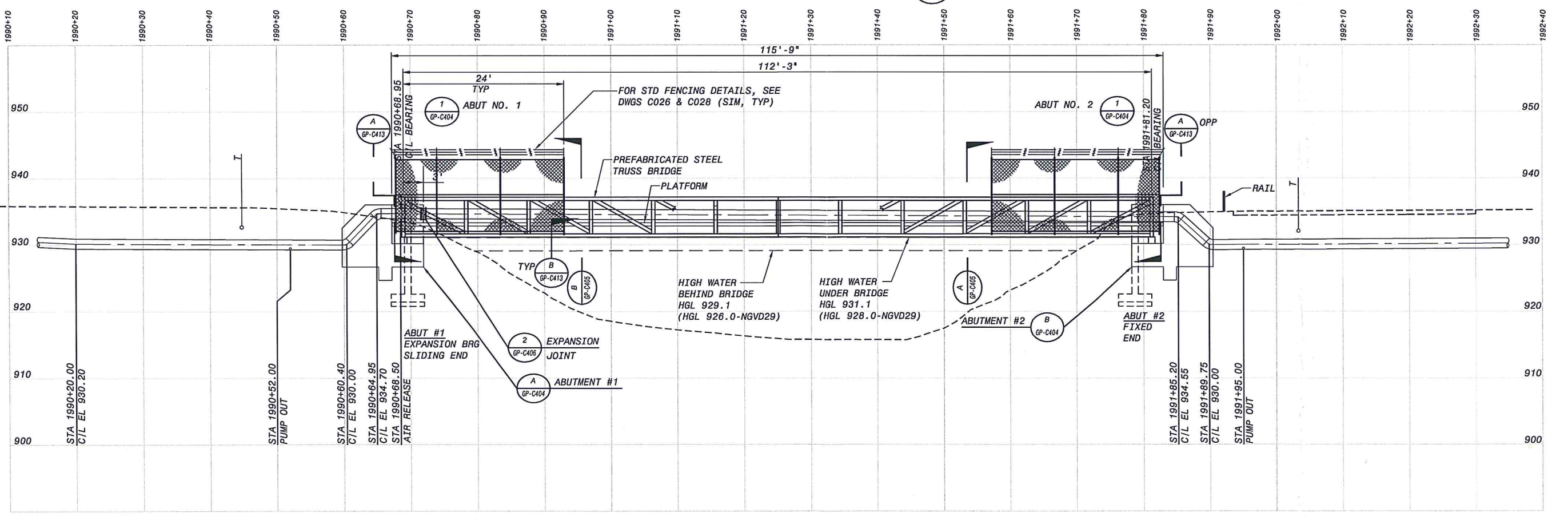


PLAN - BRIDGE CROSSING
SCALE: 1"=8'



ELEVATION - BRIDGE CROSSING
SCALE: 1"=8'

DRAFT
RECORD DRAWING

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RECORD DRAWING NOTE:
STATIONS SHOWN ARE FOR LOCATION ID USE ONLY. SOME STATIONS MAY BE +/- SEVERAL FEET FROM ACTUAL AS RESULT OF TRANSLATING ORIGINAL DESIGN ALIGNMENT STATION ONTO MINOR CONSTRUCTION REALIGNMENTS. MAJOR REALIGNMENTS WERE RE-STATIONED.

NO.	BY	CHK	APP
2	SM	EVA	CRP
1	DRG	AER	AER

THIS DRAWING WAS ORIGINALLY APPROVED FOR CONSTRUCTION BY STEVEN N. FOELLMI ON 04/27/07 AND SEALED BY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF CALIFORNIA NO. C37116

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BOYLE
ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

ENLARGED PLAN
SANTA MARGARITA CREEK CROSSING
PLAN AND ELEVATION - STA 1990+10 TO 1992+40

DESIGNED:	JL
DETAILED:	MM
CHECKED:	AER
APPROVED:	AER
DATE:	04/27/07
BY PROJECT NO.	137522
NWP PROJECT NO.	300187.08
SPEC	05
GP-C403	
SHEET	124 OF 155

Call Two Working Days Before You Dig!

Dig Safely!
1-800-227-2600

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

FD137522
D137522

RECORD DRAWING

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DRAFT

NO.	BY	DATE	REVISIONS AND RECORD OF ISSUE
2	SMI EYB	02/28/11	CONFORMED TO CONSTRUCTION RECORDS
1	BRG AER	05/16/08	REVISED WALL & ADDED SLEEVES FOR UTILITY LINES
0	WFR AER	09/09/07	CONFORMED
0	WFR AER		
0	CK APP		

THIS DRAWING WAS ORIGINALLY APPROVED FOR CONSTRUCTION BY STEVEN N. FOLEY, L.C. BY / ANDREW E. ROYER, A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF CALIFORNIA NO. C37116

DATE: 02/28/11
 DRAWN BY: SMI EYB
 CHECKED BY: BRG AER
 APPROVED BY: WFR AER
 DATE: 09/09/07

CYNET ID: 137522-C-BP2-ED0008D4
 WFR: GP-C404.DWG
 SAVER: TLAJ0081_415/2011_11:11:03 AM
 PLOTTED: TLAJ0081_415/2011_11:11:44 AM
 USER: TLAJ0081 DMB VER: 6.5

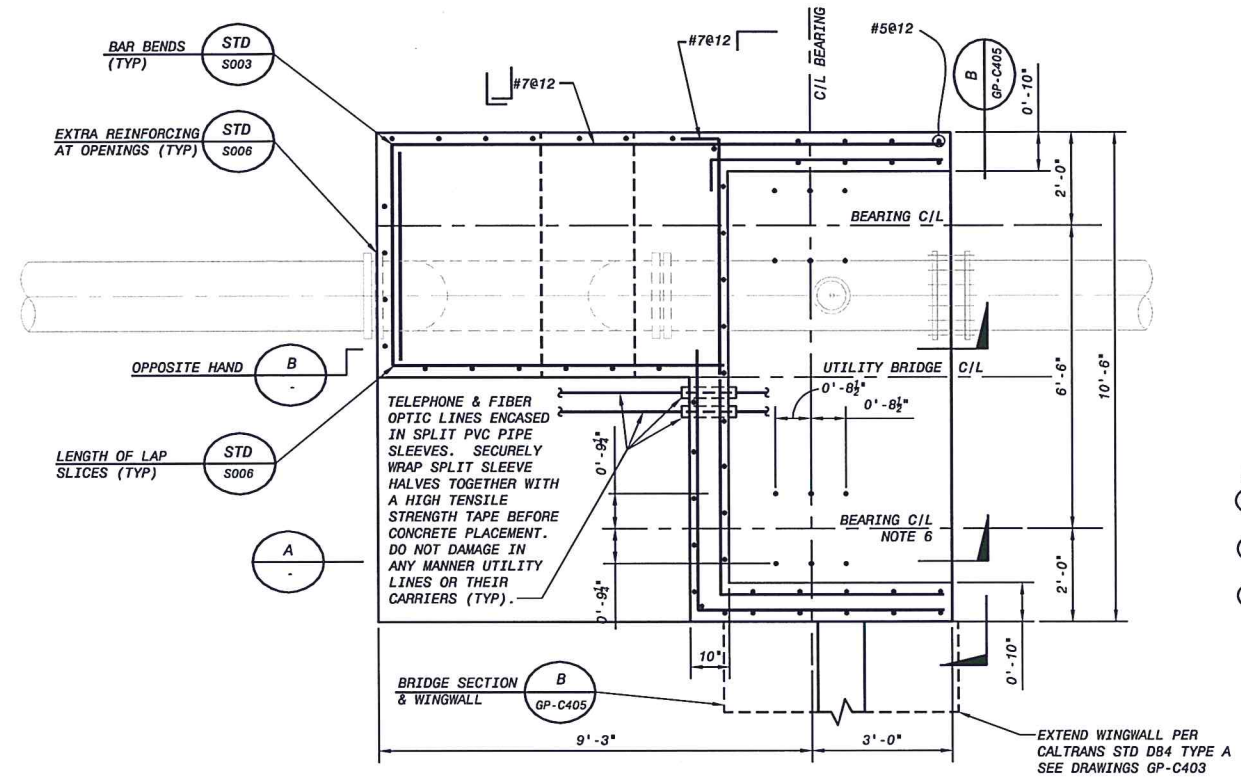
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SANTA MARGARITA BRIDGE
 FOUNDATION DETAILS

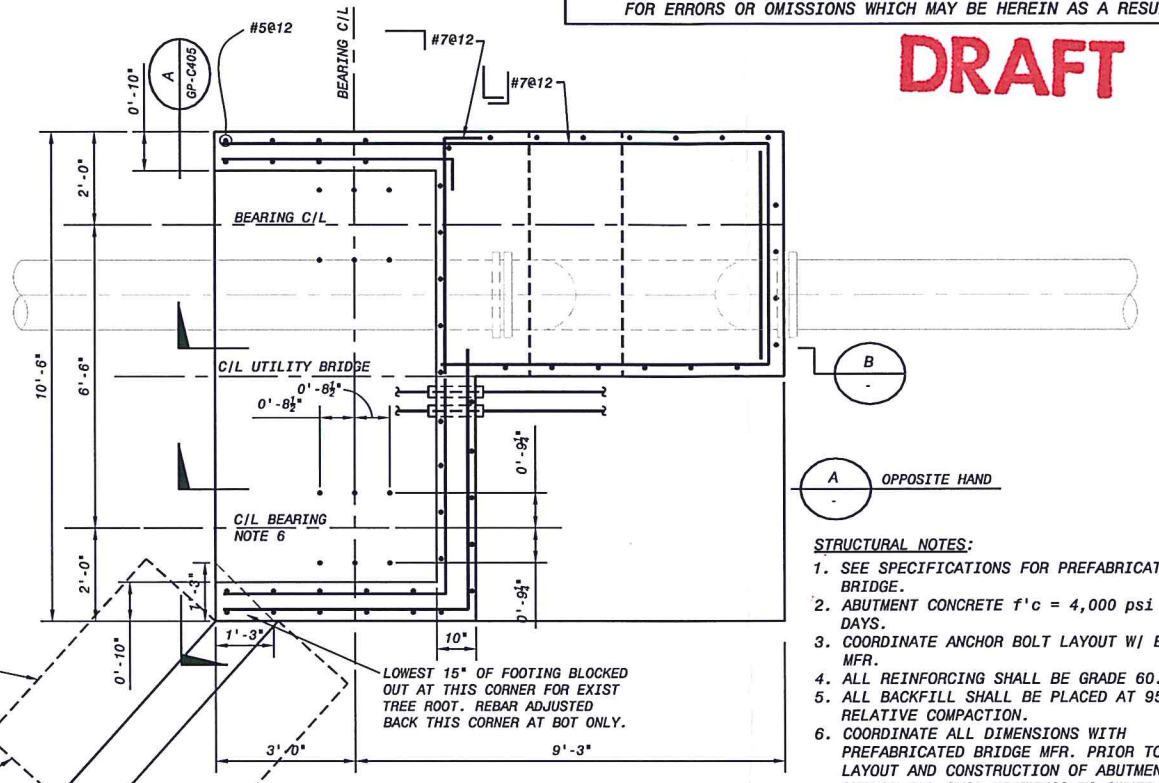
DESIGNED:	JL
DATE:	04/27/07
BY PROJECT NO.	137522
NWP PROJECT NO.	300187.08
SPEC	05
GP-C404	
SHEET	125 OF 155



ABUTMENT #1 PLAN
 SCALE: 1/2"=1'-0"
 (SLIDE SUPPORT)

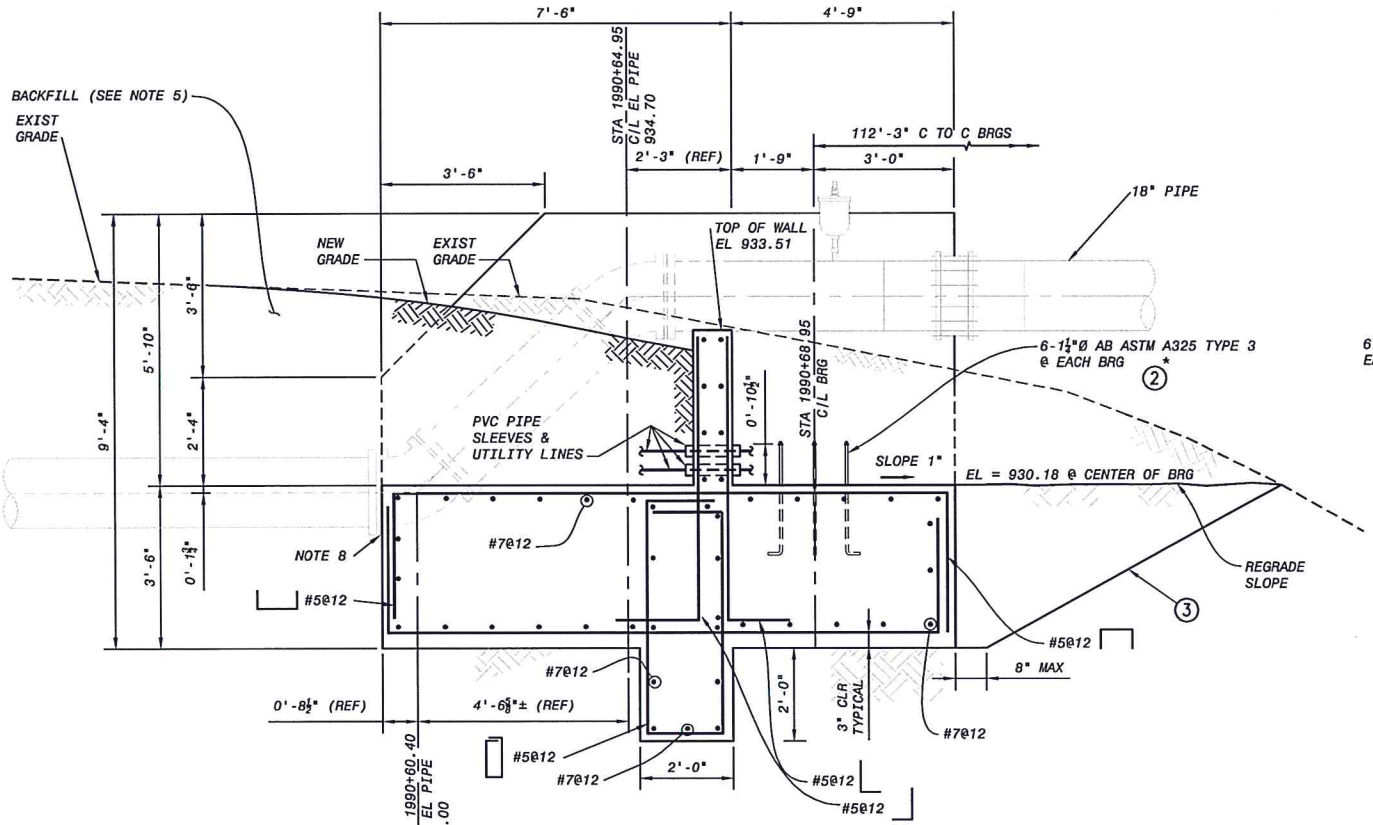
- NOTES:**
- CONTRACTOR TO COORDINATE BRIDGE ANCHORAGE W/ BRIDGE MFR.
 - COORDINATE AB EXTENSION W/ BRIDGE MFR.
 - MAX EXCAVATION SLOPE.

EXTEND WINGWALL PER CALTRANS STD D84 TYPE A SEE DRAWINGS GP-C403

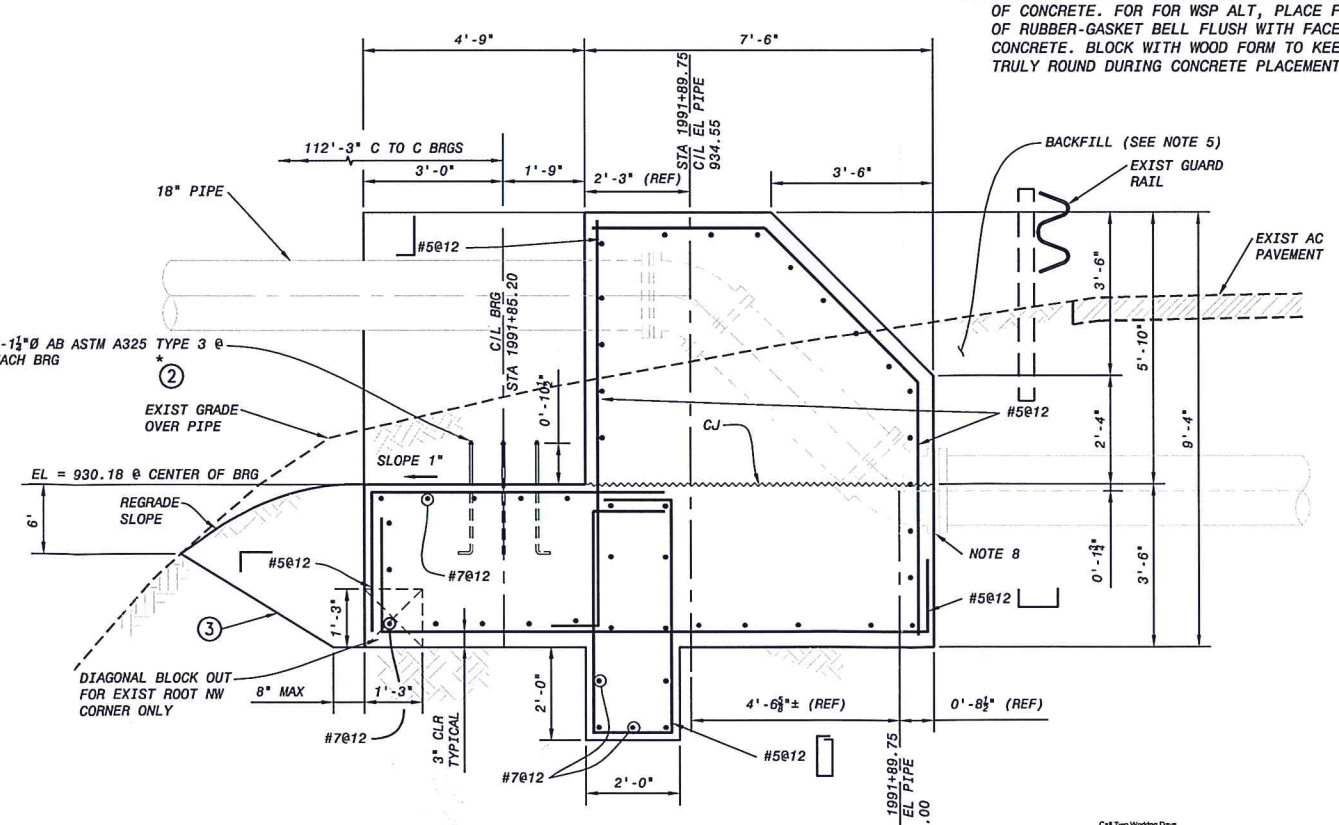


ABUTMENT #2 PLAN
 SCALE: 1/2"=1'-0"
 (FIXED SUPPORT)

- STRUCTURAL NOTES:**
- SEE SPECIFICATIONS FOR PREFABRICATED BRIDGE.
 - ABUTMENT CONCRETE f'c = 4,000 psi @ 28 DAYS.
 - COORDINATE ANCHOR BOLT LAYOUT W/ BRIDGE MFR.
 - ALL REINFORCING SHALL BE GRADE 60.
 - ALL BACKFILL SHALL BE PLACED AT 95% RELATIVE COMPACTION.
 - COORDINATE ALL DIMENSIONS WITH PREFABRICATED BRIDGE MFR. PRIOR TO LAYOUT AND CONSTRUCTION OF ABUTMENTS. SUBMIT ALL SHOP DRAWINGS TO OWNER FOR REVIEW BEFORE ANY WORK IS PERFORMED.
 - WALKWAY GRATING: SEE SPECIFICATIONS
 - STEEL WELDED GRATING (KW-19-4) AS MFR. BY KEMP GRATING OR EQUAL.
 - 1"x3" BEARING BARS (19-4-43)
 - PLACE FACE OF MJ ELBOW FLUSH WITH FACE OF CONCRETE. FOR FOR WSP ALT, PLACE FACE OF RUBBER-GASKET BELL FLUSH WITH FACE OF CONCRETE. BLOCK WITH WOOD FORM TO KEEP TRULY ROUND DURING CONCRETE PLACEMENT.



ABUTMENT #1 SECTION
 SCALE: 1/2"=1'-0"
 (SLIDE SUPPORT)



ABUTMENT #2 SECTION
 SCALE: 1/2"=1'-0"
 (FIXED SUPPORT)

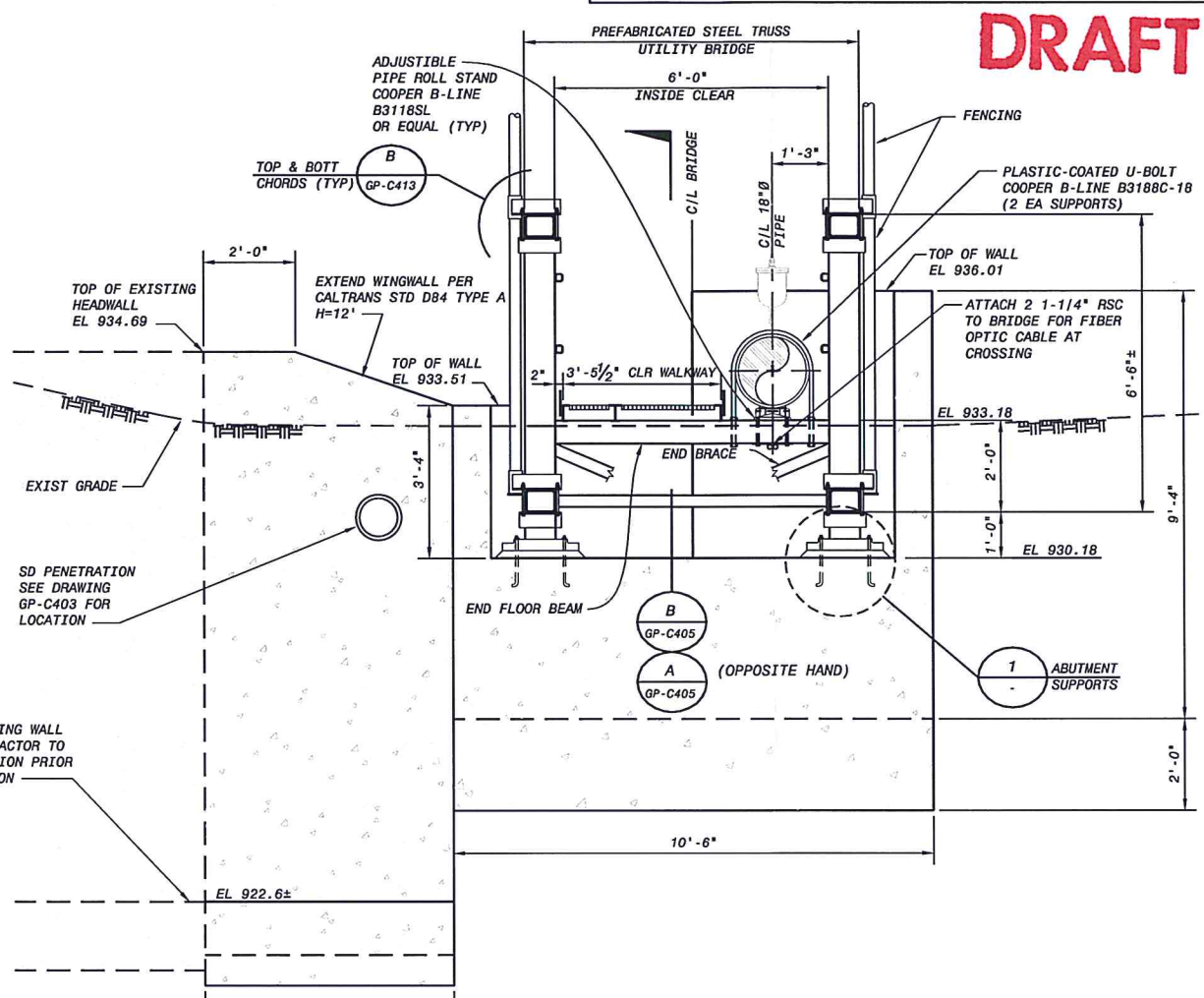
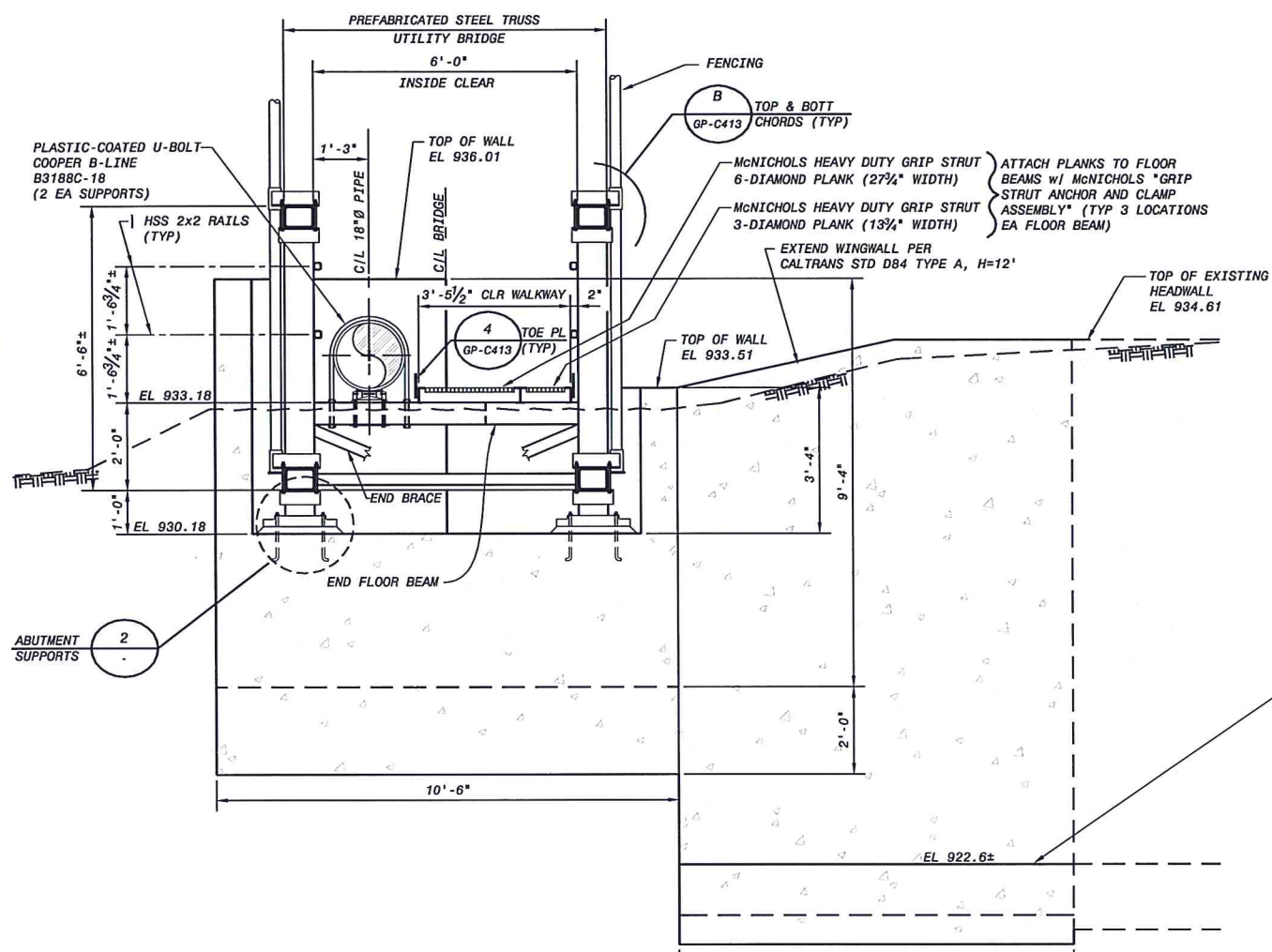
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1-800-227-2600

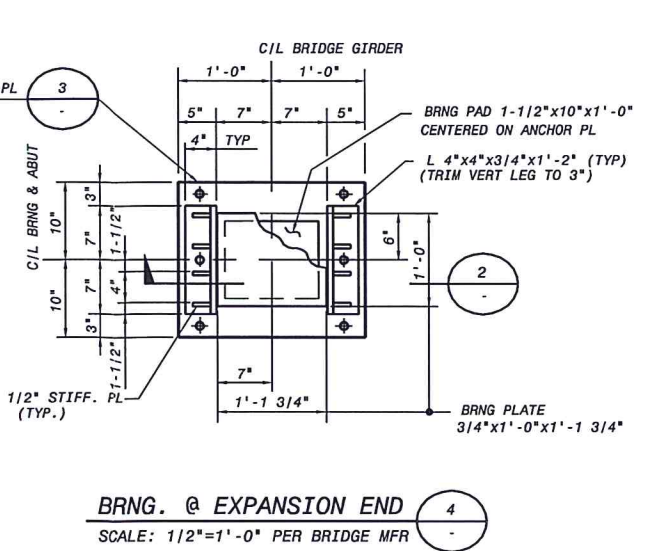
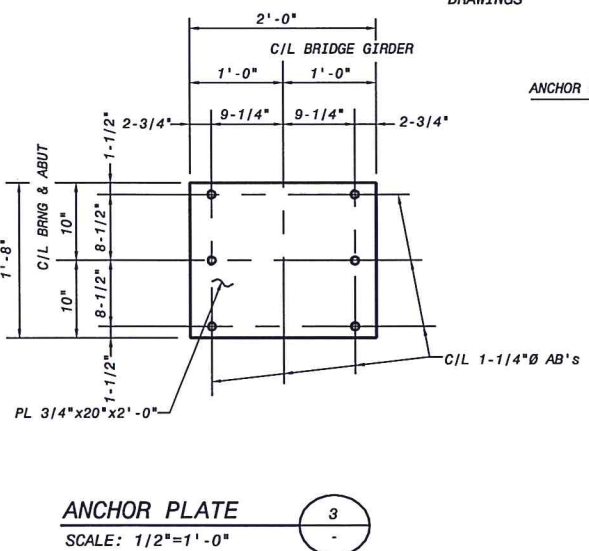
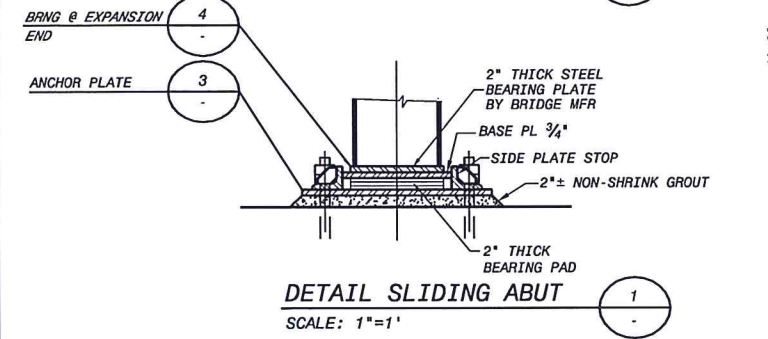
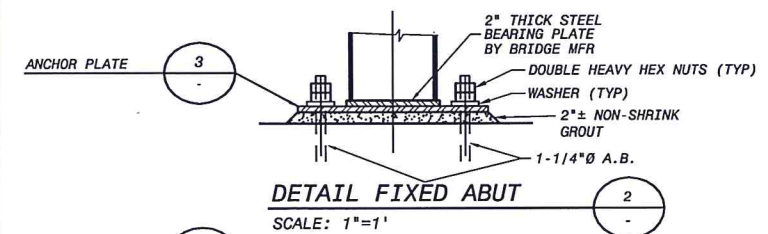
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

RECORD DRAWING
 THIS DRAWING HAS BEEN CONFORMED TO MATCH CONSTRUCTION RECORD
 MARKUPS PROVIDED BY CONTRACTOR. ENGINEER AND/OR DESIGNER HAVE NOT
 VERIFIED ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE
 FOR ERRORS OR OMISSIONS WHICH MAY BE HEREIN AS A RESULT.

DRAFT



- NOTES:**
1. CONTRACTOR SHALL COORDINATE WITH BRIDGE MANUFACTURER PRIOR TO INSTALLATION OF PIPE SUPPORTS.
 2. REMOVABLE GRATING SHALL BE INSTALLED IN AREA OF WALKWAY.
 3. BRIDGE STRUCTURE SHALL CONSIST OF SELF-WEATHERING, LOW ALLOY, ATMOSPHERIC CORROSION RESISTANT TUBE STEEL AND STEEL CONNECTION PLATES. SEE SPECIFICATIONS FOR DESIGN CRITERIA.
 4. COORDINATE BRIDGE CONSTRUCTION WITH CIVIL AND PIPELINE DRAWINGS



NO.	BY	CHK	APP
2	SMI	EVB	CRP
1	DRS	AER	AER
0	WPH	AER	AER
DATE			
NO. OF REVISIONS			
DATE			
DESCRIPTION OF REVISIONS			
DATE			
DRAWN BY			
CHECKED BY			
APPROVED BY			
DATE			
PROJECT NO.			
SHEET NO.			
TOTAL SHEETS			

DESIGNED:	JL
DATE:	04/27/07
CHECKED:	AER
APPROVED:	AER
PROJECT NO.:	137522
PROJECT NO.:	300187.08
SPEC:	05
SHEET:	GP-C405
TOTAL SHEETS:	126 OF 155

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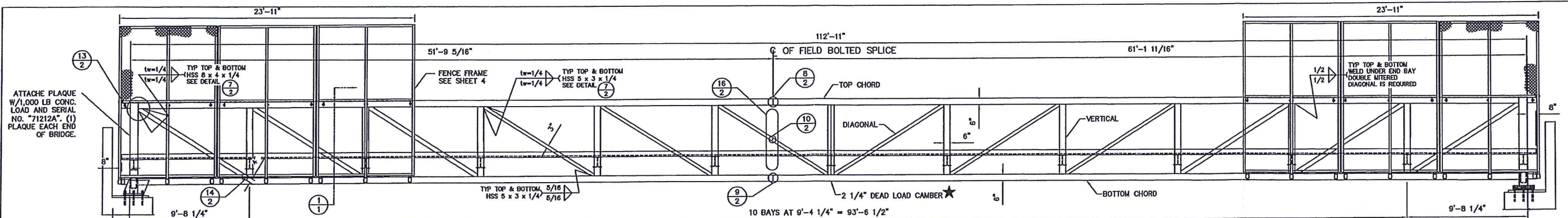
SANTA MARGARITA BRIDGE
 BRIDGE SECTION AND DETAILS

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0 1/2 1

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FD137522
 01/13/2007



BRIDGE ELEVATION

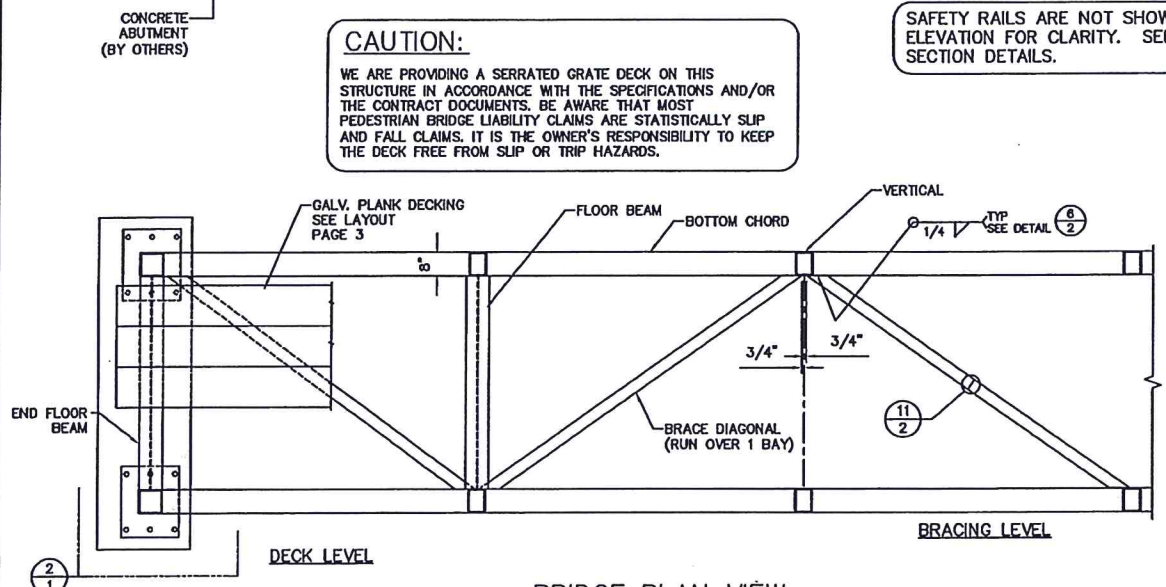
★ SHOP NOTE: HOLD CAMBER, DO NOT EXCEED.

CAUTION:
WE ARE PROVIDING A SERRATED GRATE DECK ON THIS STRUCTURE IN ACCORDANCE WITH THE SPECIFICATIONS AND/OR THE CONTRACT DOCUMENTS. BE AWARE THAT MOST PEDESTRIAN BRIDGE LIABILITY CLAIMS ARE STATISTICALLY SLIP AND FALL CLAIMS. IT IS THE OWNER'S RESPONSIBILITY TO KEEP THE DECK FREE FROM SLIP OR TRIP HAZARDS.

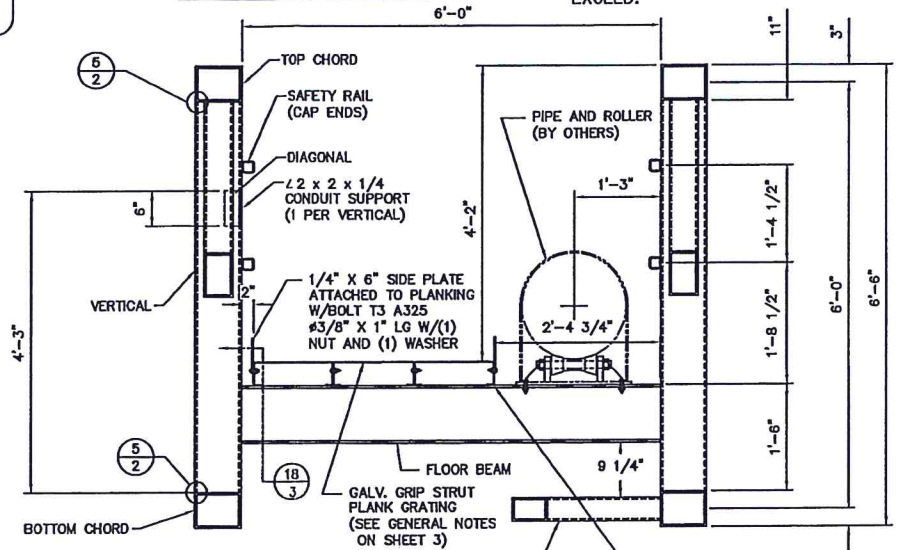
SAFETY RAILS ARE NOT SHOWN IN ELEVATION FOR CLARITY. SEE BRIDGE SECTION DETAILS.

SCHEDULE OF MEMBERS	
TOP CHORD	HSS 8 x 6 x 3/8
BOTTOM CHORD	HSS 8 x 6 x 3/8
END VERTICAL	HSS 8 x 8 x 3/8
VERTICAL	HSS 8 x 6 x 3/8
DIAGONAL	HSS 5 x 3 x 1/4 Δ
BRACE DIAGONAL	HSS 4 x 4 x 1/4
FLOOR BEAM	W 10 X 33
END FLOOR BEAM	W 10 X 33
SAFETY RAIL	HSS 2 x 2 x 3/16

Δ USE HSS 8 x 4 x 1/4 END 3 BAYS ONLY. DOUBLE MITER ALL DIAGONALS.



BRIDGE PLAN VIEW

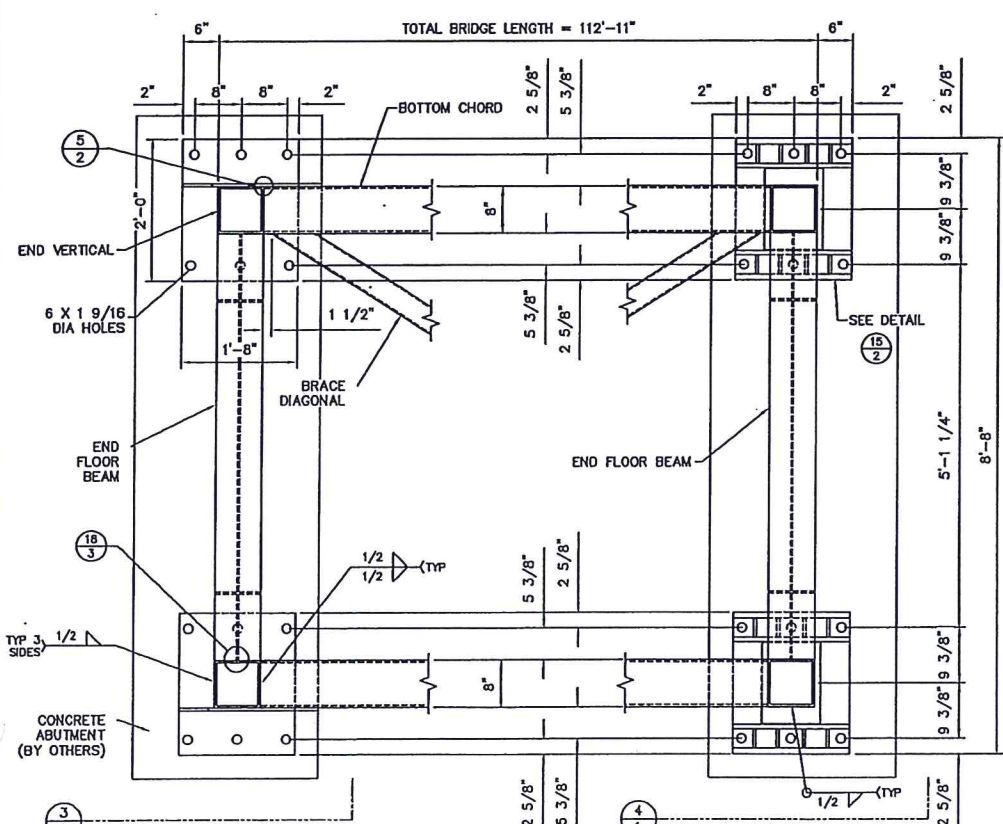


BRIDGE SECTION

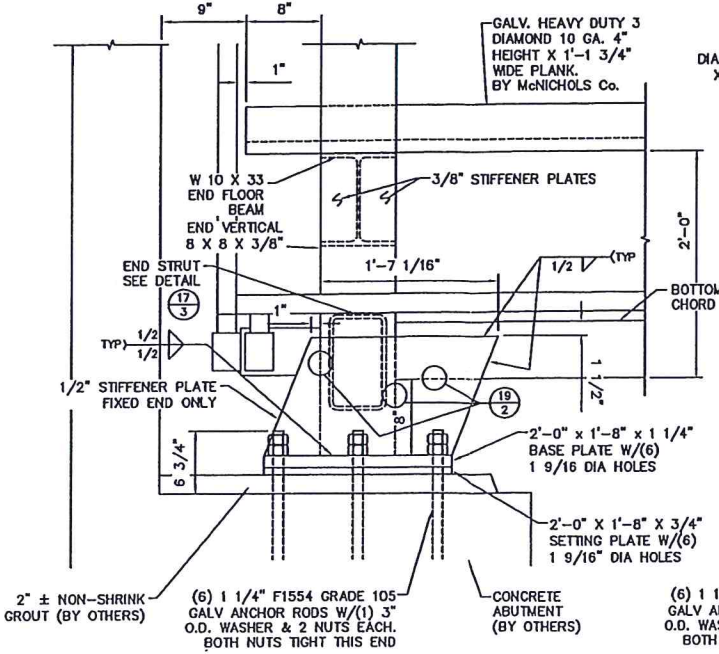
ROLLER SUPPORT PAN SUPPLIED BY CONTRACTOR INSTALLED BY CONTECH BRIDGE.

SHOP NOTE: SEE ENGINEERING PRIOR TO INSTALLING PLANKING.

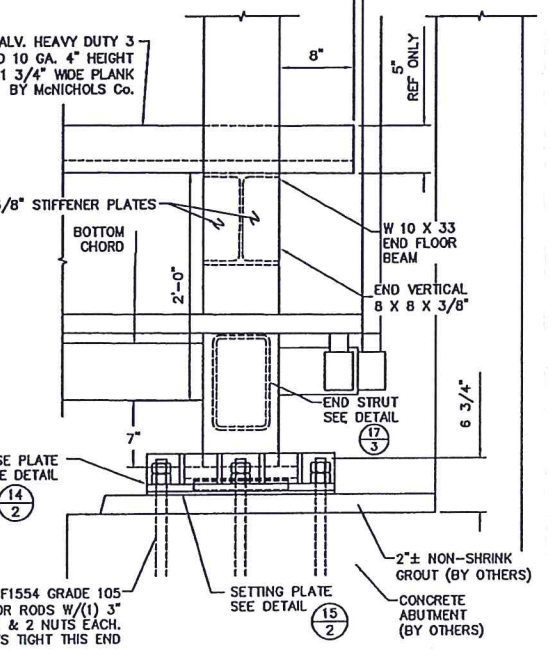
NOTE: PIPE, ROLLERS AND HOLDDOWNS (INCLUDING DESIGN FOR GRAVITY AND SEISMIC LOADS) BY OTHERS. BRIDGE DESIGNED FOR LATERAL SEISMIC AND VERTICAL PIPE LOAD ONLY. STRAPS SHALL BE INSTALLED SO AS TO ALLOW DIFFERENTIAL THERMAL MOVEMENTS BETWEEN PIPE AND BRIDGE.



BEARING PLAN VIEW



FIXED END BEARING ELEVATION



EXPANSION END BEARING ELEVATION

CONTECH
BRIDGE SOLUTIONS INC.
ALEXANDRIA, MN 320-852-7500



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REV. BY:	DATE:	LEVEL:	REVISION:
BAJ	12/11/08	B	REVISED GRATE DECK/ADDED FENCE & SHEET 4
CMA	12/21/07	A	REVISED TOP CHORD SPLICE ADDED STIFFENERS TO EFB

112'-11" X 6'-0"
PIPELINE SOUTH FOR NACIMENTO
PEDESTRIAN BRIDGE
SAN LUIS OBISPO, CA

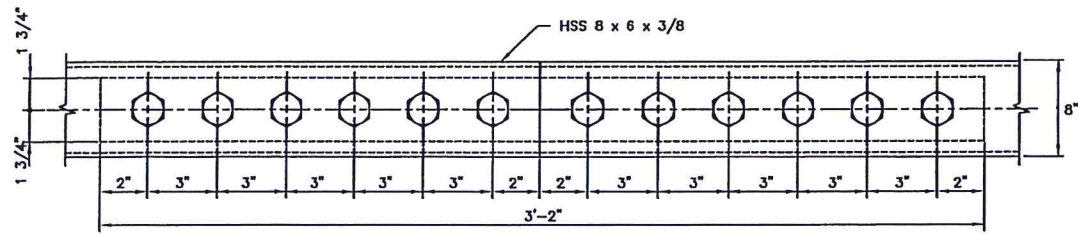


I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA

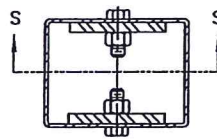
DATE: 12/22/08
REG. NO. 40130

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
DAN	JEW	DAN	SJH

DATE: 12/12/07 SHEET NO. 1 OF 4 JOB # 71212A



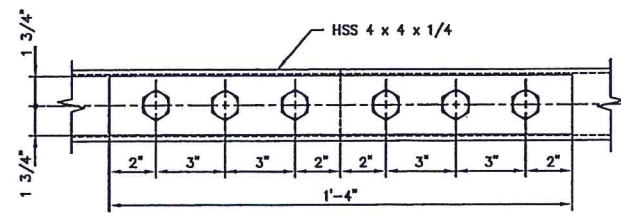
TOP & BOTTOM FACE - AS SHOWN



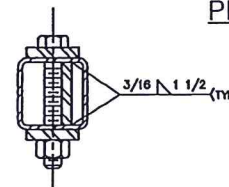
SECTION S-S

TOP CHORD SPLICE

MATERIAL PER SPLICE
 (24) 1" x 2 1/2" LG
 A325 BOLTS AND NUTS (TYPE 3)
 (2) 4" x 1" x 3'-2"
 ASTM A588 PLATES



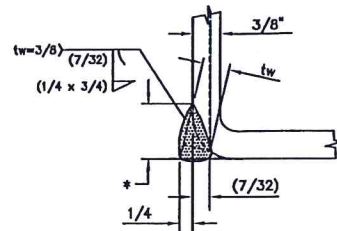
PLAN



BRACE DIAGONAL SPLICE
 T4414B03

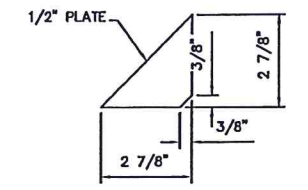
MATERIAL PER SPLICE
 (6) 1" x 6 1/2" LONG
 A325 BOLTS AND NUTS (TYPE 3)
 (2) 3 1/2" x 1/2" x 1'-8"
 ASTM A588 PLATE
 (2) 3 7/16" x 3/8" x 10"
 ASTM A588 PLATE

NOTE: IF THE OUTSIDE RADIUS
 OF THE TUBE IS LESS THAN
 1.5 TIMES THE WALL THICKNESS,
 CONTACT THE ENGINEER FOR
 APPROPRIATE WELD MODIFICATIONS.

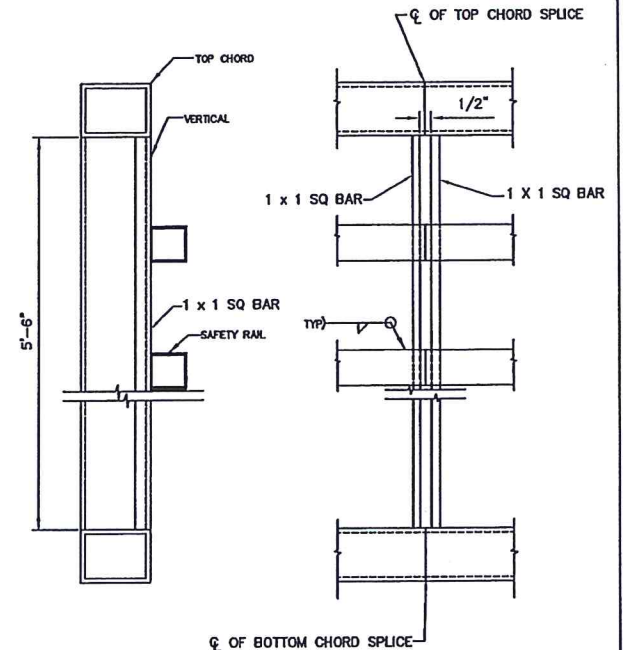


3/8" WALL THICKNESS
 * 3/4" MINIMUM OR AS REQUIRED
 TO FLUSH OUT RADIUS, WHICHEVER
 IS GREATER

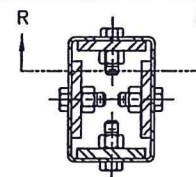
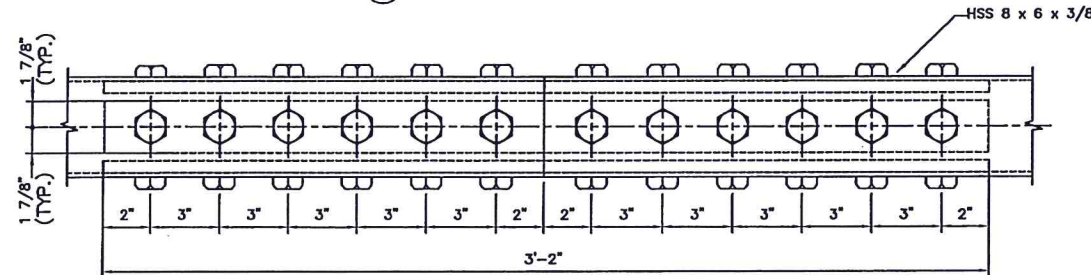
WELD DETAIL



GUSSET PLATE DETAIL



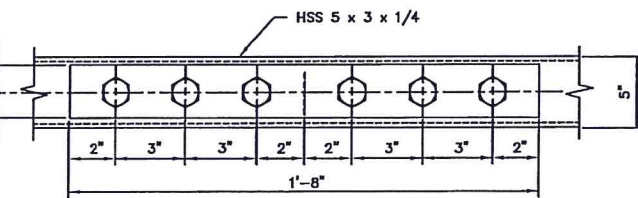
SECTION
 SAFETY RAIL SPLICE



SECTION R-R

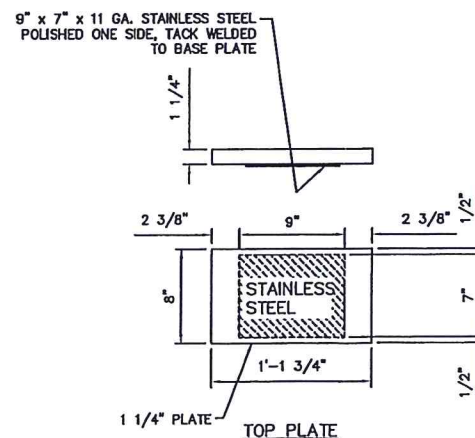
BOTTOM CHORD SPLICE

MATERIAL PER SPLICE
 (48) 1" x 2 1/2" LG
 A325 BOLTS AND NUTS (TYPE 3)
 (4) 3 3/4" x 3/4" x 3'-2"
 ASTM A588 PLATES

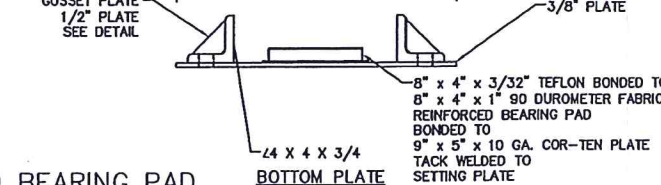
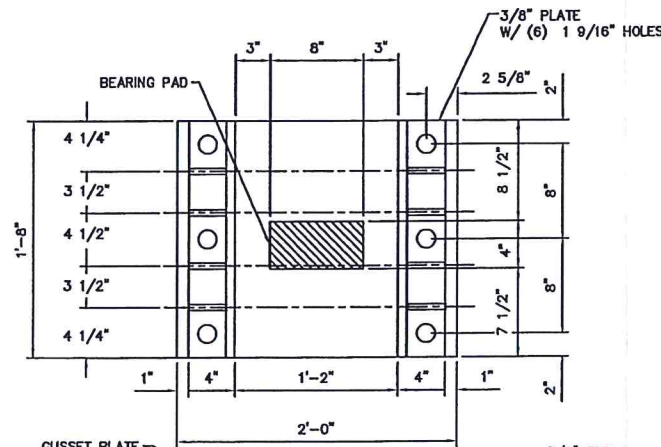


PLAN

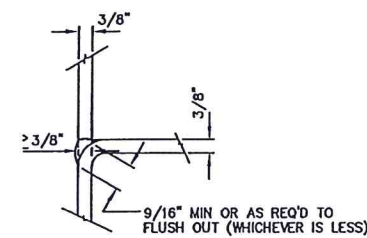
MATERIAL PER SPLICE
 (8) 1" x 5" LONG
 A325 BOLTS AND NUTS (TYPE 3)
 (2) 4" x 3/8" x 1'-8"
 ASTM A588 PLATE
 (2) 2 7/16" x 3/8" x 10"
 ASTM A588 PLATE



EXP. END BEARING PAD

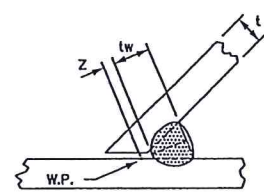


EXP. END BEARING PAD



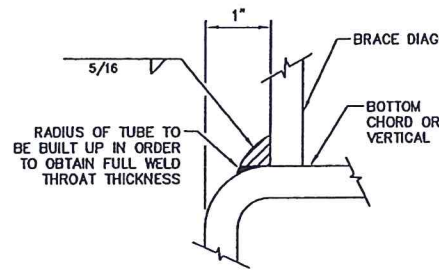
MATCHED EDGES OF:
 1. VERTICALS TO BOTH CHORDS
 2. CHORDS TO END VERTICALS
 TO BE PARTIAL PENETRATION WELDS.

WELD DETAIL

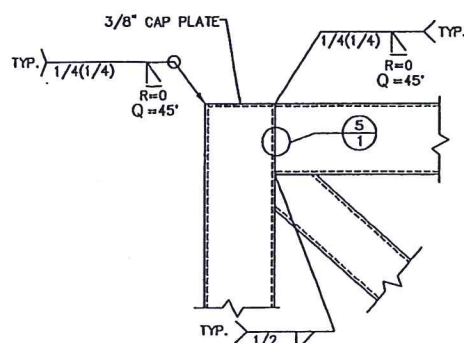


"Z" LOSS DIMENSION TO BE DETERMINED IN
 ACCORDANCE WITH AWS D1.1 - TABLE 2.8

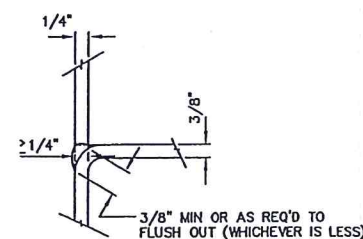
WELD DETAIL



WELD DETAIL



WELD DETAIL



MATCHED EDGES OF HSS 8 x 4 x 1/4
 DIAGONALS TO CHORDS OR VERTICALS
 TO BE PARTIAL PENETRATION WELDS.

WELD DETAIL

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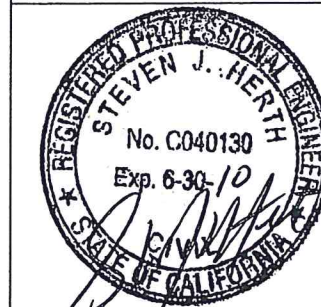
CONTINENTAL
 BRIDGE

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BAJ	12/11/08	B	REVISED GRATE DECK/ADDED FENCE & SHEET 4
CMA	12/21/07	A	REVISED TOP CHORD SPLICE ADDED STIFFENERS TO EPB
REV. BY:	DATE:	LEVEL:	REVISION:

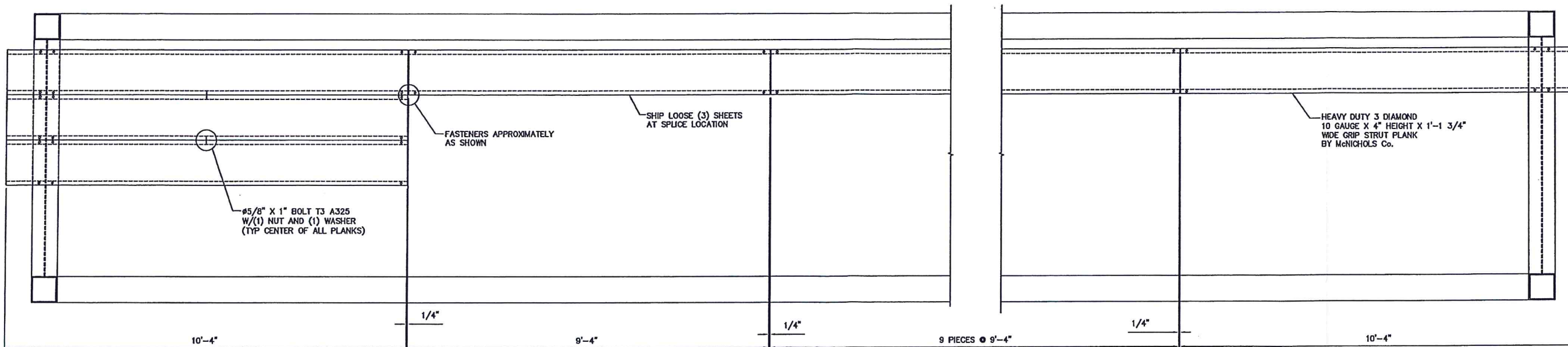
112'-11" X 6'-0"
 PIPELINE SOUTH FOR NACIMIENTO
 PEDESTRIAN BRIDGE
 SAN LUIS OBISPO, CA



I HEREBY CERTIFY THAT THIS PLAN
 WAS PREPARED BY ME OR UNDER MY
 DIRECT SUPERVISION AND THAT I AM
 A DULY REGISTERED PROFESSIONAL
 ENGINEER UNDER THE LAWS OF THE
 STATE OF CALIFORNIA

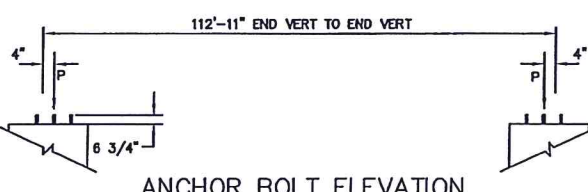
DATE: 12/22/08
 REG. NO. 40130

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
DAN	JEW	DAN	SJH
DATE:	SHEET NO.	OF	JOB #
12/12/07	2	4	71212A

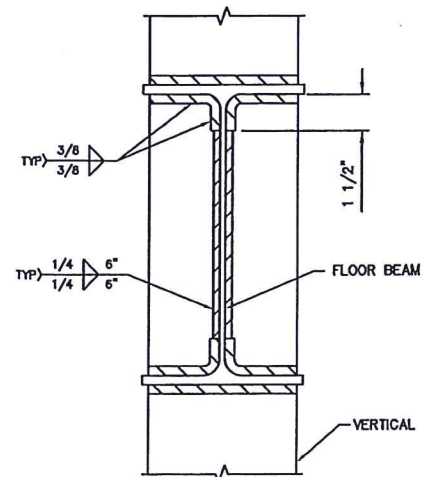


GRIP STRUT PLANK LAYOUT
 (30) PCS AT 9'-4" x 1'-1 3/4"
 (6) PCS AT 10'-4" x 1'-1 3/4"

NOTE:
 THIS BRIDGE HAS BEEN DESIGNED FOR SEISMIC FORCES BASED ON THE STATIC FORCE PROCEDURE IN THE 2001 CALIFORNIA BUILDING CODE. THE DESIGN BASE SHEAR LOAD (39% OF DEAD LOAD PLUS PIPE) WAS BASED ON A SEISMIC ZONE 4 (Z=0.4), SOIL TYPE S_c, C_a = 0.40 AND AN R VALUE OF 2.2. IT SHALL BE THE RESPONSIBILITY OF THE FOUNDATION ENGINEER TO DETERMINE THE FORCES WHICH ARE USED FOR FOUNDATION DESIGN, VERIFICATION OF ANCHOR BOLT SIZES, AND DESIGN OF ANCHOR BOLT EMBEDMENTS IN THE FOUNDATION. THESE FORCES ARE DETERMINED BASED ON LOCAL SITE CONDITIONS, THE FOUNDATION SYSTEM USED, AND THE BRIDGE DEAD LOAD PLUS PIPE LOAD.



ANCHOR BOLT ELEVATION



FLOOR BEAM/END FLOOR BEAM WELD DETAIL

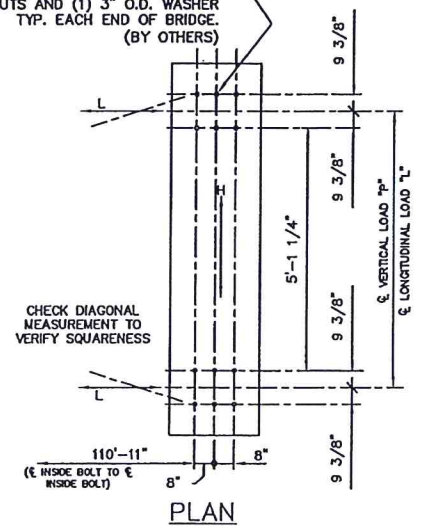
GENERAL NOTES

- DESIGN STRESSES ARE IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" & "GUIDE SPECIFICATIONS FOR DESIGN OF PEDESTRIAN BRIDGES" BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO), LATEST EDITIONS.
- ALL MATERIAL FABRICATED FROM HIGH STRENGTH STEEL, ASTM A500 GRADE C OR ASTM A847 STRUCTURAL TUBING (F_y=50,000 PSI), ASTM A588, OR ASTM A572 (F_y=50,000 PSI), OR A36 (F_y=36,000 PSI) STRUCTURAL STEEL SHAPES AND PLATES.
- BRIDGE DECKING TO BE HEAVY DUTY GRIP STRUT GALVANIZED PLANK GRATING. 4" HEIGHT X 13 3/4" WIDE 3-DIAMOND 10 GA. SERRATED AS MANUFACTURED BY McNICHOLS CO.
- THE GAS METAL ARC WELDING PROCESS OR FLUX CORED ARC WELDING PROCESS WILL BE USED.
- ALL TOP AND BOTTOM CHORD SHOP SPLICES TO BE COMPLETE PENETRATION TYPE WELDS. WELD BETWEEN TOP CHORD AND END VERTICAL SHALL BE AS DETAILED.
- UNLESS OTHERWISE NOTED, WELDED CONNECTIONS SHALL BE FILLET WELDS (OR HAVE THE EFFECTIVE THROAT OF A FILLET WELD) OF A SIZE EQUAL TO THE THICKNESS OF THE LIGHTEST GAGE MEMBER IN THE CONNECTION. WELDS SHALL BE APPLIED AS FOLLOWS:
 - BOTH ENDS OF VERTICALS (EXCEPT AS NOTED), DIAGONALS, AND FLOOR BEAMS SHALL BE WELDED ALL AROUND.
 - BRACE DIAGONALS WILL BE WELDED ALL AROUND.
 - MISCELLANEOUS NON-STRUCTURAL MEMBERS WILL BE SEAL WELDED TO THEIR SUPPORTING MEMBERS.
- BRIDGE DESIGN WAS ONLY BASED ON COMBINATIONS OF THE FOLLOWING LOADS WHICH WILL PRODUCE MAXIMUM CRITICAL MEMBER STRESSES.
 - 85 PSF UNIFORM LIVE LOADING ON THE FULL WALKWAY AREA OR ONE 1,000 POUND CONCENTRATED LOAD DISTRIBUTED ON ANY 2.5' x 2.5' AREA OF THE WALKWAY. THE CONCENTRATED LOAD SHALL BE LOCATED SO AS TO PRODUCE THE MAXIMUM STRESS IN EACH MEMBER, INCLUDING DECKING.
 - 35 PSF WIND LOAD ON THE FULL HEIGHT OF THE BRIDGE, AS IF ENCLOSED.
 - 20 PSF UPWARD FORCE APPLIED AT THE WINDWARD QUARTER POINT OF THE TRANSVERSE BRIDGE WIDTH (AASHTO 3.15.3).
 - SEISMIC ZONE 4 PER CBC 2001 COMBINED WITH DEAD LOAD PLUS PIPE LOAD.
 - 225 PLF PIPE LOAD, INCLUDING FLUID, PLUS 100 PLF FENCE LOAD ON ENDS. 24'-0" OF EACH TRUSS (TYP BOTH ENDS).
- CLEANING: ALL EXPOSED SURFACES OF STEEL SHALL BE CLEANED IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL SURFACES PREPARATION SPECIFICATIONS NO. 6 COMMERCIAL BLAST CLEANING. SSPC-SP6-LATEST EDITION.
- PAINTING: ONE (1) COAT DC236K BAR RUST SURFACE TOLERANT EPOXY PRIMER, AS MANUFACTURED BY THE DEVCO COMPANY. COLOR TO BE GRAY, 4:1 MIX RATIO AT 4-8 MILS DFT. ONE (1) TOP COAT DC378K DEVTHANE ALIPHATIC URETHANE S/G AT 2-3 MILS DFT. AS MANUFACTURED BY THE DEVCO COMPANY. COLOR TO BE DETERMINED BY OWNER. BRIDGE SHALL BE PROVIDED WITH TOUCH-UP PAINT FOR AFTER ERECTION. TOUCH-UP PAINTING INCLUDES ANY AND ALL PAINTING REQUIRED AFTER THE STRUCTURE REACHES THE SITE AND IS THE RESPONSIBILITY OF THE ERECTOR. THIS PAINTING SHALL INCLUDE, BUT MAY NOT BE LIMITED TO THE FOLLOWING AREAS.
 - ANY AREAS DAMAGED DUE TO SHIPPING, HANDLING AND ERECTION OF THE BRIDGE.
 - BOLT HEADS AND EXPOSED AREAS OF BOLTS AND NUTS AS APPLICABLE.
 - UN GALVANIZED ANCHOR BOLTS IF NOT MADE OF CORROSION RESISTANT STEEL.
 - IF APPLICABLE, SMALL AREAS (0"-2" EACH SIDE) AROUND BOLTED FIELD SPLICES, DESIGNED AS "SLIP CRITICAL" WHERE ONE OR ALL PAINT COATS MAY BE REQUIRED TO BE LEFT OFF THE FAYING SURFACES OF THESE CONNECTIONS.

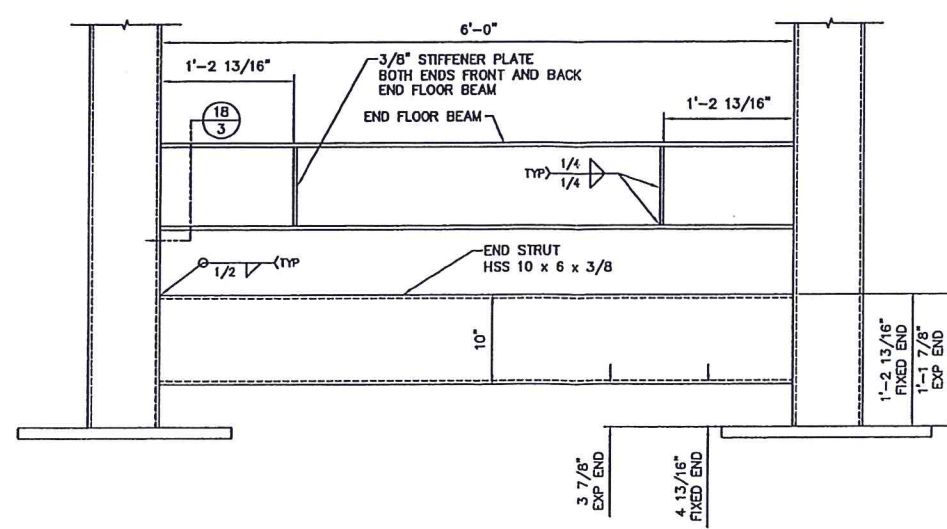
COMBINE REACTIONS AS PER LOCAL OR GOVERNING BUILDING CODES AS REQUIRED

BRIDGE REACTIONS	+ DOWNWARD LOAD - UPWARD LOAD		
	P (LBS)	H (LBS)	L (LBS)
DEAD LOAD	11,000		
UNIFORM LIVE LOAD	11,200		
CONCENTRATED LOAD	1,000		
PIPE LOAD	13,000		
WIND UPLIFT 20 PSF		WINDWARD -6,215	LEEWARD -2,071
WIND	±13,720	17,885	
THERMAL			5,800
SEISMIC			SEE NOTE

(12) #1 1/4" ASTM F1554 GRADE 105 GALV. ANCHOR RODS W/(2) NUTS AND (1) 3" O.D. WASHER EACH. TYP. EACH END OF BRIDGE. (BY OTHERS)



PLAN



END DETAIL

"P" - VERTICAL LOAD EACH BASE PLATE (4 PER BRIDGE)
 "H" - HORIZONTAL LOAD EACH FOOTING (2 PER BRIDGE)
 "L" - LONGITUDINAL LOAD EACH BASE PLATE (4 PER BRIDGE)

- BRIDGE LIFTING WEIGHT: 44,000 LBS
- BRIDGE FINAL WEIGHT: 70,000 LBS

- DOES NOT INCLUDE PIPE LOADS.
- DOES INCLUDE PIPE LOADS.

CONTECH
 BRIDGE SOLUTIONS INC.
 ALEXANDRIA, MN 320-852-7500

QUALITY MAJOR BRIDGES
AISC
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CONTINENTAL BRIDGE

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BAJ	12/11/08	B	REVISED GRATE DECK/ADDED FENCE
CMA	12/21/07	A	REVISED TOP CHORD SPLICE ADDED STIFFENERS TO EFB
REV. BY:	DATE:	LEVEL:	REVISION:

112'-11" X 6'-0"
 PIPELINE SOUTH FOR NACIMIENTO
 PEDESTRIAN BRIDGE
 SAN LUIS OBISPO, CA

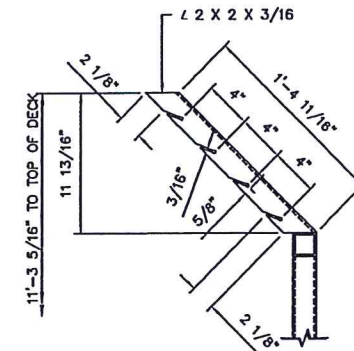
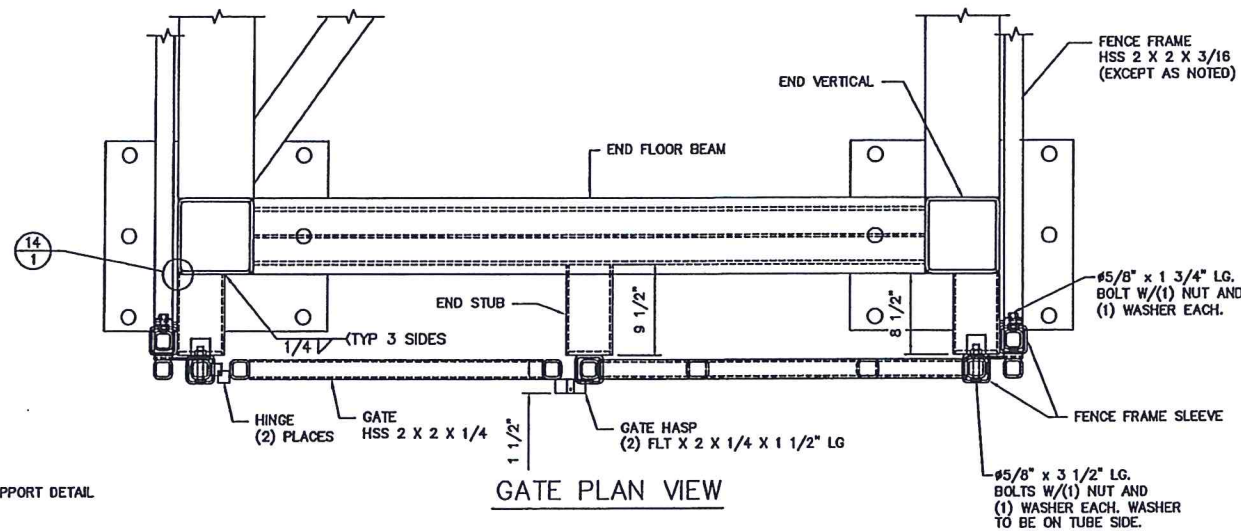
REGISTERED PROFESSIONAL ENGINEER
STEVEN J. HERTH
 No. C040130
 Exp. 6-30-10
 STATE OF CALIFORNIA

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA

DATE: 12/22/08

REG. NO. 40130

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
DAN	JEW	DAN	SJH
DATE:	SHEET NO.	OF	JOB #
12/12/07	3	4	71212A

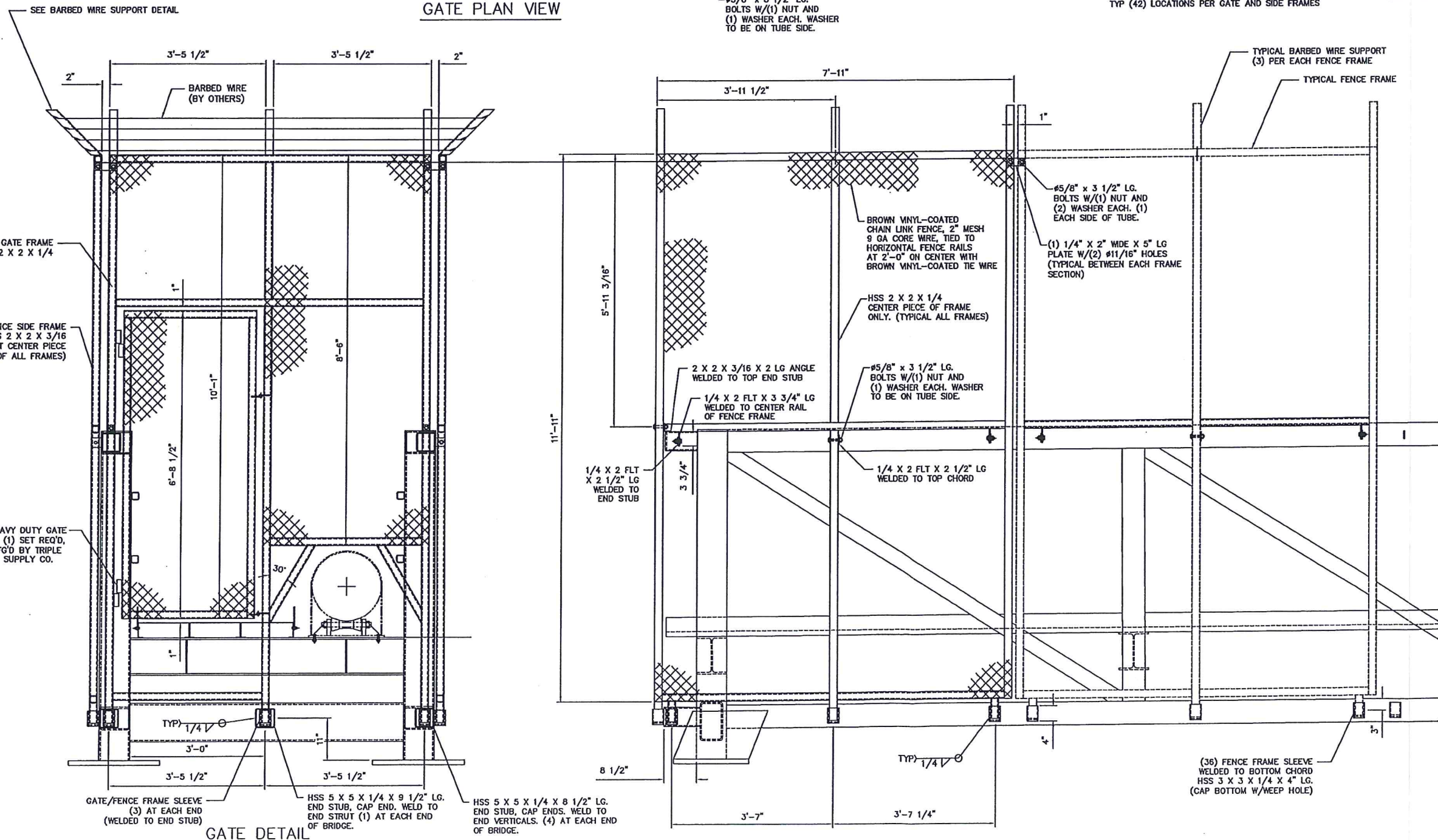


SHOP NOTE: CAP ALL OPEN ENDS OF FENCE FRAME AND GATE FRAME.

CONTRACTOR NOTE: DAMAGE THREADS ON GATE ATTACHMENT BOLTS TO PREVENT REMOVAL.

SHOP NOTE: ALL FENCE FRAMES AND GATES TO BE SHIPPED LOOSE AND INSTALLED BY OTHERS.

BARBED WIRE SUPPORT DETAIL
TYP (42) LOCATIONS PER GATE AND SIDE FRAMES



GATE DETAIL
BUILD (1) AS SHOWN AND (1) OPPOSITE.
TYPICAL EACH END OF BRIDGE

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CONTINENTAL
BRIDGE

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REV. BY:	DATE:	LEVEL:	REVISION:
BAJ	12/11/08	B	REVISED GRATE DECK/ADDED FENCE & SHEET 4
CMA	12/21/07	A	REVISED TOP CHORD SPLICE ADDED STIFFENERS TO EFB

112'-11" X 6'-0"
PIPELINE SOUTH FOR NACIMENTO
PEDESTRIAN BRIDGE
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DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
DAN	JEW	DAN	SJH
DATE: 12/12/07	SHEET NO. 4 OF 4	JOB # 71212A	