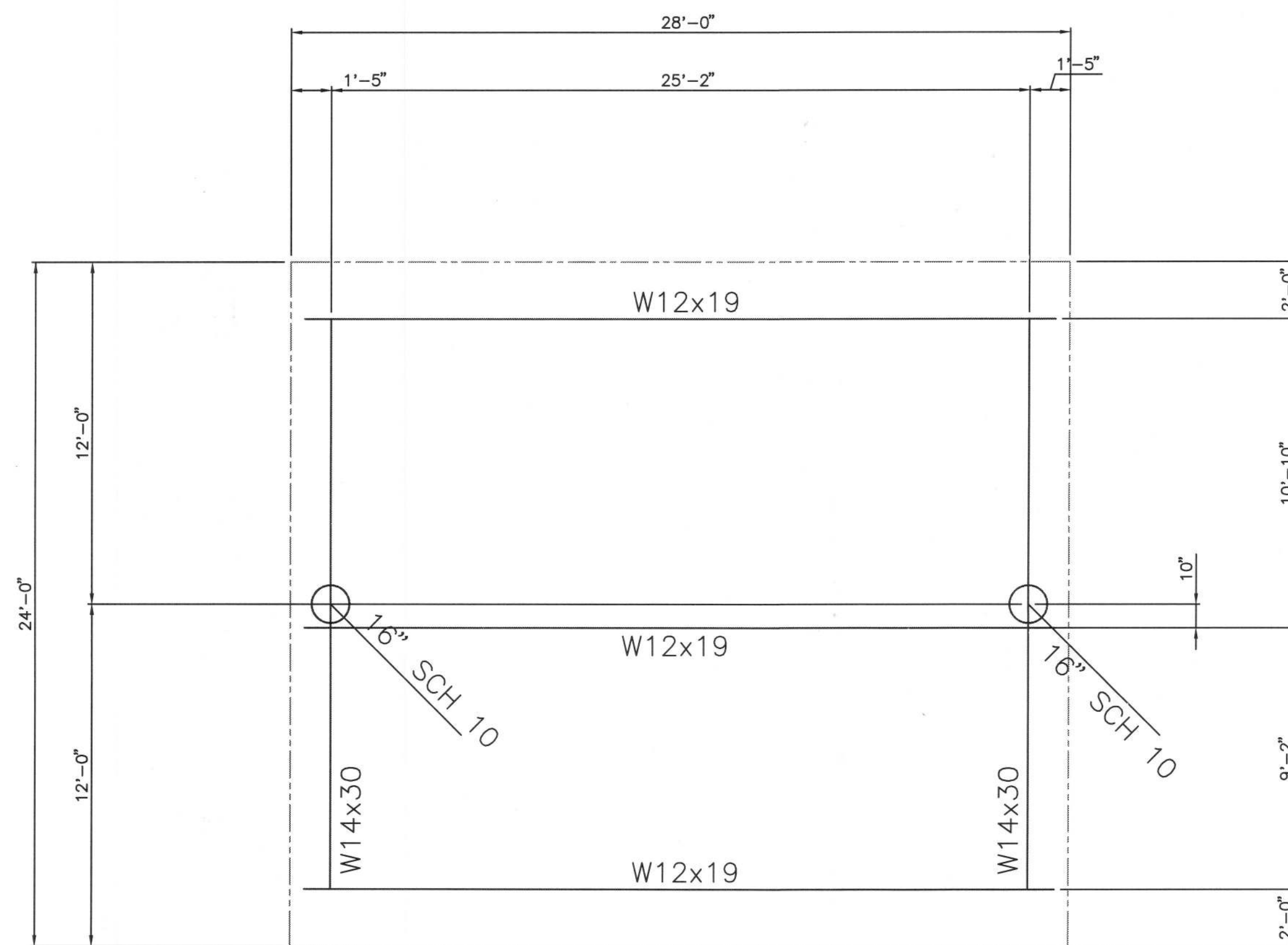
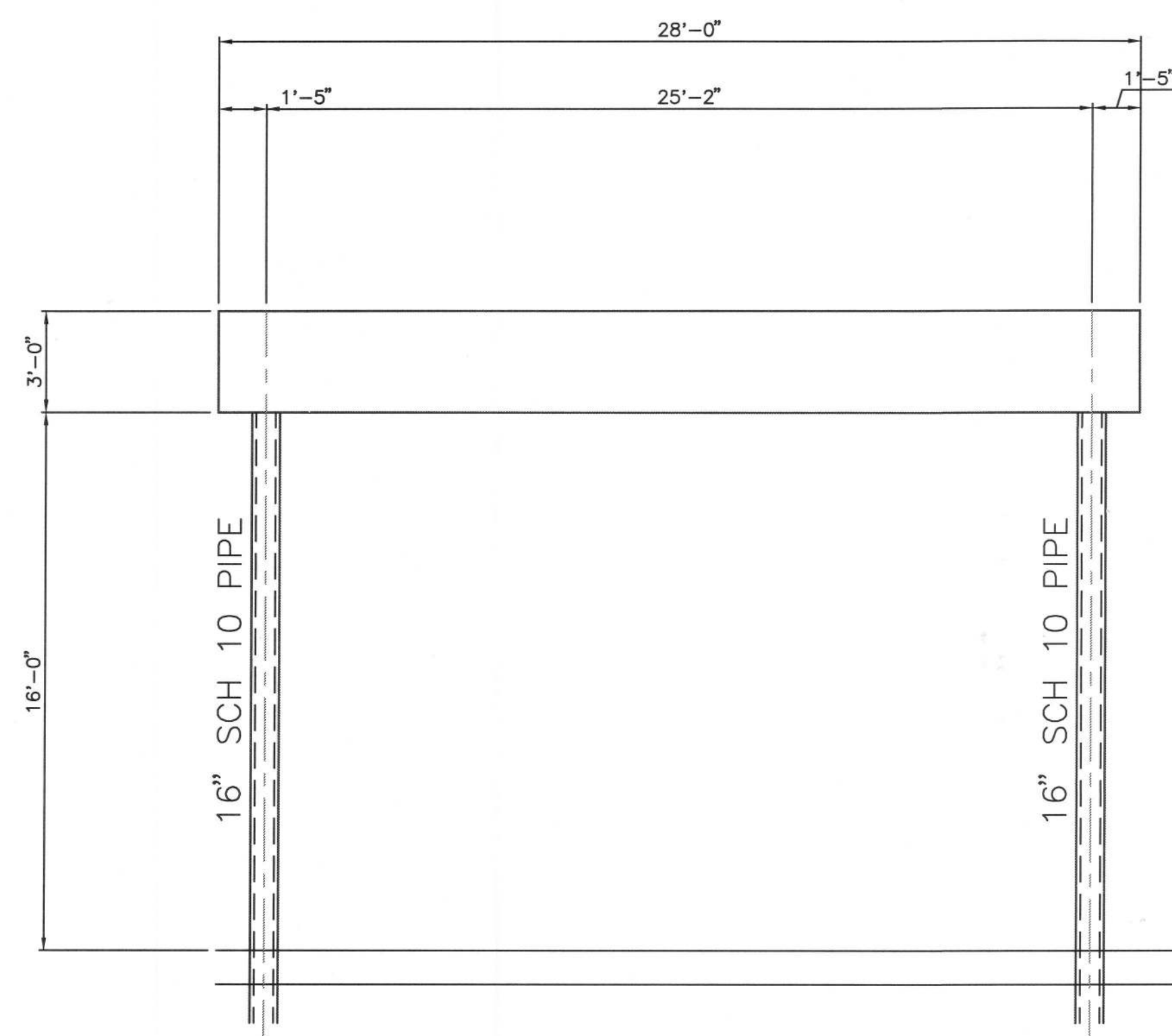
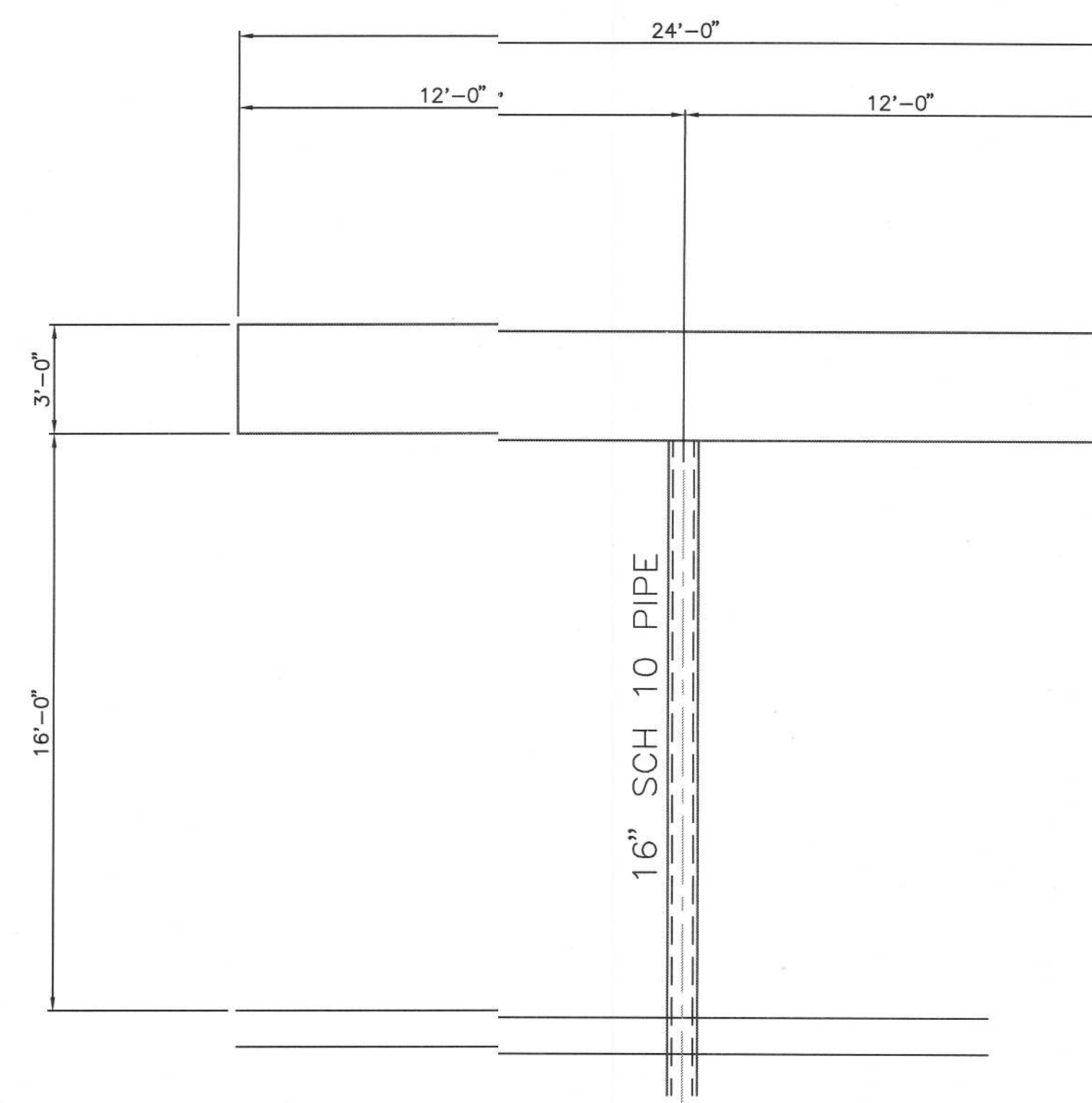




CANOPY STEEL PLAN  
36" WHITE A.C.M. VERITCL FACIA



CANOPY FRONT & BACK ELEVATION  
36" WHITE A.C.M. VERTICLE FACIA



CANOPY SIDE ELEVATION  
36" WHITE A.C.M. VERTICLE FACIA

# DESIGN CRITERIA:

- \* INSTALL NEW 24'x28' CANOPY
- \* DESIGN FOR FLA. BUILDING CODE 2007/2009 SUPPLIMENT & ASCE 7-05
- \* WIND LOAD PER LOCAL CRITERIA = 110 MPH
- \* BUILDING CATEGORY I - MONO SLOPE FREE ROOF
- \* EXPOSURE CATEGORY B
- \* 12 PSF PER SQ FT LIVE ROOF LOAD
- \* TYPE "M" BUILDING - OCC. 309.1
- \* TYPE V-B CONSTRUCTION SEC. 601 - GROUP "M" OCCUPANCY
- WIND LOADS-OPEN BUILDINGS PER ASCE 7-05
- COMPONENTS & CLADDING-ROOF PRESSURES,  $a=3.0$  FT:
- \* BASE PRESSURE,  $q_h = 25.8$  psf (CLEAR WIND FLOW)
- \* MAX. NEGATIVE WIND LOADS, ZONE 3 ( $>9, </=36$  SF) = -37.2 PSF
- \* MAX. POSITIVE, ZONE 3 ( $>9, </=36$  SF) = 39.4 PSF
- FASCIA PANELS-HORIZONTAL PRESSURES,  $q_p = 21.5$  psf
- \* WINDWARD 32.3 PSF
- \* LEEWARD -21.5 PSF

## NOTES:

- \* STEEL DESIGN - CURRENT AISC MANUAL 9TH EDITION - A36 (PRIMED)
- \* WELDING ELECTRODES CLASS E-70XX (LOW HYDROGEN FOR A992 STEEL)
- \* ALL WELDS ARE 3/16 FILLET UNLESS OTHERWISE NOTED
- \* DECK SYSTEM TO BE ATTACHED TO PURLINS WITH DECK CLAMPS AT EACH CONTACT POINT ON MIDDLE PURLIN(S)
- 2 CLAMPS EACH CONTACT POINT ON ALL PURLINS

## NOTES:

- DESIGN CRITERIA: (ALL DESIGN PER 2007/2009 FLORIDA BUILDING CODE W/ 2009 AMMENDMENTS, UNLESS OTHERWISE NOTED)
1. LIVE ROOF LOAD ----- 12PSF
  2. WIND LOAD ----- 110 MPH
  3. ALLOWABLE UNIT STRESS:
    - A) CONCRETE ----- 3000 PSI
    - B) REBAR ----- ASTM A3615 FRADE 10 & A305
    - C) HIGH TENSILE BOLTS ----- A325
    - D) WELD ELECTRODES ----- A233, CLASS E70XX
    - E) SOIL BEARING ----- 2,500 PSF
    - F) STEEL DESIGN ----- CURRENT AISC MANUAL (A36)

## GENERAL STRUCTURAL NOTES:

1. UNLESS OTHERWISE SHOWN ON DRAWINGS, MINIMUM COVER FOR REBAR SHALL BE AS FOLLOWS:  
FOOTINGS; ----- 3"  
SLAB ON GRADE; -- CENTERED
2. ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF CONCRETE.
3. IF FOOTING ELEVATIONS SHOWN OCCUR IN A DISTURBED, UNSTABLE OR UNSUITABLE SOIL, THE ENGINEER SHALL BE NOTIFIED
4. ALL WELDS ARE 3/16" FILLET WELDS UNLSES OTHERWISE NOTED. (USE LOW HYDROGEN RODS IF A992 STEEL IS USED)
5. 3" X 16" CHREOKEE 20 GAGE DECK TO BE ATTACHED TO PURLINS WITH DECK CLAMPS AS LISTED ABOVE
6. ALL CONNECTIONS OF LITE GAGE FRAMING MEMBERS W/(2) #10 X 3/4" TEKS, & TO DECK W/4 #10 X 3/4" TEKS



*[Handwritten signature]*

OCT 6 4 2010

9-26-2010

AUSTIN ACE, P.E.  
5908 ORCHARD POND DRIVE  
ORANGE PARK, FL 32003  
(904) 716-3661 CAN-8341

NEW 24'x28' EUROTANK CANOPY FOR G.W. HUNTER OIL  
4008 WEST U.S. HIGHWAY 90  
LAKE CITY FL 32055 (COLUMBIA COUNTY)  
STEEL FRAMING PLAN, ELEVATIONS AND NOTES

CARR-TECH INDUSTRIES, INC.  
5988 COLLINS ROAD  
Jacksonville, Florida 32244  
(904) 771-2340

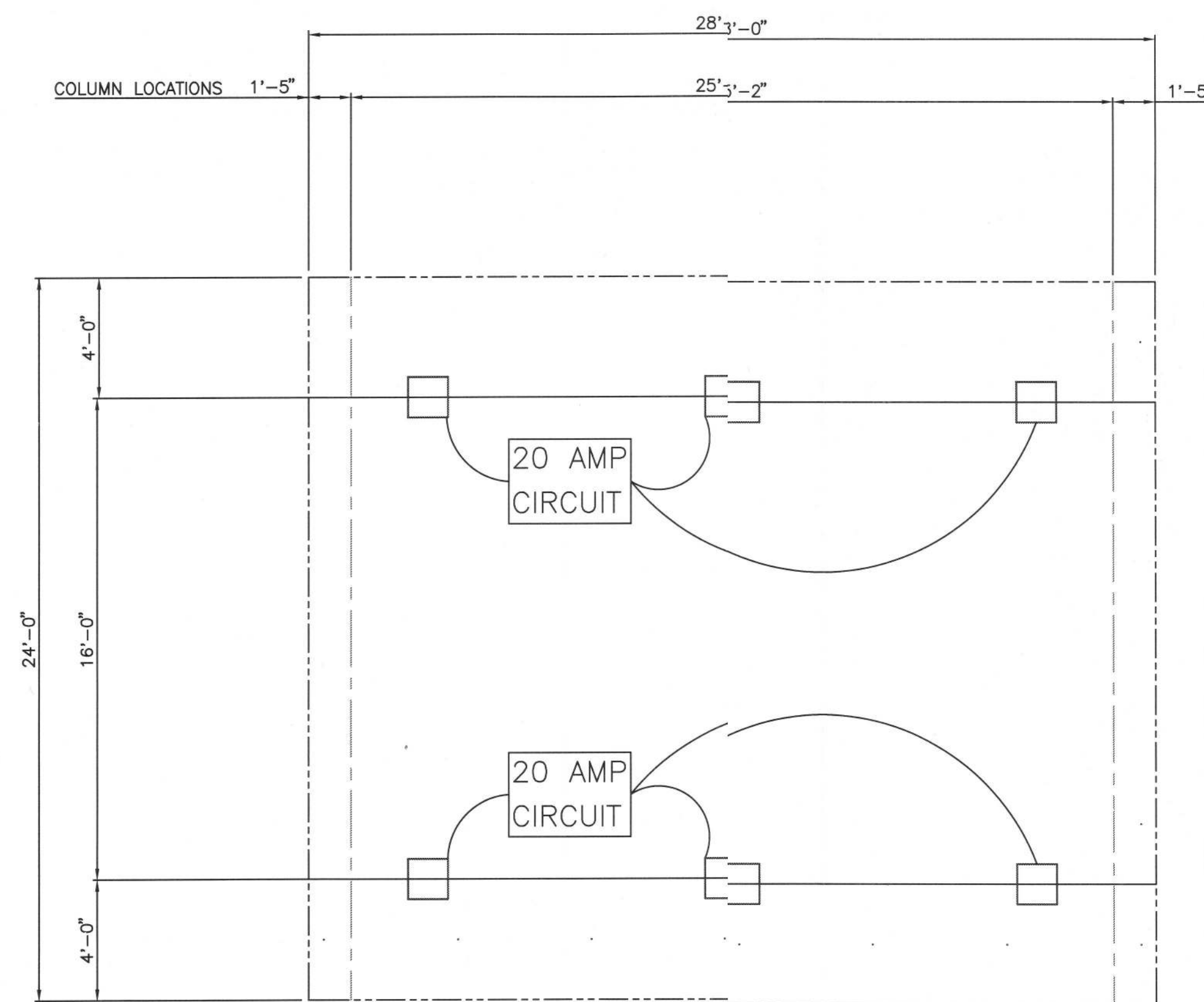
DWN. BY SC  
DATE 9-10  
CK'D BY GKI  
DATE 9-10

JOB NO.

DWG NO.

S-1





# GAS CANOPY LIGHTING PLAN

36" SUNOCO BLUE A.C.M. FASCIA WITH RADISUSED CORNERS  
METAL DECK COLORR = WHITE

## NOTES:

1. PROVIDE (1) OVERFLOW SCUPPER @ EACH CORNER
2. PROVIDE (6) NEW 320W SCOTTS DALE LIGHTS
3. PROVIDE (1) NEW 20A CIRCUIT FOR SIGNAGE
4. 3/4" CONDUITS ARE EXISTING FROM CANOPY TO STORE PANEL
5. ELECTRICIAN TO PULL SEPARATE PERMIT FOR ELECTRIC

*[Handwritten Signature]*

OCT 04 2010

9-26-2010

S-2

JOB NO.

DATE 9-10  
CK'D BY CKI

DWN. BY SC

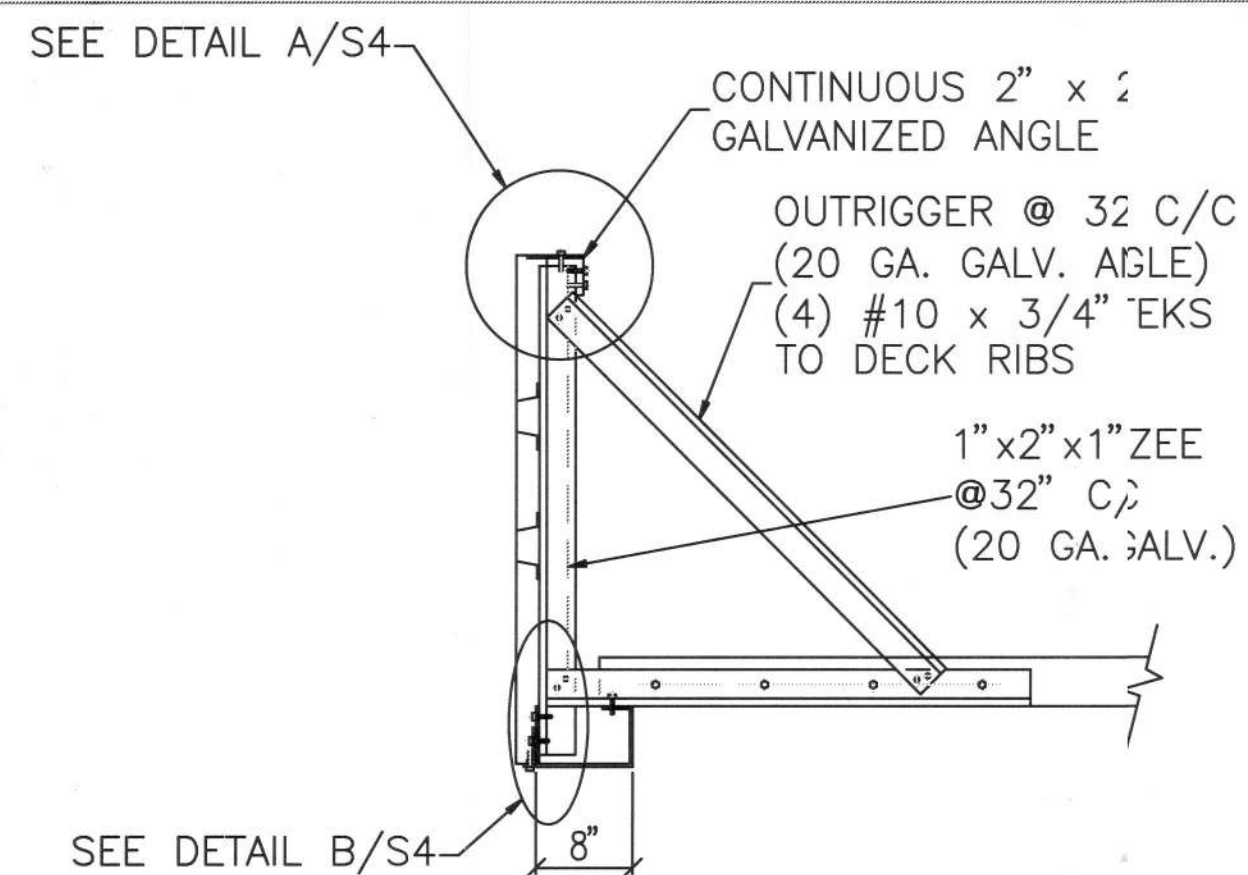
CARR-TECH INDUSTRIES, INC.  
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4008 WEST U.S. HIGHWAY 90  
LAKE CITY, FL 32055 (COLUMBIA COUNTY)  
LIGHTING PLAN AND NOTES

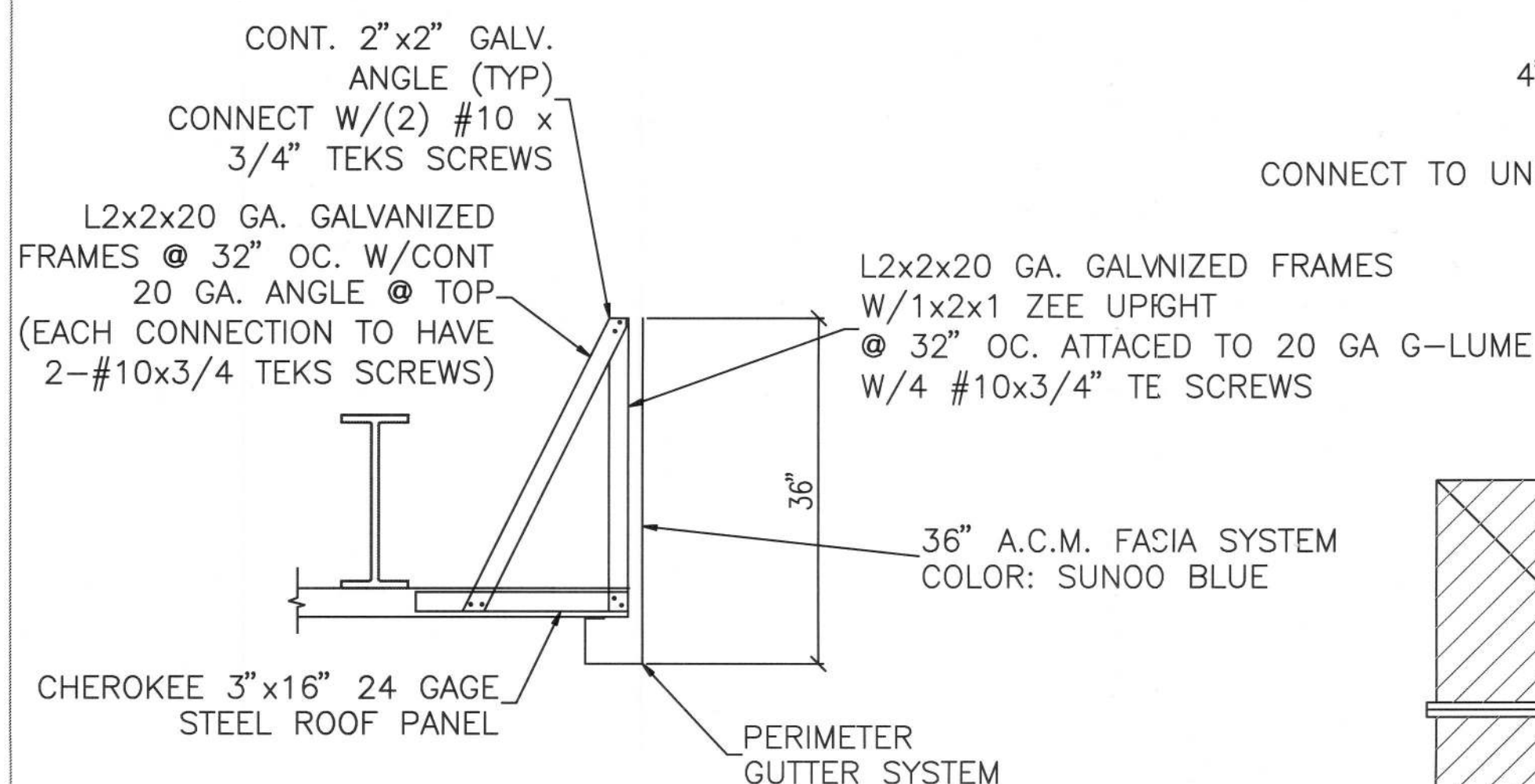
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|      |      |             |
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AUSTIN ACE, P.E.  
5908 ORCHARD POND DRIVE  
ORANGE PARK, FL 32003  
(904) 716-3661 CAN-8341

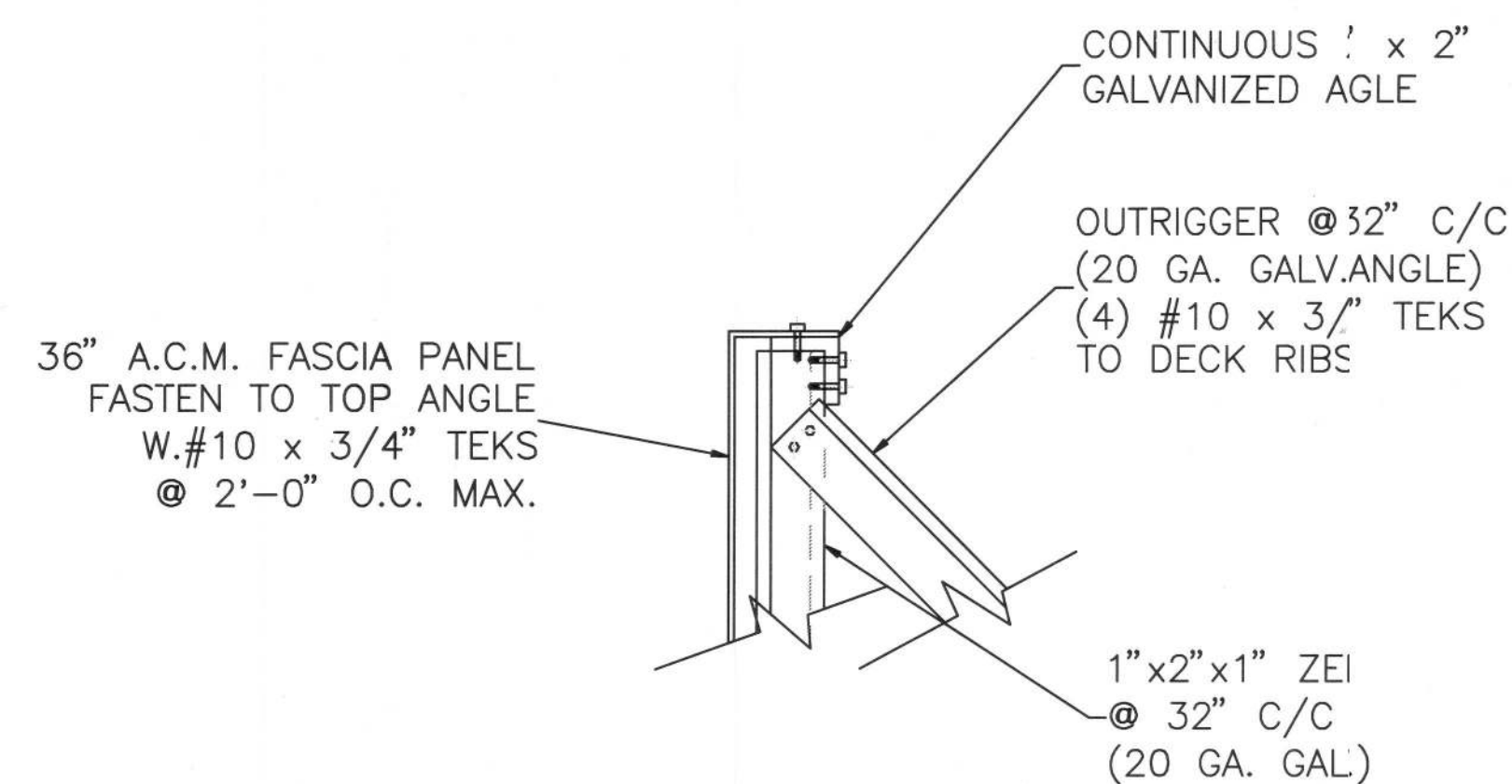




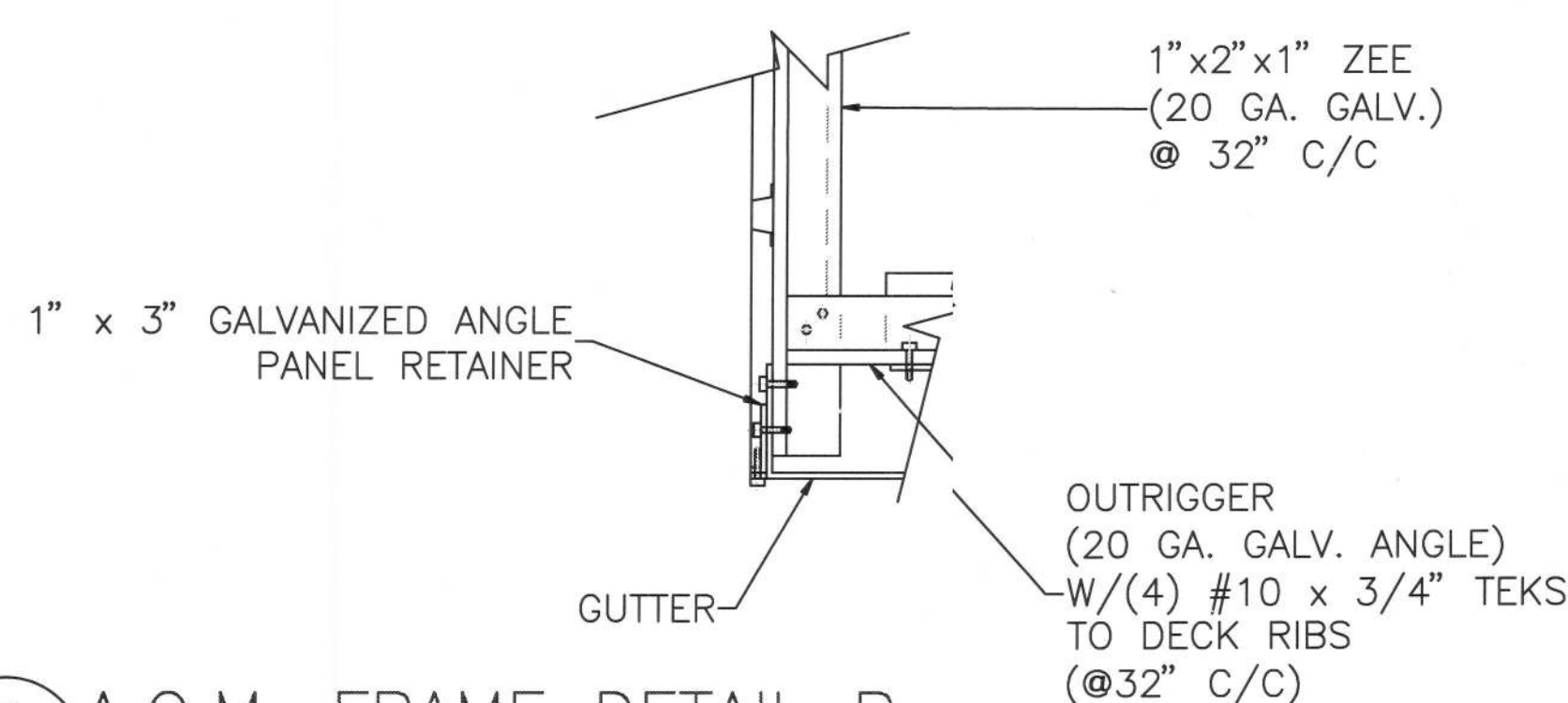
1 TYPICAL A.C.M. FRAME DETAIL  
S-3 ALL CONNECTIONS OF LITE GAGE FRAMING MEMBERS  
W/(2) #10 X 3/4" TEKS, & TO DECK W/4 #10 X 1/4" TEKS



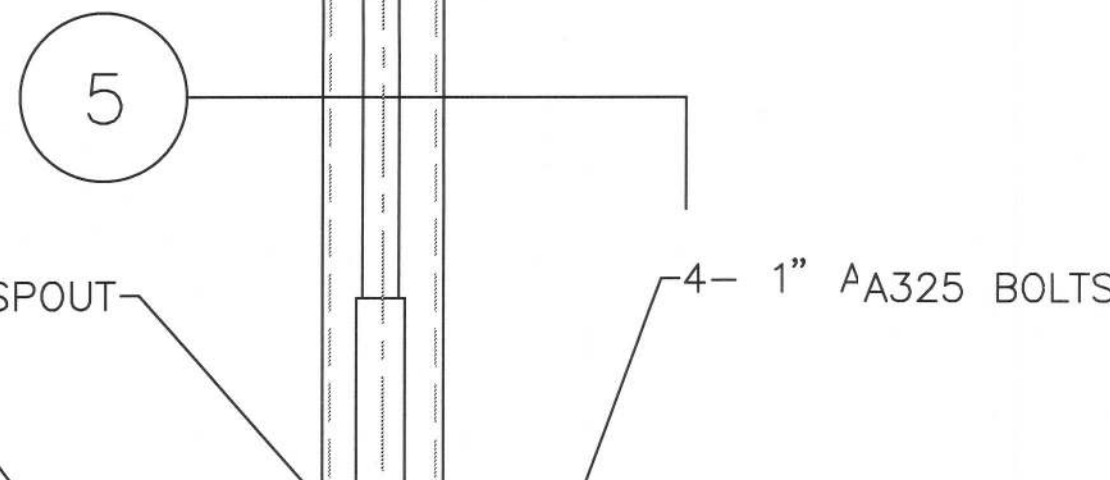
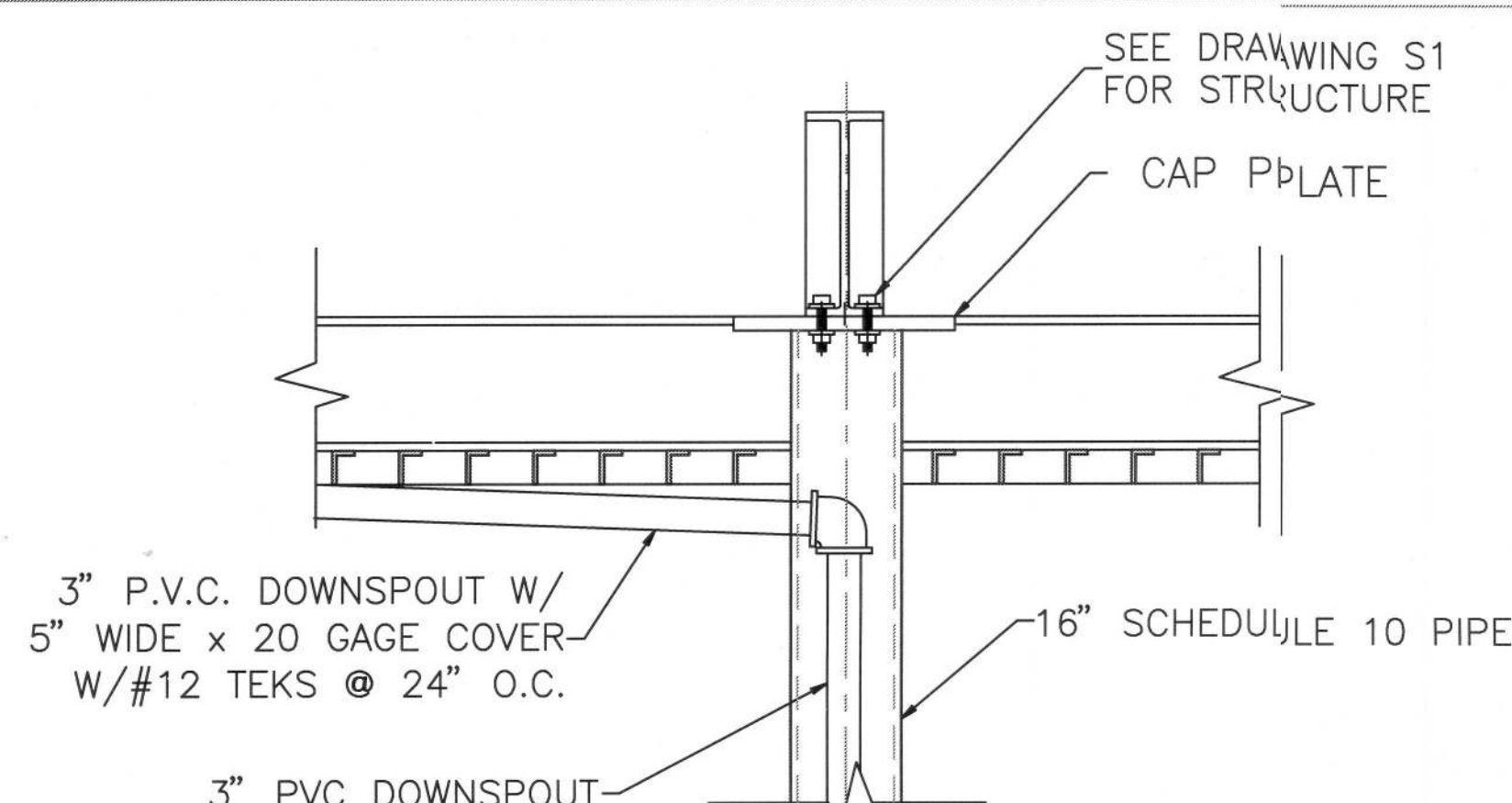
2 SECTION  
S-3 ALL CONNECTIONS OF LITE GAGE FRAMING MEMBERS  
W/(2) #10 X 3/4" TEKS, & TO DECK W/4 #10 X 3/4" TEKS



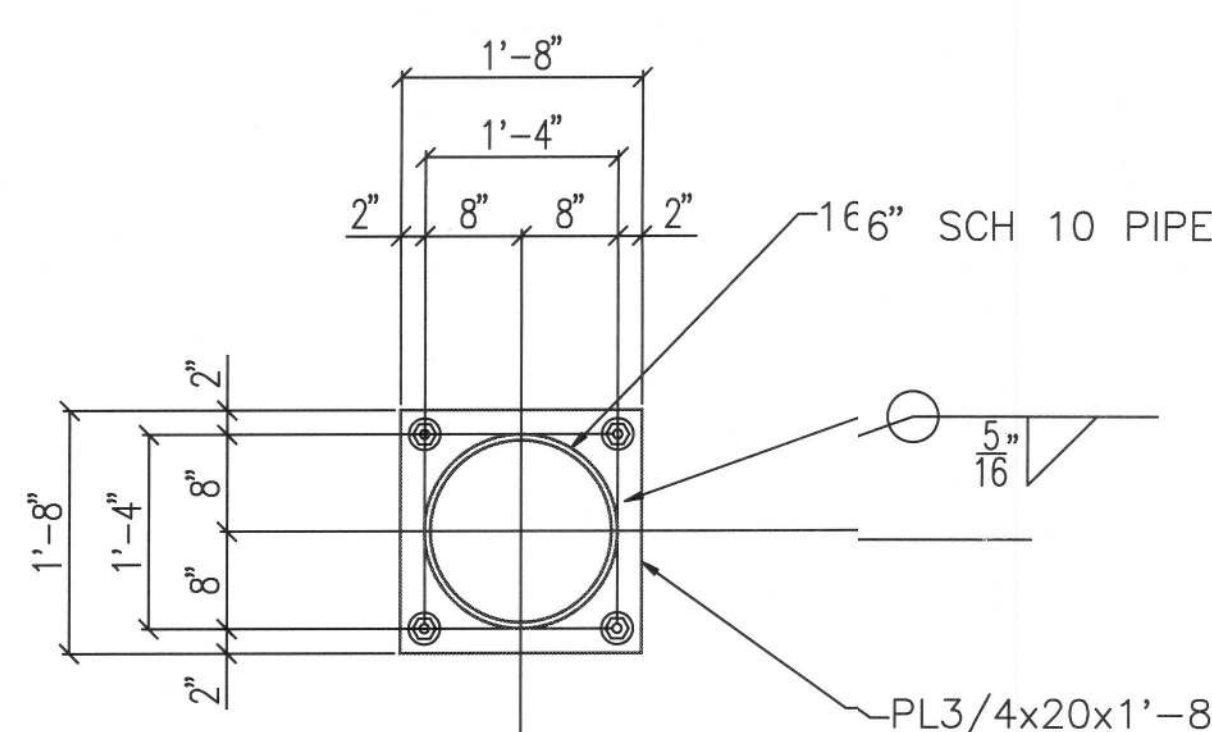
A A.C.M. FRAME DETAIL A  
S-3 ALL CONNECTIONS OF LITE GAGE FRAMING MEMBERS  
W/(2) #10 X 3/4" TEKS, & TO DECK W/4 #10 X 3/4" TEKS



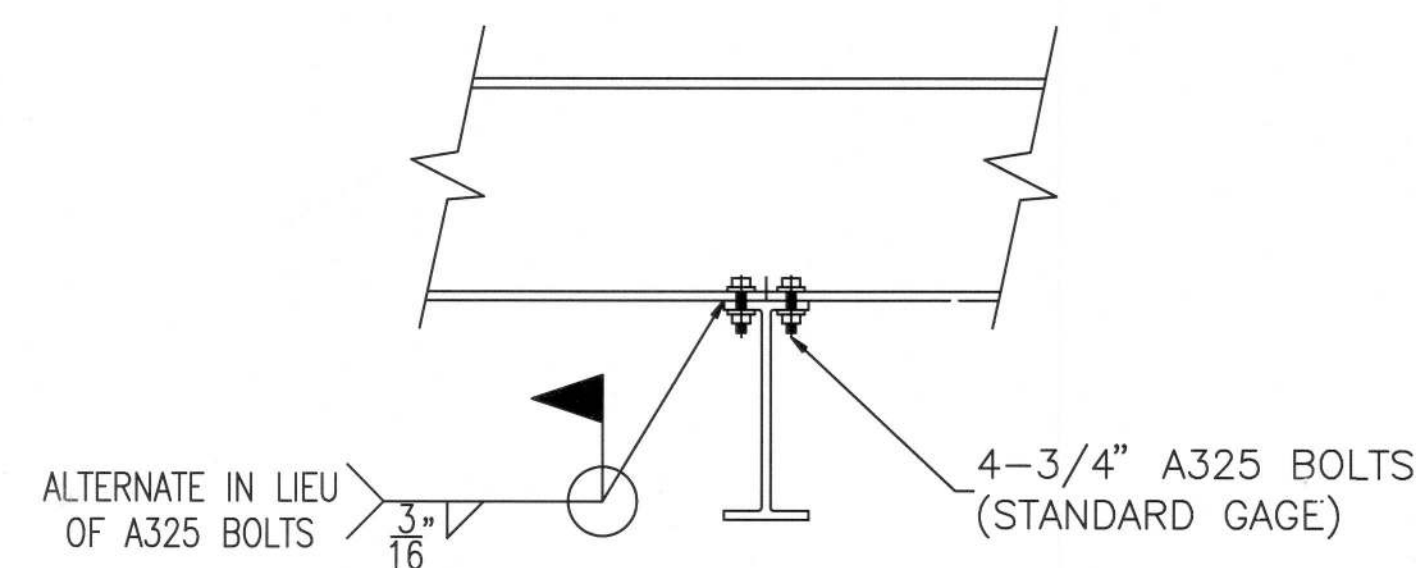
B A.C.M. FRAME DETAIL B  
S-3 ALL CONNECTIONS OF LITE GAGE FRAMING MEMBERS  
W/(2) #10 X 3/4" TEKS, & TO DECK W/4 #10 X 3/4" TEKS



3 COLUMN SECTION  
S-3

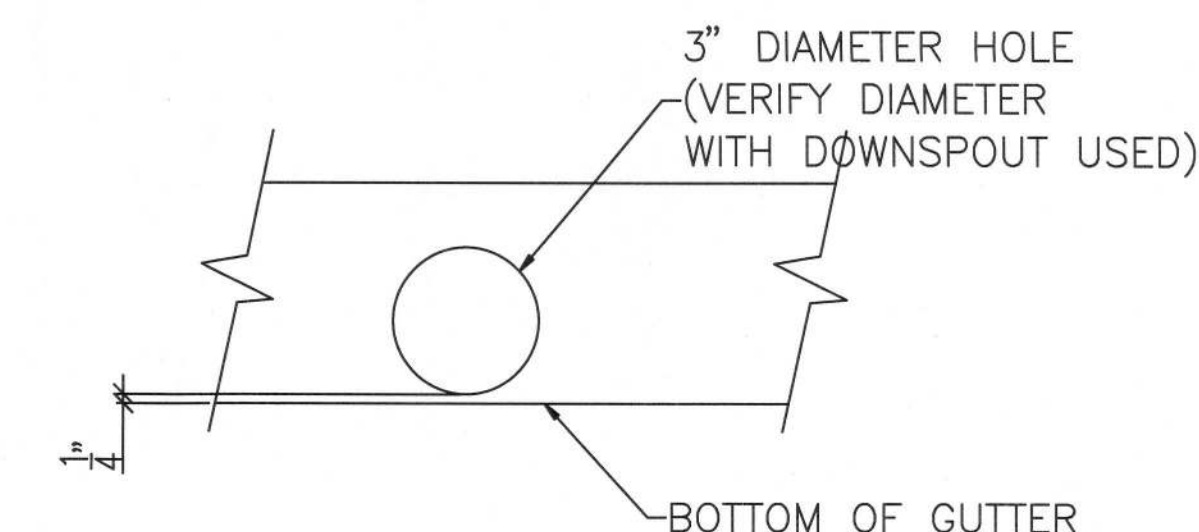


5 FOOTING DETAIL  
S-3

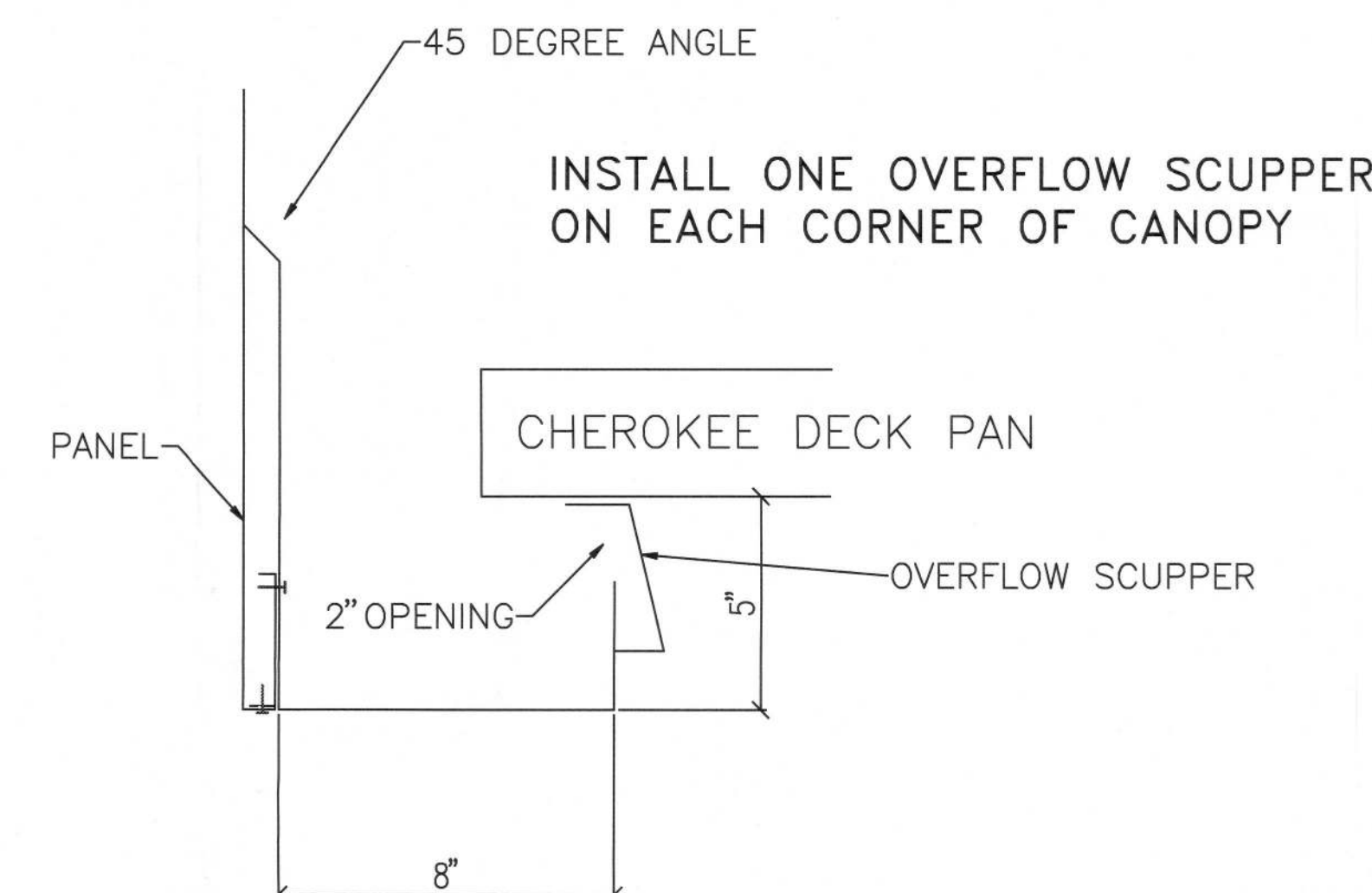


4 FLANGE TO FLANGE  
S-5 BEAM CONNECTION  
SCALE: NONE

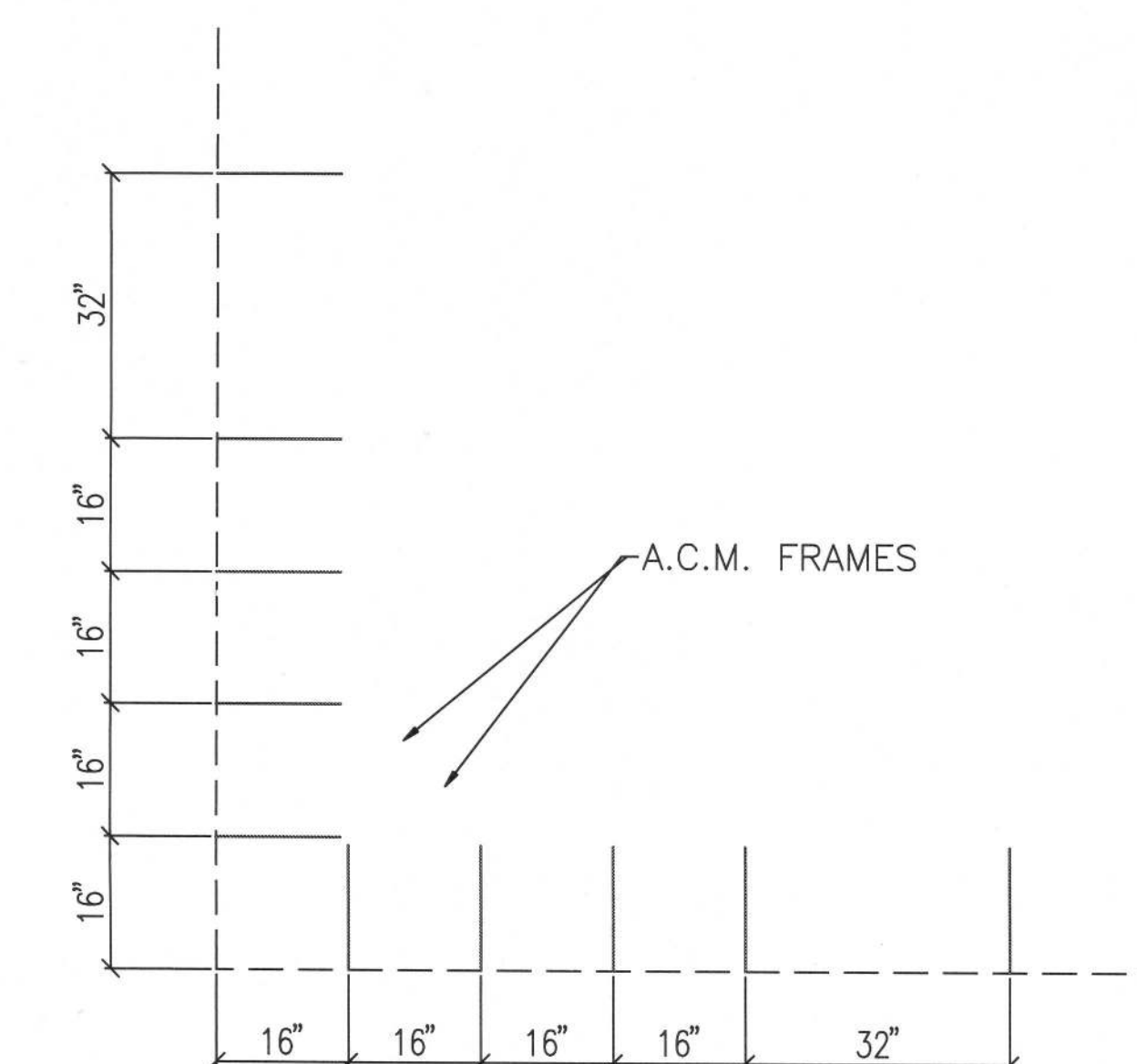
NOTES:  
BOLTS TO BE A325 x 2 1/2"  
W/ WASHERS EACH SIDE  
(4 BOLTS PER CONNECTION)  
CONNECTIONS MAY BE WELDED IN  
LIEU OF BOLTED. ALL WELDS  
SHALL BE IN ACCORDANCE WITH  
AWS SPECIFICATIONS.



6 DOWNSPOUT TO GUTTER  
S-5 HOLE ELEVATION  
SCALE: NONE



7 SCUPPER DETAIL  
S-5 SCALE: NONE



9 A.C.M. FRAME SPACING  
S-5 AT CORNERS

ACTUAL CORNERS SKEWED  
THIS DETAIL REPRESENTS  
SPACING DIMENSIONS OF FRAME  
AT CORNERS SLOPING CORNERS.

8 DRAINAGE ISOMETRIC  
S-3 (DOWNSPOUT ISOMETRIC)  
SCALE: NONE