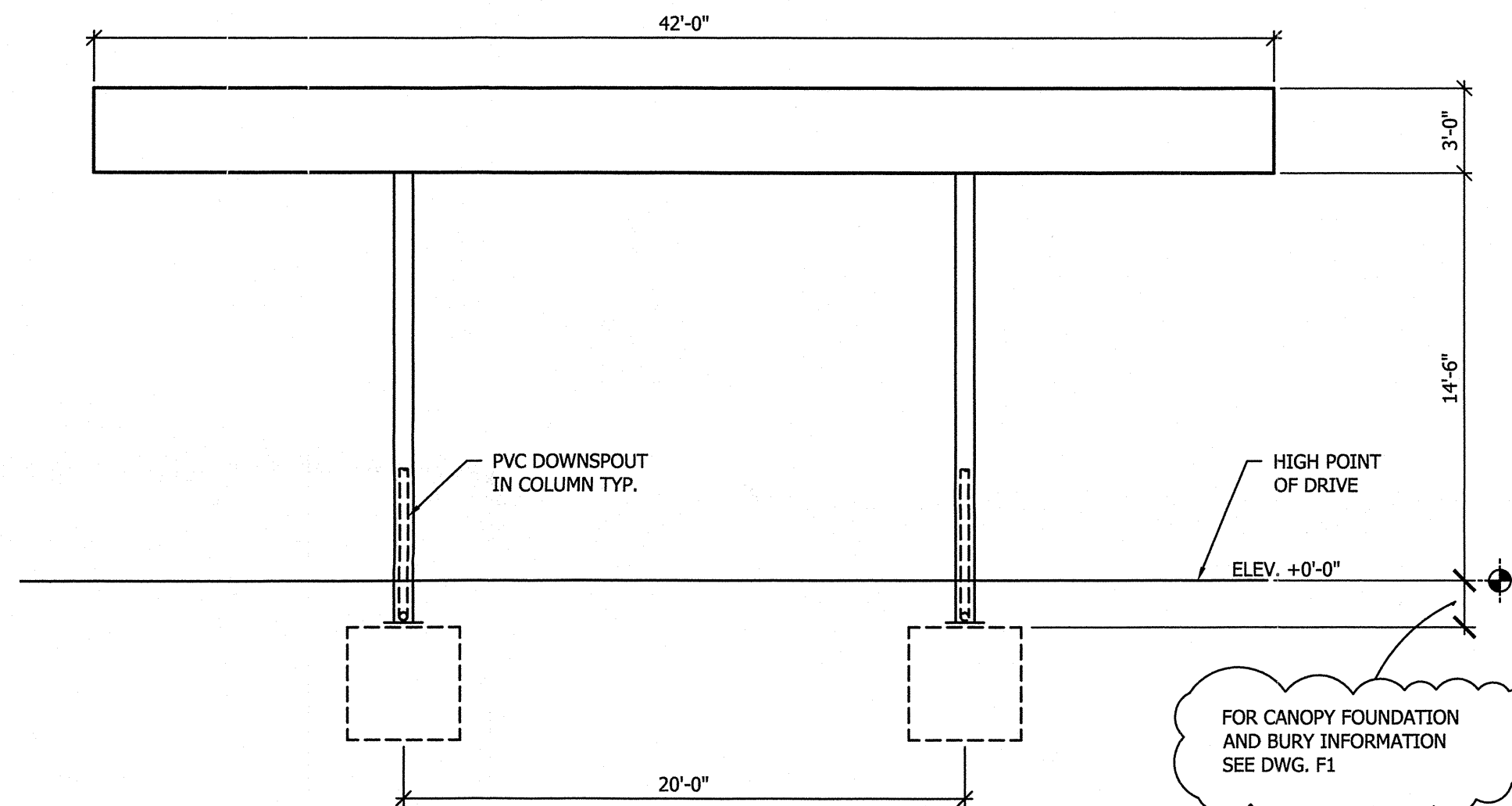


FRAMING PLAN

Scale: 3/16"=1'-0"



FRONT ELEVATION

Scale: 3/16"=1'-0"

STEEL NOTES
 1. DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AISC SPECIFICATIONS. DESIGN, FABRICATION AND ERECTION OF COLD FORMED STEEL SECTIONS SHALL CONFORM TO THE LATEST AISI SPECIFICATIONS.

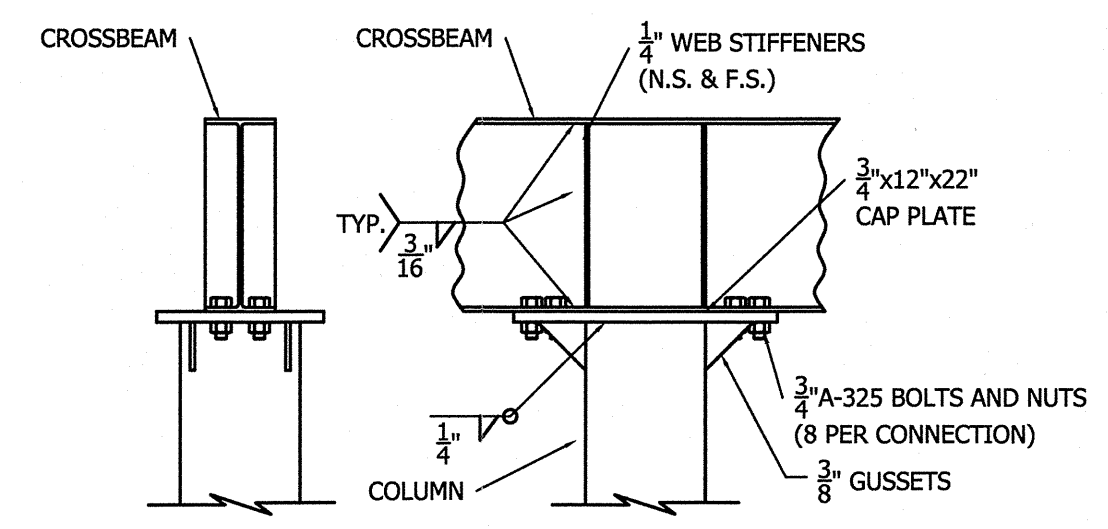
2. STRUCTURAL MATERIALS:
 WIDE FLANGE SECTIONS - ASTM A992 OR A572 GRADE 50 (Fy = 50 KSI)
 ANGLES / CHANNELS - ASTM A36 (Fy = 36 KSI)
 HOLLOW STRUCTURAL SECTIONS (TUBE) - ASTM A500 GRADE B (Fy = 46 KSI)
 PIPE SECTIONS - ASTM A53, GRADE B (Fy = 35 KSI)
 PLATE - ASTM A36 (Fy = 36 KSI)
 ROOF DECK - ASTM A653, GRADE 50 (Fy = 50 KSI), GALVANIZED (G60) WITH BAKED ENAMEL FINISH
 STEEL OUTRIGGERS - ASTM A653 GR. C5 (Fy = 25 KSI), GALVANIZED (G90) PER ASTM 924
 STRUCTURAL BOLTS - ASTM A325
 ANCHOR BOLTS - ASTM F1554 GR. 36; ASTM A36; OR ASTM A307 MATERIAL (Fy = 36 KSI)
 3. WELDING OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH LATEST ANSI / AWS D1.1
 4. FIELD CONNECTIONS SHALL BE BOLTED CONNECTIONS UNLESS SPECIFIED ON DRAWING.
 5. ALL STRUCTURAL BOLTED CONNECTIONS SHALL USE ASTM A325 BOLTS. BOLTED JOINTS SHALL BE TIGHTENED TO SNUG TIGHT PER LATEST RCSC SPECIFICATION.
 6. STRUCTURAL STEEL SHALL BE SHOP COATED WITH A RED-OXIDE RUST INHIBITIVE PRIMER. FIELD TOUCH-UP, FINISH PAINTING, AND MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER (UNLESS OTHERWISE SPECIFIED).
 7. DESIGN LOADS PER LOCAL BUILDING CODE REQUIREMENTS:

ROOF LIVE LOAD = 20 PSF
 FLAT ROOF SNOW LOAD = 50 PSF
 BASED ON GROUND SNOW LOAD = 50 PSF

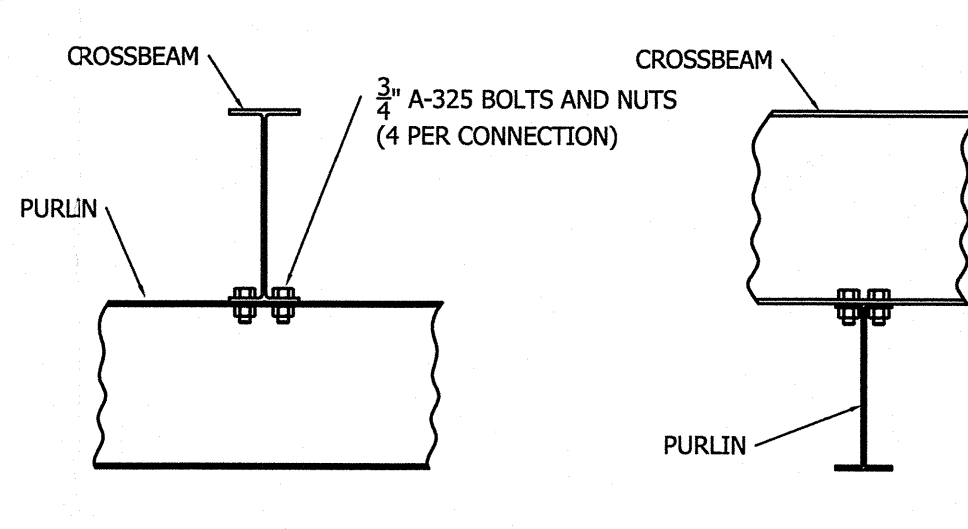
WIND LOADS:
 LATERAL = 25 PSF
 UPLIFT = 20 PSF
 BASED ON 100 MPH 3 SECOND GUST WIND SPEED PER ASCE 7-05
 IMPORTANCE FACTOR = 1.0

SEISMIC LOADS:
 SEISMIC USE GROUP 1, SITE CLASS "D" ASSUMED, SEISMIC DESIGN CATEGORY "B"
 S_{DS} = 0.326, S_{DI} = 0.100G
 SEISMIC FORCE RESISTING SYSTEM IS INVERTED PENDULUM - CANTILEVERED COLUMN, R = 2.0
 C_s = 0.16, DESIGN BASE SHEAR = C_sW = 2.63 K/COL USING EQUIVALENT LATERAL FORCE PROCEDURE

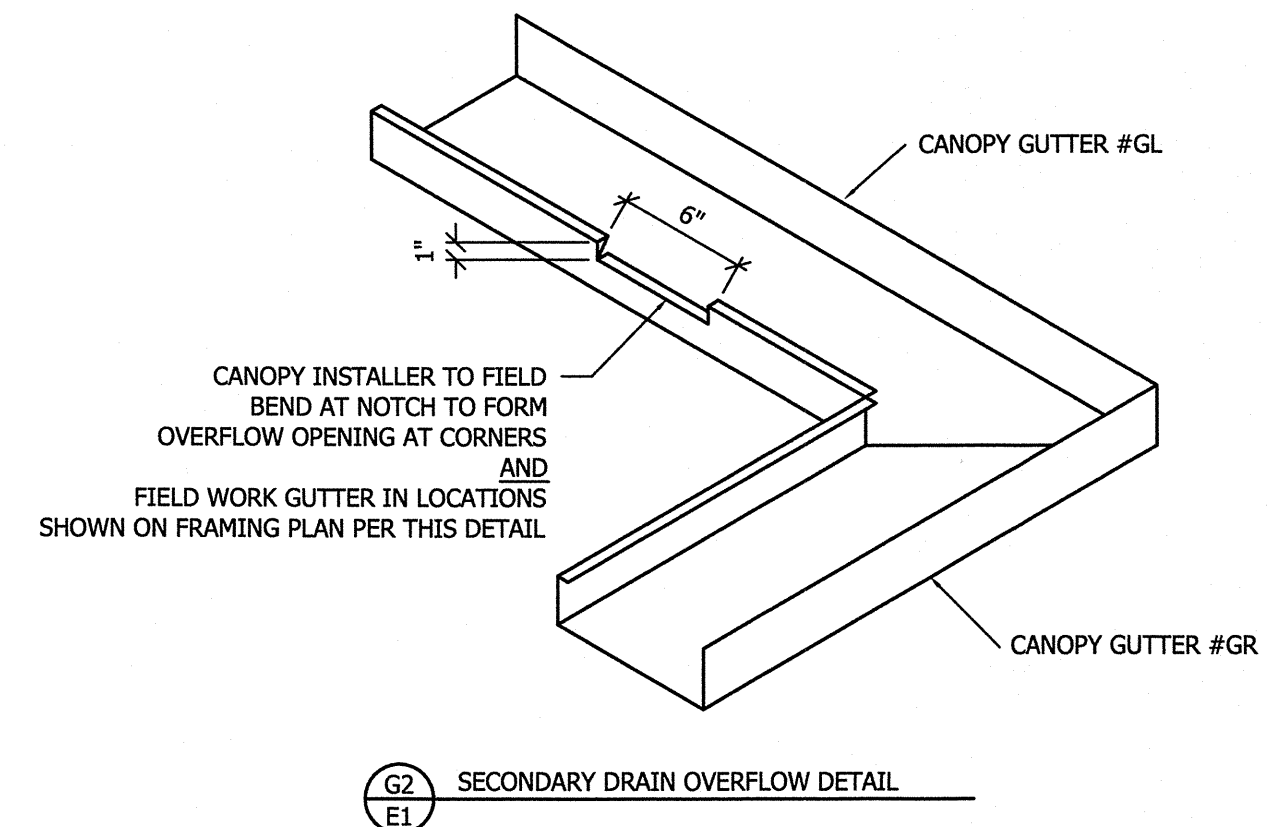
DEAD LOADS:
 DECK / GUTTER / LIGHTS - 5 PSF
 FASCIA - 5 TO 15 PLF (PER DESIGN)
 STRUCTURAL STEEL - SELF WT
 CONCRETE - 145 PCF



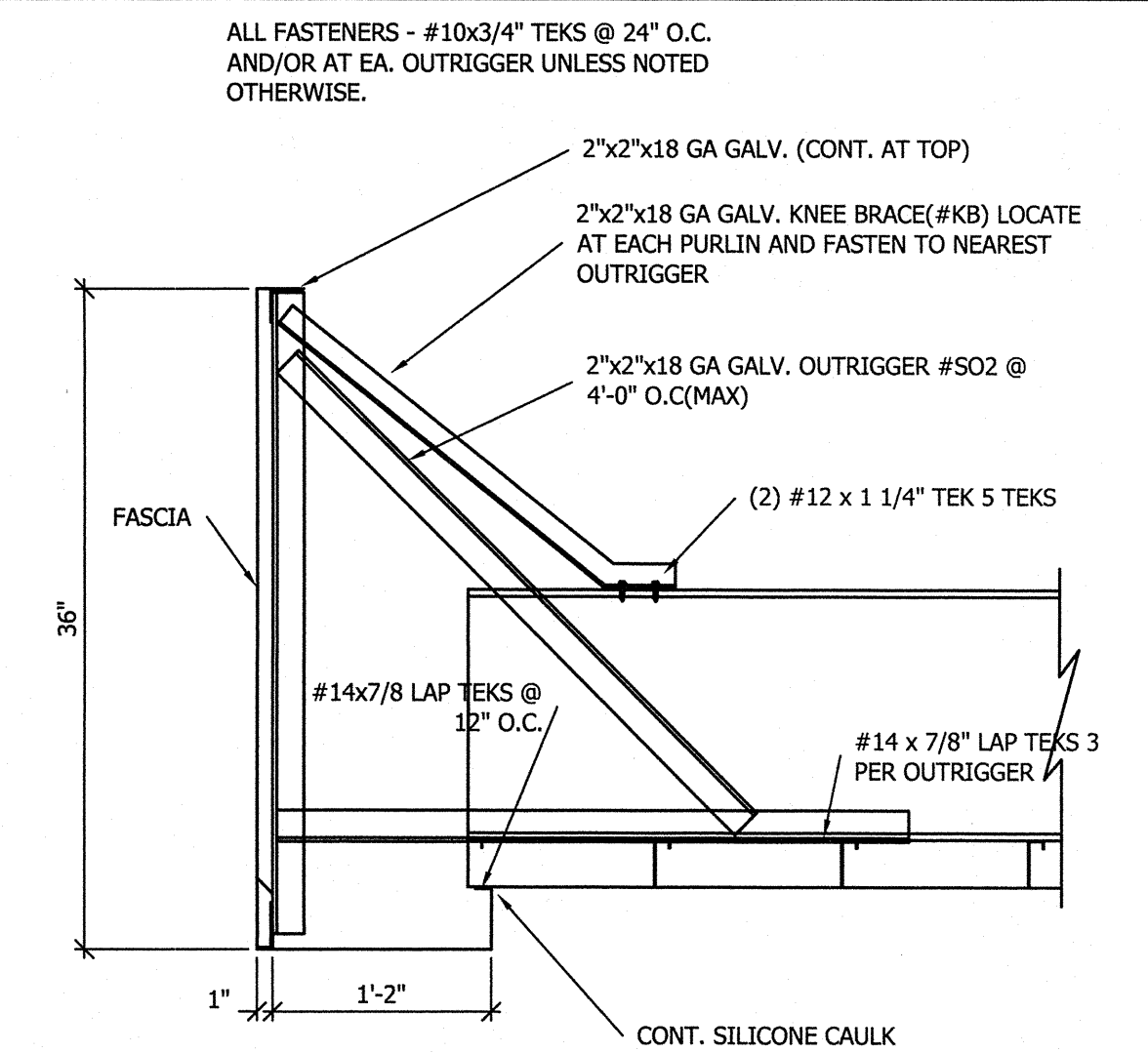
S2 E1 CROSSBEAM TO COLUMN CONNECTION



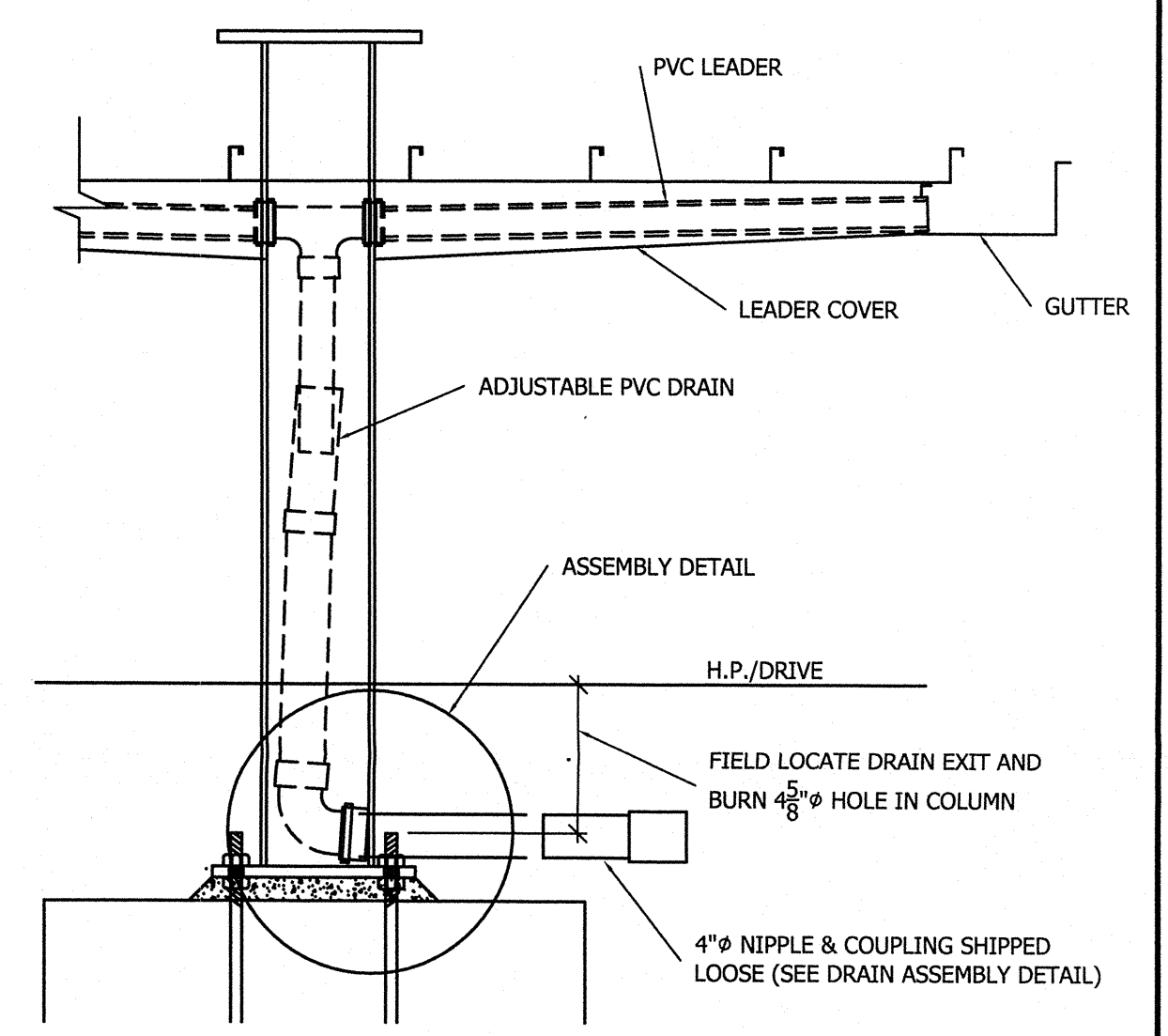
S3 E1 CROSSBEAM TO PURLIN CONNECTION



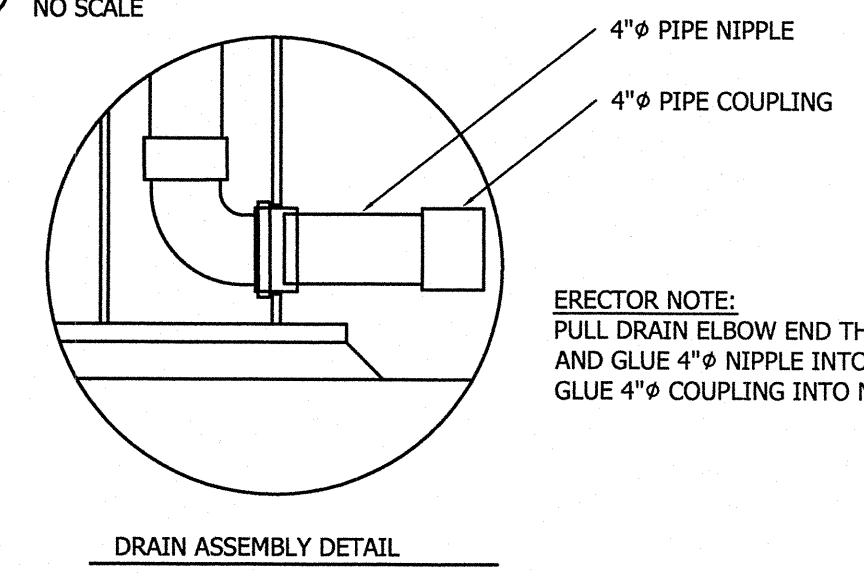
G7 E1 SECONDARY DRAIN OVERFLOW DETAIL



1 E1 FASCIA SECTION



G9 E1 ADJUSTABLE DRAIN DETAIL NO SCALE



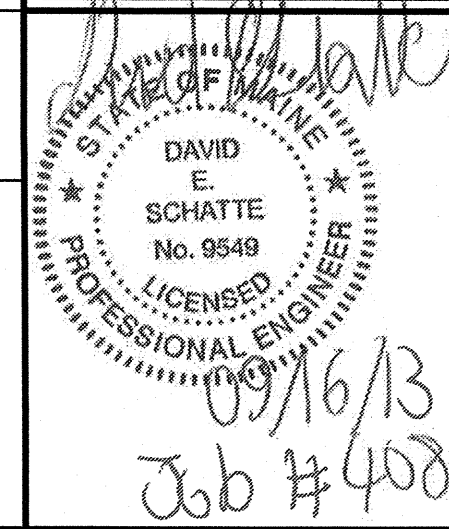
DRAIN ASSEMBLY DETAIL

0	APPROVAL / PERMIT	FCS	DES	9/13/2013
ISSUE	DESCRIPTION	BY	CHK.	DATE

REVISIONS

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 LICENSE# 9549



SITE: HERTZ 1049 WESTBROOK ST. PORTLAND, ME	JOB NO. 40806
SIZE: 28'-0"X42'-0"	DRAWING NO. E1 OF 1
TITLE: FRAMING PLAN AND DETAILS	

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