

BARTON PLACE RETAIL PAD 1
4747 KATELLA AVE. CYPRESS, CA 90720
SHOP DRAWING SUBMITTALS FOR: CANOPY AND AWNING
(1ST SUBMITTAL 4-23-21)

SUBMITTED BY:
DIVISION 7 SERVICES, INC.
RIVERSIDE, CA 92506
951-898-2881

NOTES:

1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
2. ALL DIMENSIONS TO BE FIELD VERIFIED.
3. MATERIALS:
 - 3.1 PERFORATED PANELS: GALVANIZED STEEL COMMERCIAL QUALITY CARBON STEEL SHEETS WITH MINIMUM OF 0.20 PERCENT COPPER CONTENT COMPLYING WITH ASTM A 526, HOT-DIP GALVANIZED TO COMPLY WITH ASTM A 525, 1.25 COMMERCIAL CLASS, MILL PHOSPHATISED IF SHOWN TO RECEIVE PAINTED FINISH. PROVIDE 16 GAGE MINIMUM UNLESS OTHERWISE INDICATED.
 - 3.1a PERFORATED PANELS TO BE PROVIDED IN TWO PERFORATION PATTERNS AS FOLLOWS:
 - I. ~~X~~ 16 GAGE ALUMINUM MESH WITH 3/16" HOLES AND 1/4" STAGGERED CENTERS BY MCNICHOLS.
 - II. ~~X~~ 1" X 6" X 1/8" THICK HOLLOW ALUMINUM TUBING, SECTION NUMBER T16LOCATIONS TO BE SELECTED BY ARCHITECT.
 - 3.2 STRUCTURAL STEEL TUBE AND ANGLES ARE COMMERCIAL QUALITY STEEL ASTM A36.
4. FASTENERS ARE CALLED OUT IN PARTS LISTS ON 1989_D4.
5. ALL COMPONENTS ARE TO BE POWDER COATED. DARK BRONZE
6. ALL STRUCTURAL WELDING TO BE DONE IN ACCORDANCE WITH ORANGE COUNTY BUILDING CODES ~~AND AWS STANDARDS.~~
7. SEALANT TO BE SIKAFLEX 1A, ONE COMPONENT POLYURETHANE SEALANT AS SPECIFIED IN SECTION 07 92 00 JOINT SEALERS.
8. SOLDER TO BE TYPE 50/50, LEAD/TIN MIX PER ASTM B32.

GENERAL, USE BOM FOR MATERIAL LIST AND NOT REPEAT ITEMS?

Provided data sheet is 8 gage

MATERIALS:
HSS, ASTM A500 GR. B
CHANNEL, ASTM A36
ANGLE, ASTM A36

D4 OF THIS DRAWING
SET? LISTED ON BOM
FOR EACH
COMPONENT?

CYPRESS MUNICIPAL CODE SECTION 5.1 AND 5.2



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NOTE :
ALL DIMENSIONS TO BE FIELD
VERIFIED.

GENSLER DWG. REFERENCE :

REV. #	DESCRIPTION	DATE

DCA 05/05/2021

APPLICATION	STYLE	FASTENER	SIZE/LENGTH	FINISH/COLOR	ABBREVIATION	COLOR LEGEND	FLASHING DESIGNATION	TITLE SHEET DESIGNATION
METAL TO PLYWOOD	PAN HEAD		#14x1 1/2"	MATCH FLASHING	B.O. BOTTOM OF	01 TBD	TC TPO CLAD METAL A ALUMINUM	CS COVER SHEET D DETAILS
					CMU CONCRETE MASONRY UNIT	02 WHITE	PC PVC CLAD METAL B BONDERIZED	REF REFERENCE STS STANDING SEAM
					D.S. DOWNSPOUT	03 TAN	G GALVANIZED C COPPER	RP ROOF PLAN SSD STANDING SEAM DETAILS
					E.J. EXPANSION JOINT	04 MILL FINISH	GL GALVALUME SS STAINLESS STEEL	ELE ELEVATION C COMPONENTS
METAL TO METAL W/WASHER	HEX HEAD		#14x1 1/2" W/WASHER	MATCH FLASHING	ELEV. ELEVATION	05 G90	<div><div>MATERIAL THICKNESS</div><div>MATERIAL DESIGNATION</div><div>COLOR DESIGNATION</div><div>24/SS-01</div></div>	<div><div>PAGE NUMBER</div><div>SHEET NUMBER</div><div>1_CS</div></div>
					EXT. EXTERIOR	06 304.2D		
					GA. GAUGE	07 PRE-FINISHED		
					GALV. GALVANIZED	08 POST PAINTED		
METAL TO METAL	HEX HEAD		#14x1"	MATCH FLASHING	GYP. GYPSUM	09 COPPER		
					IN. INSIDE	10 AS NOTED		
					INSUL. INSULATION			
					INT. INTERIOR			
METAL TO METAL	RIVET		1/8"x3/8"	MATCH FLASHING	NEO. NEOPRENE			
					SMS. SHEET METAL SCREW			
					T.O. TOP OF			

CANOPY AND AWNING

4747 KATELLA AVE. CYPRESS, CA
90720

**COVER SHEET
& NOTES**

Date: 04/23/2021

Drawn by: T.N.

PRCT. MANAGER : ADAM ACEVES

Scale: AS SHOWN

CS.01



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CANOPY & AWNING
PLAN VIEW

Location : 4747 KATELLA AVE,
CYPRESS, CA 9072

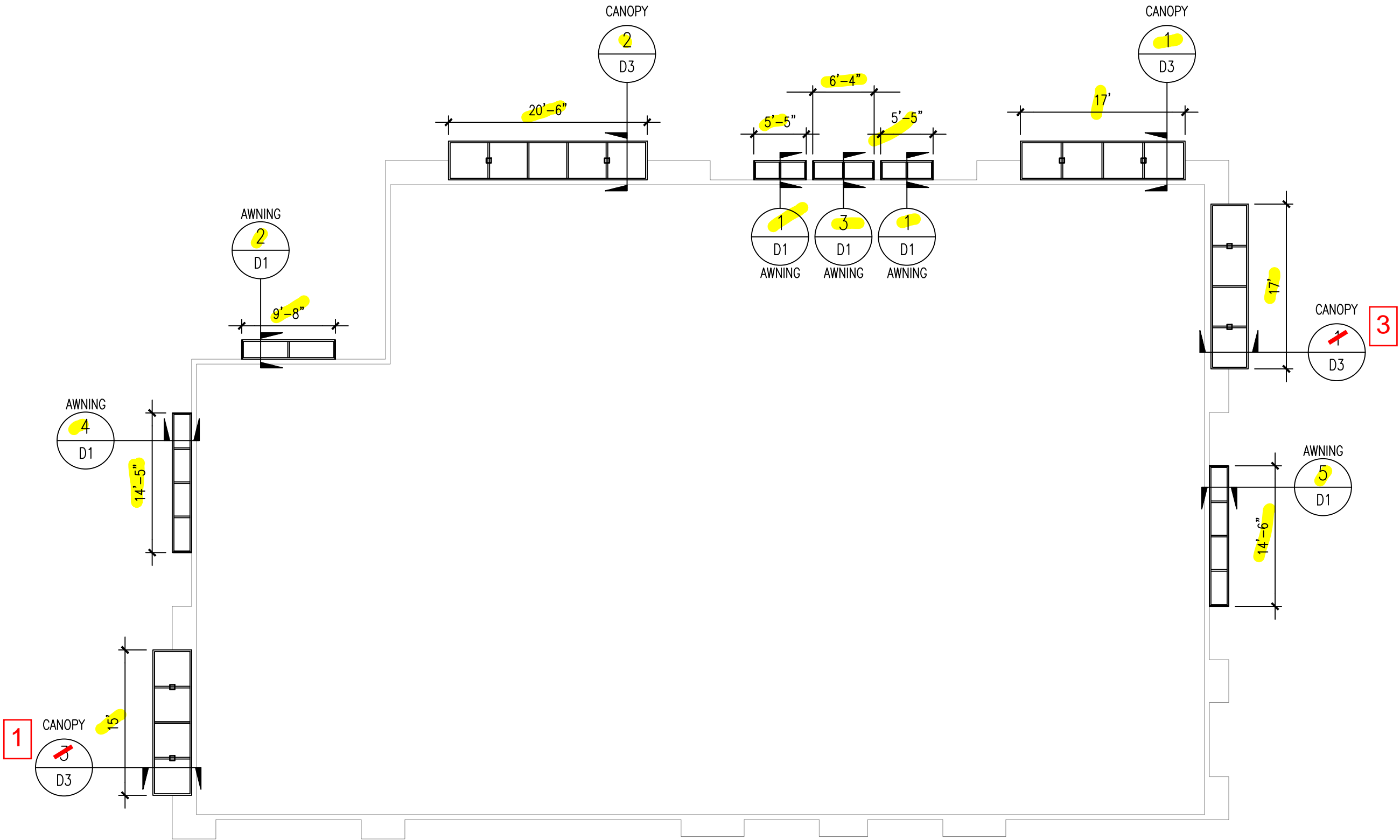
Date: 04/06/2021

Drawn by: TN

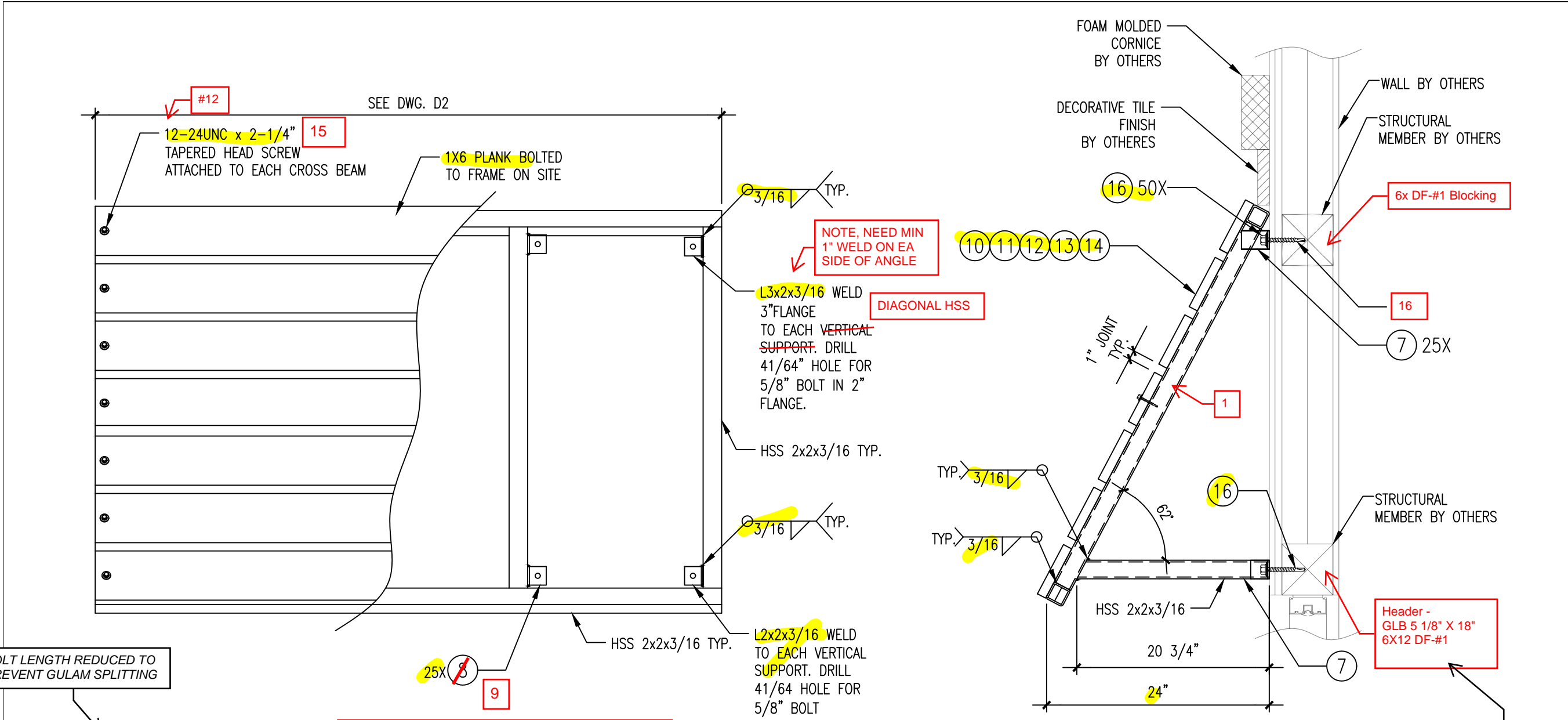
PRCT. MANAGER : ADAM ACEVES

PV1.001

Scale: N.T.S.



PLAN VIEW
SCALE: NTS



BOLT LENGTH REDUCED TO PREVENT GULAM SPLITTING

MAKE SCREWS 1-8 STAINLESS STEEL TO PROTECT AGAINST CORROSION BETWEEN TWO METALS. UPSIZE SCREW IF LENGTH ISN'T AVAILABLE IN #12

#12	16	50	5/8" X 5" LG LAG BOLT W/WASHER		ANSI/ASME B18.2.1	
#15	84		12-24UNC x 2-1/4" TAPERED HEAD SCREW			
14	7	1 x 6	SOLID ALUMINUM ALUMINUM TUBE	174	6061-T6	7.05
13	7	1 x 6	SOLID ALUMINUM ALUMINUM TUBE	173	6061-T6	7.05
12	7	1 x 6	SOLID ALUMINUM ALUMINUM TUBE	76	6061-T6	7.05
11	7	1 x 6	SOLID ALUMINUM ALUMINUM TUBE	116	6061-T6	7.05
10	14	1 x 6	SOLID ALUMINUM ALUMINUM TUBE	65	6061-T6	7.05
9	25	L 2 x 2 x 3/16		2	STRUCTURAL STEEL ANGLE (ASTM A36)	2.44
8	25	L 3 x 2 x 3/16		2	STRUCTURAL STEEL ANGLE UNEQUAL (AISC A36)	3.09
7	25	HSS 2 x 2 x 3/16		21	HOLLOW SQUARE TUBE STEEL (ASTM A500)	4.32
6	2	HSS 2 x 2 x 3/16		174	HOLLOW SQUARE TUBE STEEL (ASTM A500)	4.32
5	2	HSS 2 x 2 x 3/16		173	HOLLOW SQUARE TUBE STEEL (ASTM A500)	4.32
4	2	HSS 2 x 2 x 3/16		76	HOLLOW SQUARE TUBE STEEL (ASTM A500)	4.32
3	2	HSS 2 x 2 x 3/16		116	HOLLOW SQUARE TUBE STEEL (ASTM A500)	4.32
2	4	HSS 2 x 2 x 3/16		65	HOLLOW SQUARE TUBE STEEL (ASTM A500)	4.32
1	25	HSS 2 x 2 x 3/16		44	HOLLOW SQUARE TUBE STEEL (ASTM A500)	4.32
ITEM	QTY.	DESCRIPTION	LENGTH	REMARKS	WEIGHT LB/FT	

BILL OF MATERIAL

TYPICAL AWNING DETAILS
SCALE: NTS 6-PL'S



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AWNING DETAILS

AWNING

Location : 4747 KATELLA AVE,
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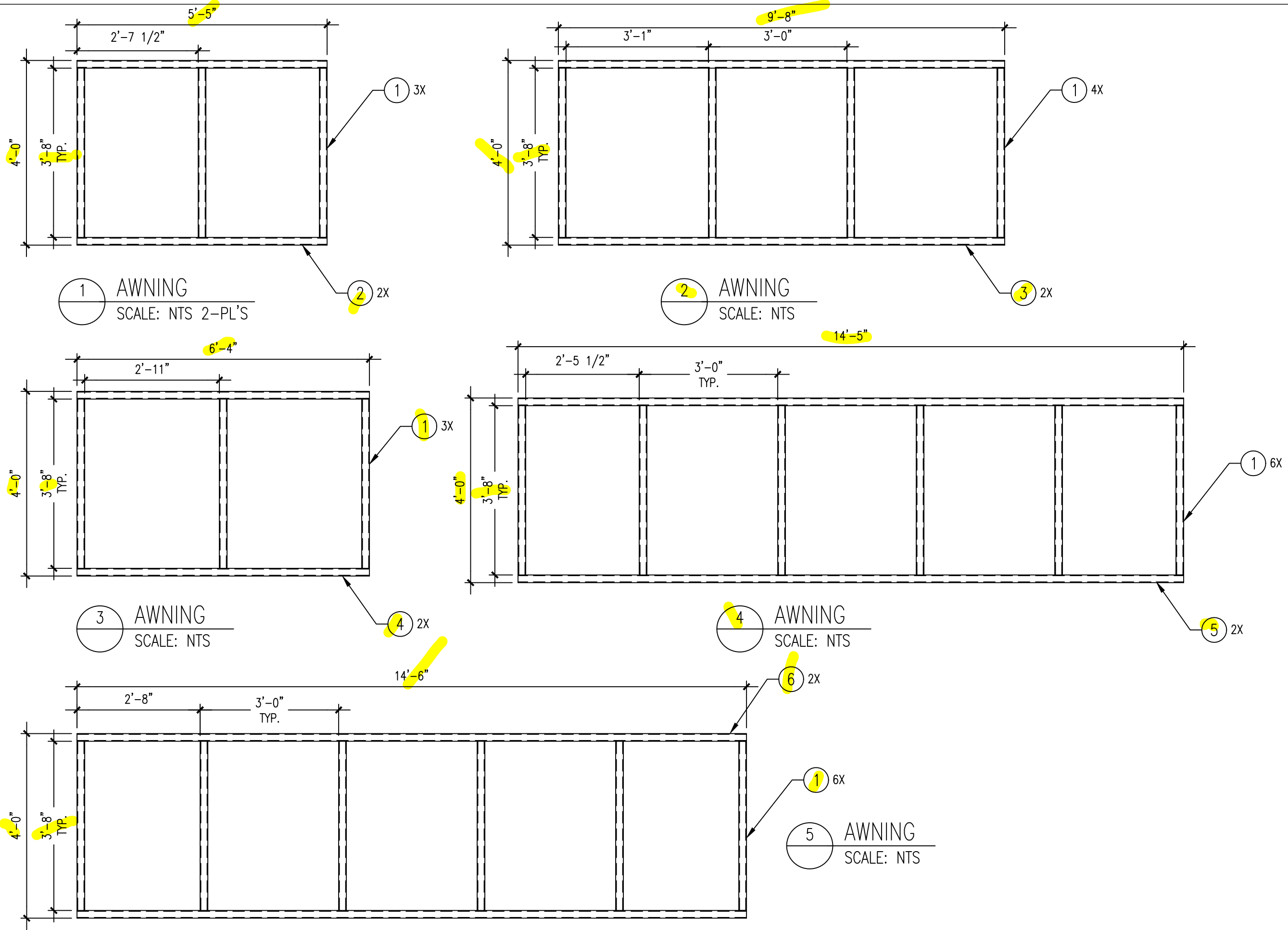
Date: 04/06/2021

Drawn by: TN

PRCT. MANAGER : ADAM ACEVES

D1

Scale: N.T.S.



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AWNING FRAME CONSTRUCTION

AWNING

Location : 4747 KATELLA AVE,
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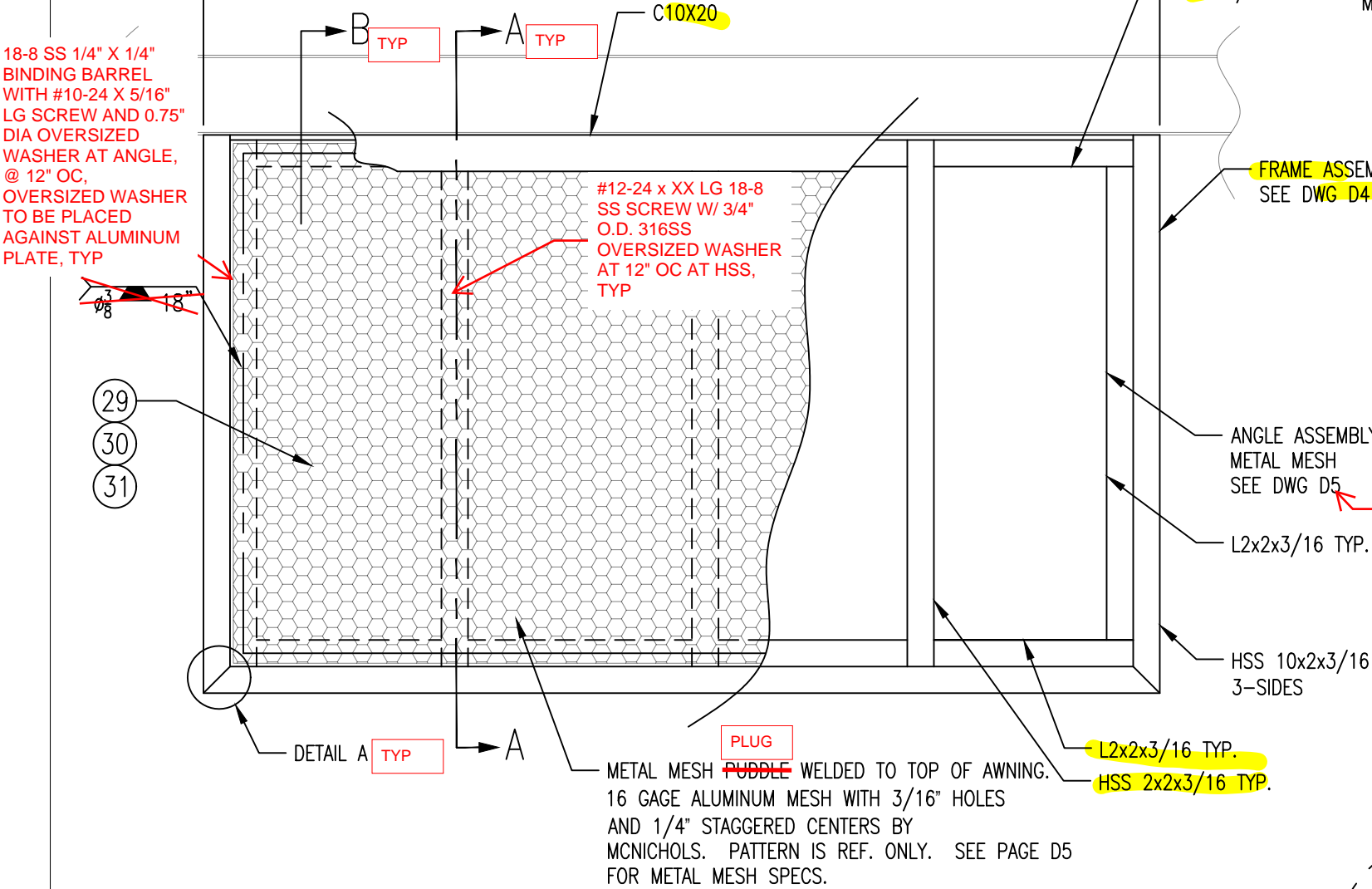
D2

Scale: N.T.S.

18-8 SS 1/4" X 1/4"
BINDING BARREL
WITH #10-24 X 5/16"
LG SCREW AND 0.75"
DIA OVERSIZED
WASHER AT ANGLE,
@ 12" OC,
OVERSIZED WASHER
TO BE PLACED
AGAINST ALUMINUM
PLATE, TYP

1/2" DIA LINDAPTER
HOLLO-BOLT, PART
NUMBER LHBM12#1HDG

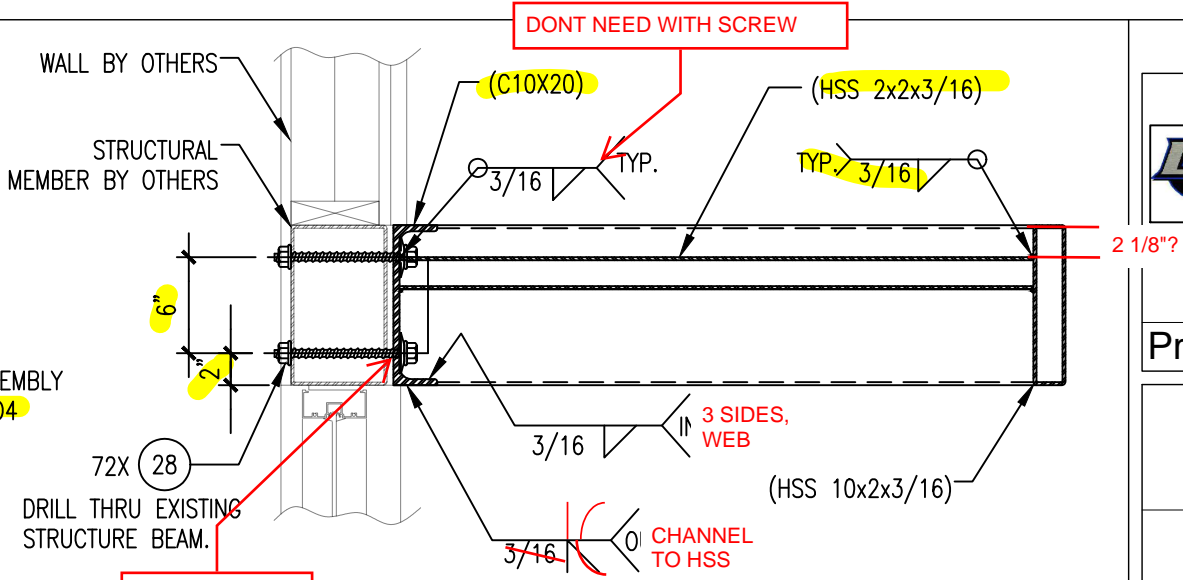
SEE DWG. D4



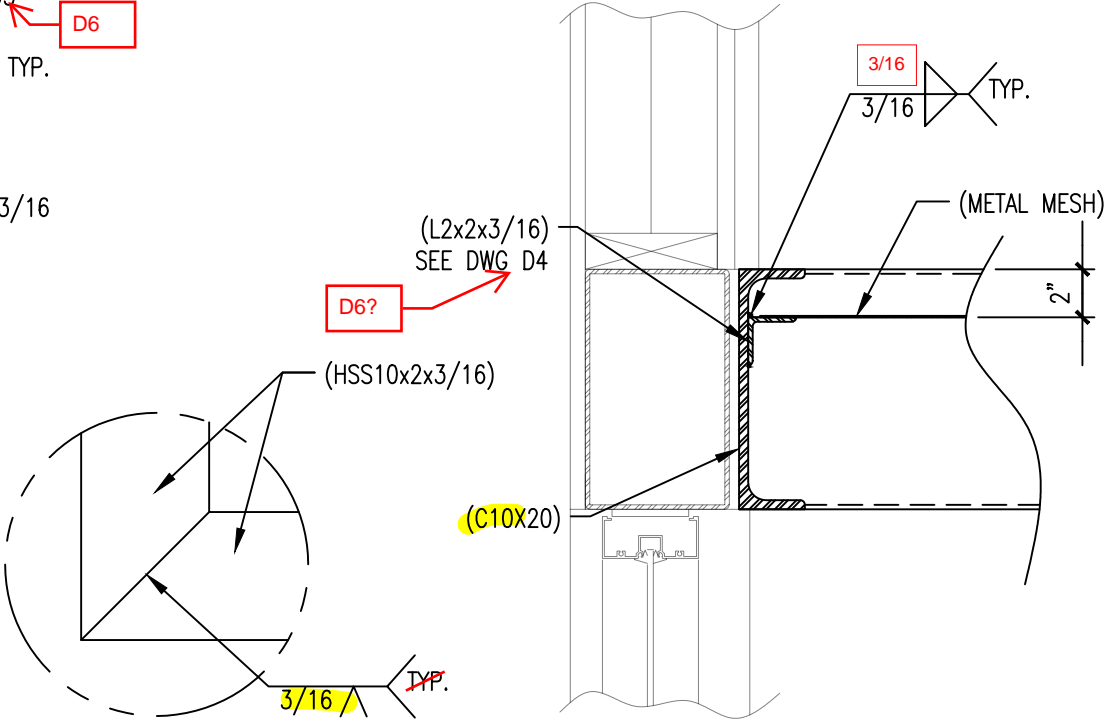
TYPICAL CANOPY W/ METAL MESH
SCALE: NTS 6-PL'S

31	2	16 GA ALUMINUM MESH4'X10'	120	3/16" HOLES AND 1/4" STAGGERED CENTERS BY MCNICHOLS	
30	3	16 GA ALUMINUM MESH4'X8'	87	3/16" HOLES AND 1/4" STAGGERED CENTERS BY MCNICHOLS	
29	1	16 GA ALUMINUM MESH 4'X10'	111	3/16" HOLES AND 1/4" STAGGERED CENTERS BY MCNICHOLS	
28	72	5/8" X 8" LG BOLT W/ NUT AND WASHER		GRADE 8 INSTALL PER ESR-3330	
27	60	L2x2x3/16	22	STRUCTUAL STEEL ANGLE (ASTM A36)	2.44
26	12	L2x2x3/16	13	STRUCTUAL STEEL ANGLE (ASTM A36)	2.44
25	8	L2x2x3/16	40	STRUCTUAL STEEL ANGLE (ASTM A36)	2.44
24	1	C10X20	176	STEEL CHANNEL (ASTM A36)	20.00
23	1	C10X20	242	STEEL CHANNEL (ASTM A36)	20.00
22	2	C10X20	200	STEEL CHANNEL (ASTM A36)	20.00
21	32	HSS 2 x 2 x 3/16	40	HOLLOW SQUARE TUBE STEEL (ASTM A500)	4.32
20	1	HSS 10 x 2 x 3/16	180	HOLLOW SQUARE TUBE STEEL (ASTM A500)	14.53
19	1	HSS 10 x 2 x 3/16	246	HOLLOW SQUARE TUBE STEEL (ASTM A500)	14.53
18	2	HSS 10 x 2 x 3/16	204	HOLLOW SQUARE TUBE STEEL (ASTM A500)	14.53
17	8	HSS 10 x 2 x 3/16	42	HOLLOW SQUARE TUBE STEEL (ASTM A500)	14.53

BILL OF MATERIAL



SECTION A-A
METAL MESH NOT SHOWN



DETAIL A

SECTION B



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CANOPY DETAILS

CANOPY

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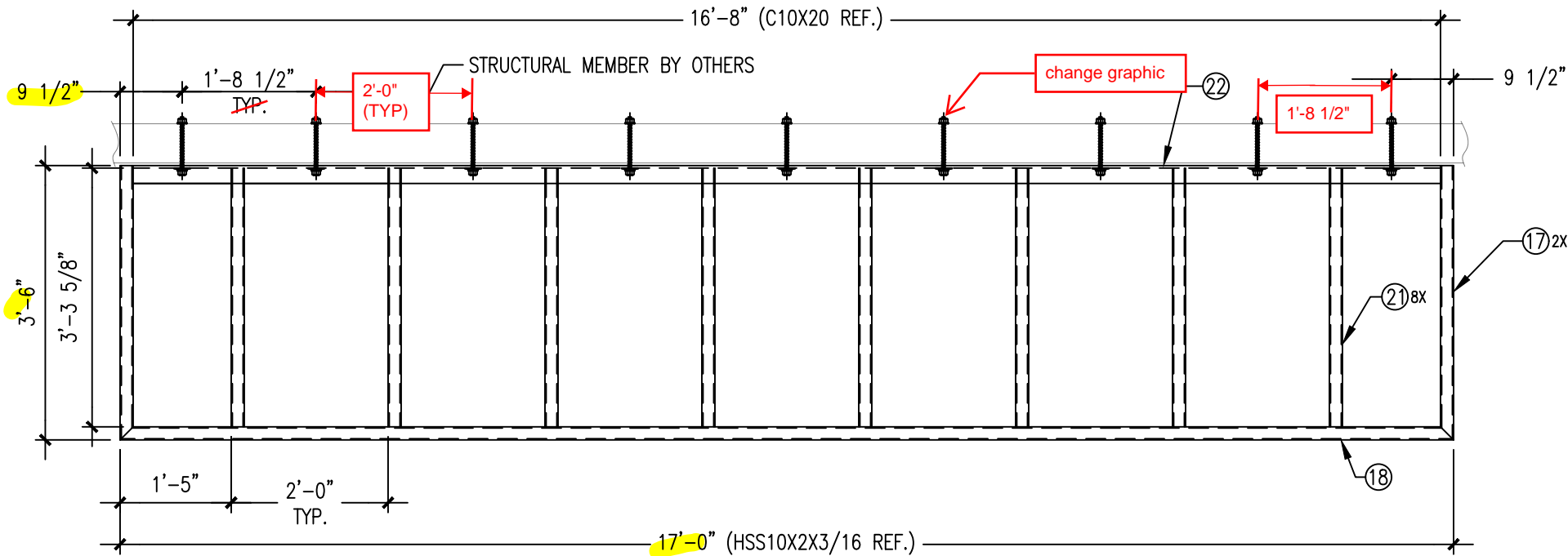
Date: 04/06/2021

Drawn by: TN

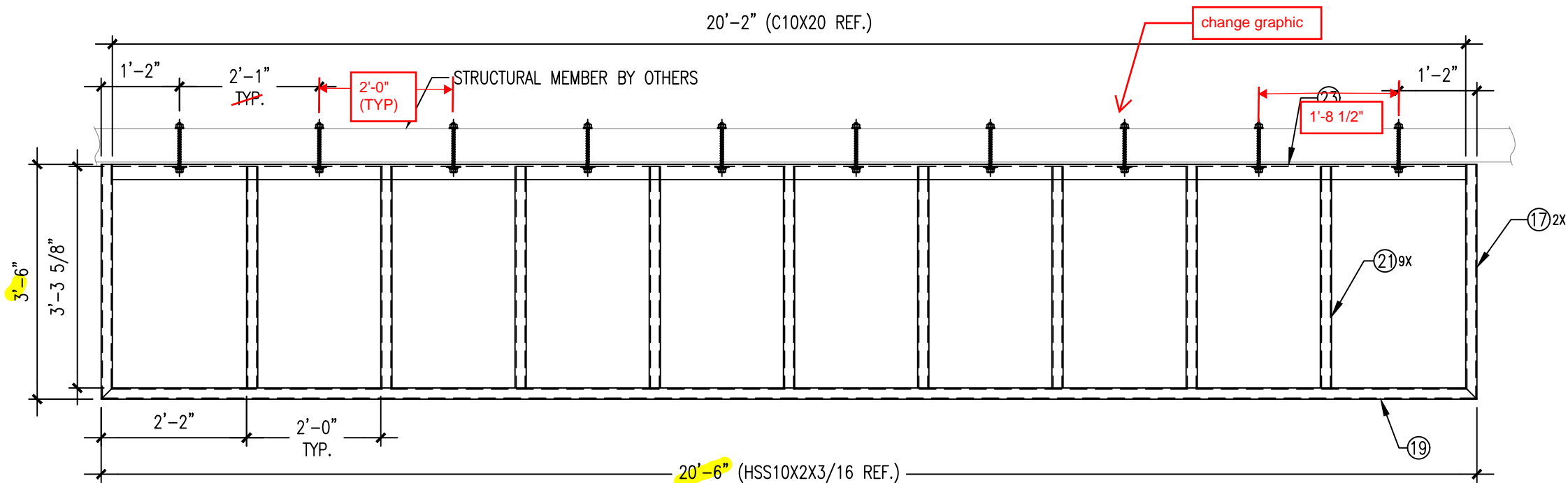
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D3

Scale: N.T.S.



1 CANOPY
SCALE: NTS 2-PL'S



2 CANOPY
SCALE: NTS



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FRAME ASSEMBLY

CANOPY

Location : 4747 KATELLA AVE,
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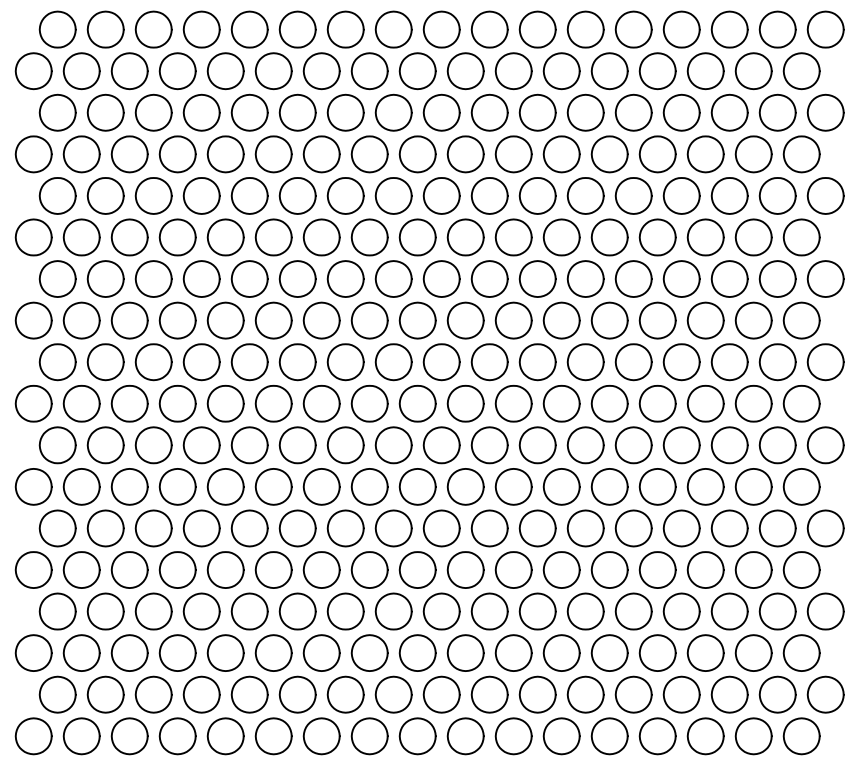
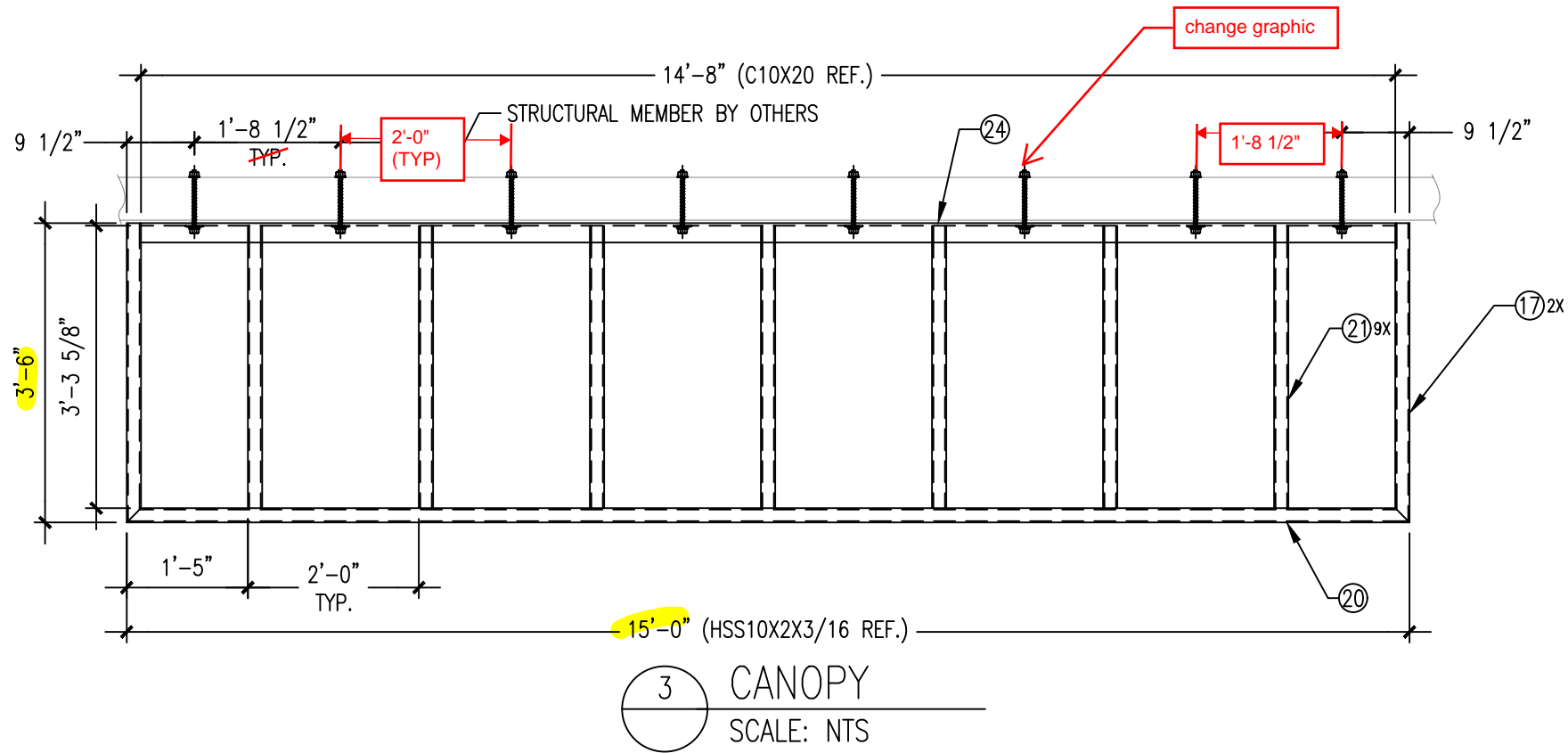
Date: 04/06/2021

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PRCT. MANAGER : ADAM ACEVES

D4

Scale: N.T.S.



DIAMOND PERFORATED METALS

3/16" Diameter 1/4" Staggered Centers

Hole Type: Round
Finish Type:
Hole Size: 3/16"
Centers: 1/4"
Pattern Type: 60 Deg
Holes PSI: 18.48
Open Area: 51.01%

METAL MESH SPECS.
SCALE: NTS



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FRAME ASSEMBLY

CANOPY

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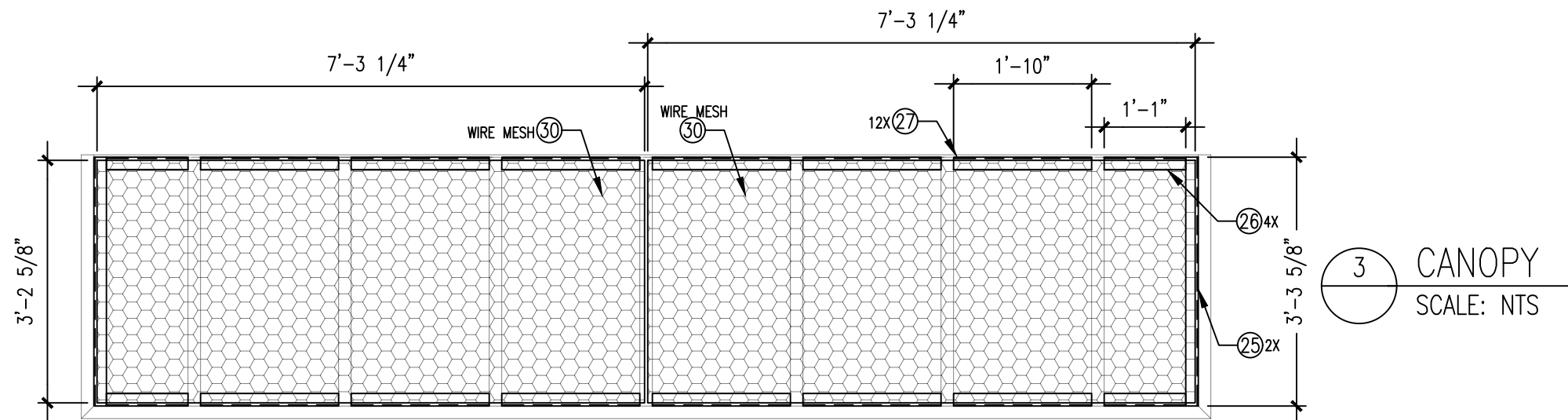
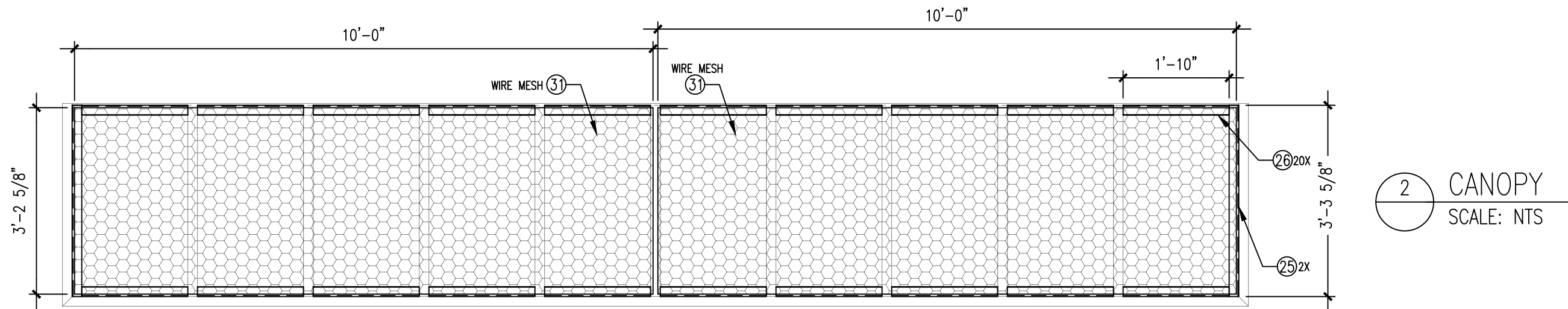
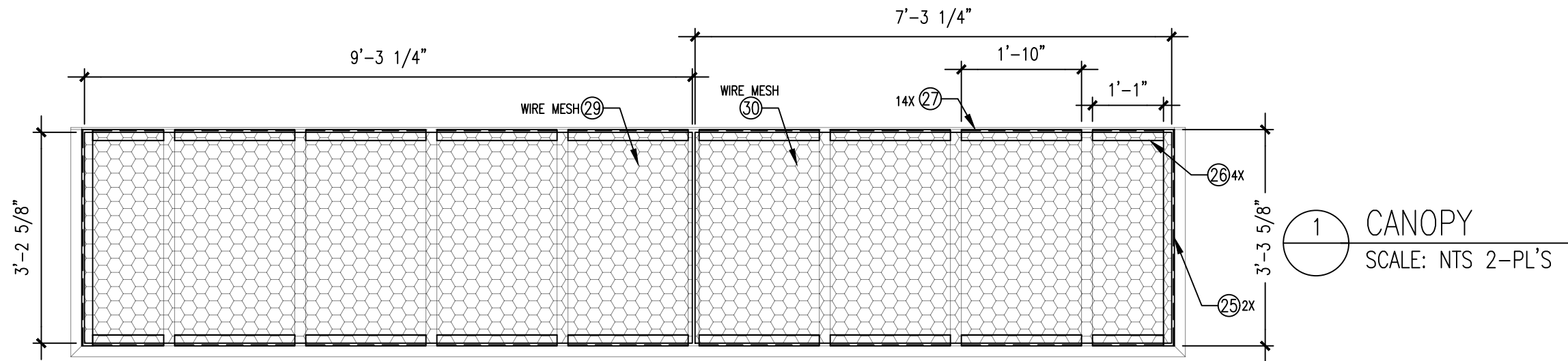
Date: 04/06/2021

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PRCT. MANAGER : ADAM ACEVES

D5

Scale: N.T.S.



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REV. #	DESCRIPTION	DATE

ANGLE/METAL
MESH ASSEMBLY

CANOPY

Location : 4747 KATELLA AVE,
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Date: 04/06/2021

Drawn by: TN

PRCT. MANAGER : ADAM ACEVES

D6

Scale: N.T.S.