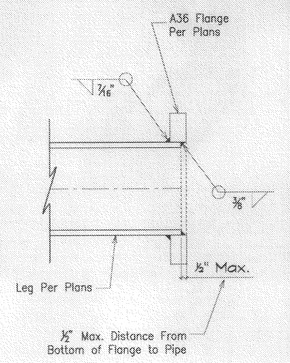
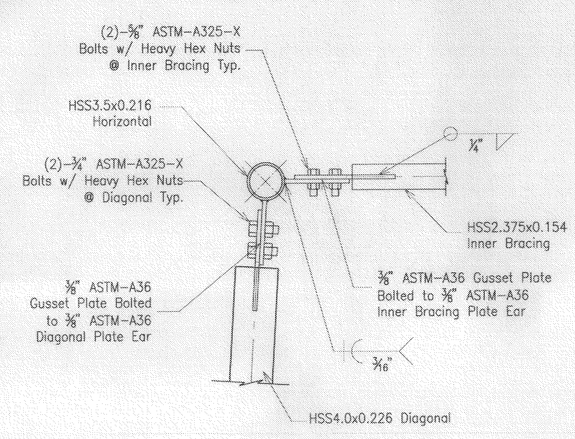


CUT SECTION

TYPICAL

Flange Con. 15

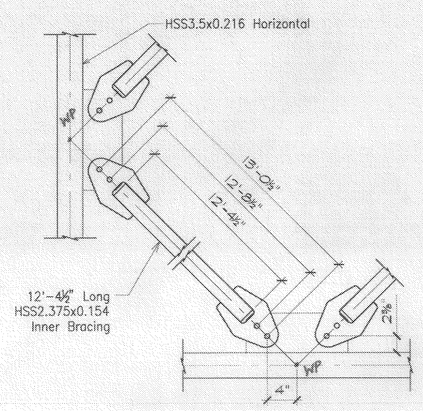
Scale : N.T.S.



NOTE: NOT Drawn to Correct Angle for Clarity

Inner Bracing/Diag. to Horiz. 1

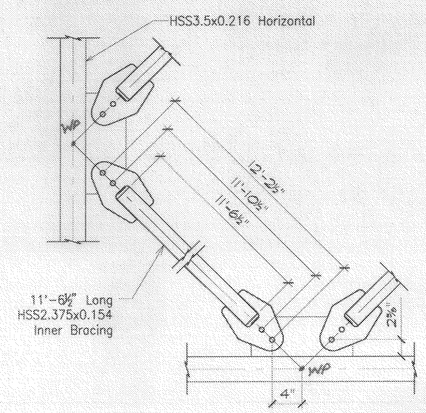
Scale : 1-1/2" = 1'-0"



See Detail 7/A1.1 for Specifications

Lower Inner Bracing Dim. 2

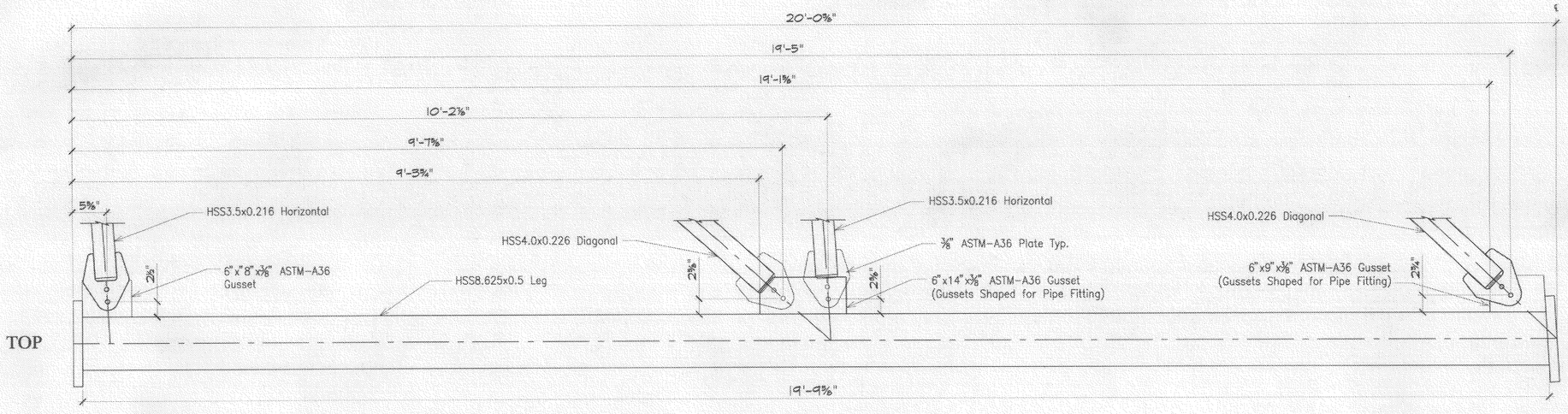
Scale : 1" = 1'-0"



See Detail 7/A1.1 for Specifications

Upper Inner Bracing Dim. 3

Scale : 1" = 1'-0"

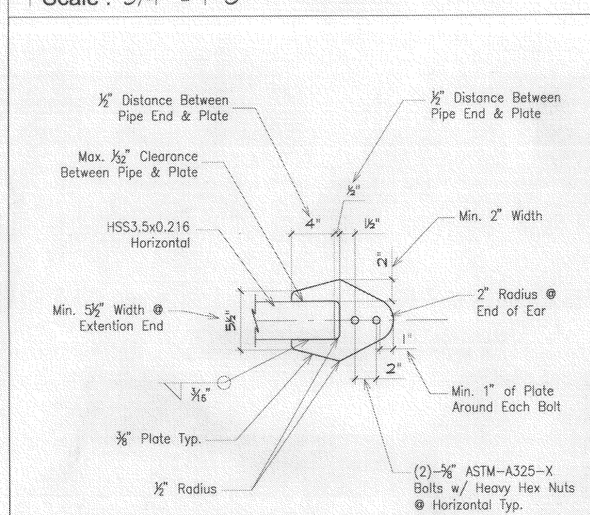


Leg Dimensioned 4

Scale : 3/4" = 1'-0"

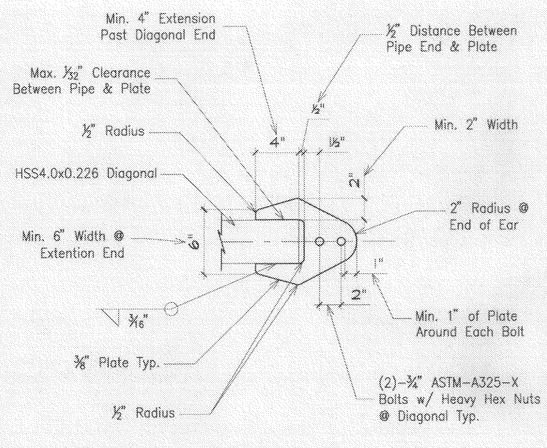
Materials

Amount		Description	Location
4	Ea.	19'-9⅝" Leg, HSS8.625x0.5	Sheet A1.2 #4
8	Ea.	12'-3" Diagonal Brace, HSS4.0x0.226	Sheet A1.2 #8
8	Ea.	11'-10" Diagonal Brace, HSS4.0x0.226	Sheet A1.2 #6
4	Ea.	17'-11" Horizontal Brace, HSS3.5x0.216	Sheet A1.2 #7
4	Ea.	16'-9" Horizontal Brace, HSS3.5x0.216	Sheet A1.2 #5
4	Ea.	12'-4½" Inner Brace, HSS2.375x0.154	Sheet A1.2 #2
4	Ea.	11'-6½" Inner Brace, HSS2.375x0.154	Sheet A1.2 #3
8	Ea.	6"x9"x⅜" Diag. Ear Gusset, A36 Plate	Sheet A1.2 #10
8	Ea.	6"x14"x⅜" Horiz./Diag. Ear Gusset, A36 Plate	Sheet A1.2 #12
8	Ea.	6"x8"x⅜" Horiz. Ear Gusset, A36 Plate	Sheet A1.2 #14
8	Ea.	6"x16"x⅜" Diag./Diag.-Horiz. Ear Gusset, A36 Plate	Sheet A1.1 #6
8	Ea.	5½"x14"x⅜" Inner Bracing Ear Gusset, A36 Plate	Sheet A1.1 #7
16	Ea.	Horiz. Ear, A36 Plate	Sheet A1.2 #13
32	Ea.	Diag. Ear, A36 Plate	Sheet A1.2 #11
16	Ea.	Inner Bracing Ear, A36 Plate	Sheet A1.2 #9
4	Ea.	Top Flange	Sheet A1.1 #4
4	Ea.	Base Flange	Sheet A1.1 #5
32	Ea.	¾" Bolt, ASTM A325-X Heavy Hex x 3"	Sheet A1.1 #8
32	Ea.	¾" Nut, A325-X Heavy Hex 2h	Sheet A1.1 #8
64	Ea.	⅝" Bolt, ASTM A325-X Heavy Hex x 2½"	Sheet A1.1 #9
64	Ea.	⅝" Nut, A325-X Heavy Hex 2h	Sheet A1.1 #9



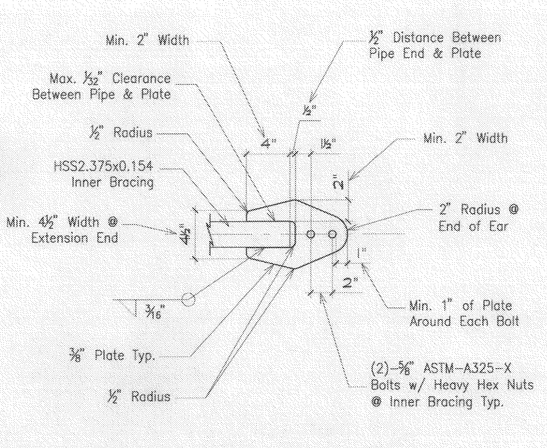
Horizontal Plate Ear 13

Scale : 1-1/2" = 1'-0"



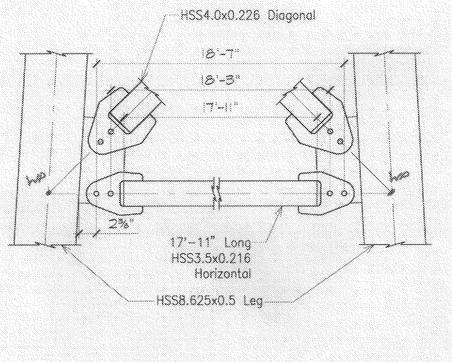
Diagonal Plate Ear 11

Scale : 1-1/2" = 1'-0"



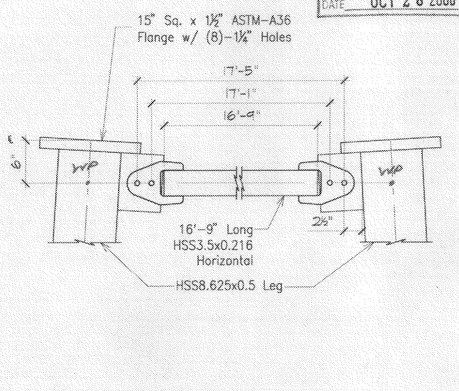
Inner Bracing Plate Ear 9

Scale : 1-1/2" = 1'-0"



Lower Horizontal Dimensioned 7

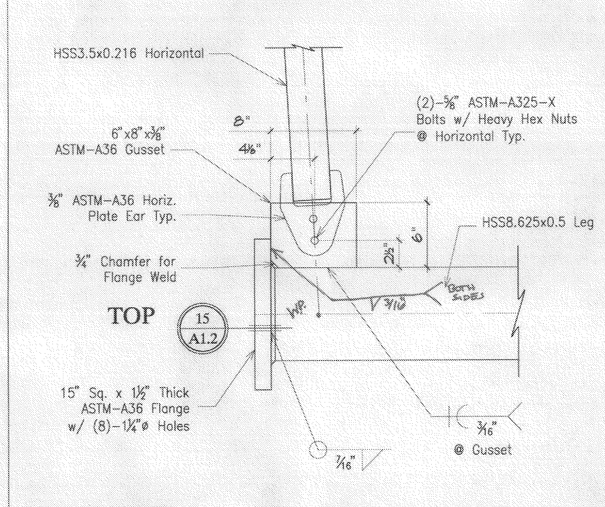
Scale : 1" = 1'-0"



Upper Horizontal Dimensioned 5

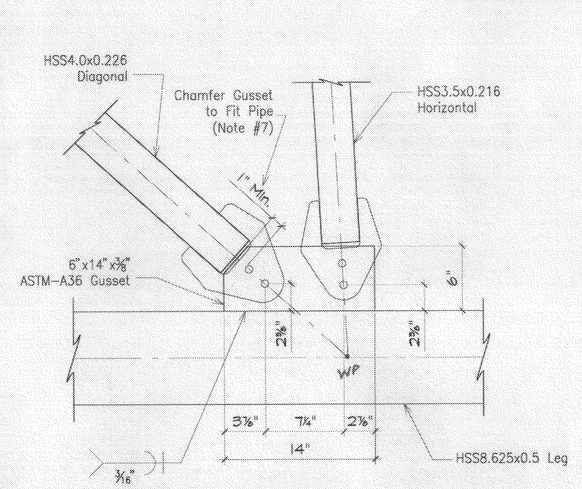
Scale : 1" = 1'-0"

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 109636
AC SS CS RM
DATE OCT 28 2008



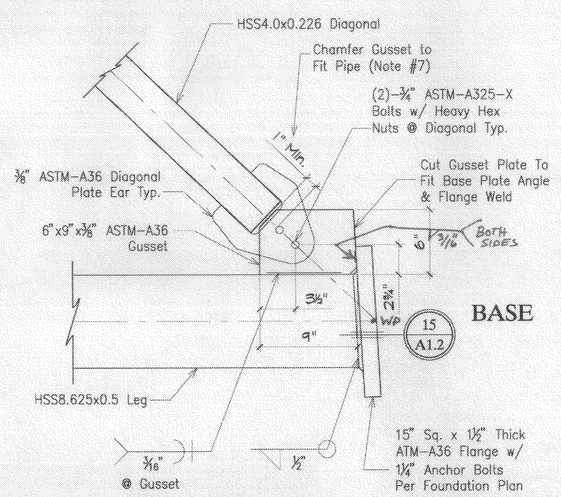
Horizontal, Gusset Connection 14

Scale : 1" = 1'-0"



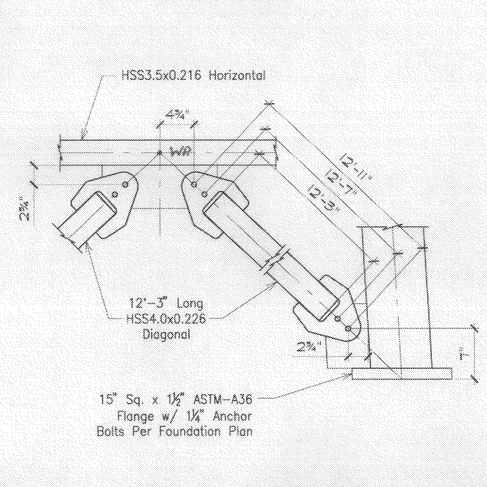
Diag. & Horiz., Gusset Con. 12

Scale : 1" = 1'-0"



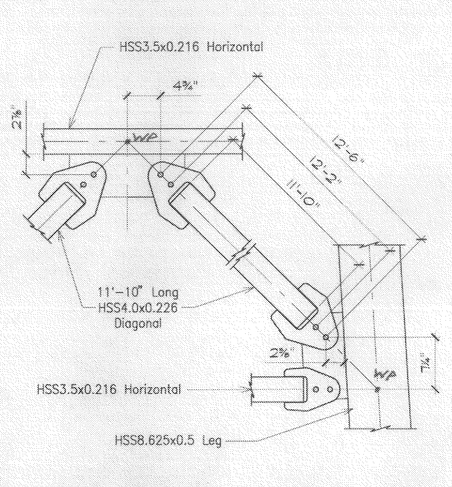
Diagonal, Gusset Connection 10

Scale : 1" = 1'-0"



Lower Diagonal Dimensioned 8

Scale : 1" = 1'-0"



Upper Diagonal Dimensioned 6

Scale : 1" = 1'-0"

PROJECT

INLAND EMPIRE TMC
Caltrans
CHP
DISTRICT 8 / INLAND DIVISION

1.3892 VICTORIA STREET
FONTANA, CA 92336

CLIENT

DGS

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REAL ESTATE SERVICES DIVISION
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SACRAMENTO, CA 95814
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STATUS

OCT. 27, 2008

ISSUE

MARK	DATE	DESCRIPTION

PROJECT NO: 00000000.0000
DRAWN BY:
CHECKED BY:

STAMP

LICENSED ARCHITECT
KENT F. ROGERS
No. C-20554
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
ROGER S. OLIVA
No. 59206
Reg. 4/2015
CIVIL
STATE OF CALIFORNIA

SHEET TITLE

T-21B ASSEMBLY

A1.2