

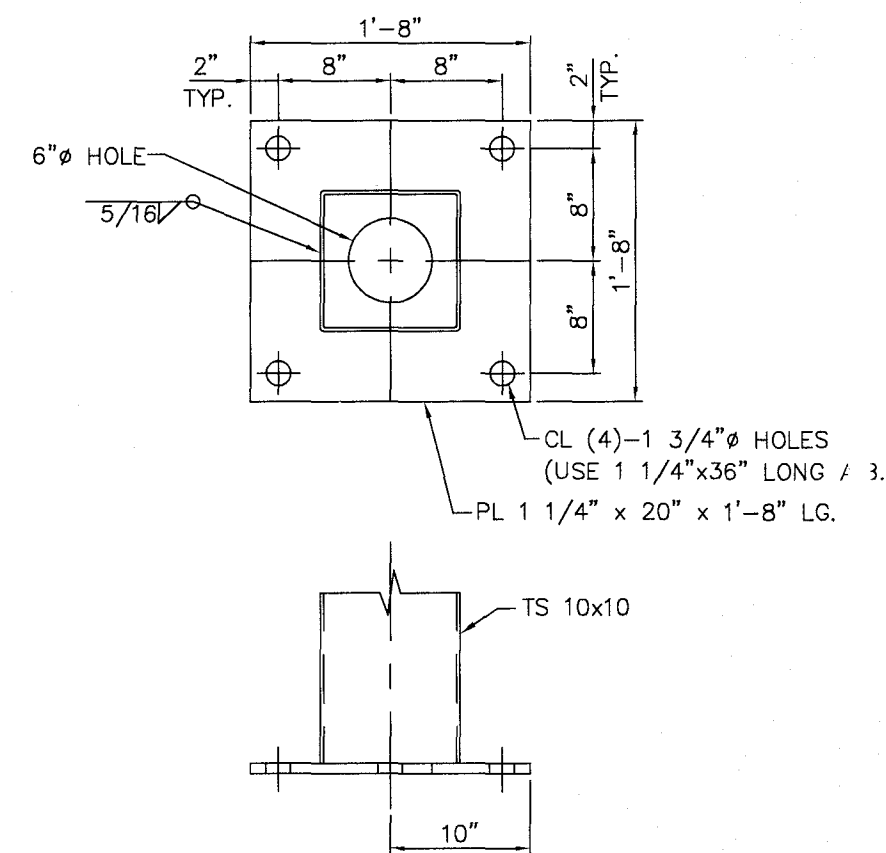
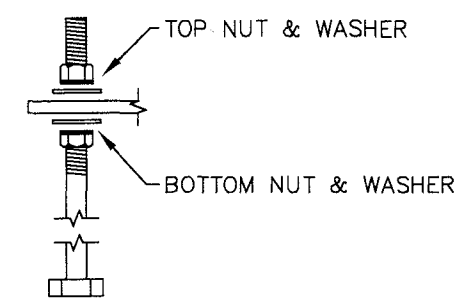
FOUNDATION PLAN

ALL DIAGONAL DIMENSIONS SHOWN ARE GIVEN TO CL OF COLUMN

NOTE: McGEE CORPORATION & THEIR ENGINEERS TAKE NO RESPONSIBILITY FOR EXISTING FOOTINGS, ANCHOR BOLTS, COLUMNS & TOP STEEL

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 PLUMB, TIGHTEN THE TOP NUT TO A SNUG-TIGHT CONDITION WITH TOP OF THE BASEPLATE (FULL EFFORT OF A MAN ON A WRENCH).



DETAIL BCS

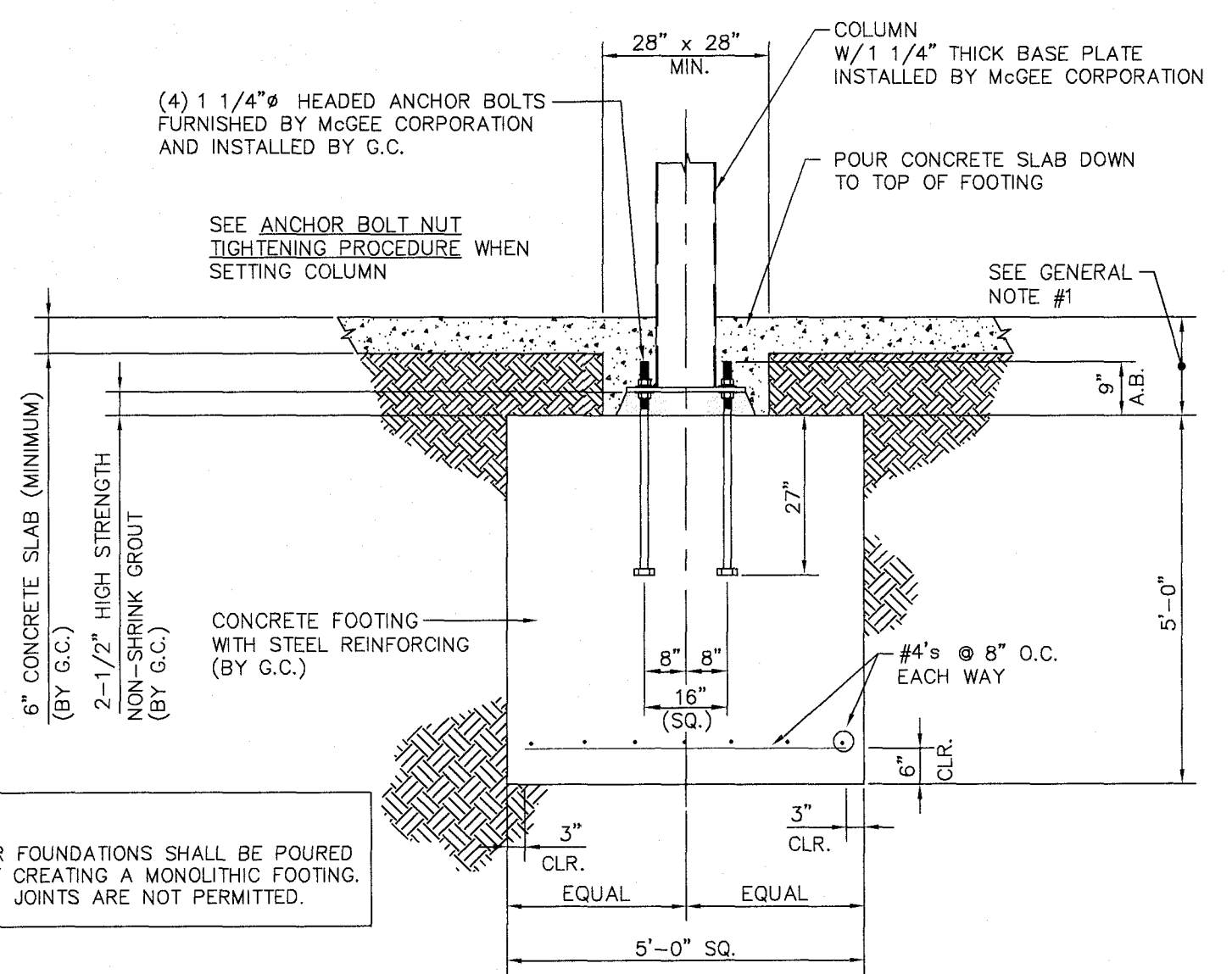
PLEASE REVIEW ALL DRAWINGS, SIGN AND RETURN FOR FABRICATION OF CANOPY

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: _____



DETAIL F1

REV. 01/22/03

GENERAL NOTES

- 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
- MINIMUM REQUIRED SOIL BEARING PRESSURE OF 2,500 PSF SHALL BE PROVIDED BY 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 A FOUNDATION DETAIL IS NOT SHOWN, McGEE CORPORATION AND THEIR ENGINEERS TAKE NO RESPONSIBILITY FOR THE FOUNDATION DESIGN.
- ASTM F1554-55 ANCHOR BOLTS & WOOD TEMPLATES SHALL BE FURNISHED BY McGEE CORP.
- ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI):
"BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-14)
"SPECIFICATIONS FOR STRUCTURAL CONCRETE" (ACI 301-05)
"HOT WEATHER CONCRETING" (ACI 305R-10)
"COLD WEATHER CONCRETING" (ACI 306R-10)
- 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.
- NON-SHRINK GROUT SHALL CONFORM TO ASTM C1107, STANDARD SPECIFICATION FOR PACKAGED DRY, HYDRAULIC CEMENT GROUT (NONSHRINK). GROUT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 8000 PSI WHEN TESTED ACCORDING TO ASTM C109, STANDARD TEST METHOD OF HYDRAULIC CEMENT MORTARS. GROUT SHALL NOT CONTAIN CALCIUM CHLORIDE OR INTENTIONALLY ADDED CHLORIDES. GROUT SHALL BE PLACED PER MANUFACTURER'S RECOMMENDATIONS.
- STRUCTURAL STEEL SHALL CONFORM TO
Wide Flange Beams-ASTM A992, Grade 50, Fy = 50 KSI
Angle and Channel-ASTM A36, Fy = 36 KSI
Plate-ASTM A36, Fy = 36 KSI
HSS-ASTM A500 SHAPED, Grade B, Fy = 46 KSI
ASTM A500 ROUND, Grade B, Fy = 42 KSI
- ALL WELDED CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH LATEST AWS SPECIFICATIONS, USING E70XX ELECTRODES. ALL WELDING SHALL BE PERFORMED BY AN AWS CERTIFIED WELDER.
- BOLTS SHALL BE HIGH STRENGTH CONFORMING TO ASTM A325-N. BOLTS SHALL BE TIGHTENED TO THE "SNUG-TIGHT CONDITION" PER AISC AND RCSC SPECIFICATIONS. THE "SNUG-TIGHT CONDITION" IS DEFINED AS THE TIGHTNESS REQUIRED TO BRING THE CONNECTED PLIES INTO FIRM CONTACT. ALL OF THE BOLTS SHALL BE TIGHTENED SUFFICIENTLY TO PREVENT THE REMOVAL OF THE NUTS WITHOUT THE USE OF A WRENCH.
- ERECTOR OF STEEL STRUCTURE SHALL BE PERFORMED PER ALL AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) ERECTION PROVISIONS.
- STRUCTURAL AND MISCELLANEOUS STEEL SUBJECT TO EXTERIOR EXPOSURE HAS BEEN PRIMED COATED ONLY. FIELD TOUCH-UP, FINISH PAINTING AND MAINTENANCE ARE THE RESPONSIBILITY OF THE OWNER.
- 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.
- STRUCTURAL DESIGN CRITERIA:
Governing Codes = OHIO BUILDING CODE, 2017 ED. AND ASCE 7-10
Roof Live Load = 20 PSF
Roof Snow Load = 35 PSF (Flat Roof + Drifting)
Roof Snow Design:
Ground Snow Load-Pg = 20 PSF
Flat roof Snow Load-Pf = 20 PSF
Exposure Factor-Ce = 1.0
Importance Factor-I = 1.0
Thermal Factor-Ct = 1.2
Wind Design:
Risk Category - II
Ultimate Design Wind Speed - Vult = 115 MPH
Nominal Design Wind Speed - Vasd = 89 MPH
Exposure Category - "B"
Internal Pressure Coefficient - GCpi = 0.00
Earthquake Design:
Risk Category - II
Importance Factor - I = 1.0
Site Class - D
Spectral Response Coefficients -
Ss = 0.143 g Fa = 1.60 Sds = 0.152 g
SI = 0.078 g Fv = 2.40 Sd1 = 0.125 g
Seismic Design Category - B
Basic Seismic - Force - Resisting System -
Steel Ordinary Cantilever Column System
Response Modification Coefficient - R = 1 1/4
System Overstrength Factor - Omega = 1 1/4
Deflection Amplification Factor - Cd = 1 1/4
Analysis - Equivalent Lateral Force Procedure
Seismic Response Coefficient (Cs) = 0.13
Seismic Base Shear (V) = 8.4K

Larry Russell Brock, Jr.

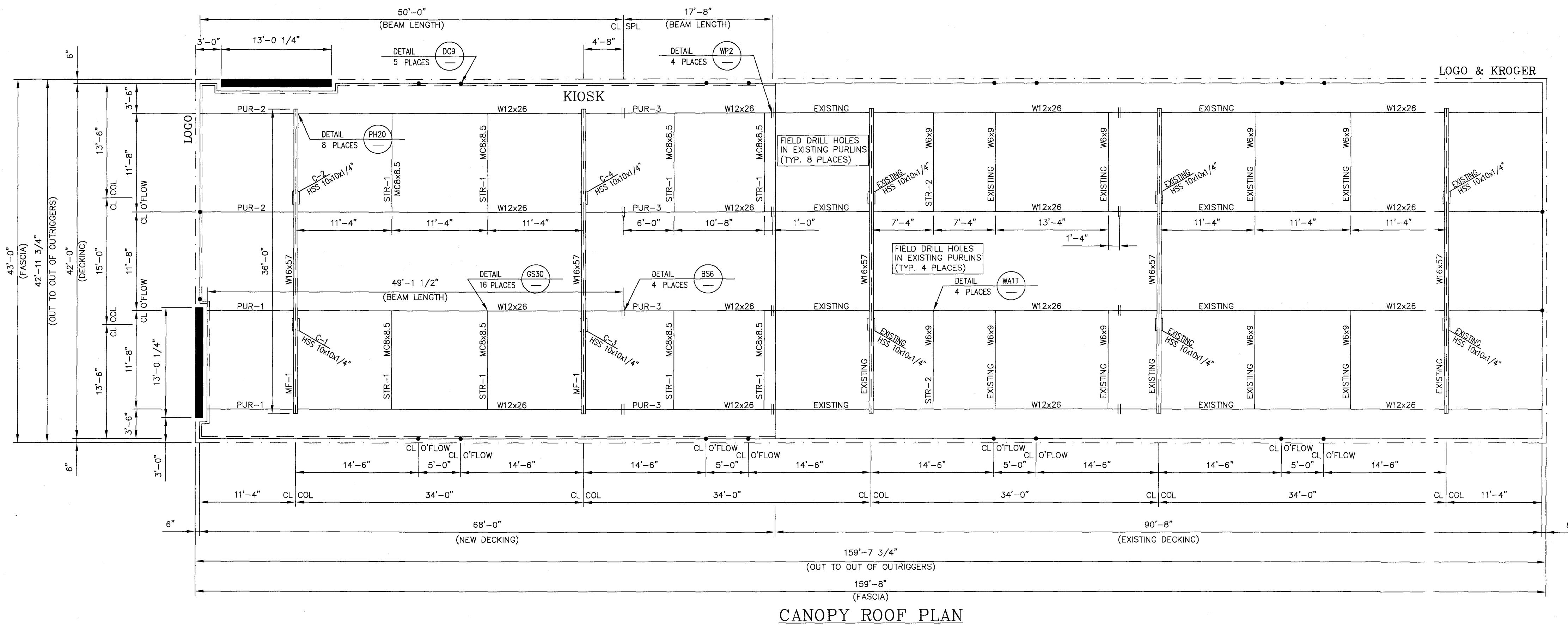
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COLUMN NO.	FINISH GRADE	TOP OF FOOTING	DRAIN INVERT
C-1	841.03'	837.89'	838.39'
C-2	840.74'	837.89'	838.39'
C-3	840.69'	837.89'	838.39'
C-4	840.10'	837.89'	838.39'

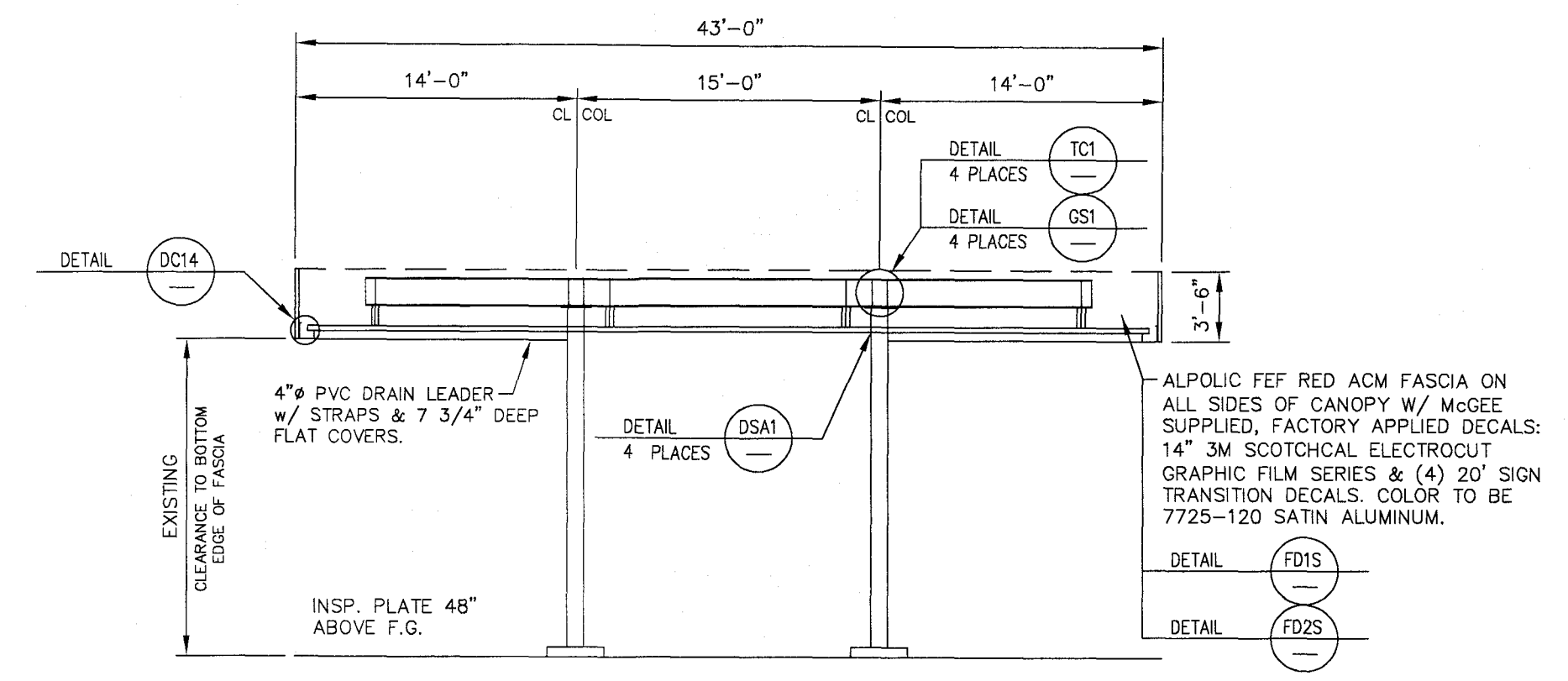
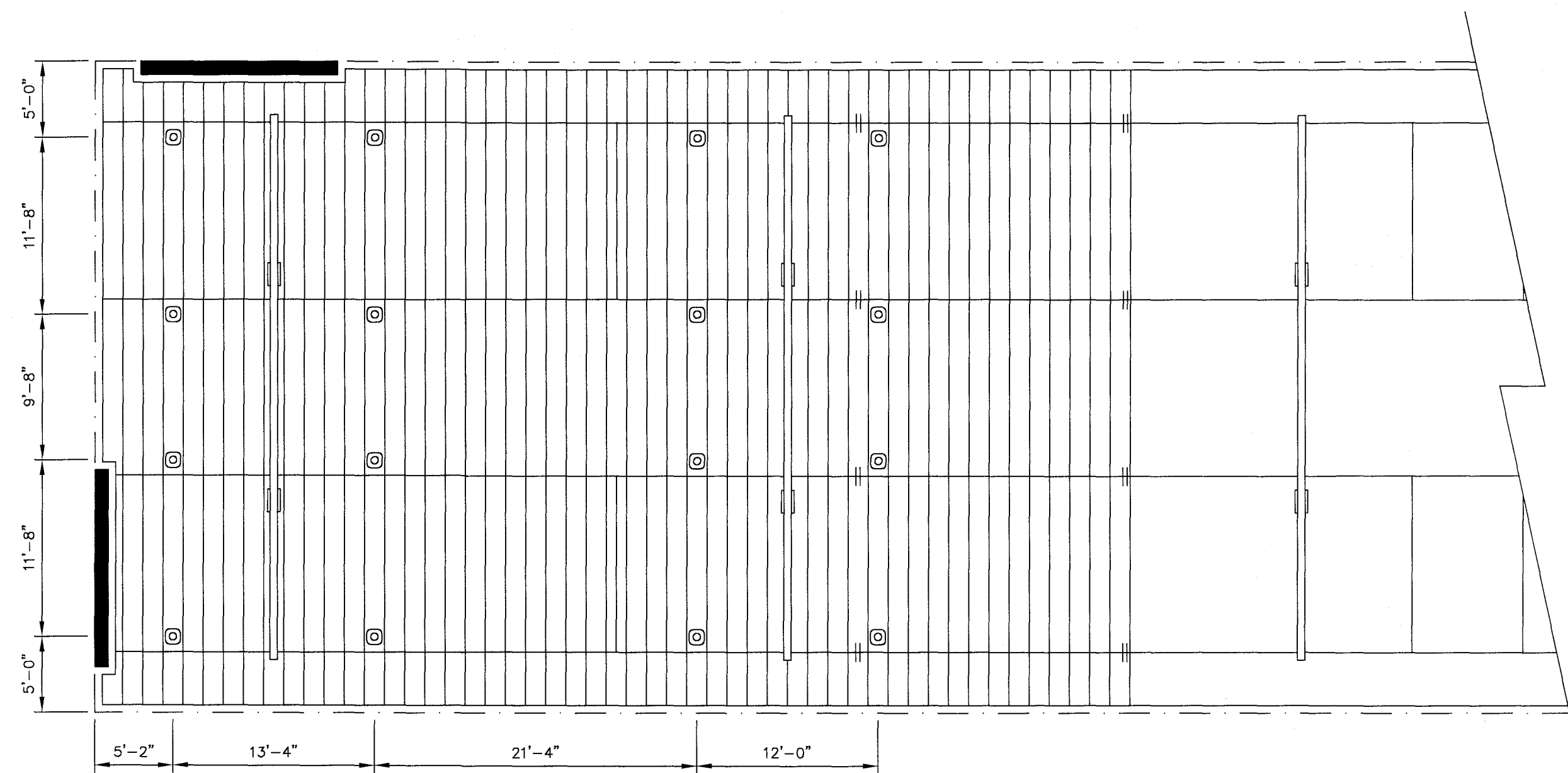
SITE CONDITIONS / REQUIREMENTS

- 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.

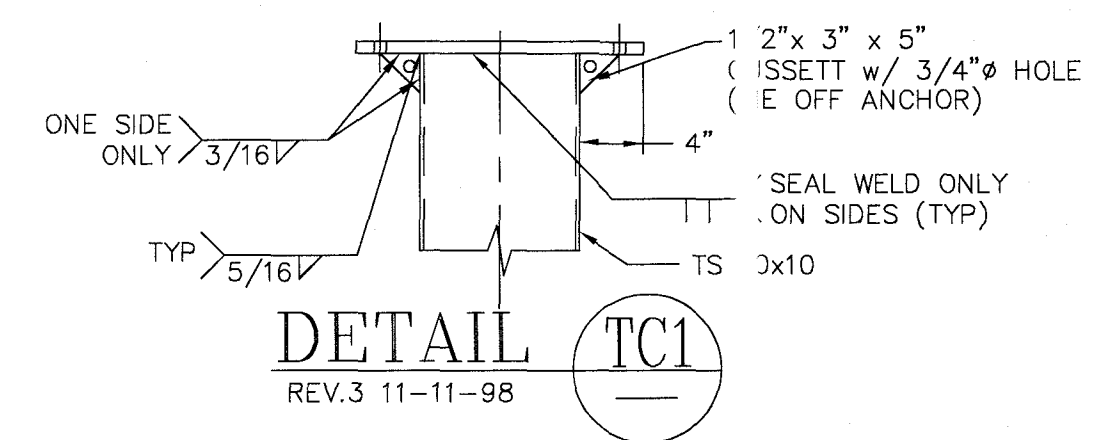
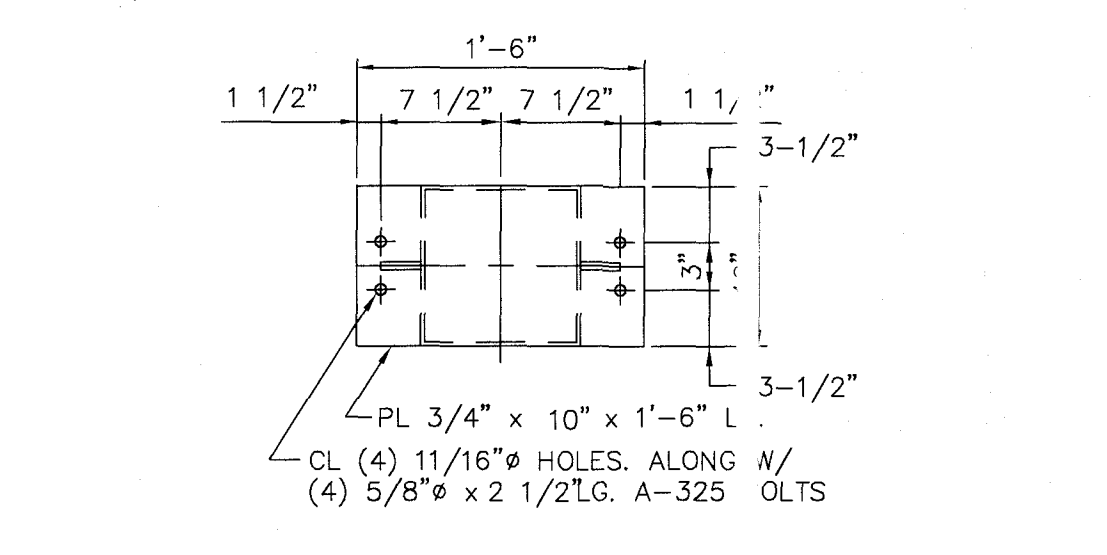
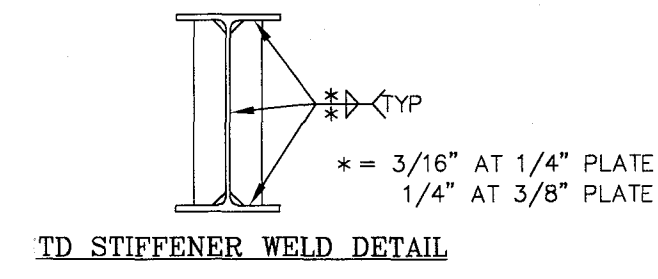
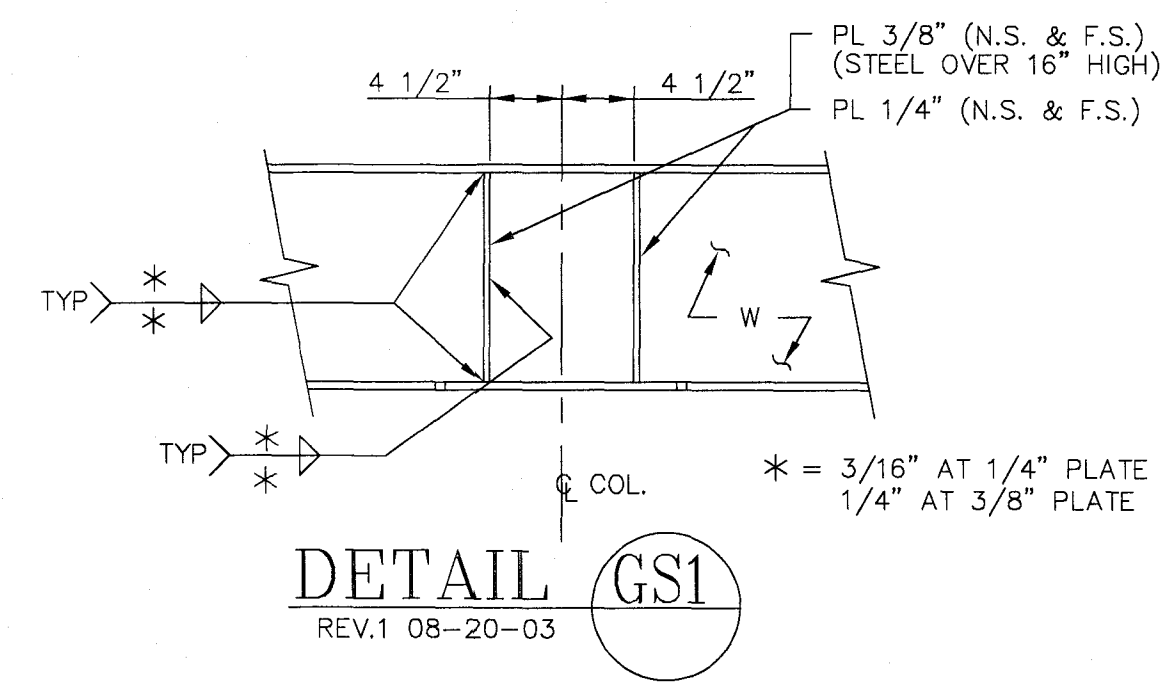
McGEE CORPORATION 12701 East Independence Blvd. P.O. Box 1375 Matthews, NC 28106-1375 Phone: (704) 892-1500 Fax: (704) 892-1500 Watts: (800) 526-5589	PROJ. JOB NO. 56201	FINAL JOB NO. 56201	DRAWING NO. P056201
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CANOPY ADDITION		FOUNDATION PLAN	
SHEET NO. 1 OF 4		5/19/18	



NOTE: MCGEE CORPORATION & THEIR ENGINEERS TAKE NO RESPONSIBILITY FOR EXISTING FOOTINGS, ANCHOR BOLTS, COLUMNS & TOP STEEL



MAIN FRAME DETAIL



DETAIL GS2

REV.6 3/4/02

ANCHOR BOLT SHIPPING REQUIREMENTS

ANCHOR BOLT USE	BOLT DESCRIPTION	QUANTITY
BCS-BASE PLATE (4 PLACES)	1-1/4" x 36" LONG HEX HEAD ANCHOR BOLT	16

HARDWARE LIST BREAK-DOWN (REFERENCE ONLY)

ITEM USE (# OF PLACES FOR CHECKING ONLY)	DESCRIPTION	QUANTITY
TC1-TOP PLATE (4 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS	16
WP2-BEAM SPLICE (4 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS	24
WP2-BEAM SPLICE (8 PLACES)	6x10x1/4" PLATE	8
BS6-BEAM SPLICE (4 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS	32
PH20-CONNECTION (8 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS	32
WA1-CONNECTION (4 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS	24
WA1-CONNECTION (4 PLACES)	L3x3x1/4" x 4" LG.	8
GS30-CONNECTION (16 PLACES)	5/8" x 2-1/2" BOLTS w/ NUTS	32

CANOPY SHIPPING STEEL HARDWARE MANIFEST

QUANTITY	DESCRIPTION	QUANTITY SHIPPED	PULLED BY	CHECKED BY	TRAILER #	LOADED BY
176	5/8" x 2-1/2" BOLTS w/ NUTS					
8	(WP2) 6x10x1/4" PLATE					
8	(WA1) L3x3x1/4" x 4" LG.					

CANOPY SHIPPING MANIFEST

	TOP PLATE	BASE PLATE	PLATE DRAINS	W/S & CONDUIT	VENT
2	MF-1 W16x57 (36'-0")				
2	PUR-1 W12x26 (49'-0 3/4")				
2	PUR-2 W12x26 (49'-11 1/4")				
4	PUR-3 W12x26 (17'-7")				
8	STR-1 MCBx8.5 (11'-6 3/4")				
2	STR-2 W6x9 (11'-6 1/2")				
4	COL. 1,2,3,4 HSS10x10x1/4"				
122	SIDE OUTRIGGERS @ 32" O.C.				
36	END OUTRIGGERS @ 32" O.C.				
1-LOT	HARDWARE				

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

MCGEE CORPORATION
12701 East Independence Blvd. P.O. Box 1375
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Fax: (704) 882-5589

PR. JOB NO. 56201
FINAL JOB NO. 56201
DRAWING NO. P056201A

KROGER #A-444
5830 HARRISON RD
CINCINNATI, OH 45248 (HAMILTON)

SCALE: 1/8"=1'-0"
DATE: 4/19/18

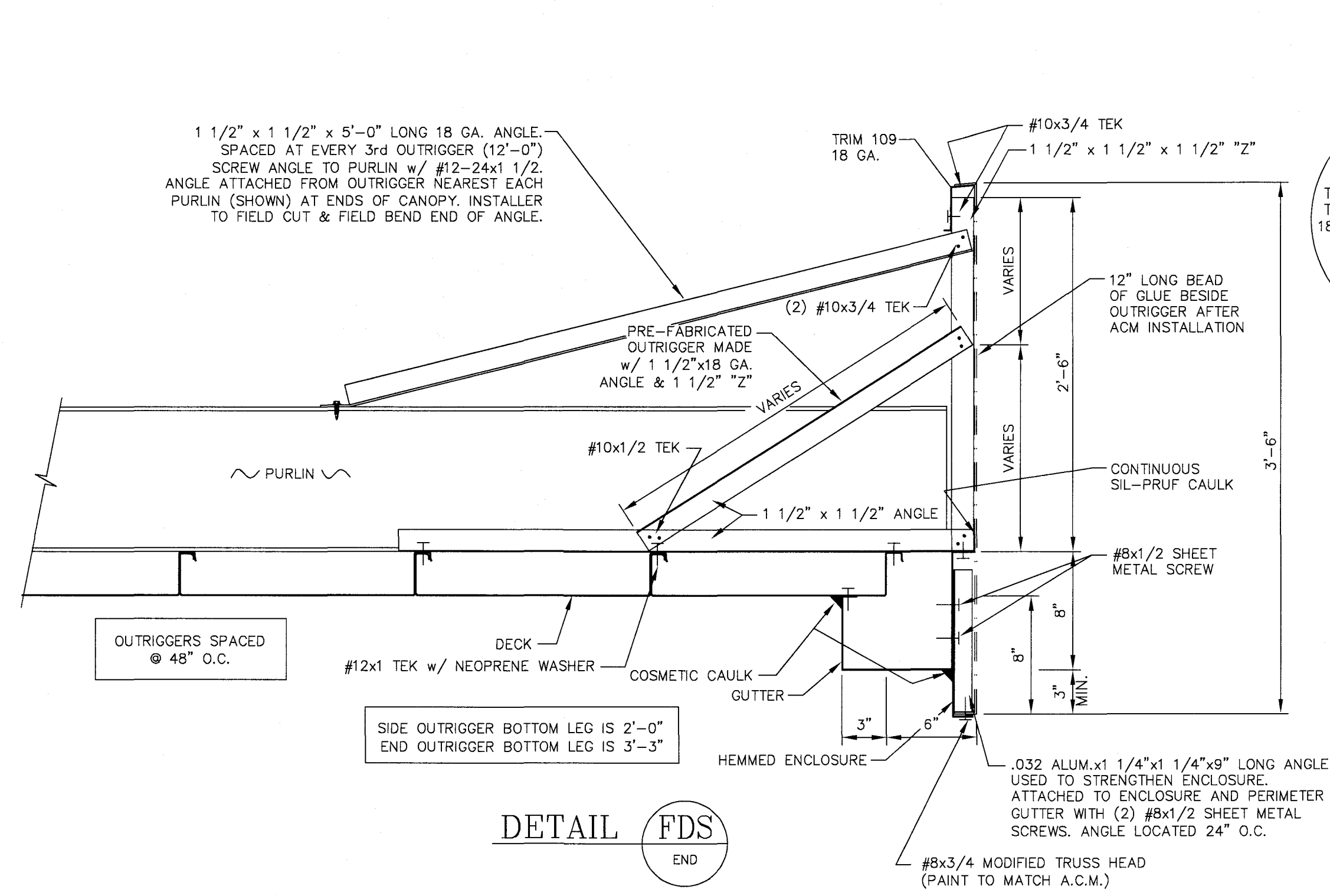
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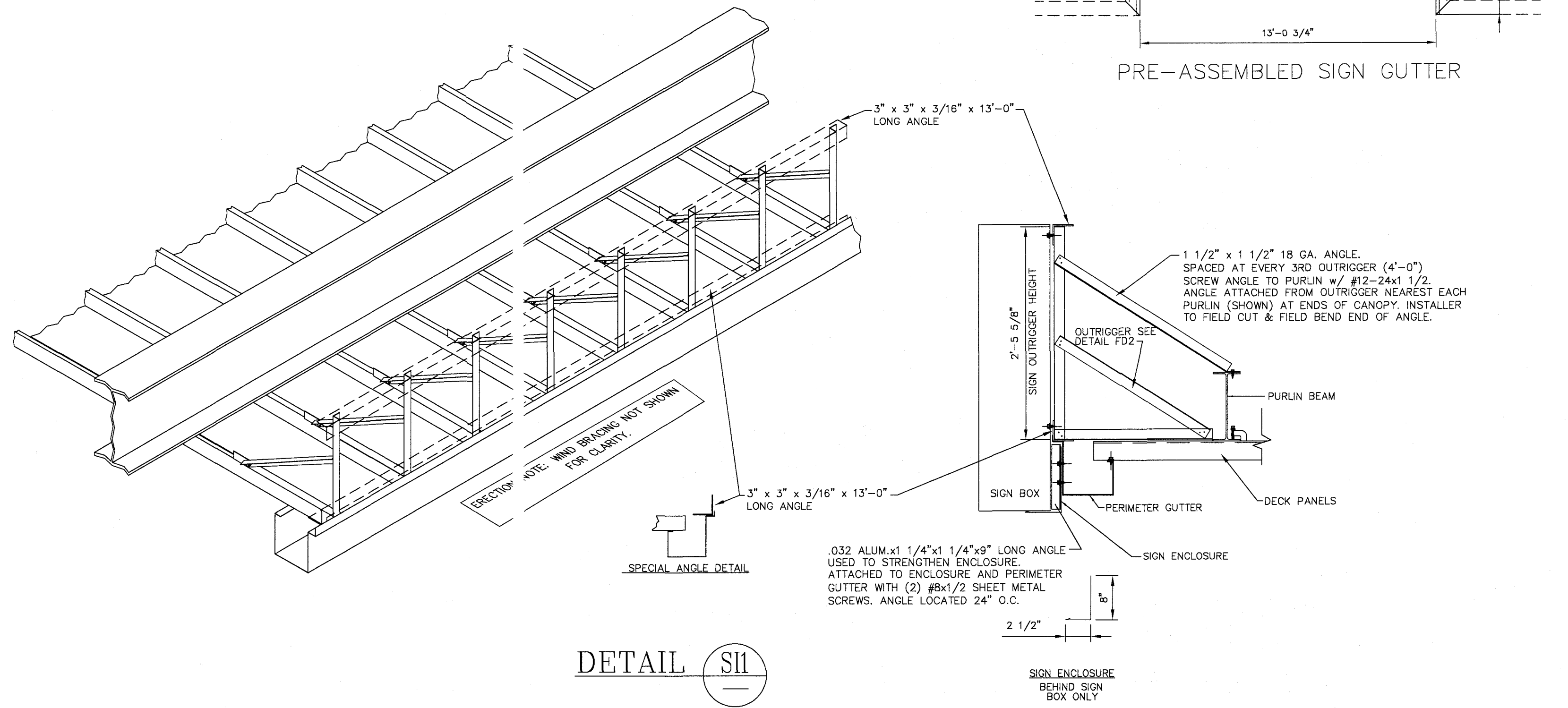
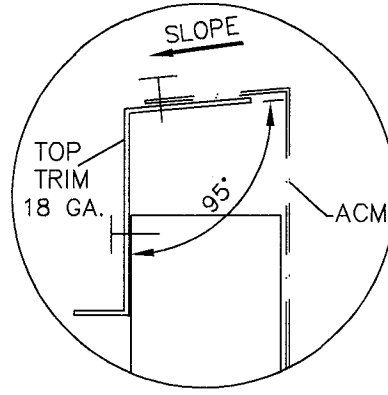
CANOPY ADDITION
ROOF PLAN & DETAILS

SHEET NO. 2 OF 4

5/4/18



NOTE INSTALLERS: ACM MUST SLOPE AWAY FROM FASCIA

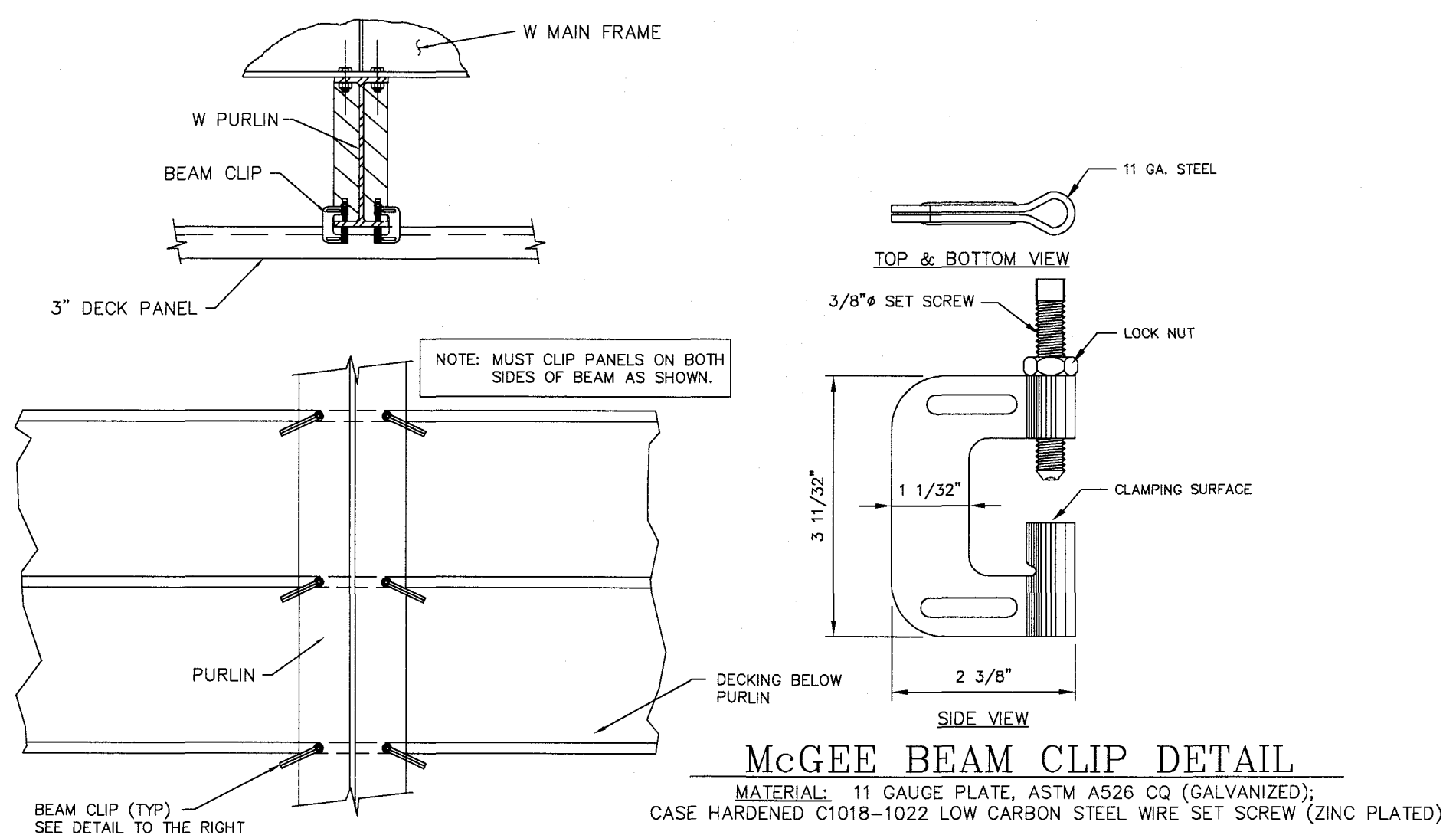
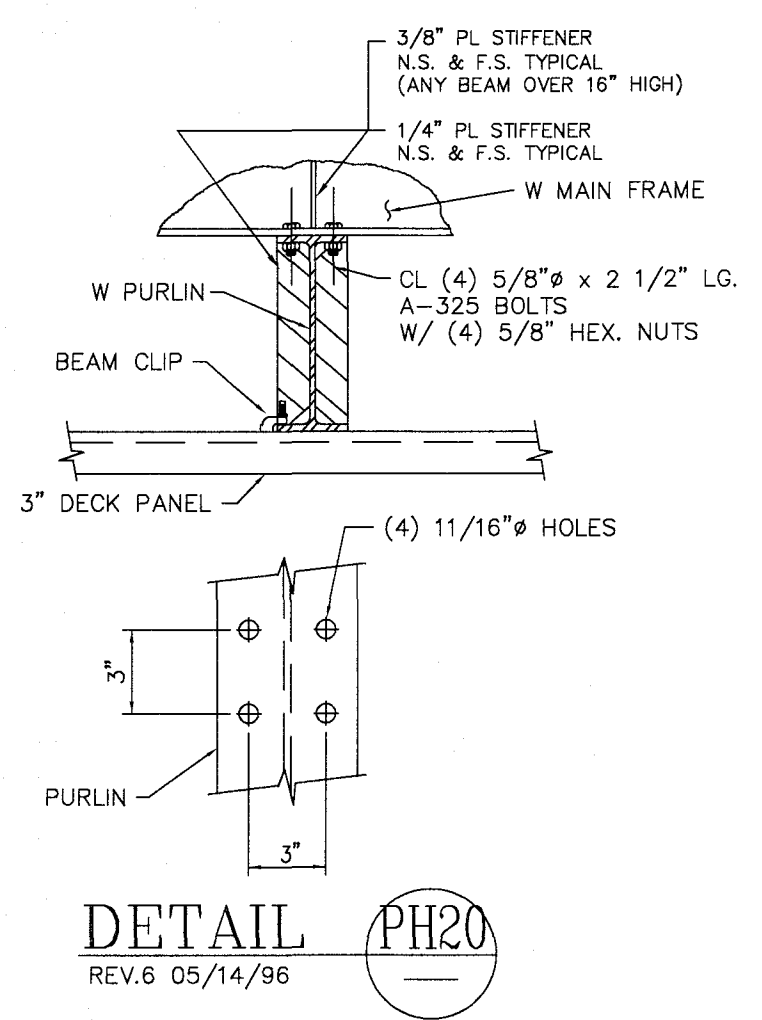
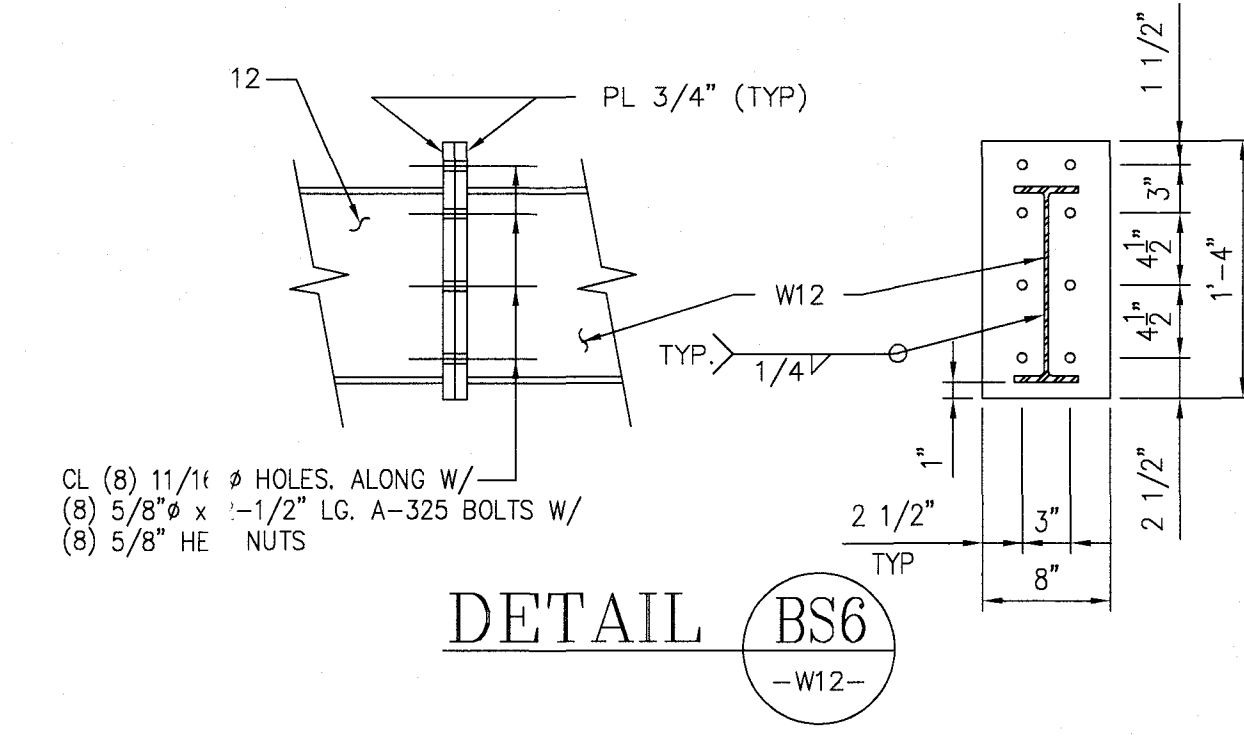
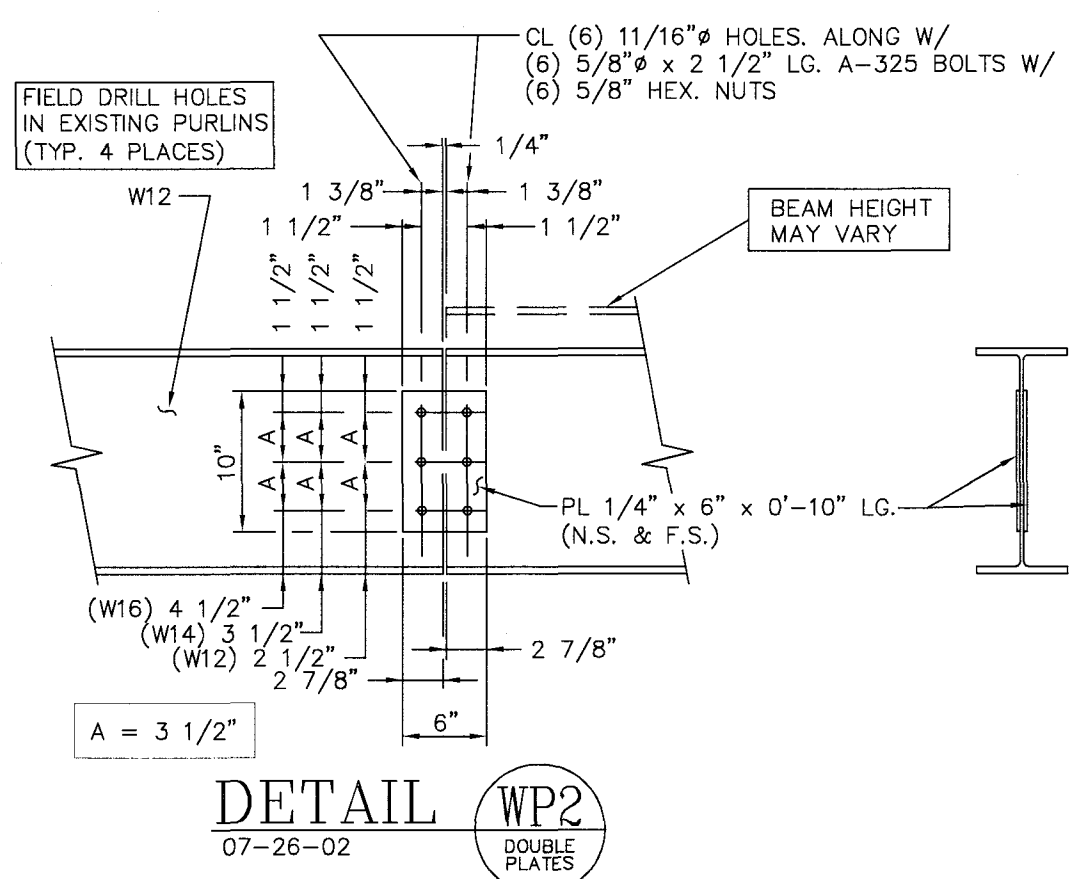
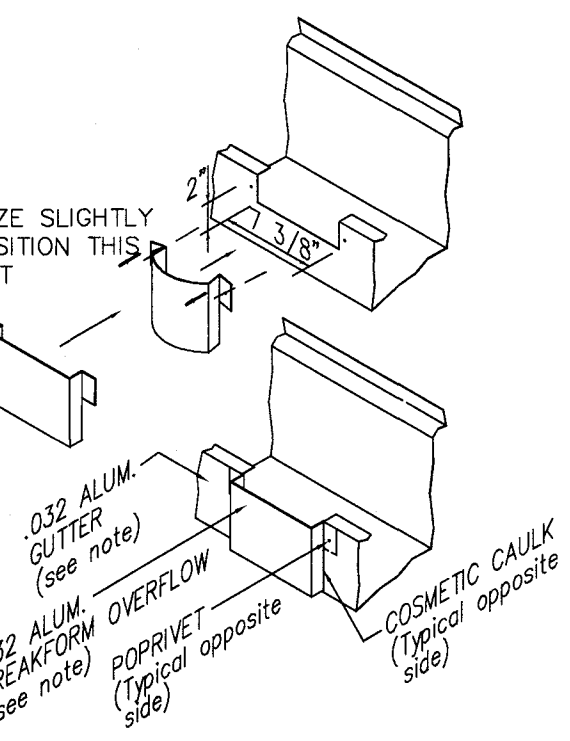


PERIMETER GUTTER O'FLOW CUTOUT (SHOWN)

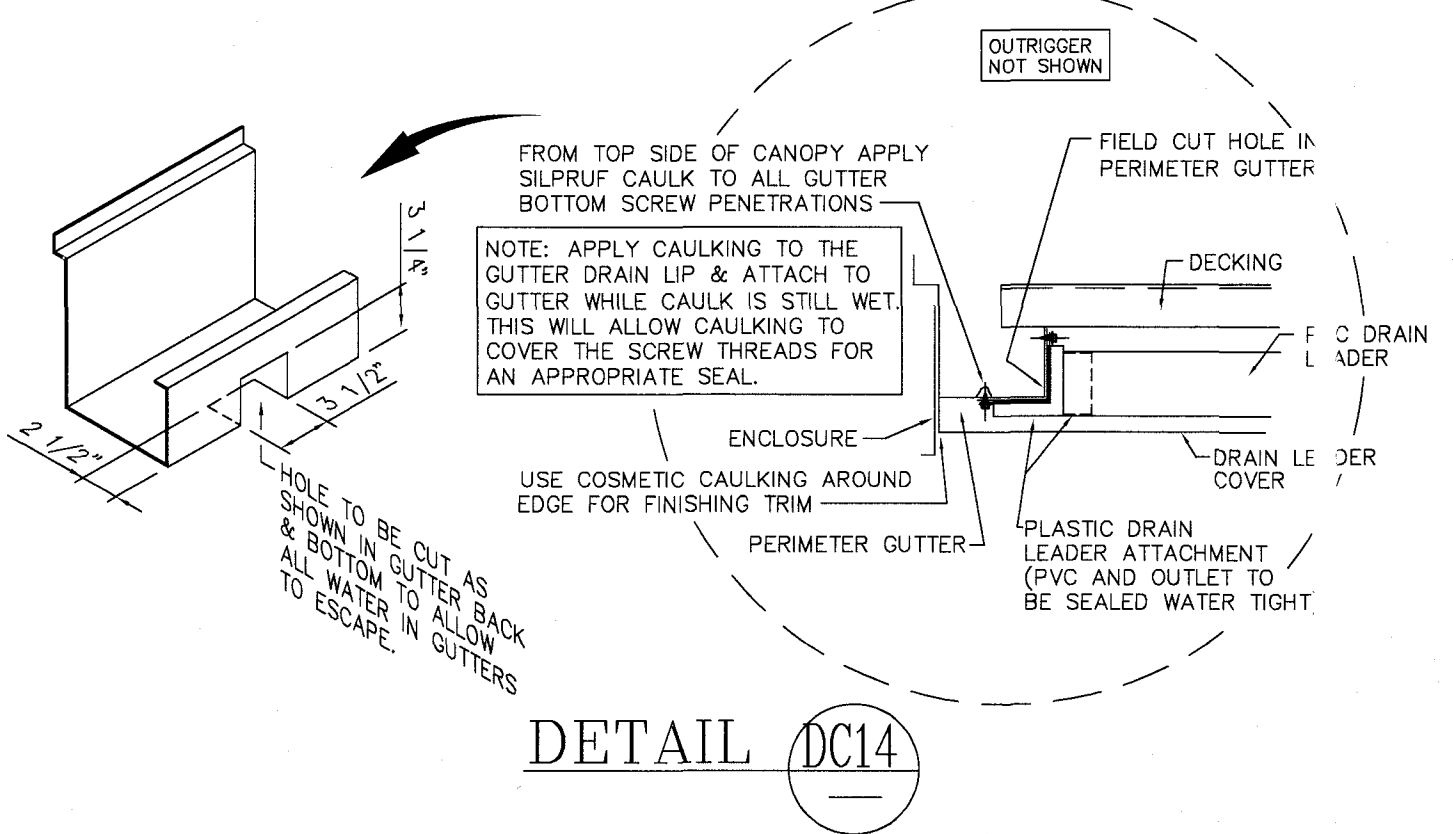
NOTCH 2"x 7 3/8" HOLE IN GUTTER AS SHOWN (See roof plan for locations on canopy)

CENTER GUTTER O'FLOW CUTOUT NOTCH 2"x 7 3/8" HOLE IN GUTTER AS SHOWN ALTERNATE DIRECTION OF CUT OUT AND OVERFLOW IF MORE THAN (2) OVERFLOWS ARE PRESENT (See roof plan for locations on canopy)

OVERFLOW INSTALLATION INSERT (1) FLANGE AND BEND JUST ENOUGH TO GET OTHER SIDE IN. USE (1) POPRIVET EACH SIDE THEN APPLY COSMETIC CAULK AROUND EDGES.

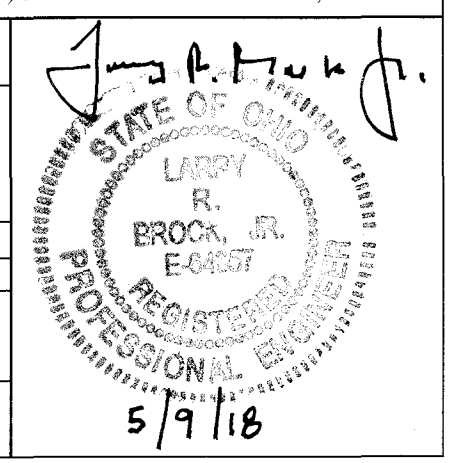


McGEE BEAM CLIP INSTALLATION PROCEDURE: SET BEAM CLIP WITH SET SCREW ON TOP OF BEAM FLANGE AND CLAMPING SURFACE UNDER DECK RIB. PUSH CLIP AGAINST DECK AND BEAM FLANGE WITH SET SCREW AS FAR ONTO BEAM FLANGE AS POSSIBLE. WHILE KEEPING BEAM CLIP VERTICAL, TURN SET SCREW TO SNUG TIGHT WITHOUT BURROWING INTO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

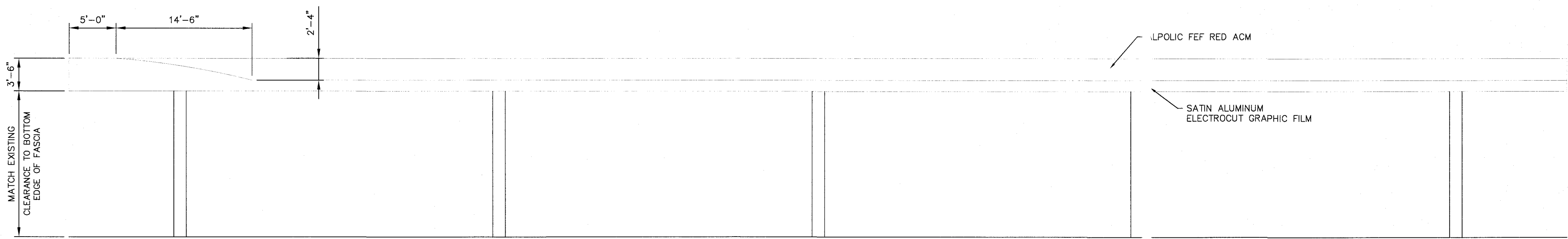


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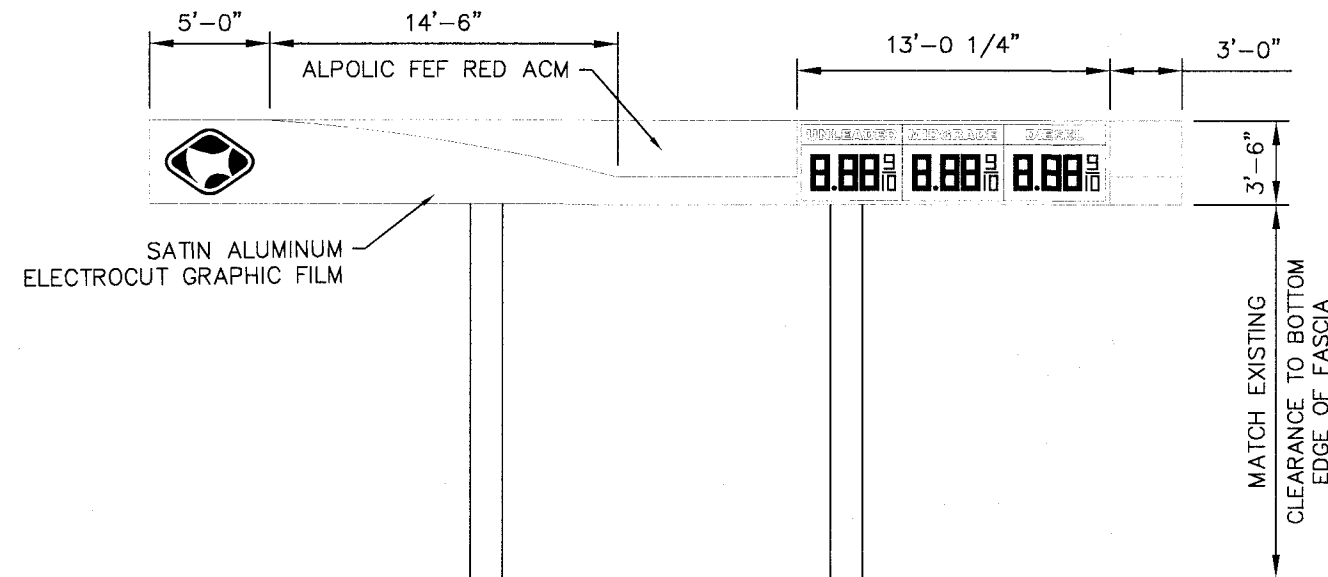
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	CANOPY ADDITION MISC. DETAILS		IN ACCORDANCE WITH REV. LETTER: DRAWN BY: DWG CHK'D BY:
		SHEET NO.	4
		3 of	4



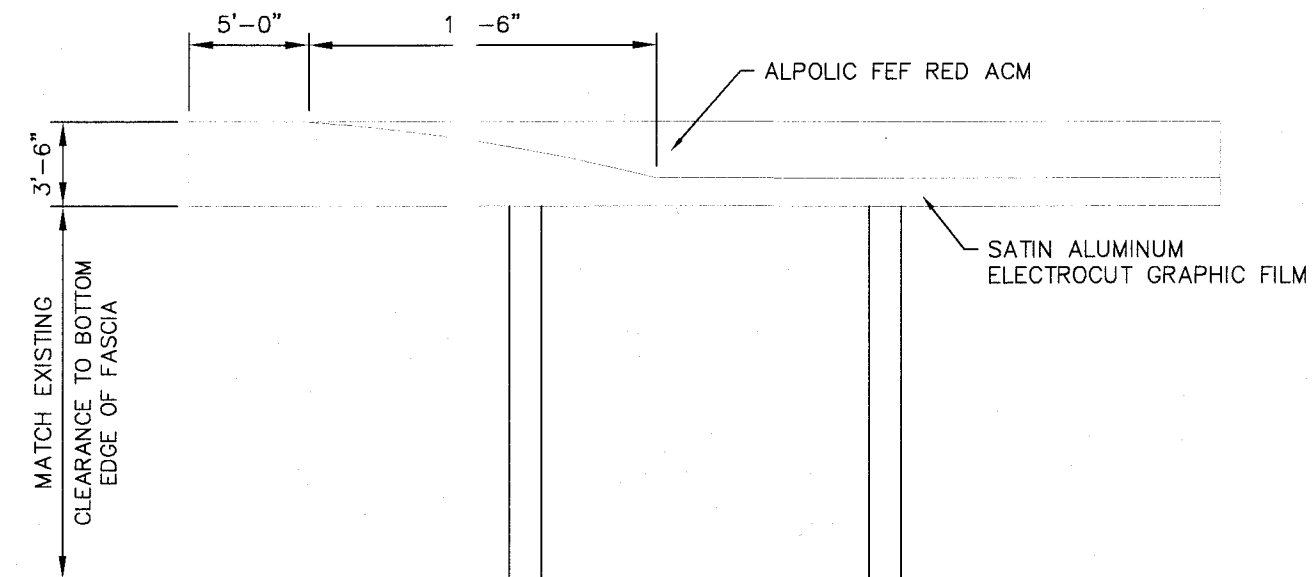
NOTE: KROGER, LOGO AND PRICE SIGNS ARE FURNISHED AND INSTALLED BY OTHERS.



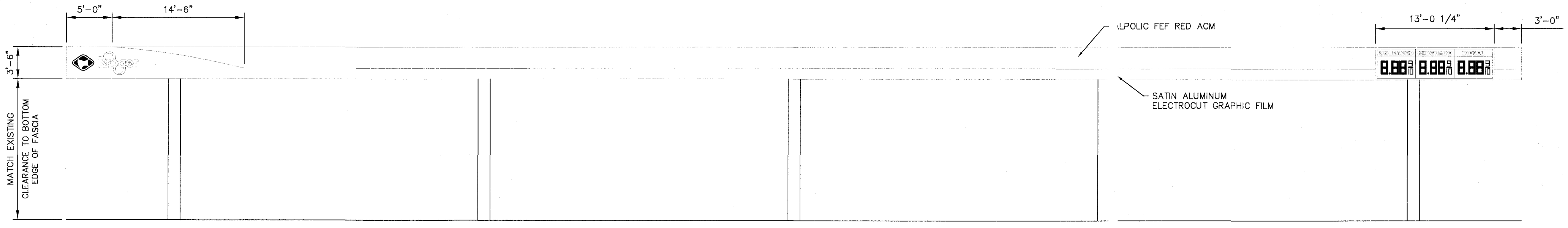
FRONT ELEVATION



LEFT ELEVATION



RIGHT ELEVATION



REAR ELEVATION

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		56201	P056201C
	KROGER #A-444 5830 HARRISON RD CINCINNATI, OH 45248 (HAMILTON)		
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CANOPY ADDITION			SHEET NO. 4 OF 4
CANOPY ELEVATIONS			5/9/18