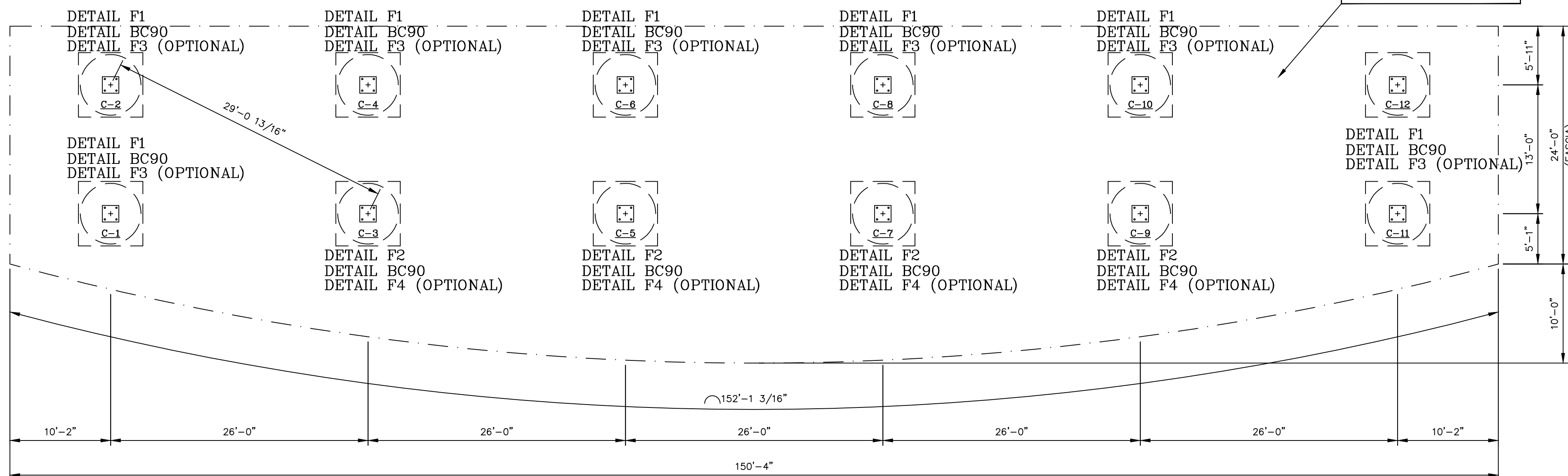
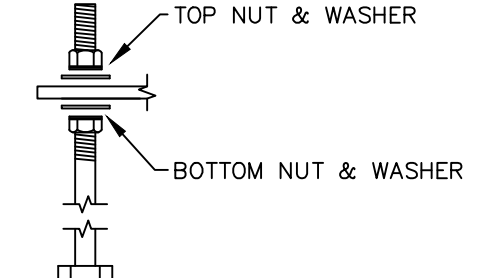


BLDG



ANCHOR BOLT NUT TIGHTENING PROCEDURE:

SET AND PLUMB THE COLUMN, PER AISC ERECTION PROVISIONS, WITH DOUBLE NUTS ON THE REQUIRED NUMBER OF ANCHOR BOLTS. THE BOTTOM NUT SHALL HAVE A FLAT WASHER BETWEEN THE BOTTOM OF BASEPLATE AND THE TOP OF THE NUT. THE TOP NUT SHALL HAVE A WASHER BETWEEN THE TOP OF BASEPLATE AND THE BOTTOM OF THE NUT. AFTER THE COLUMN IS SET AND PLUMBED, TIGHTEN THE TOP NUT TO A SNUG TIGHT CONDITION WITH TOP OF THE BASEPLATE (FULL EFFORT OF A MAN ON A WRENCH).



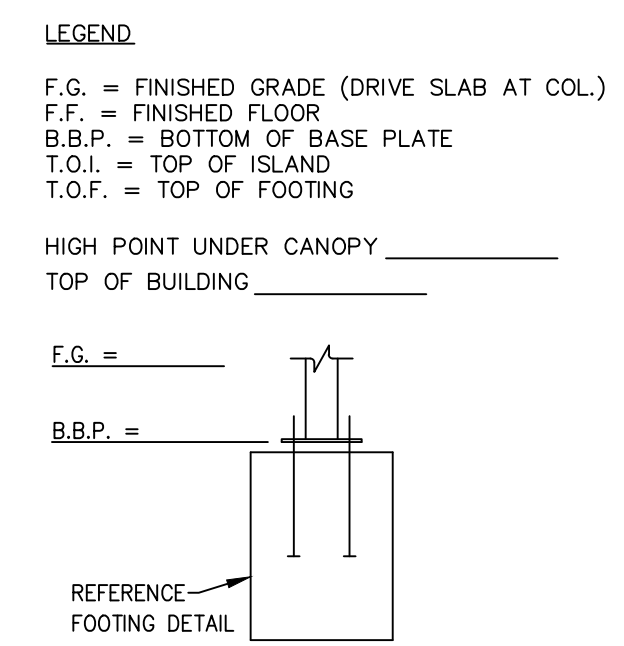
FOOTING SIZES		
SOIL BEARING	DETAIL F1/F3	DETAIL F2/F4
1500	4'-0" SQ x 5'-0" DEEP or 5'-0" x 5'-0" DEEP	6'-0" SQ x 5'-0" DEEP or 6'-0" x 5'-0" DEEP
2000	4'-0" SQ x 5'-0" DEEP or 4'-0" x 5'-0" DEEP	5'-0" SQ x 5'-0" DEEP or 6'-0" x 5'-0" DEEP
2500	4'-0" SQ x 4'-6" DEEP or 4'-0" x 5'-0" DEEP	5'-0" SQ x 5'-0" DEEP or 5'-0" x 5'-0" DEEP
3000	4'-0" SQ x 4'-0" DEEP or 4'-0" x 5'-0" DEEP	5'-0" SQ x 5'-0" DEEP or 5'-0" x 5'-0" DEEP

FOUNDATION PLAN

ALL DIAGONAL DIMENSIONS SHOWN ARE GIVEN TO CL OF COLUMN

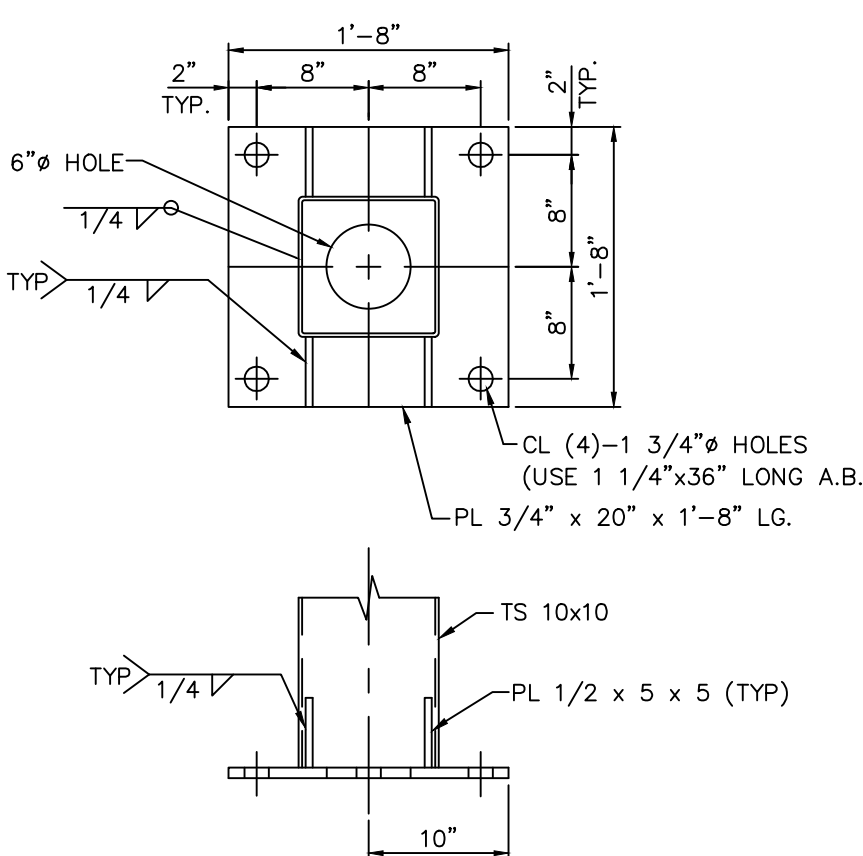
FOOTING REBAR NOTE:
REBAR MATS / CAGES TO BE CONSTRUCTED WITH TIES PER ACI REQUIREMENTS. WELDING OF REBAR MATS / CAGES IS NOT ALLOWABLE WITHOUT APPROVAL FROM ENGINEER OF RECORD.

- NOTES:
1.) REBAR DETAILS:
SQUARE PIER FOOTINGS: #4 BARS @ 8" C-C EACH WAY - TWO LAYERS (TOP AND BOTTOM)
ROUND PIER FOOTINGS: 4" DIAMETER - (8) #5 VERTICAL BARS EQ. SPACED ON 36" DIAMETER CIRCLE. #4 ROUND TIES @ 12" C-C MAX SPACING
ROUND PIER FOOTINGS: 5" DIAMETER - (12) #6 VERTICAL BARS EQ. SPACED ON 48" DIAMETER CIRCLE. #4 ROUND TIES @ 12" C-C MAX SPACING
ROUND PIER FOOTINGS: 6" DIAMETER - (18) #6 VERTICAL BARS EQ. SPACED ON 60" DIAMETER CIRCLE. #4 ROUND TIES @ 12" C-C MAX SPACING

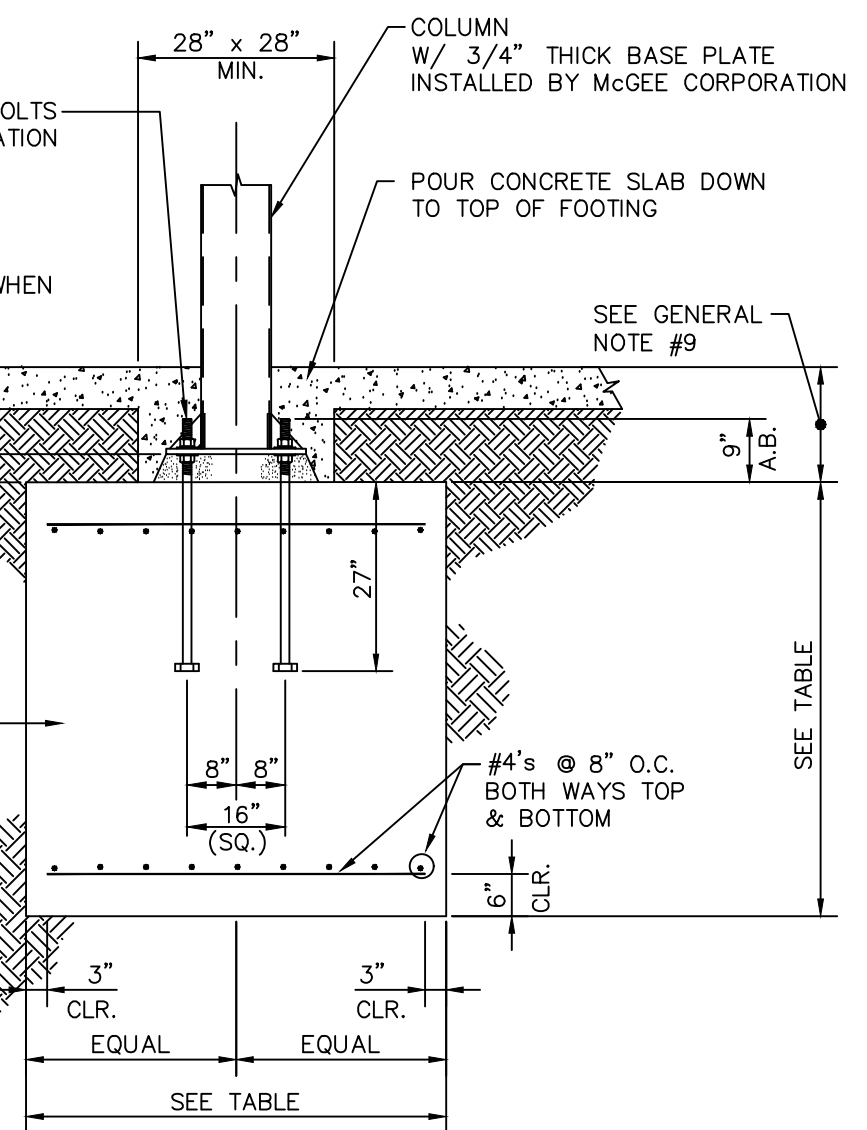


COLUMN NO.	FINISH GRADE	BOTTOM OF BASEPLATE
C-1	F.G. = 0"	B.B.P. = TBD
C-2	F.G. = 0"	B.B.P. = TBD
C-3	F.G. = 0"	B.B.P. = TBD
C-4	F.G. = 0"	B.B.P. = TBD
C-5	F.G. = 0"	B.B.P. = TBD
C-6	F.G. = 0"	B.B.P. = TBD
C-7	F.G. = 0"	B.B.P. = TBD
C-8	F.G. = 0"	B.B.P. = TBD
C-9	F.G. = 0"	B.B.P. = TBD
C-10	F.G. = 0"	B.B.P. = TBD
C-11	F.G. = 0"	B.B.P. = TBD
C-12	F.G. = 0"	B.B.P. = TBD

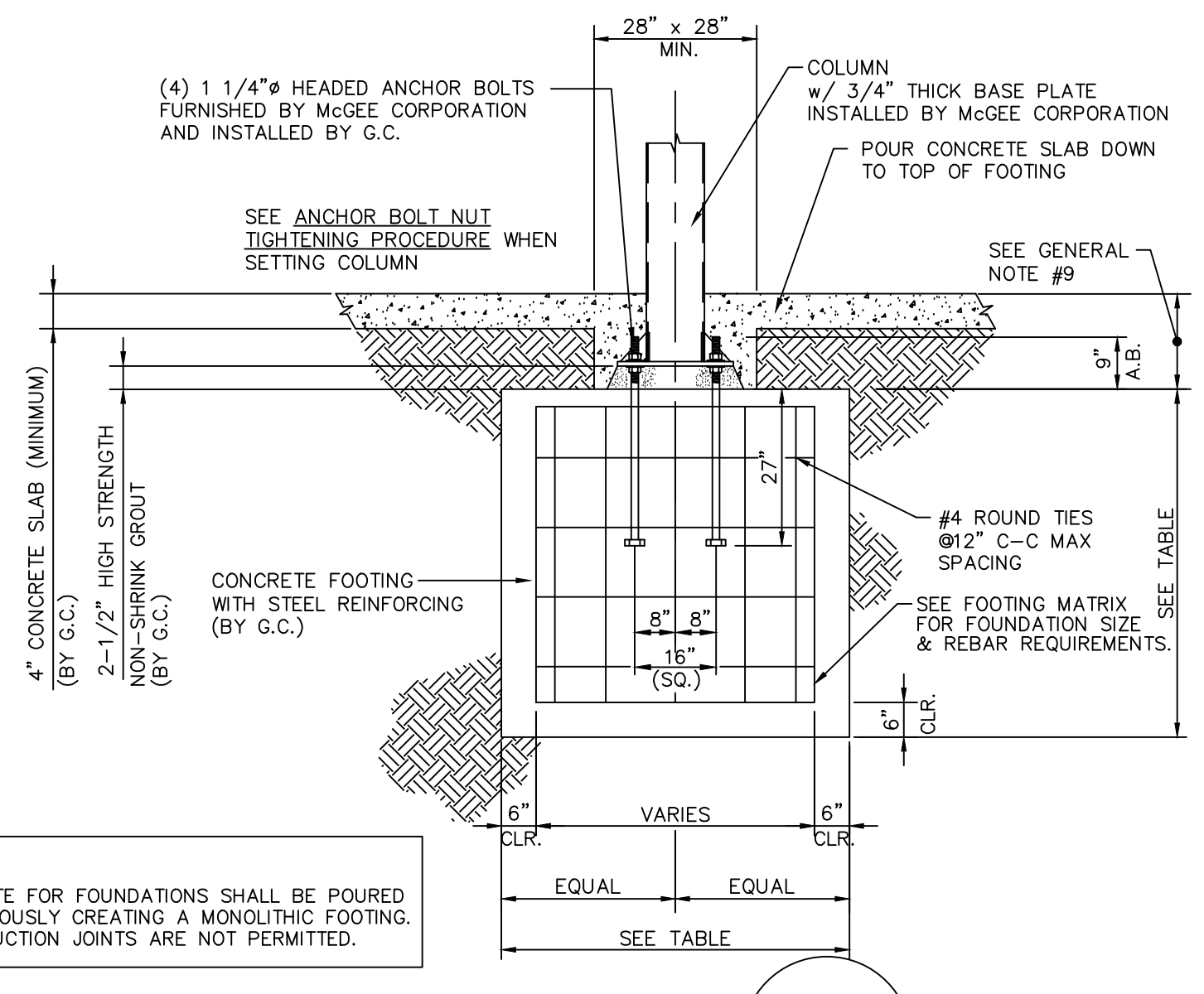
NOTE:
CONCRETE FOR FOUNDATIONS SHALL BE POURED CONTINUOUSLY CREATING A MONOLITHIC FOOTING. CONSTRUCTION JOINTS ARE NOT PERMITTED.



DETAIL BC90
REV. 2-13-02

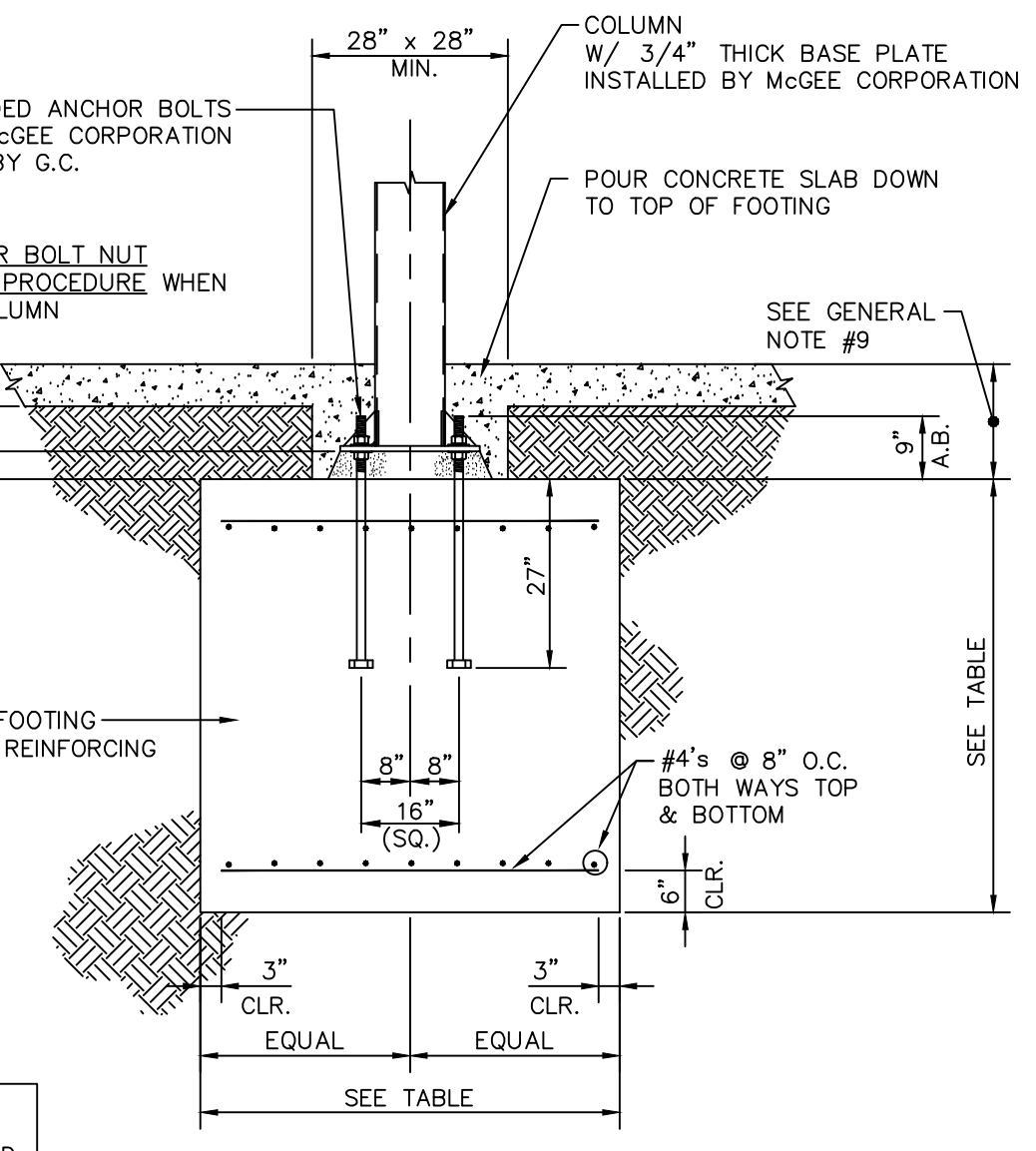


DETAIL F2
REV. 01/22/03



DETAIL F3/F4
REV. 01/22/03

NOTE:
CONCRETE FOR FOUNDATIONS SHALL BE POURED CONTINUOUSLY CREATING A MONOLITHIC FOOTING. CONSTRUCTION JOINTS ARE NOT PERMITTED.



DETAIL F1
REV. 01/22/03

GENERAL NOTES:

- ERECTION OF STEEL STRUCTURE SHALL BE PERFORMED PER ALL AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) ERECTION PROVISIONS.
- ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH ACI "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", (ACI 318-14). ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI AND A MINIMUM UNIT WEIGHT OF 145 PCF. REINFORCING STEEL SHALL BE NEW BILLET STEEL DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60.
- STRUCTURAL STEEL SHALL CONFORM TO:
 - Wide Flange Beams - ASTM A992, Grade 50, Fy = 50 KSI
 - Structural Angle and Channel - ASTM A36, Fy = 36 KSI
 - Structural Plate - ASTM A572, Grade 50, Fy = 50 KSI
 - Structural Tubing - ASTM A500, Grade B, Fy = 46 KSI
 - Structural Pipe - ASTM A500, Grade B, Fy = 42 KSI
- LIGHT GAUGE COLD FORMED SHAPES SHALL CONFORM TO ASTM A653 AND ASTM C-955. ALL MEMBERS SHALL BE FORMED FROM MATERIAL HAVING A 50 KSI MINIMUM YIELD STRENGTH.
- BOLTS SHALL CONFORM TO ASTM A325 FOR STRUCTURAL STEEL CONNECTIONS. BOLTS SHALL BE TIGHTENED TO SNUG TIGHT PER AISC 4 RCSC SPECIFICATIONS.
- MINIMUM REQUIRED SOIL BEARING PRESSURE OF 2500 PSF PER GEOTECH REPORT 1-20-0483-EA SHALL BE PROVIDED BY THE OWNER.
- DESIGN CRITERIA: 2018 NC BUILDING CODE (2015 IBC W/ NC AMENDMENTS)
 - Roof Live Load = 20 PSF
 - Roof Snow Load (ASCE 7-10):
 - Ground Snow Load - Pg = 1.0 PSF
 - Flat Roof Snow Load - P_f = 1.0 PSF
 - Snow Exposure Factor - Ce = 1.0
 - Snow Importance Factor - I_s = 1.0 (Risk Category II)
 - Thermal Factor - Ct = 1.2
 - Wind Load (ASCE 7-10):
 - Ultimate Wind Speed (3-sec. Gust) - V = 120 MPH
 - Lateral = 25 PSF (0.6 W FOR ASD)
 - Uplift = 20 PSF (0.6 W FOR ASD)
 - Wind Importance Factor - I_w = 1.0 (Risk Category II)
 - Wind Exposure = "B"
 - Internal Pressure Coefficients - GCp1 = 0.00 (Open Bldg.)
- SEISMIC LOAD: (ASCE 7-10)
 - Seismic Importance Factor - I_e = 1.00 (Risk Category II)
 - Risk Category - II
 - Mapped MCEr Response Accelerations At Short Periods - S_s = 0.21 g - Fa = 1.6
 - Mapped MCEr Response Accelerations At 1-Sec. Period - S₁ = 0.095g - Fv = 2.4
 - Site Class - D Per Geotech Report
 - Design Spectral Response Acceleration At Short Periods - S_{DS} = 0.224g
 - Design Spectral Response Acceleration At 1-Sec. Period - S_{1S} = 0.152g
 - SEISMIC DESIGN CATEGORY - C
- BASIC SEISMIC - FORCE - RESISTING SYSTEM - INVERTED PENDULUM SYSTEM CANTILEVERED COLUMN SYSTEM
 - Response Modification Coefficient - R = 2
 - System Overstrength Factor - Ω_o = 2
 - Deflection Amplification Factor - Cd = 2
- SEISMIC RESPONSE COEFFICIENT - Cs = 0.086
- SEISMIC BASE SHEAR - V = 0.9 KIPS / COL
- ANALYSIS - EQUIVALENT LATERAL FORCE PROCEDURE
- ASTM F1554 GR. 55 (Fy = 55 KSI) HEADED ANCHOR RODS 4" WOOD TEMPLATES SHALL BE FURNISHED BY MCGEE CORP.
- CANOPY FOUNDATION INSTALLATION: CONTRACTOR SHALL DETERMINE WHICH FINISHED GRADE ELEVATION AT EACH CANOPY COLUMN IS THE LOWEST AND ESTABLISH ALL FOUNDATION LOCATIONS IN RELATION TO THAT ELEVATION. CONTRACTOR MUST VERIFY FUEL CONTAINMENT BOX SIZE AND LOCATION TO ENSURE FOUNDATION DOES NOT INTERFERE WITH BOX INSTALLATION. TOP OF FOUNDATION DEPTH MAY BE GREATER THAN BUT NOT LESS THAN 12" BELOW THE PREVIOUSLY DETERMINED LOWEST FINISHED GRADE ELEVATION.
- STRUCTURAL AND MISCELLANEOUS STEEL SUBJECTED TO EXTERIOR EXPOSURE HAS BEEN PRIME COATED ONLY. FIELD TOUCH-UP, FINISH PAINTING AND MAINTENANCE ARE THE RESPONSIBILITY OF THE OWNER.
- FOUNDATIONS (WHERE SHOWN) HAVE BEEN SIZED FOR GIVEN LOADS AND ALLOWABLE SOIL PRESSURE. THEIR DESIGN ASSUMES THAT THERE ARE NO BURIED TANKS OR OTHER NEARBY OBSTRUCTIONS THAT WOULD BE DETRIMENTAL TO THEIR PROPER FUNCTION. THE ENGINEER OF RECORD SHALL BE NOTIFIED PRIOR TO CONSTRUCTION OF FOUNDATIONS FOR THE RESOLUTION OF ANY CONFLICT. WHERE FOUNDATION DETAIL IS NOT SHOWN MCGEE CORPORATION AND THEIR ENGINEERS TAKE NO RESPONSIBILITY FOR FOUNDATION DESIGN.
- ALL WELDED CONNECTIONS SHALL BE IN ACCORDANCE WITH LATEST AWS SPECIFICATIONS, USING E70XX ELECTRODES. ALL WELDING SHALL BE PERFORMED BY AN AWS CERTIFIED WELDER.
- CANOPY USE GROUP "M" / CONSTRUCTION TYPE II-B

SITE CONDITIONS / REQUIREMENTS

- PROVIDE A DRIVE ACCESSIBLE AREA TO WITHIN 15'-0" FROM THE EDGE OF CANOPY FASCIA IN ORDER TO UNLOAD MATERIALS AND PERFORM WORK.
- FILL ALL OPEN TANK HOLES AND TRENCHES WITHIN 15'-0" FROM THE EDGE OF CANOPY FASCIA FROM THE TIME THAT THE STRUCTURE ARRIVES AND UNTIL ERECTION IS COMPLETE.
- THE JOB SITE MUST BE GRADED LEVEL WITH NO SWELLS, DITCHES, OR TOPOGRAPHICAL IRREGULARITIES WITHIN 15'-0" FROM THE EDGE OF CANOPY FASCIA. ANY CONCRETE POURED PRIOR TO MCGEE'S ARRIVAL MUST HAVE HAD AMPLE TIME TO CURE AND BE ABLE TO SUPPORT THE WEIGHT OF MCGEE'S TRAILERS AND CRANES.
- THE JOB SITE MUST BE DRY ENOUGH FOR MCGEE'S VEHICLES AND PERSONNEL TO PERFORM WORK. IF NECESSARY THE GENERAL CONTRACTOR SHOULD LAY GRAVEL IN EXCESSIVELY MUDDY AREAS TO ENSURE ADEQUATE WORK CONDITIONS.
- POURED CONCRETE PAVING UNDER THE CANOPY TO BE EXCLUSIVELY FOR WORK SPACE AND STORAGE OF MATERIALS.
- REMOVE ALL OVERHEAD OBSTRUCTIONS.
- FORM, SET, AND POUR FOUNDATIONS PER MCGEE'S SITE SPECIFIC APPROVED FOUNDATION PLAN. ALL FORMS SHALL BE REMOVED PRIOR TO MCGEE'S ARRIVAL. ALL THREADS SHALL BE FREE FROM DEBRIS AND DUST AND SHALL BE ACCESSIBLE.
- INSTALL ALL ANCHOR BOLTS W/ NUTS. SET AT PROPER ELEVATIONS WITH NO MORE THAN 1/4" TOLERANCE.
- PROVIDE TEMPORARY POWER SOURCE (110 VOLTS) WITHIN 100 FEET OF THE STRUCTURE FOR INSTALLERS USE.
- OBTAIN ALL REQUIRED PERMITS FROM LOCAL AUTHORITIES AND ARRANGE ALL LOCAL INSPECTIONS.
- VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. ANY DEVIATIONS FROM THESE DRAWINGS DUE TO FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER FOR MODIFICATIONS.

PLEASE REVIEW ALL DRAWINGS, SIGN AND RETURN FOR FABRICATION OF CANOPY

CANOPY SIZE	<input type="checkbox"/> APPROVED AS SUBMITTED	<input type="checkbox"/> APPROVED WITH NOTED CHANGES
COLUMN SPACING	<input type="checkbox"/> APPROVED AS SUBMITTED	<input type="checkbox"/> APPROVED WITH NOTED CHANGES
CLEARANCE	<input type="checkbox"/> APPROVED AS SUBMITTED	<input type="checkbox"/> APPROVED WITH NOTED CHANGES
SIGNAGE	<input type="checkbox"/> NUMBER APPROVED AS SUBMITTED	<input type="checkbox"/> LAYOUT APPROVED AS SUBMITTED
DECALS	<input type="checkbox"/> APPROVED AS SUBMITTED	<input type="checkbox"/> APPROVED WITH NOTED CHANGES
LIGHTS	<input type="checkbox"/> NUMBER APPROVED AS SUBMITTED	<input type="checkbox"/> LAYOUT APPROVED AS SUBMITTED
	<input type="checkbox"/> APPROVED WITH NOTED CHANGES	<input type="checkbox"/> APPROVED WITH NOTED CHANGES

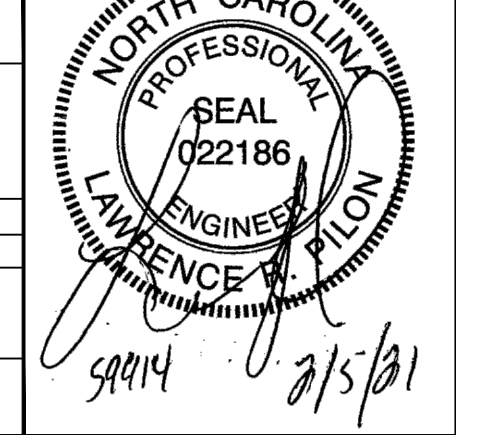
ELEVATION FORMS FORWARDED TO GENERAL CONTRACTOR

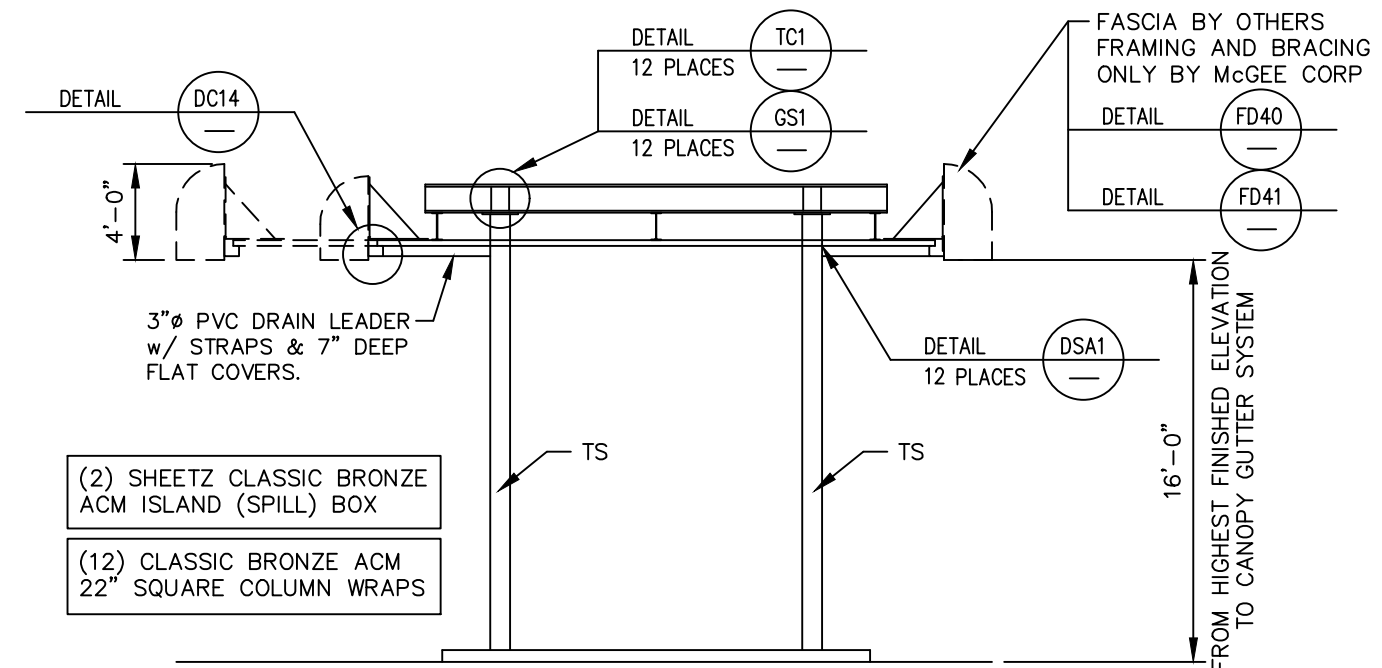
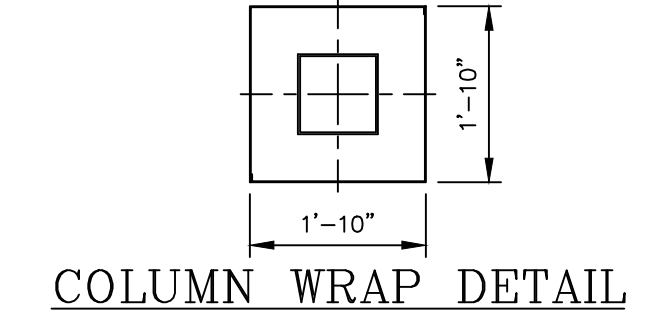
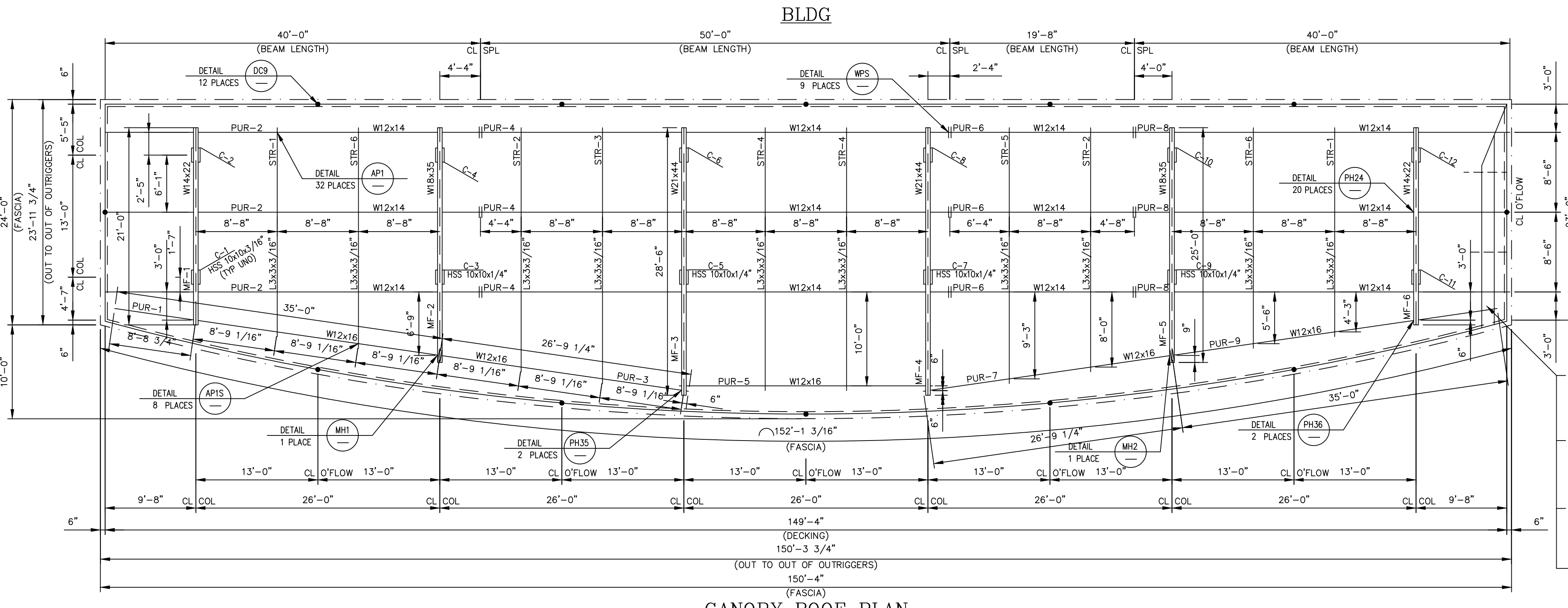
APPROVED BY: _____ DATE: _____

NOTE: SIGNED SALES ORDER, APPROVAL DRAWINGS, AND A COMPLETED ELEVATION FORM MUST BE RECEIVED AT LEAST 3 WEEKS PRIOR TO DELIVERY OF ANY CANOPY MATERIALS. REQUESTED DELIVERY DATE: _____

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(315) 668-0039

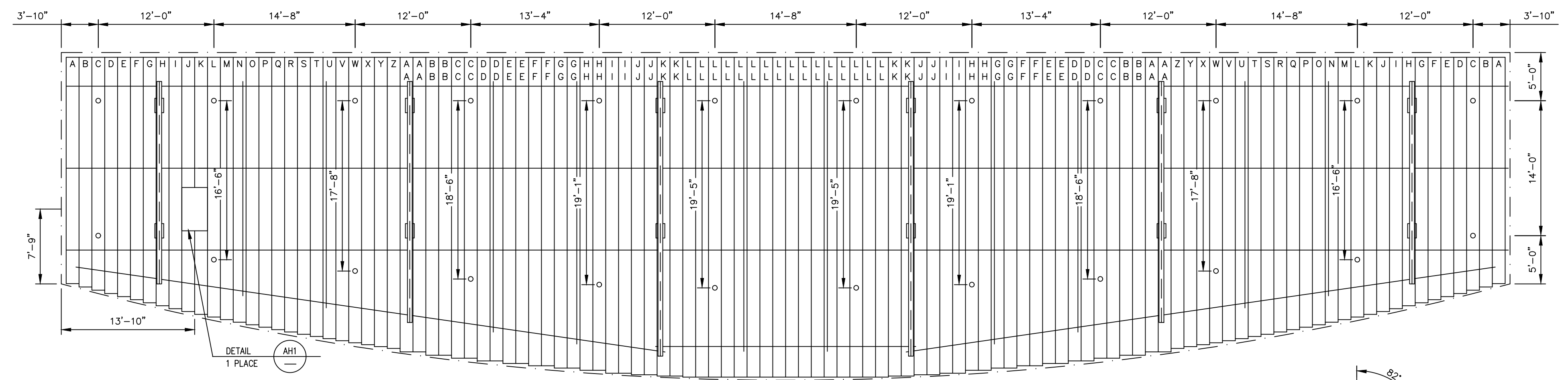
MCGEE CORPORATION 12701 East Independence Blvd. P.O. Box 1375 Matthews, NC 28106-1375 Phone: (704) 882-1500 Website: (800) 526-5589	PR. JOB NO. _____	FINAL JOB NO. 59914	DRAWING NO. P059914
	SHEETZ INC 283 NC 87 CAMERON, NC 28326 (HARNETT)		DRAWN BY: JWG
SCALE: 1/8"=1'-0" DATE: 2/2/21	IN ACCORDANCE WITH REV. LETTER: _____		CHECKED BY: _____
METAL CANOPY 34'-0" x 150'-4"			SHEET NO. 1 OF 3
FOUNDATION PLAN			



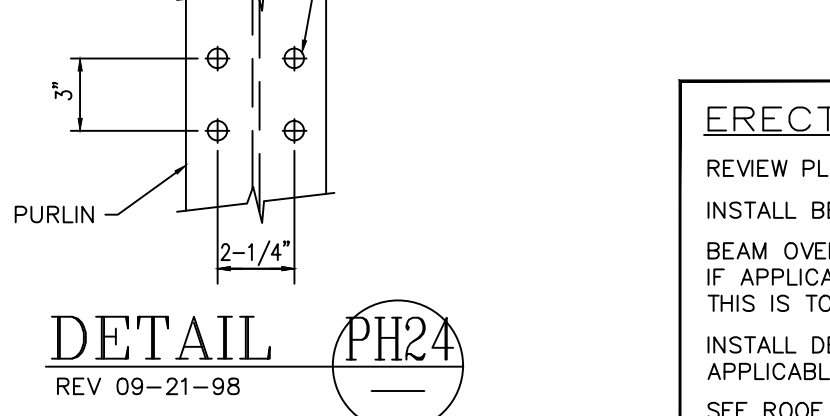
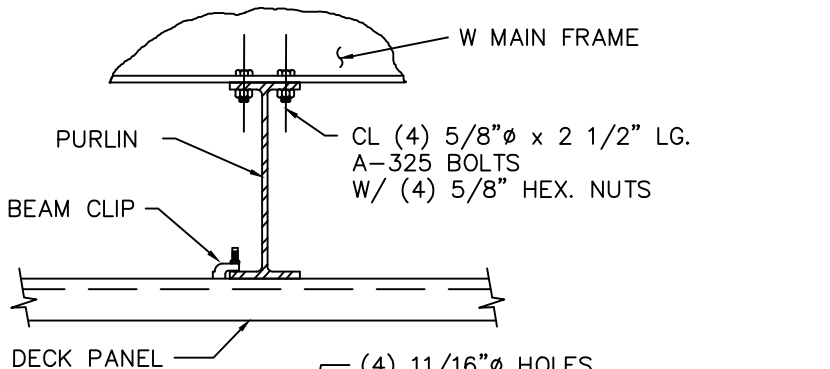
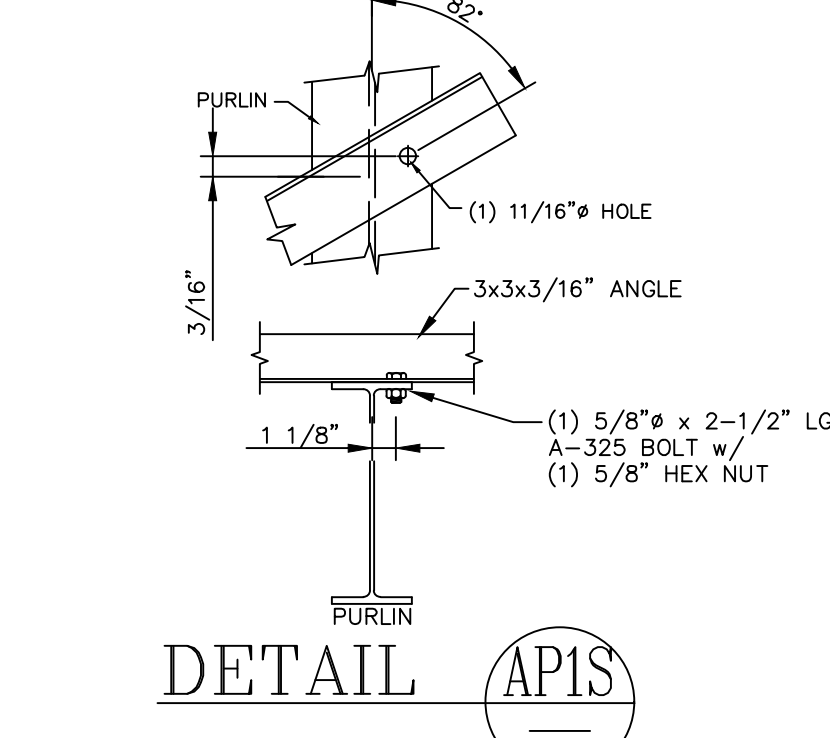
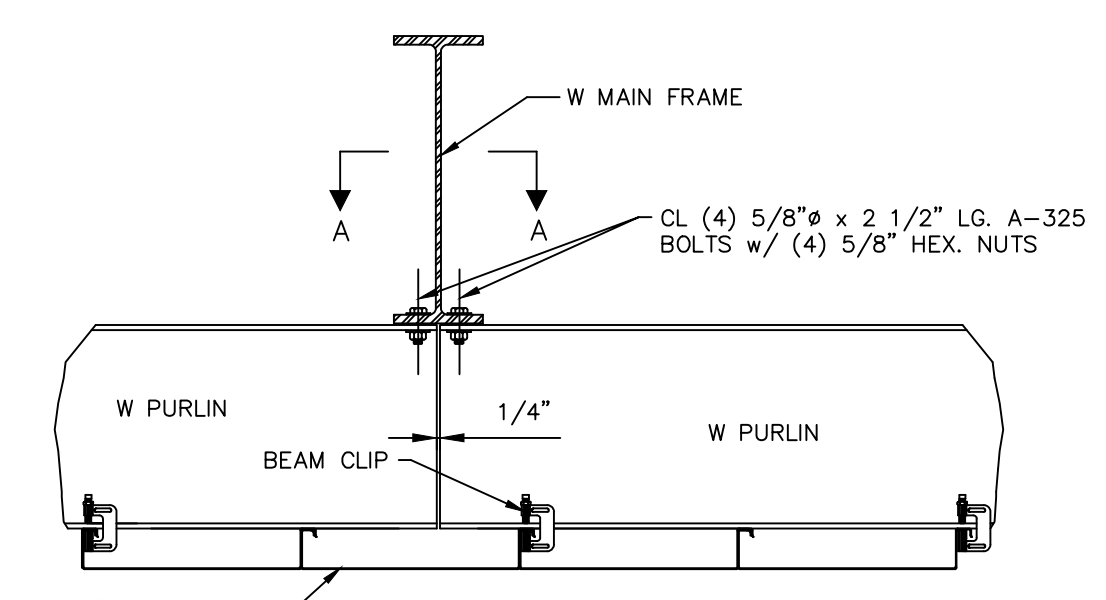
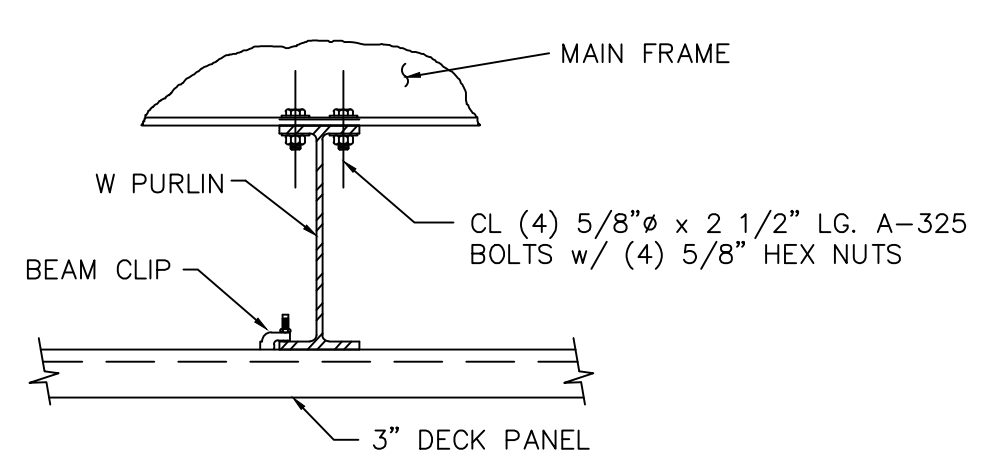
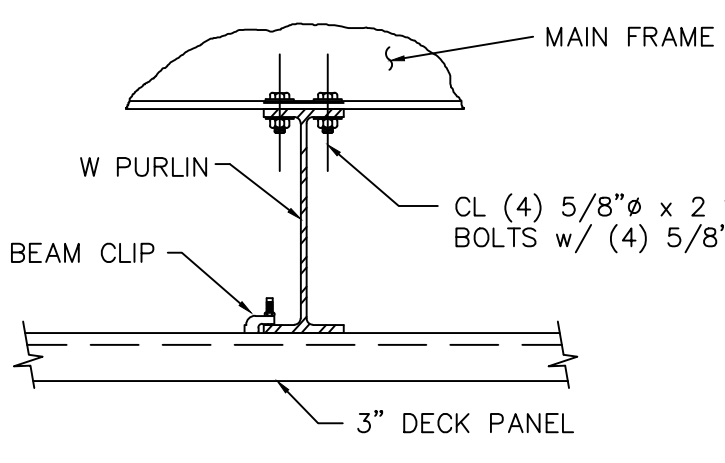


CANOPY TO HAVE BELOW GROUND DRAINAGE SYSTEM WITH 3/4" PVC INTERNAL DRAINS. SEE ROOF PLAN FOR DIRECTIONS.

CANOPY ROOF PLAN



CANOPY LIGHT LAYOUT
INSTALL (24) LIGHT FIXTURES, SUPPLIED & WIRED BY OTHERS



DECK CHART		BUNDLES
PANEL	QTY	
A	2	#1 = (14) A,B,C,D,E,F,G,H,I,J,K,L,M,N #2 = (14) O,P,Q,R,S,T,U,V,W,X,Y,Z,(2)AA #3 = (14) (2)BB,(2)CC,(2)DD,(2)EE,(2)FF,(2)GG,(2)HH #4 = (14) (2)II,(2)JJ,(2)KK,(8)LL #5 = (14) (8)MM,(2)NN,(2)OO,(2)PP,(2)QQ,(2)RR #6 = (14) (2)SS,(2)TT,(2)UU,(2)VV,(2)WW,(2)XX #7 = (14) (2)YY,(2)ZZ,(2)AAA,(2)BBB,(2)CCC #8 = (14) N,M,L,K,J,I,H,G,F,E,D,C,B,A G,F,E,D,C,B,A
B	2	
C	2	
D	2	
E	2	
F	2	
G	2	
H	2	
I	2	
J	2	
K	2	
L	2	
M	2	
N	2	
O	2	
P	2	
Q	2	
R	2	
S	2	
T	2	
U	2	
V	2	
W	2	
X	2	
Y	2	
Z	2	
AA	4	
BB	4	
CC	4	
DD	4	
EE	4	
FF	4	
GG	4	
HH	4	
II	4	
JJ	4	
KK	4	
LL	16	

ERECTION NOTES:
 REVIEW PLANS & DETAILS PRIOR TO INSTALLATION.
 INSTALL BEAMS ACCORDING TO MARKED END #S ON ROOF PLAN.
 BEAM OVERHANG IS 4" LONGER ON RIGHT HAND END OF CANOPY.
 IF APPLICABLE, SAME APPLIES FOR BEAM OVERHANG AT TEE.
 THIS IS TO ALLOW FOR DECK PANEL GROWTH.
 INSTALL DECK PANELS FROM LEFT TO RIGHT ON MAIN CANOPY, IF APPLICABLE SAME APPLIES FOR TEE.
 SEE ROOF PLAN FOR PROPER SLOPE AND HOW SLOPE IS ACQUIRED.
 SEE FASCIA DETAILS WHICH ALSO REFERS BACK TO GENERAL NOTES FOR OUTRIGGER SPACINGS.

ANCHOR BOLT SHIPPING REQUIREMENTS						
ANCHOR BOLT USE	BOLT DESCRIPTION				QUANTITY	
BC90-BASE PLATE (12 PLACES)	1 1/4" x 36" LONG HEX HEADED ANCHOR BOLTS				48	
HARDWARE LIST BREAK-DOWN (REFERENCE ONLY)						
ITEM USE (# OF PLACES FOR CHECKING ONLY)	DESCRIPTION				QUANTITY	
TC1-TOP PLATE (12 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS				48	
WPS-BEAM SPLICE (9 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS				54	
WPS-BEAM SPLICE (9 PLACES)	6x10x1/2" PLATE				9	
PH24-CONNECTION (20 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS				80	
PH36-CONNECTION (2 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS				8	
PH36-CONNECTION (2 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS				8	
MH1-CONNECTION (1 PLACE)	5/8" x 2-1/2" BOLTS w/ NUTS				4	
MH2-CONNECTION (1 PLACE)	5/8" x 2-1/2" BOLTS w/ NUTS				4	
API-CONNECTION (32 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS				32	
APIS-CONNECTION (8 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS				8	
CANOPY SHIPPING STEEL HARDWARE MANIFEST						
QUANTITY	DESCRIPTION	QUANTITY SHIPPED	PULLED BY	CHECKED BY	TRAILER #	LOADED BY
246	5/8" x 2-1/2" BOLTS w/ NUTS					
9	(WPS) 6x10x1/2" PLATE					
CANOPY SHIPPING MANIFEST						
	TOP PLATE	BASE PLATE	PLATE DRAINS	W/S & CONDUIT	VENT	
1	MF-1 W14x22 (21'-0")					
1	MF-2 W18x35 (25'-0")					
1	MF-3 W21x44 (28'-6")					
1	MF-4 W21x44 (28'-6")					
1	MF-5 W18x35 (25'-0")					
1	MF-6 W14x22 (21'-0")					
1	PUR-1 W12x16 (34'-11 7/8")					
3	PUR-2 W12x14 (39'-11 7/8")					
1	PUR-3 W12x16 (26'-9 1/8")					
3	PUR-4 W12x14 (49'-11 3/4")					
1	PUR-5 W12x16 (27'-0")					
3	PUR-6 W12x14 (19'-7 3/4")					
1	PUR-7 W12x16 (26'-9 1/8")					
3	PUR-8 W12x14 (39'-11 7/8")					
1	PUR-9 W12x16 (34'-11 7/8")					
2	STR-1 L3x3x3/16" (22'-3")					
2	STR-2 L3x3x3/16" (26'-0")					
1	STR-3 L3x3x3/16" (27'-3")					
2	STR-4 L3x3x3/16" (28'-0")					
1	STR-5 L3x3x3/16" (27'-3")					
2	STR-6 L3x3x3/16" (23'-6")					
8	COL 1,2,4,6,8,10,11,12, HSS 10x10x3/16"					
4	COL 3,5,7,9, HSS 10x10x1/4"					
114	SIDE 2x2 STEEL OUTRIGGERS @ 32" O.C.					
20	END 2x2 STEEL OUTRIGGERS @ 32" O.C.					
18	2"x2"x1/8" LONG ANGLE (PERIMETER ANGLE)					
8	2"x2"x1/8" ANGLE x 6'-0" LONG BRACE					
25	2"x2"x1/8" ANGLE x 3'-3" LONG BRACE					
13	2"x2"x1/8" ANGLE x 5'-0" LONG BRACE					
1-Lot	HARDWARE					

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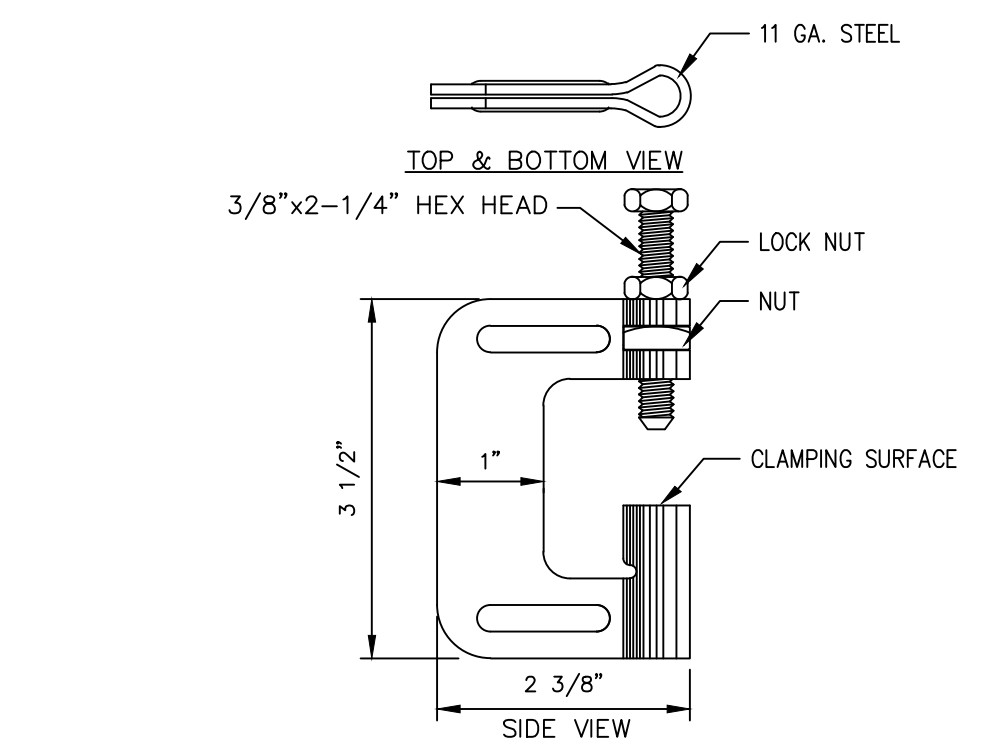
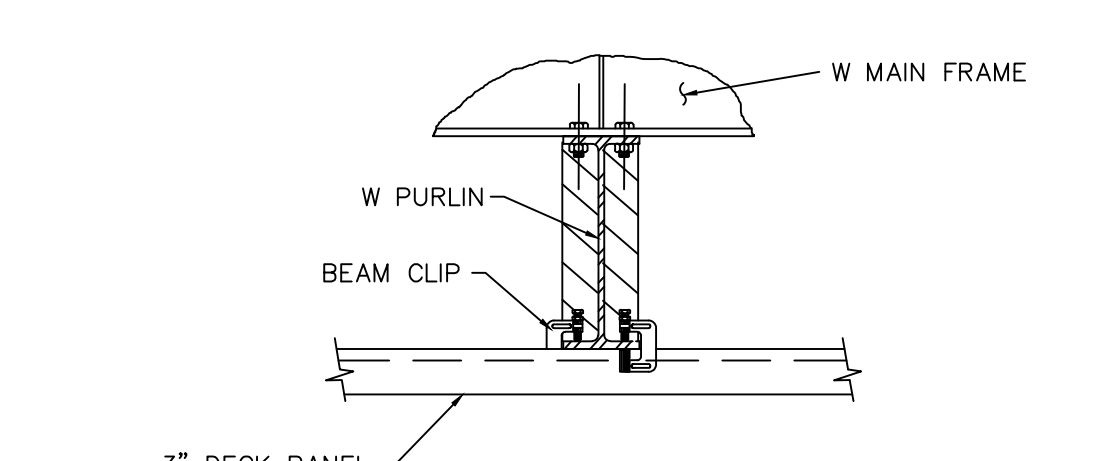
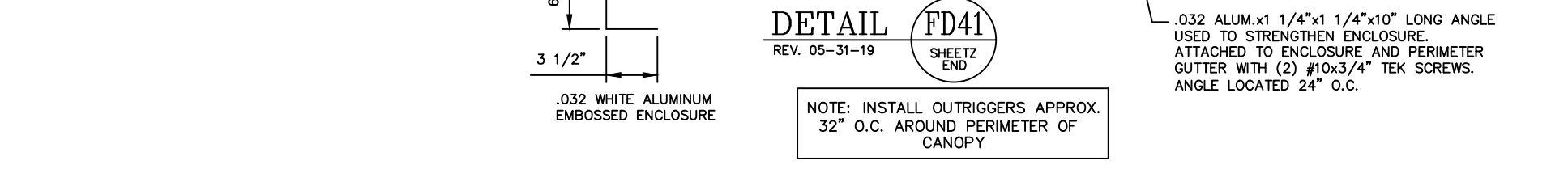
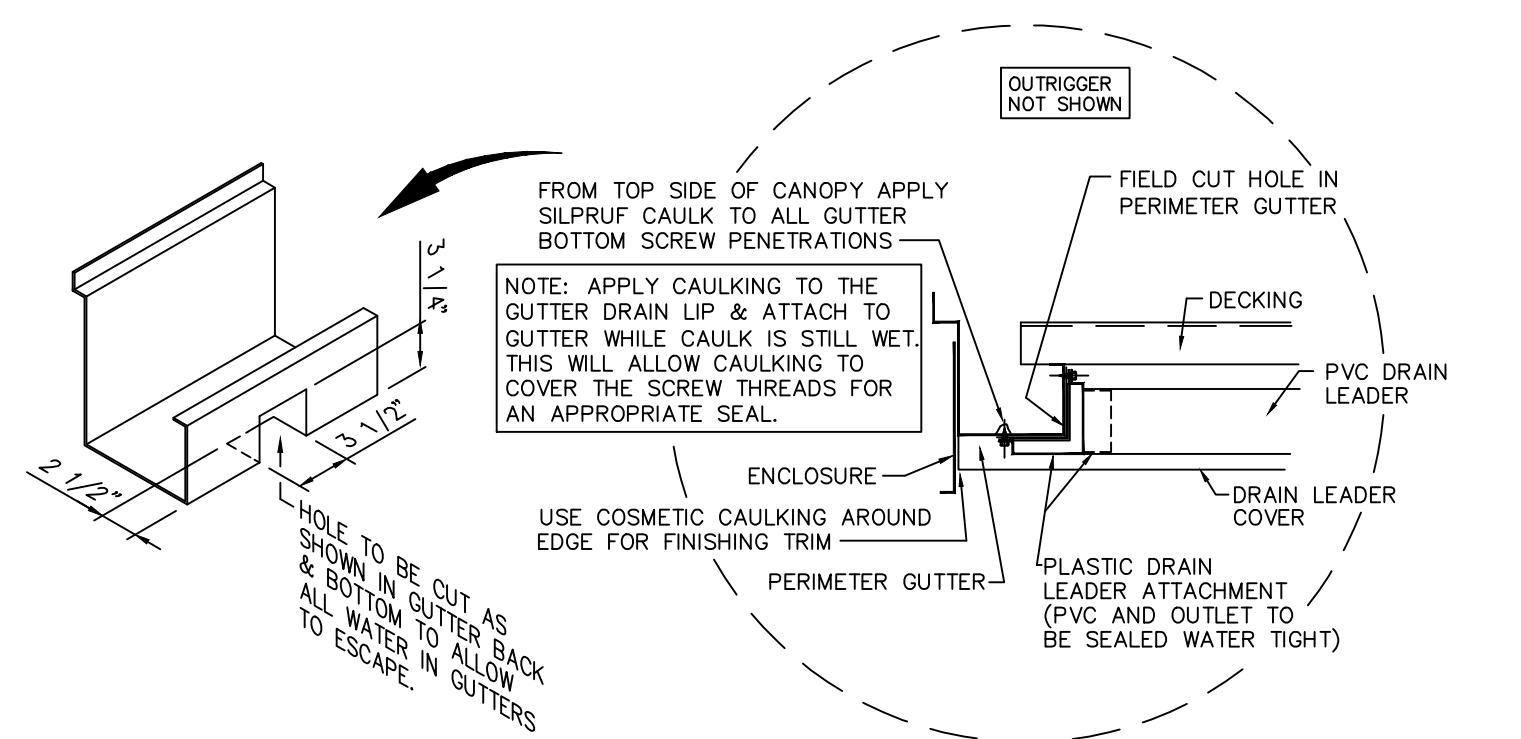
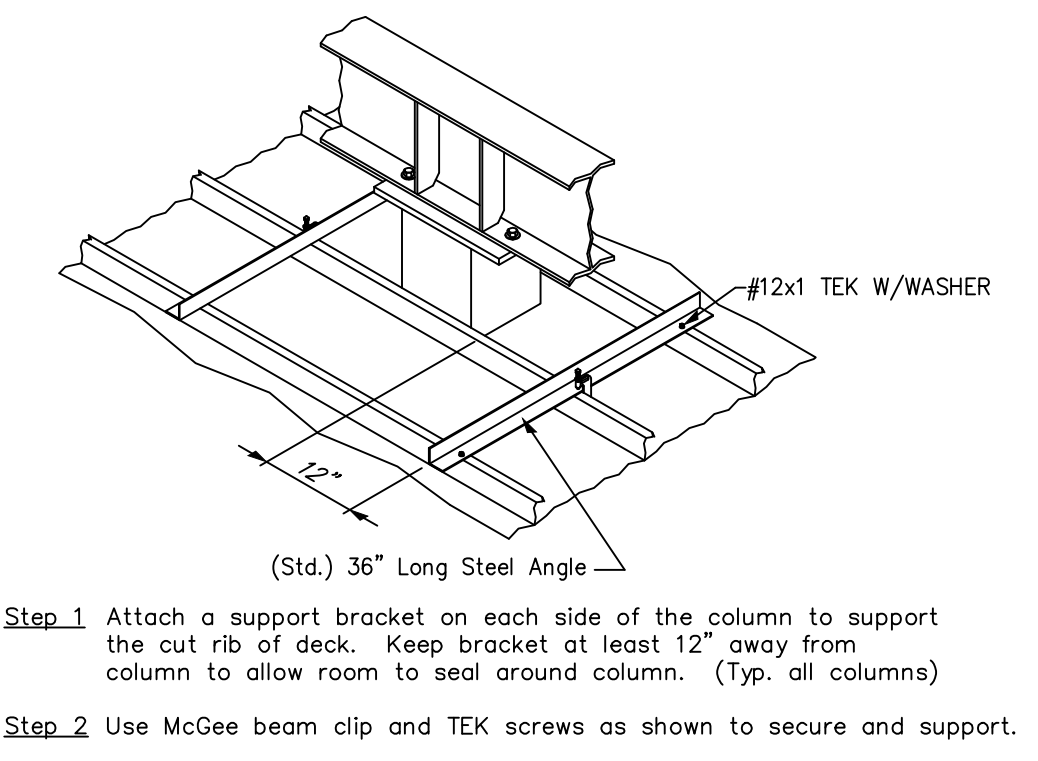
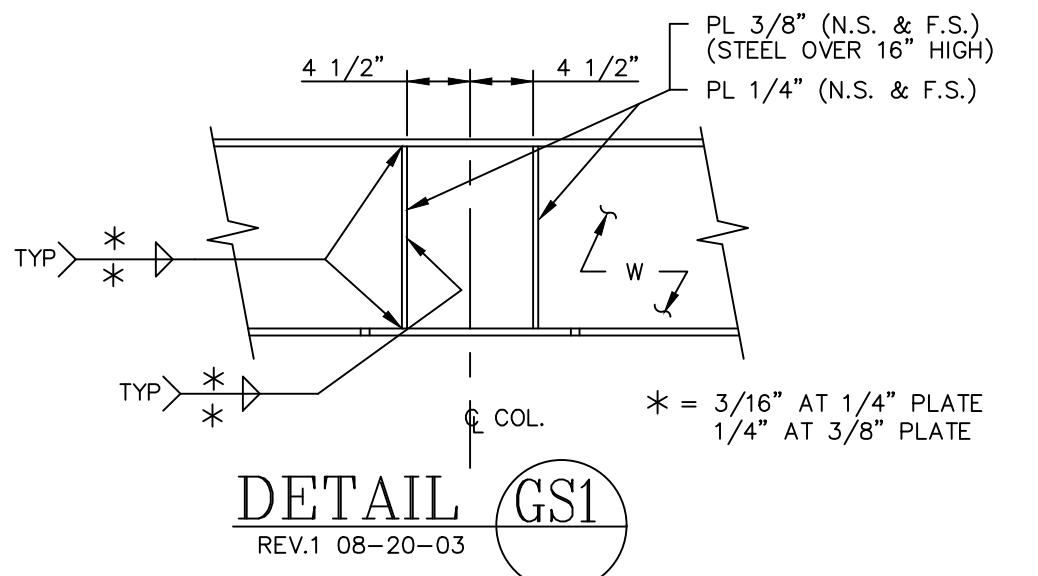
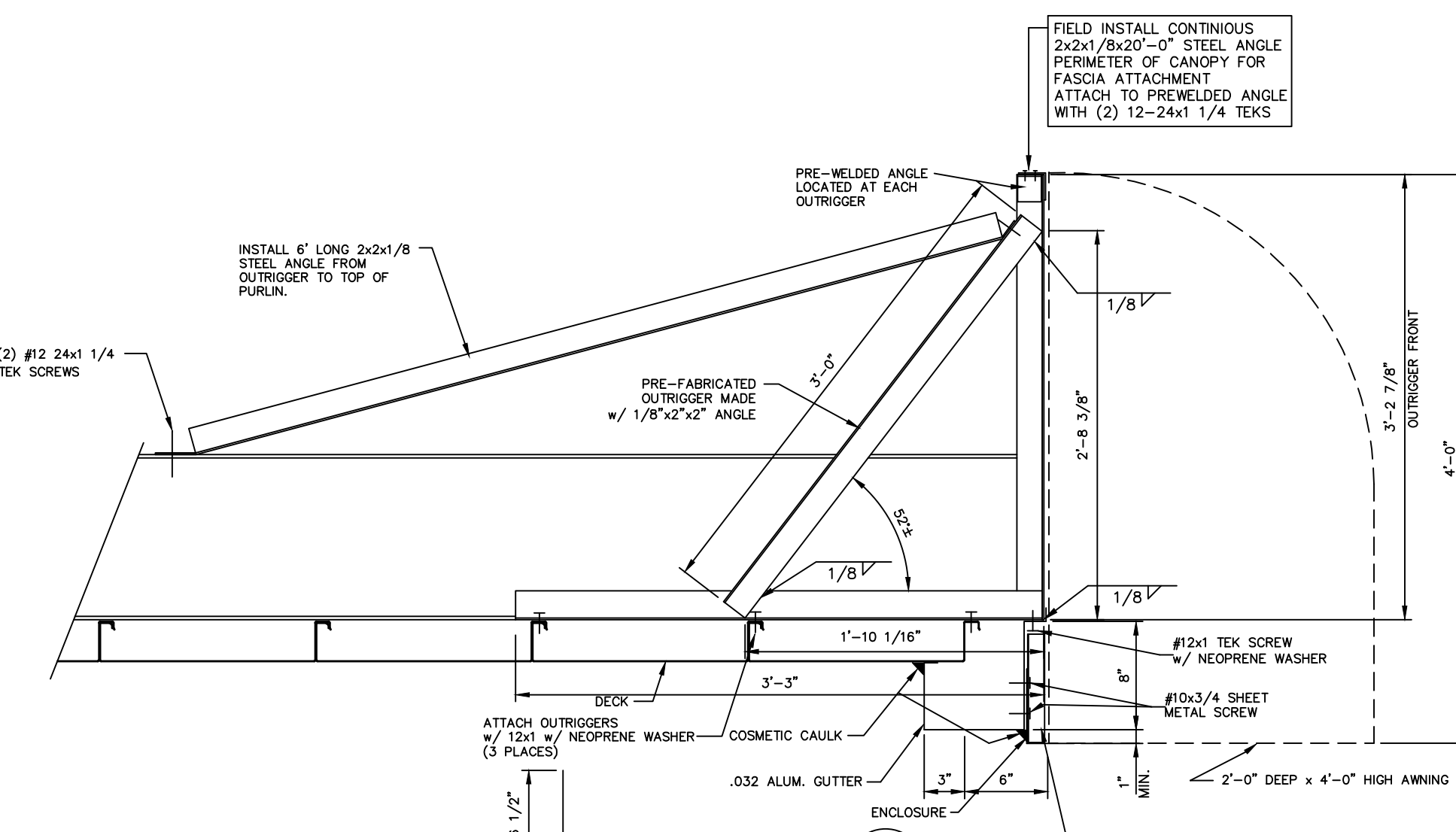
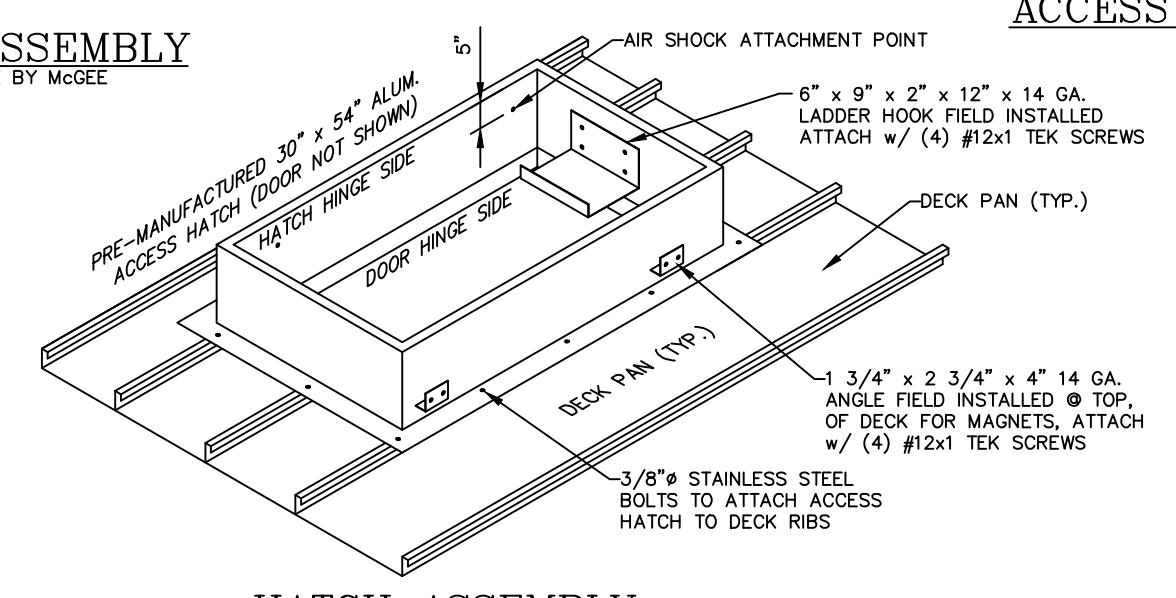
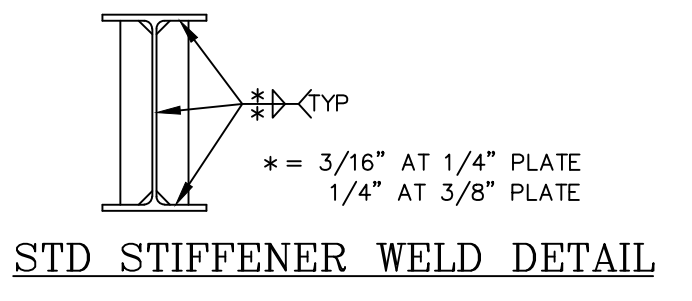
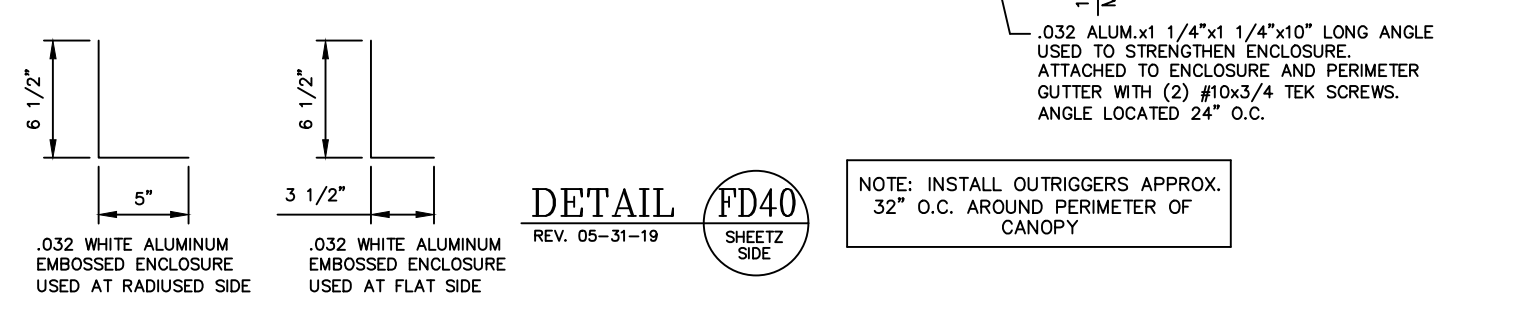
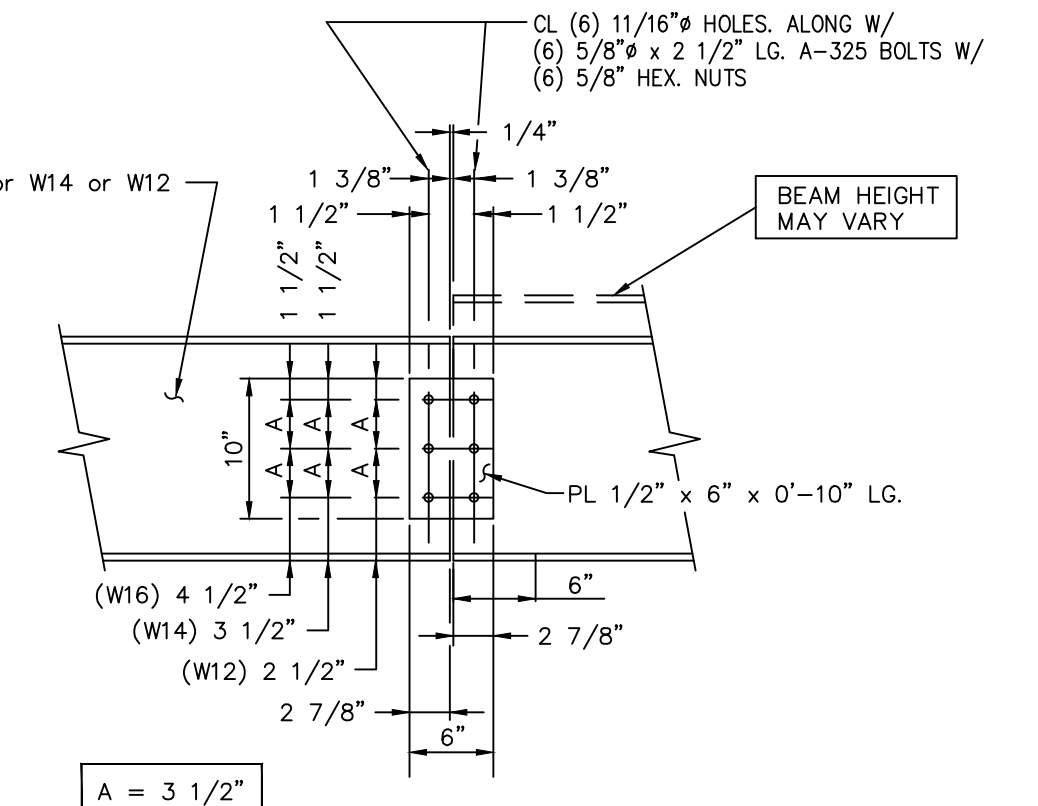
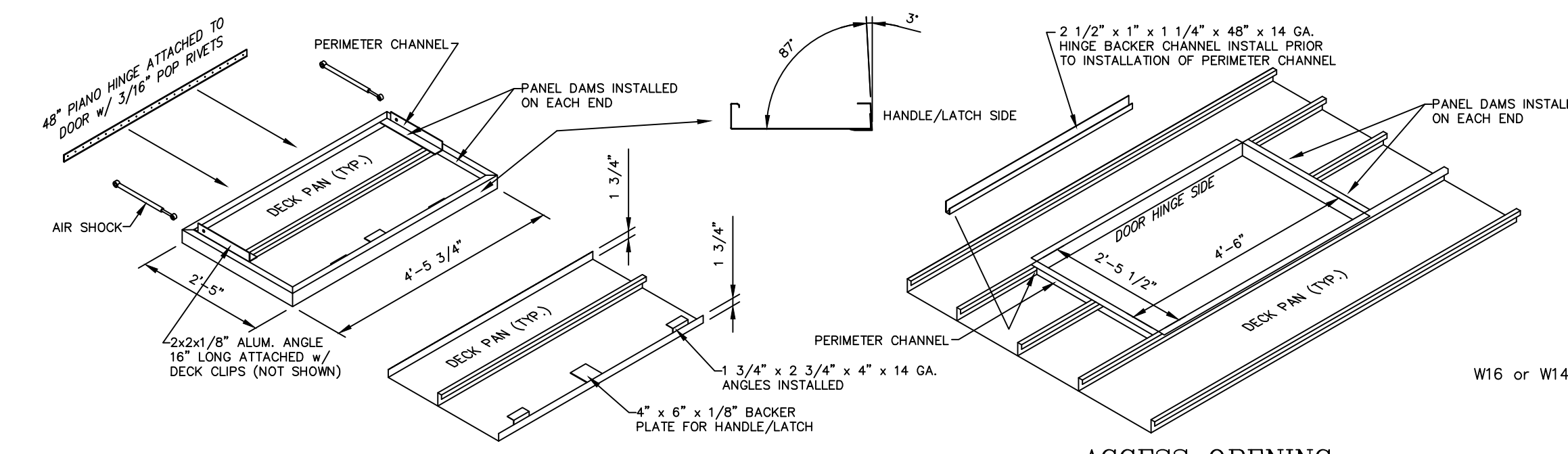
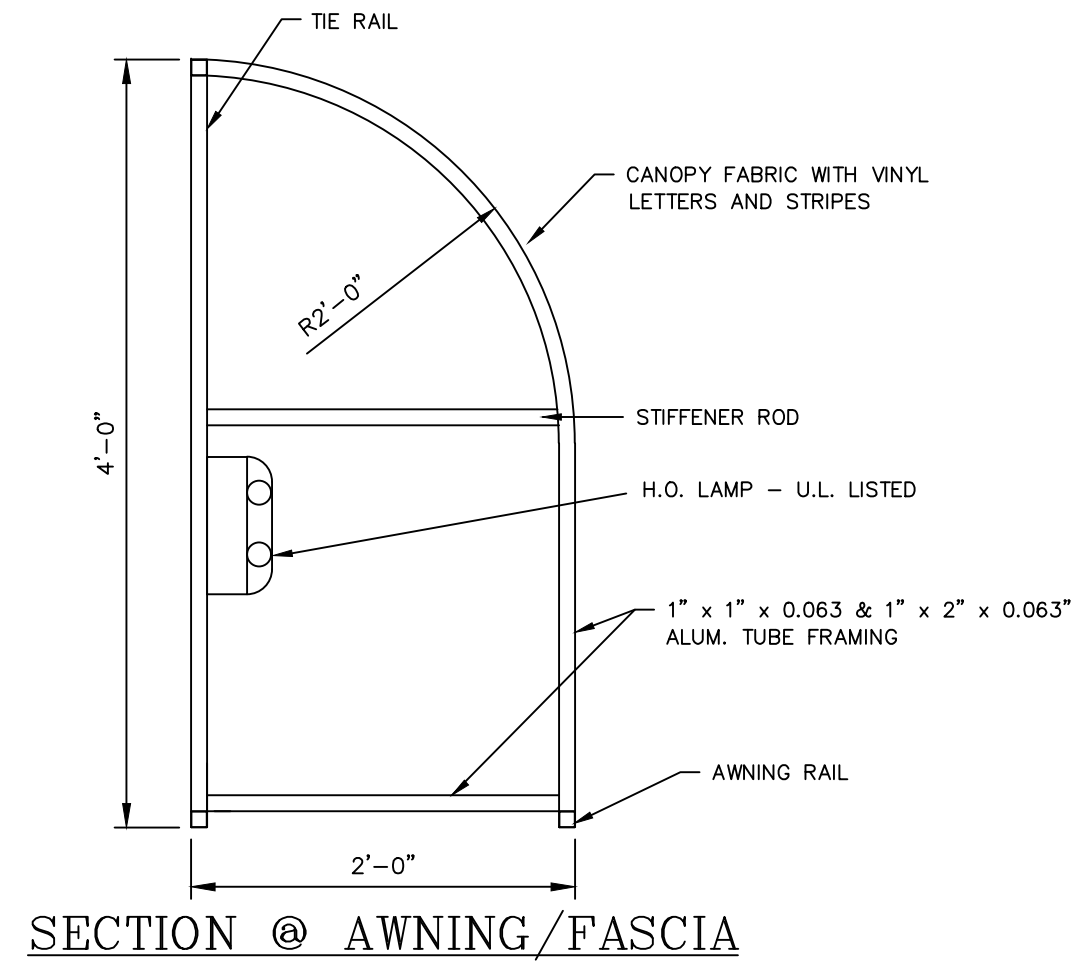
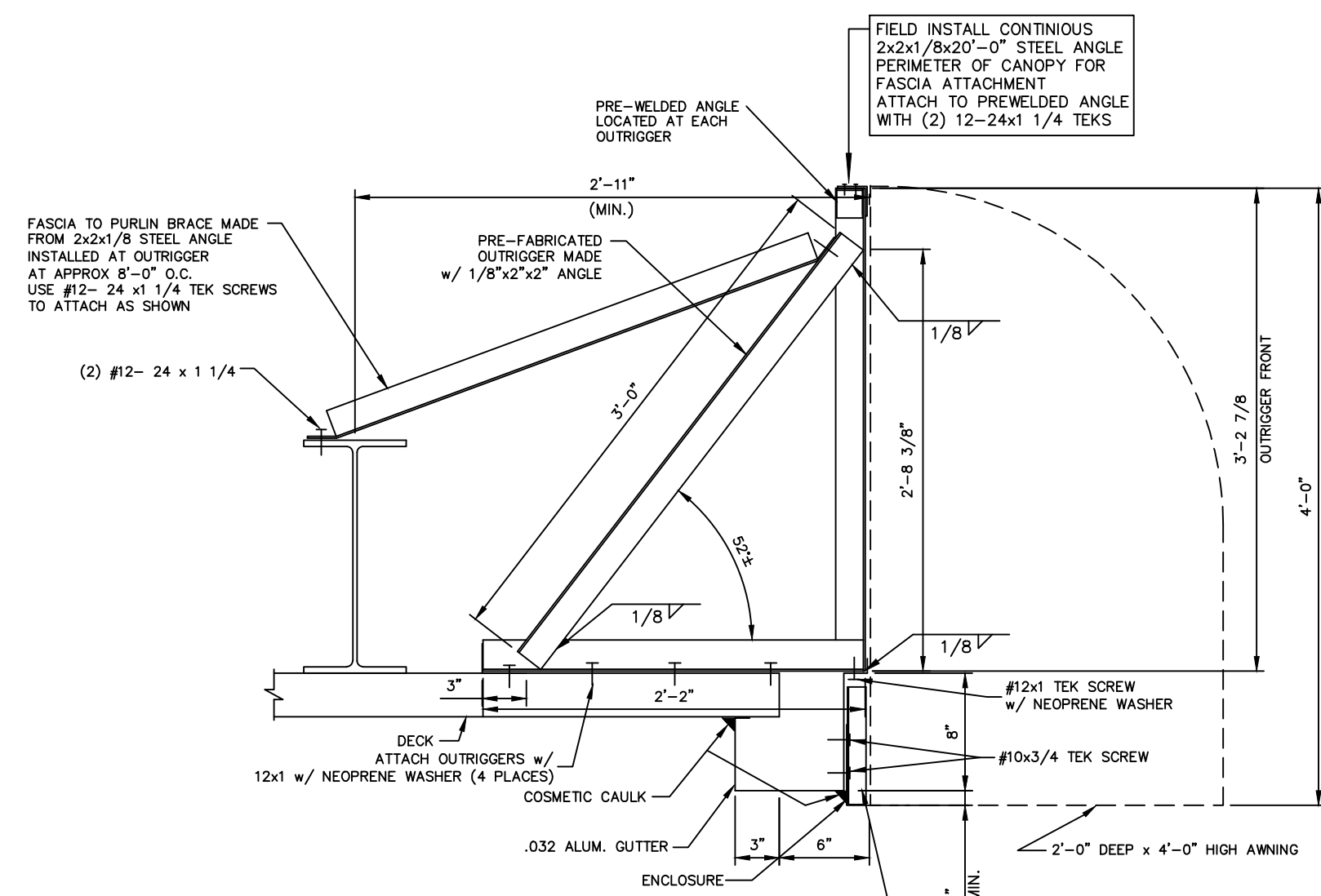
SHEETZ INC
 283 NC 87 CAMERON, NC 28326 (HARNETT)

LAWRENCE R. PILON
 PROFESSIONAL ENGINEER
 SEAL 022186

METAL CANOPY 34'-0" x 150'-4"
 ROOF PLAN & DETAILS

DATE: 2/2/21
 DRAWN BY: JWG
 CHECKED BY: [Signature]

SHEET NO. 2 OF 3



McGEE BEAM CLIP DETAIL

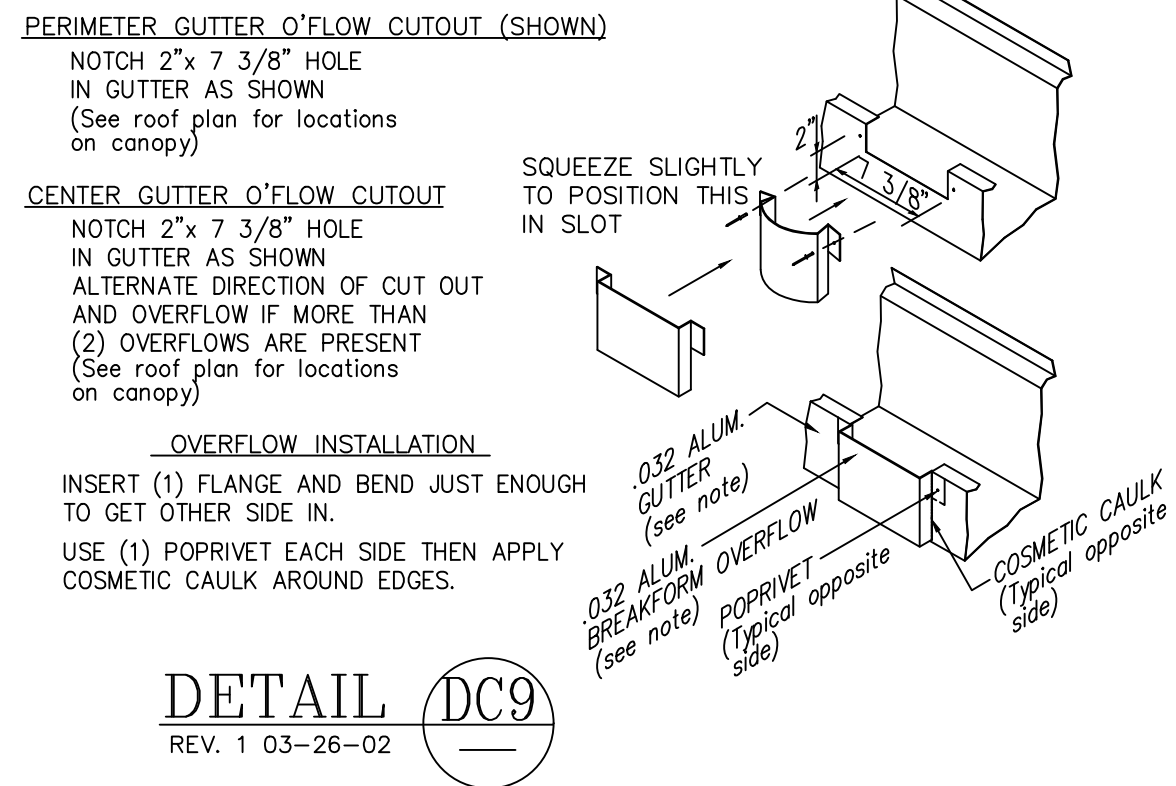
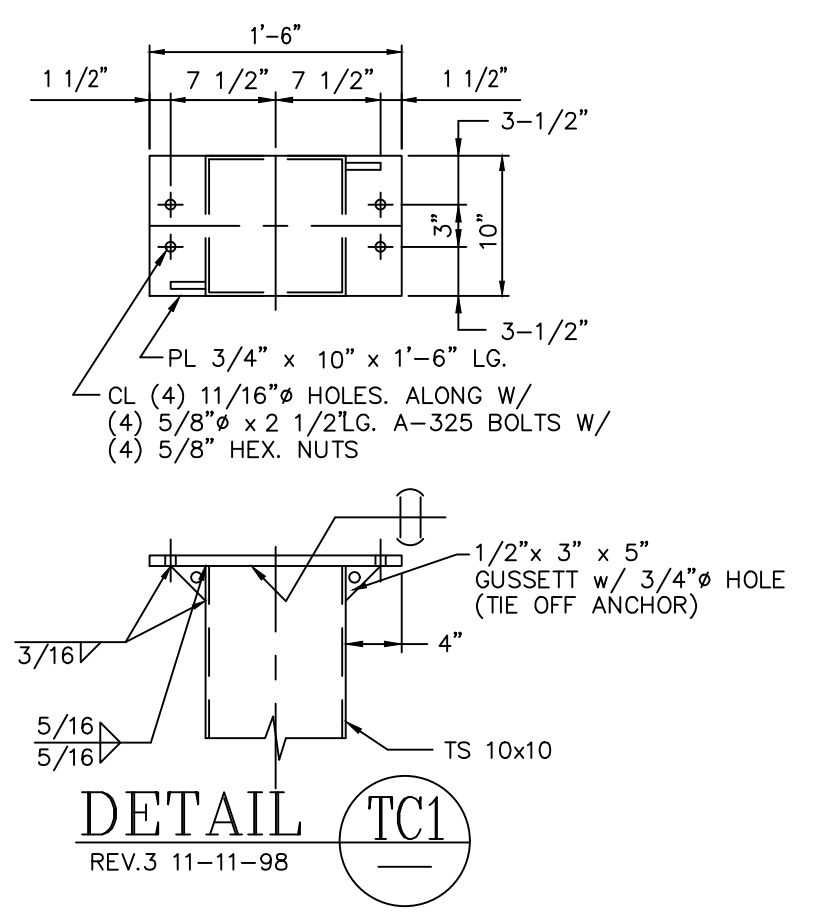
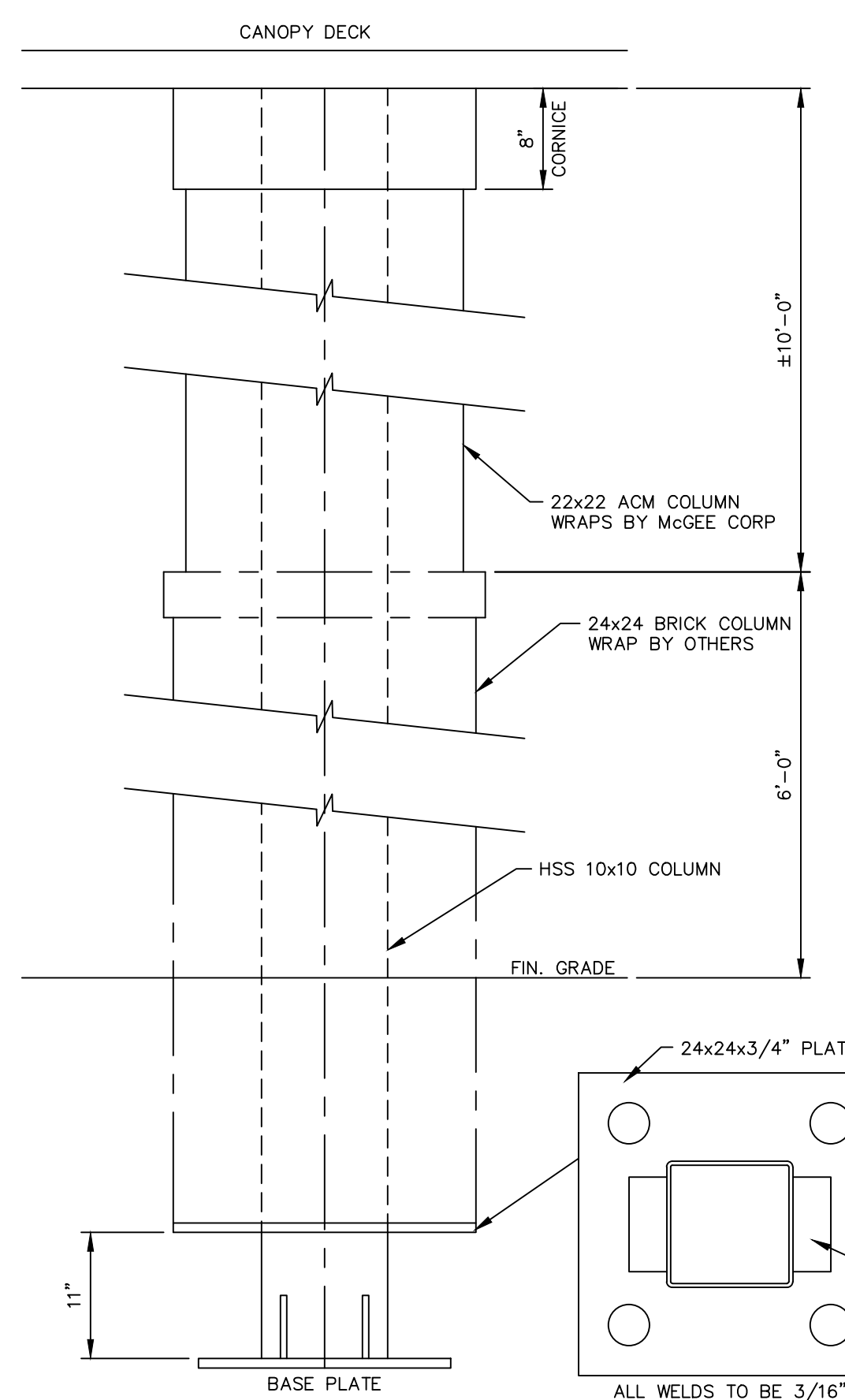
MATERIAL: 3/8" - 16 CLASS 3A X 2.25" STEEL FULLY THREADED HX HD BOLT. 3/8" WITH CUP POINT SAE J429, GR 8 W/ MIN TENSILE STRENGTH OF 150 KSI, CASE HARDENED & HEAT TREATED TO MIN/MAX MID-RADIUS CORE HARDNESS OF HRC 33-39, ZINC PLATED PER ASTM B695 WITH CLASS 55 COATING.

CLIP BODY MATERIAL: 11ga (0.115") ASTM A653 FS TYPE B (A526 CQ) (GALVANIZED G90) (MIN YIELD STRENGTH = 36 ksi)

NUTS: 3/8-16 3B HEX HEAD NUT AND SQUARE NUT PER SAE J995 OR 8 W/ MIN TENSILE STRENGTH OF 150 KSI, HEAT TREATED TO MIN/MAX HARDNESS OF HRC 33-39, ZINC PLATED PER ASTM B695 WITH CLASS 55 COATING.

PERFORMANCE TESTING PER ASTM F606/F606M -16 - "STANDARD TEST METHODS FOR DETERMINING MECHANICAL PROPERTIES OF EXTERNALLY AND INTERNALLY THREADED FASTENERS, WASHERS, DIRECT TENSION INDICATORS AND RIVETS"

McGEE BEAM CLIP INSTALLATION PROCEDURE: SET BEAM CLIP WITH BOLT ON TOP OF BEAM FLANGE AND CLAMPING SURFACE UNDER DECK RIB. PUSH CLIP AGAINST DECK AND BEAM FLANGE WITH BOLT AS FAR ONTO BEAM FLANGE AS POSSIBLE. WHILE KEEPING BEAM CLIP VERTICAL, TURN BOLT TO SNUG TIGHT WITHOUT BURROWING INTO STEEL BEAM FLANGE. THEN PROCEED TO TURN BOLT 3/4 TURN (270°). TIGHTEN LOCK NUT MAKING SURE THAT BEAM CLIP REMAINS IN POSITION.



LAWRENCE R. PILON/ PROFESSIONAL ENGINEER
 51 MAPLEVIEW DRIVE/PENNELLSVILLE, NY 13132
 (315) 668-0039

McGEE CORPORATION 12701 East Independence Blvd. P.O. Box 1375 Matthews, NC 28106-1375 Phone: (704) 882-1500 Fax: (800) 526-5589	PR. JOB NO.	FINAL JOB NO.	DRAWING NO.
	59914	59914	P0599148
	SHEETZ INC 283 NC 87 CAMERON, NC 28326 (HARNETT)		DRAWN BY: JWG
	SCALE: NTS	IN ACCORDANCE WITH REV. LETTER:	CHK'D BY:
DATE: 2/2/21			
METAL CANOPY 34'-0" x 150'-4"			SHEET NO. 3 OF 3
MISC. DETAILS			

