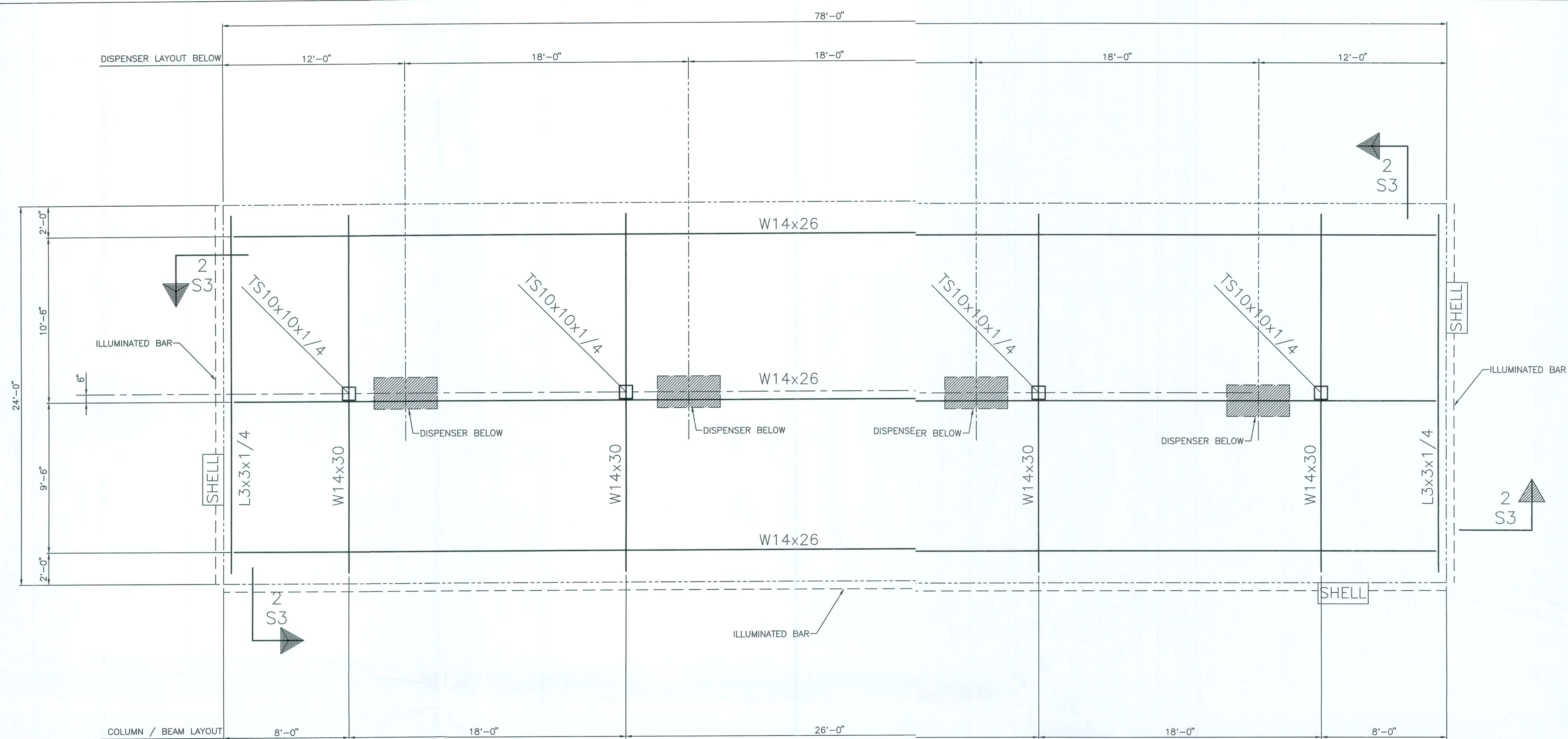




### CANOPY STEEL PLAN

36" A.C.M. FLT FACIA (SHELL LEVEL 3-A)  
COLOR: SHELL YELLOW

SEE SECTION 2/S3 FOR SECTION AT PERIMETER OF CANOPOY  
SEE SECTION 3/S3 FOR SECTION AT COLUMN SHOWING FOOTING  
SEE SECTION 4/S3 FOR FLANGE TO FLANGE CONNECTION ON BEAMS  
SEE SECTION 5/S3 FOR DETAIL OF COLUMN BASE PLATE  
SEE SECTION 6/S3 FOR DOWNSPOUT TO GUTTER HOLE ELEVATION  
SEE SECTION 7/S3 FOR SCUPPER DETAIL  
SEE SECTION 8/S3 FOR COLUMN ISOMETRIC WITH PVC DRAIN

#### SCOPE OF WORK:

\* INSTALL NEW 24'x78' CANOPOY  
\* DESIGN FOR FLA. BUILDING CODE 2004 & ASCE 7-02  
\* WIND LOAD PER 1609 - 110 MPH  
\* 30 PSF PER SQ FT LIVE LOAD  
\* TYPE "M" BUILDING - OCC. 310.1  
\* TYPE IV CONSTRUCTION SEC. 606 - GROUP "M"  
OCCUPANCY  
WIND LOADS-OPEN BUILDINGS PER ASCE7-05  
COMPONENTS & CLADDING-ROOF PRESSURES,  $q=3.1$  FT:  
\* MAX. NEGATIVE WIND LOADS, ZONE 3 = -26.7 PSF  
\* MAX. POSITIVE WIND LOADS, ZONE 3 = 28.2 PSF  
\* BASE PRESSURE,  $q_h = 18.4$  PSF  
FACIA PANELS-HORIZONTAL PRESSURES,  $q_p=15.1$  PSF:  
\* WINDWARD 22.7 PSF  
\* LEEWARD -15.1 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 EXTERIOR BEAMS

#### NOTES:

DESIGN CRITERIA: (ALL DESIGN PER 2004 FLORIDA BUILDING CODE, UNLESS OTHERWISE NOTED)

- LIVE ROOF LOAD ----- 20PSF
- WIND LOAD ----- 110 MPH PER 1609
- ALLOWABLE UNIT STRESS:
  - CONCRETE ----- 3000 PSI
  - REBAR ----- ASTM A3615 GRADE 10 & A305
  - HIGH TENSILE BOLTS ----- A325
  - WELD ELECTRODES ----- A233, CLASS E70XX
  - SOIL BEARING ----- 2,500 PSF
  - STEEL DESIGN ----- CURRENT AISC MANUAL (A36)

#### GENERAL STRUCTURAL NOTES:

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

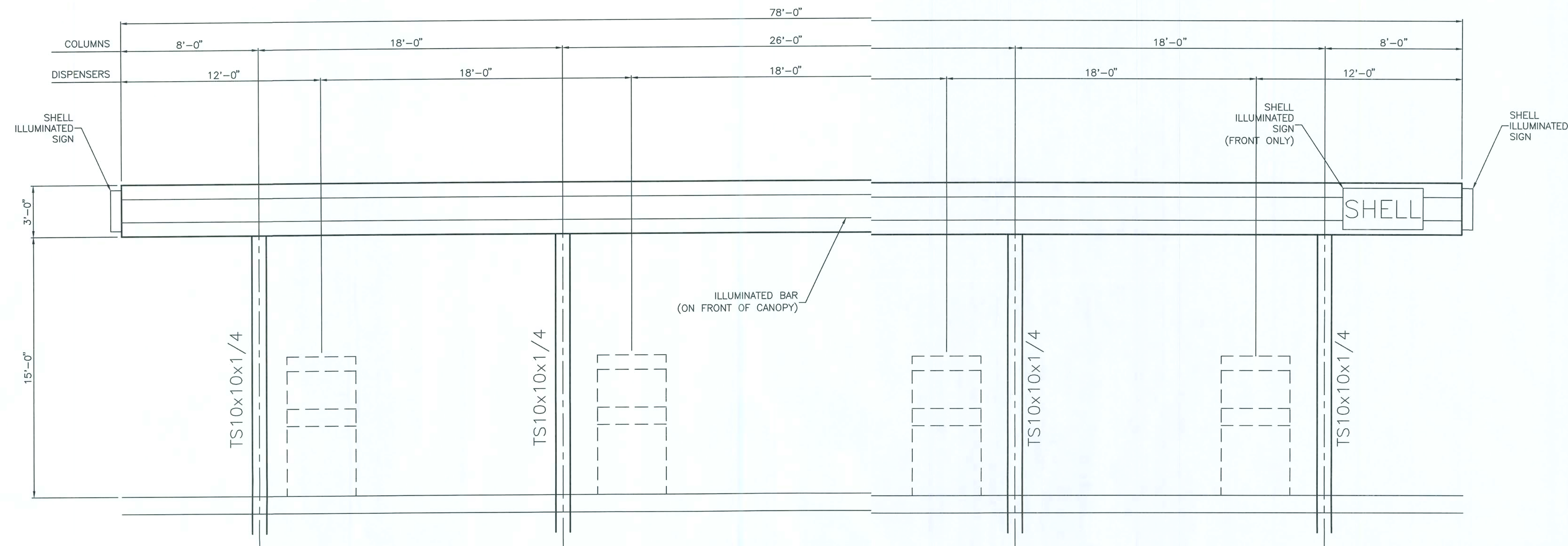
AUSTIN ACE, P.E.  
5908 ORCHARD POND DRIVE  
ORANGE PARK, FL 32003  
(904) 716-3661  
CAN-8341

S&S STORE #29, F.A.C. #12/8519206  
1570 Pinemont Road  
LAKE CITY, FLORIDA 32024 (COLUMBIA COUNTY)  
STEEL FRAMING PLAN AND NOTES

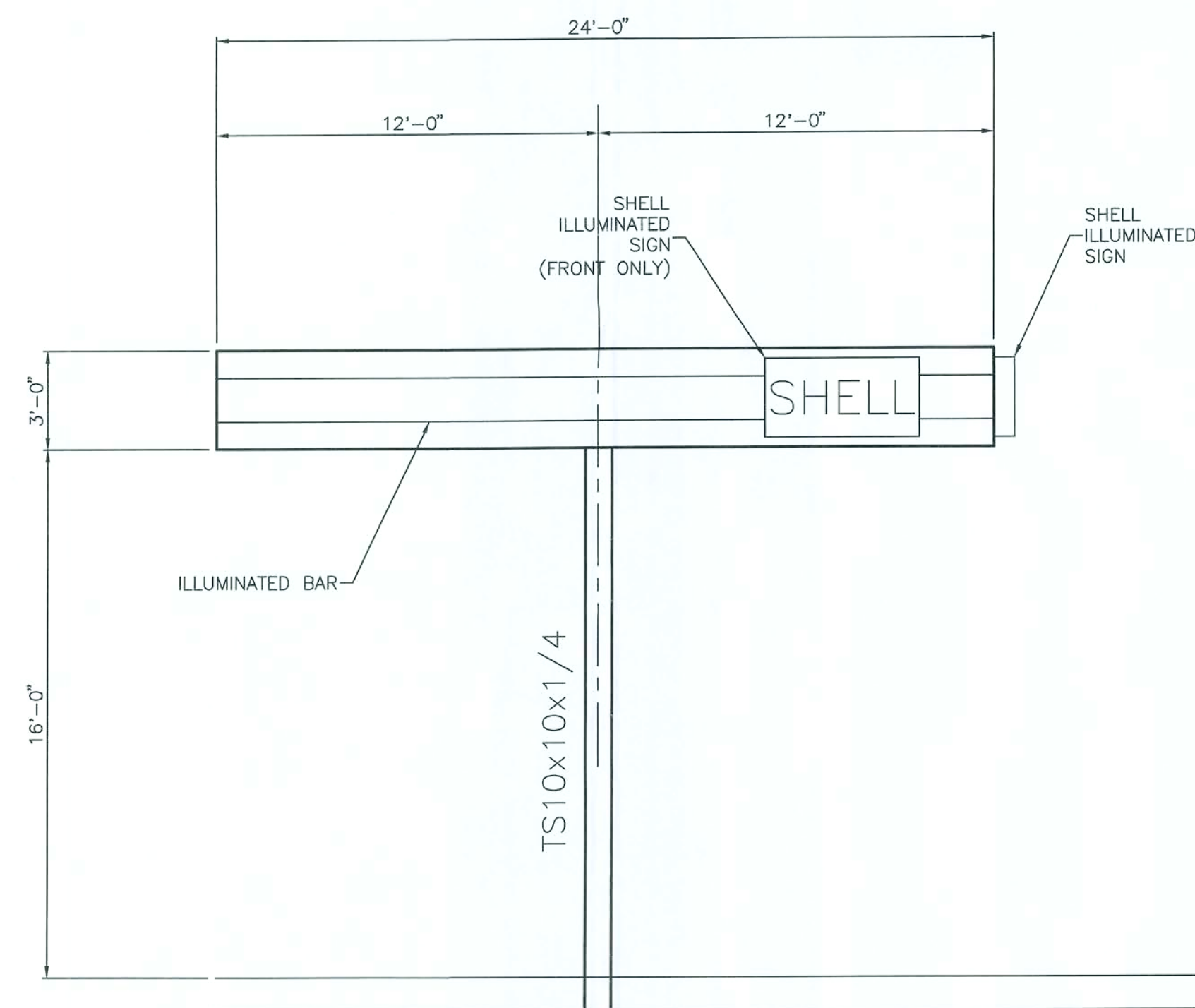
CARR-TECH INDUSTRIES, INC.  
5988 COLLINS ROAD  
JACKSONVILLE, Florida 32244  
(904) 771-2340

9-4-07  
8-14-07  
DWN. BY SC  
DATE 8-07  
CHK'D BY GKI  
DATE 8-07  
JOB NO.  
DWS NO.  
S-1

SEP 06 2007



**CANOPY FRONT & BACK ELEVATION**  
 36" A.C.M. FLAT FACIA (SHELL LEVEL 3-A)  
 COLOR: SHELL YELLOW



**GAS CANOPY SIDE ELEVATION**

**CARR-TECH INDUSTRIES, INC.**  
 5988 COLLINS ROAD  
 JACKSONVILLE, FLORIDA 32244  
 (904) 771-2340

**S&S STORE #29, F.A.C. #12/8519206**  
 1570 Pinemount Road  
 LAKE CITY, FLORIDA 32024 (COLUMBIA COUNTY)  
 STEEL FRAMING PLAN AND NOTES

9-4-2007  
 8-14-07  
 DWN. BY SC  
 DATE 8-07  
 CK'D BY GKI  
 DATE 8-07

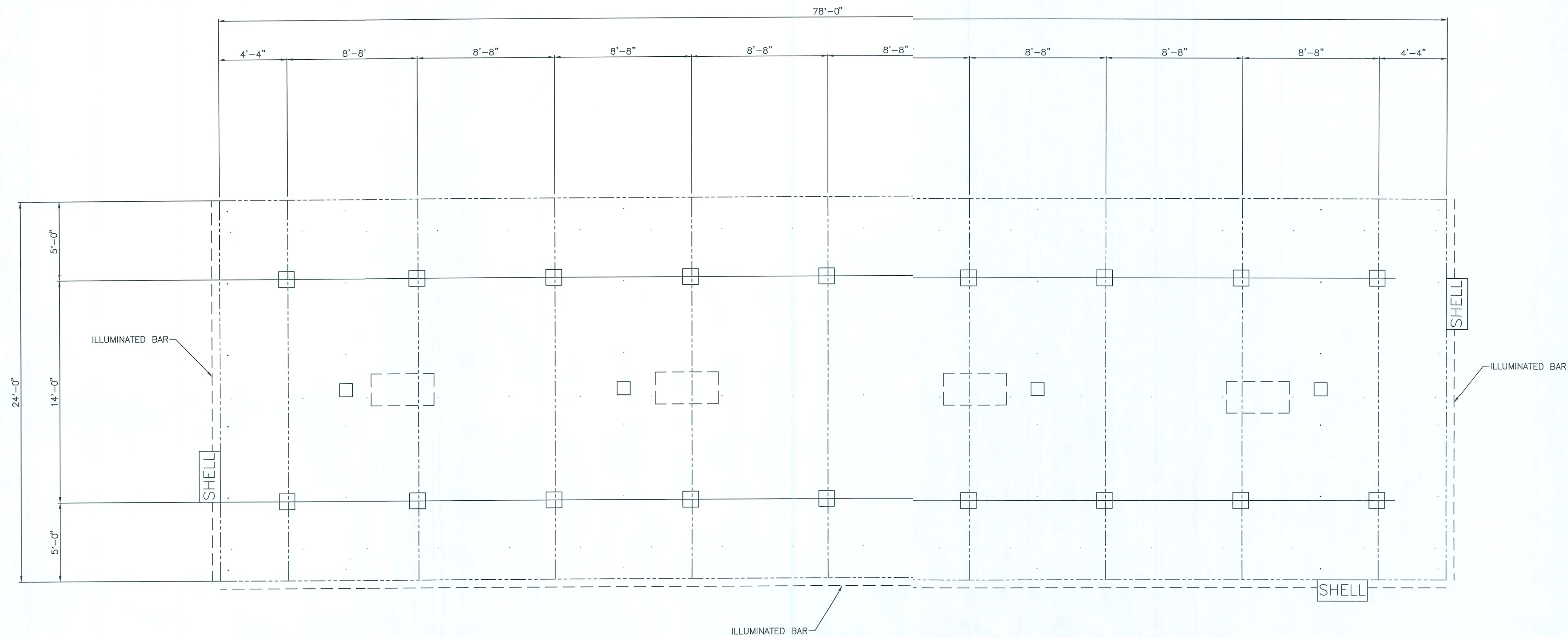
JOB NO.

DWG NO.  
**S-2**

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

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
|      |      |             |
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SEP 06 2007

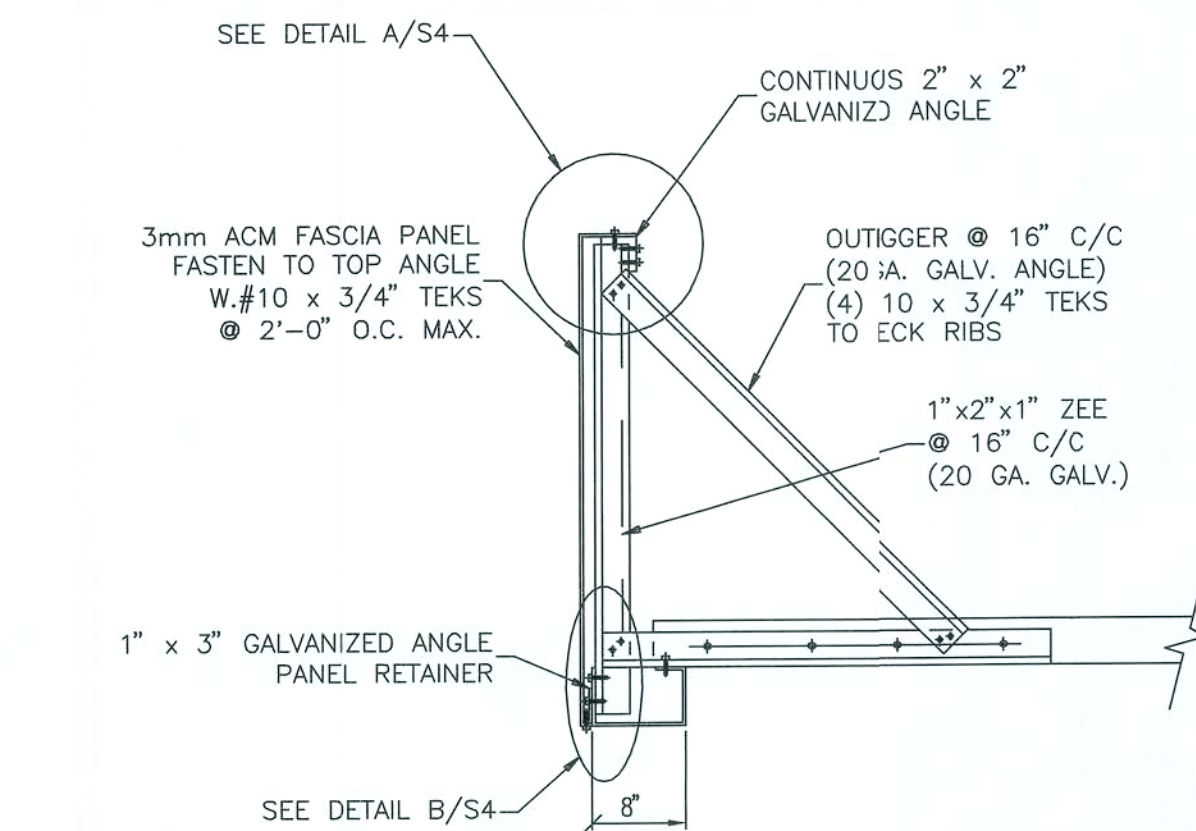


CANOPY LIGHTING PLAN  
36" A.C.M. FLAT FACIA (SHELL LEVEL 3--A)  
COLOR: SHELL YELLOW

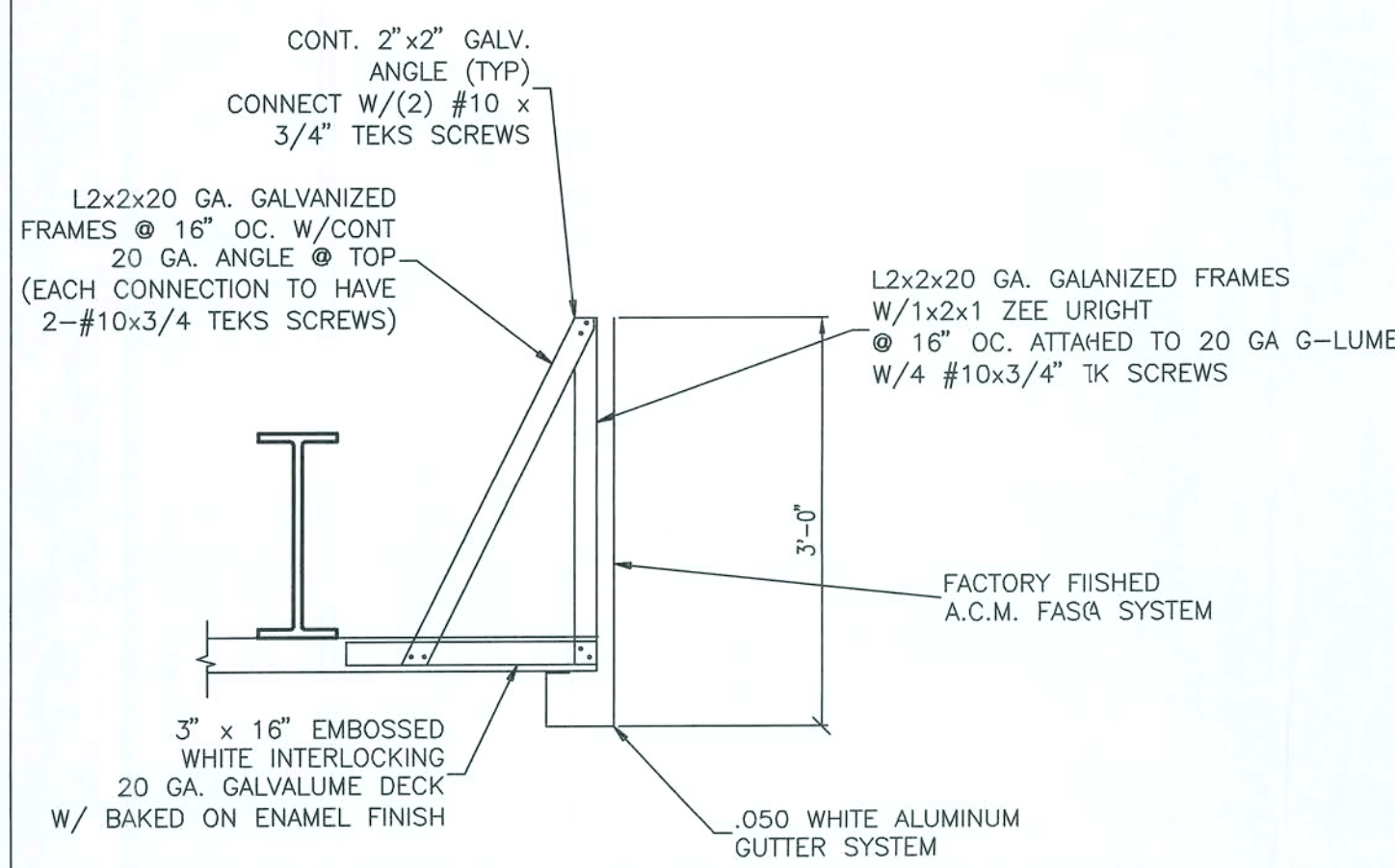
- NOTES:
1. PROVIDE (1) OVERFLOW SCUPPER @ EACH CORNER
  2. PROVIDE (18) NEW 320W LIGHTS
  3. ALLOW 5 - 20A CIRCUITS FOR LIGHTS
  4. ALLOW 3 - 20A CIRCUIT FOR SIGNS
  5. 3/4" CONDUITS ARE EXISTING FROM CANOPY TO STORE PANEL
  6. ELECTRICIAN TO PULL SEPARATE PERMIT FOR ELECTRIC

|                                                                                                  |                                                                                                                                        |                 |      |             |                                                                                                    |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------------|----------------------------------------------------------------------------------------------------|
| CARR-TECH INDUSTRIES, INC.<br>5988 COLLINS ROAD<br>Jacksonville, Florida 32244<br>(904) 771-2340 | S&S STORE #29, F.A.C. #12/8519206<br>1570 Pinemount Road<br>LAKE CITY, FLORIDA 32024 (COLUMBIA COUNTY)<br>STEEL FRAMING PLAN AND NOTES | REV.            | DATE | DESCRIPTION | AUSTIN ACE, P.E.<br>5908 ORCHARD POND DRIVE<br>ORANGE PARK, FL 32003<br>(904) 716-3661<br>CAN-8341 |
|                                                                                                  |                                                                                                                                        |                 |      |             |                                                                                                    |
|                                                                                                  |                                                                                                                                        |                 |      |             |                                                                                                    |
| 9-4-07<br>8-14-07                                                                                |                                                                                                                                        | DWG. NO.<br>S-3 |      |             |                                                                                                    |
| DWG. BY: SC                                                                                      |                                                                                                                                        | JOB NO.         |      |             |                                                                                                    |
| DATE: 8-07                                                                                       |                                                                                                                                        |                 |      |             |                                                                                                    |
| CK'D BY: GKI                                                                                     |                                                                                                                                        |                 |      |             |                                                                                                    |
| DATE: 8-07                                                                                       |                                                                                                                                        |                 |      |             |                                                                                                    |

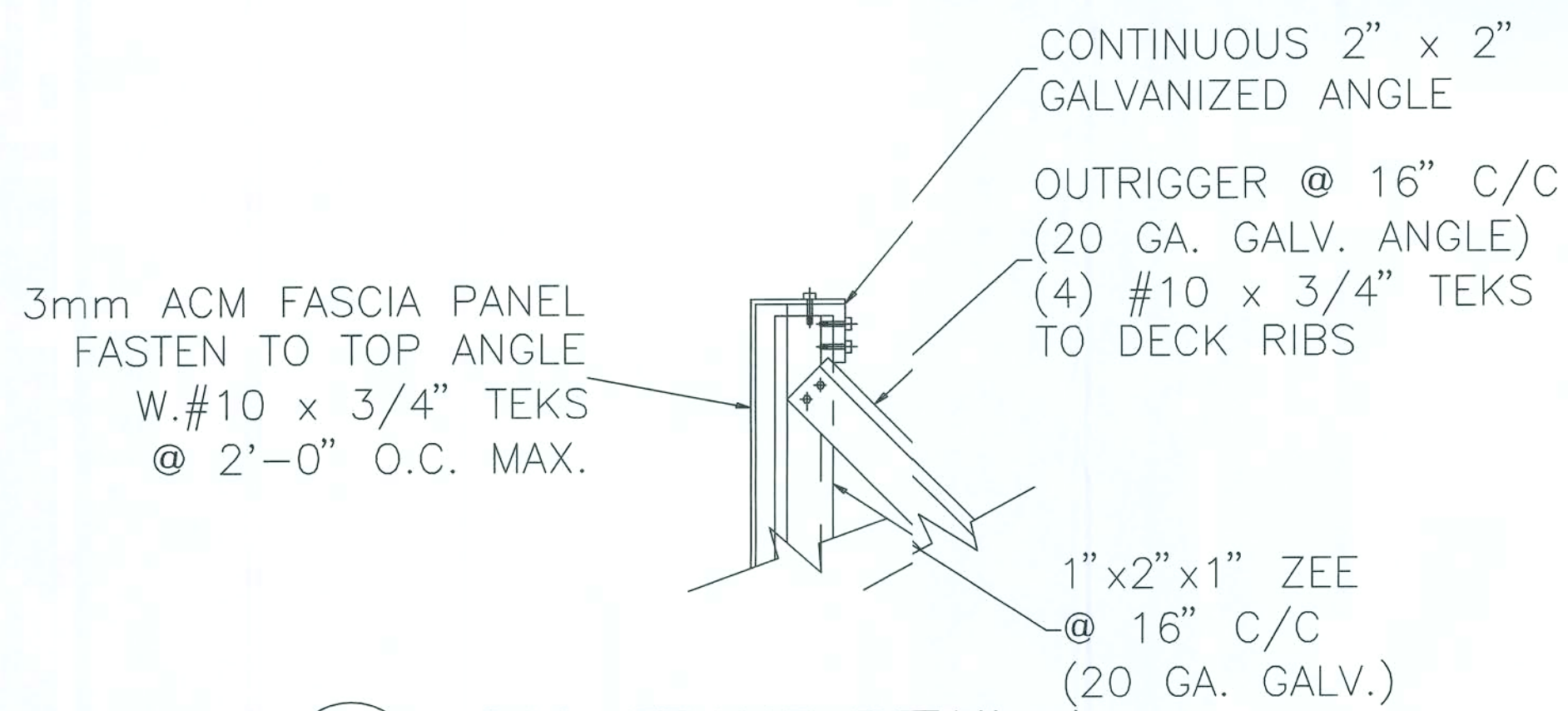
SEP 06 2007



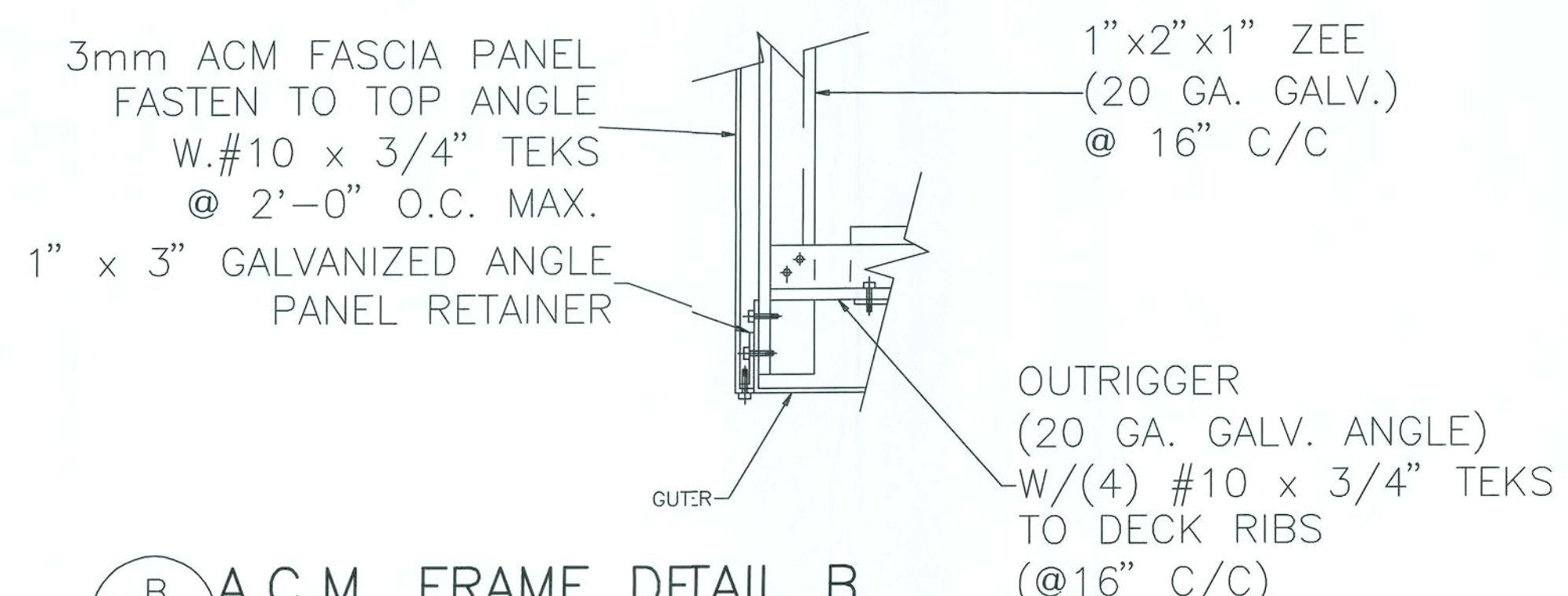
1 TYPICAL A.C.M. FRAME DETAIL  
ALL CONNECTIONS OF LITE GAGE FRAMING MEMBERS  
W/(2) #10 X 3/4" TEKS, & TO DECK W/ #10 X 3/4" TEKS



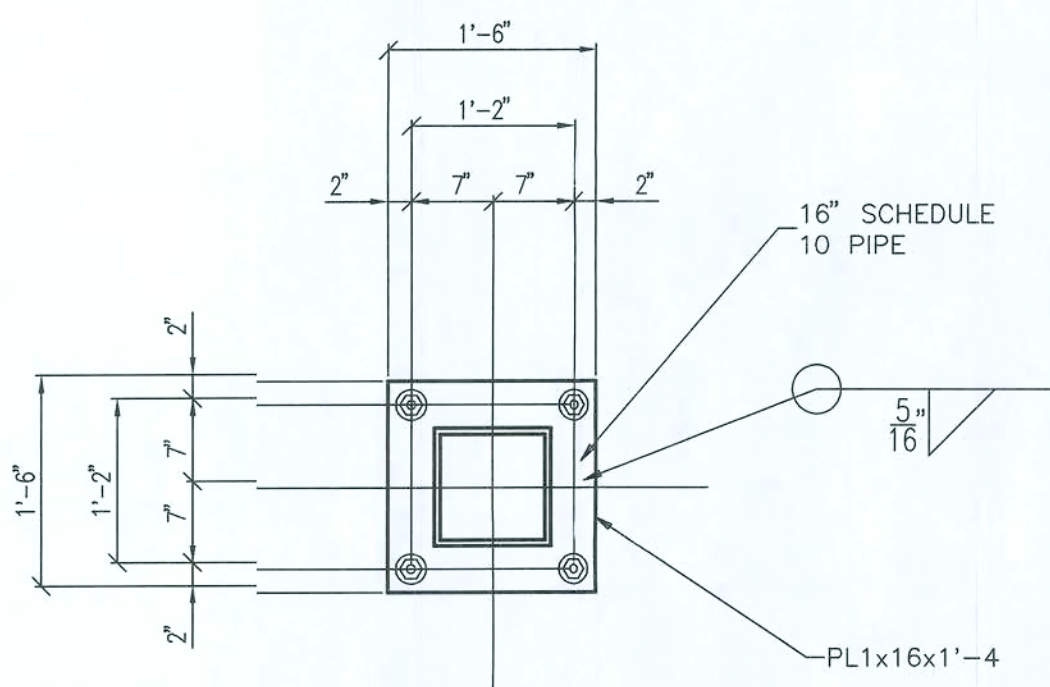
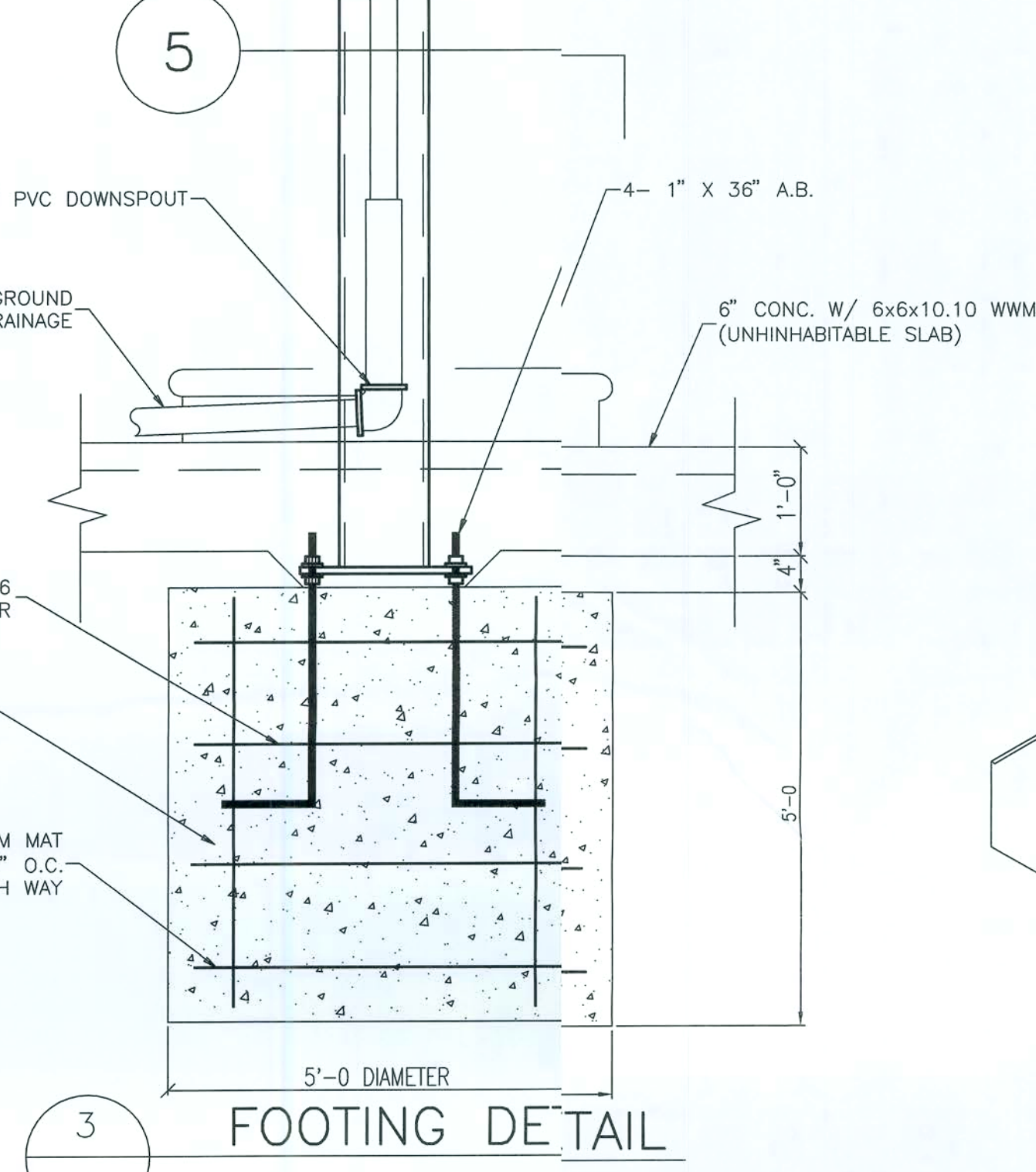
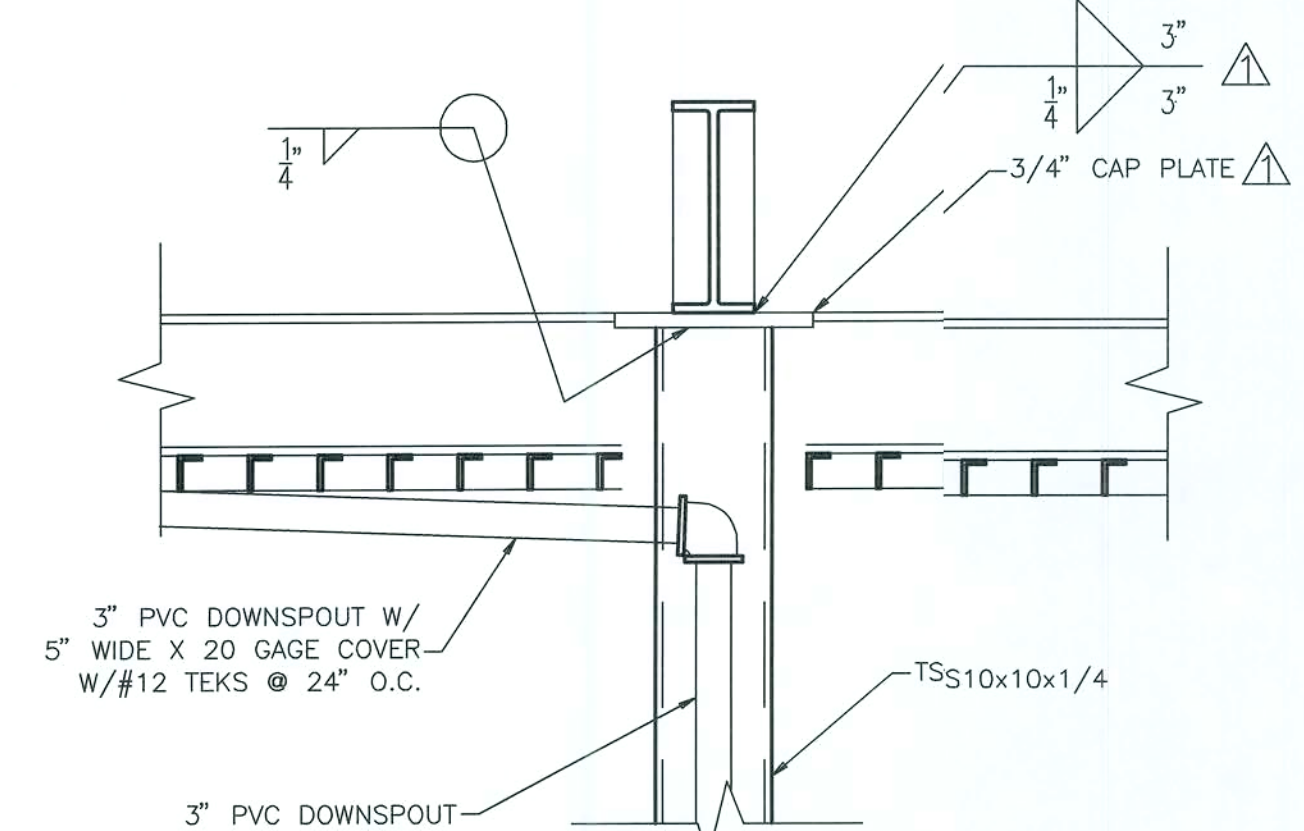
2 SECTION  
S4 ALL CONNECTIONS OF LITE GAGE FRAMING MEMBERS  
W/(2) #10 X 3/4" TEKS, & TO DECK W/4 #0 X 3/4" TEKS



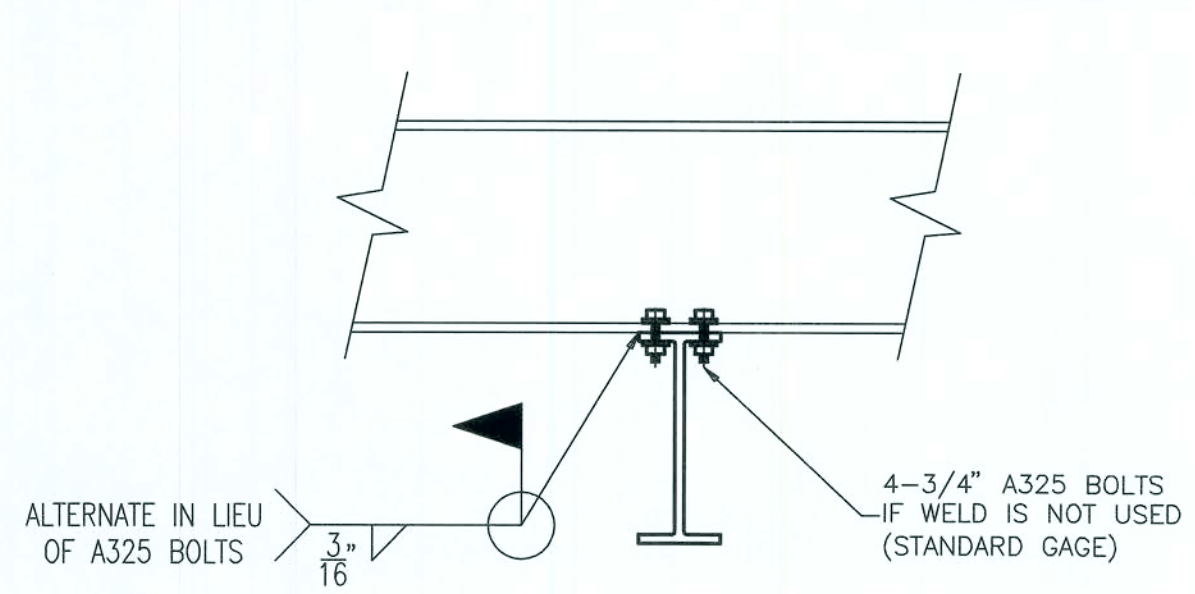
A A.C.M. FRAME DETAIL A  
ALL CONNECTIONS OF LITE GAGE FRAMING MEMBERS  
W/(2) #10 X 3/4" TEKS, & TO DECK W/4 #10 X 3/4" TEKS



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



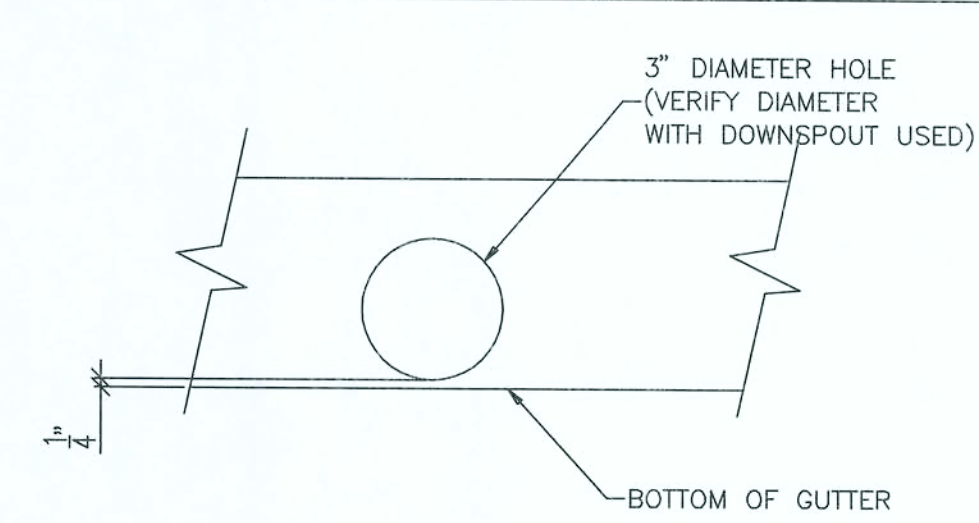
5 FOOTING DETAIL



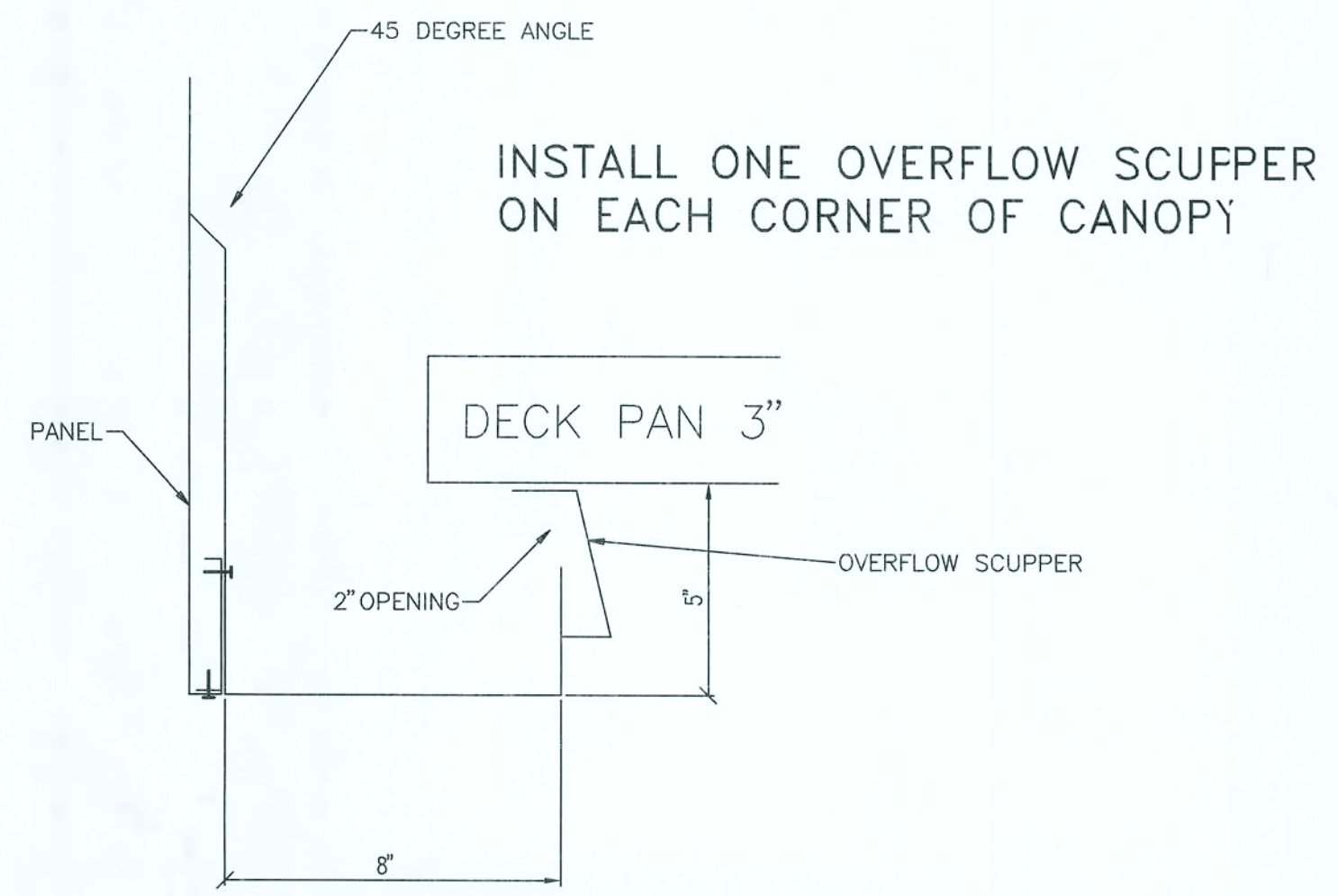
4 FLANGE TO FLANGE  
BEAM CONNECTION  
SCALE: NONE

NOTES:  
BOLTS TO BE A325 x 2 1/2\"/>

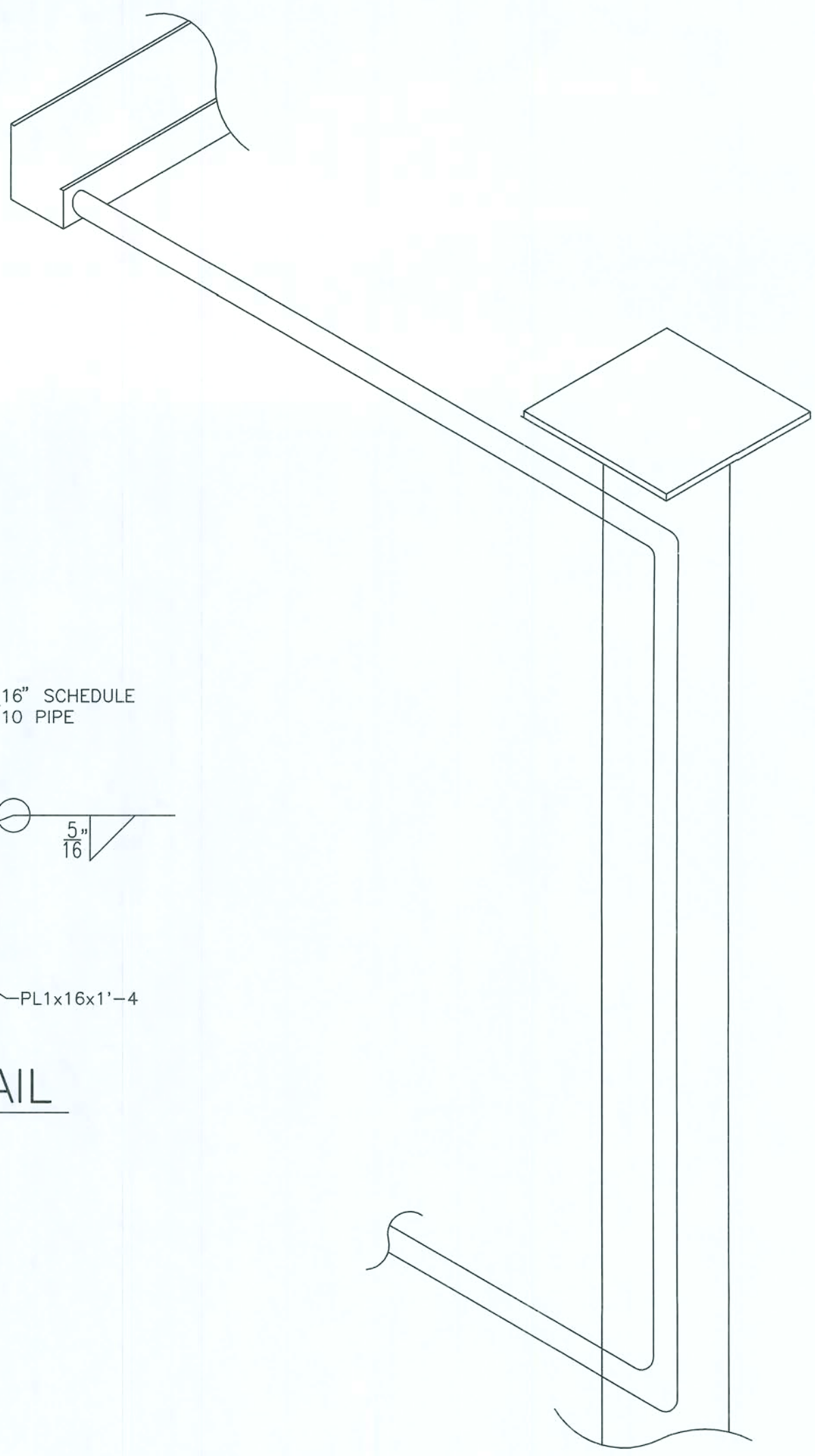
CONNECTIONS MAY BE WELDED IN LIEU OF BOLTED. ALL WELDS SHALL BE IN ACCORDANCE WITH AWS SPECIFICATIONS.



6 DOWNSPOUT TO GUTTER  
HOLE ELEVATION  
SCALE: NONE



7 SCUPPER DETAIL  
SCALE: NONE



8 DRAINAGE ISOMETRIC  
(DOWNSPOUT ISOMETRIC)  
SCALE: NONE

|                                                                                                                                                   |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>AUSTIN ACE, P.E.</b><br>5908 ORCHARD POND DRIVE<br>ORANGE PARK, FL 32003<br>(904) 716-3661<br>CAN-8341                                         |  |
| DESCRIPTION                                                                                                                                       |  |
| DATE                                                                                                                                              |  |
| REV.                                                                                                                                              |  |
| <b>S&amp;S STORE #29, F.A.C. #12/8519206</b><br>1570 Pinehurst Road<br>LAKE CITY, FLORIDA 32024 (COLUMBIA COUNTY)<br>STEEL FRAMING PLAN AND NOTES |  |
| <b>CARR-TECH INDUSTRIES, INC.</b><br>5988 COLLINS ROAD<br>Jacksonville, Florida 32244<br>(904) 771-2340                                           |  |
| 9-4-07<br>8-14-07<br>DWN. BY: SC<br>DATE: 8-07<br>CK'D BY: GKI<br>DATE: 8-07<br>JOB NO.<br>DWG NO.<br><b>S-4</b>                                  |  |

SEP 06 2007