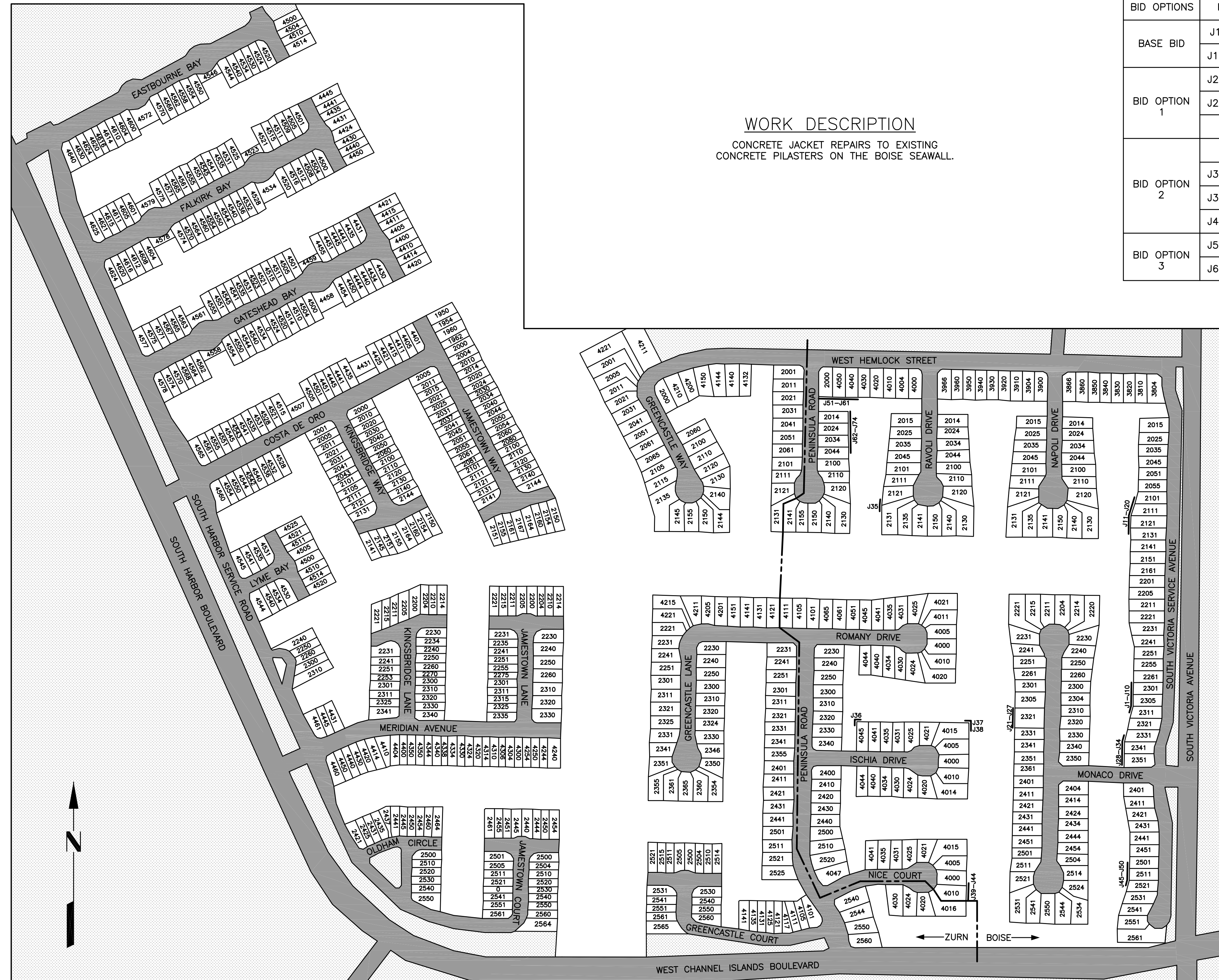
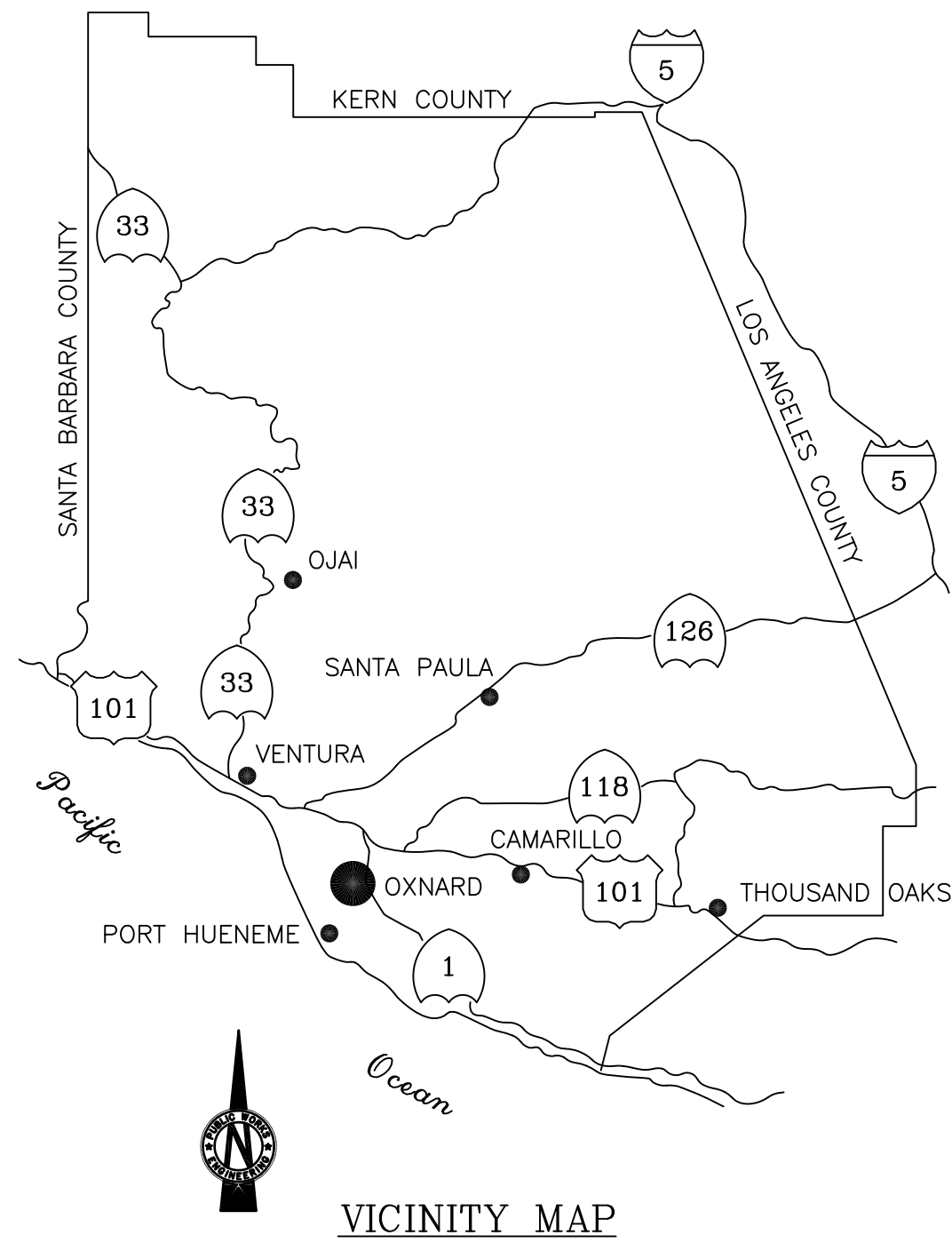


CITY OF OXNARD - CALIFORNIA

PLANS FOR

PILASTER JACKET REPAIRS, MANDALAY BAY SEAWALLS

SPECIFICATION NO. PW XX-XX



WORK DESCRIPTION
CONCRETE JACKET REPAIRS TO EXISTING
CONCRETE PILASTERS ON THE BOISE SEAWALL.

WORK LOCATION		
BID OPTIONS	ITEMS	ADDRESS
BASE BID	J1-J10	2301-2311 SOUTH VICTORIA AVENUE
	J11-J20	2101-2131 SOUTH VICTORIA AVENUE
BID OPTION 1	J21-J27	2305-2331 MONACO DRIVE
	J28-J34	2331-2351 SOUTH VICTORIA AVENUE
	J35	2121-2131 RAVOLI DRIVE
BID OPTION 2	J36	4045 ISCHIA DRIVE
	J37-J38	4015 ISCHIA DRIVE
	J39-J44	4000-4016 NICE COURT
	J45-J50	2501-2521 SOUTH VICTORIA AVENUE
BID OPTION 3	J51-J61	2000 PENINSULA ROAD - 4040 WEST HEMLOCK ROAD
	J62-J74	2014-2044 PENINSULA ROAD

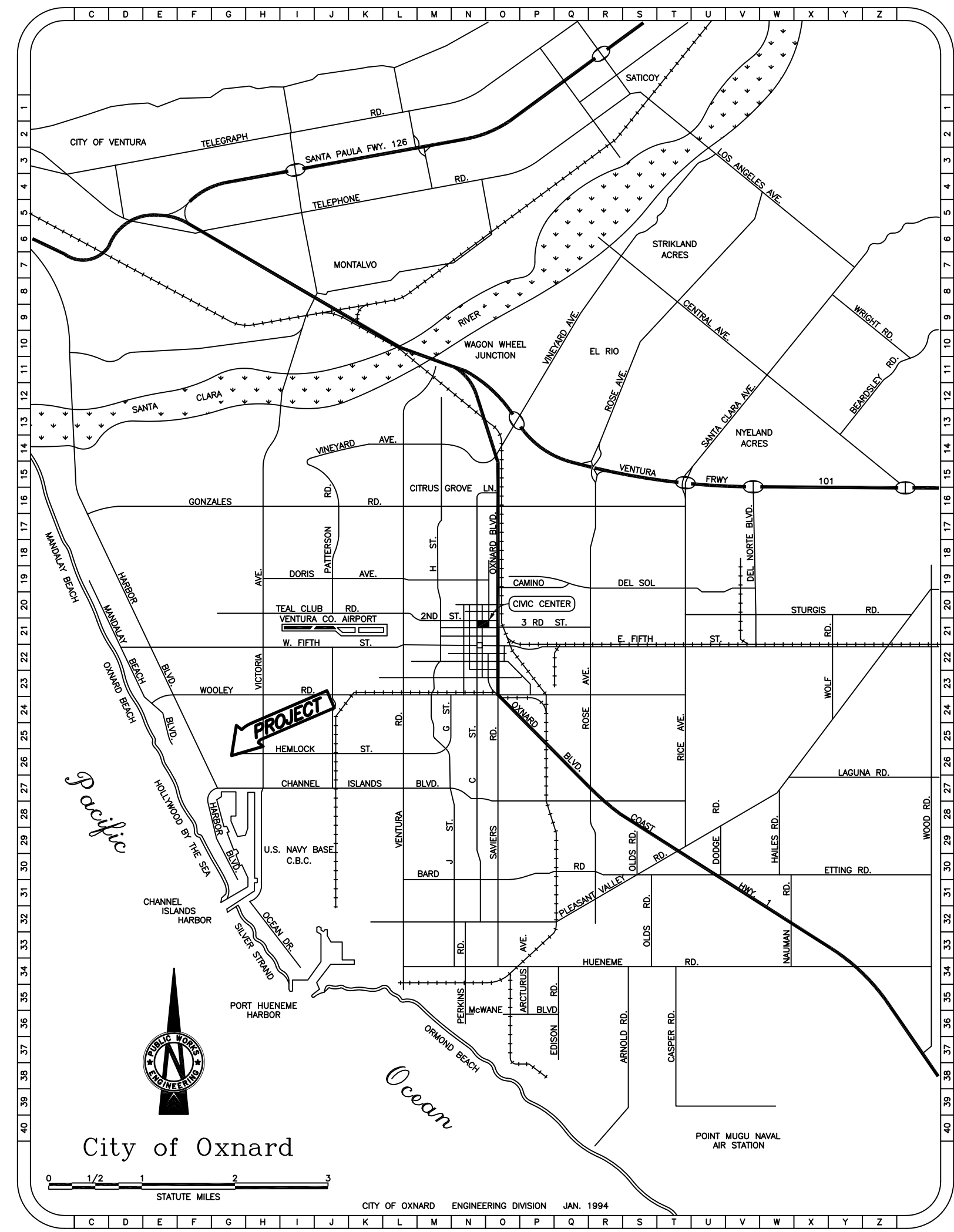
SHEET INDEX	
T-1	TITLE SHEET & KEY PLAN
S-1	STRUCTURAL NOTES
S-2	SITE PLANS - BASE BID
S-3	SITE PLANS - BID OPTION 1
S-4	SITE PLANS - BID OPTION 2
S-5	SITE PLANS - BID OPTION 3
S-6	EXISTING WALL DETAILS
S-7	PILASTER REPAIR DETAILS

100% SUBMITTAL 1-13-17

NOT FOR CONSTRUCTION



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PHONE: 714-708-6890
FAX: 714-242-9642



REVIEWED BY:

DEVELOPMENT SERVICES	TRAFFIC DIVISION
----------------------	------------------

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS
BEFORE YOU DIG

UNDERGROUND SERVICE ALERT(USA) OF SOUTHERN CALIFORNIA

RECORD DRAWING

I HEREBY CERTIFY THAT THE WORK SHOWN ON DRAWING No. _____ SHEET No. _____ THROUGH _____, MARKED AS "RECORD DRAWING", HAS BEEN CONSTRUCTED IN CONFORMANCE WITH LINES AND GRADES AS SHOWN ON SAID PLANS, DRAWINGS, REFERENCED SPECIFICATIONS, AND APPROVED CHANGE ORDERS, AS INDICATED IN THE REVISION BLOCK.

DATE _____ SIGNATURE _____ NAME _____

INSPECTOR

REVISIONS

MARK	DATE	DESCRIPTION	BY

REVIEWED BY: _____ DATE _____

CITY OF **OXNARD** PUBLIC WORKS
CAPITAL PROJECTS MANAGEMENT DIVISION

PILASTER JACKET REPAIRS
TITLE SHEET & LOCATION MAP
MANDALAY BAY SEAWALLS

APPROVED: _____ Date _____
Interim City Engineer, Robert Heorne
R.C.E. 47376 Exp. 12-31-17

SCALE: HORIZ: AS SHOWN SHEET No. 1 of 8
VERT: AS SHOWN DRAWING NUMBER T-1

PREPARED BY: ESN
CHECKED BY: CDD

STRUCTURAL NOTES

A. GENERAL

- NOTES AND DETAILS ON THE STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER THESE GENERAL NOTES AND TYPICAL DETAILS. TYPICAL DETAILS SHALL BE USED WHENEVER APPLICABLE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS BEFORE STARTING WORK, AND SHALL RESOLVE CONFLICTS ON THE PLANS WITH THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION. IN NO CASE SHALL DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON THE STRUCTURAL DRAWINGS.
- WHERE A CONSTRUCTION DETAIL IS NOT SHOWN OR NOTED, THE DETAIL SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
- THE CONTRACTOR SHALL DETERMINE THE LOCATION OF UTILITY SERVICES IN THE AREA TO BE EXCAVATED, BEFORE BEGINNING EXCAVATION.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE 2016 CBC.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, AND JOB SITE SAFETY.
- EACH SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS RELATING TO HIS WORK BEFORE BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE CONTRACTOR IMMEDIATELY. FAILURE TO REPORT SUCH DISCREPANCIES INDICATES THE SUBCONTRACTOR'S ACCEPTANCE OF SUCH CONDITIONS.

B. REINFORCED CONCRETE

- CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS MODIFIED BY THESE NOTES.
- CEMENT SHALL CONFORM TO ASTM C150, TYPE II OR V.
- AGGREGATES FOR NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C33 AND SHALL NOT CONTAIN ANY SUBSTANCES WHICH MAY BE DELETERIOUSLY REACTIVE WITH ALKALIES IN THE CEMENT.
- READY-MIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH ASTM C94.
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS FOLLOWS:
PLASTER JACKETS: 5000 PSI
- ADMIXTURES MAY BE USED WITH PRIOR APPROVAL OF THE ENGINEER. ADMIXTURES SHALL COMPLY WITH ASTM C494 & C1017 AND BE OF A TYPE THAT INCREASES THE WORKABILITY OF THE CONCRETE, BUT SHALL NOT BE CONSIDERED TO REDUCE THE SPECIFIED MINIMUM CEMENT CONTENT (CALCIUM CHLORIDE SHALL NOT BE USED).
- WATER/CEMENT RATIO SHALL NOT EXCEED 0.40.
- POZZOLAN CONFORMING TO ASTM C618 TYPE F SHALL COMPRISE 15 TO 20 PERCENT ON ALL CEMENTITIOUS MATERIALS.
- MAXIMUM SLUMP SHALL BE 4" BEFORE THE ADDITION OF ADMIXTURES.
- ENGINEER SHALL REVIEW AND APPROVE MIX DESIGNS BEFORE INSTALLATION.
- BAR REINFORCEMENT SHALL BE ASTM A615, GRADE 60, EPOXY COATED CONFORMING TO ASTM A775, INCLUDING DOWELS. ALL TIE WIRE SHALL BE PLASTIC COATED, NO EXCEPTIONS. ALL CUTTING & FIELD BENDING OF BARS WHICH CRACKS OR DAMAGES EPOXY COATING SHALL BE PATCHED WITH APPROVED COATING MATERIAL.
- MINIMUM LAP SPLICES OF REINFORCING BARS SHALL BE PER THE LAP CLASS B REBAR SPLICE SCHEDULE BELOW. STAGGER SPLICE LOCATION 2'-0" MINIMUM. DO NOT SPLICE VERTICAL BARS.
- REINFORCING DETAILING, BENDING, AND PLACING SHALL BE IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE", LATEST EDITION.
- REINFORCING STEEL SHALL BE PROVIDED WITH THE FOLLOWING AMOUNTS OF COVER FOR CAST-IN-PLACE CONCRETE:
CONCRETE SURFACE (FORMED) EXPOSED TO SEAWATER: 3"
CONCRETE PLACED AGAINST EXISTING CONCRETE: 2"
- ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS, AND INSERTS SHALL BE WELL SECURED IN POSITION WITH WIRE POSITIONERS BEFORE PLACING CONCRETE OR GROUT.
- PROJECTING CORNERS OF PILASTERS SHALL BE FORMED WITH A 3/4" MIN. CHAMFER.
- ENGINEER SHALL REVIEW AND APPROVE REBAR SHOP DRAWINGS BEFORE FABRICATION.
- ALL NEW CONCRETE PLACED AGAINST HARDENED CONCRETE SHALL BE PREPARED PER THE FOLLOWING PROCEDURE:
A) CLEAN OFF ALL MARINE GROWTH.
B) ROUGHEN HARDENED SURFACE TO AN AMPLITUDE OF 1/4" WITH BUSH HAMMER OR HIGH PRESSURE WATER BLAST WAND.
C) CLEAN SURFACES OF DUST AND DEBRIS USING HIGH PRESSURE WATER BLAST WAND.
D) THE EXISTING CONCRETE SURFACE SHALL BE WETTED WITH FRESH WATER WITHIN 15 MINUTES OF PLACING FRESH CONCRETE.

EPOXY COATED REINF LAP SPLICE		
BAR SIZE	LAP CLASS A	LAP CLASS B
#3	19"	25"
#4	26"	33"
#5	32"	42"
#6	39"	50"
#7	56"	73"
#8	64"	83"

GRADE 60 BARS, 5,000 PSI CONC.

C. DESIGN CRITERIA

- DESIGN CODES:
a. 2016 CALIFORNIA BUILDING CODE (CBC)

D. SPECIAL INSPECTION

- SPECIAL INSPECTION IS REQUIRED PER CHAPTER 17 OF THE 2016 CBC FOR CONCRETE WORK, EPOXY WORK & REBAR WELDING (IF NEEDED). REFER TO THE MATERIAL SPECIFIC TABLES FOR ACTIVITY INSPECTION AND FREQUENCY.

E. STRUCTURAL OBSERVATIONS

CONTACT ENGINEER A MINIMUM OF 24 HOURS IN ADVANCE.

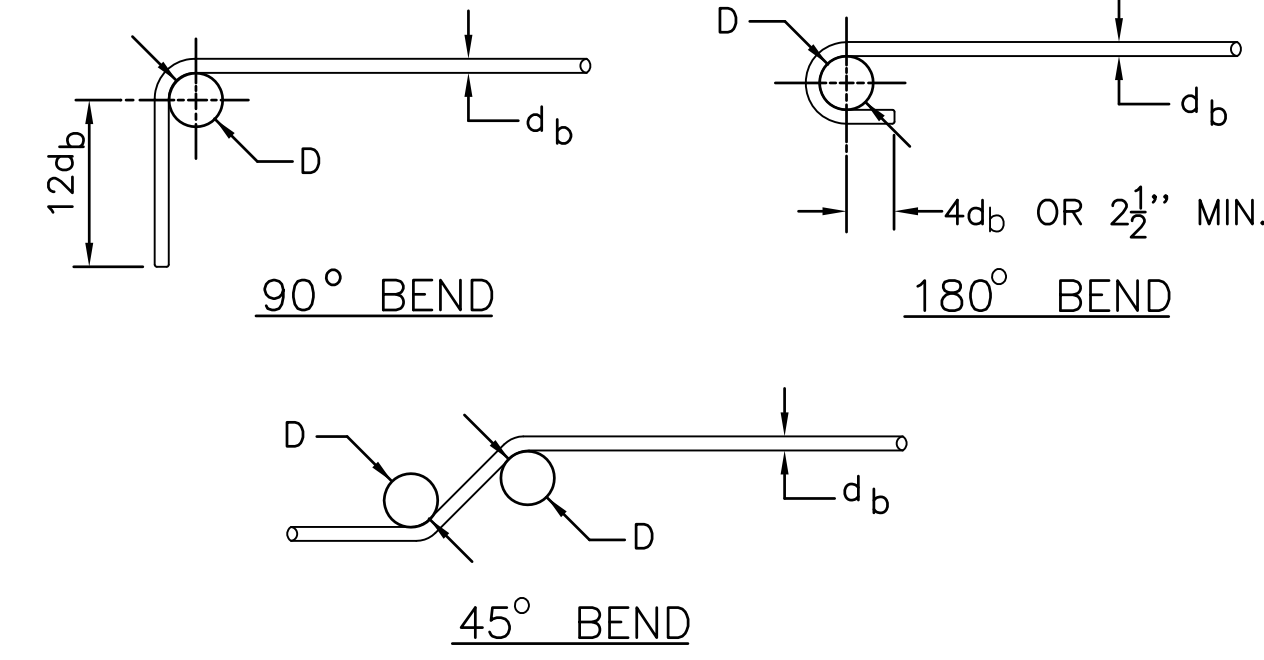
- AFTER FIRST ROUND OF PILASTER DEMOLITION IS COMPLETE, PRIOR TO PLACING REBAR.
- PRIOR TO FIRST ROUND OF CONCRETE PLACEMENT, AFTER REBAR IS IN PLACE & BEFORE FORMS ARE CLOSED.

ABBREVIATIONS

⊙	AT	MIN.	MINIMUM
AWG	AMERICAN WIRE GAUGE	MID.	MIDDLE
BUILDING	BUILDING	MTL	METAL
BLK	BLOCK	(N)	NEW
BLK'G	BLOCKING	NO.	NUMBER
BM	BEAM	NOM.	NOMINAL
BOT.	BOTTOM	N.T.S.	NOT TO SCALE
BRG.	BEARING	O.C.	ON CENTER
C/C	CENTER TO CENTER	O.D.	OUTSIDE DIAMETER
C.I.P.	CAST-IN-PLACE	OPN'G	OPENING
C.J.	CONSTRUCTION JOINT	OPP.	OPPOSITE
CL	CENTERLINE	OPT.	OPTIONAL
CL., CLR	CLEAR	P.E.	POLYETHYLENE
CMU	CONCRETE MASONRY UNIT	PL	PLATE
CONC.	CONCRETE	PLY.	PLYWOOD
CONN.	CONNECTION	PSF	POUNDS PER SQUARE FOOT
CONST.	CONSTRUCTION	PCF	POUNDS PER CUBIC FOOT
CONT.	CONTINUOUS	PMP	POLYMER MODIFIED PORTLAND CEMENT MORTAR
DIA., ∅	DIAMETER	PSI	POUNDS PER SQUARE INCH
DIM.	DIMENSION	P.T.	PRESSURE TREATED
(E)	EXISTING	PVC	POLY VINYL CHLORIDE
EA.	EACH	REINF.	REINFORCEMENT
E.A.	EACH FACE	REQ'D	REQUIRED
EL. ELEV.	ELEVATION	S	SEWER
EMBED.	EMBEDMENT	SCHED.	SCHEDULE
EQ.	EQUAL	SHT	SHEET
E.S.	EACH SIDE	S.O.G.	SLAB-ON-GRADE
E.W.	EACH WAY	S.S.	STAINLESS STEEL
EXP.	EXPANSION	STD	STANDARD
FTG	FOOTING	STL	STEEL
GA.	GAGE/GAUGE	STRUCT.	STRUCTURAL
GR. BM	GRADE BEAM	SQ.	SQUARE
GALV.	GALVANIZED	TEMP.	TEMPERATURE
G.S.M.	GALVANIZED SHEET METAL	T.O.S.	TOP OF SLAB
G.W.	GANGWAY	TYP.	TYPICAL
H, HORIZ.	HORIZONTAL	UNLESS NOTED OTHERWISE	UNLESS NOTED OTHERWISE
HDR	HEADER	U.N.O.	UNLESS NOTED OTHERWISE
H.D.G.	HOT DIPPED GALVANIZED	V. VERT.	VERTICAL
H.D.P.E.	HIGH DENSITY POLYETHYLENE	W	WIDTH
HT	HEIGHT	W/	WITH
I.D.	INSIDE DIAMETER	WWF	WELDED WIRE FABRIC
KSI	KIPS PER SQUARE INCH	W.P.	WORKING POINT
MAX.	MAXIMUM	W.P.J.	WEAKENED PLANE JOINT

TABLE 1704.4 REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION				
VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL AND PLACEMENT.	---	X	ACI 318: 3.5, 7.1-7.7	1913.4
2. INSPECTION OF INSTALLATION OF EPOXY DOWELS INSTALLED IN HARDENED CONCRETE.	X	---	ACI 318: 3.8.6, 8.1.3, 21.2.8	1912.1
3. VERIFYING USE OF REQUIRED DESIGN MIX.	---	X	ACI 318: Ch.4, 5.2-5.4	1904.2.2, 1913.2, 1913.3
4. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	---	ASTM C 172, ASTM C 31, ACI 318: 5.6, 5.8	1913.10
5. INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	---	ACI 318: 5.9, 5.10	1913.6, 1913.7, 1913.8
6. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	---	X	ACI 318: 6.1.1	---
7. INSPECTION OF FIELD WELDING OF SUPPLEMENTAL REINFORCING	X	---	AWS D1.4	---

NOTE:
D=6d_b FOR #3 THRU #8
D=8d_b FOR #9 THRU #11
D=10d_b FOR #14 AND #18



TYP. REINFORCEMENT BENDS

SCALE: NO SCALE

1
S-1

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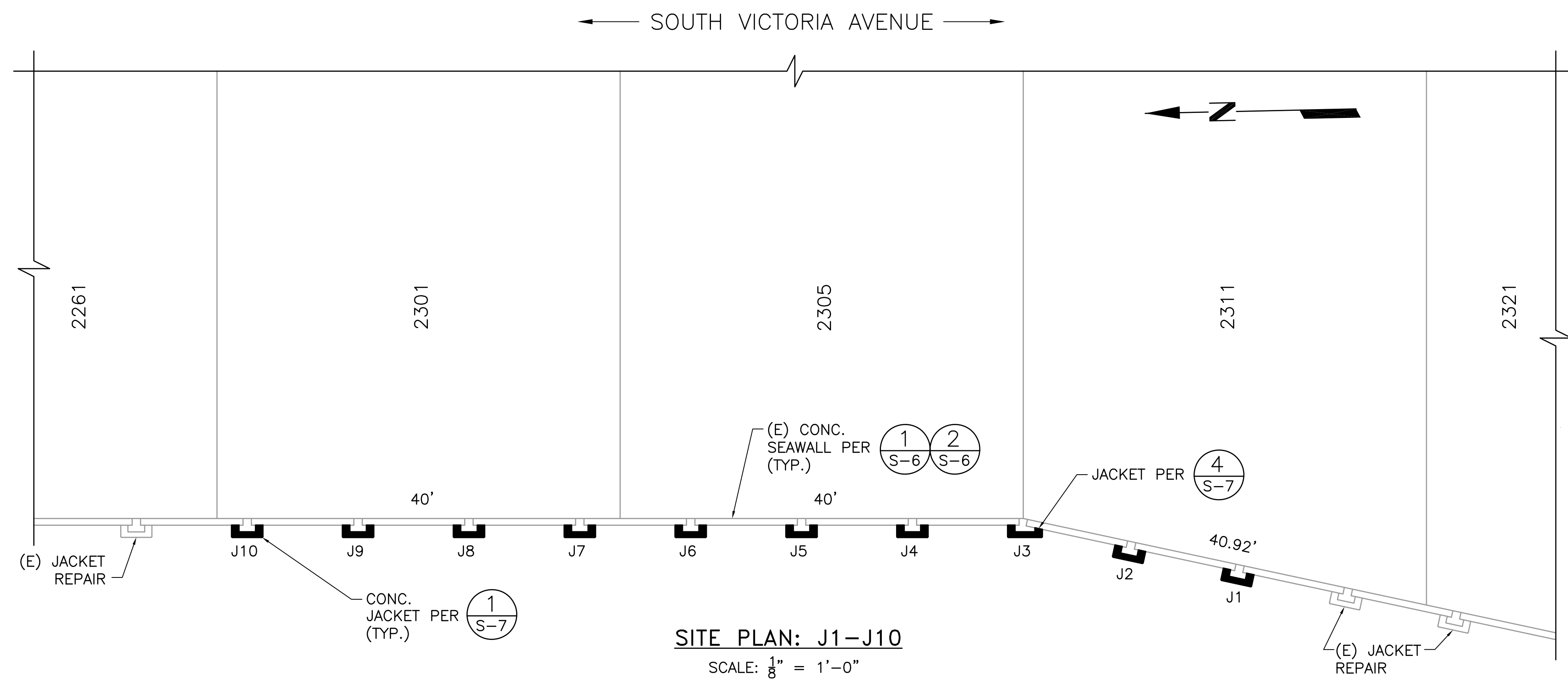
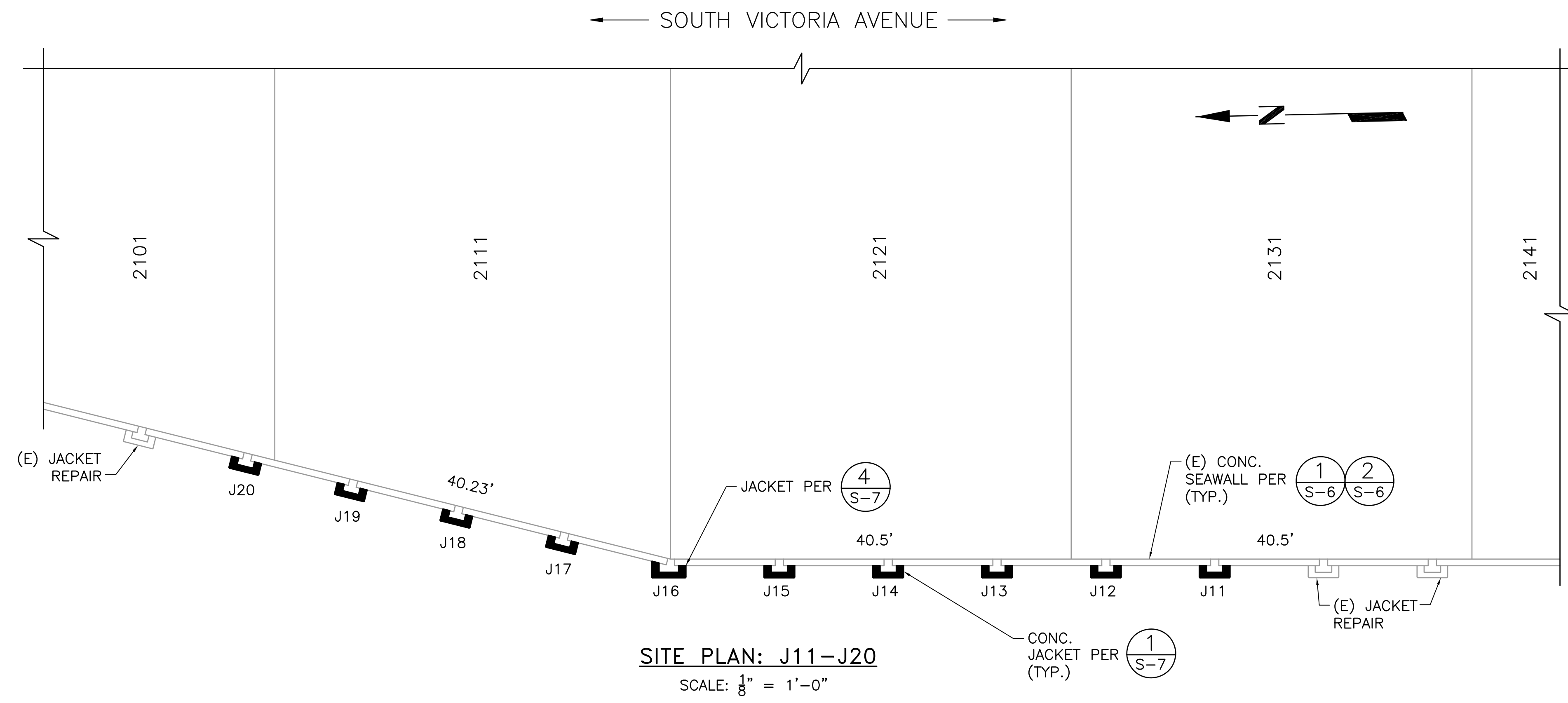
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SANTA ANA, CA 92707
PHONE: 714-708-6890
FAX: 714-242-9642

REVISIONS			CITY OF OXNARD PUBLIC WORKS	
MARK	DATE	DESCRIPTION	BY	DATE

CAPITAL PROJECTS MANAGEMENT DIVISION
 PILASTER JACKET REPAIRS
 STRUCTURAL NOTES
 MANDALAY BAY SEAWALLS

APPROVED: _____ Date _____
 Interim City Engineer, Robert Heorne
 R.C.E. 47376 Exp. 12-31-17

REVIEWED BY: _____ DATE _____
 SCALE: HORIZ. AS SHOWN SHEET No. 2 OF 8
 VERT. AS SHOWN DRAWING NUMBER S-1
 PREPARED BY: ESN CHECKED BY: CDD



- SHEET NOTES:**
1. CONTRACTOR TO FIELD VERIFY EXISTING DIMENSIONS OF PILASTERS PRIOR TO FABRICATING REBAR OR FORMS.
 2. CONTRACTOR TO VISIT THE SITE OF EACH REPAIR PRIOR TO SUBMITTING BID TO DETERMINE IF ANY EXISTING DECKS, DOCKS, GANGWAYS, PLATFORMS OR GUIDE PILES INTERFERE WITH HIS WORK APPROACH OR MEANS & METHODS. CONTRACTOR TO INCLUDE THE COST OF MOVING INTERFERING ITEMS IN HIS BID. TEMPORARY STORAGE LOCATION WILL BE PROVIDED IN THE WATERWAYS NEAR EACH SITE WITHIN THE MANDALAY COMMUNITY. OWNERS WILL HANDLE BOAT MOVES PROVIDED A 30 DAY NOTICE / REQUEST IS PROVIDED BY THE CONTRACTOR.

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REVISIONS			CITY OF OXNARD PUBLIC WORKS	
MARK	DATE	DESCRIPTION	BY	DATE

APPROVED: _____
Interim City Engineer, Robert Hoerne
R.C.E. 47376 Exp. 12-31-17

REVIEWED BY: _____

DATE: _____

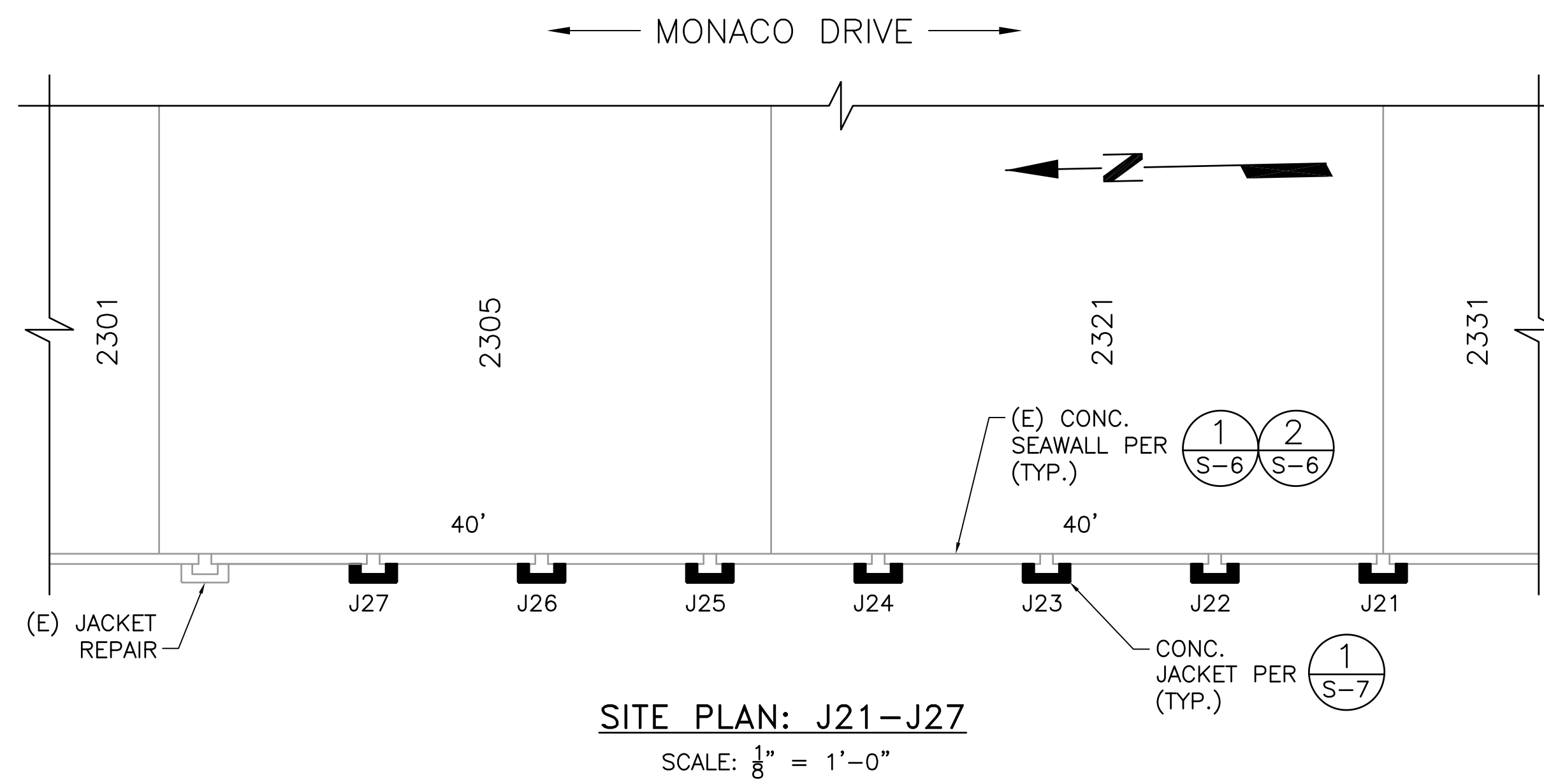
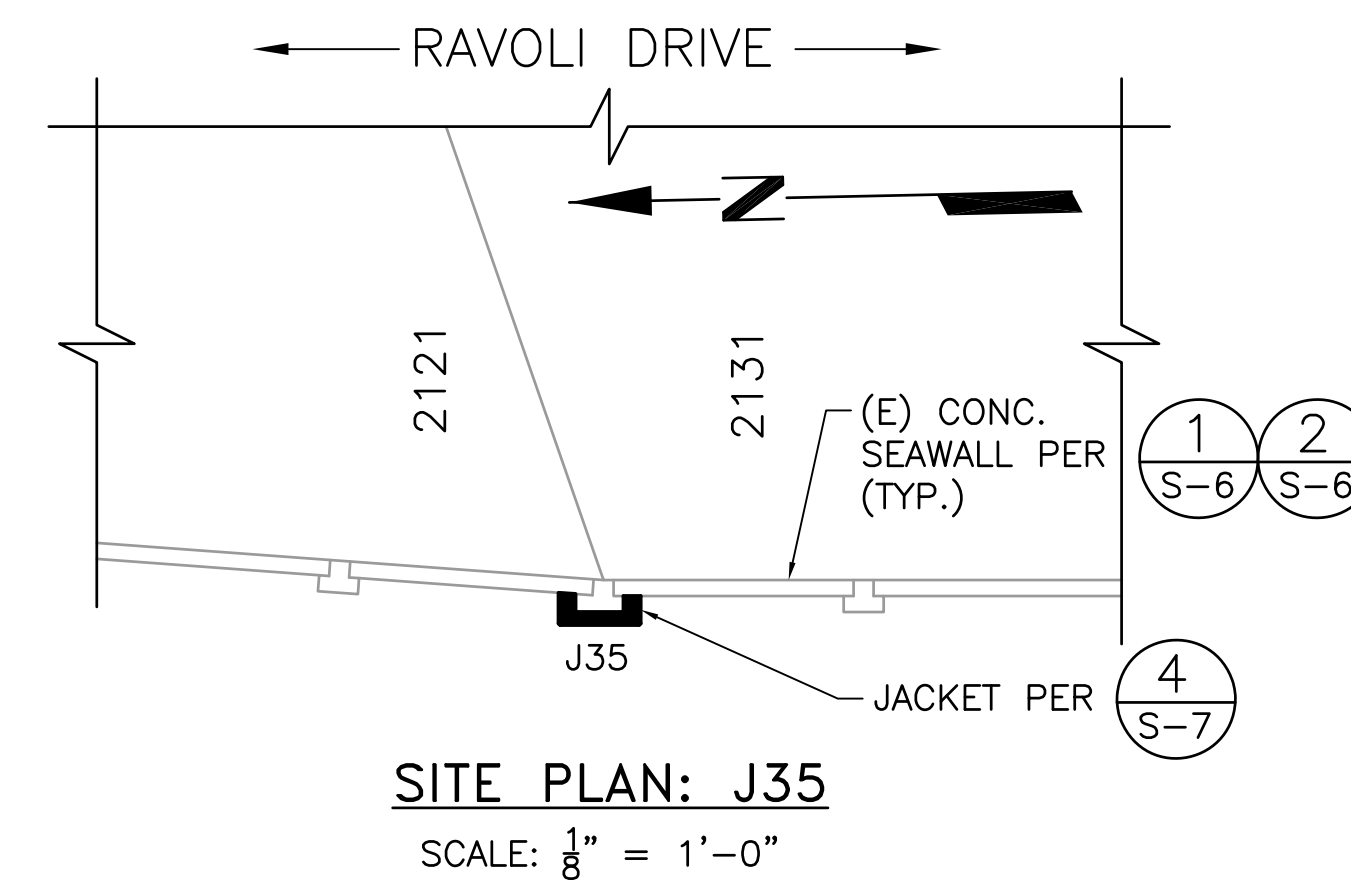
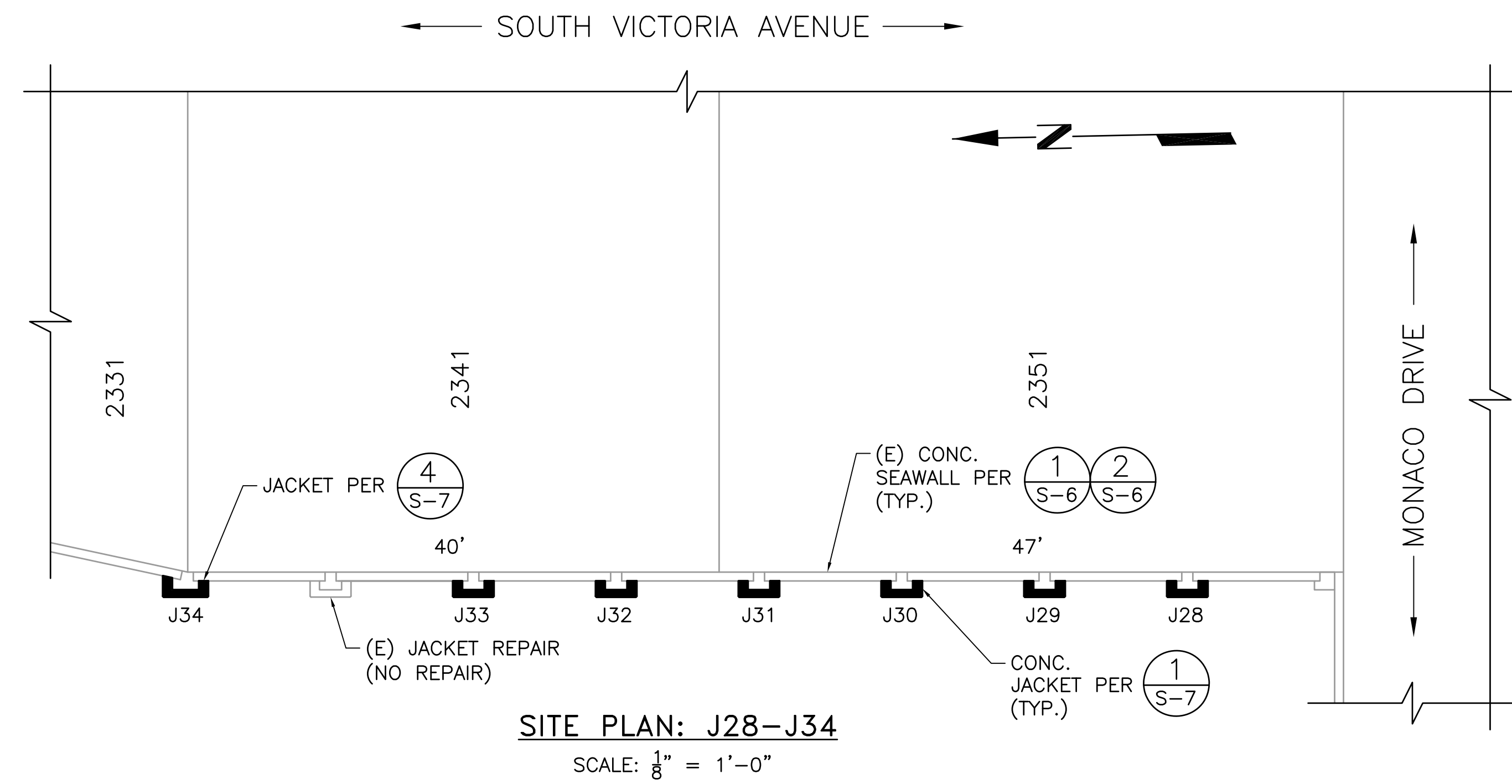
PREPARED BY: ESN

CHECKED BY: CDD

SCALE: HORIZ. - AS SHOWN SHEET No. 3 OF 8

VERT. - AS SHOWN DRAWING NUMBER S-2

- SHEET NOTES:**
1. CONTRACTOR TO FIELD VERIFY EXISTING DIMENSIONS OF PILASTERS PRIOR TO FABRICATING REBAR OR FORMS.
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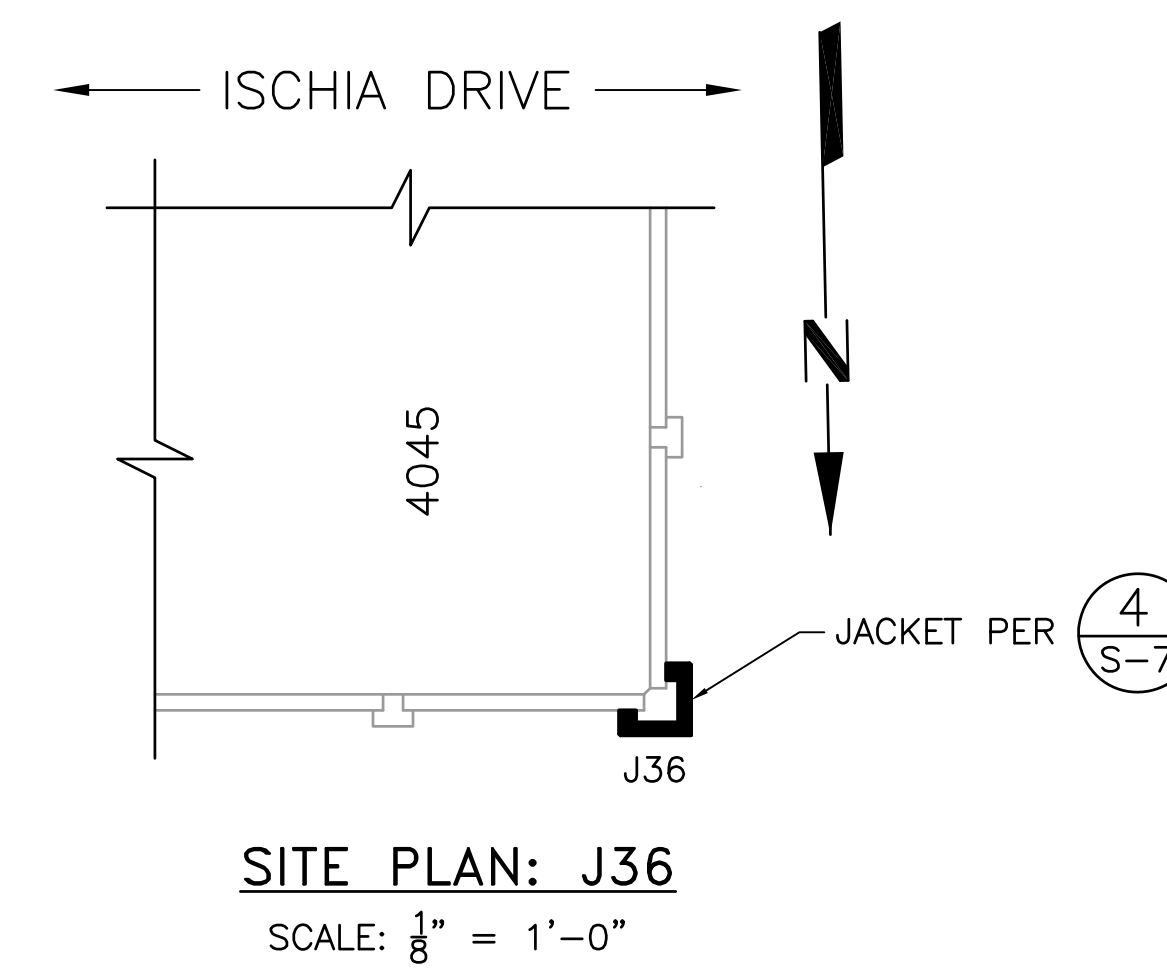
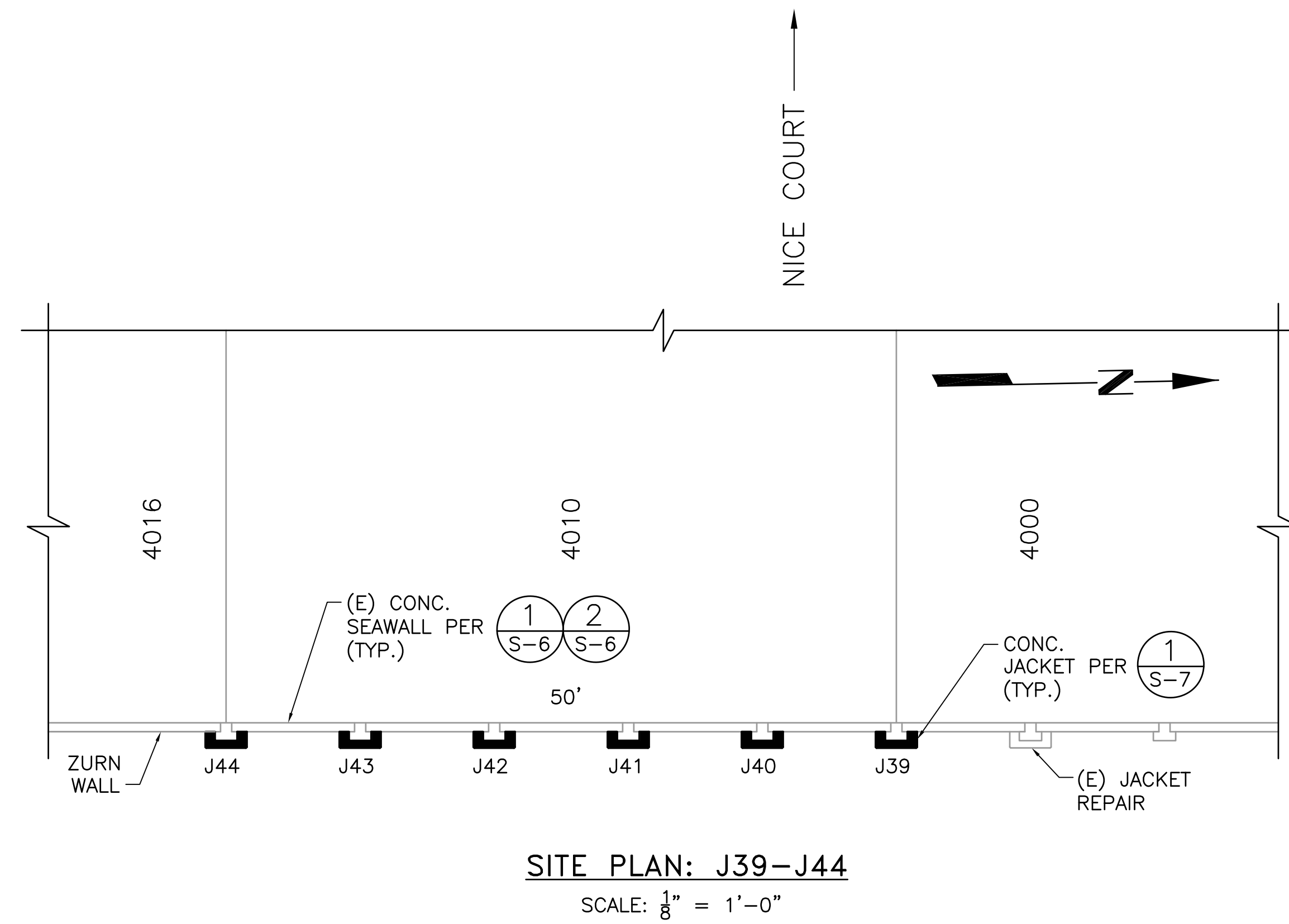
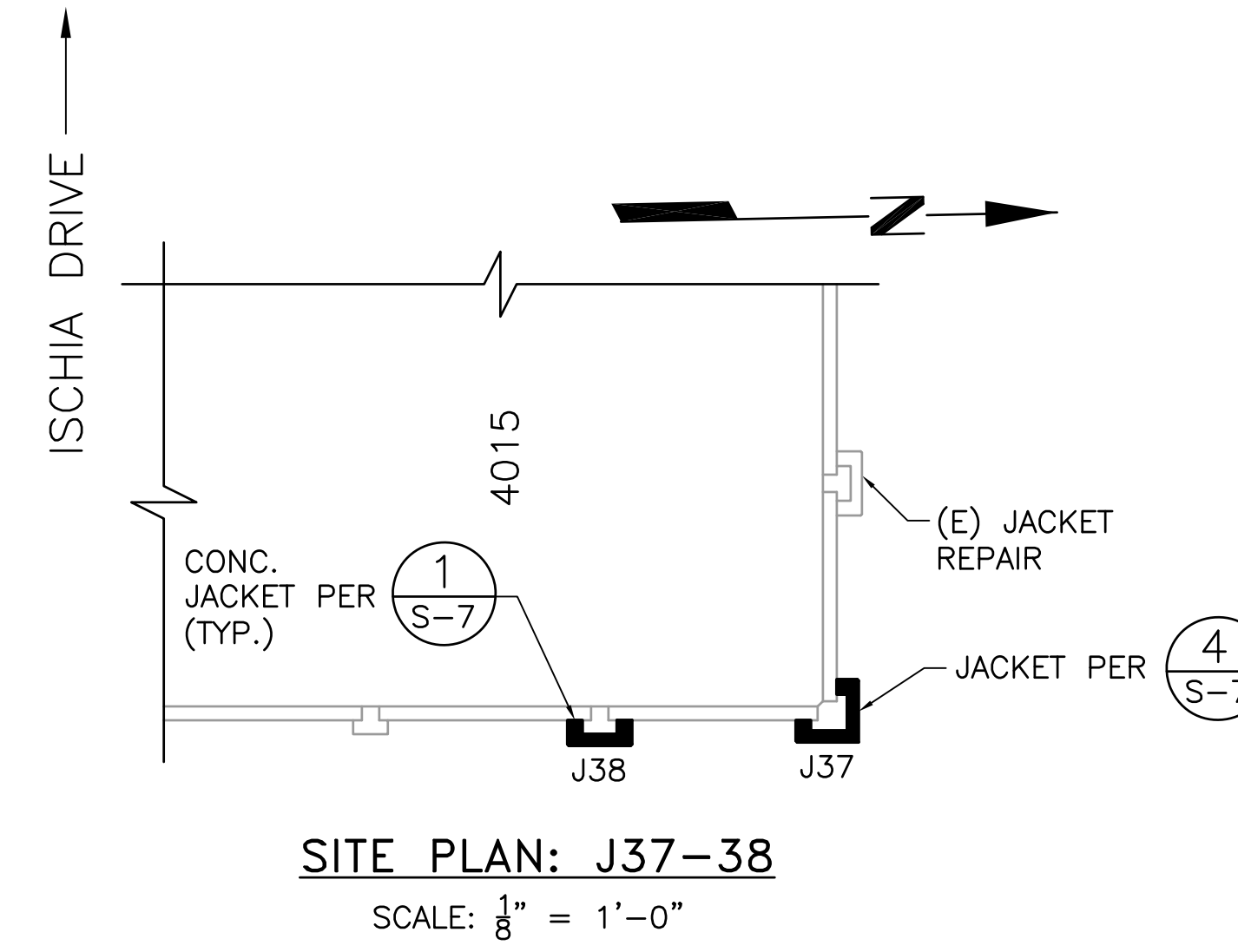
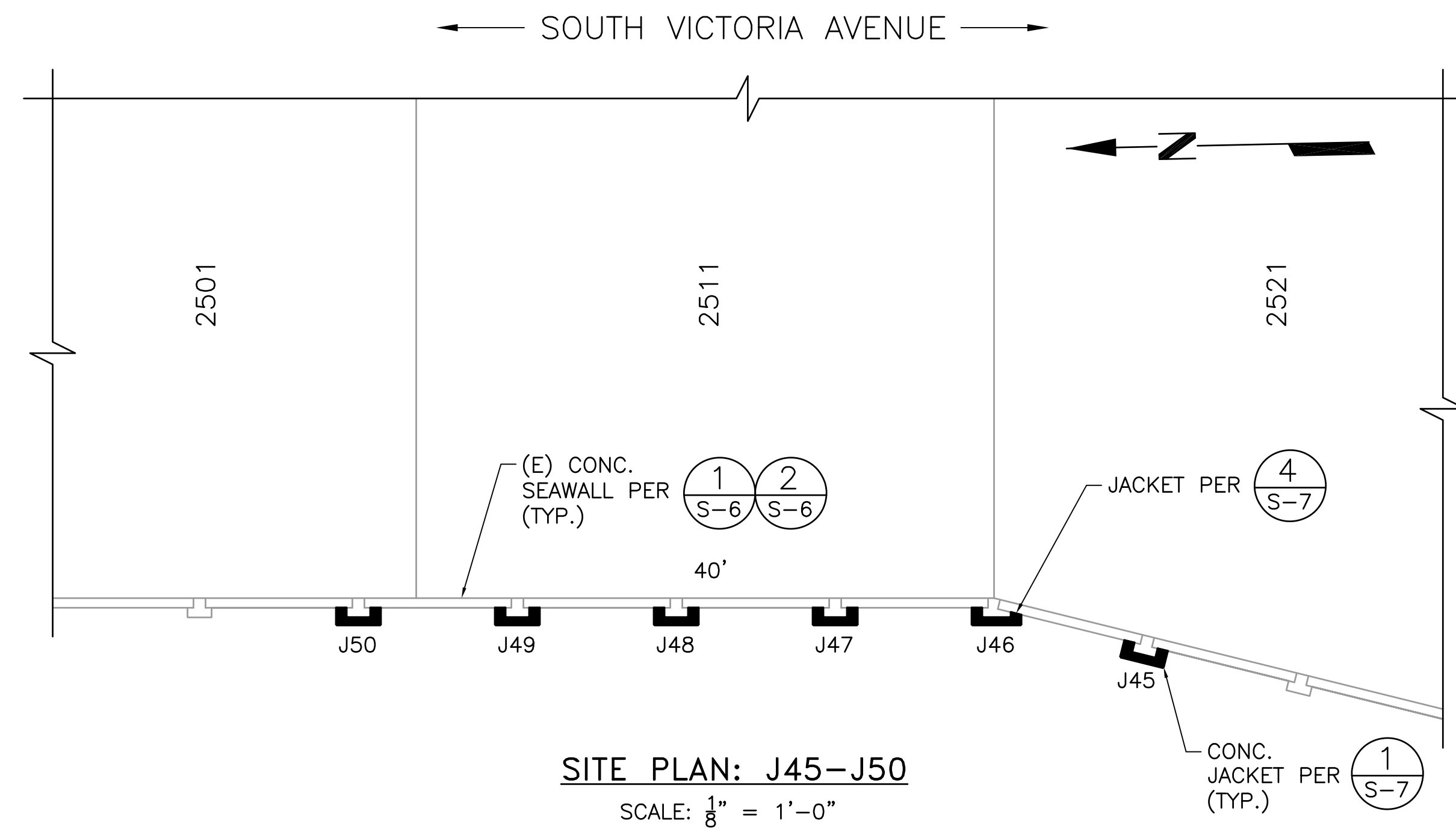


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MARK	DATE	DESCRIPTION	BY	DATE

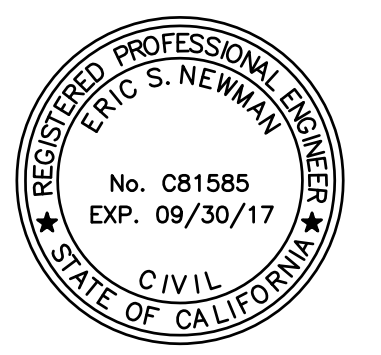
APPROVED: _____ <small>Interim City Engineer, Robert Hezme R.C.E. 47376 Exp. 12-31-17</small>		DATE: _____	
REVIEWED BY: _____		SCALE: HORIZ. - AS SHOWN VERT. - AS SHOWN	
PREPARED BY: ESN		SHEET No. <u>4</u> OF <u>8</u>	
CHECKED BY: CDD		DRAWING NUMBER <u>S-3</u>	

- SHEET NOTES:**
1. CONTRACTOR TO FIELD VERIFY EXISTING DIMENSIONS OF PILASTERS PRIOR TO FABRICATING REBAR OR FORMS.
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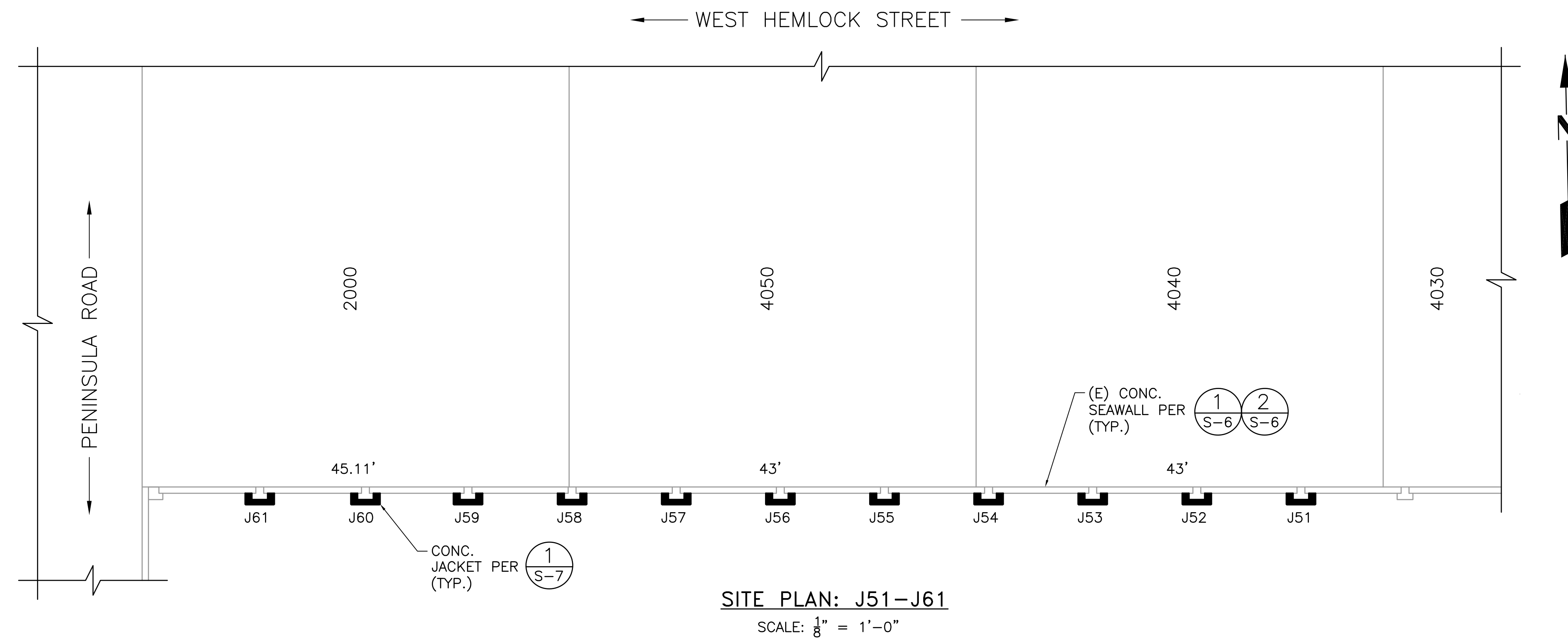
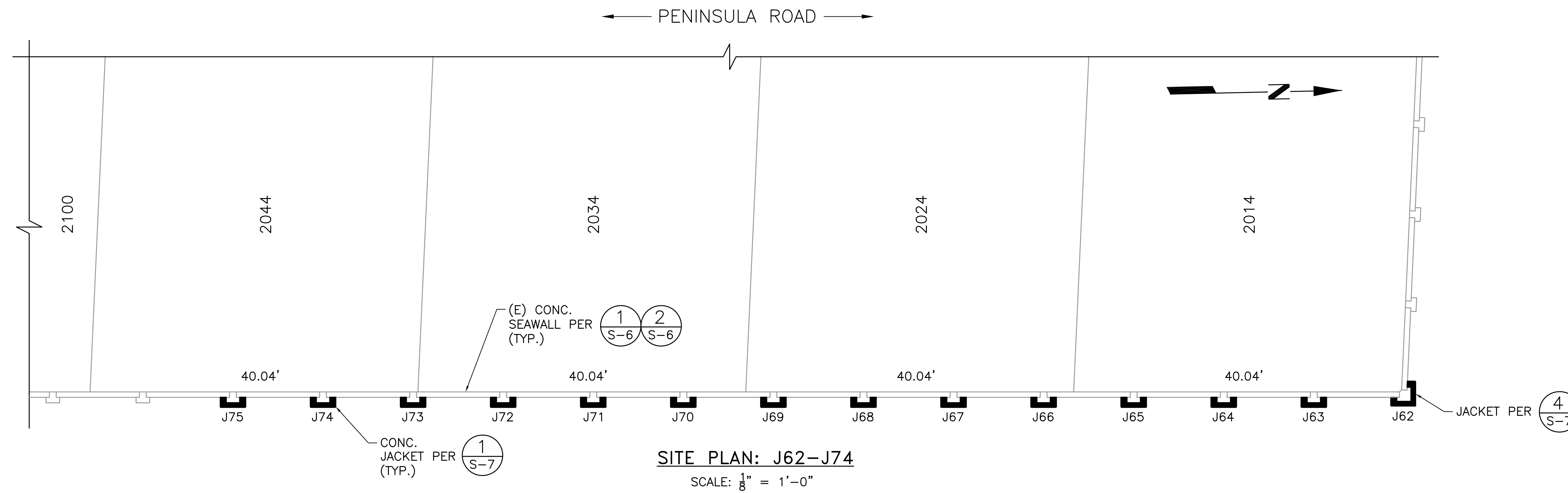
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REVISIONS				CITY OF OXNARD PUBLIC WORKS	
MARK	DATE	DESCRIPTION	BY	CAPITAL PROJECTS MANAGEMENT DIVISION	
APPROVED BY:				INTERIM CITY ENGINEER: Robert Hezme Date: _____ R.C.E. 47376 Exp. 12-31-17	
REVIEWED BY:				SCALE: HORIZ. - AS SHOWN SHEET No. <u>5</u> OF <u>8</u> VERT. - AS SHOWN	
DATE: _____				PREPARED BY: ESN DRAWING NUMBER: <u>S-4</u> CHECKED BY: CDD	

- SHEET NOTES:**
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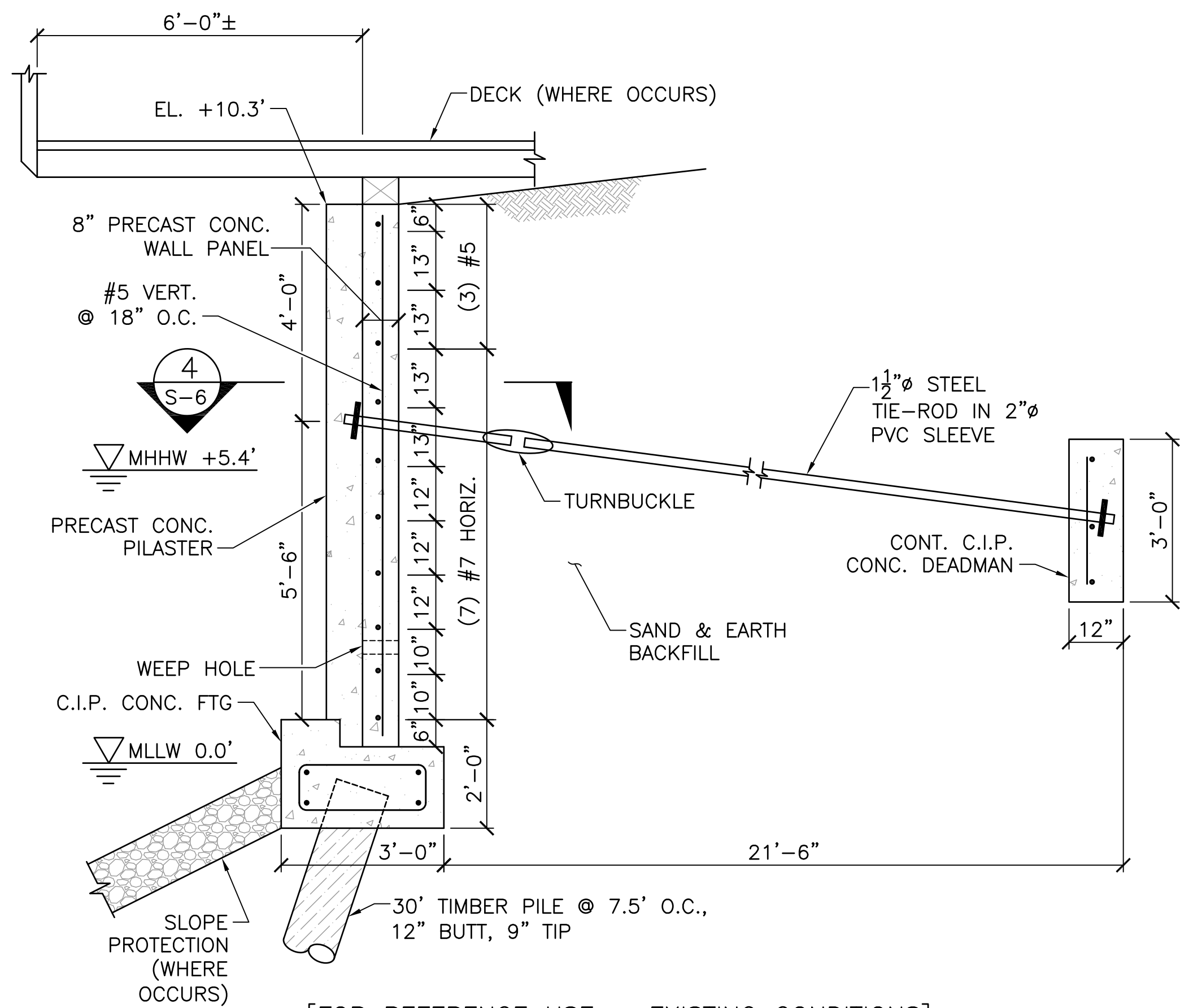
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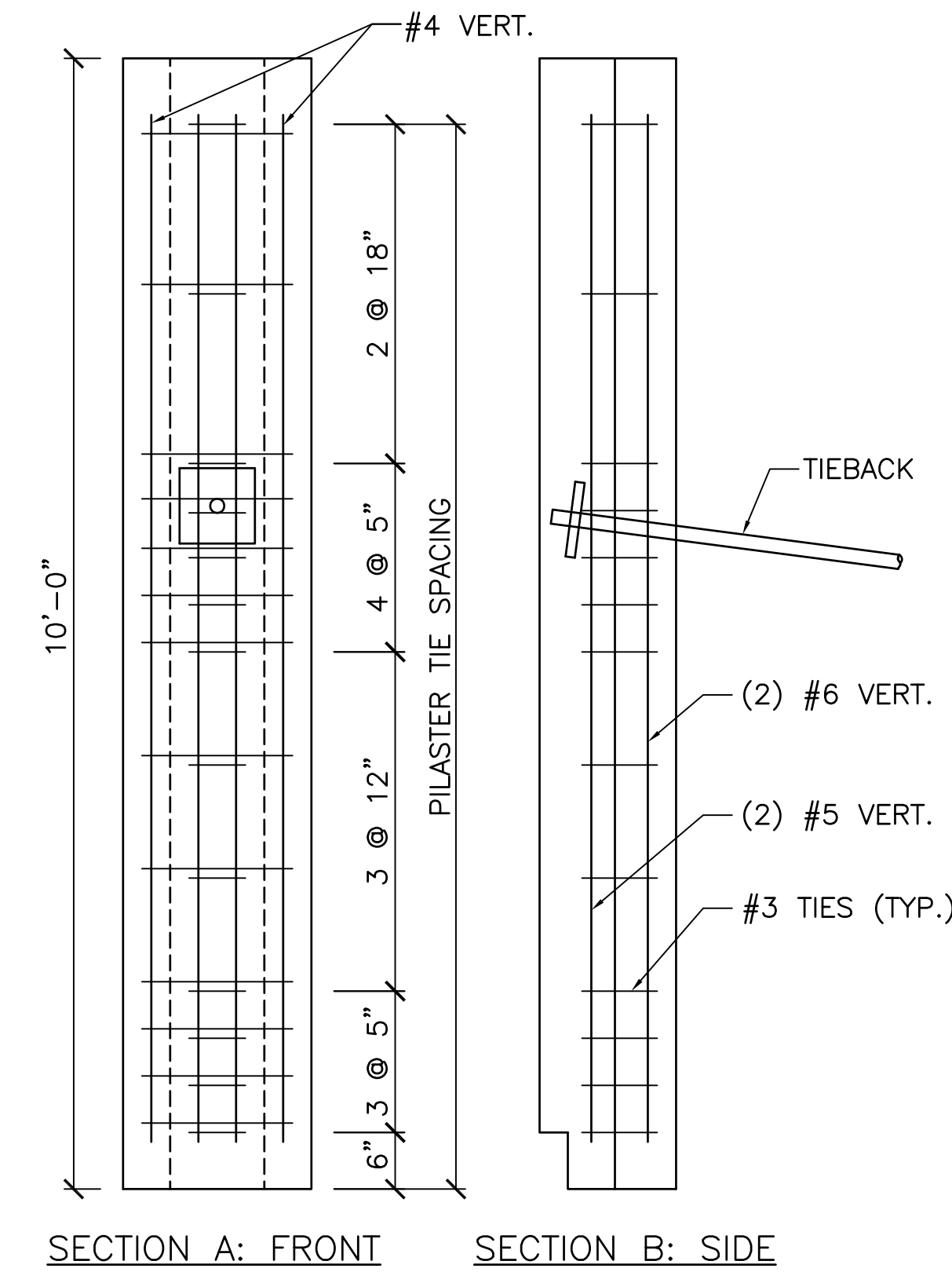
REVISIONS				CITY OF OXNARD PUBLIC WORKS	
MARK	DATE	DESCRIPTION	BY	CAPITAL PROJECTS MANAGEMENT DIVISION	

APPROVED:	Interim City Engineer, Robert Hoerne R.C.E. 47376 Exp. 12-31-17	Date
REVIEWED BY:	SCALE: HORIZ. - AS SHOWN VERT. - AS SHOWN	SHEET No. 6 of 8
DATE	PREPARED BY: ESN	DRAWING NUMBER S-5
DATE	CHECKED BY: CDD	



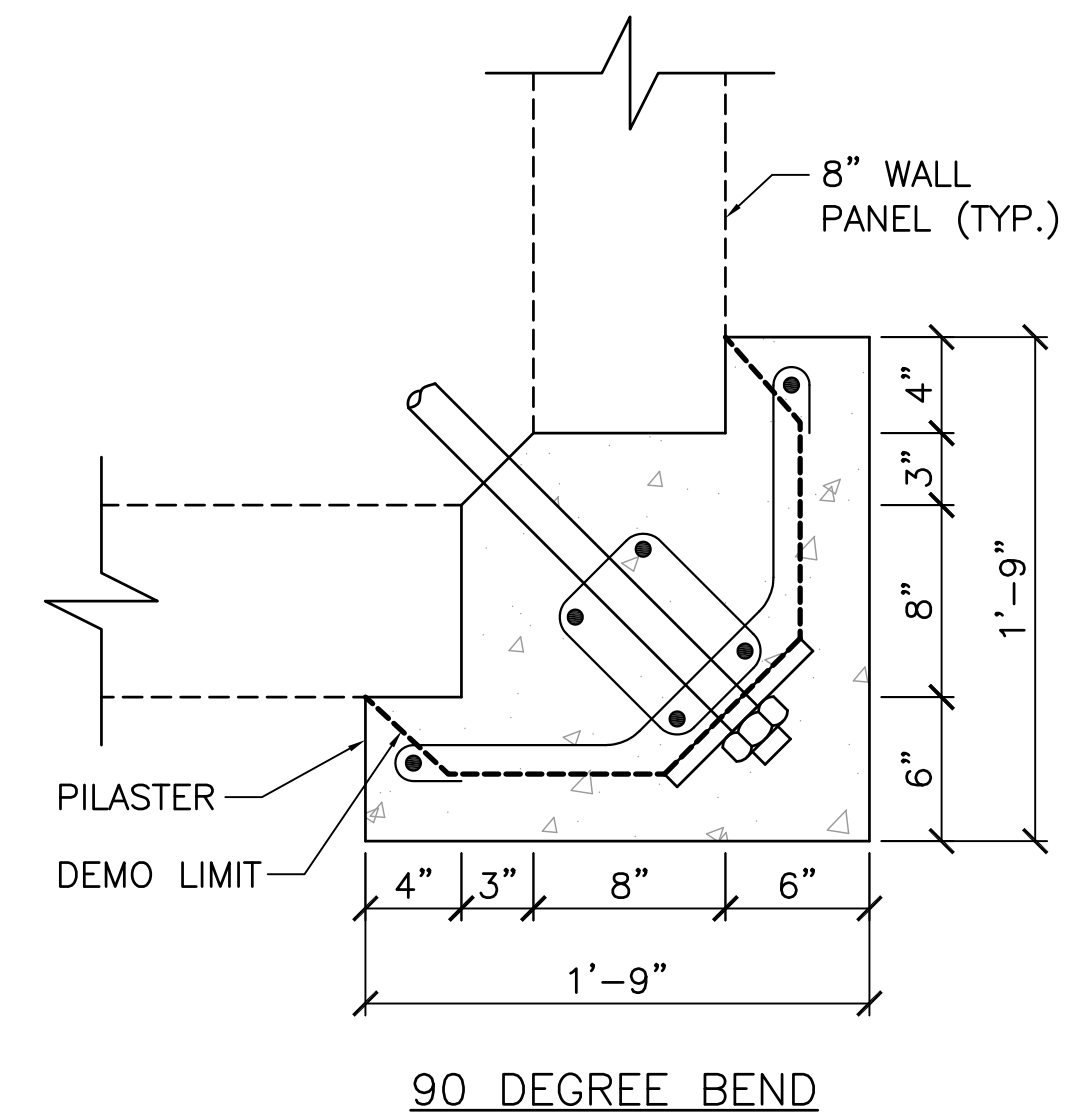
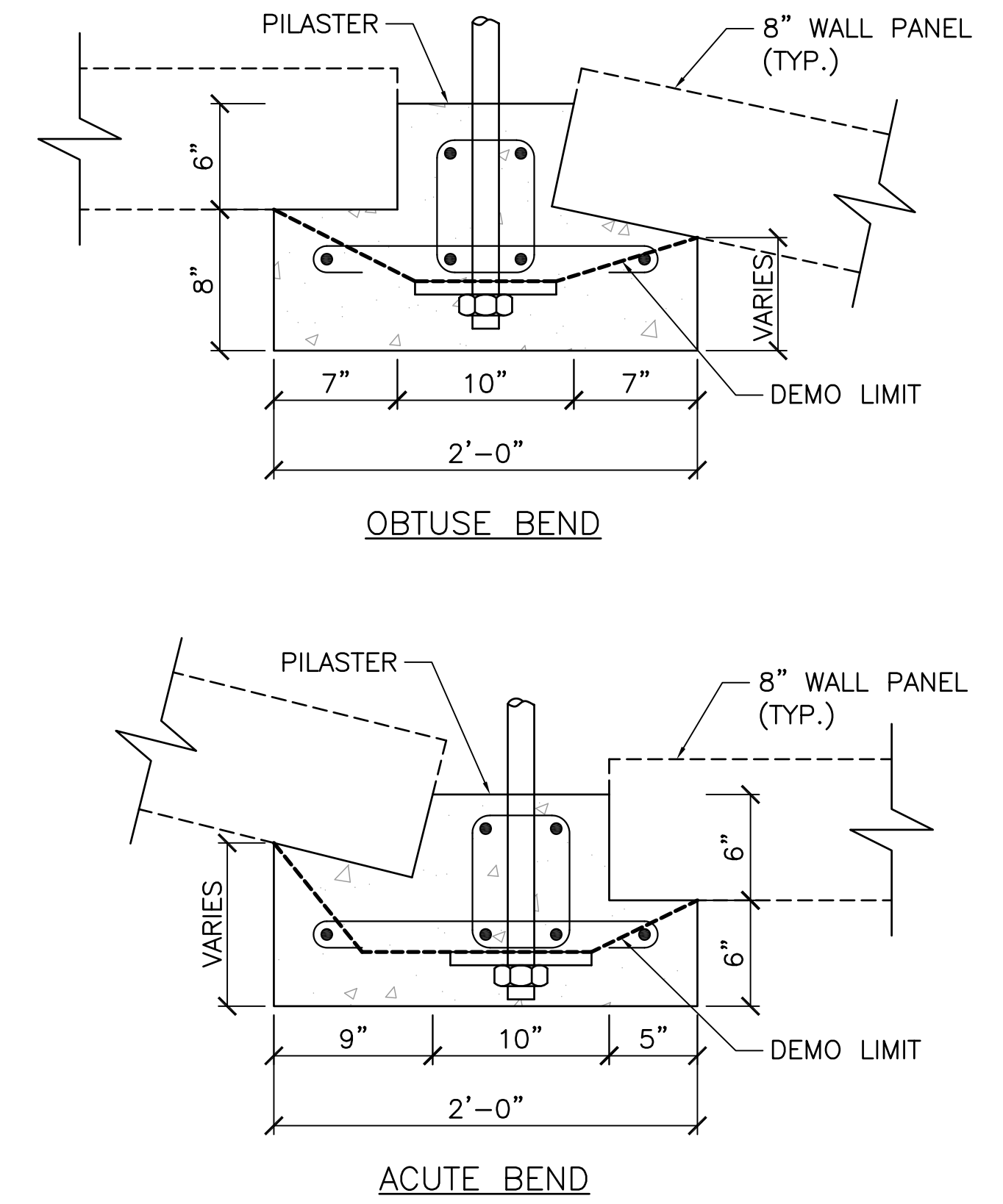
[FOR REFERENCE USE - EXISTING CONDITIONS]

TYPICAL BOISE WALL SECTION (1)
SCALE: 1/2" = 1'-0"



[FOR REFERENCE USE - EXISTING CONDITIONS]

TYPICAL BOISE PILASTER SECTIONS (3)
SCALE: 3/4" = 1'-0"

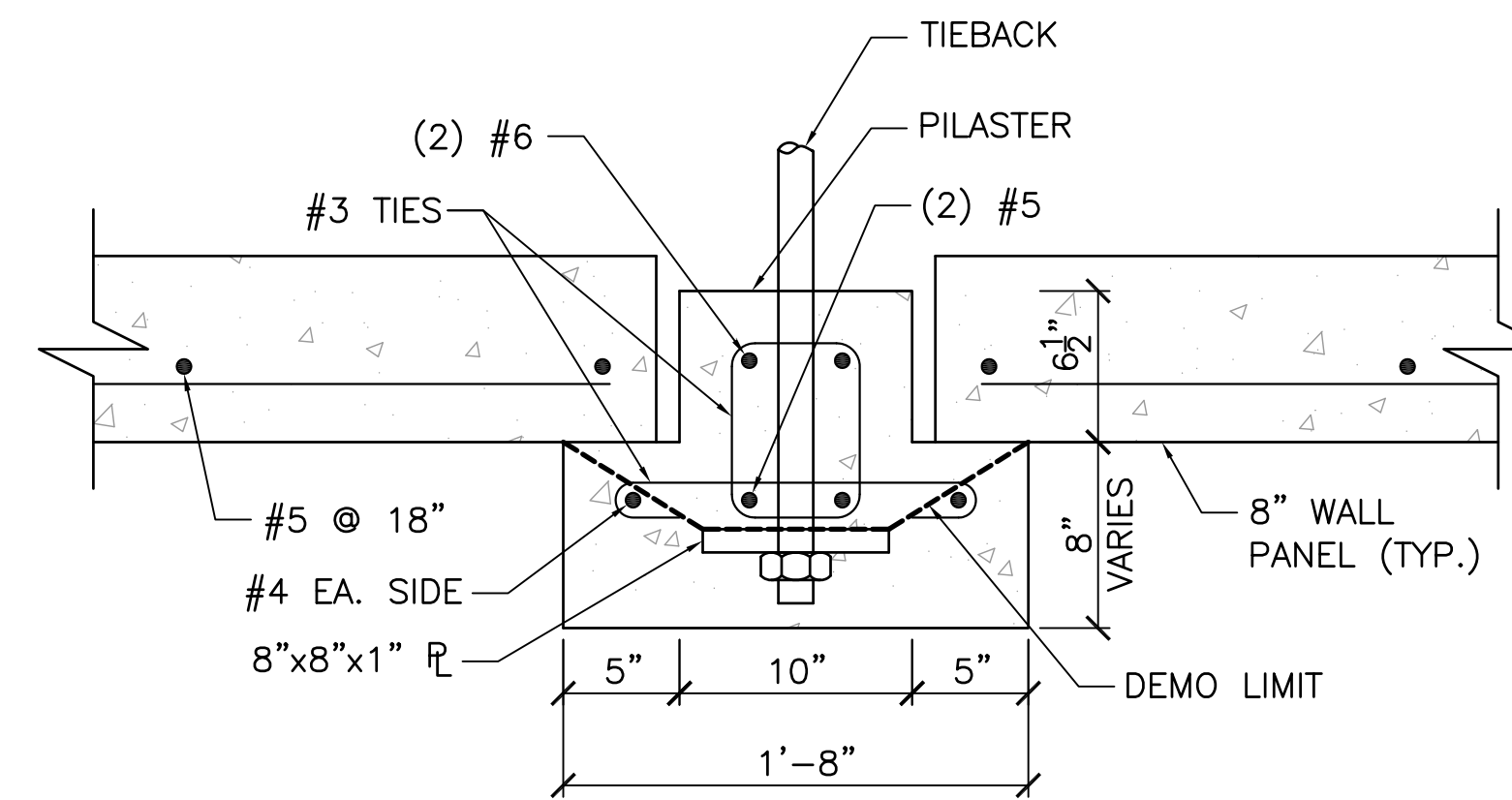


[FOR REFERENCE USE - EXISTING CONDITIONS]

CORNER PILASTER DETAILS (5)
SCALE: 1 1/2" = 1'-0"

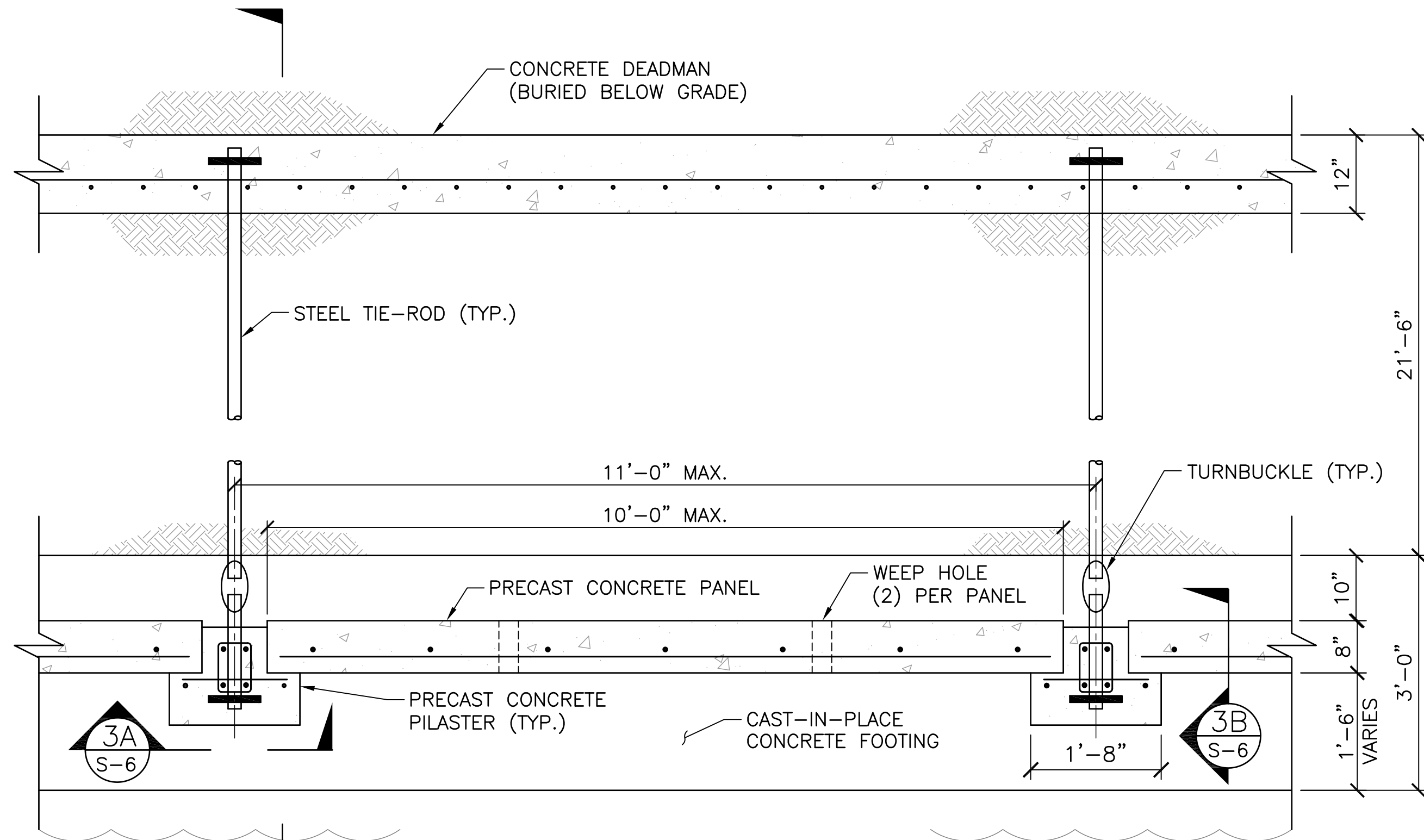
DEMOLITION NOTES:

1. REMOVE & DISPOSE ONLY LOOSE AND CRACKED CONCRETE.
2. USE HANDHELD CHIPPING TOOLS 25# OR LESS TO AVOID DAMAGING CONCRETE TO REMAIN.
3. DEMO LIMIT SHOWN ON DETAILS IS THE MAXIMUM DEMOLITION DEPTH. ACTUAL DEPTH IS LESS WHEN CONCRETE IS SOUND.
4. DO NOT DEMOLISH BEYOND DEMO LIMIT WITHOUT PRIOR ENGINEER APPROVAL.
5. MECHANICALLY CLEAN ALL EXPOSED REBAR TO REMOVE ALL LOOSE RUST.
6. IF ANY GAP IS EXPOSED BEHIND AN EXISTING BAR, REMOVE 3/4" OF CONCRETE AROUND THE BAR TO ALLOW NEW CONCRETE COMPACTION.
7. REPLACE ALL BARS WITH GREATER THAN 50% CORROSION LOSS WITH NEW UNCOATED REINFORCING.
8. APPLY CORROSION INHIBITOR SIKA ARMATEC 110 EPOCEM OR ENGINEER APPROVED EQUAL TO ALL EXPOSED STEEL PER MANUFACTURER'S INSTRUCTIONS.



[FOR REFERENCE USE - EXISTING CONDITIONS]

TYPICAL PILASTER SECTION (4)
SCALE: 1 1/2" = 1'-0"



[FOR REFERENCE USE - EXISTING CONDITIONS]

TYPICAL BOISE WALL PLAN (2)
SCALE: 3/4" = 1'-0"

100% SUBMITTAL 1-13-17

NOT FOR CONSTRUCTION

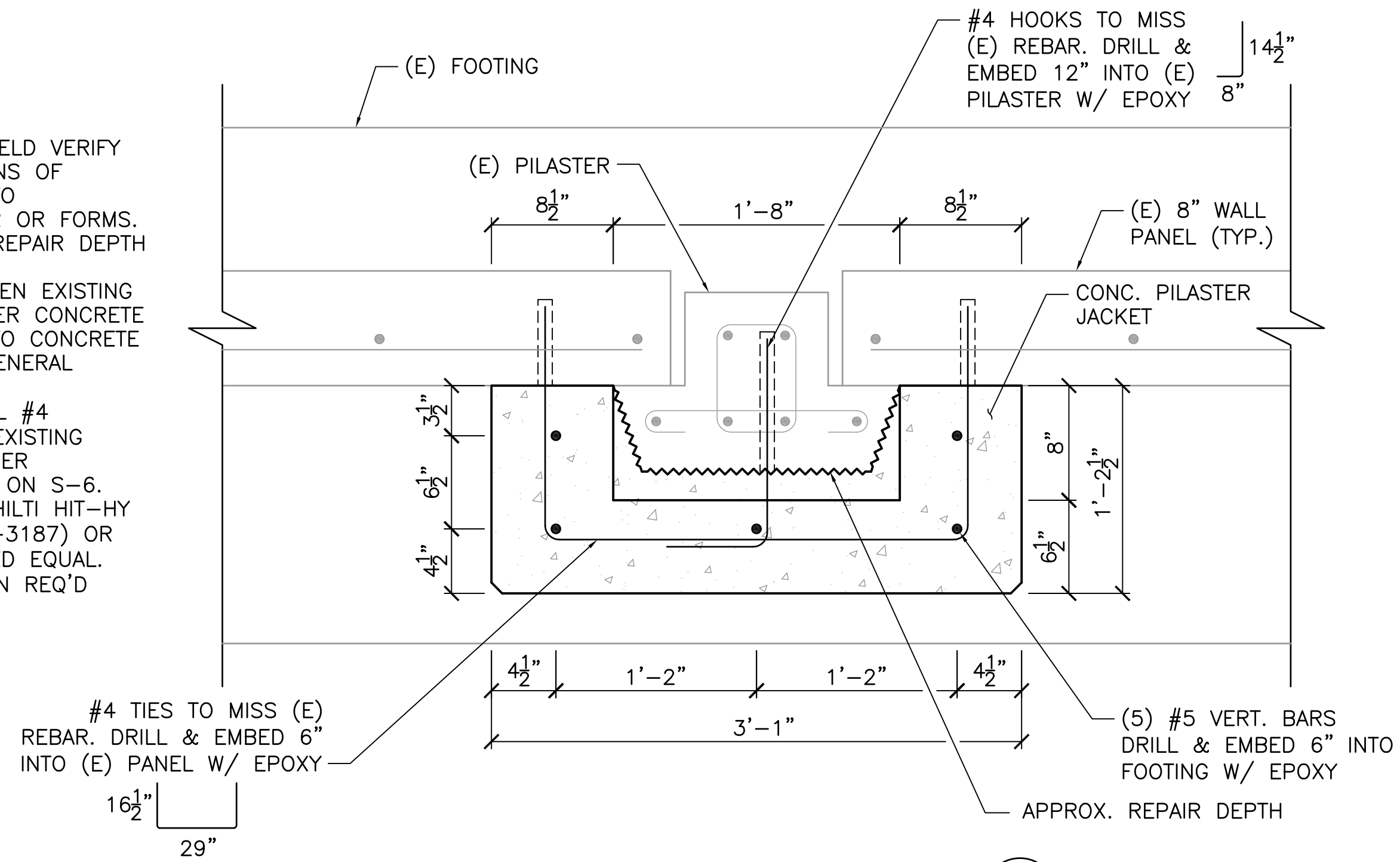


6 HUTTON CENTRE DRIVE
SUITE 1250
SANTA ANA, CA 92707
PHONE: 714-708-6890
FAX: 714-242-9642

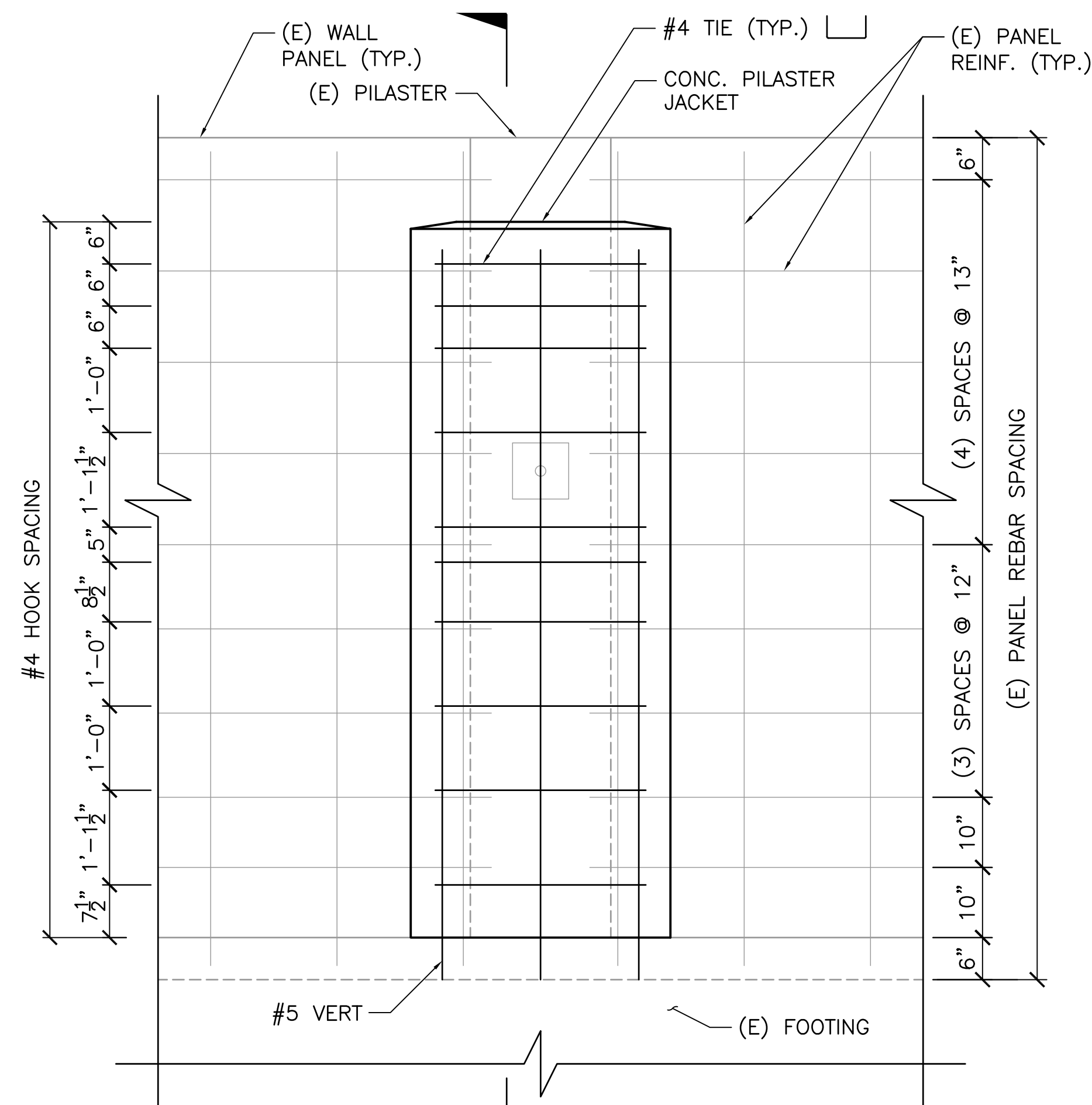
REVISIONS			CITY OF OXNARD PUBLIC WORKS	
MARK	DATE	DESCRIPTION	BY	DATE

CAPITAL PROJECTS MANAGEMENT DIVISION
 PILASTER JACKET REPAIRS
 EXISTING WALL DETAILS
 MANDALAY BAY SEAWALLS
 APPROVED: Interim City Engineer, Robert Hoerne Date
 R.C.E. 47376 Exp. 12-31-17
 SCALE: HORIZ. AS SHOWN SHEET No. 7 OF 8
 VERT. AS SHOWN
 PREPARED BY: ESN DRAWING NUMBER S-6
 CHECKED BY: CDD

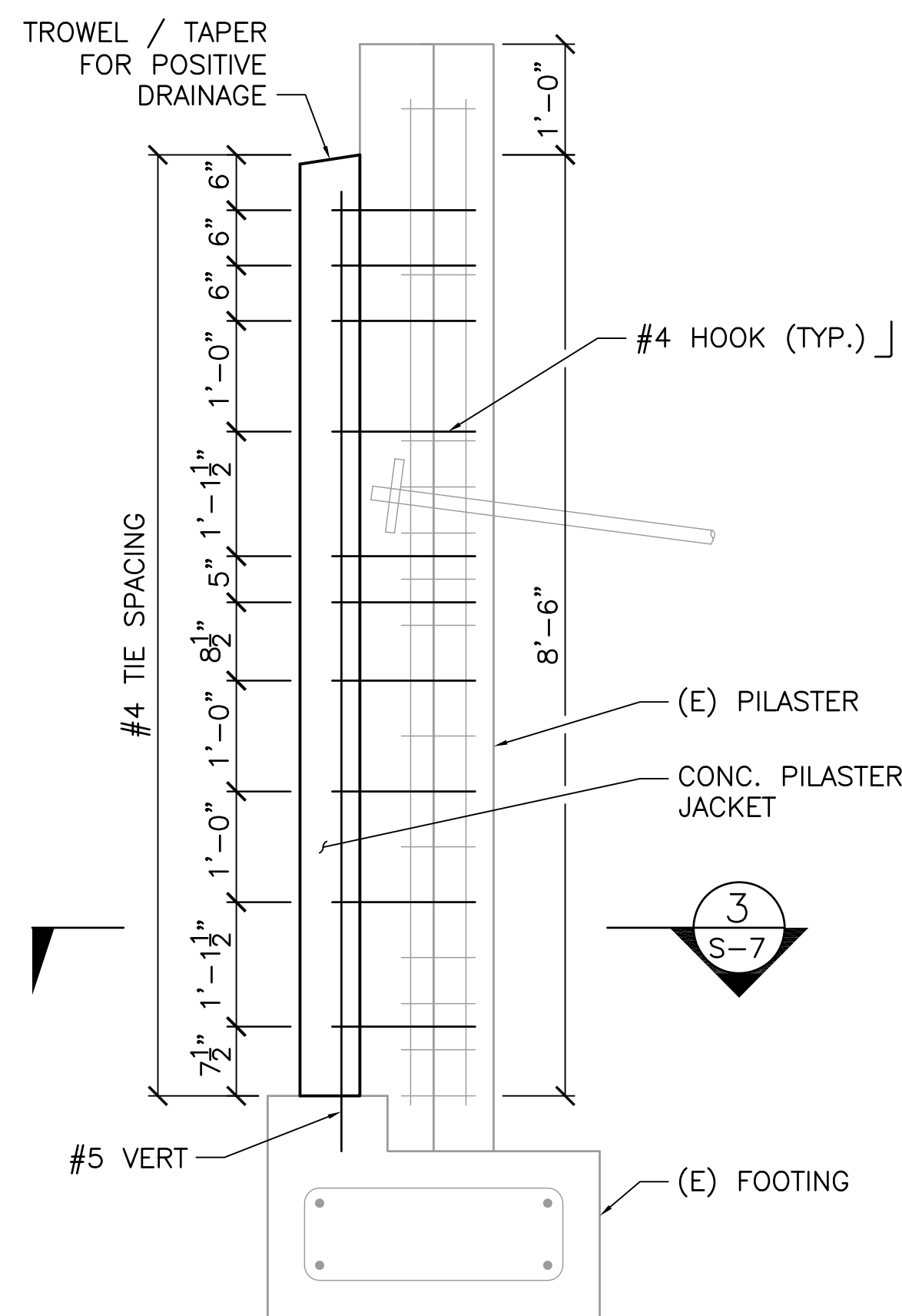
- NOTES:**
- CONTRACTOR TO FIELD VERIFY EXISTING DIMENSIONS OF PILASTERS PRIOR TO FABRICATING REBAR OR FORMS.
 - ACTUAL PILASTER REPAIR DEPTH VARIES.
 - CLEAN AND ROUGHEN EXISTING PANEL AND PILASTER CONCRETE SURFACES PRIOR TO CONCRETE PLACEMENT PER GENERAL NOTES ON S-1.
 - ADD SUPPLEMENTAL #4 VERTICAL BAR AT EXISTING CORRODED BARS PER DEMOLITION NOTES ON S-6.
 - EPOXY SHALL BE HILTI HIT-HY 200 (ICC-ES ESR-3187) OR ENGINEER APPROVED EQUAL. SPECIAL INSPECTION REQ'D



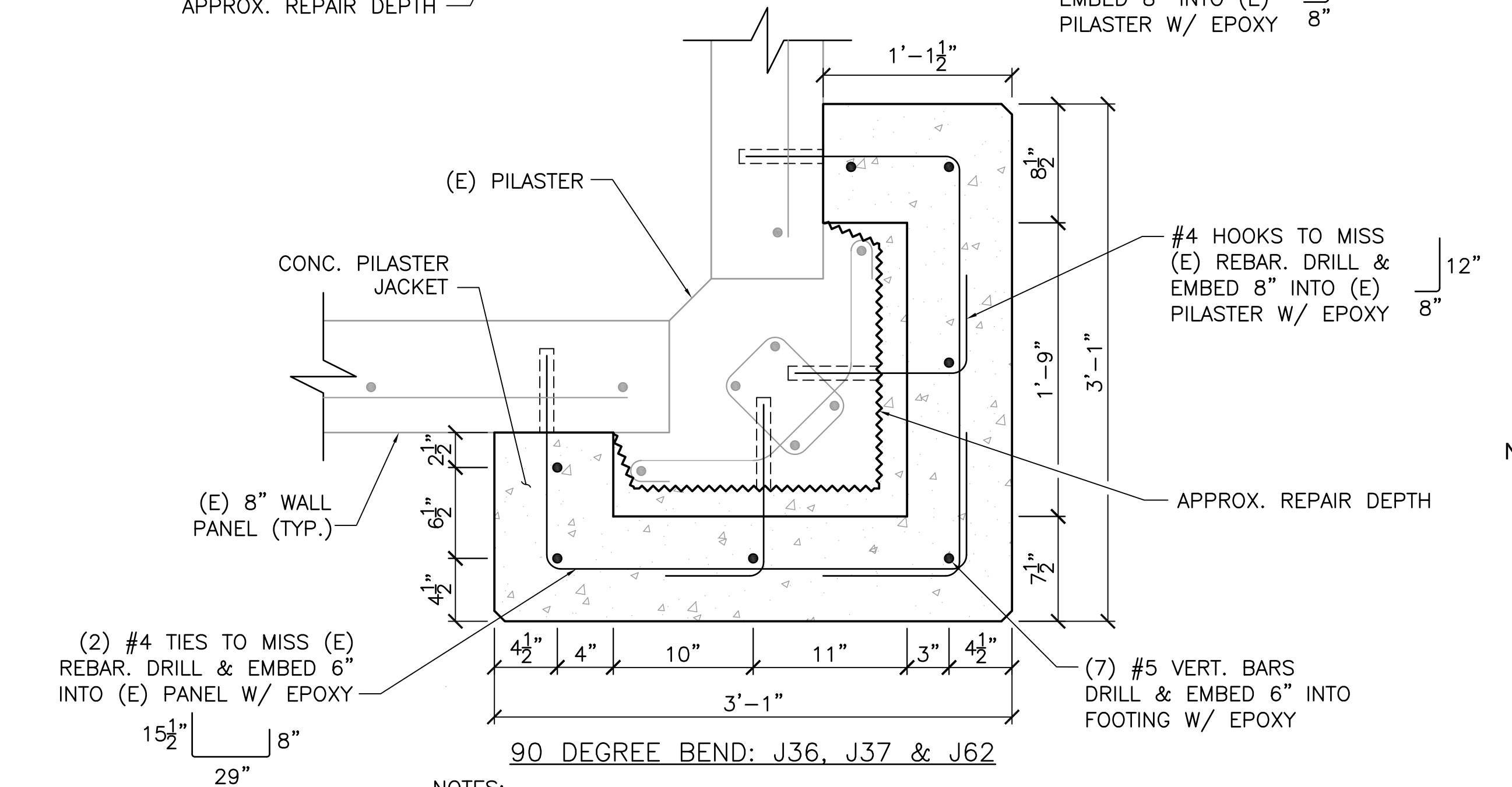
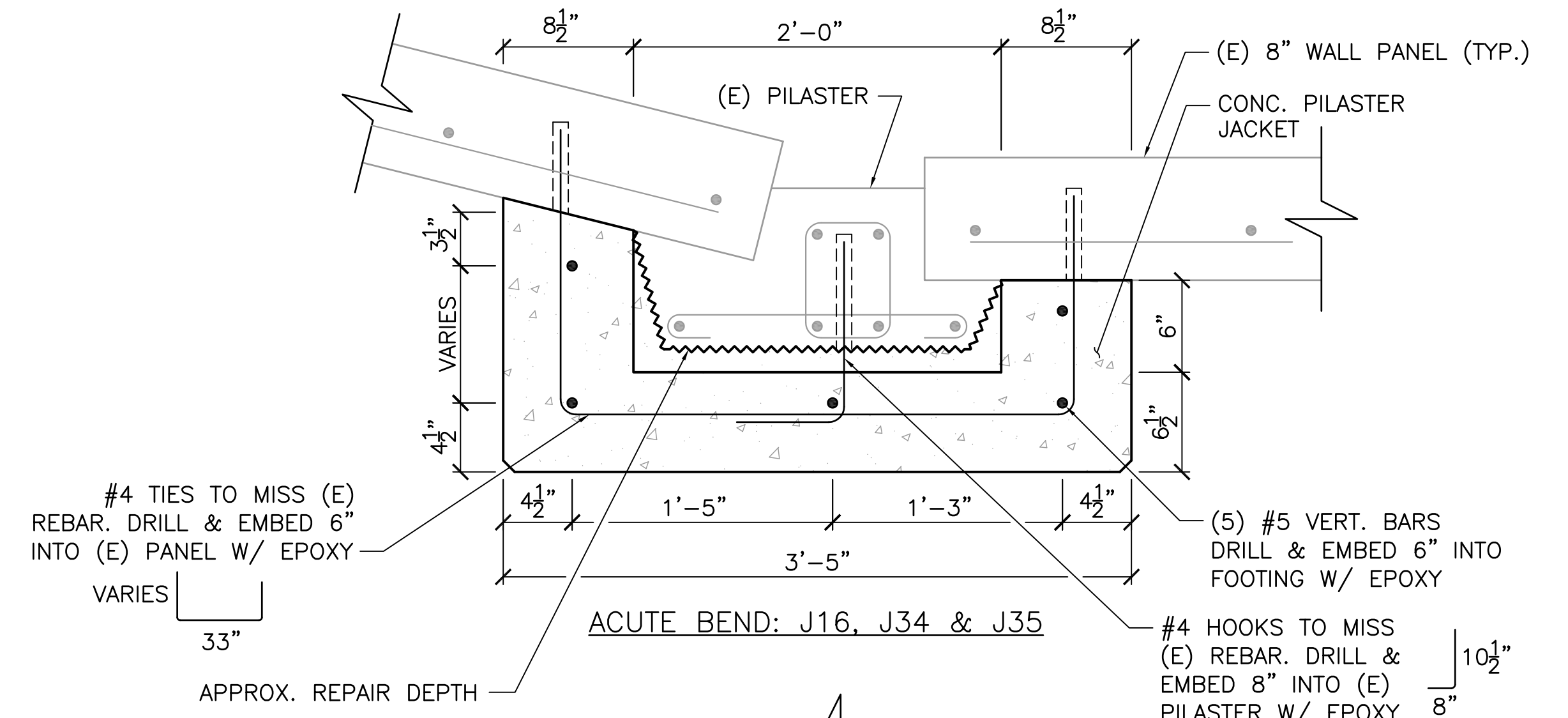
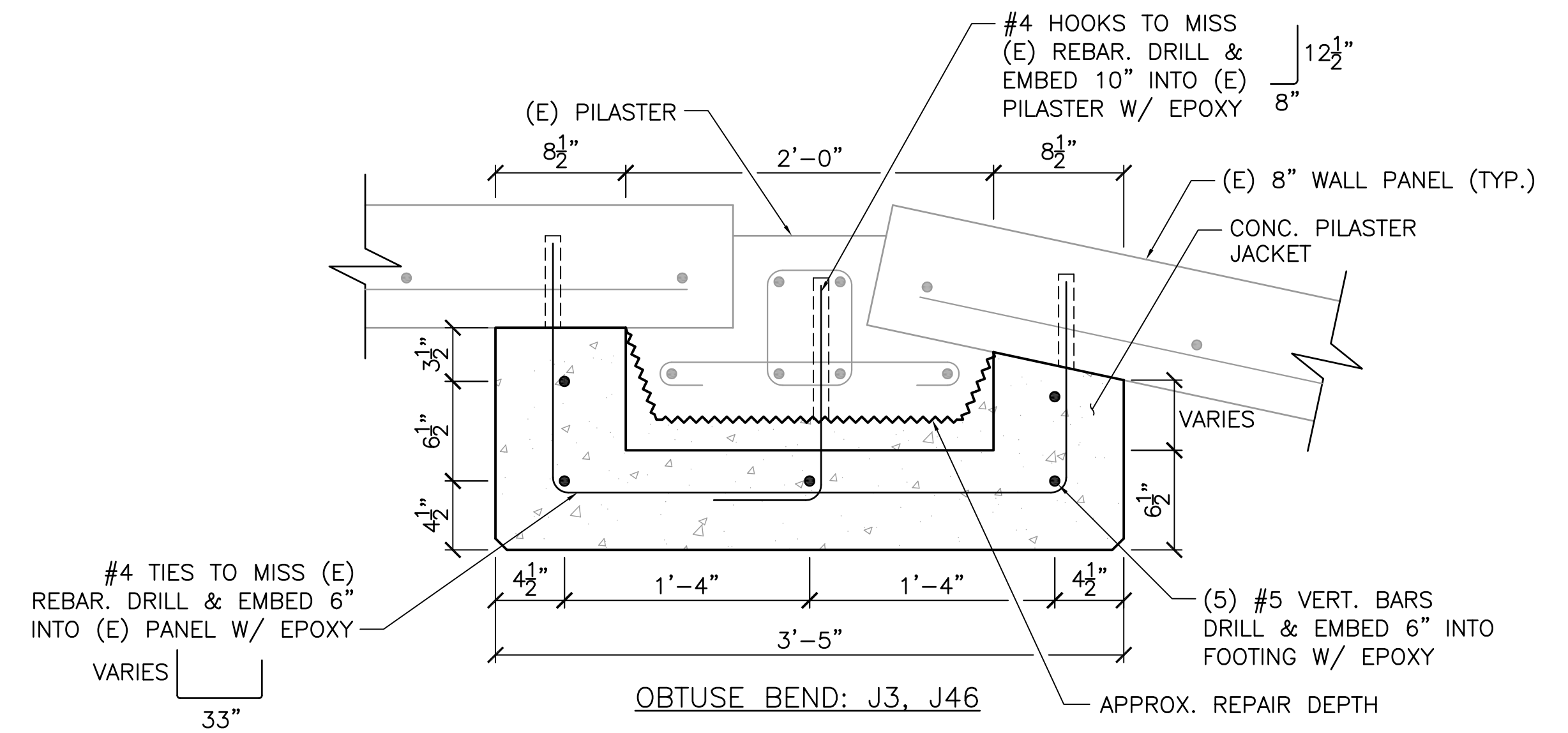
PILASTER REPAIR SECTION 3 S-7
SCALE: 1/2" = 1'-0"



PILASTER REPAIR ELEVATION 1 S-7
SCALE: 3/4" = 1'-0"



PILASTER REPAIR SECTION 2 S-7
SCALE: 3/4" = 1'-0"



- NOTES:**
- REFER TO DETAIL 3 FOR INFORMATION NOT SHOWN.
 - PLACE BARS 2" CLEAR OF EXISTING CONCRETE U.N.O.

CORNER PILASTER REPAIR SECTIONS 4 S-7
SCALE: 1/2" = 1'-0"

100% SUBMITTAL 1-13-17

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MARK	DATE	DESCRIPTION	BY	
				APPROVED: Interim City Engineer, Robert Heorne R.C.E. 47376 Exp. 12-31-17
				SCALE: HORIZ. - AS SHOWN VERT. - AS SHOWN SHEET No. 8 of 8 DRAWING NUMBER S-7