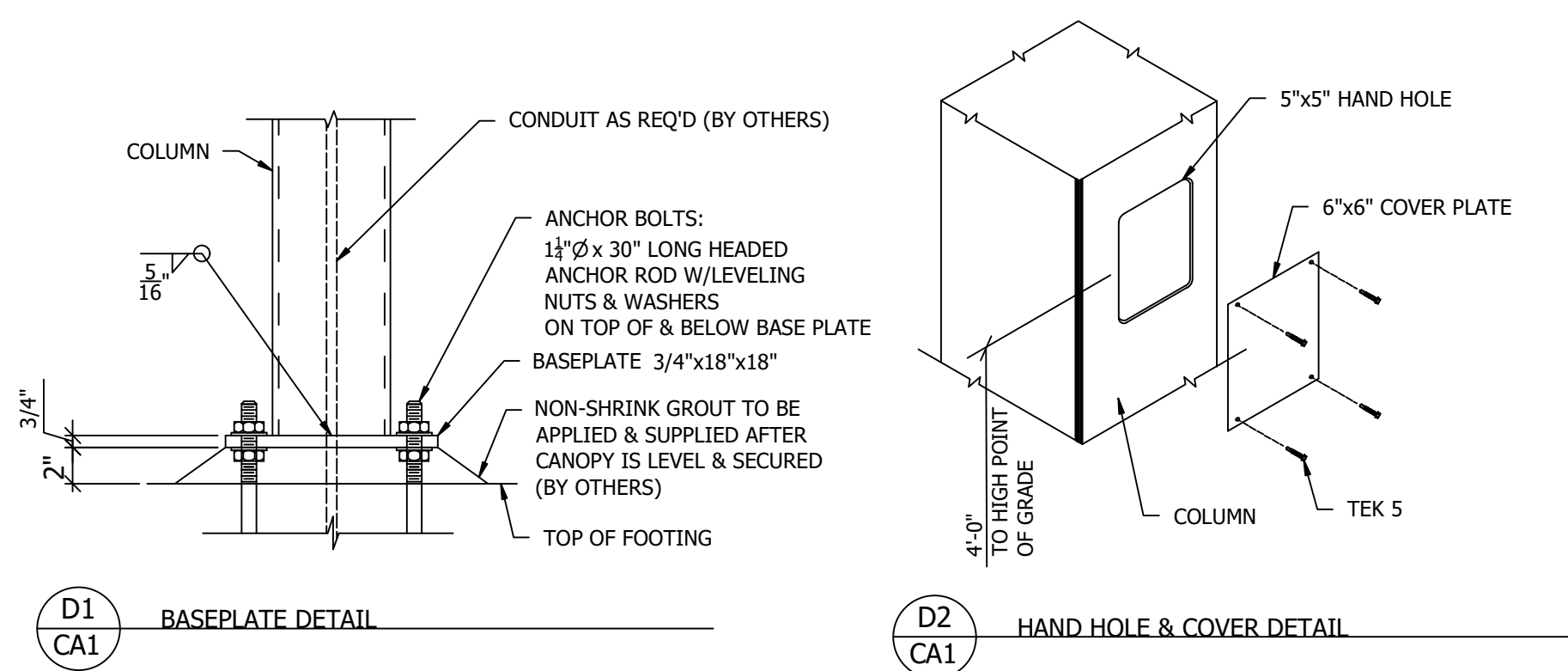
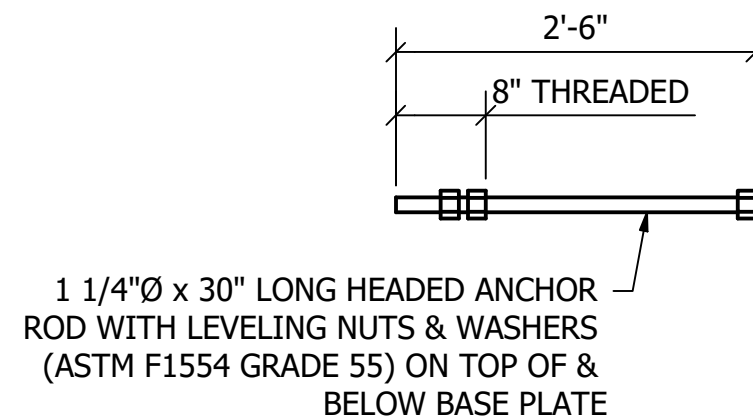
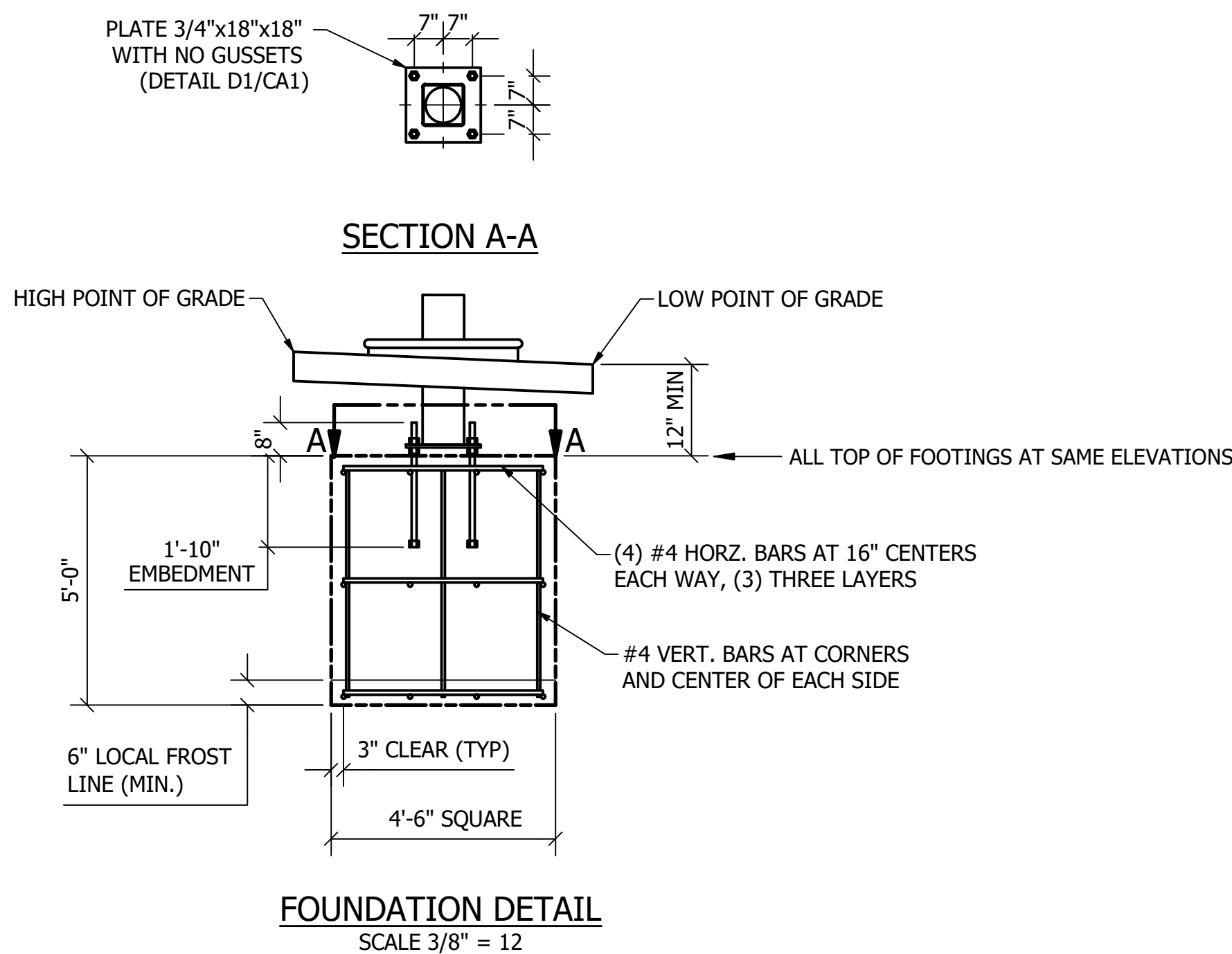



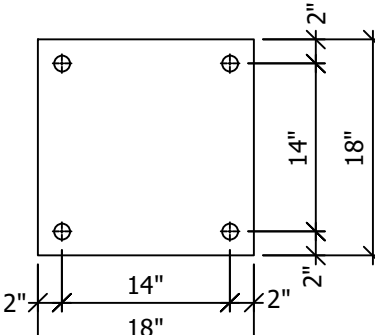
FOUNDATION PLAN
SCALE 3/16"=1'-0"



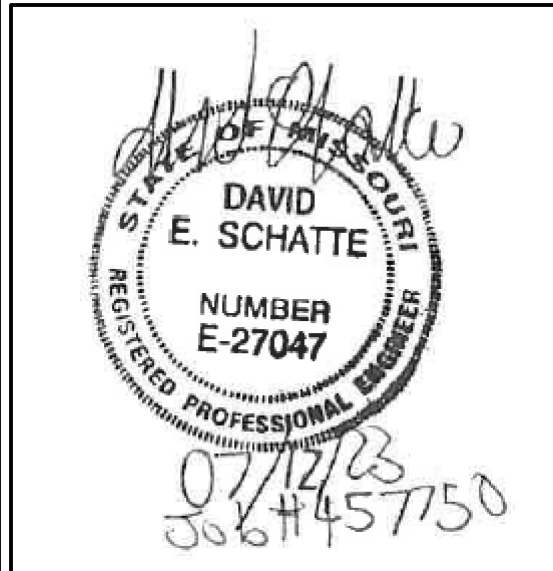
- FOOTING NOTES**
1. OWNER / GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FOOTING AND ANCHOR BOLT INSTALLATION.
 2. ALL FOOTINGS SHALL BE CAST ON LEVEL UNDISTURBED SOIL, ROCK OR PROPERLY COMPACTED SUBGRADE. FOOTING SIZE BASED ON MINIMUM 1500 PSF SOIL BEARING AT BASE AND 150 PSF PER FOOT OF DEPTH LATERAL BEARING CAPACITY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL SOIL PARAMETERS.
 3. FOOTING CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
 4. FOOTING DESIGN BASED ON AN ASSUMED 1'-0" BURY OF THE COLUMNS FROM THE BOTTOM OF BASE PLATE TO FINISHED GRADE. ANY AMOUNT OF BURY LESS THAN 1'-0" WILL RESULT IN A LARGER FOOTING SIZE.
 5. TOPS OF ALL FOOTINGS ARE ASSUMED TO BE AT SAME ELEVATION. OWNER / GENERAL CONTRACTOR SHALL PROVIDE BURIAL DEPTH FROM HIGH GRADE UNDER CANOPY. WHERE TOPS OF FOOTINGS ARE AT DIFFERENT ELEVATIONS, THE OWNER / GENERAL CONTRACTOR SHALL PROVIDE THE CANOPY MANUFACTURER WITH ALL FOOTING AND GRADE ELEVATION PRIOR TO CANOPY FABRICATION. VARIATIONS FROM DESIGN ELEVATIONS MAY RESULT IN INADEQUATE CLEARANCE AND UNDER SIZED FOOTINGS.
 6. OWNER / GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING NON-SHRINK GROUT UNDER ALL COLUMN BASES AFTER CANOPY IS LEVELED AND SECURED.
 7. FOOTING REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 DEFORMED BILLET STEEL BARS WITH SPACING AS SHOWN ON DRAWING.
 8. FOOTINGS ARE ASSUMED TO BE CONSTRAINED BY FUEL ISLAND AND DRIVE MAT CONCRETE. WHERE THIS CONDITION DOES NOT EXIST, THE OWNER SHALL NOTIFY CANOPY MANUFACTURER.
 9. ANCHOR BOLTS SHALL BE PLACED IN ACCORDANCE WITH THIS DRAWING. TEMPLATES SHALL BE USED TO ENSURE PROPER PLACEMENT OF ANCHOR BOLTS. ANCHOR BOLTS ARE TO BE INSTALLED SUCH THAT A MINIMUM OF 8" OF THREAD IS EXPOSED ABOVE TOP OF FOOTING. BOTTOM OF THREADS SHALL NOT END MORE THAN 3/4" ABOVE TOP OF FOOTER.
 10. ANY DISCREPANCIES BETWEEN THE ABOVE NOTES AND LOCAL BUILDING CODE REQUIREMENTS SHALL BE REPORTED TO THE CANOPY MANUFACTURER IMMEDIATELY. COMMENCEMENT OF FOOTING INSTALLATION SHALL INDICATE THAT THE ABOVE NOTE MEET LOCAL BUILDING CODE REQUIREMENTS.



ANCHOR BOLTS
(4) REQ'D. PER FOOTING

| FOR ANCHOR BOLT SHIPMENT | | |
|---|----------------------------------|----------|
|  | | |
| 32 | -AB3 (1 1/4" Ø x 30" ANCHORBOLT) | |
|  | | |
| ABT1 (TEMPLATE) | | |
| 8 | WOOD | TEMPLATE |

| REV | DATE | BY | PERMIT / APPROVAL | DESCRIPTION |
|-----|---------|-----|-------------------|------------------|
| 0 | 7/12/23 | TJH | PERMIT / APPROVAL | REVISION HISTORY |



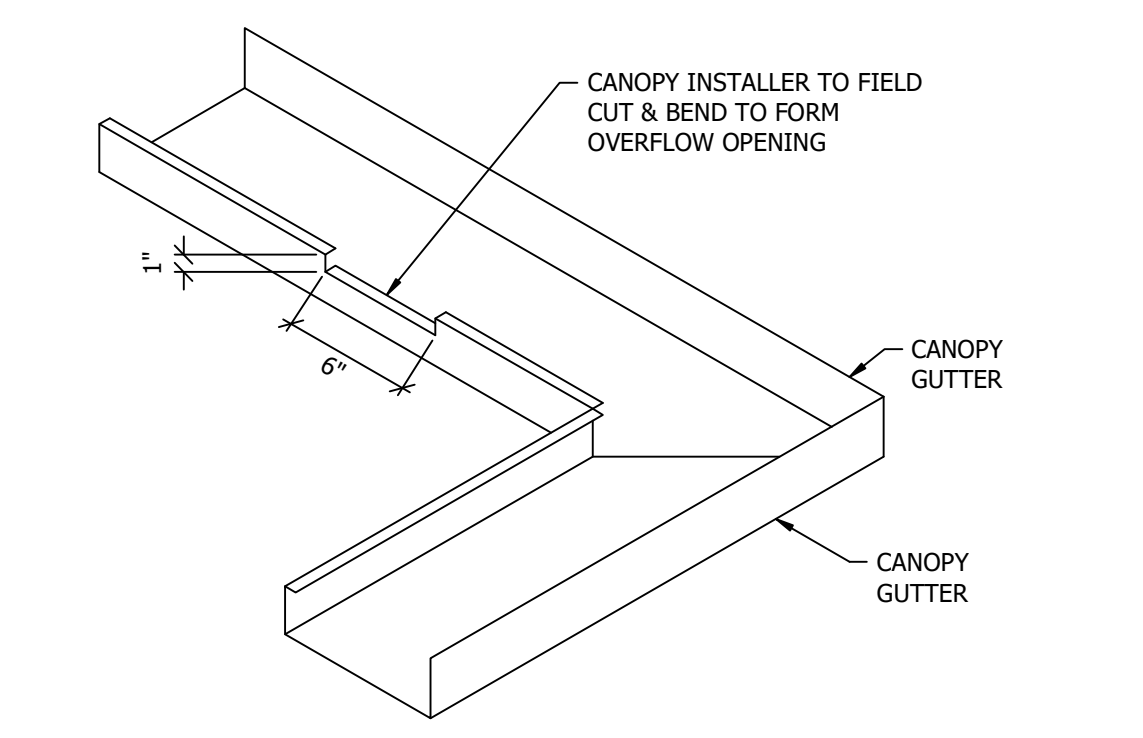
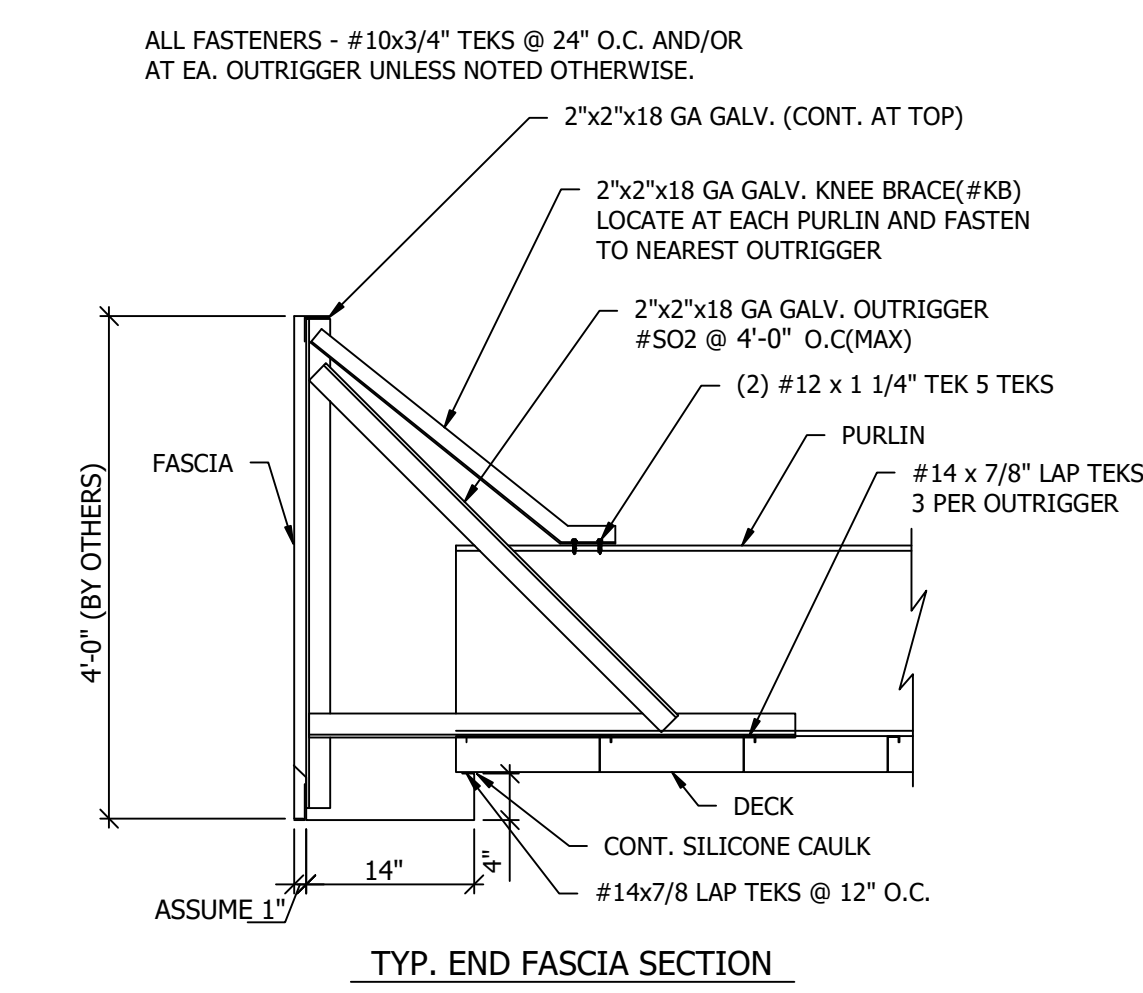
DAVID E. SCHATTE
10609 99TH STREET
OVERLAND PARK, KS. 66214
LICENSE #E-27047



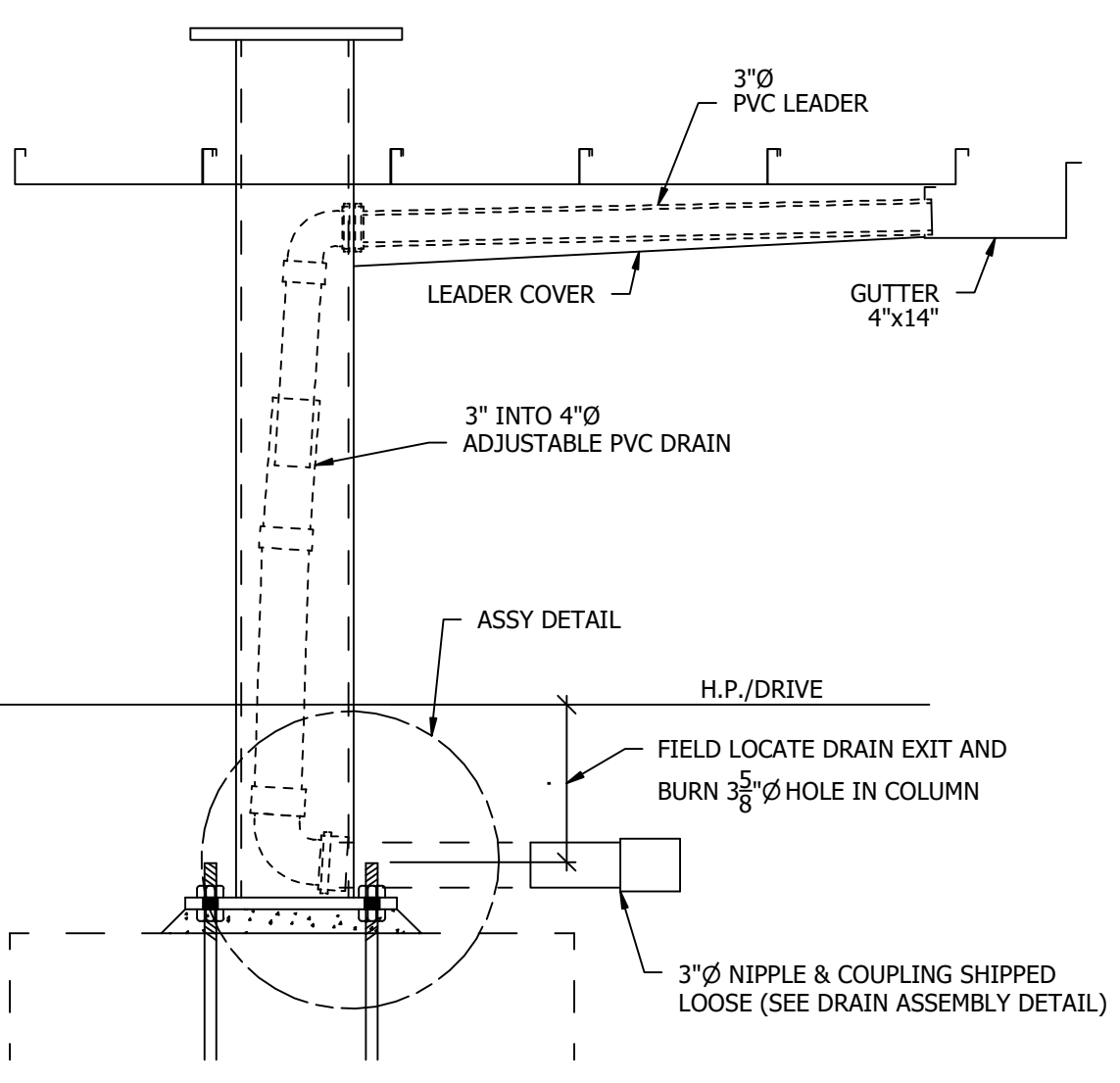
1019 E. North Street
Ottawa, Kansas 66067
Phone: 785.242.8111
Fax: 785.242.2022

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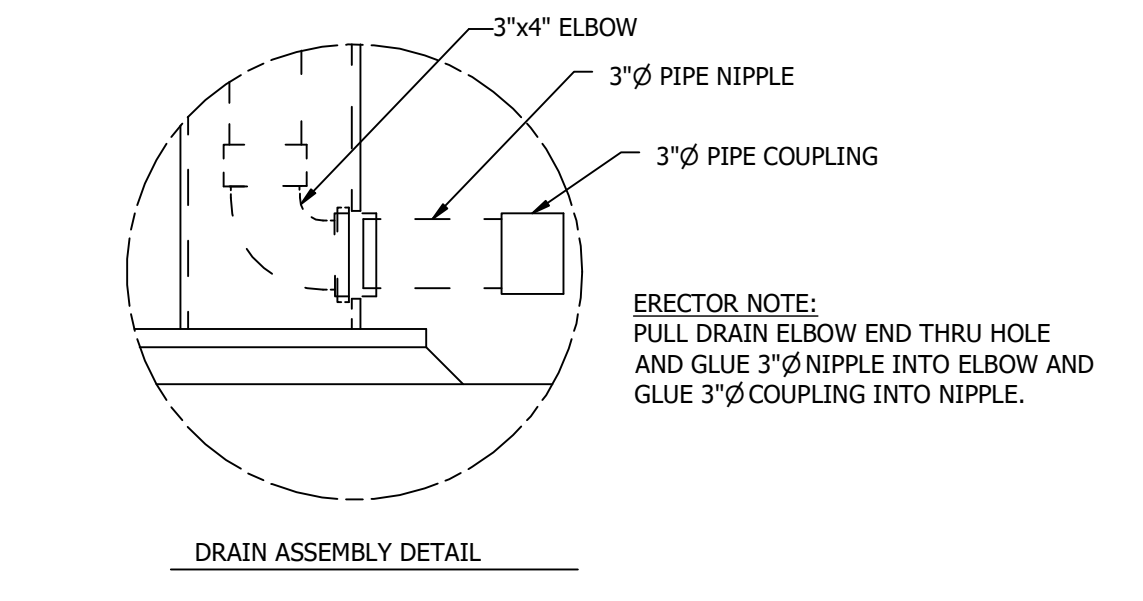
| | | |
|---|------------------|--------------------|
| SITE: AMOCO LEE'S SUMMIT, MO 50' x 120' (8) COLUMN CANOPY | | |
| SCALE: AS SHOWN | DRAWN BY: TJH | CHECKED BY: DES |
| JOB NUMBER: 457750 | | |
| SHEET TITLE: FOUNDATION PLAN | | |
| SHEET NUMBER: CA1 of 2 | | |



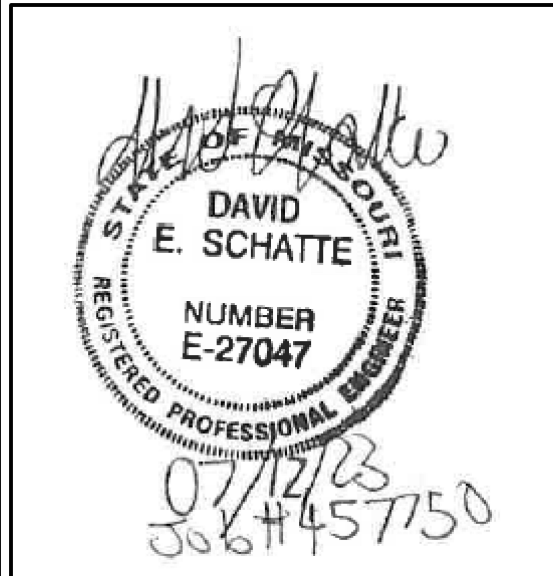
G3 CA2 FIELD CUT GUTTER OVERFLOW DETAIL



G11 CA2 ADJUSTABLE DRAIN DETAIL



| REV | DATE | BY | PERMIT / APPROVAL | DESCRIPTION |
|-----|---------|-----|-------------------|-------------|
| 0 | 7/12/23 | TJH | | |



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SITE:

AMOCO

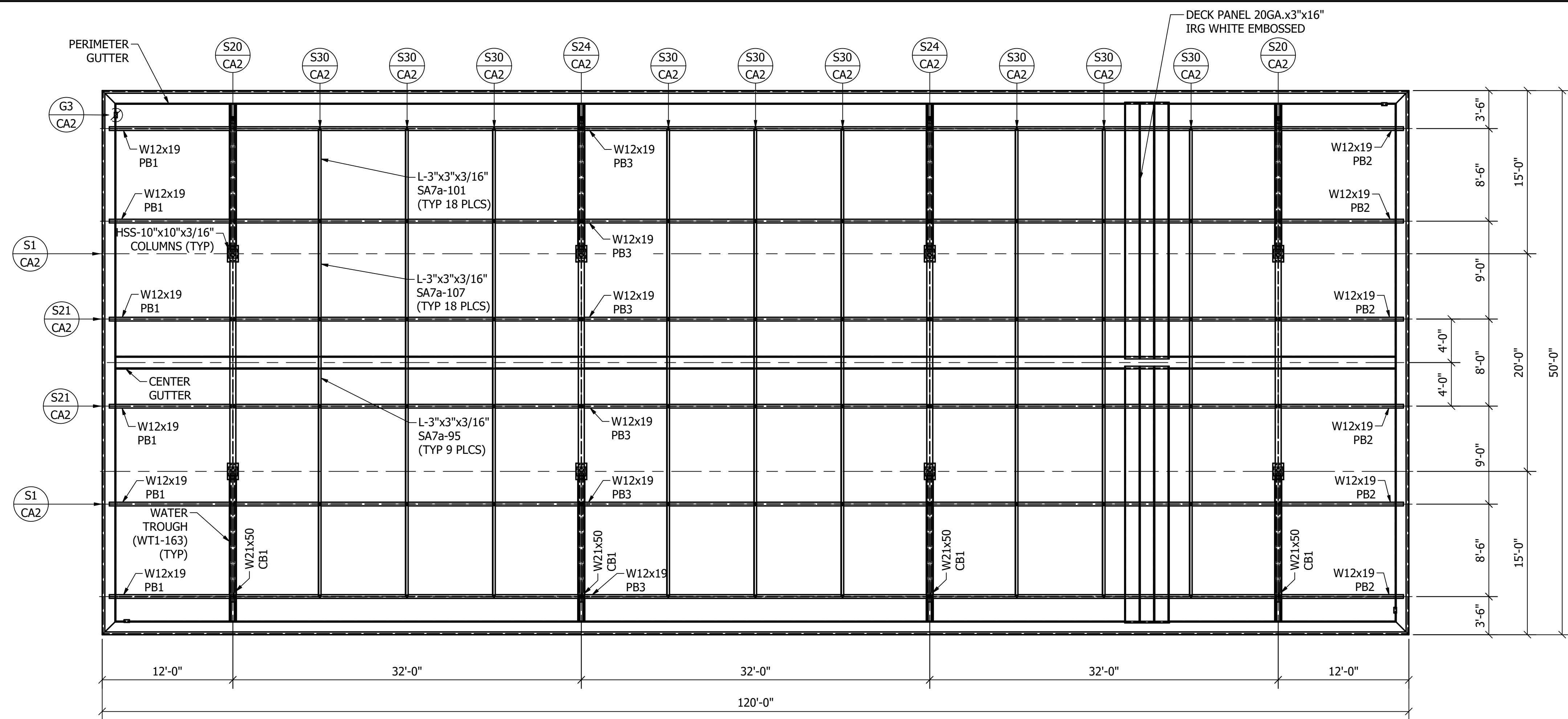
LEE'S SUMMIT, MO

50' x 120'
(8) COLUMN CANOPY

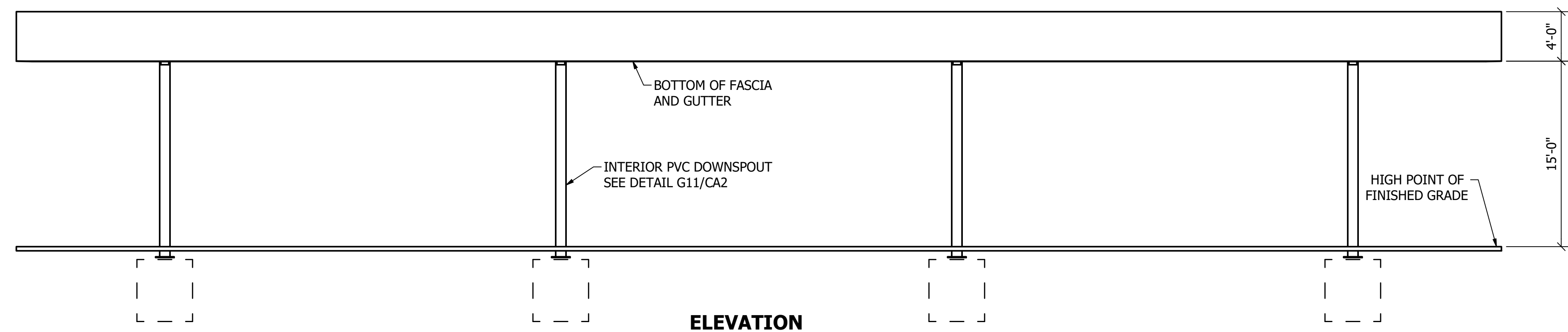
SCALE: AS SHOWN DRAWN BY: TJH CHECKED BY: DES
JOB NUMBER: 457750

SHEET TITLE:
FRAMING PLAN

SHEET NUMBER:
CA2 of 2



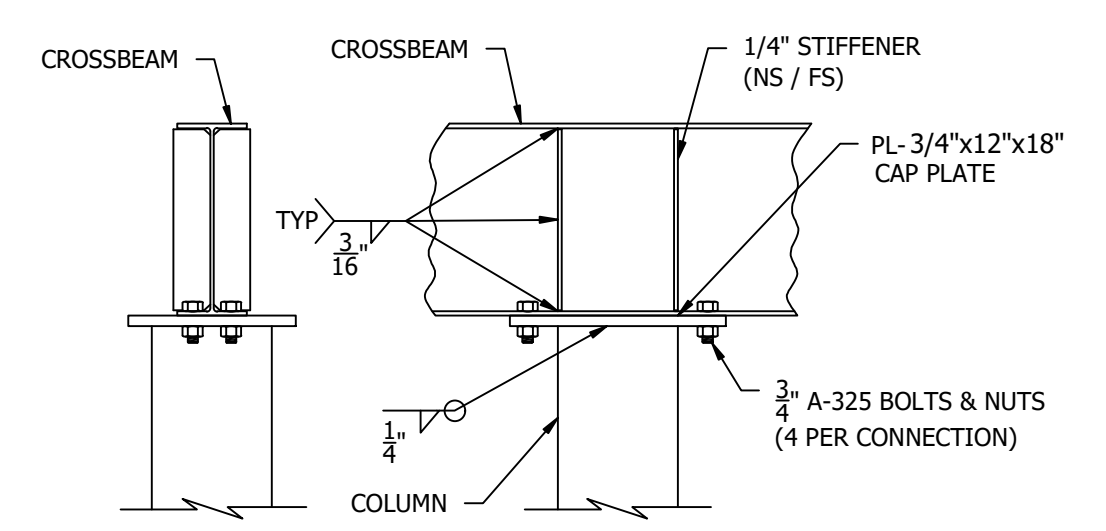
FRAMING PLAN
SCALE 5/32"=1'-0"



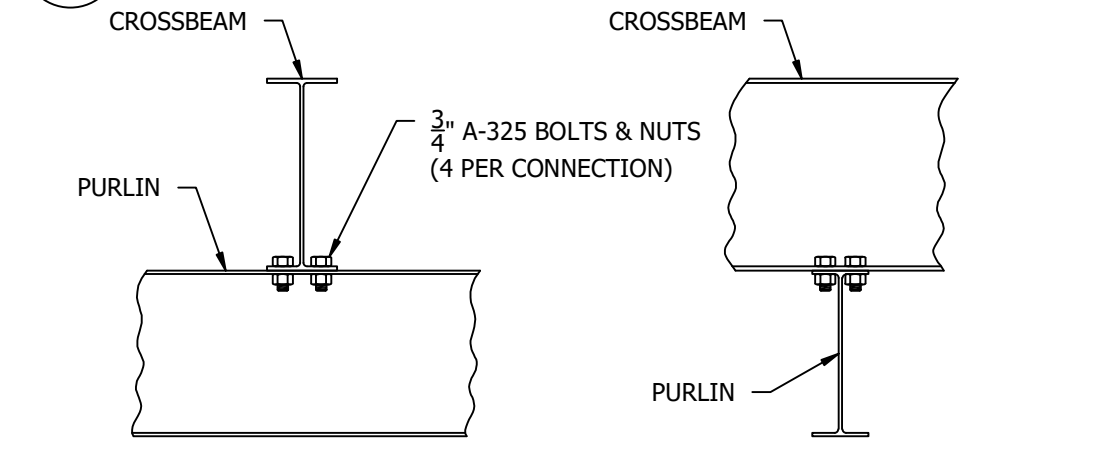
ELEVATION
SCALE 5/32"=1'-0"

STEEL NOTES
1. DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AISI 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. CS (Fy = 25 KSI), GALVANIZED (G90) PER ASTM 924
STRUCTURAL BOLTS - ASTM A325
ANCHOR BOLTS - ASTM F1554 GR 55 (Fy=55 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 INTERNATIONAL BUILDING CODE & LOCAL BUILDING CODE REQUIREMENTS:

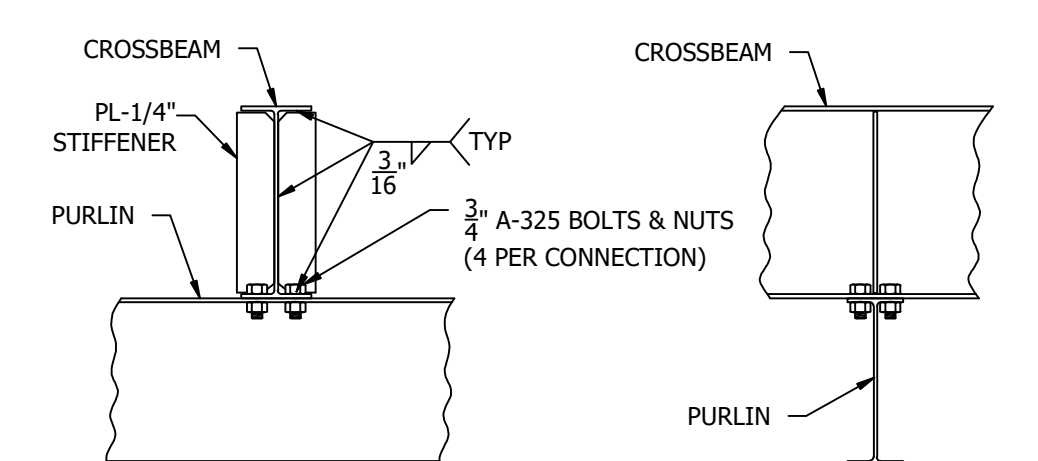
ROOF LIVE LOAD = 20 PSF
FLAT ROOF SNOW LOAD = 20 PSF
BASED ON GROUND SNOW LOAD = 20 PSF
WIND LOADS:
LATERAL = 25 PSF
UPLIFT = 20 PSF
BASED ON 120 MPH, EXPOSURE "B" - ULTIMATE WIND SPEED PER ASCE 7-10.
SEISMIC LOADS:
SEISMIC USE GROUP 1, SITE CLASS "D" SEISMIC DESIGN CATEGORY "B"
Sds = 0.12 g (Ss=0.114, Fa=1.6) Sd1 = 0.11 g (S1=0.067, Fv=2.4)
SEISMIC FORCE RESISTING SYSTEM IS INVERTED PENDULUM - CANTILEVERED COLUMN, R = 2.0
Cs = 0.06 DESIGN BASE SHEAR = Cs x W = 0.69 K/COL USING EQUIVALENT LATERAL FORCE PROCEDURE
DEAD LOADS:
DECK / GUTTER / LIGHTS - 5 PSF
FASCIA - 20 PLF (PER DESIGN)
STRUCTURAL STEEL - SELF WT
CONCRETE - 150 PCF



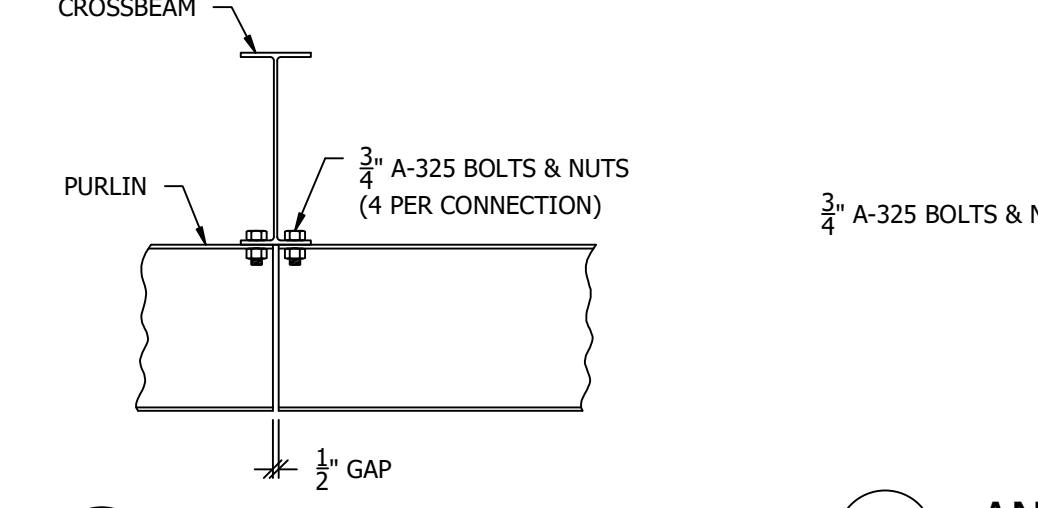
S1 CA2 CROSSBEAM TO COLUMN CONNECTION



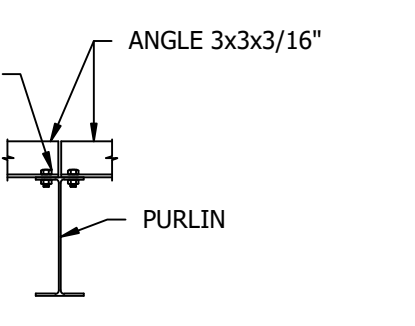
S20 CA2 CROSSBEAM TO PURLIN CONNECTION



S21 CA2 CROSSBEAM TO PURLIN CONNECTION



S24 CA2 PURLIN JOINT



S30 CA2 ANGLE LATERAL BRACE