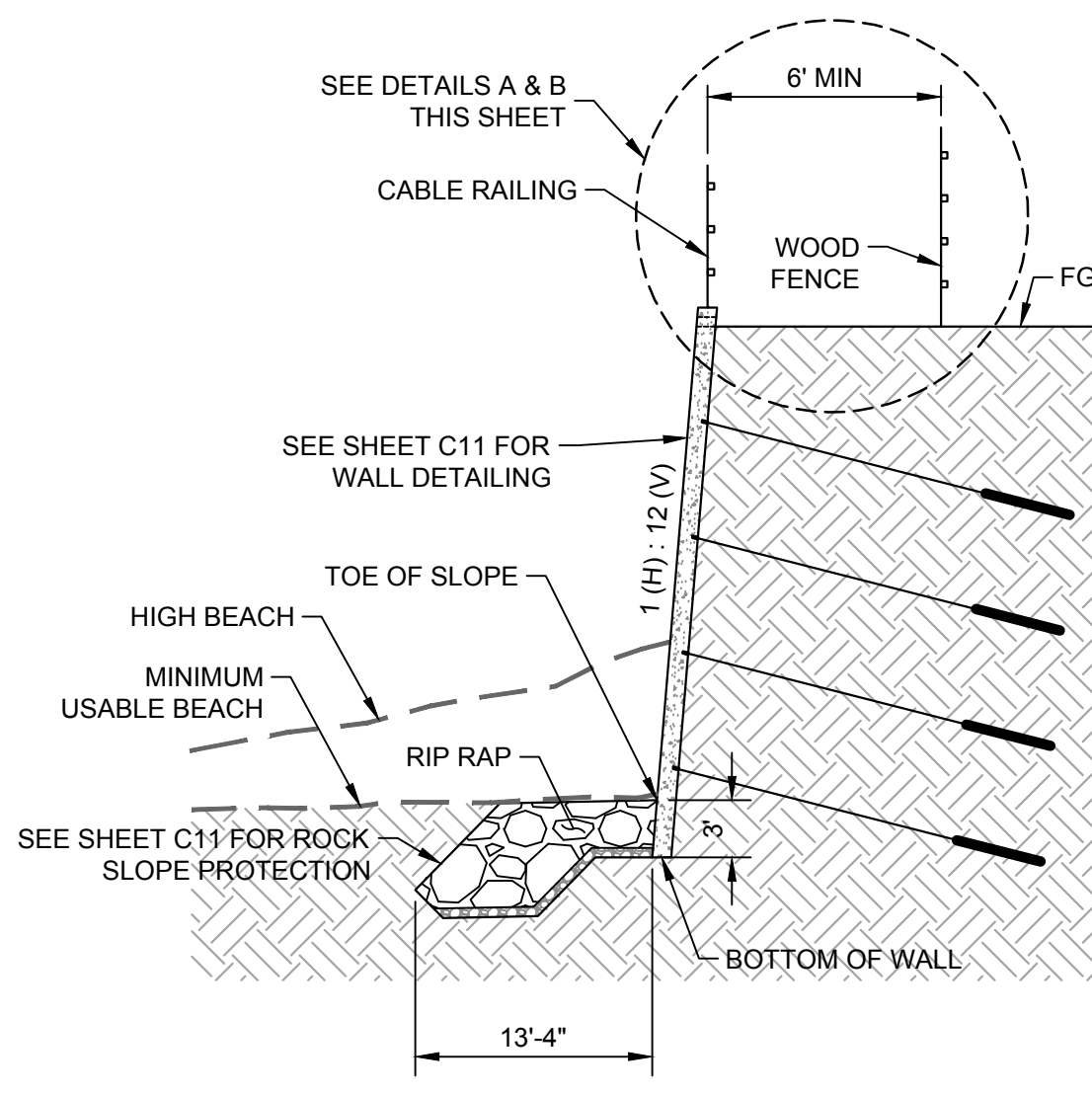
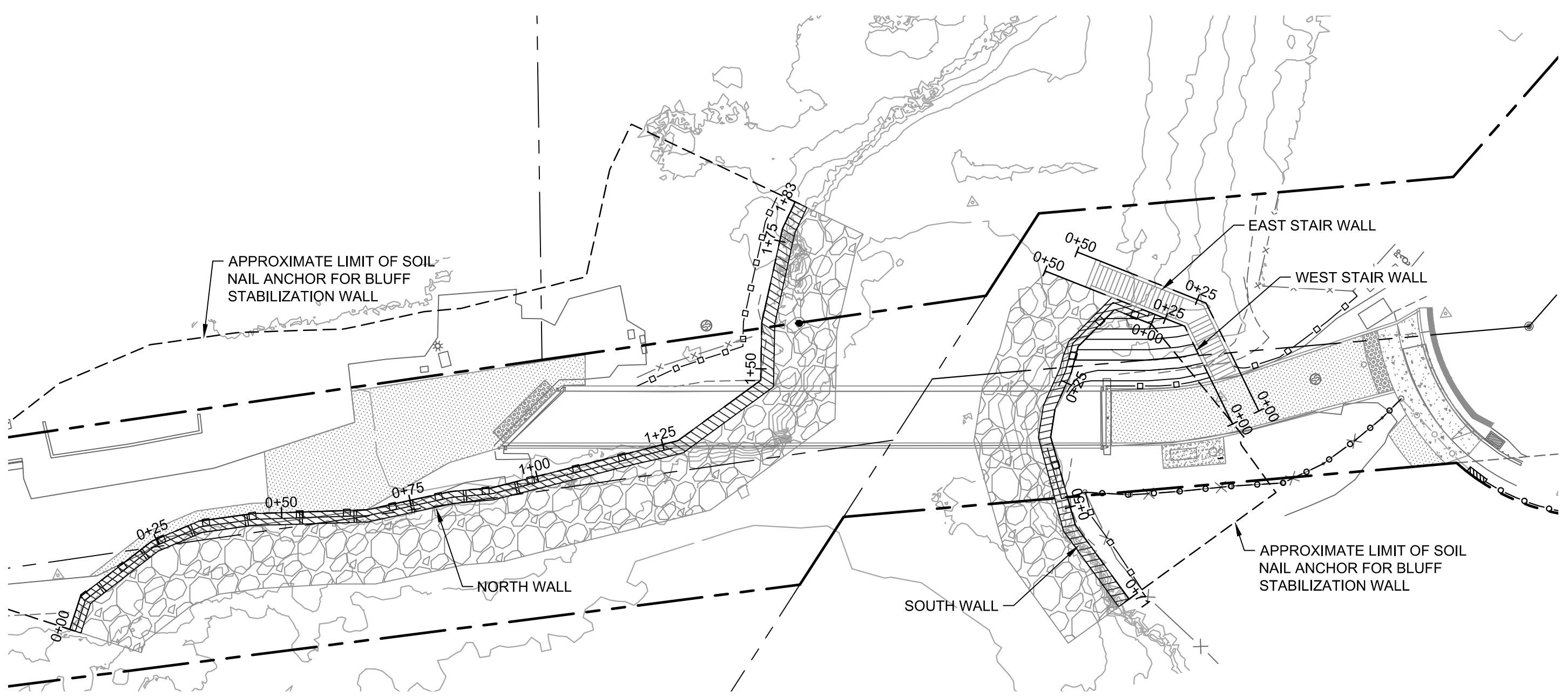
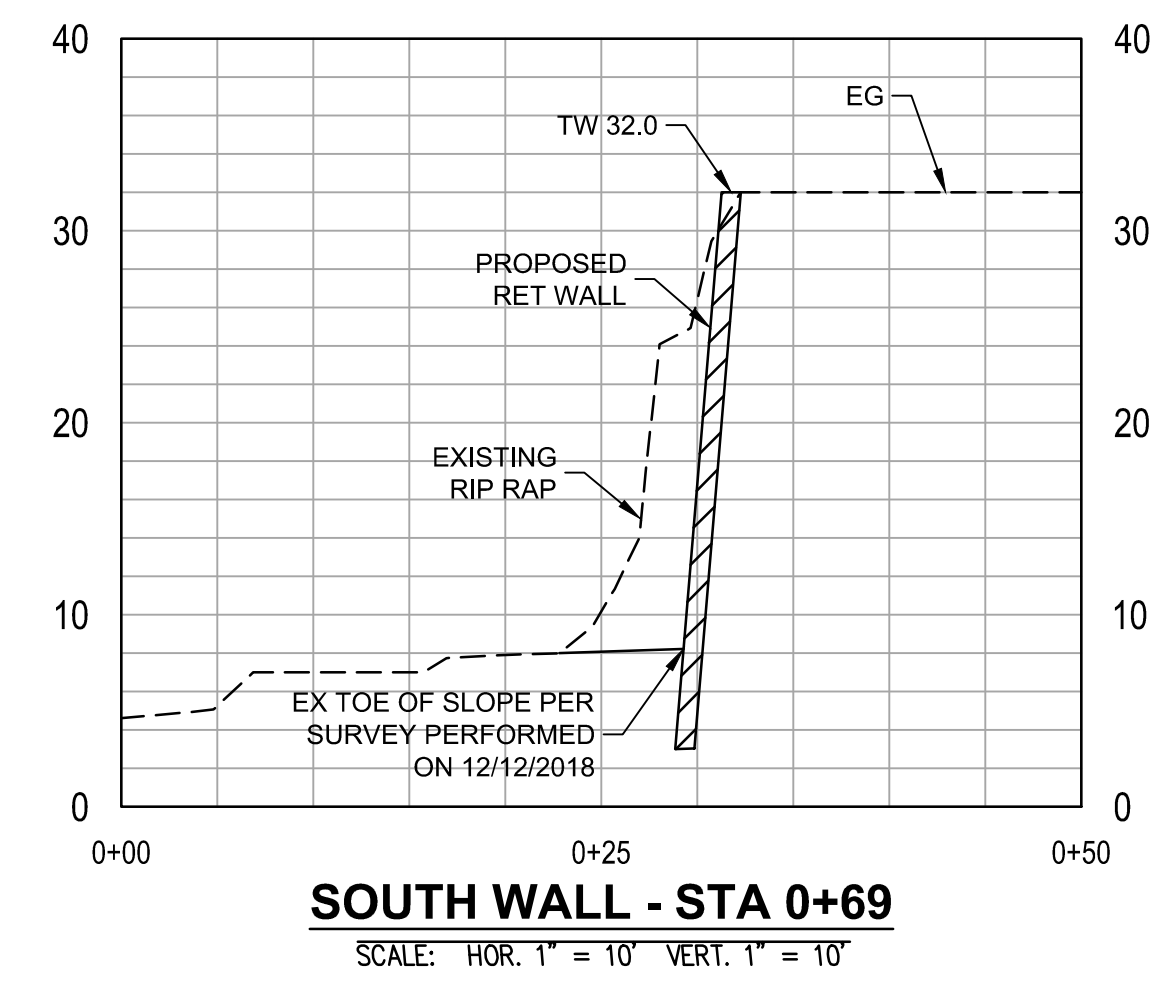
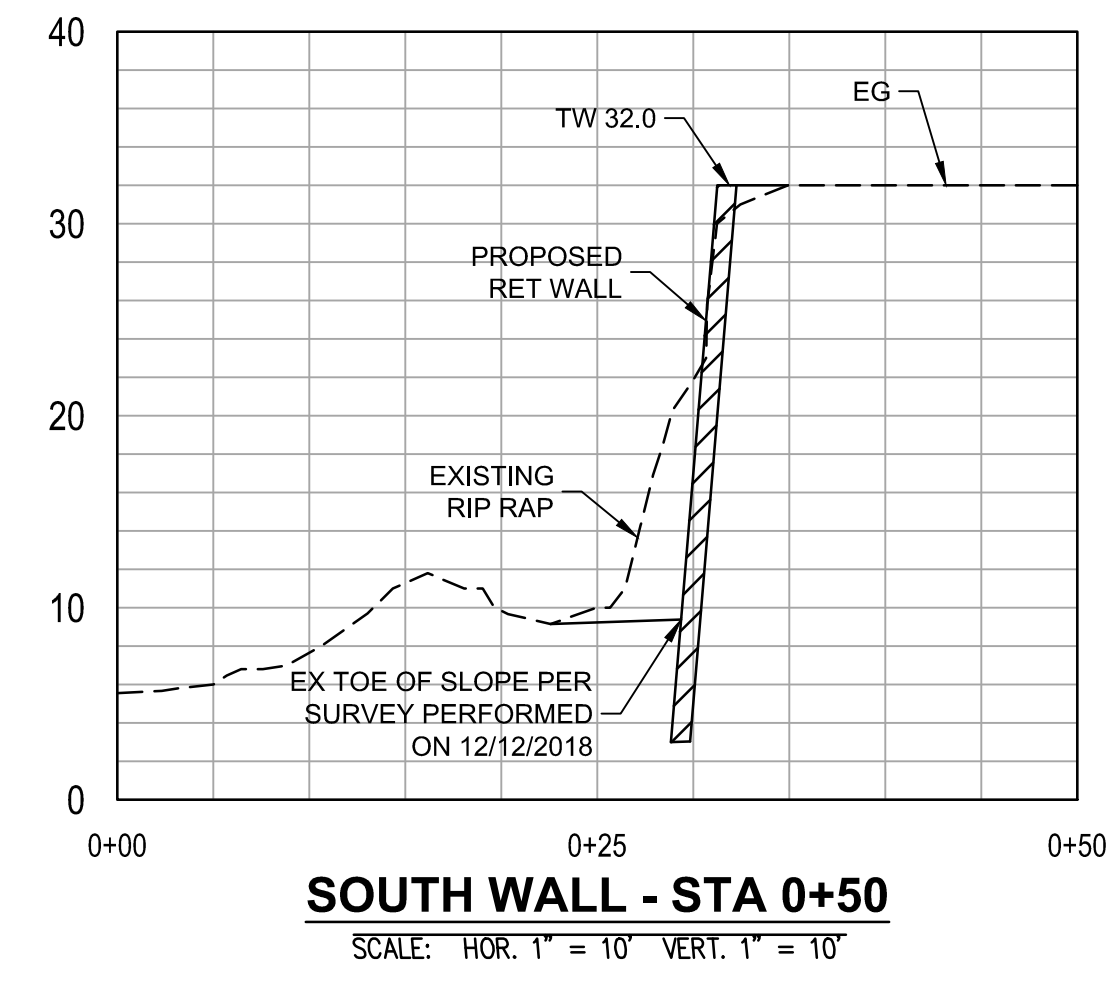
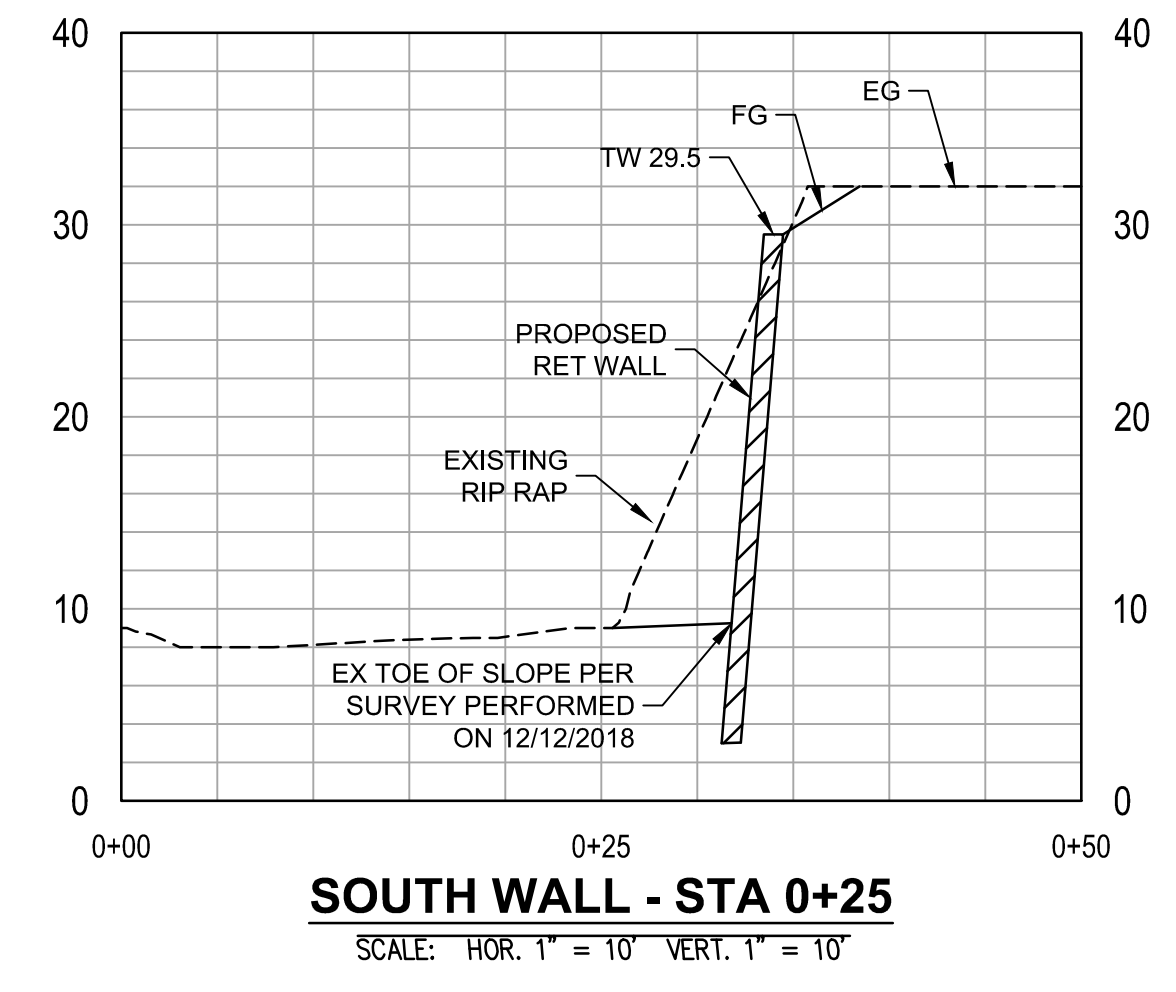
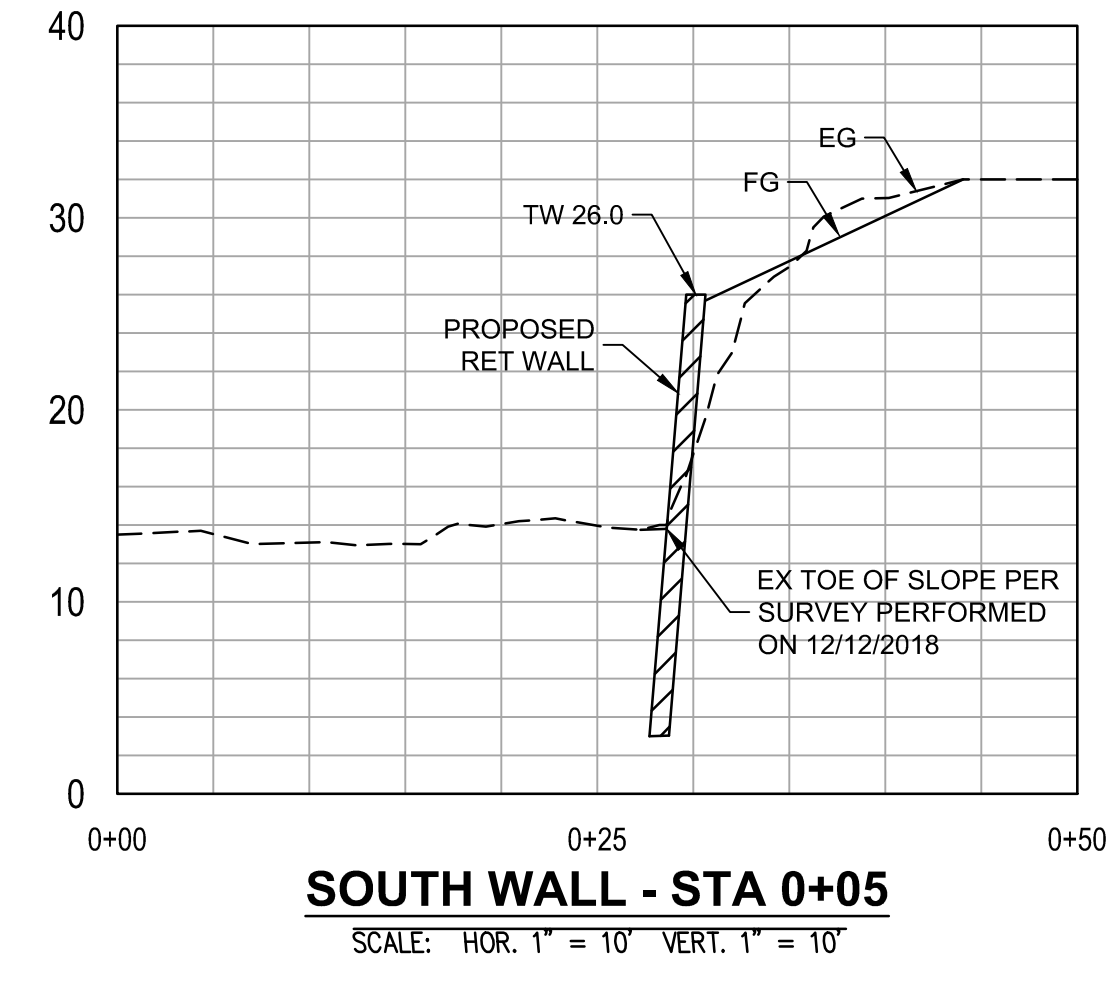
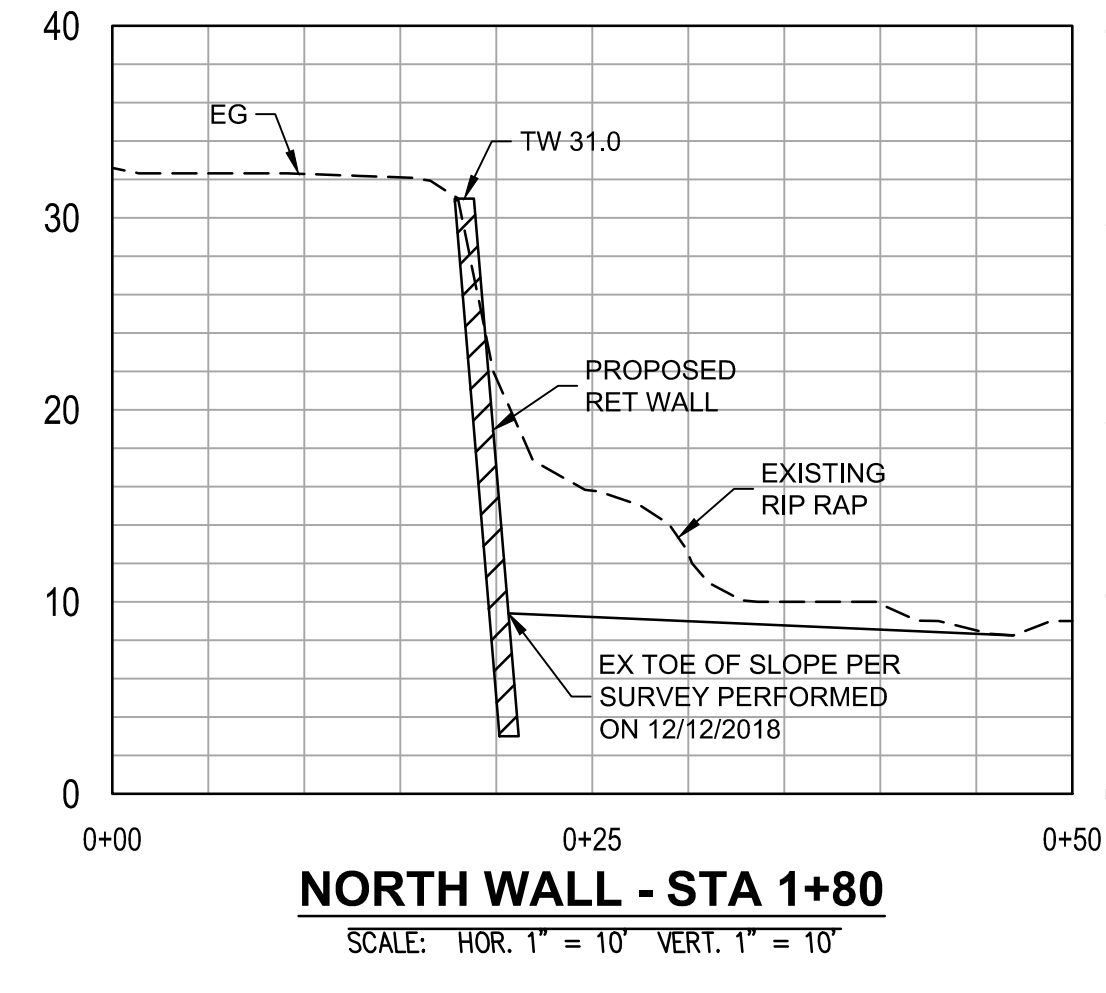
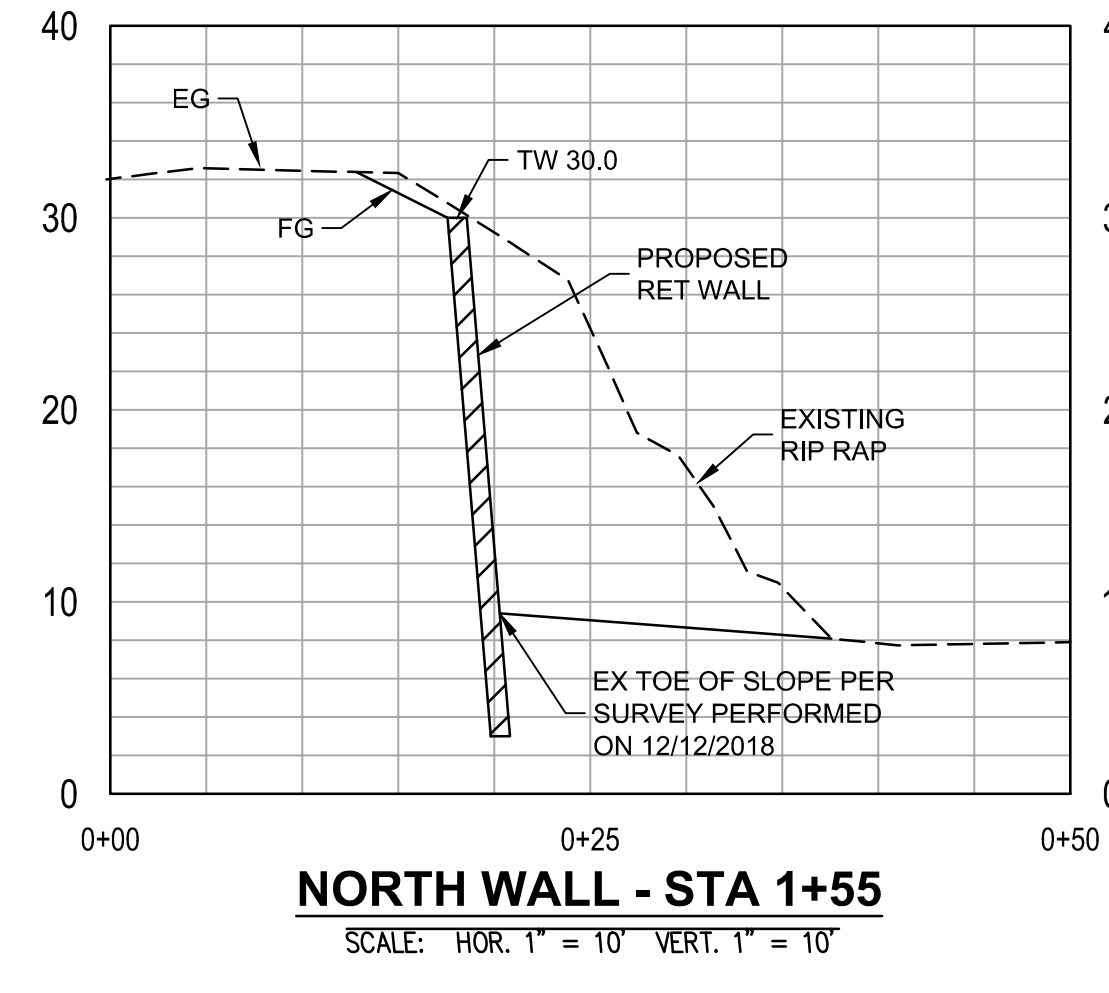
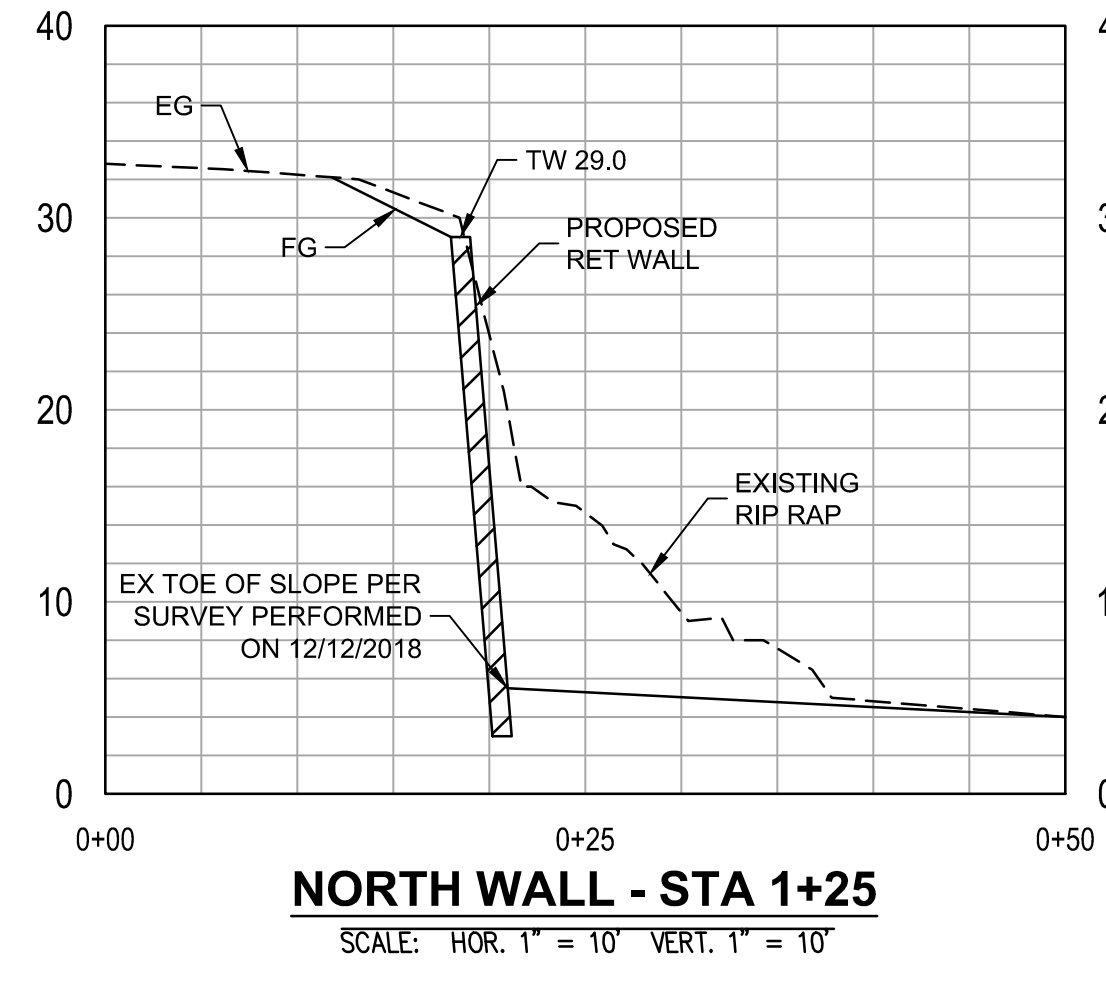
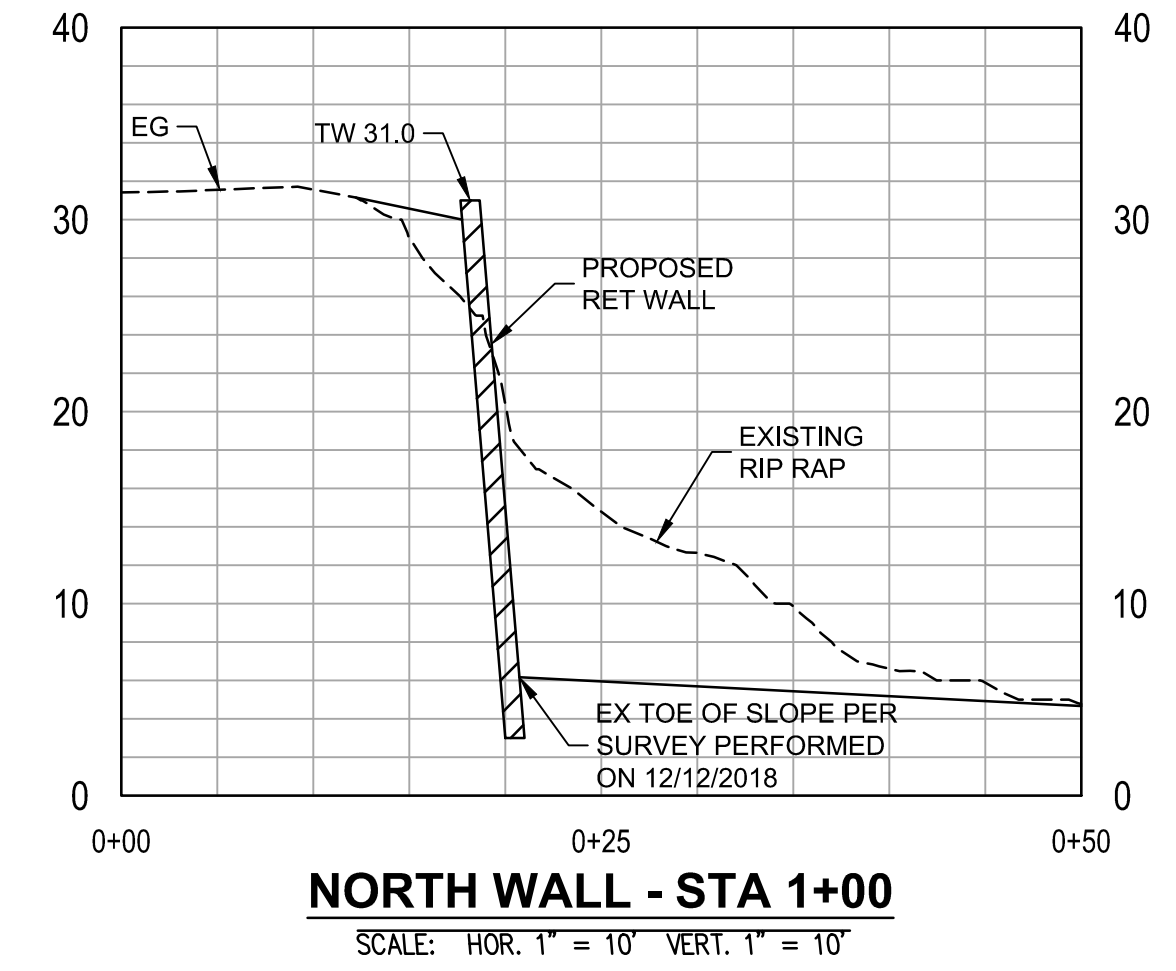
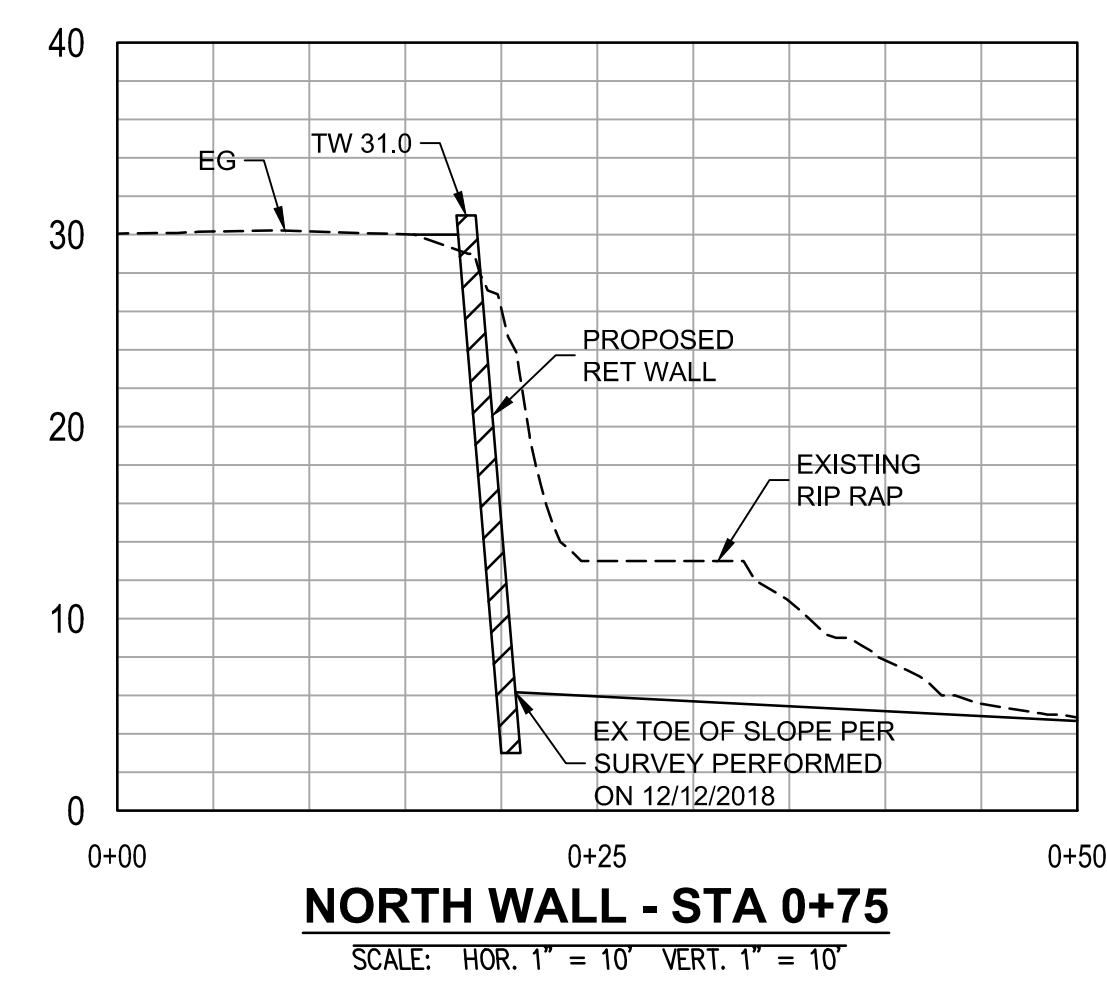
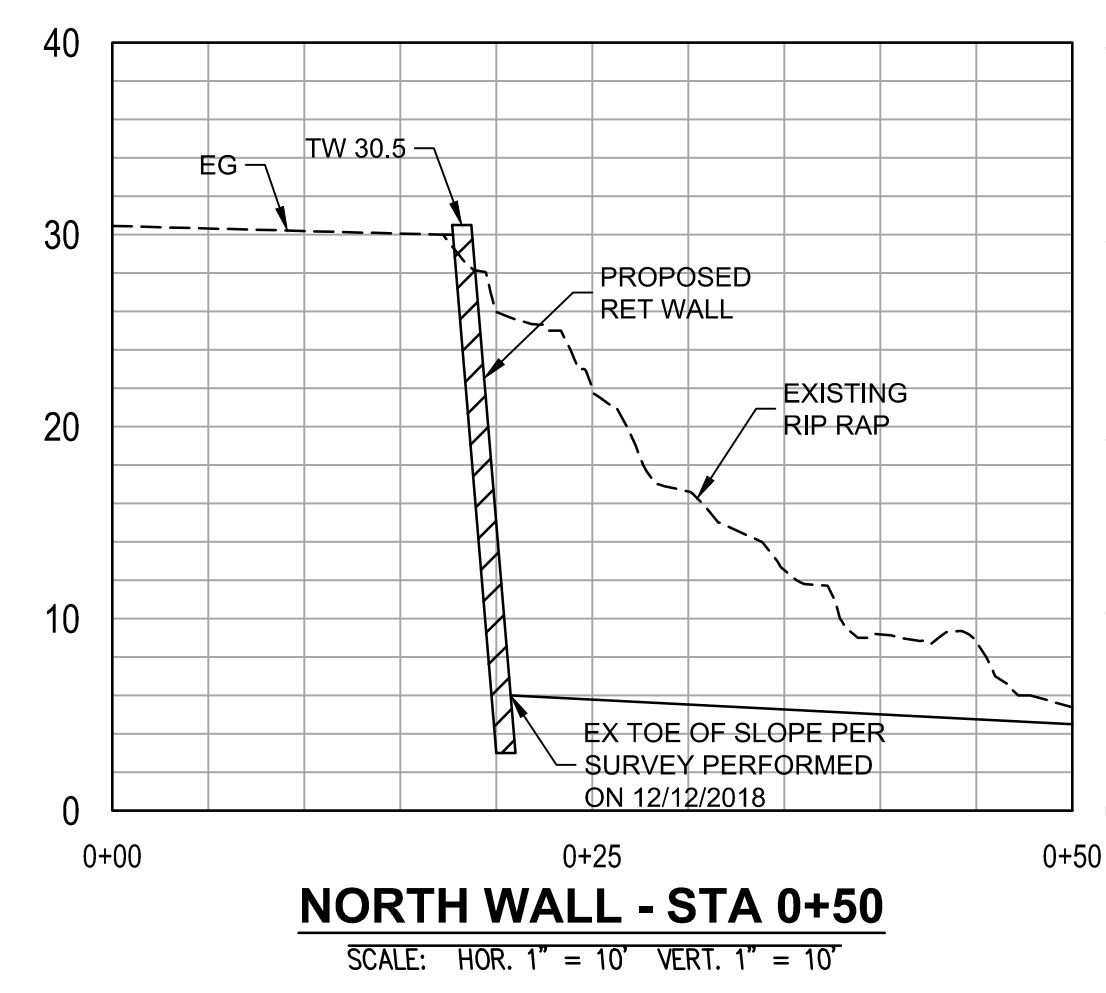
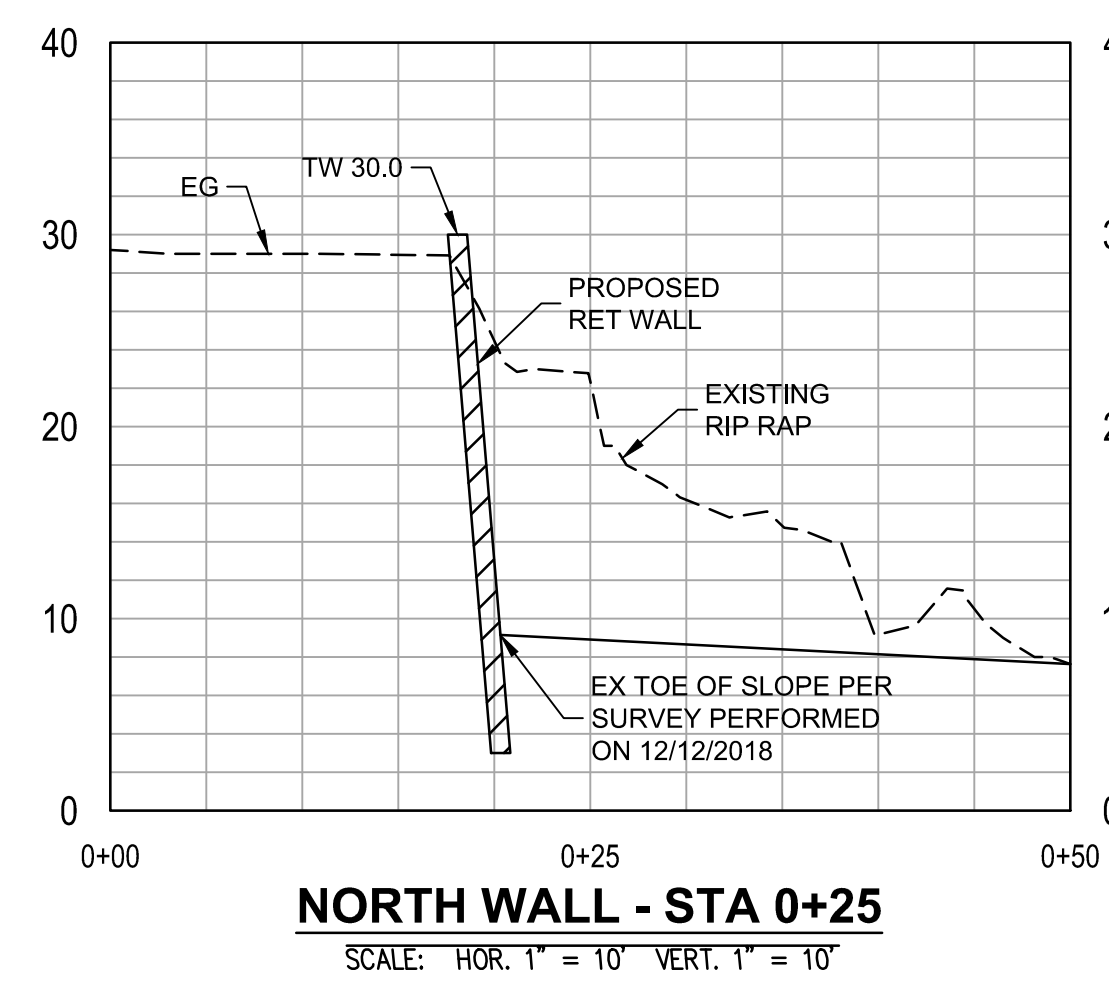
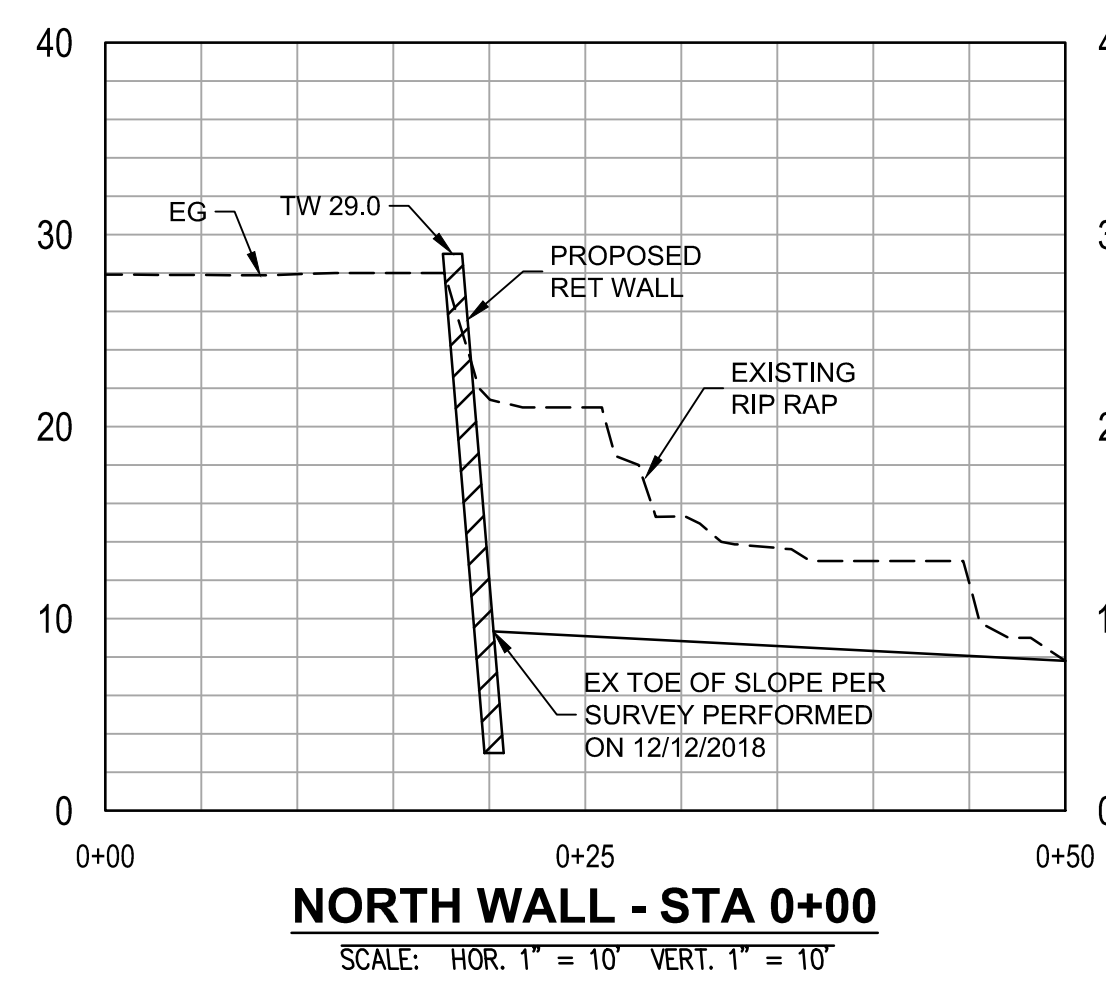


DESIGNED BY: CSW/ST2 (RCS)	WALL ALIGNMENT MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT	SCALE: AS SHOWN
CHECKED BY: CSW/ST2 (RCS)		DATE: 01/14/2022
DRAWN BY: CSW/ST2 (CSE)		FILE NO.: 1/4983
ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063
REVISION	DATE	
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES		0 1 2 3 4 C07 SHEET 7 OF 18

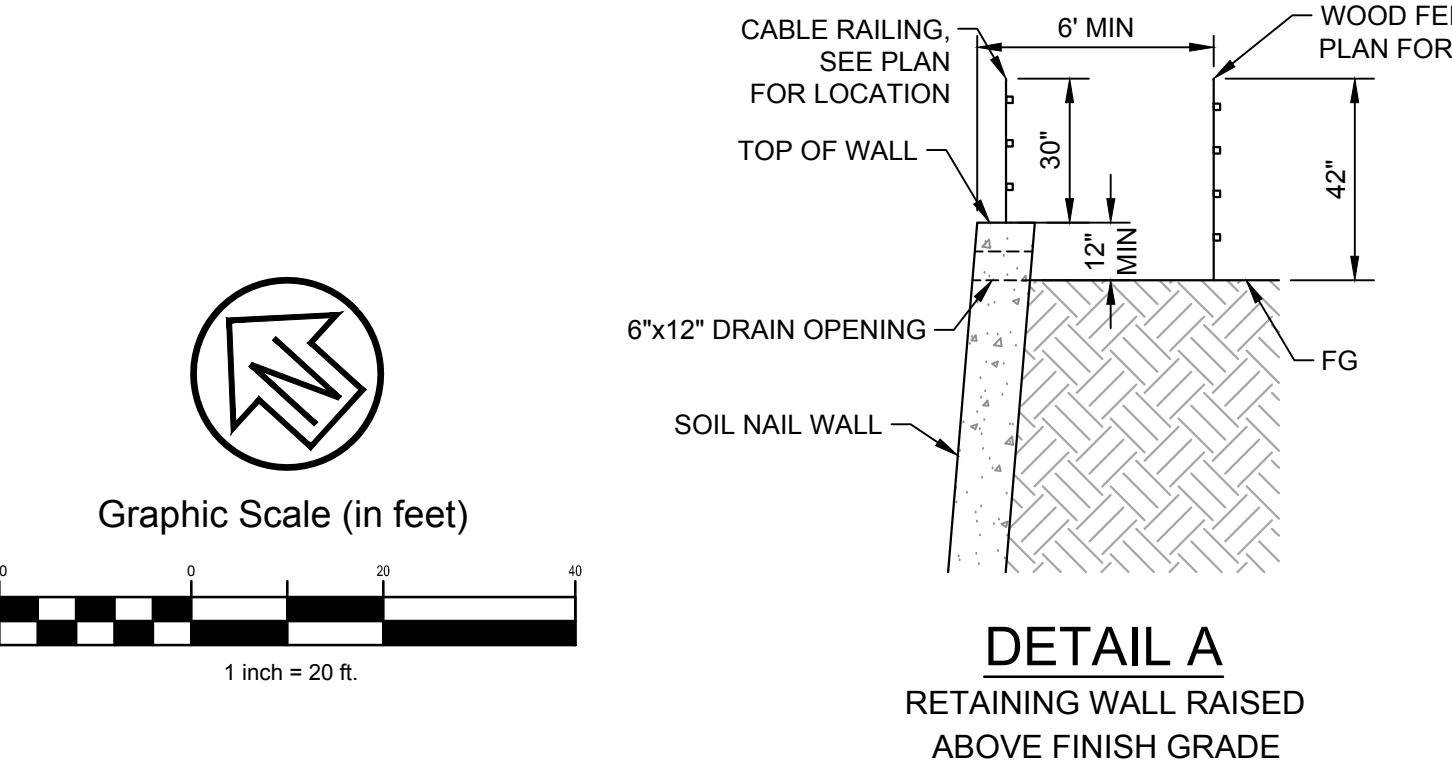
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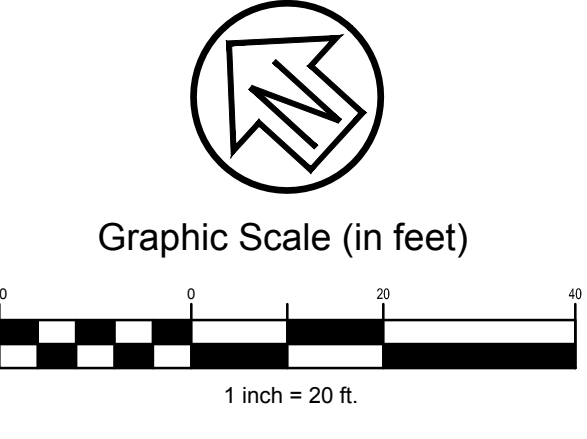
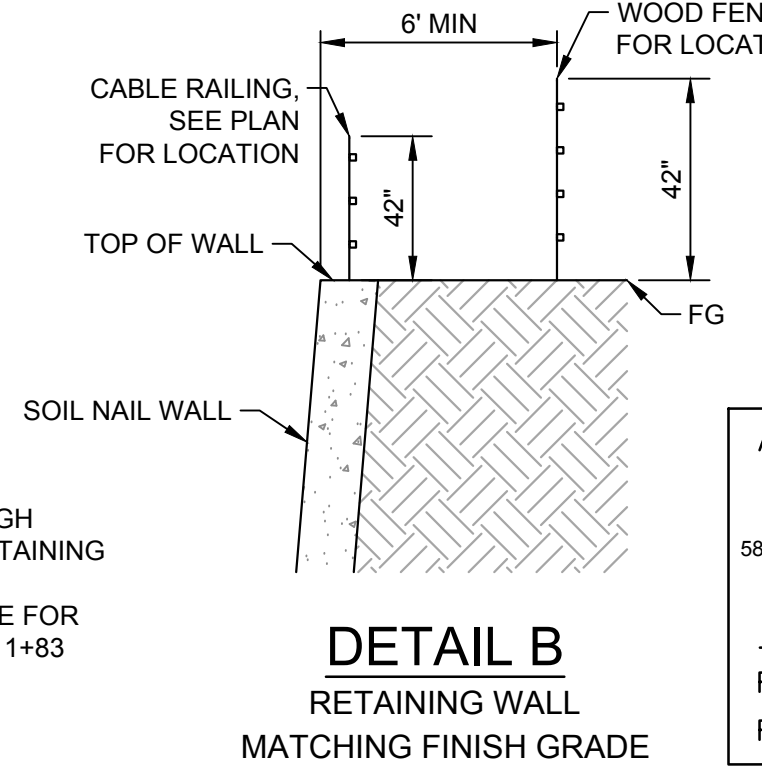
APPROVED: *Ann Mader Stillman*
 DATE: 1/31/2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023



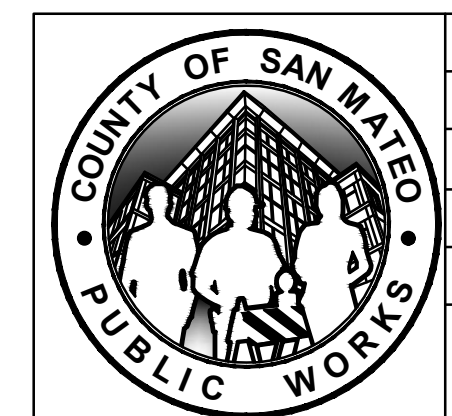
NOTES:
 1. EXISTING ROCK RIP RAP SHALL BE REMOVED TO EXPOSE THE EXISTING NATURAL BLUFF FACE AND FOR CONSTRUCTION OF THE BLUFF STABILIZATION WALL.



NOTES:
 1. THE NORTH WALL ALIGNMENT WILL HAVE A 12" HIGH CURB FROM STATION 0+00 TO 1+00 WHEN THE RETAINING WALL IS ADJACENT TO ROADWAY.
 2. TOP OF RETAINING WALL TO MATCH FINISH GRADE FOR NORTH WALL ALIGNMENT FROM STATION 1+00 TO 1+83 AND ENTIRE SOUTH WALL.
 3. NO RAILING TO BE INSTALLED UNDER BRIDGE.



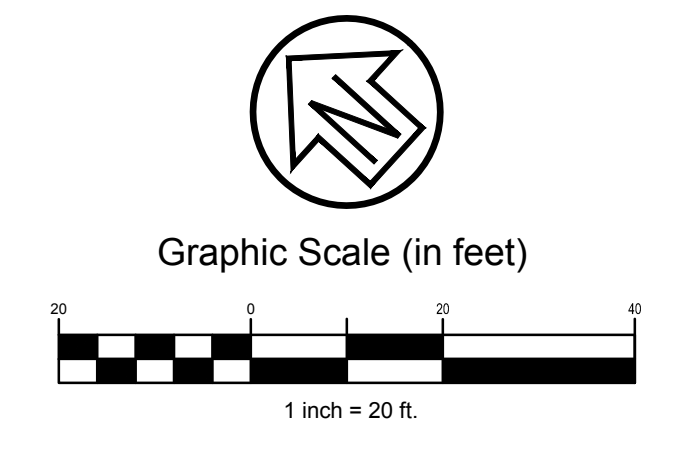
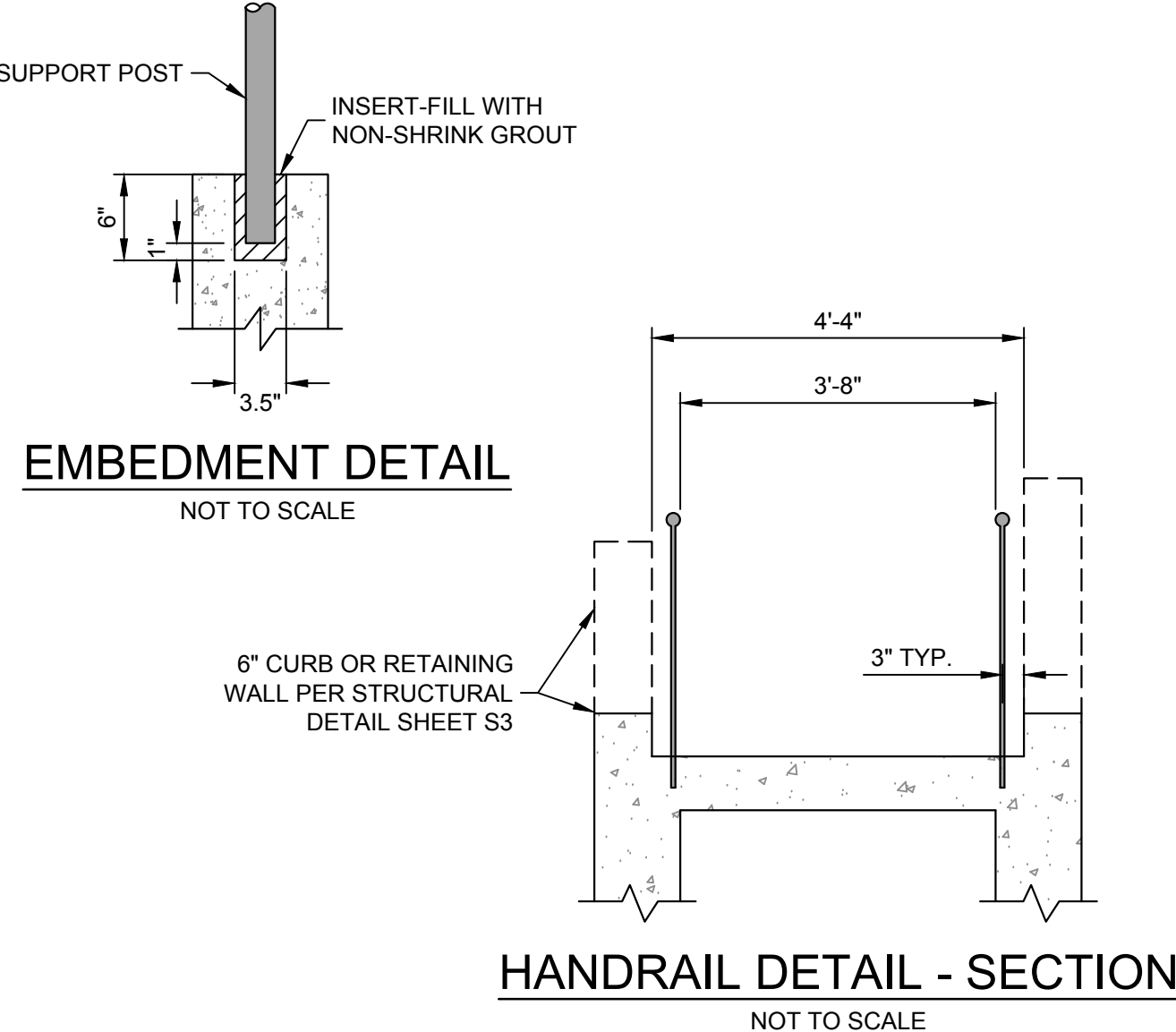
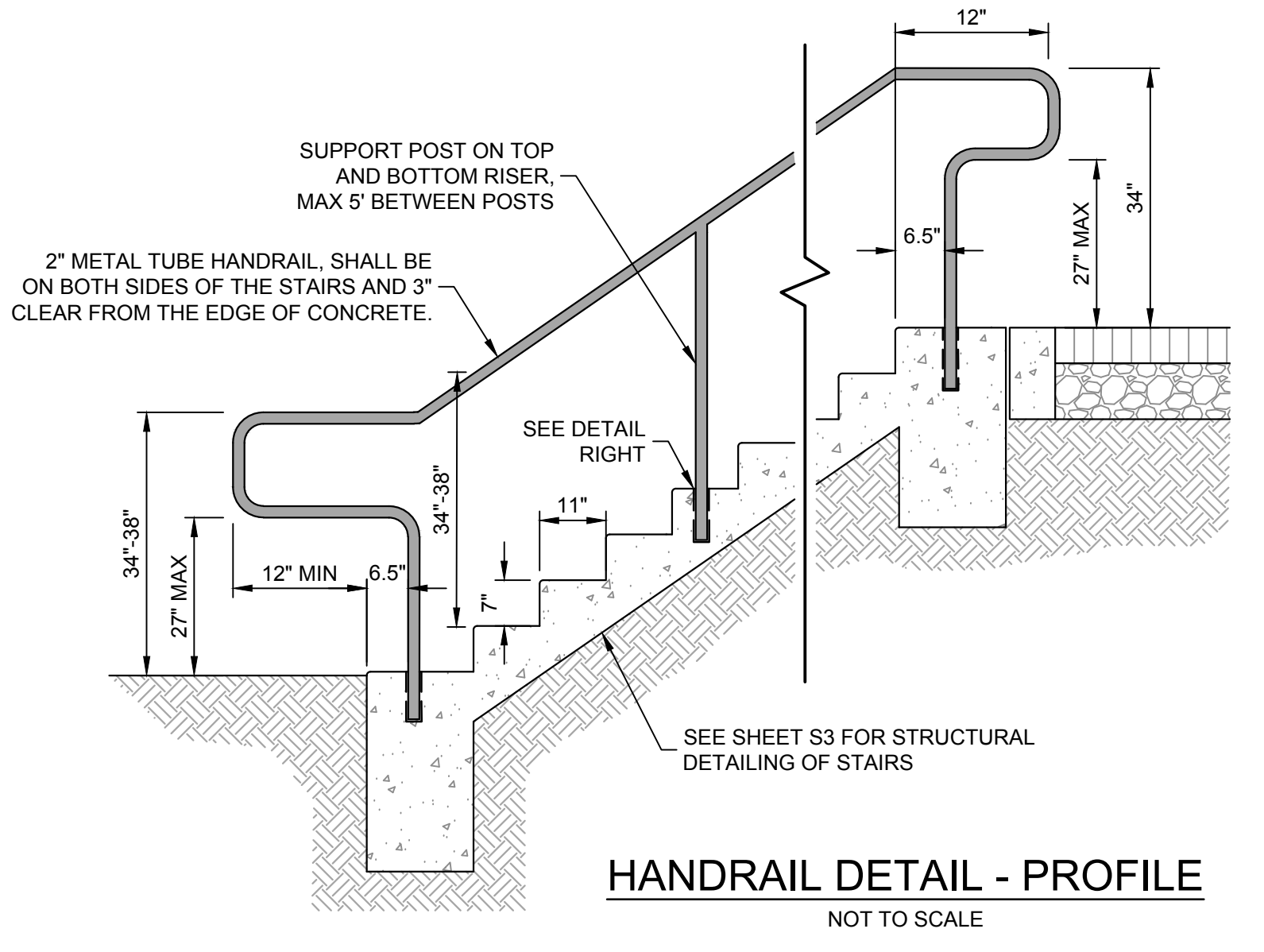
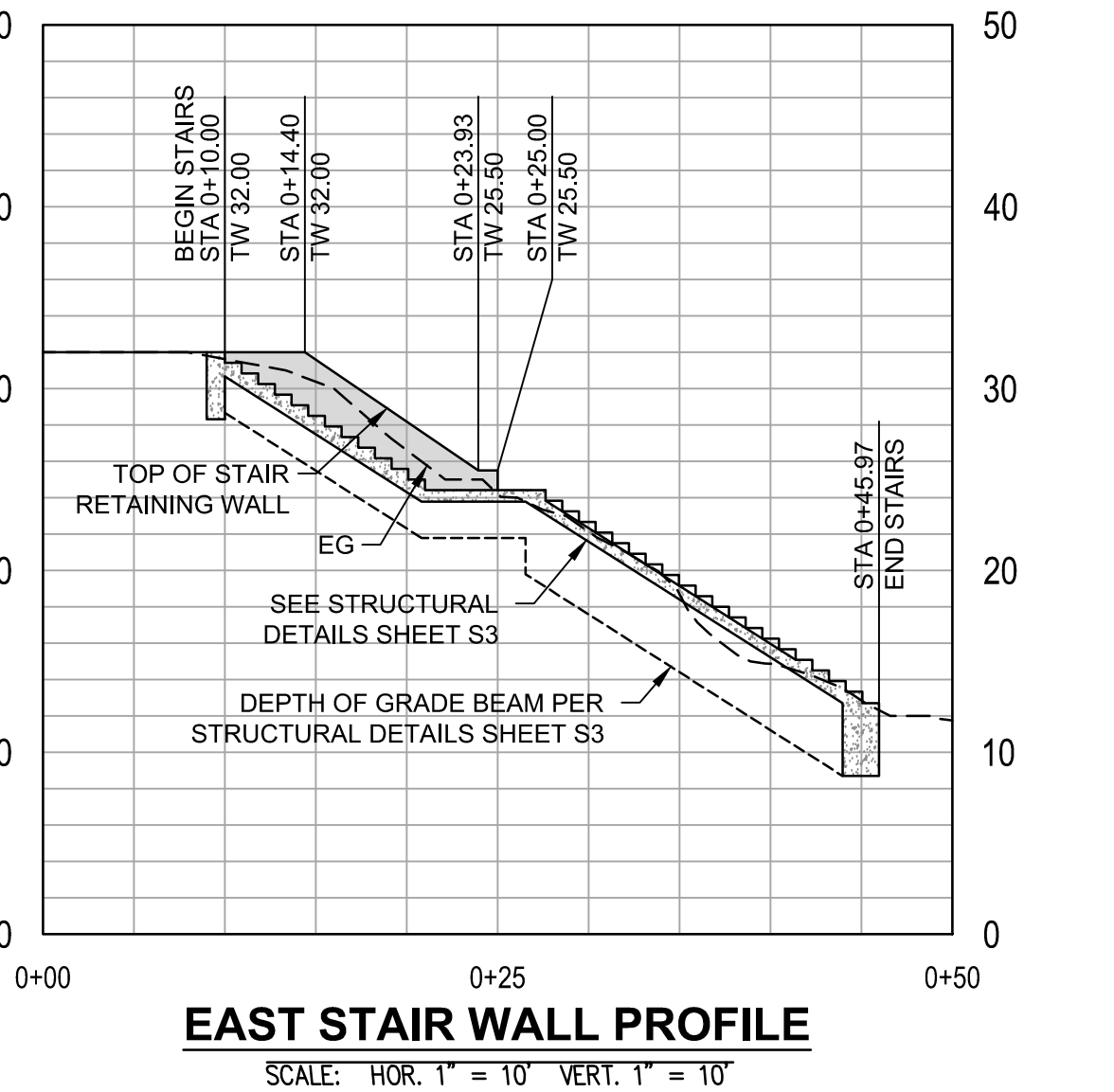
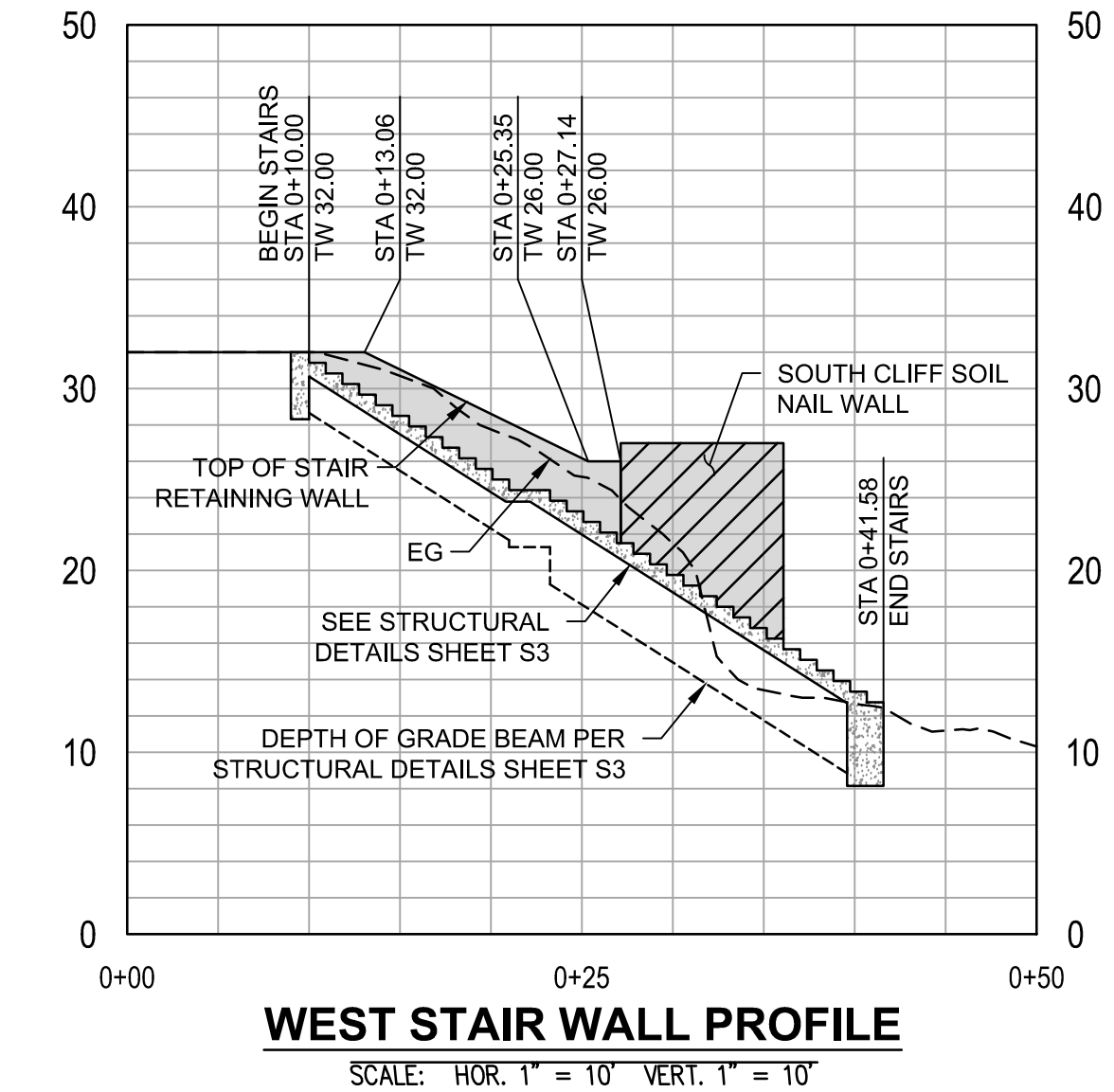
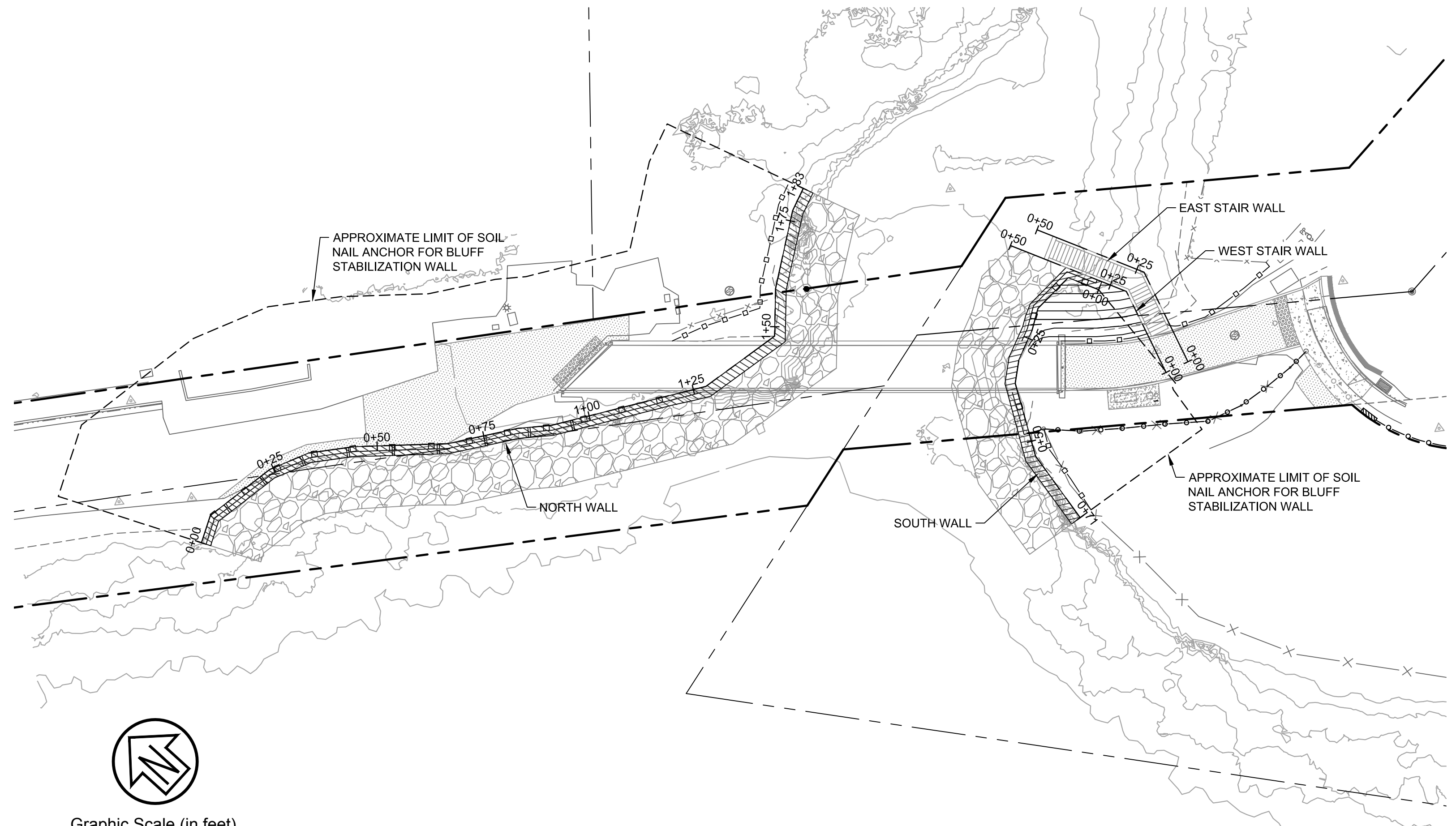
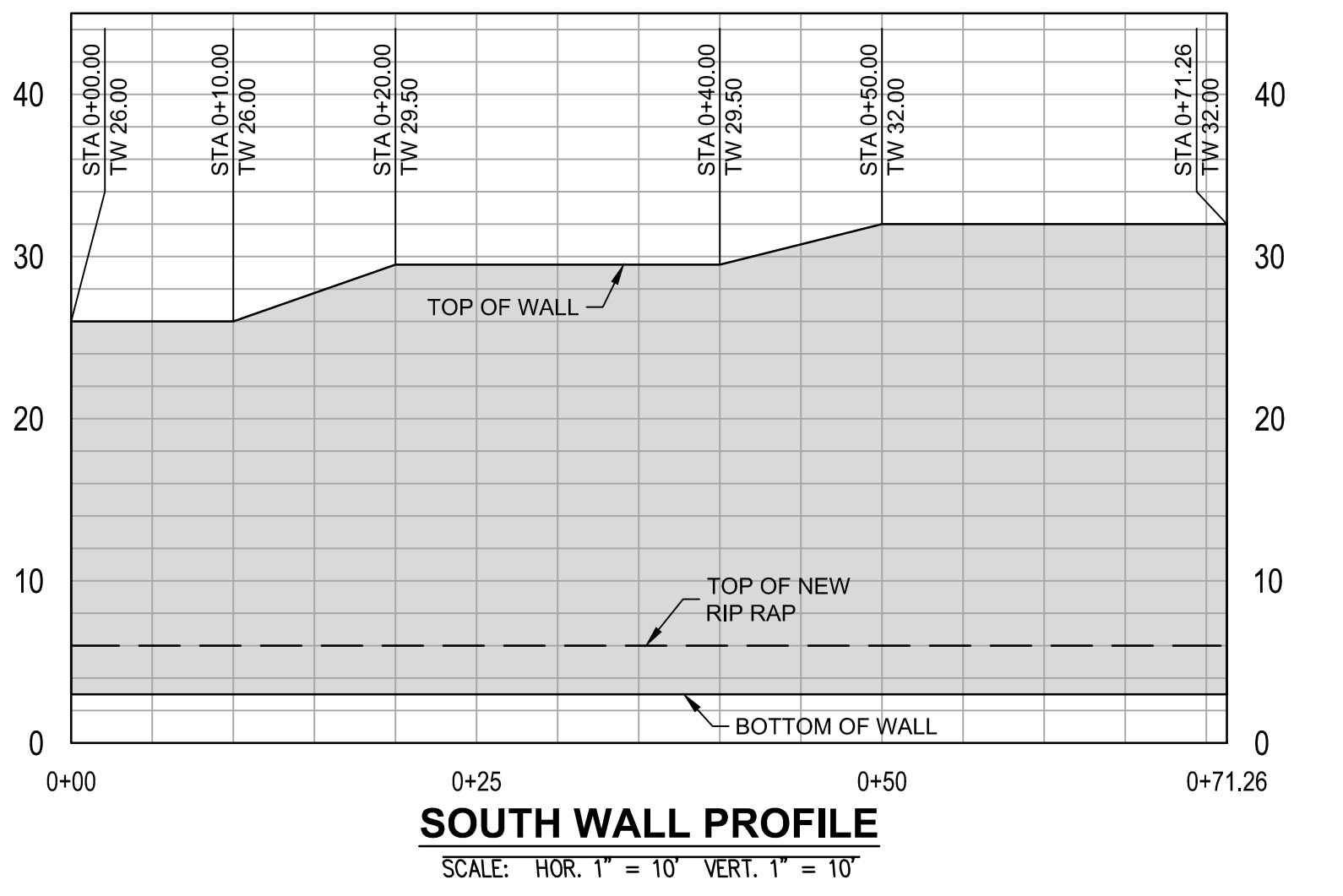
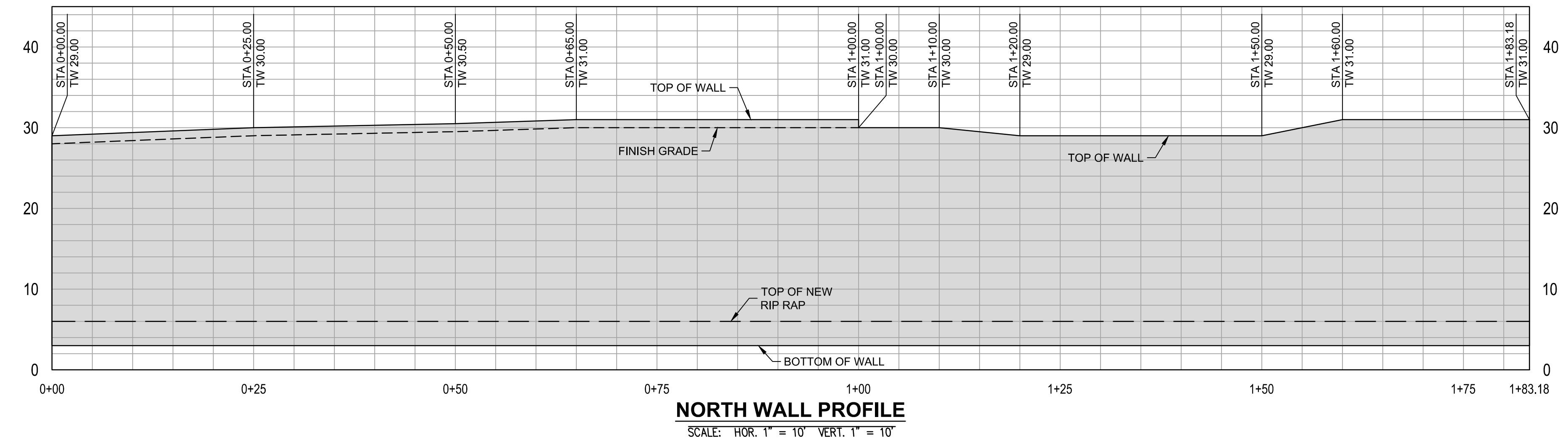
APPROVED DATE: *Robert C. Stevens*
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 R.C.E. # 058660 EXPIRES 12/31/2022



DESIGNED BY: CSW/ST2 (RCS)	WALL SECTIONS MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063	SCALE: AS SHOWN
CHECKED BY: CSW/ST2 (RCS)		DATE: 01/14/2022
DRAWN BY: CSW/ST2 (CSE)		FILE NO.: 1/4983
REVISION	DATE	
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES		C08 SHEET 8 OF 18

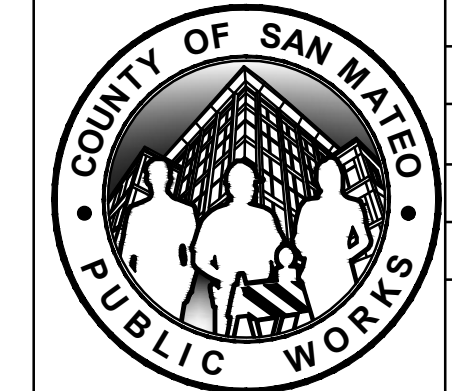


APPROVED: _____
 DATE: 1/31/2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023



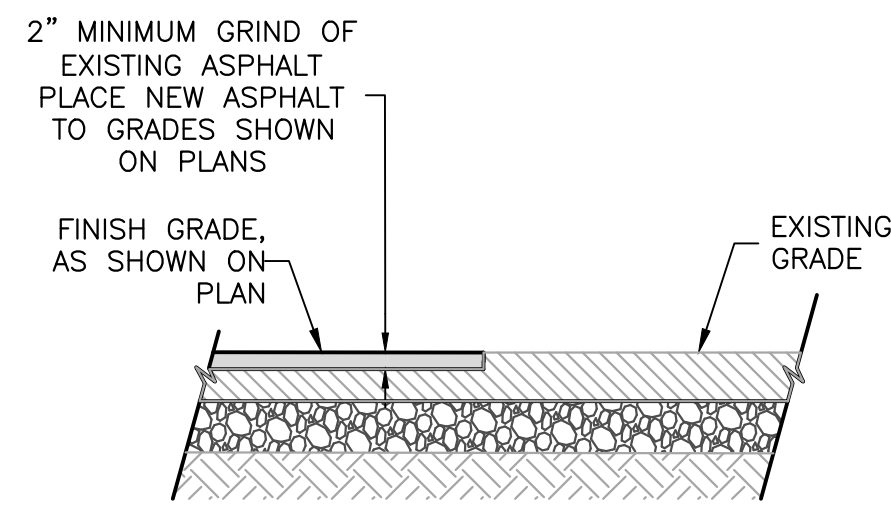
APPROVED DATE: _____
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 R.C.E. # 058660 EXPIRES 12/31/2022



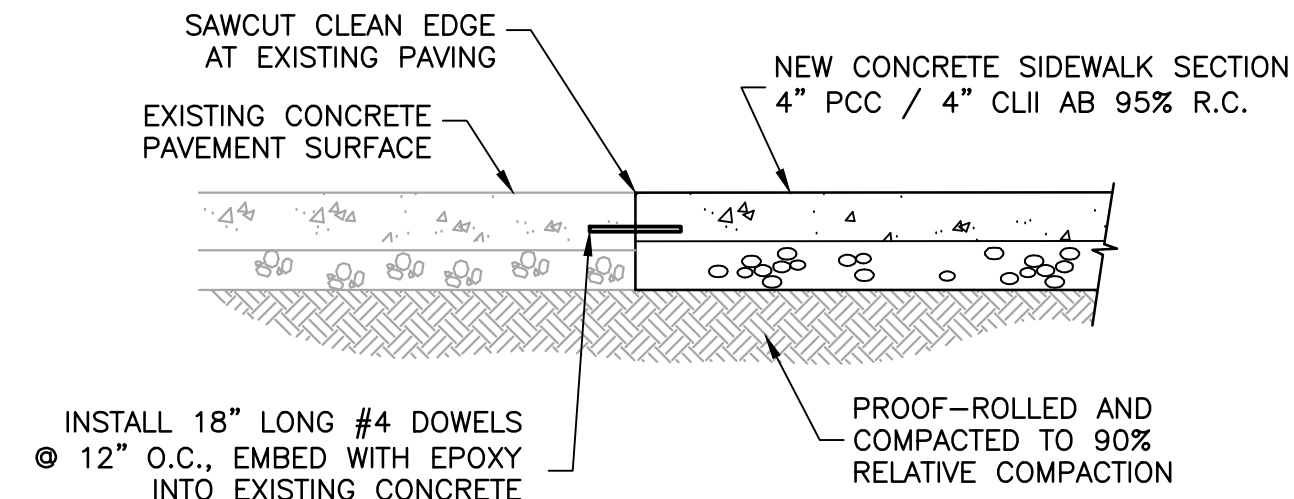
DESIGNED BY: CSW/ST2 (RCS)	WALL PROFILE MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063	SCALE: AS SHOWN
CHECKED BY: CSW/ST2 (RCS)		DATE: 01/14/2022
DRAWN BY: CSW/ST2 (CSE)		FILE NO.: 1/4983
REVISION	DATE	
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES		
		C09 SHEET 9 OF 18

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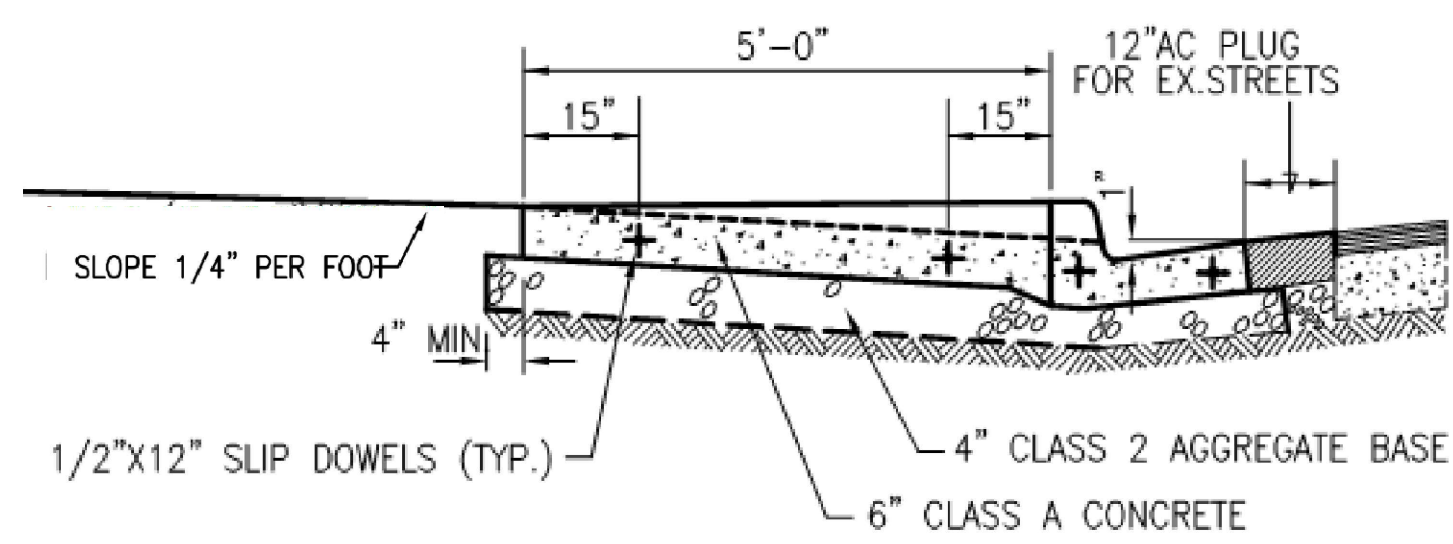
- NOTES**
- MILL & FILL CONFORM**
- CONFORM GRADING OF ASPHALT CONCRETE SHALL BE 2"(MIN) DEEP WITH VARYING WIDTH.
 - TACK COAT SHALL BE APPLIED COMPLETELY TO ALL EXISTING AC AND PCC SURFACES PRIOR TO PLACEMENT OF NEW ASPHALT CONCRETE.
 - ASPHALT TO BE TYPE A HMA

1 ASPHALT CONFORM GRIND
NOT TO SCALE



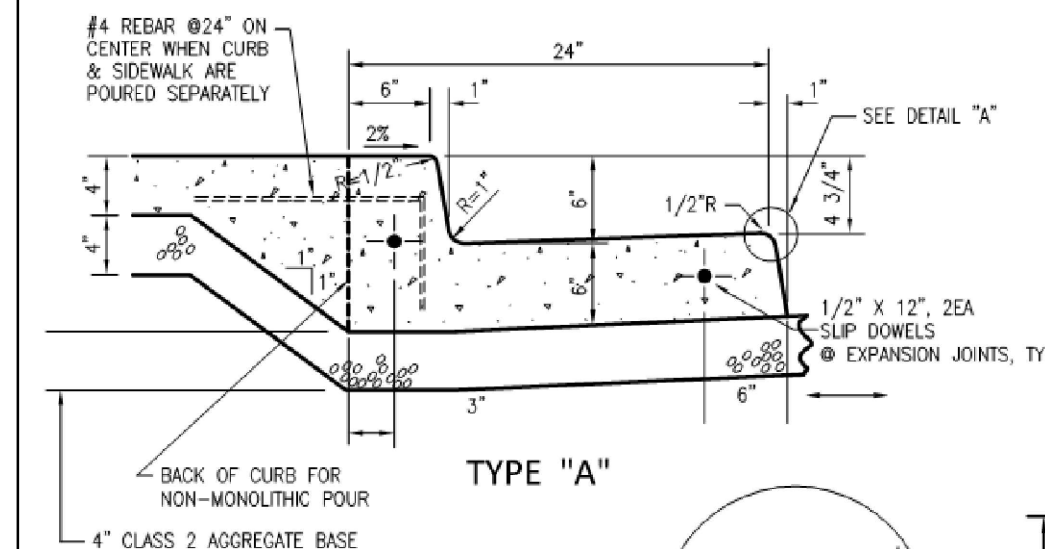
- NOTE:**
- EPOXY REBAR COATING SHALL BE BY SIMPSON STRONG-TIE COMPANY INC., PRODUCT SET-XP EPOXY ADHESIVE OR APPROVED EQUAL. ICC REPORT NUMBER ESR-3372

2 CONNECTION TO EXISTING CONCRETE
NOT TO SCALE

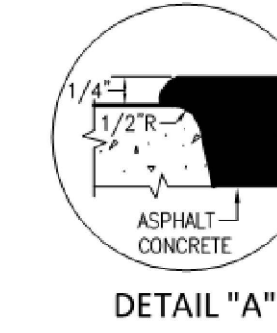


- NOTE:**
- AC PLUG TO BE TYPE A HMA

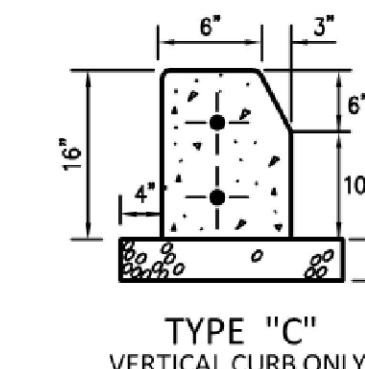
3 CITY OF HALF MOON BAY STD. DETAIL SI-5A
DRIVEWAY APPROACH WITH CURB
NOT TO SCALE



TYPE "A"



DETAIL "A"



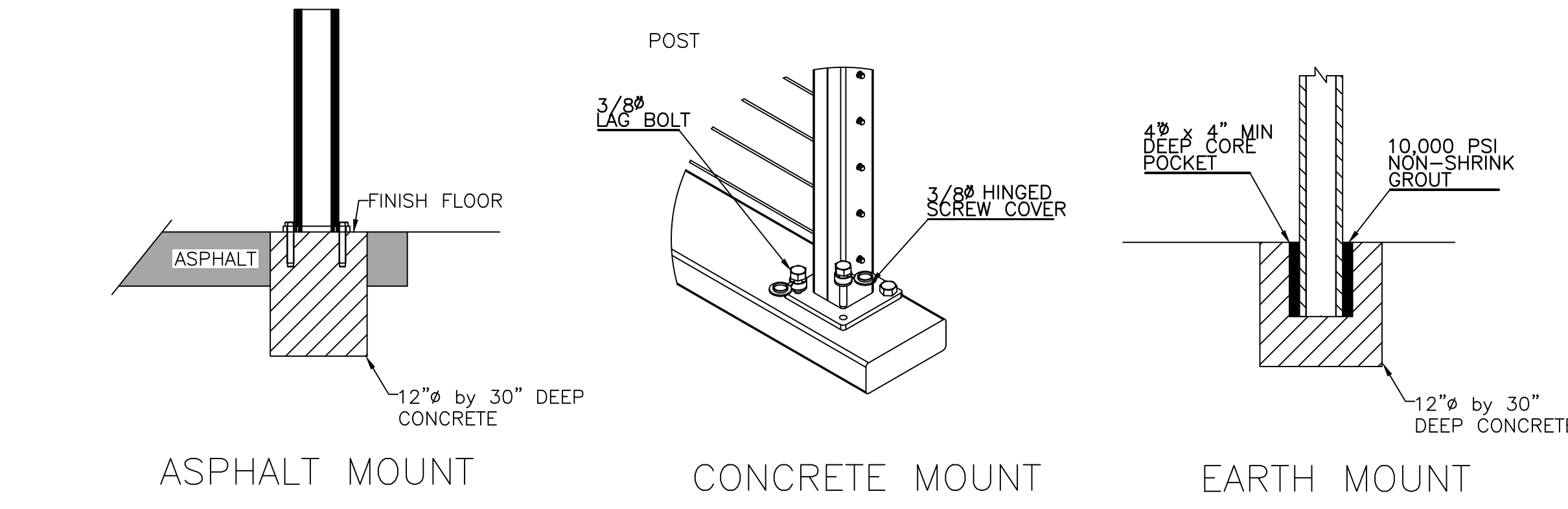
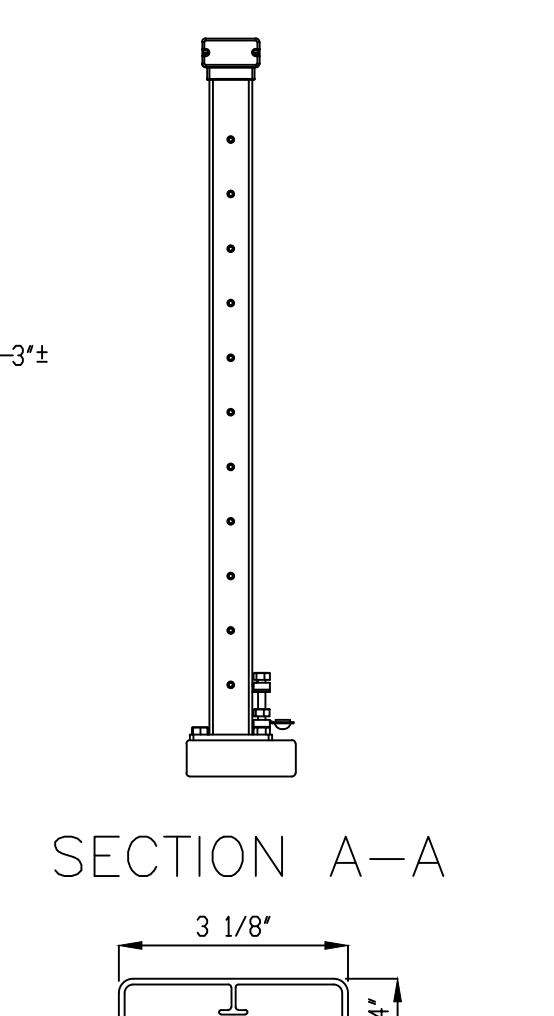
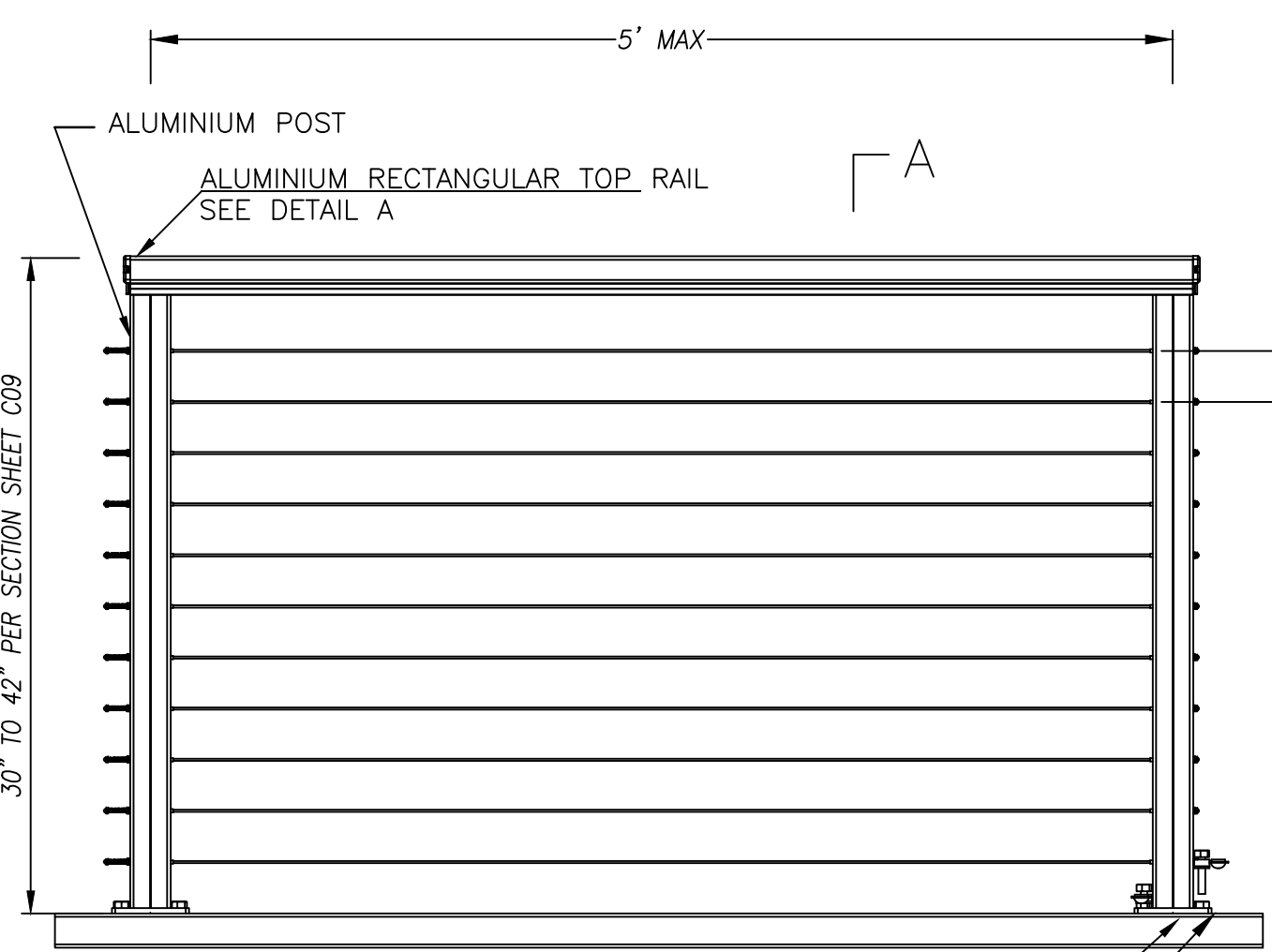
TYPE "C"
VERTICAL CURB ONLY

4 CITY OF HALF MOON BAY STD. DETAIL SI-2
TYPE "A", TYPE "C" CURB AND GUTTER
NOT TO SCALE

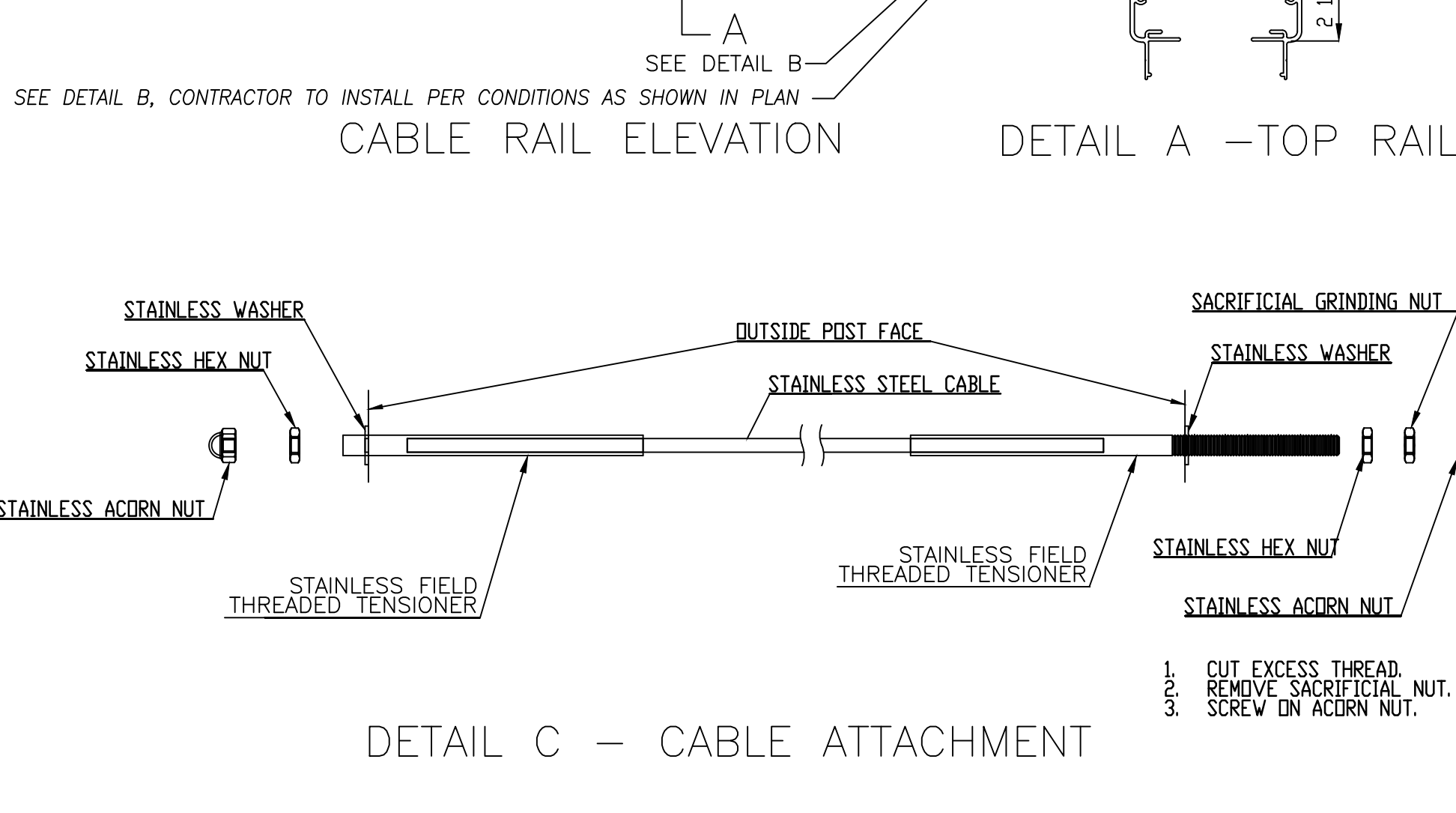
APPROVED: *ANN MADER STILLMAN*
DATE: 1/31/2022

ANN MADER STILLMAN,
INTERIM DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882 / EXPIRES 12-31-2023

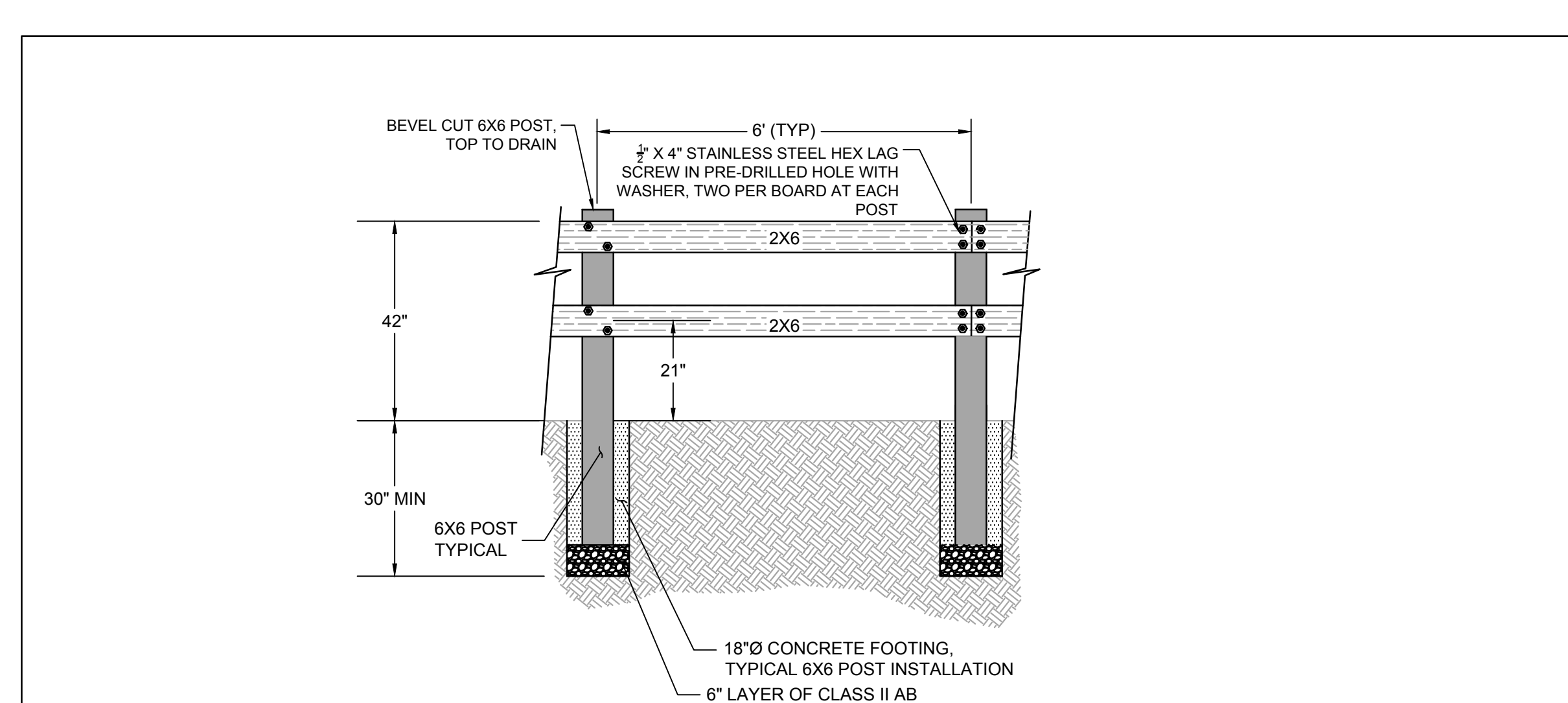
- NOTES:**
- EXPANSION JOINTS WITH DOWELS TO BE PLACED EACH 20' EXCEPT AT RETURNS.
 - PAVING AT GUTTER LIP SHALL CONFORM TO DETAIL "A" IN ALL CASES, EXCEPT WHERE STREET SLOPES AWAY FROM GUTTER, IN WHICH CASE PAVEMENT SURFACE SHALL MATCH GUTTER LIP.
 - CONCRETE TO BE CLASS "A".
 - THE RELATIVE COMPACTION OF MATERIAL BELOW ALL CURB, GUTTER & SIDEWALK SHALL NOT BE LESS THAN 95%.
 - BASEROCK TO BE EXTENDED A MINIMUM OF 2' BEYOND LIP OF GUTTER PRIOR TO POURING CONCRETE.
 - WHERE NEW CURB AND GUTTER IS TO BE POURED IN EXISTING STREETS REMOVE A 12" WIDE SECTION OF ASPHALT AND REPLACE WITH DEEP LIFT ASPHALT.



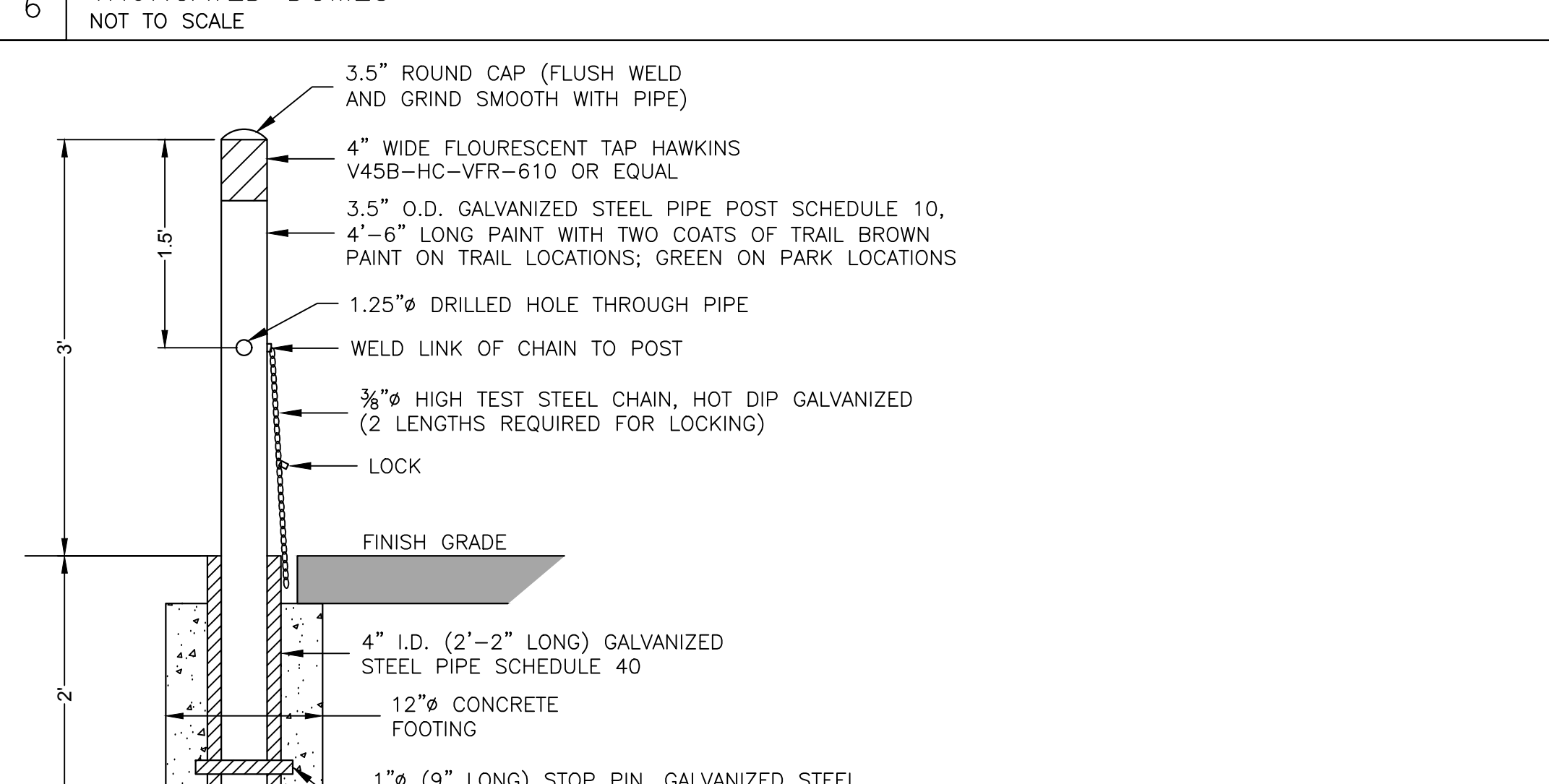
- NOTES**
- CAST IN PLACE DETECTABLE WARNING SURFACES SHALL BE ARMOR TILE DETECTABLE WARNING SURFACE OR APPROVED EQUAL.
 - NON CAST IN PLACE DETECTABLE WARNING SURFACES SHALL BE INSTALLED PER MANUFACTURES RECOMMENDATION AND SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALL.
 - INSTALL THE DETECTABLE WARNING SURFACE ON ALL PEDESTRIAN RAMPS. THE DETECTABLE WARNING SURFACE SHALL BE INSTALLED ALONG THE FIRST THREE FEET OF THE RAMP.
 - WHERE THE DETECTABLE WARNING SURFACE IS INSTALLED ALONG FLUSH CURBS, THE SURFACE SHALL EXTEND ALONG THE FULL WIDTH OF THE FLUSH CURB. WHERE THE DETECTABLE WARNING SURFACE IS INSTALLED ALONG A SIDEWALK, THE SURFACE SHALL EXTEND ALONG THE FULL WIDTH OF THE SIDEWALK. SEE THE LAYOUT PLANS FOR THE SPECIFIC LOCATIONS TO INSTALL THE WARNING SURFACES ON FLUSH CURBS AND SIDEWALKS.
 - DETECTABLE WARNING DEVICES TO BE COLOR YELLOW CONFORMING TO FEDERAL COLOR NO. 33538. AN ALTERNATE CONTRASTING COLOR MAY BE USED UPON OWNER APPROVAL.



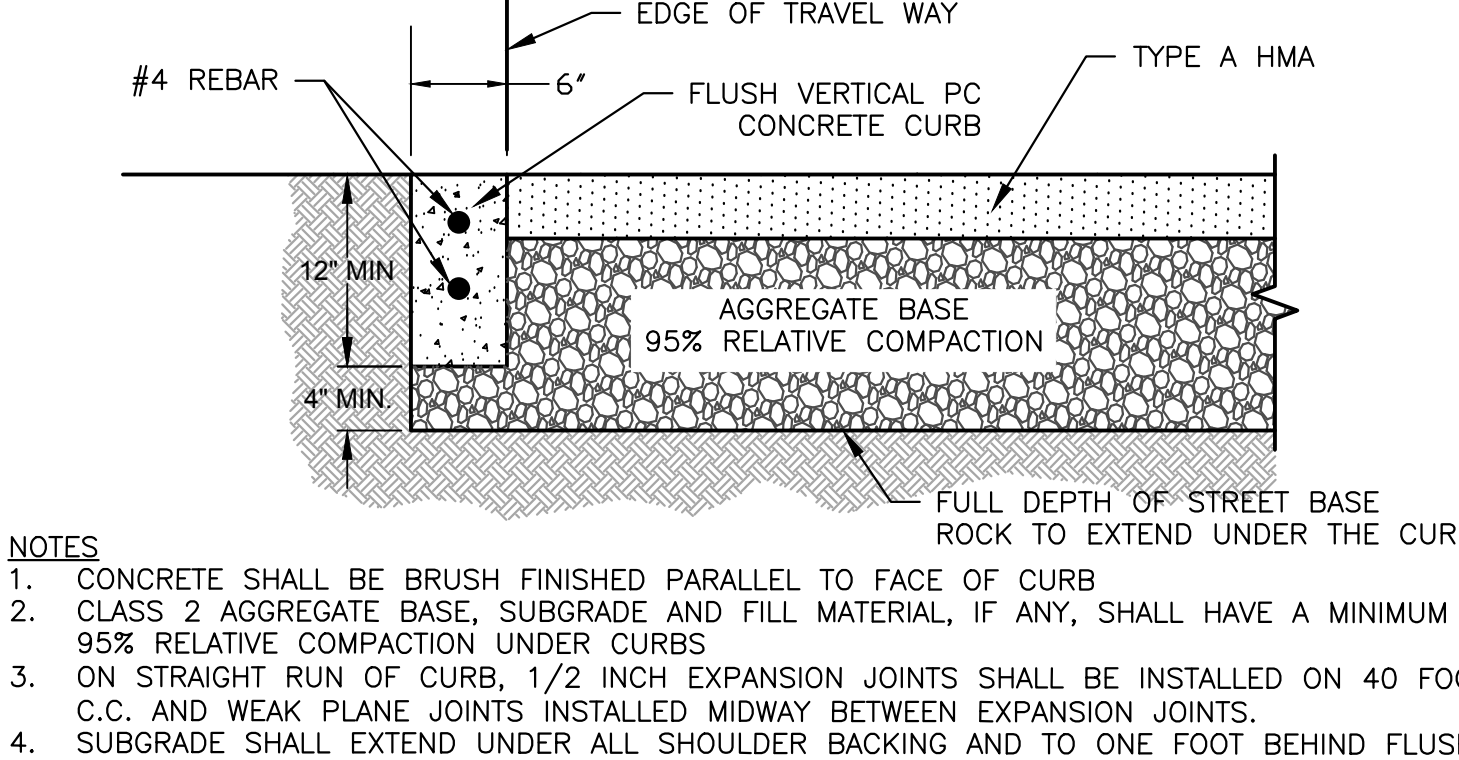
5 CABLE RAILING
NOT TO SCALE



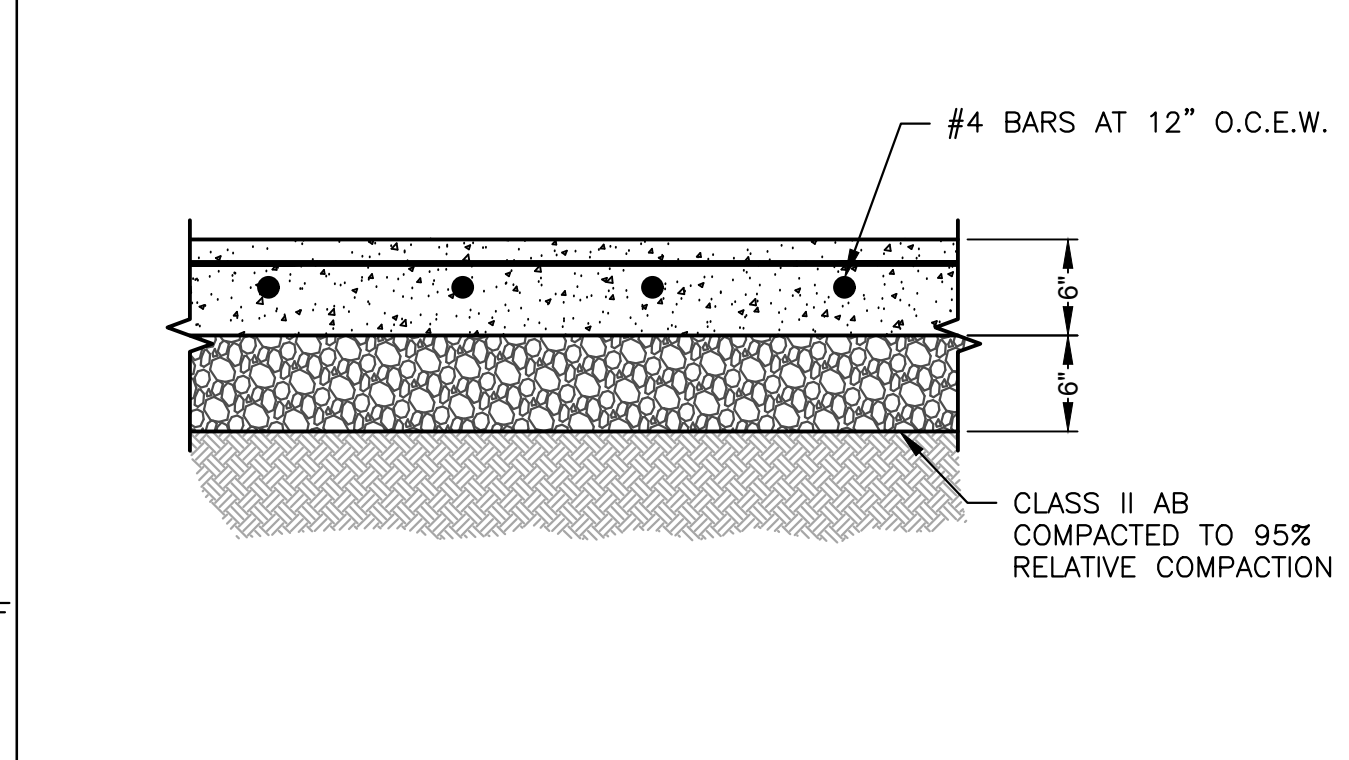
10 WOOD FENCE
NOT TO SCALE



7 REMOVABLE BOLLARD
NOT TO SCALE



8 FLUSH VERTICAL CURB
NOT TO SCALE



9 CONCRETE PAD
NOT TO SCALE

APPROVED DATE: *ANN MADER STILLMAN*

CSW | ST2

5870 Stoneridge Mall Rd, Suite 203
Pleasanton, California, 94588
http://www.cswst2.com
925.523.4001

ROBERT C. STEVENS, P.E.
R.C.E. # 058660 EXPIRES 12/31/2022

REGISTERED PROFESSIONAL ENGINEER
ROBERT C. STEVENS
No. C 058660
CIVIL
STATE OF CALIFORNIA

COUNTY OF SAN MATEO PUBLIC WORKS

DESIGNED BY: CSW/ST2 (RCS)
CHECKED BY: CSW/ST2 (RCS)
DRAWN BY: CSW/ST2 (CSE)

SITE CONSTRUCTION DETAILS
MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT
AND BANK STABILIZATION PROJECT

ANN MADER STILLMAN,
INTERIM DIRECTOR OF PUBLIC WORKS
COUNTY SAN MATEO

555 COUNTY CENTER, 5th FLOOR
REDWOOD CITY, CALIFORNIA 94063

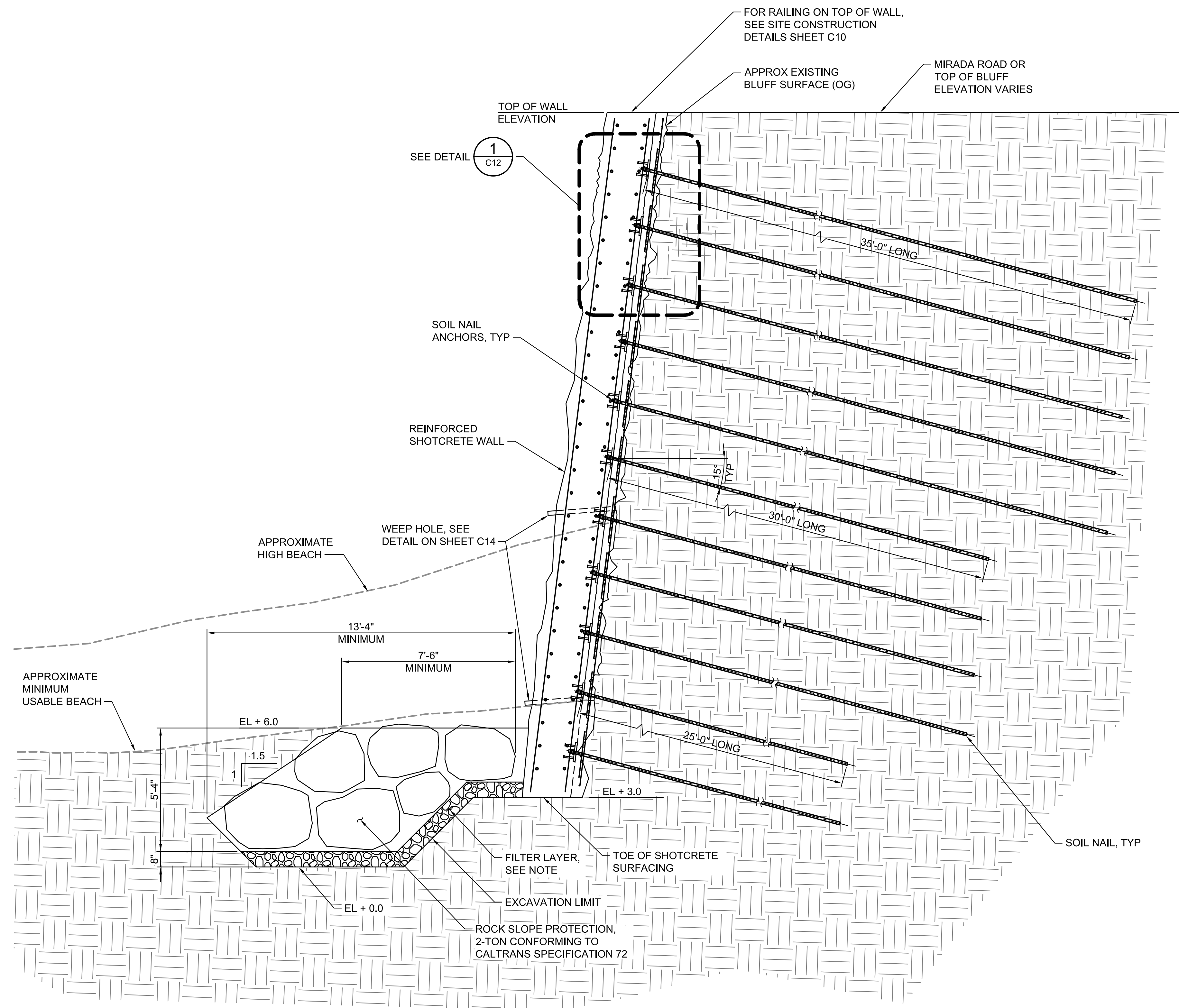
SCALE: AS SHOWN
DATE: 01/14/2022
FILE NO.: 1/4983

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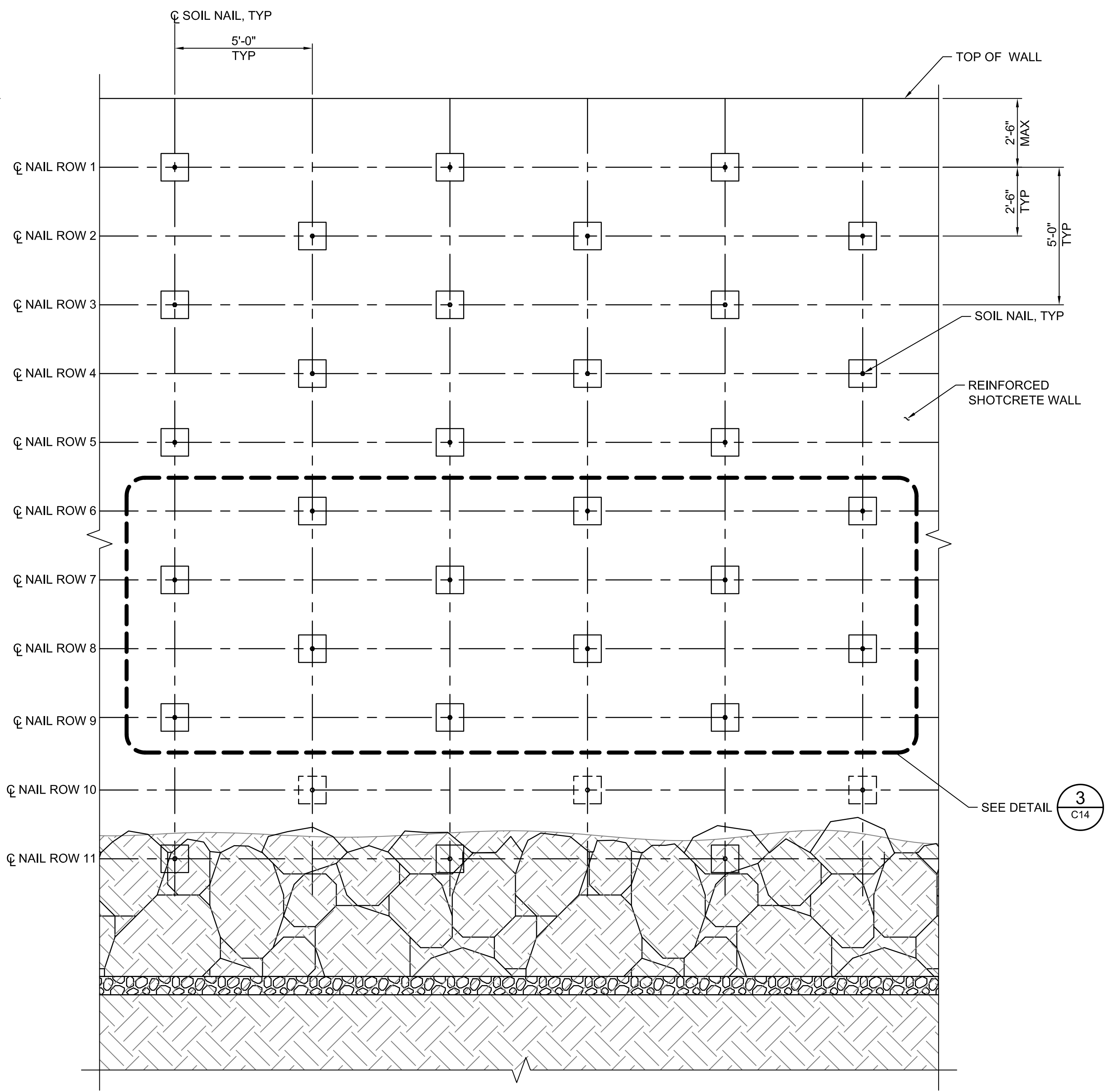
C10 SHEET 10 OF 18



APPROVED: 1/31/2022
 DATE: *Ann Mader Stillman*
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023

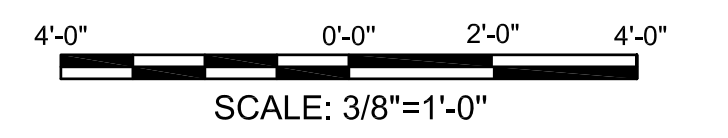


A SECTION
 SCALE: 3/8" = 1'-0"



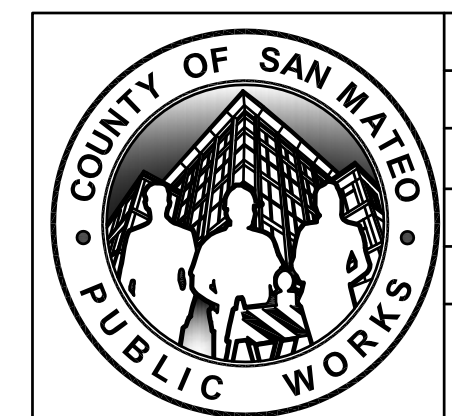
B ELEVATION
 SCALE: 3/8" = 1'-0"

- NOTES:
1. REINFORCEMENT NOT SHOWN FOR CLARITY.
 2. SEE SOIL NAIL WALL SCHEDULE ON SHEET C14.



NOTE: ROCK FOR FILTER LAYER SHALL CONFORM TO CALTRANS SPECIFICATION 72 AND THE FOLLOWING GRADATION:
 8-INCH, 100% PASSING, 4 INCH 0% TO 5% PASSING.

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 MOFFATT & NICHOL
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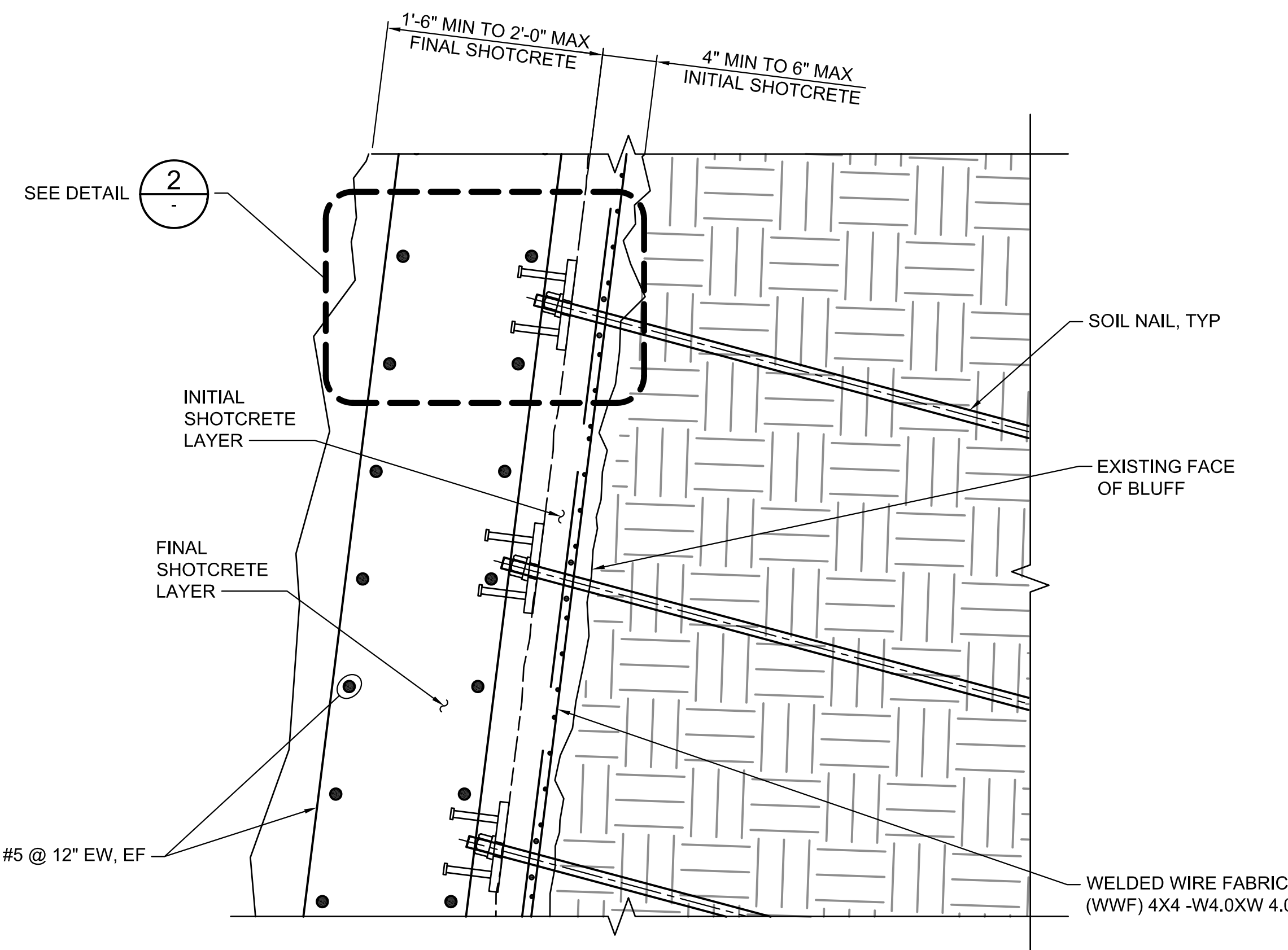


DESIGNED BY: MN (DAJ/AF)		WALL SECTION AND ELEVATION		SCALE: AS SHOWN
CHECKED BY: MN (JFJ)		MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT		DATE: 01/14/2022
DRAWN BY: MN (PH)		ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		FILE NO.: 1/4983
REVISION	DATE	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063		C11 SHEET 11 OF 18

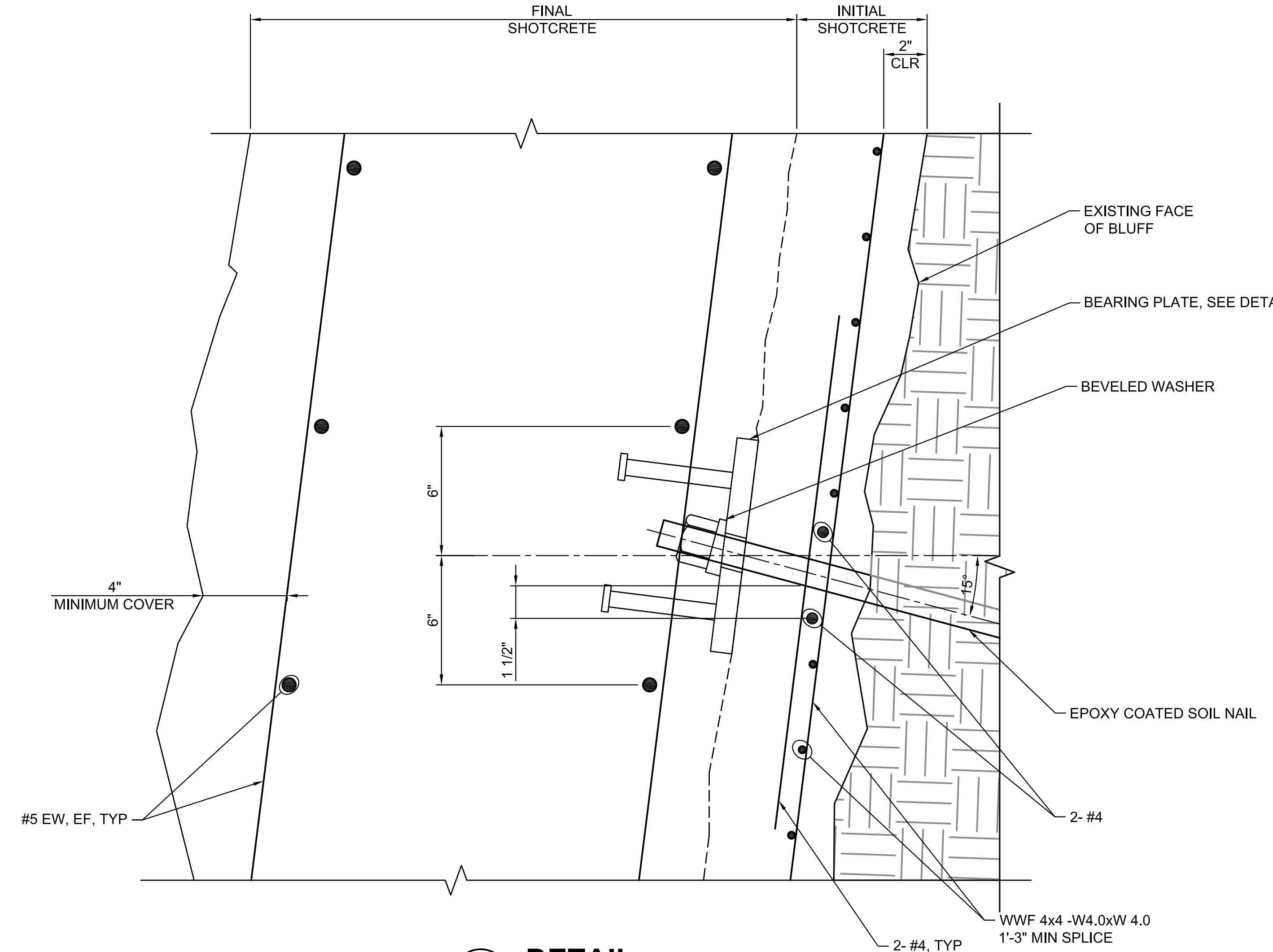




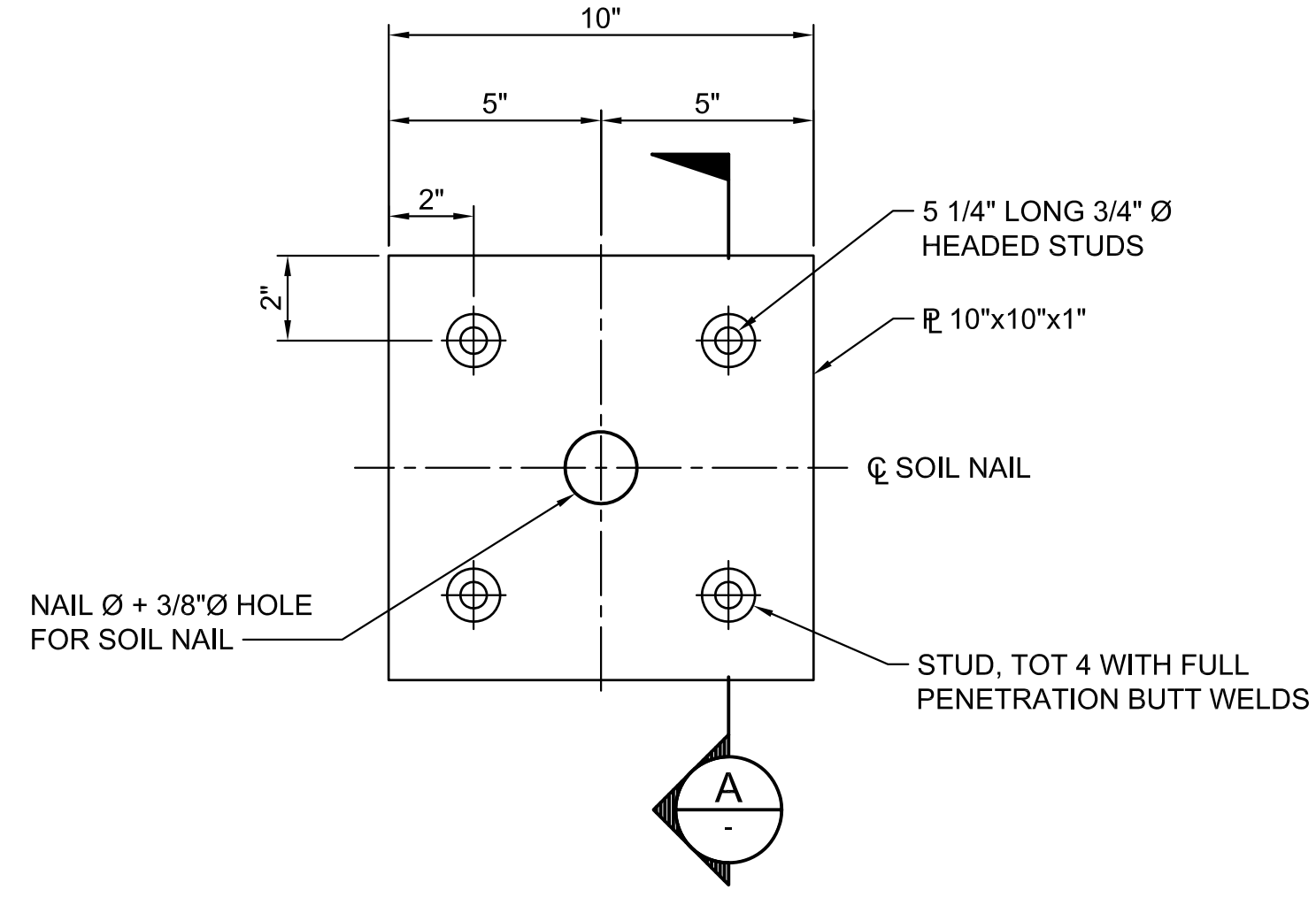
APPROVED: *Ann Mader Stillman*
 DATE: 1/31/2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023



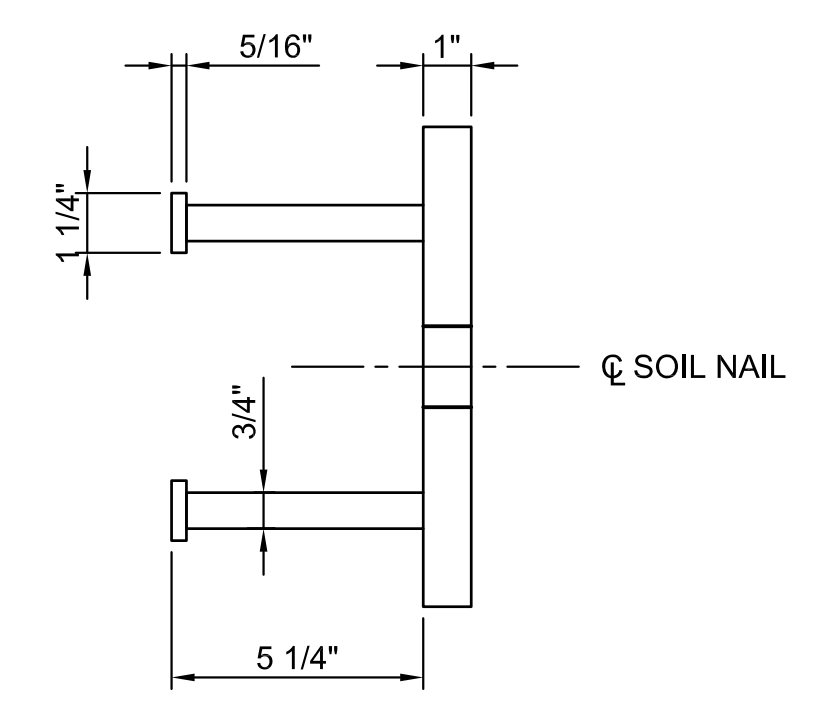
1 STEEL- REINFORCEMENT DETAIL
 SCALE: 1" = 1'-0"



2 DETAIL
 SCALE: 3" = 1'-0"

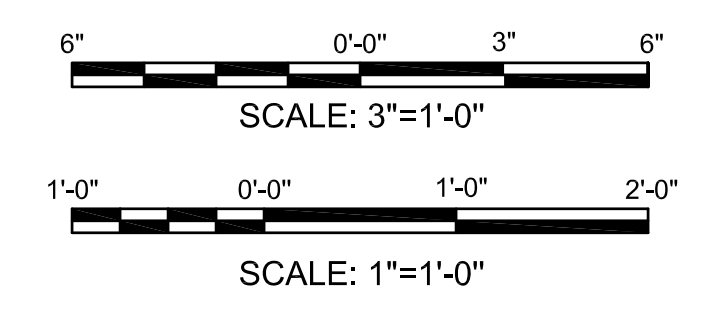


3 BEARING PLATE DETAIL
 SCALE: 3" = 1'-0"

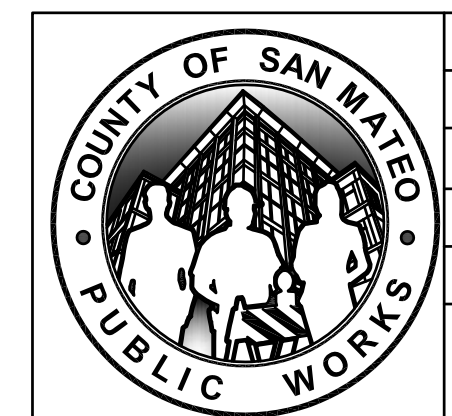


A SECTION
 SCALE: 3" = 1'-0"

- NOTES:**
1. THE VERTICAL AND HORIZONTAL CONSTRUCTION JOINTS IN THE INITIAL SHOTCRETE LAYER SHALL BE LOCATED A MINIMUM OF 1'-6" FROM ADJACENT SOIL NAILS.
 2. LAP SPLICE LENGTH FOR REBAR SHALL BE EQUAL TO 48 BAR DIAMETERS.
 3. LAP SPLICE LENGTH FOR GEOCOMPOSITE STRIPS SHALL BE 12".
 4. REINFORCED CONCRETE / SHOTCRETE: F'c= 5,000 PSI @ 28 DAYS.
 5. REINFORCING STEEL: ASTM A615 GRADE 60, Fy = 60,000 PSI.



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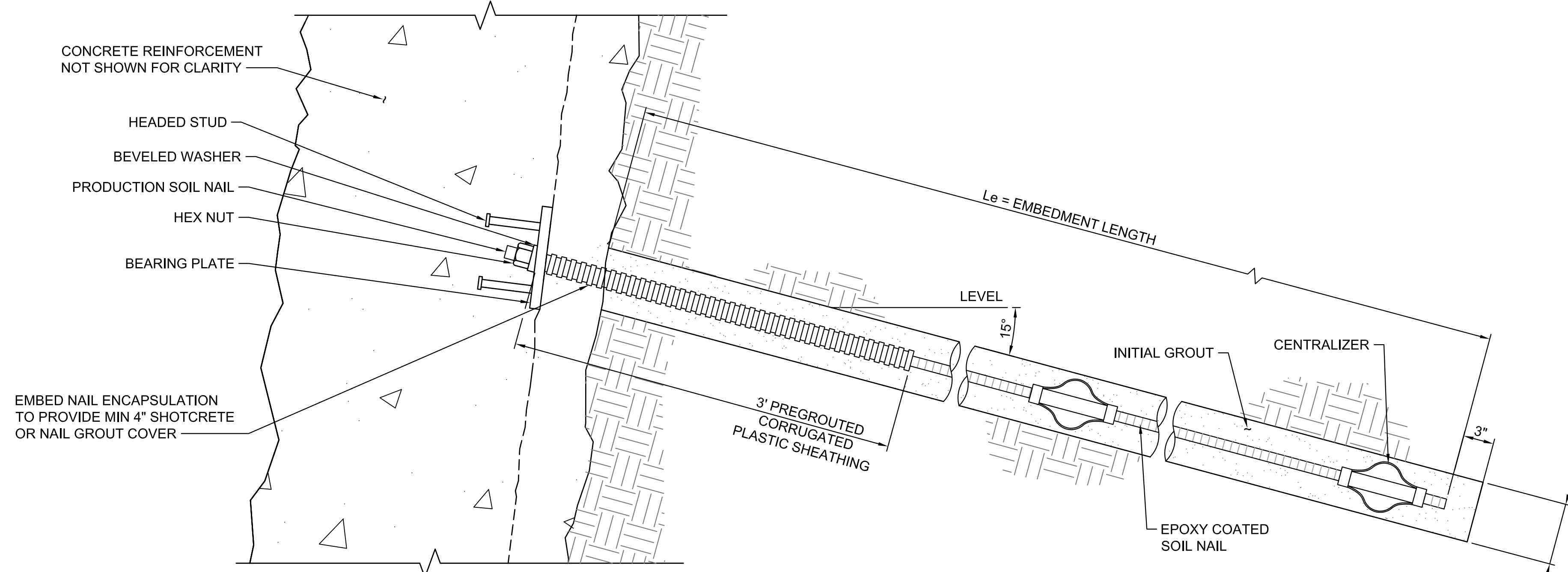
DESIGNED BY: MN (DAJ/AF)	WALL DETAILS SHEET 1 OF 3	SCALE: AS SHOWN
CHECKED BY: MN (JFJ)		DATE: 01/14/2022
DRAWN BY: MN (PH)	MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT	FILE NO.: 1/4983
ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063	C12 SHEET 12 OF 18



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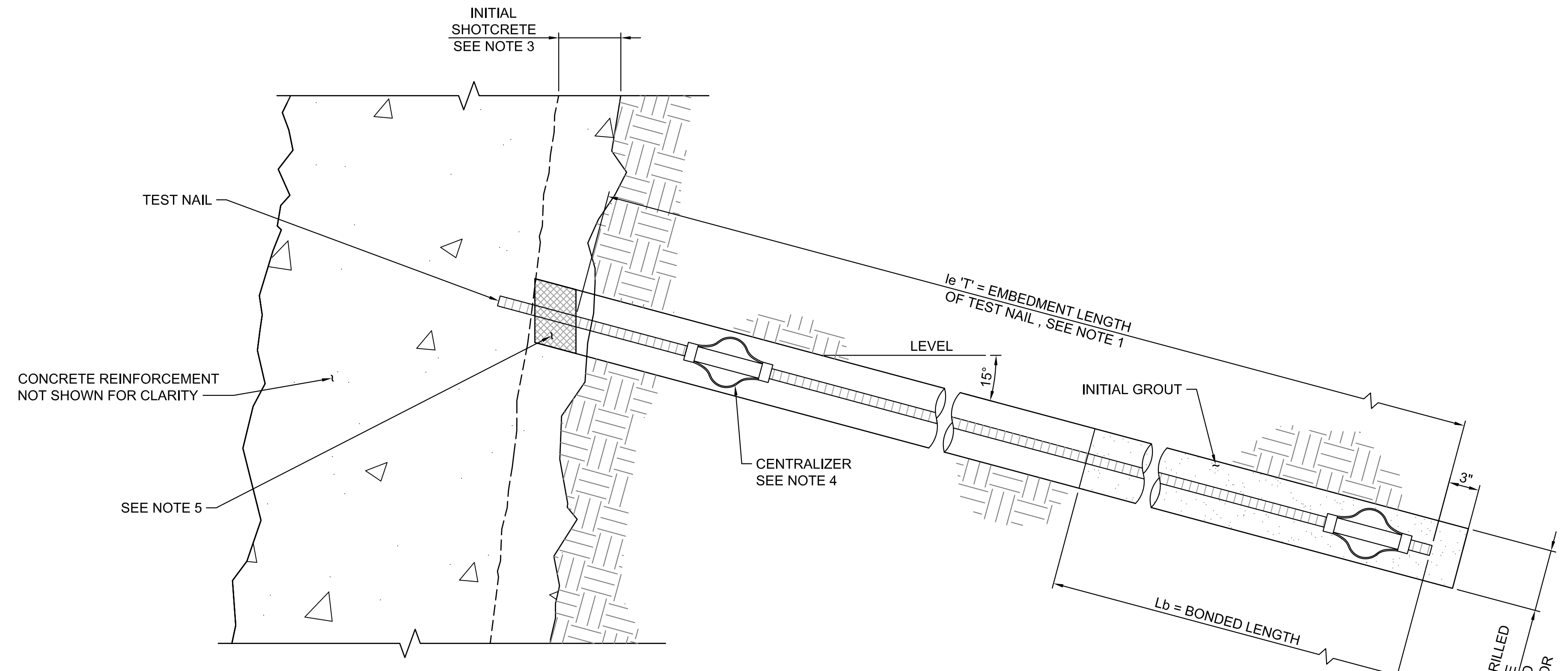


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 DATE: 1/31/2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023

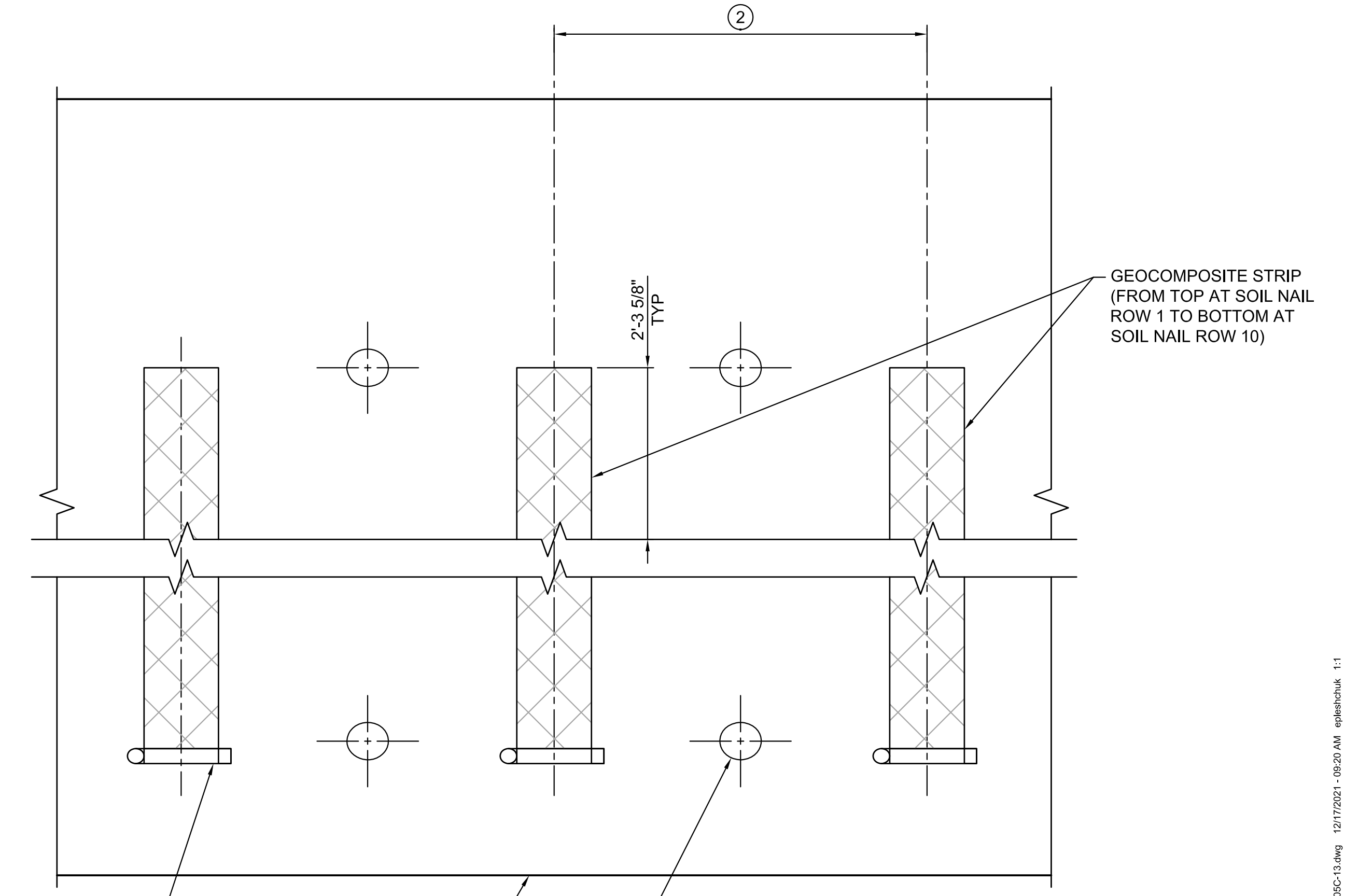


A PERMANENT SOIL NAIL ASSEMBLY - SECTION
 SCALE: 1 1/2" = 1'-0"

- NOTES:**
1. THE L_e 'T', EMBEDMENT LENGTH OF TEST NAIL, SHALL BE EQUAL TO TWO THIRDS OF THE EMBEDMENT LENGTH, L_e OF ADJACENT SOIL NAIL ASSEMBLIES, BUT NOT LESS THAN 20 FEET.
 2. CONTRACTOR IS RESPONSIBLE FOR SELECTING TEST NAIL BAR DIAMETER, AND THE TOTAL LENGTH TO ACCOMMODATE THE JACKING EQUIPMENT FOR THE TEST SOIL NAIL.
 3. REINFORCEMENT REQUIRED FOR PROOF TESTING.
 4. THE CENTRALIZER SHALL BE MADE FROM A PLASTIC MATERIAL AND ATTACHED TO THE NAIL IN A WAY THAT WILL NOT IMPEDE THE FREE FLOW OF GROUT.
 5. MINIMUM 2" DIAMETER BLOCKOUT IS REQUIRED FOR PULLOUT TESTING. VERIFICATION, PROOF TEST, AND DESIGN PULLOUT RESISTANCE.



B VERIFICATION AND PROOF TEST SOIL NAIL ASSEMBLY - SECTION
 SCALE: 1 1/2" = 1'-0"



C WALL PART - ELEVATION
 NOTES:

1. BOTTOM OF WALL TO BE PLACED AGAINST UNDISTURBED MATERIAL.
2. CENTER OF GEOCOMPOSITE STRIPS SHALL BE CENTERED VERTICAL BETWEEN SOIL NAIL ASSEMBLIES.
3. INDICATE SOIL NAIL LOCATIONS.

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COUNTY OF SAN MATEO PUBLIC WORKS

DESIGNED BY: MN (DAJ/AF)
 CHECKED BY: MN (JFJ)
 DRAWN BY: MN (PH)

WALL DETAILS SHEET 2 OF 3
 MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT
 AND BANK STABILIZATION PROJECT

ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 COUNTY SAN MATEO

555 COUNTY CENTER, 5th FLOOR
 REDWOOD CITY, CALIFORNIA 94063

SCALE: AS SHOWN
 DATE: 01/14/2022
 FILE NO.: 1/4983

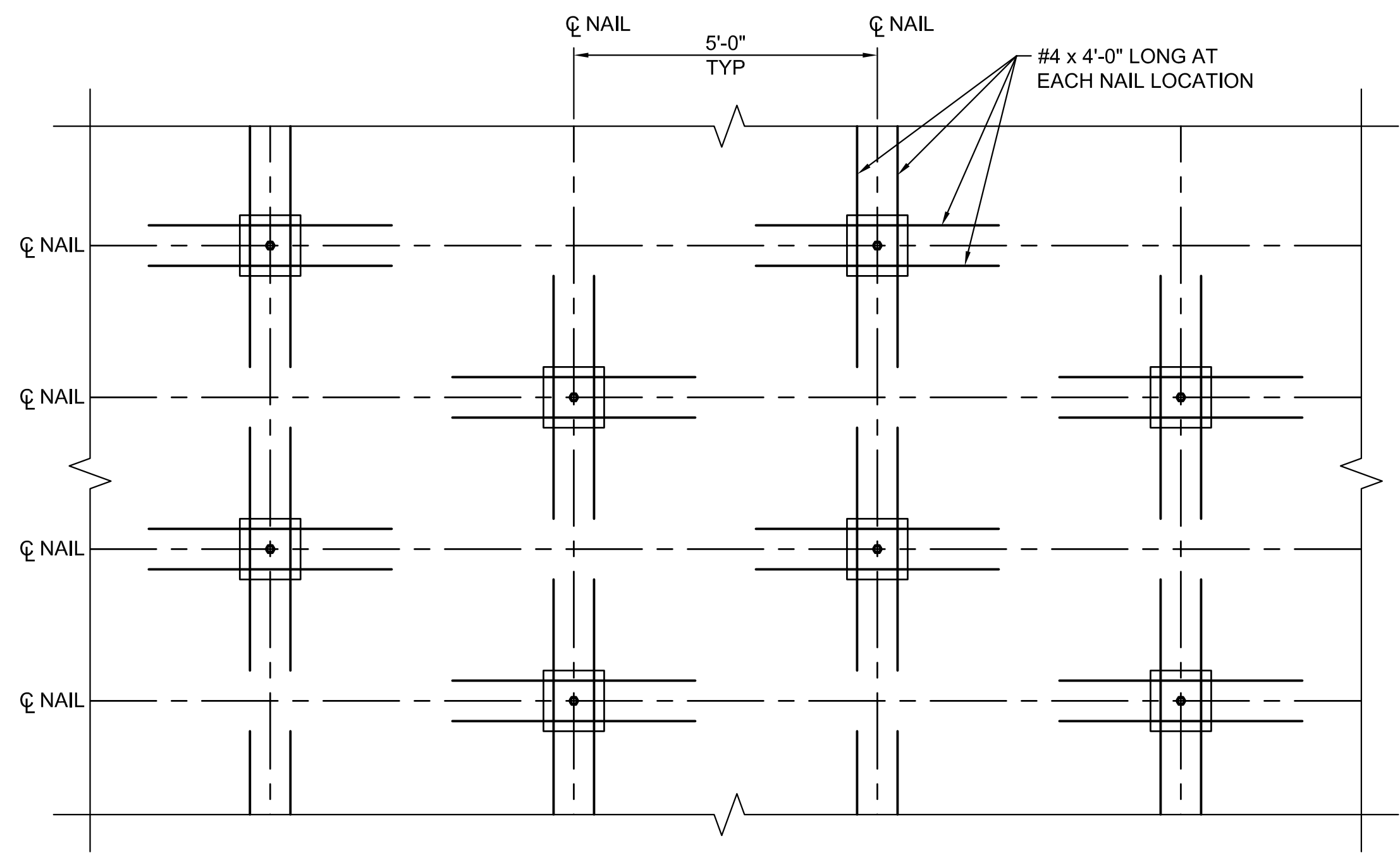
FOR REDUCED PLANS
 ORIGINAL SCALE IS IN INCHES

C13
 SHEET 13 OF 18

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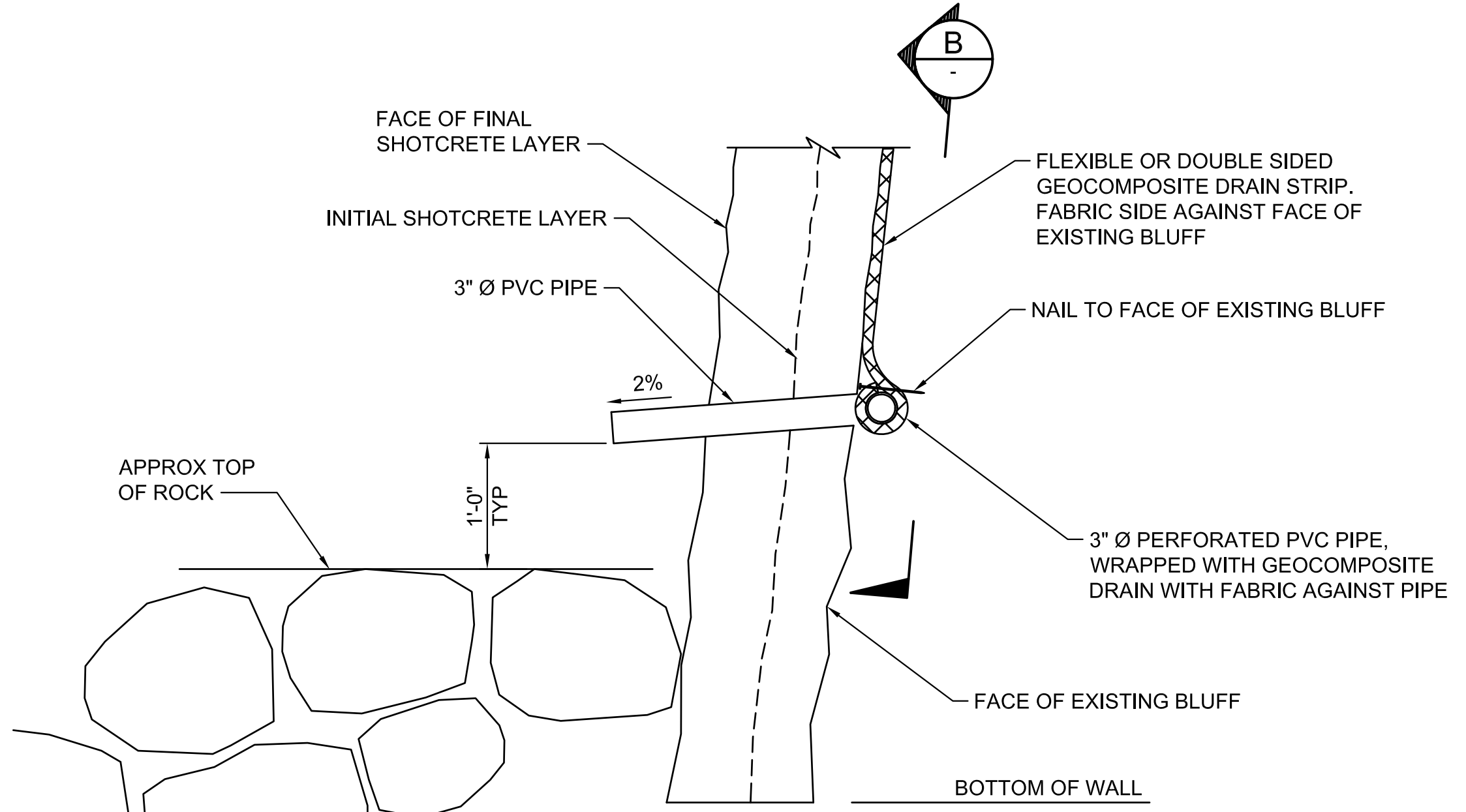
NOTE: ADDITIONAL WALL REINFORCEMENT SHALL BE PLACED AT THE WWF LAYER OF INITIAL SHOTCRETE. WWF AT INITIAL SHOTCRETE AND REINFORCING AT FINAL SHOTCRETE LAYER NOT SHOWN FOR CLARITY.

SOIL NAIL SCHEDULE

ROW	Le, FT	BAR SIZE	Pn	SOIL DESCRIPTION
1-2	35	#9	1.58	MEDIUM DENSE CLAYEY SAND
3-5	35	#9	2.26	MEDIUM DENSE TO DENSE CLAYEY SAND
6-7	30	#9	2.26	MEDIUM DENSE TO DENSE CLAYEY SAND
8-9	30	#9	2.26	MEDIUM DENSE TO DENSE CLAYEY SAND
10-11	25	#9	2.26	MEDIUM DENSE TO DENSE CLAYEY SAND

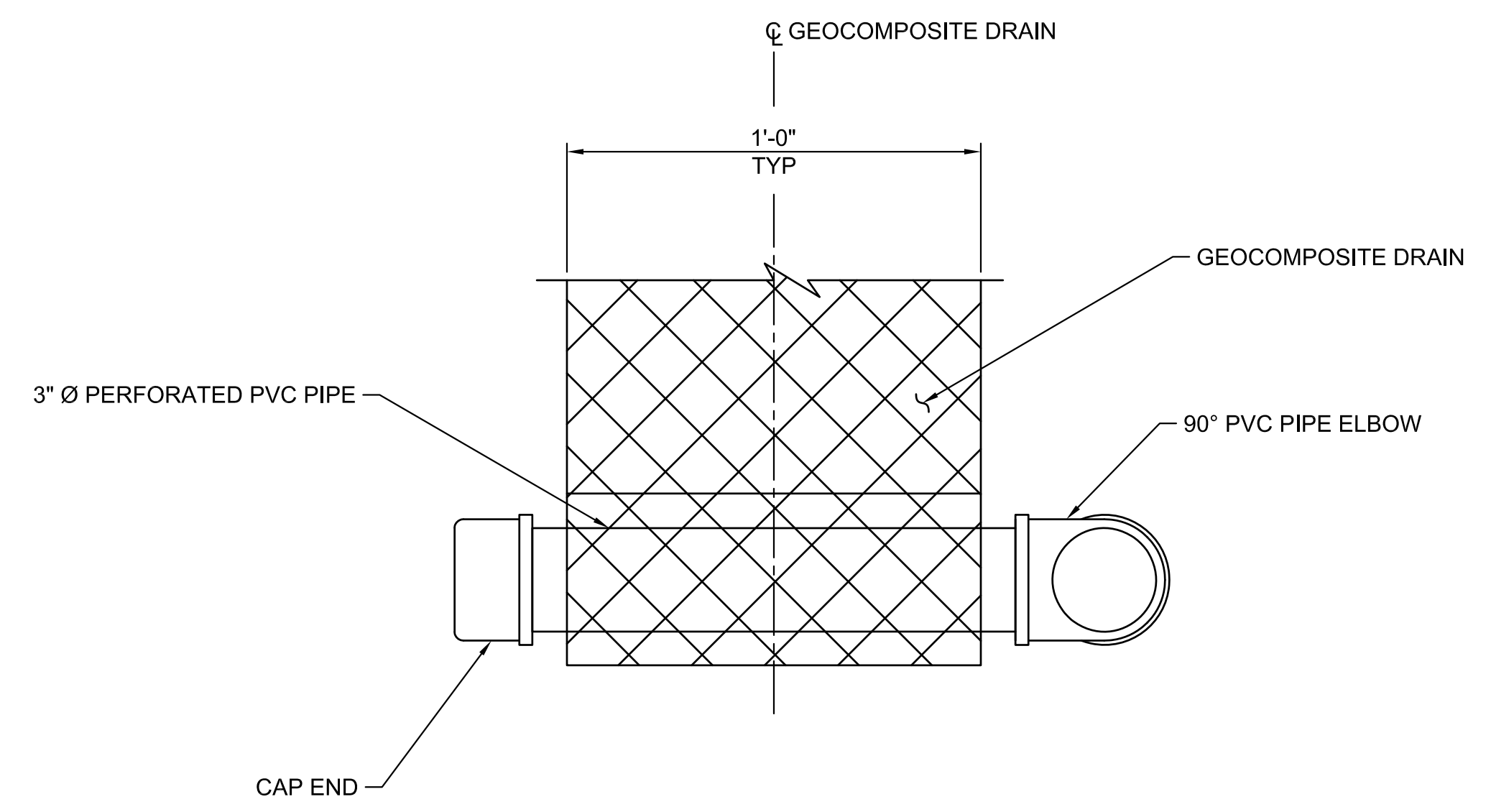
- Le: EMBEDMENT LENGTH, FT.
 Pn: NOMINAL PULLOUT RESISTANCE, KLF (KIP PER LINEAR FOOT).
- THE EMBEDMENT LENGTH Le FOR ROWS 1, 2, AND 3 SHALL BE 40 FT IN THE NORTH WALL AT STATION 0+90 TO 1+10.
 - THE EMBEDMENT LENGTH Le FOR ROWS 1, 2, AND 3 SHALL BE 40 FT IN THE SOUTH WALL AT STATION 0+35 TO 0+71.

3 ADDITIONAL WALL REINFORCEMENT
 SCALE: 1/2" = 1'-0"



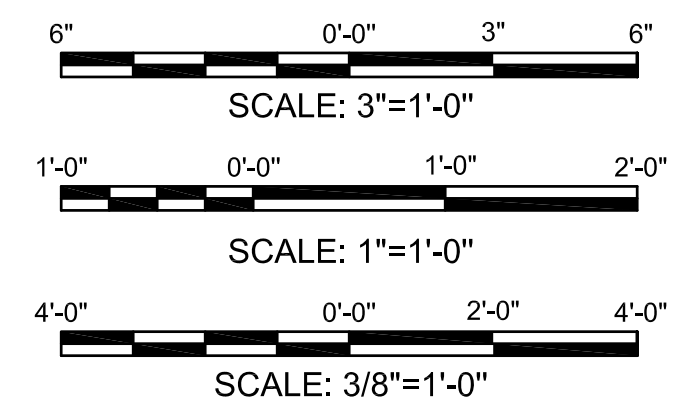
NOTE: REINFORCEMENT NOT SHOWN FOR CLARITY.

4 WALL DRAIN DETAIL AT WEEPHOLE
 SCALE: 1" = 1'-0"

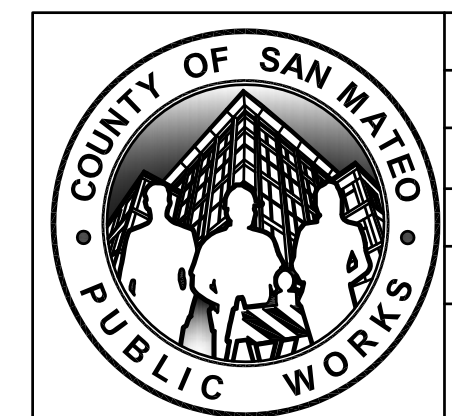


B SECTION
 SCALE: 3" = 1'-0"

- NOTES:
- GEOCOMPOSITE DRAIN STRIP PER SECTION 96 GEOSYNTHETICS OF THE CALTRANS STANDARD SPECIFICATIONS.



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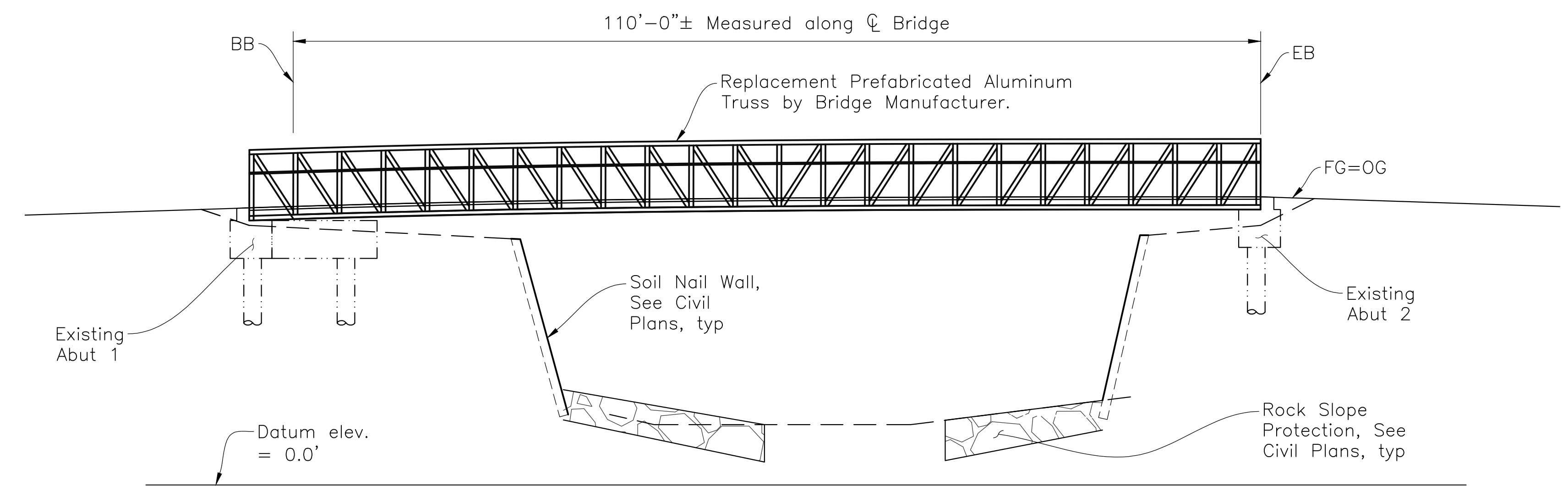


DESIGNED BY: MN (DAJ/AF)	WALL DETAILS SHEET 3 OF 3	SCALE: AS SHOWN
CHECKED BY: MN (JFJ)		DATE: 01/14/2022
DRAWN BY: MN (PH)	MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT	FILE NO.: 1/4983
REVISION	DATE	ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO
		555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES		C14 SHEET 14 OF 18

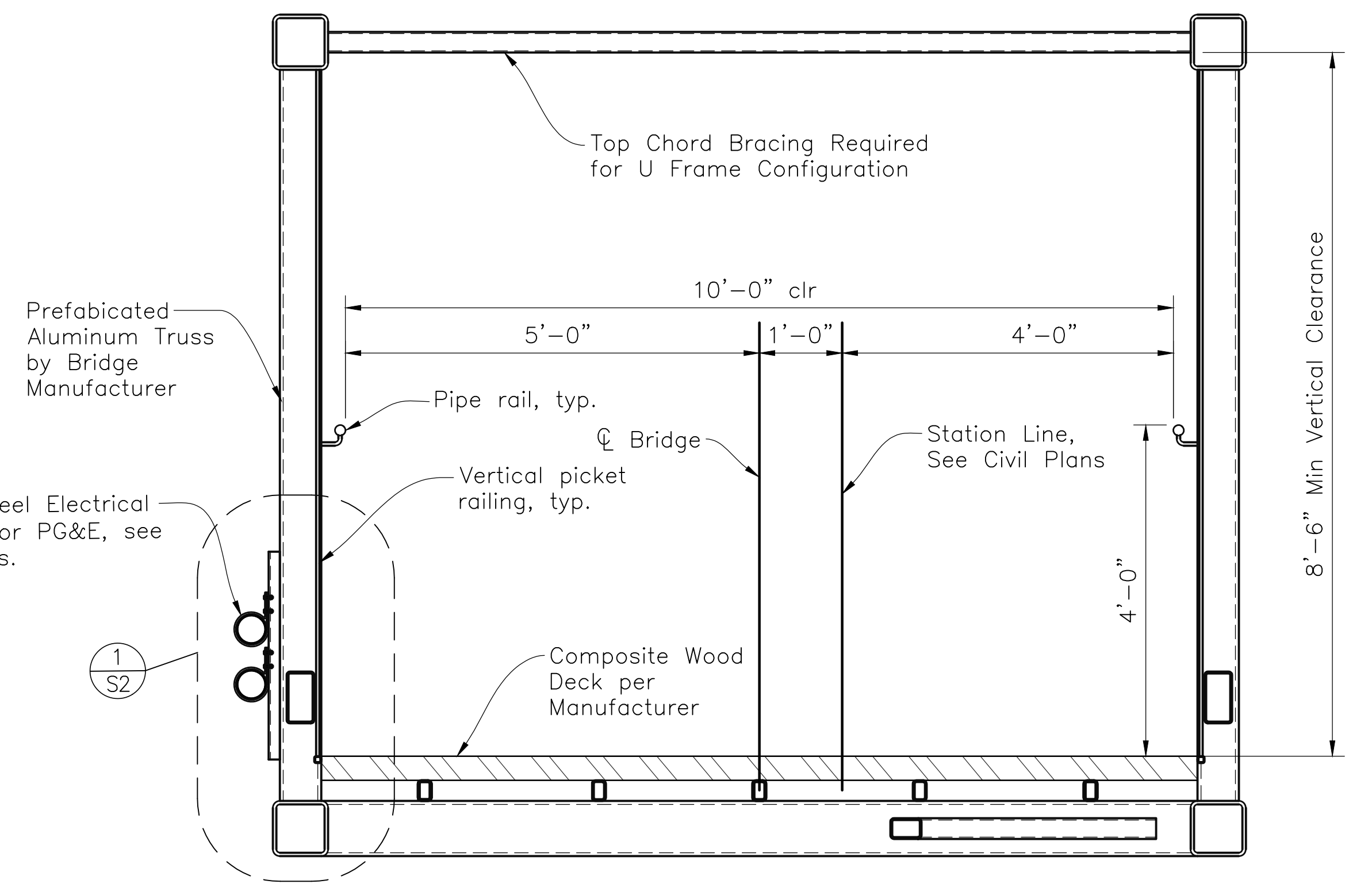
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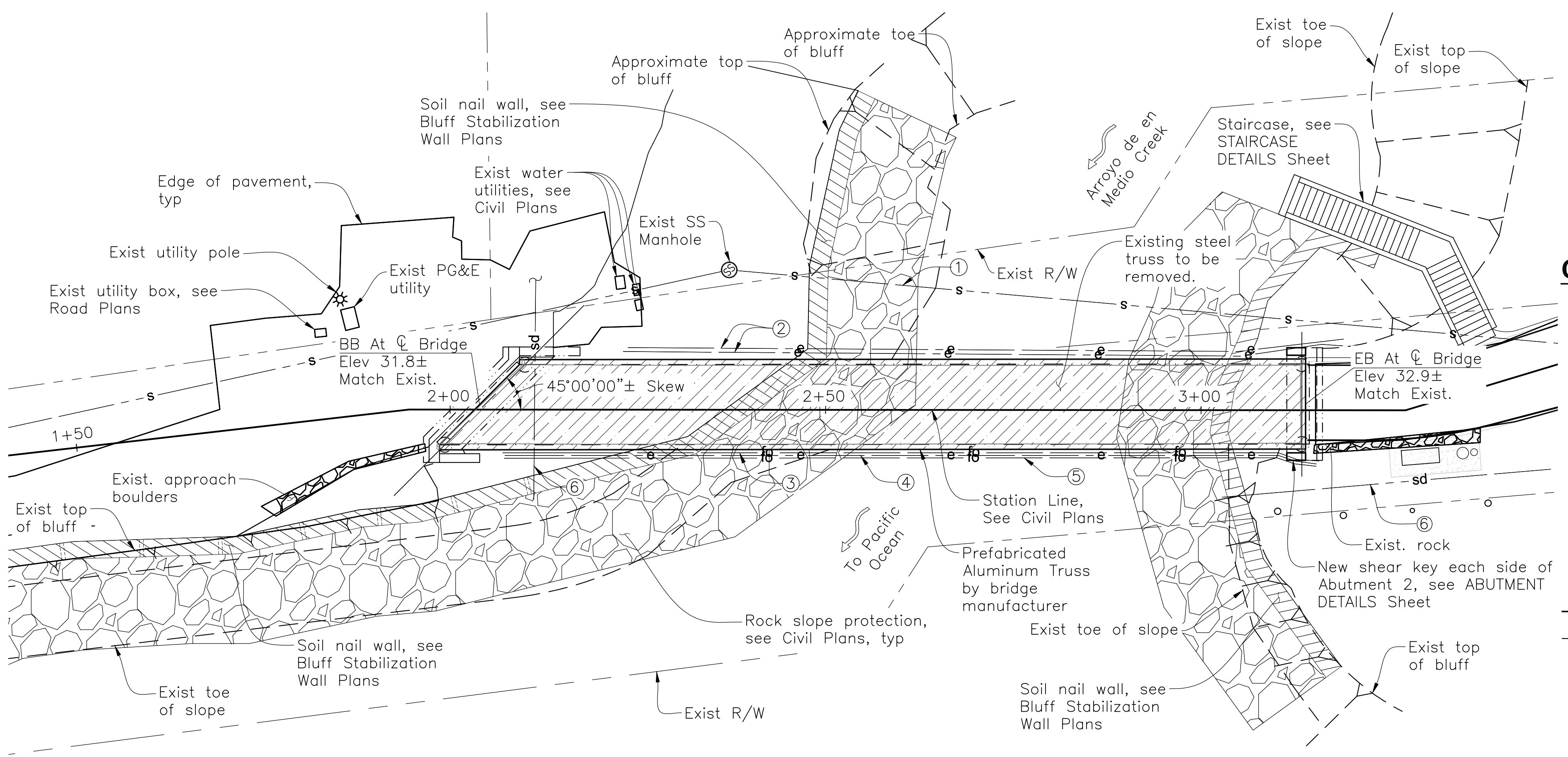
APPROVED: *Ann Mader Stillman*
 DATE: 1/31/2022
 ANN MADER STILLMAN,
 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023



ELEVATION
 1"=10'-0"



TYPICAL SECTION
 3/4"=1'-0"



PLAN
 1"= 10'-0"

CALTRANS 2018 STANDARD PLANS

- A3A ABBREVIATIONS (SHEET 1 OF 3)
- A3B ABBREVIATIONS (SHEET 2 OF 3)
- A3C ABBREVIATIONS (SHEET 3 OF 3)
- A10A LEGEND - LINES AND SYMBOLS (SHEET 1 OF 5)
- A10B LEGEND - LINES AND SYMBOLS (SHEET 2 OF 5)
- A10C LEGEND - LINES AND SYMBOLS (SHEET 3 OF 5)
- A10D LEGEND - LINES AND SYMBOLS (SHEET 4 OF 5)
- A10E LEGEND - LINES AND SYMBOLS (SHEET 5 OF 5)

Legend

- Existing arch and steel truss to be removed
- Indicates new construction
- Indicates existing bridge
- ① Existing sewer pipe to be removed
- ② Existing 2'-4" ø electrical conduits (galv.) intended for future use to be removed (PG&E).
- ③ Existing 4" ø conduit (galv.) to be removed (AT&T).
- ④ Existing 2" ø electrical conduit (galv.) to be removed.
- ⑤ Existing 2" ø conduit (galv.) to be removed (Pacbell).
- ⑥ Existing storm drain to remain.

Notes:

1. These plans shall incorporate the State of California, Department of Transportation, Standard Specifications and Standard Plans dated 2018, and the Project Special Provisions.
2. The contractor shall verify all controlling field dimensions before ordering or fabricating any material.
3. Bridge shall be made from Aluminum as specified by prefabricated bridge manufacturer.
4. Prefabricated truss bridge length shall be verified by the Contractor with in-place location of abutments.
5. Utility locations shown schematically. Contractor to verify all utilities with Civil Plans.

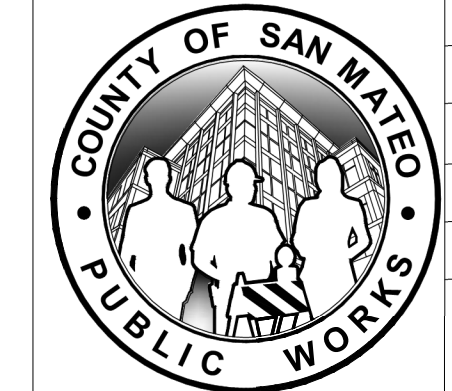
INDEX TO STRUCTURAL PLANS

SHEET No.	TITLE
S-1	GENERAL PLAN
S-2	ABUTMENT DETAILS
S-3	STAIR DETAILS NO. 1
S-4	STAIR DETAILS NO. 2

Indicates section letter
 Indicates sheet no. shown on
 Indicates detail no.
 Indicates sheet no. shown on

CORNERSTONE
 structural engineering group
 986 W Alluvial Ave - Suite 201
 Fresno, California 93711
 559.320.3200
 fax 559.320.3201

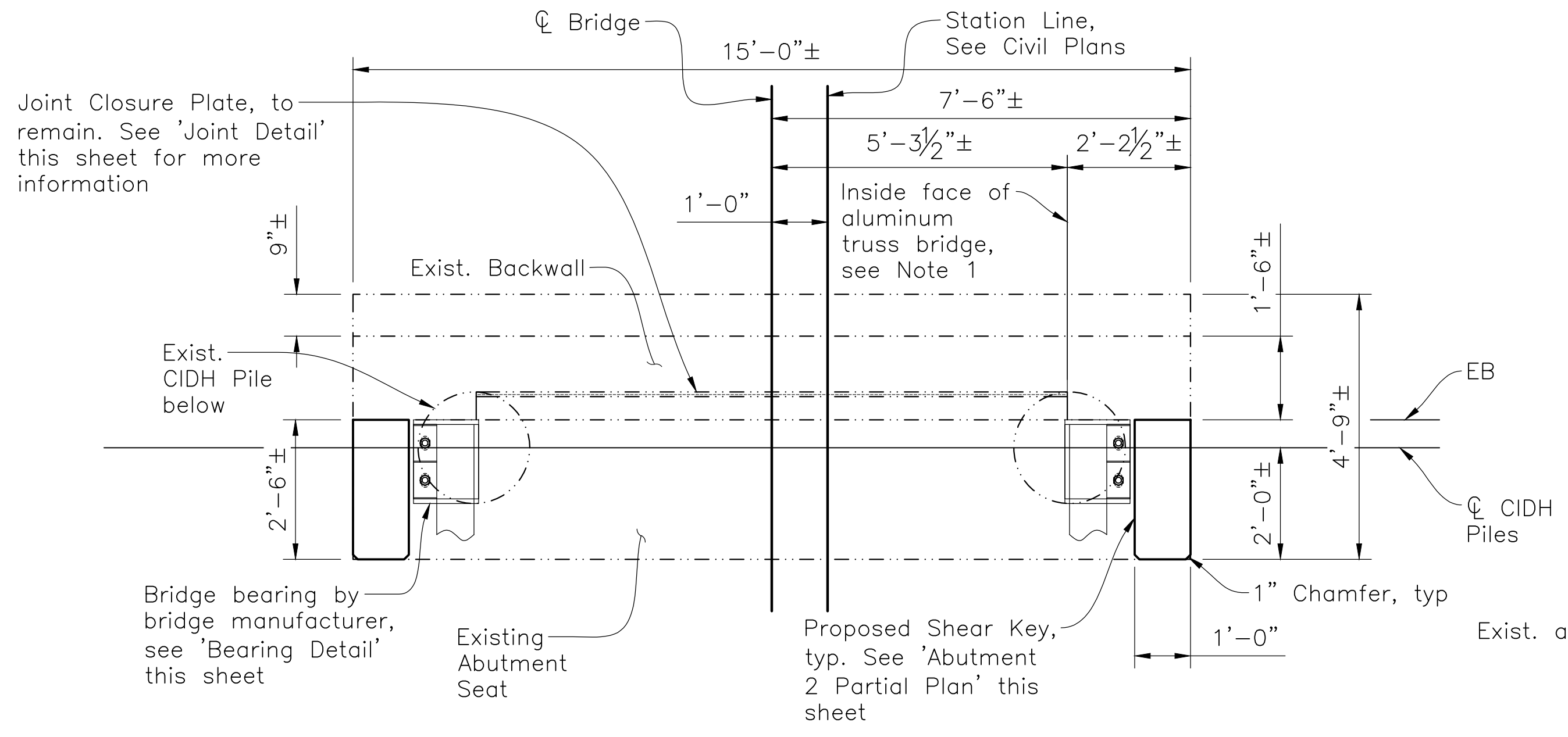
APPROVED DATE:
N. Bobby Garcia
 Narciso R. Zermeno, S.E.
 R.S.E. # S6783 EXPIRES 03/31/2022



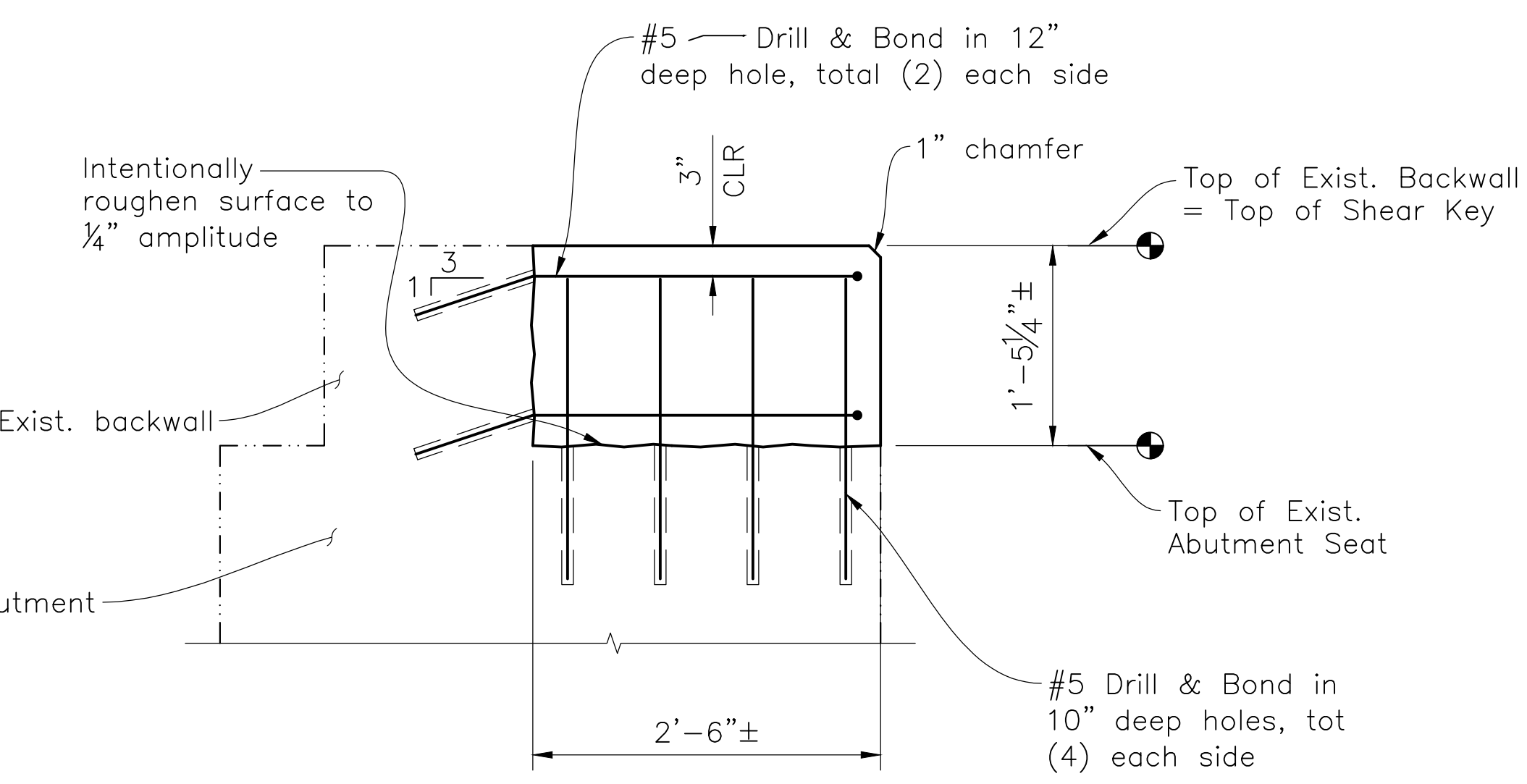
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CHECKED BY: CSEG (MAW)		DATE: 01/14/2022
DRAWN BY: CSEG (TLW)	ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063
REVISION	DATE	FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
		0 1 2 3 4
		S1 SHEET 15 OF 18



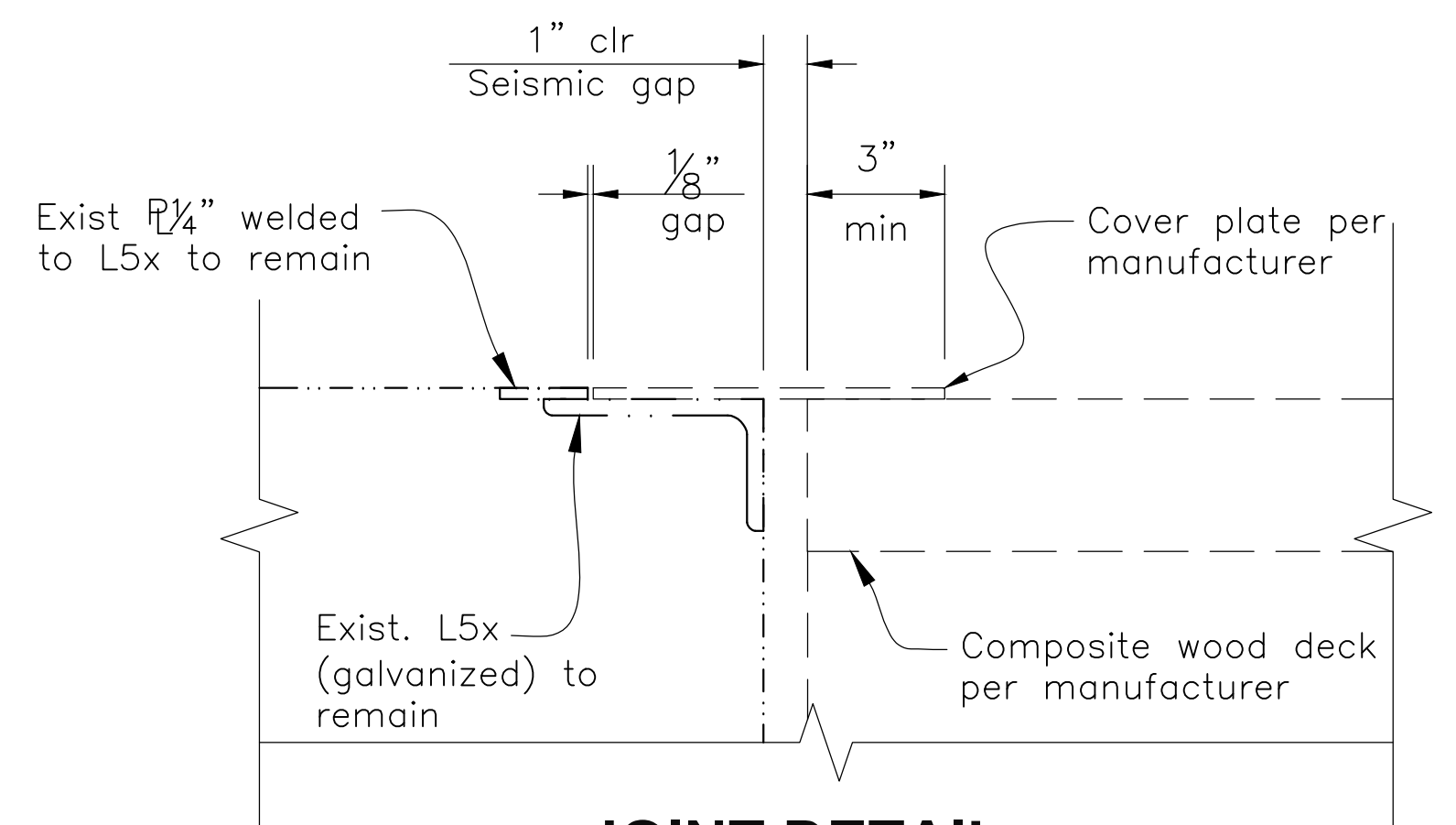
APPROVED: 1/31/2022
 DATE: *Ann Mader Stillman*
 ANN MADER STILLMAN,
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 R. C. E. # 47882 / EXPIRES 12-31-2023



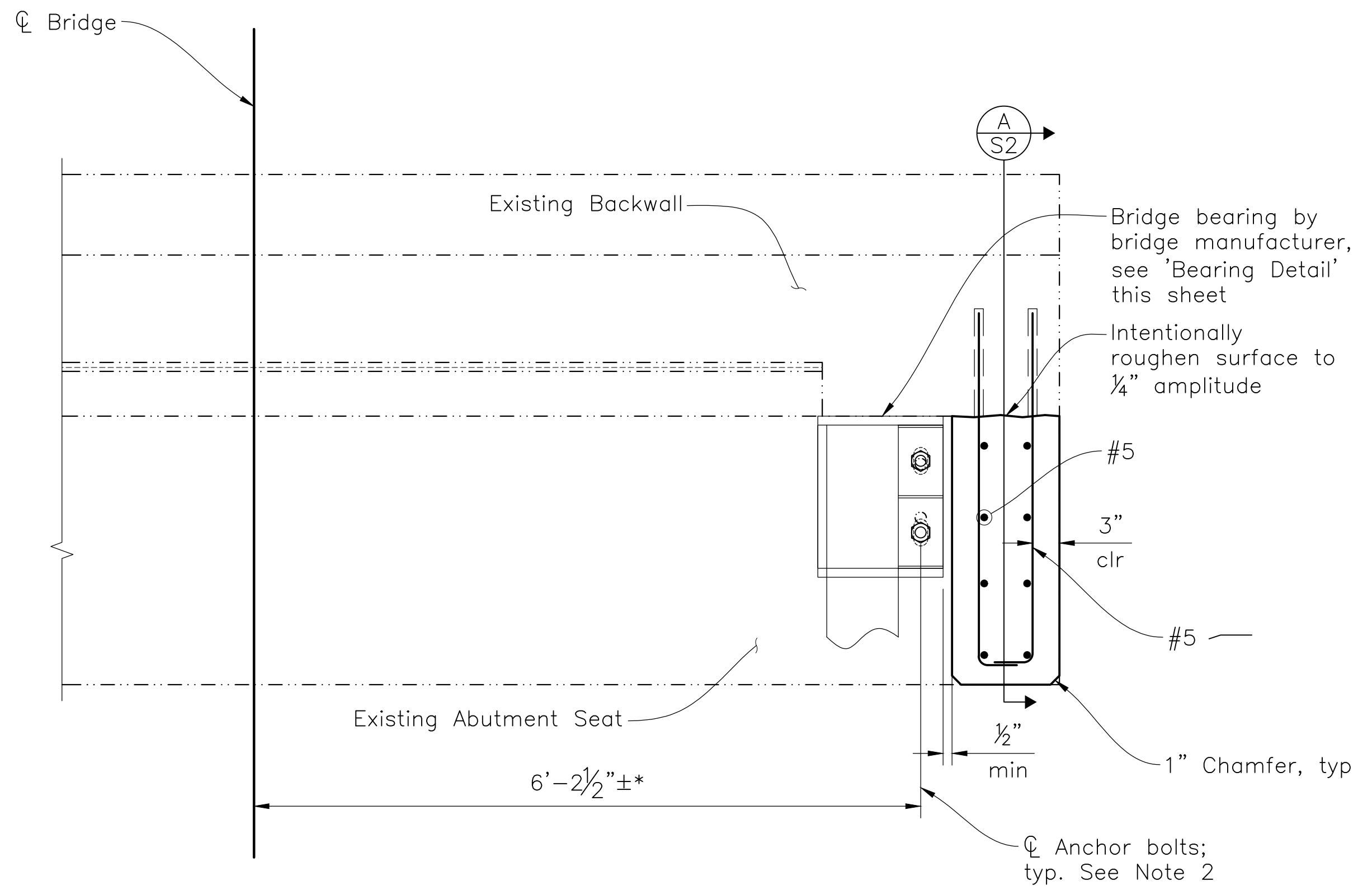
ABUTMENT 2 PLAN
 1/2"=1'-0"



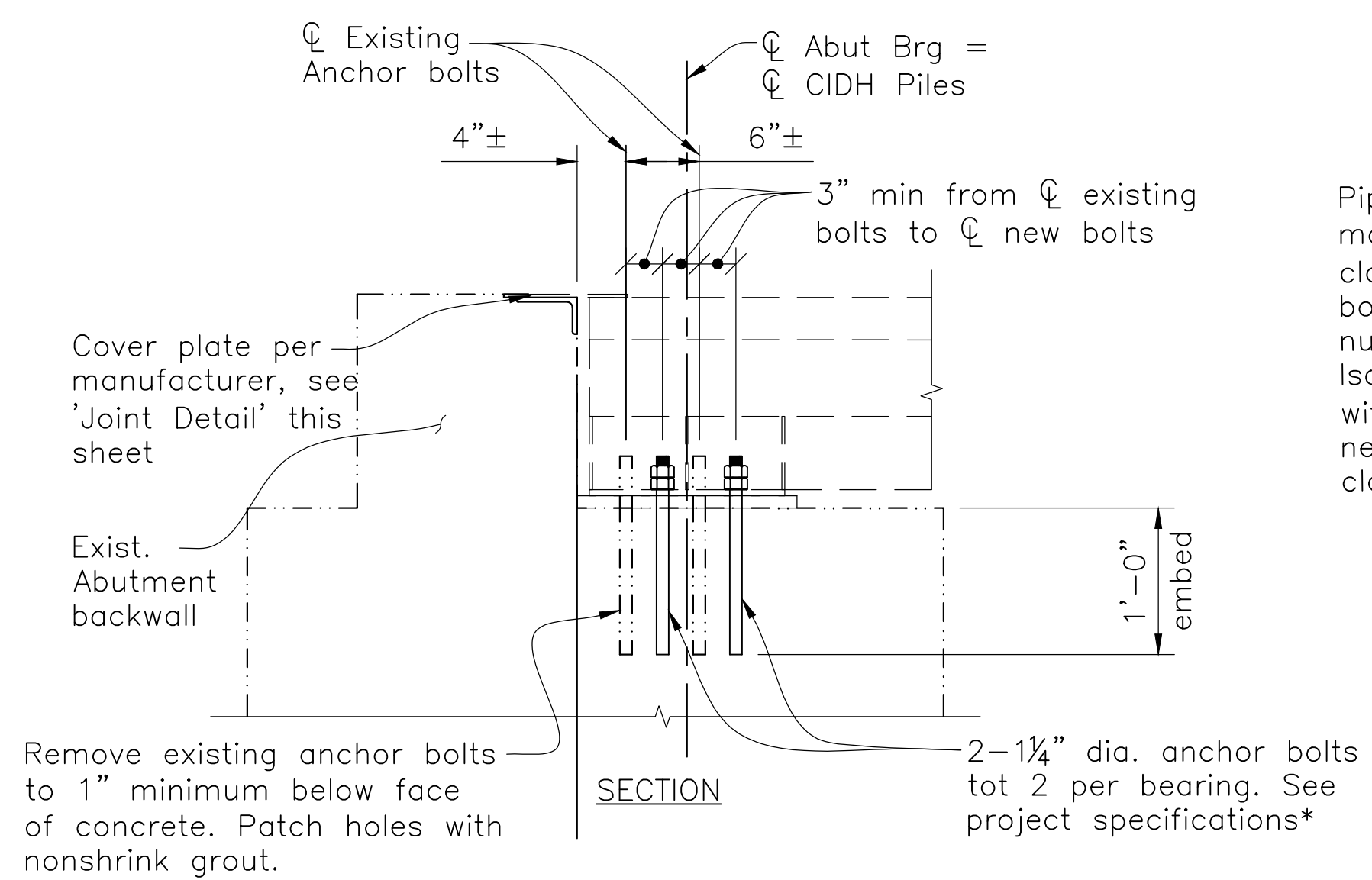
SECTION A
 1"=1'-0"



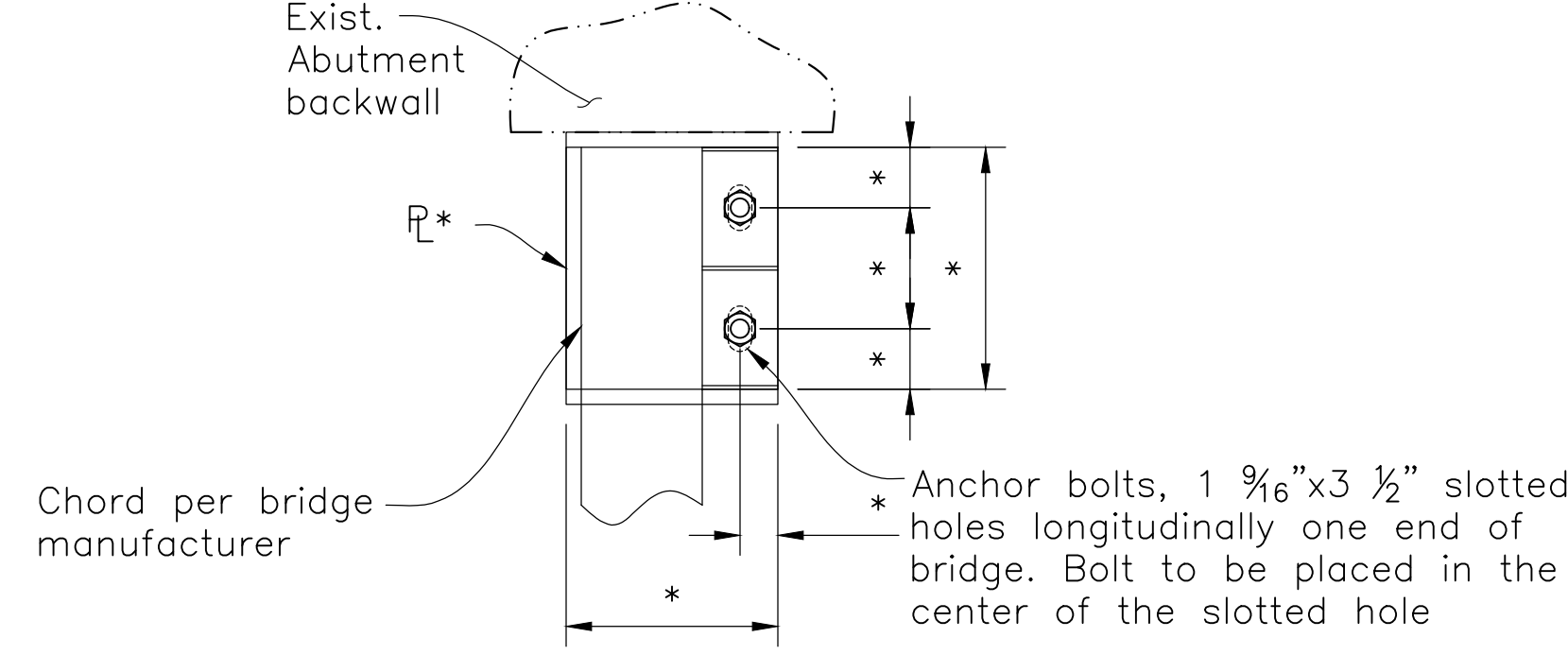
JOINT DETAIL
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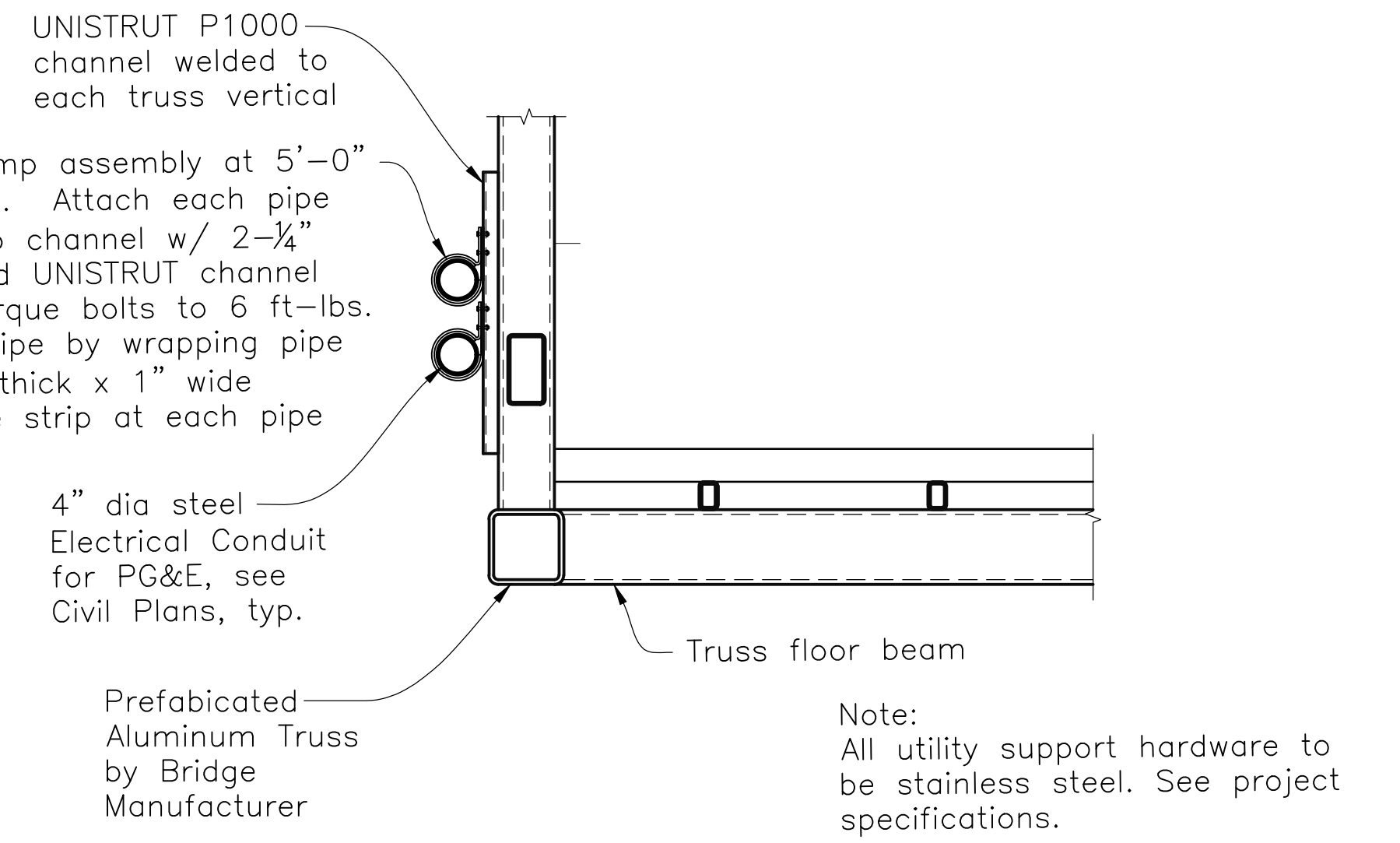
ABUTMENT 2 PARTIAL PLAN
 1"=1'-0"



SECTION



BEARING DETAIL
 1"=1'-0"



UTILITY SUPPORT DETAIL 1
 3/4"=1'-0"

* Verify with bridge manufacturer (applies to all details)

- Notes:**
- Contractor to confirm all existing dimensions prior to any installation or construction.
 - Verify all Aluminum Truss Bridge dimensions with the bridge manufacturer.
 - Existing abutment reinforcement not shown for clarity.
 - Contractor to confirm layout of shear key based on prefabricated bridge dimensions prior to placing shear keys.
 - All abutment reinforcement to be epoxy coated.

CORNERSTONE
 structural engineering group
 986 W Alluvial Ave - Suite 201
 Fresno, California 93711
 559.320.3200
 fax 559.320.3201

APPROVED DATE:
N. R. Zermeno
 Narciso R. Zermeno, S.E.
 R.S.E. # S6783 EXPIRES 03/31/2022

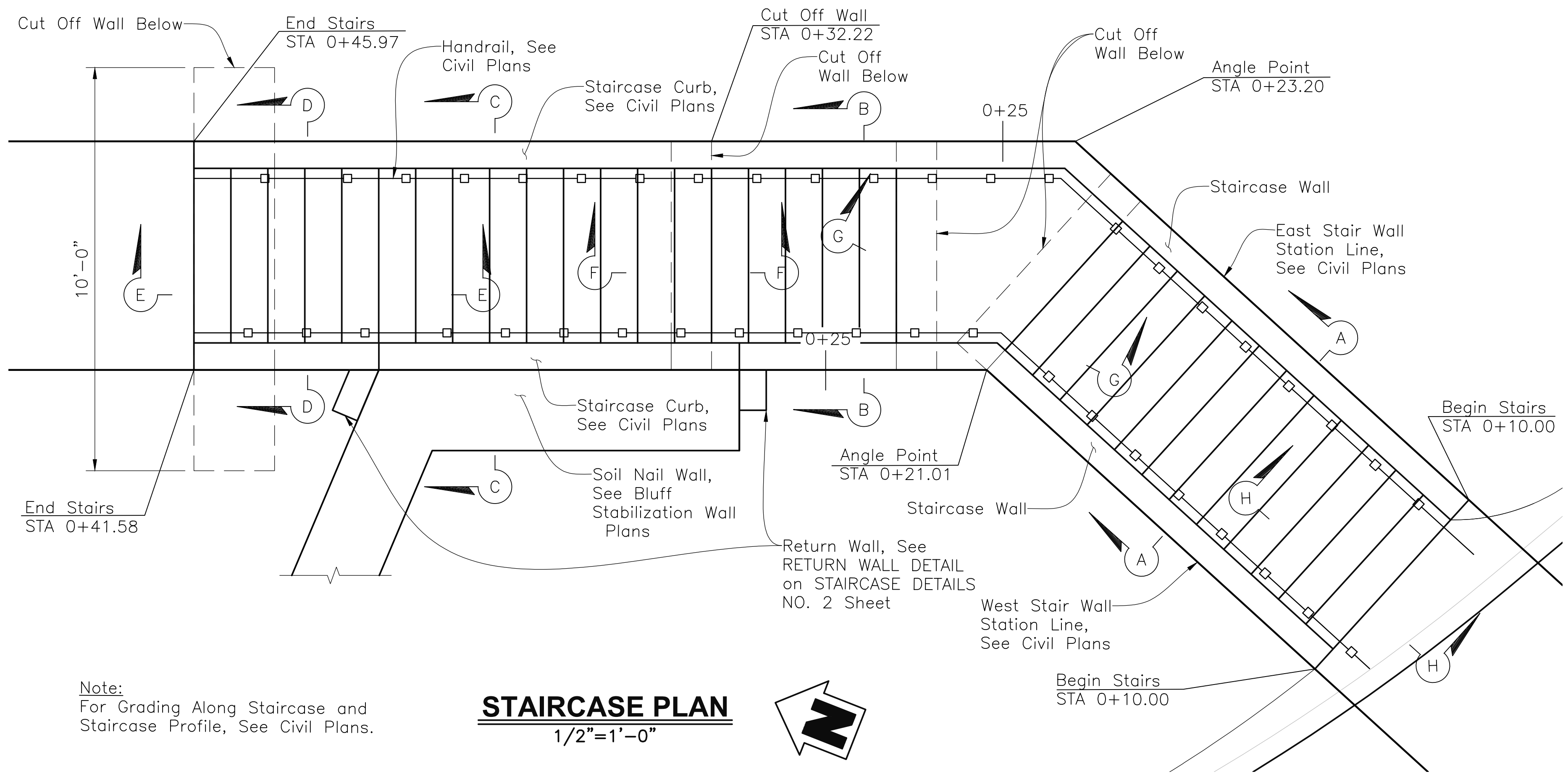


DESIGNED BY: CSEG (NRZ)		CHECKED BY: CSEG (MAW)		DRAWN BY: CSEG (TLW)	
REVISION	DATE	ABUTMENT DETAILS MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT			
		ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063	
		FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES			
		SCALE: AS SHOWN DATE: 01/14/2022 FILE NO.: 1/4983			
		S2 SHEET 16 OF 18			

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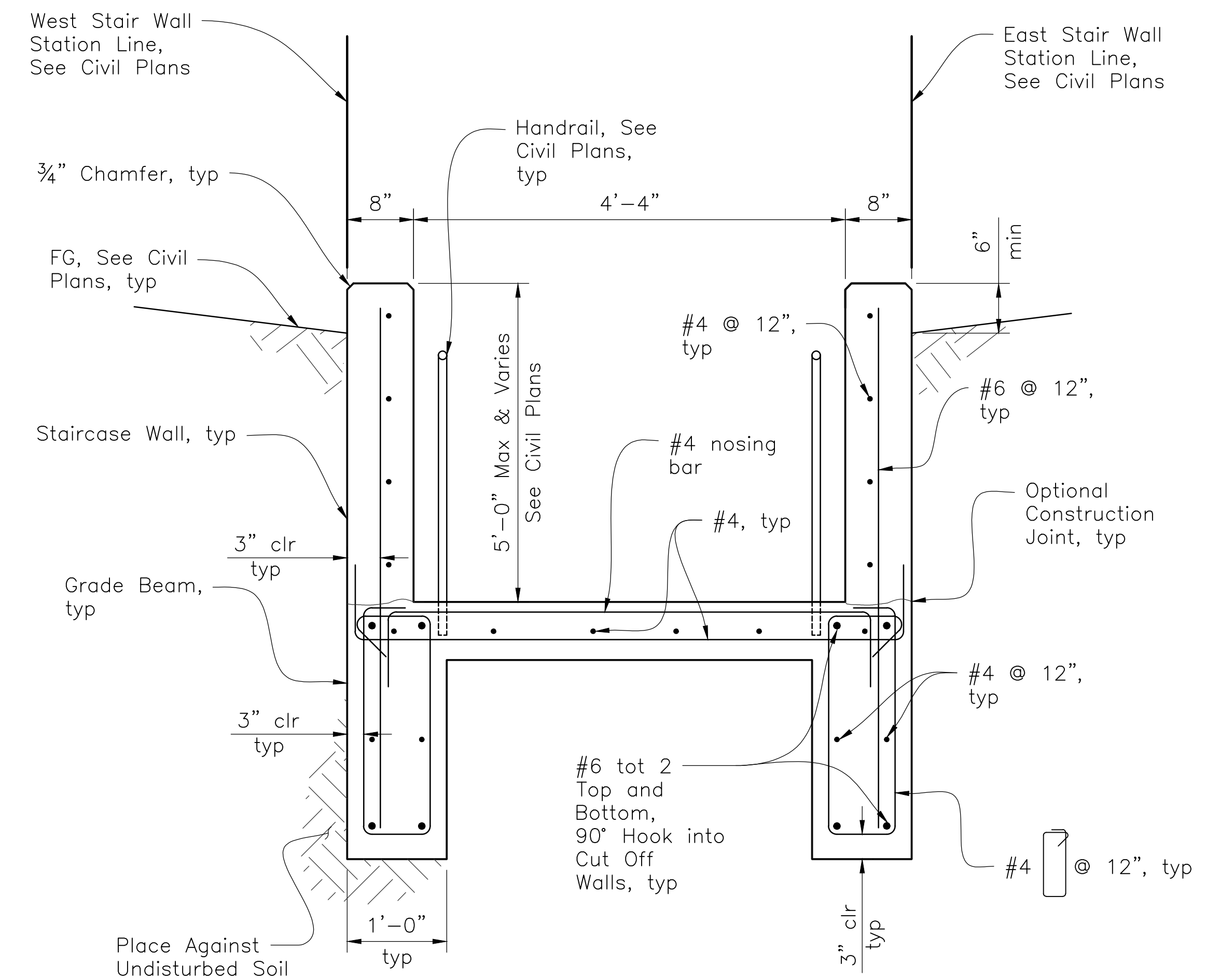
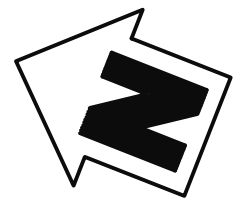


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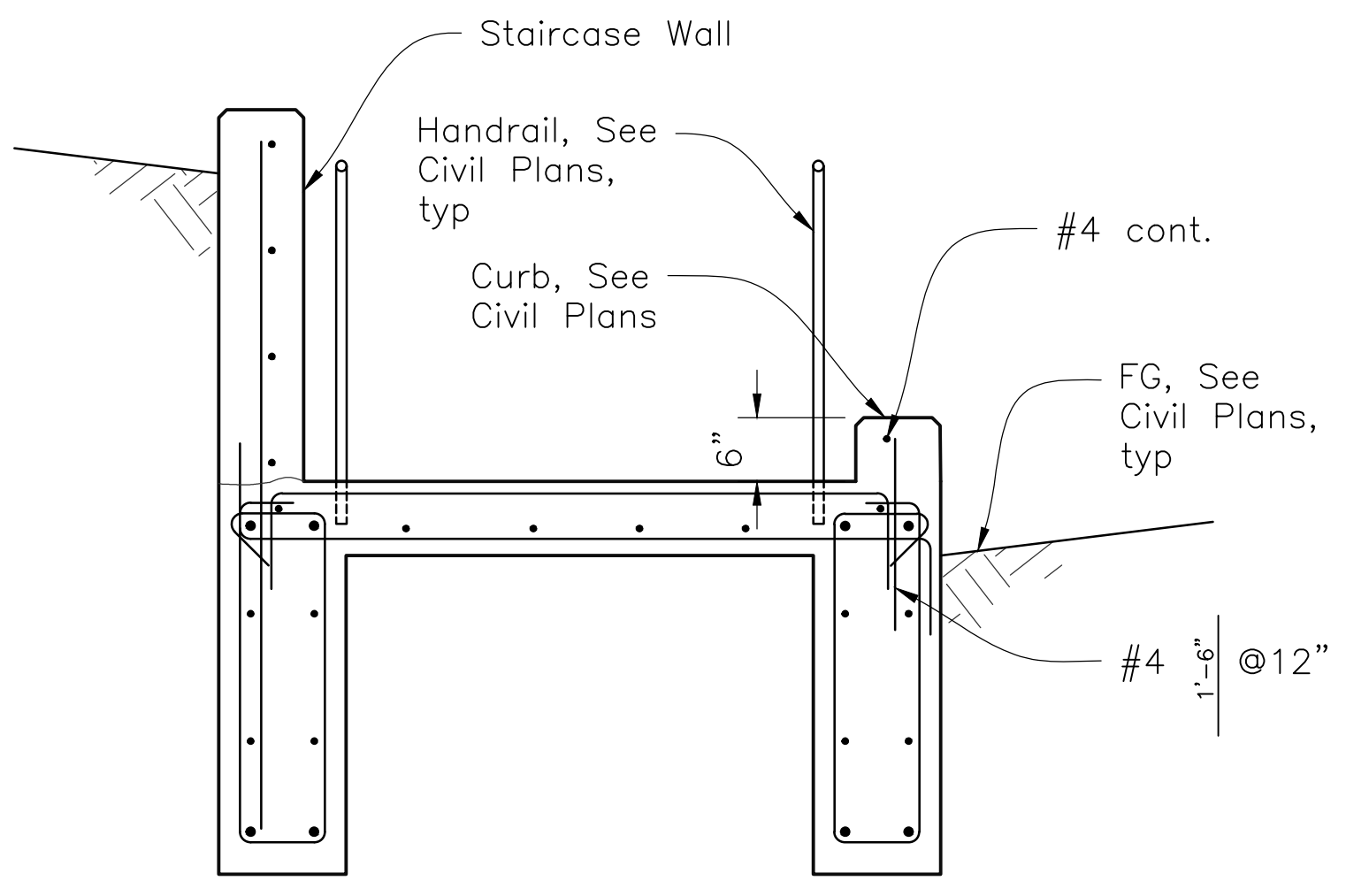
Note:
 For Grading Along Staircase and
 Staircase Profile, See Civil Plans.

STAIRCASE PLAN
 1/2"=1'-0"



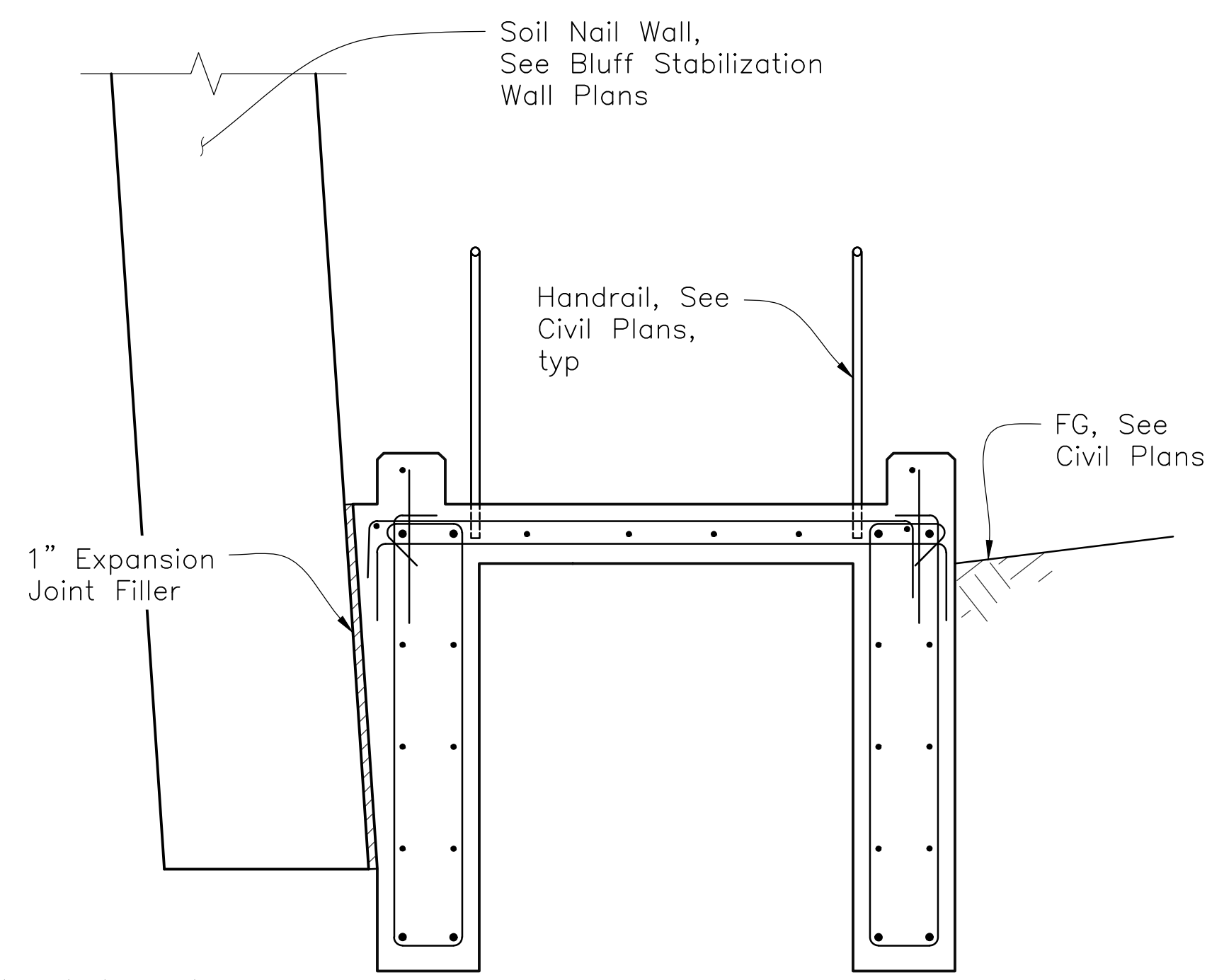
SECTION A-A
 1"=1'-0"

Note:
 For details not noted or shown, See Section
 H-H, STAIRCASE DETAILS NO. 2 sheet.



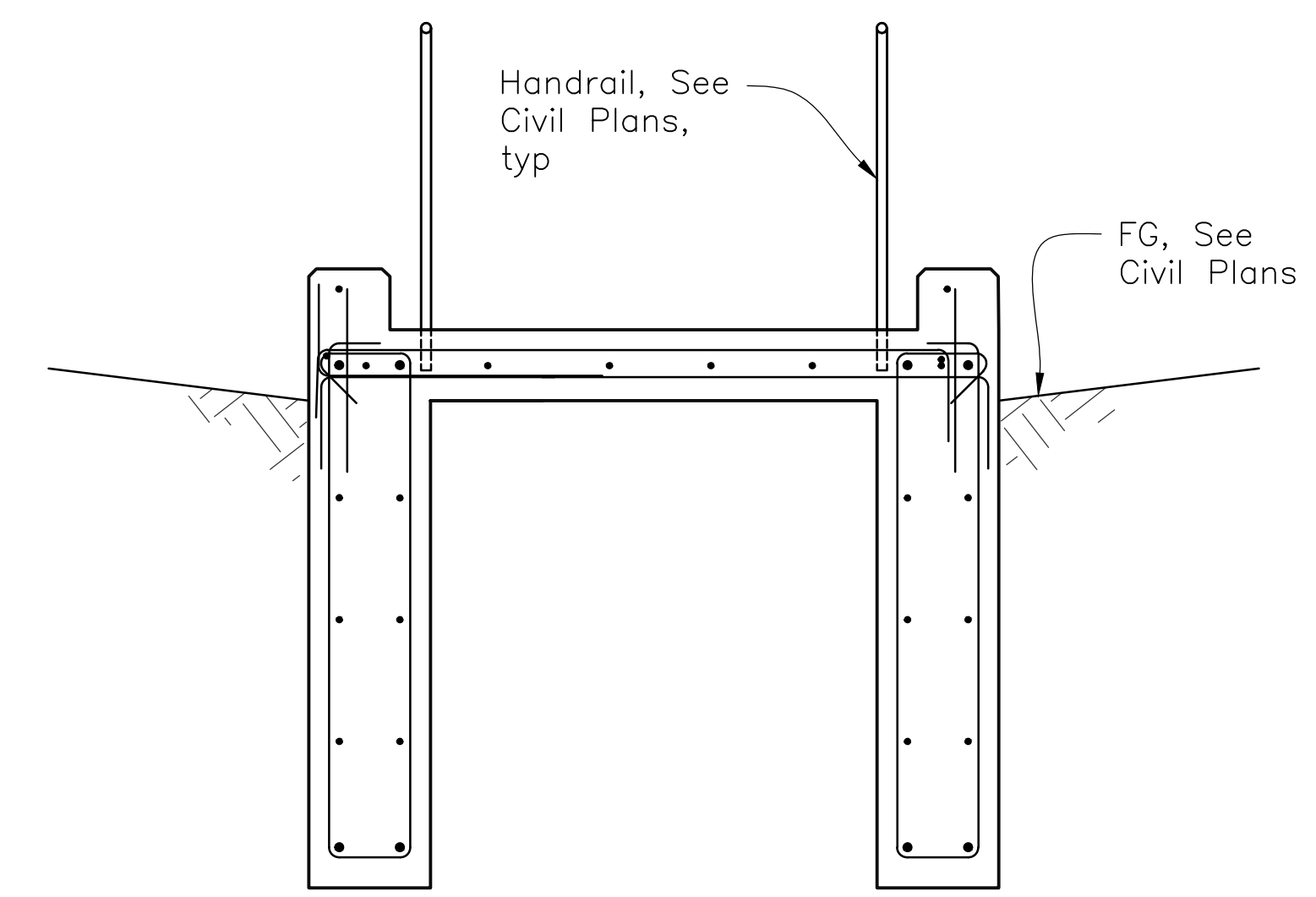
SECTION B-B
 3/4"=1'-0"

Note:
 For details not noted or shown,
 See Section A-A, this sheet and
 Section G-G, STAIRCASE DETAILS
 NO. 2 sheet.



SECTION C-C
 3/4"=1'-0"

Note:
 For details not noted or shown,
 See Section A-A and Section
 B-B, this sheet and Section
 E-E and Section F-F,
 STAIRCASE DETAILS NO. 2 sheet.



SECTION D-D
 3/4"=1'-0"

Note:
 For details not noted or
 shown, See Section A-A and
 Section B-B, this sheet and
 Section E-E, STAIRCASE
 DETAILS NO. 2 sheet.

General Notes:
 1. All staircase reinforcing steel to be epoxy coated.
 2. For Sections E-E, F-F, G-G, and H-H see STAIRCASE DETAILS NO. 2 Sheet.

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 structural
 engineering
 group
 986 W Alluvial Ave - Suite 201
 Fresno, California 93711
 559.320.3200
 fax 559.320.3201

APPROVED DATE:
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 Narciso R. Zermeno, S.E.
 R.S.E. # S6783 EXPIRES 03/31/2022

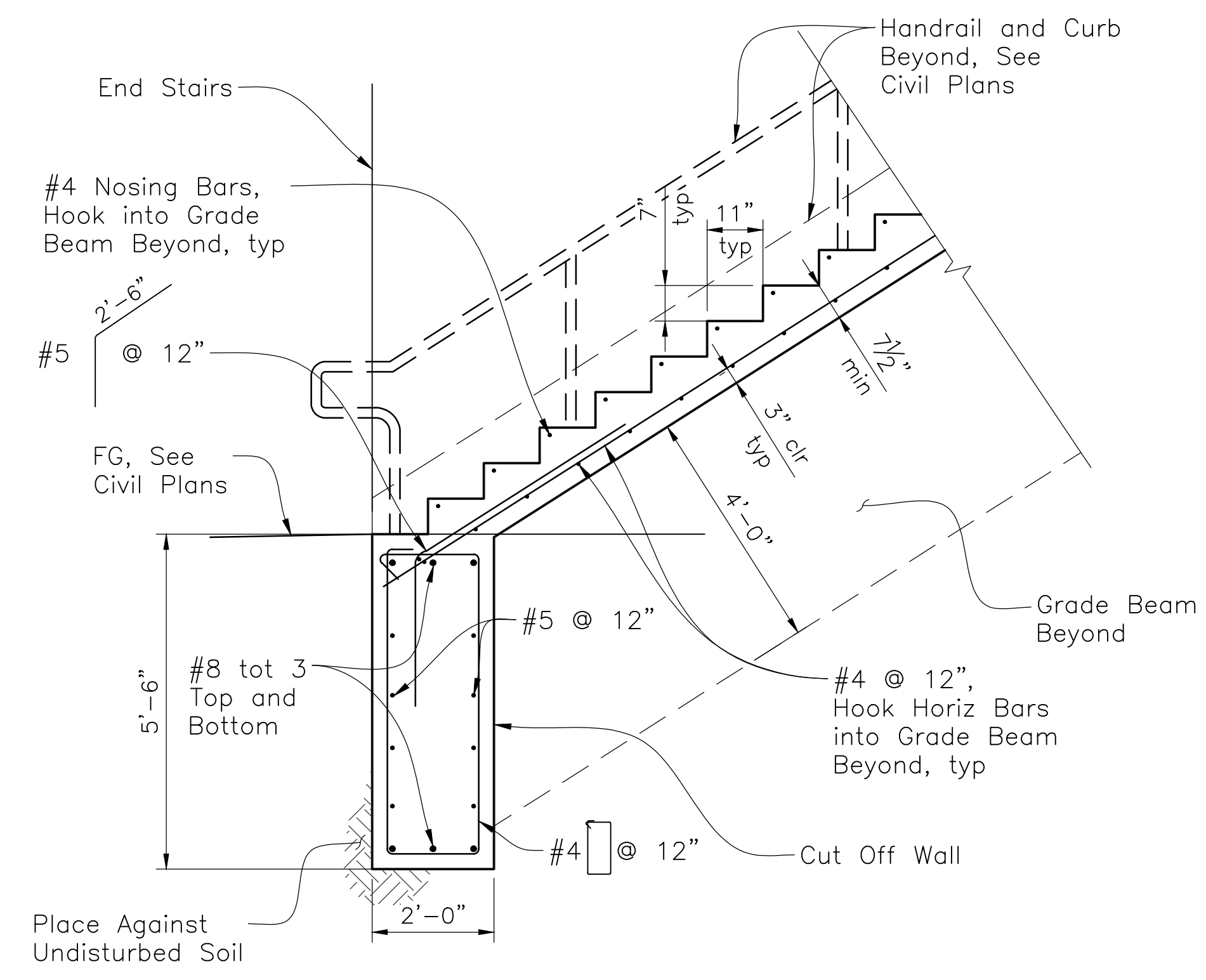


DESIGNED BY: CSEG (NRZ)		STAIRCASE DETAILS NO. 1		SCALE: AS SHOWN
CHECKED BY: CSEG (MAW)		MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT		DATE: 01/14/2022
DRAWN BY: CSEG (TLW)		ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		FILE NO.: 1/4983
REVISION	DATE	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063		S3
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES				SHEET 17 OF 18

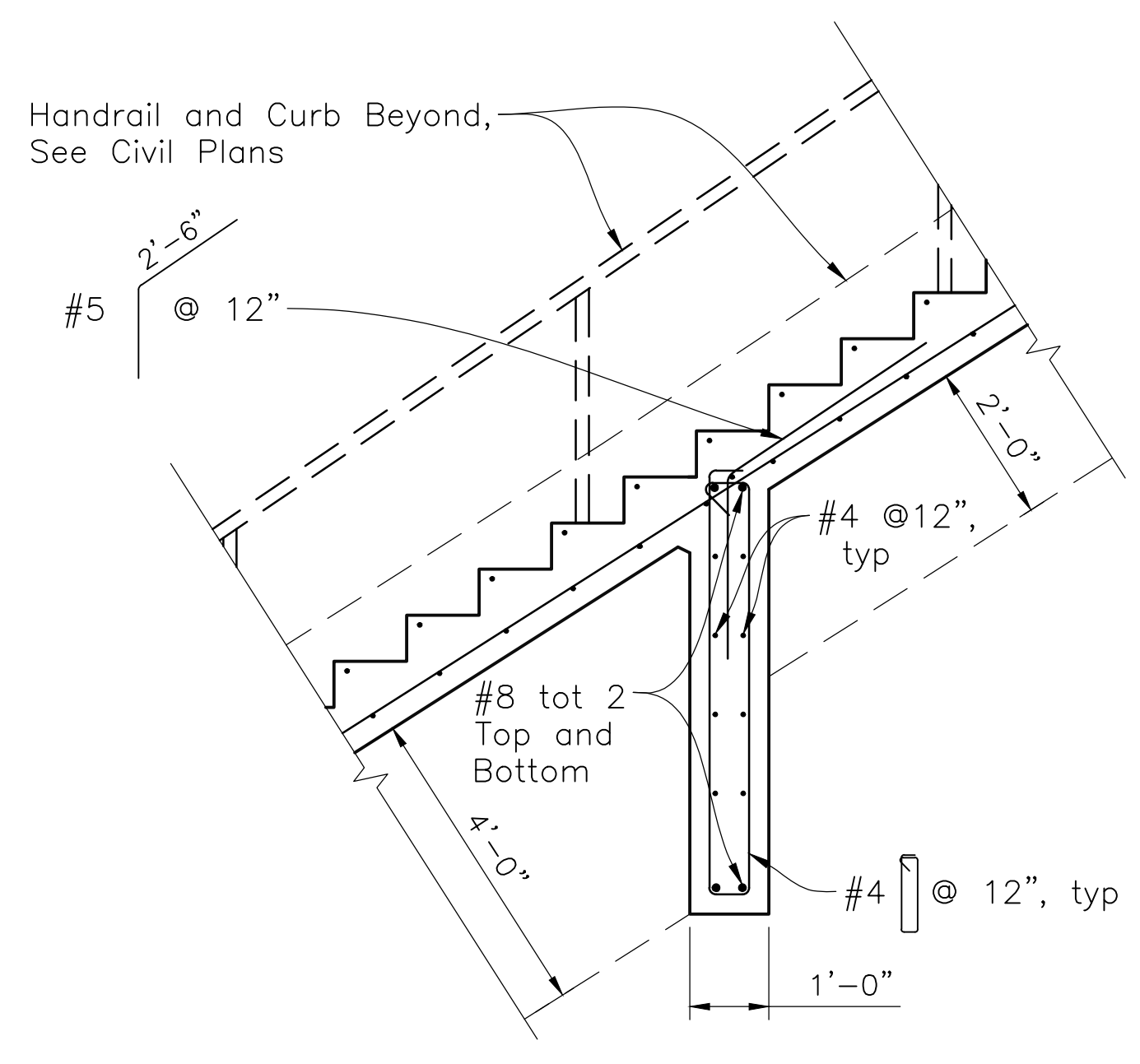
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 INTERIM DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882 / EXPIRES 12-31-2023

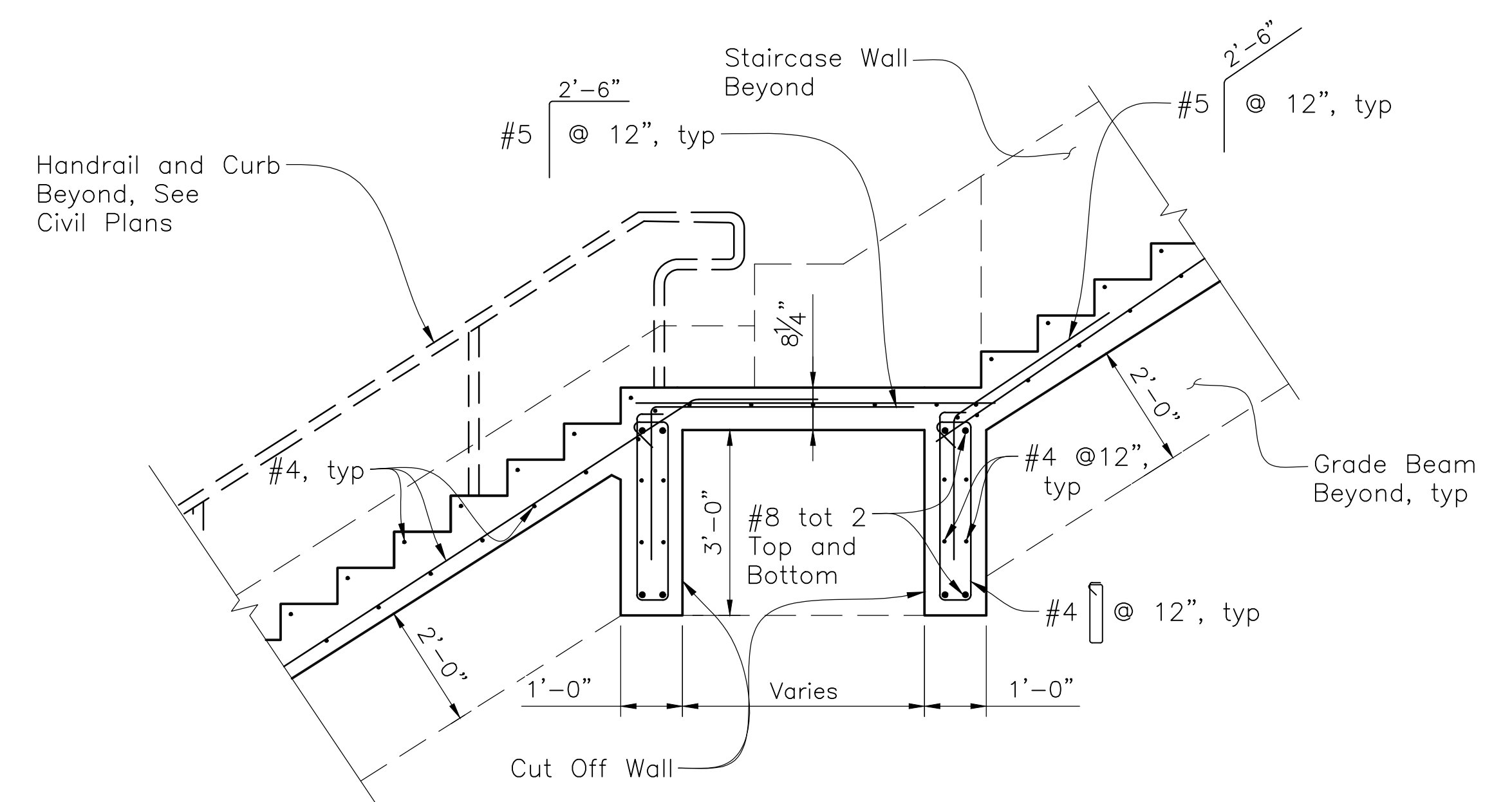


SECTION E-E
 1/2"=1'-0"



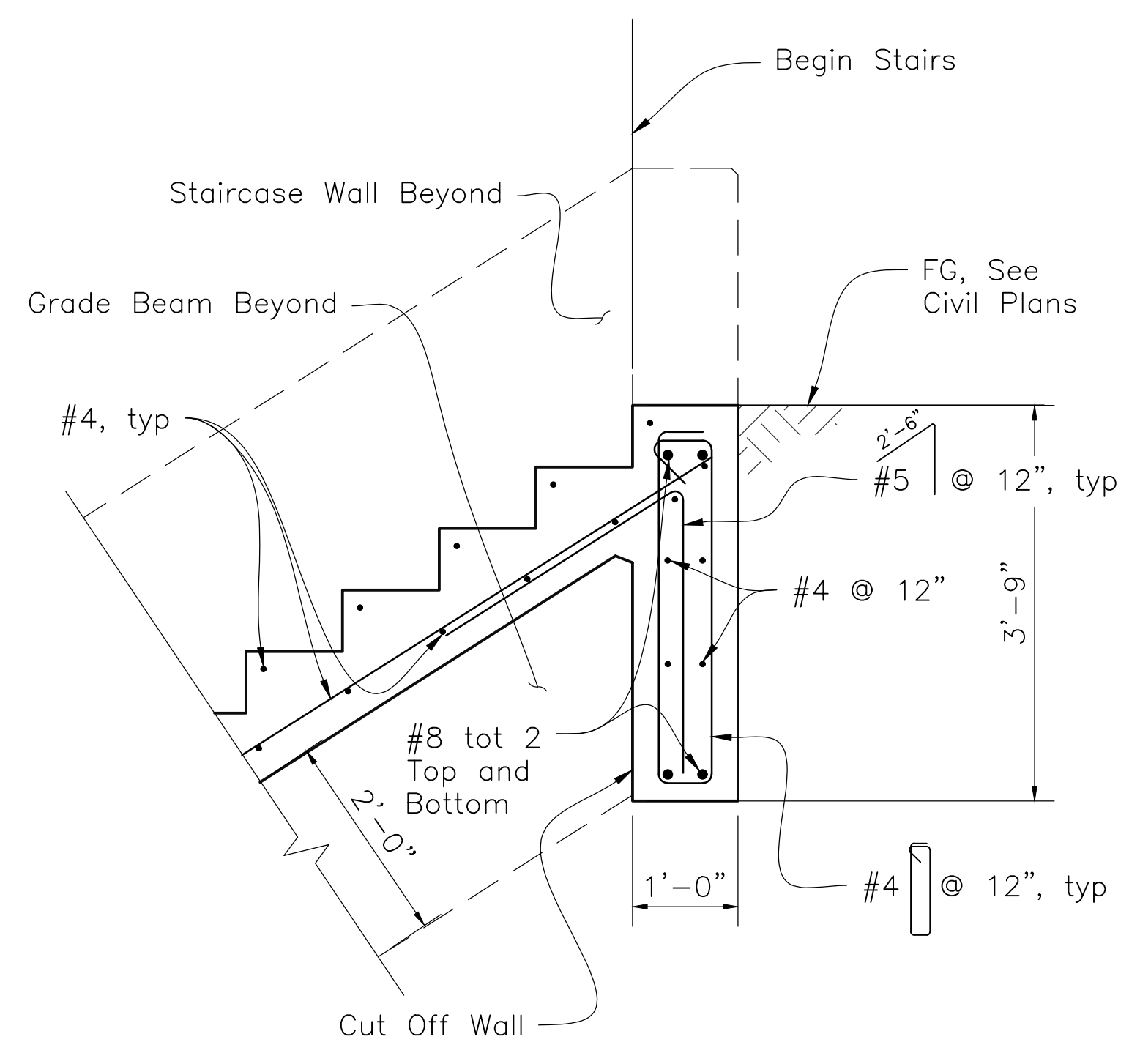
SECTION F-F
 1/2"=1'-0"

Note:
 For details not noted or shown, See Section E-E.



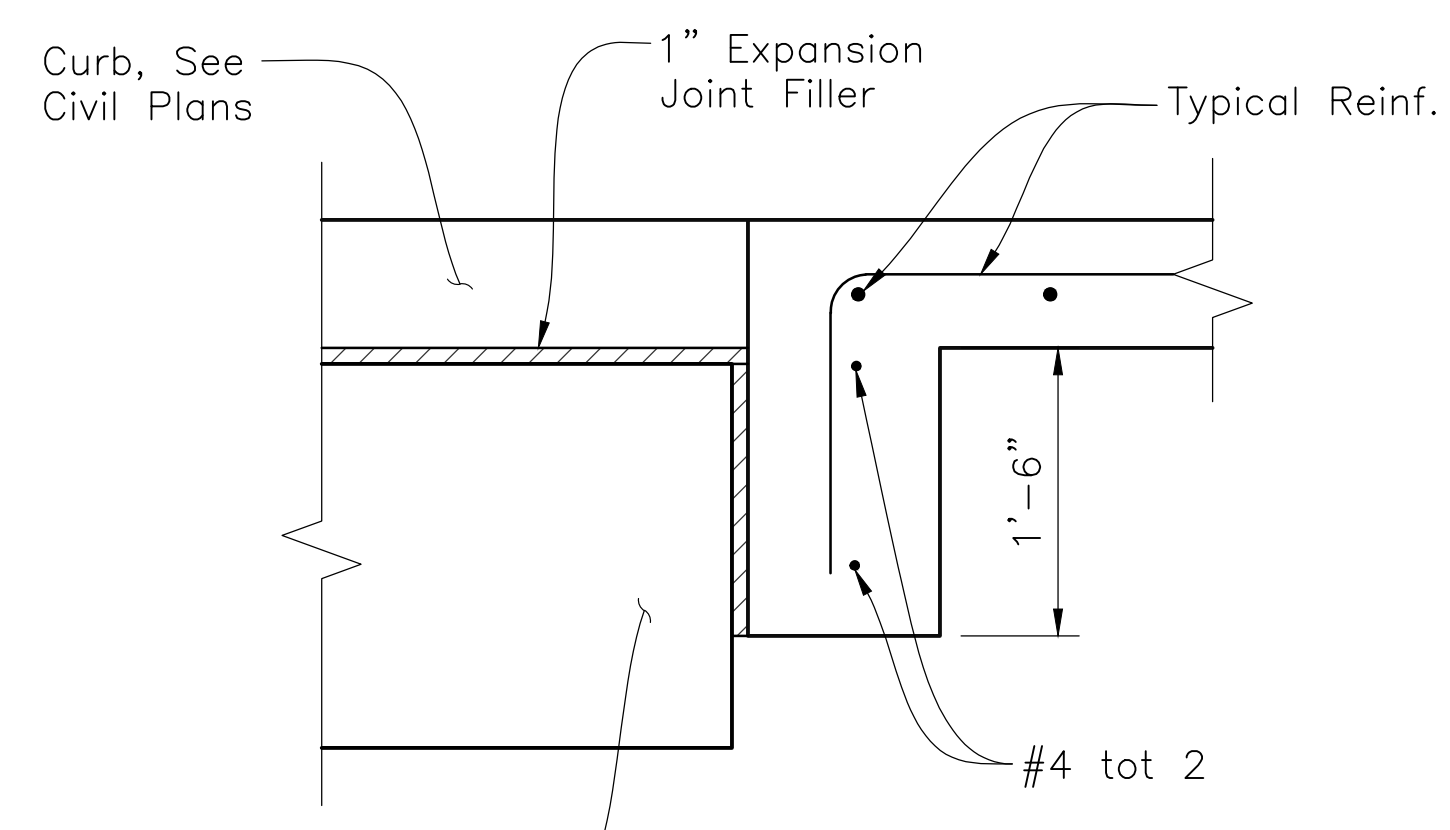
SECTION G-G
 1/2"=1'-0"

Note:
 For details not noted or shown, See Section E-E.



SECTION H-H
 3/4"=1'-0"

Note:
 For details not noted or shown, See Section E-E.



RETURN WALL DETAIL
 1"=1'-0"

General Note:
 All staircase reinforcing steel to be epoxy coated.

CORNERSTONE
 structural engineering group
 986 W Alluvial Ave - Suite 201
 Fresno, California 93711
 559.320.3200
 fax 559.320.3201

APPROVED DATE:
N. Bobby Garcia
 Narciso R. Zermeno, S.E.
 R.S.E. # S6783 EXPIRES 03/31/2022



DESIGNED BY: CSEG (NRZ)		STAIRCASE DETAILS NO. 2		SCALE: AS SHOWN
CHECKED BY: CSEG (MAW)		MIRADA ROAD PEDESTRIAN BRIDGE REPLACEMENT AND BANK STABILIZATION PROJECT		DATE: 01/14/2022
DRAWN BY: CSEG (TLW)		ANN MADER STILLMAN, INTERIM DIRECTOR OF PUBLIC WORKS COUNTY SAN MATEO		FILE NO.: 1/4983
REVISION	DATE	555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063		S4
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES		0 1 2 3 4		SHEET 18 OF 18

C:\Users\epf\AppData\Local\Temp\Asp\Pub\1214420186544 - Stair Details No. 2.dwg 01/14/2022 - 10:47 AM sspjd 13.5902