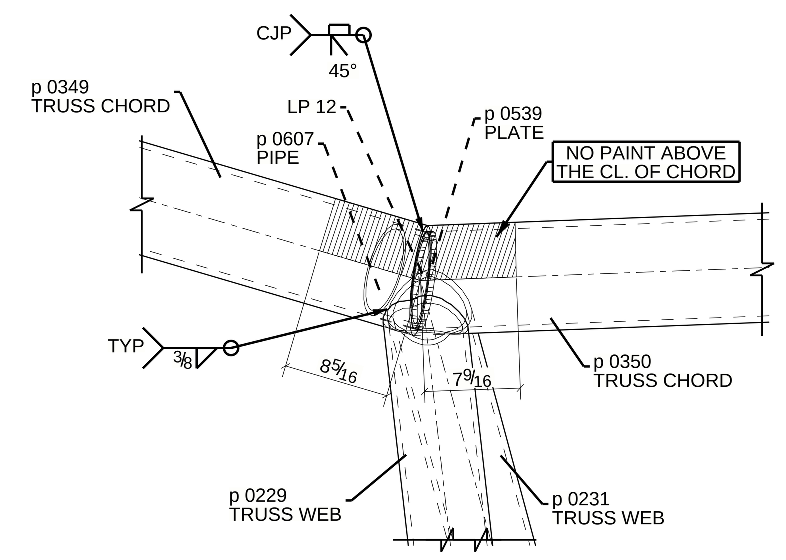
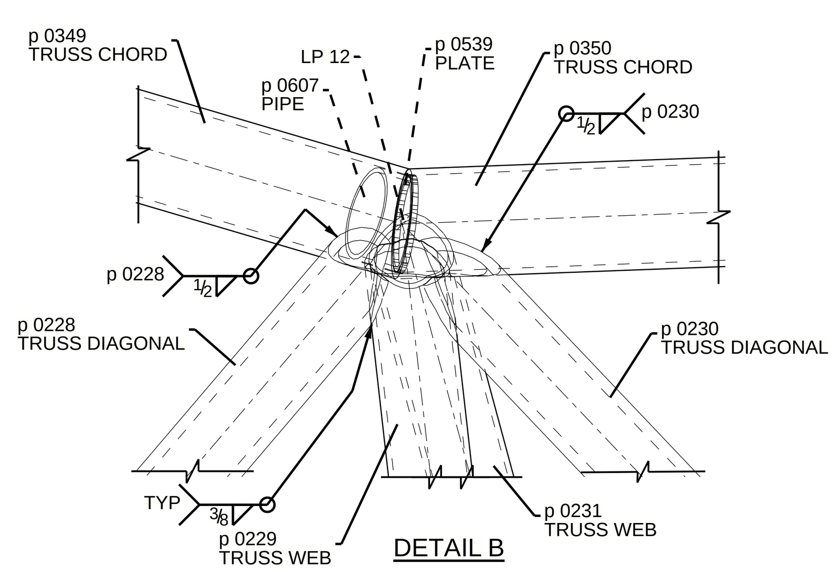


DETAIL A

REF: TYPICAL SPLICE DETAIL FOR TRUSS CHORD



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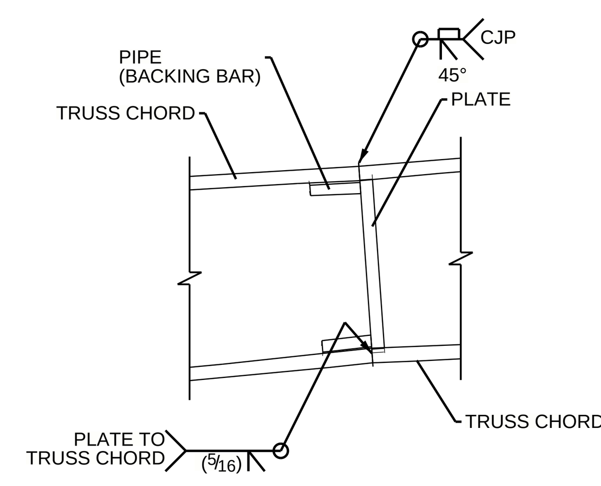
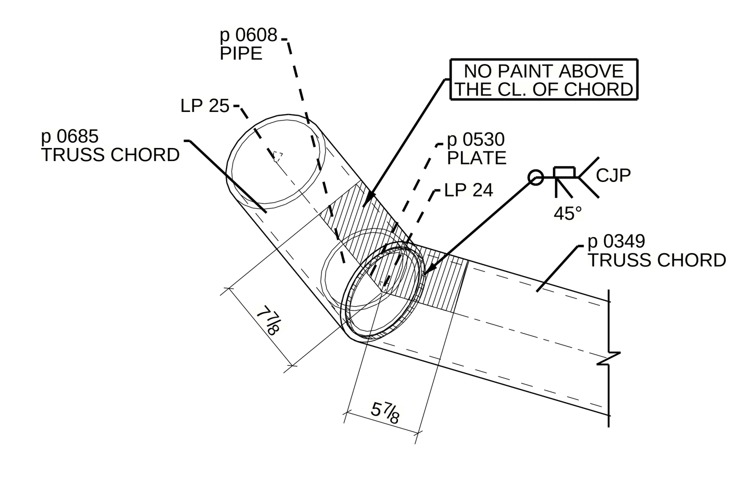


TYPICAL SPLICE DETAIL FOR TRUSS CHORD



DETAIL C

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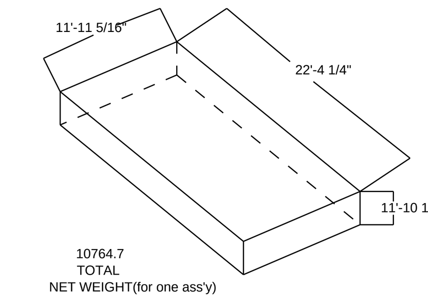
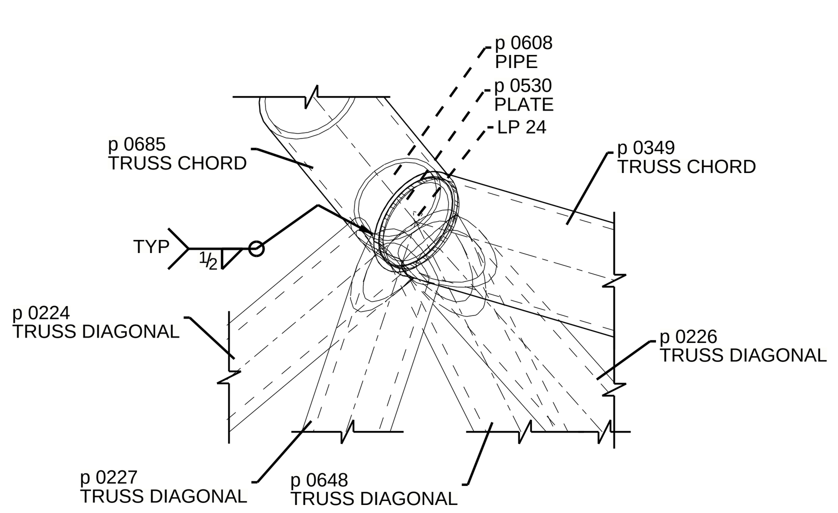
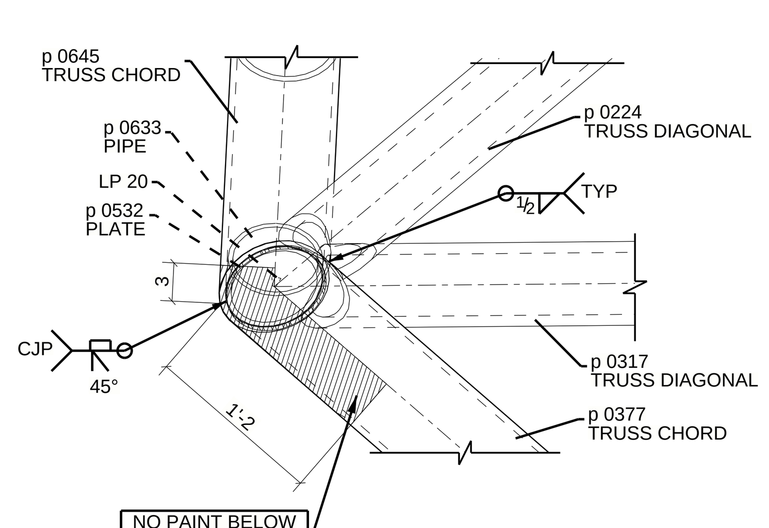


BILL OF MATERIAL								
ABM MARK	NO. OF PIECES	MARK	SECTION	LENGTH FEET	INCHES	WEIGHT (lbf)	GRADE	REMARKS
D 0212	1	D212B	SD TRUSS CHORD 22'-4 1/4"x11'-11 5/16"x11'-10 1/2"					
	1	D212B	PIPE8XS	8'	0 1/4"	325	A500-GR.C-46	
	1	p223	PIPE6XXS	2'	2 7/8"	112	A500-GR.C-46	
	1	p224	PIPE6XXS	8'	7 7/16"	431	A500-GR.C-46	
	1	p226	PIPE6XXS	8'	5 1/8"	422	A500-GR.C-46	
	1	p227	PIPE6XXS	10'	5 7/16"	523	A500-GR.C-46	
	1	p228	PIPE6XXS	10'	8 1/4"	535	A500-GR.C-46	
	1	p229	PIPE6XS	8'	4 5/8"	223	A500-GR.C-46	
	1	p230	PIPE6XXS	9'	7 3/4"	482	A500-GR.C-46	
	1	p231	PIPE6XS	7'	3 5/8"	195	A500-GR.C-46	
	1	p232	PIPE6XXS	8'	0"	400	A500-GR.C-46	
	1	p233	PIPE6XS	7'	7 3/8"	203	A500-GR.C-46	
	1	p234	PIPE6XS	6'	6 1/4"	174	A500-GR.C-46	
	1	p236	PIPE6XXS	7'	8 1/8"	384	A500-GR.C-46	
	1	p316	PIPE6XXS	8'	0 5/8"	403	A500-GR.C-46	
	1	p317	PIPE6XXS	12'	1 1/16"	605	A500-GR.C-46	
	1	p318	PIPE6XS	12'	7 13/16"	337	A500-GR.C-46	
	1	p319	PIPE6XXS	9'	11 1/16"	496	A500-GR.C-46	
	1	p320	PIPE6XXS	9'	8 7/8"	487	A500-GR.C-46	
	1	p321	PIPE6XS	7'	10 3/16"	209	A500-GR.C-46	
	1	p349	PIPE8XS	4'	5 3/4"	181	A500-GR.C-46	
	1	p350	PIPE8XS	5'	4 1/8"	216	A500-GR.C-46	
	1	p351	PIPE8XS	4'	5 5/8"	181	A500-GR.C-46	
	1	p377	PIPE8XS	8'	2 15/16"	334	A500-GR.C-46	
	1	p378	PIPE8XS	5'	11 11/16"	242	A500-GR.C-46	
	1	p379	PIPE8XS	3'	7 11/16"	147	A500-GR.C-46	
	1	p400	PIPE8XS	4'	6 9/16"	184	A500-GR.C-46	
	1	p401	PIPE8XS	2'	4 5/16"	96	A500-GR.C-46	
	1	p446	PIPE8XS	0'	10 1/16"	34	A500-GR.C-46	
	1	p447	PIPE8XS	0'	11 1/8"	38	A500-GR.C-46	
	1	p523	PL 1/2"X7 5/8"	0'	8 1/16"	7	A572-GR.50	
	1	p524	PL 1/2"X7 11/16"	0'	7 11/16"	7	A572-GR.50	
	1	p525	PL 1/2"X7 5/8"	0'	7 5/8"	6	A572-GR.50	
	1	p529	PL 1/2"X7 5/8"	0'	7 11/16"	7	A572-GR.50	
	1	p530	PL 1/2"X7 5/8"	0'	8 5/16"	7	A572-GR.50	
	1	p532	PL 1/2"X7 5/8"	0'	8 1/16"	7	A572-GR.50	
	1	p533	PL 1/2"X7 11/16"	0'	9 1/8"	8	A572-GR.50	
	1	p534	PL 1/2"X7 5/8"	0'	7 11/16"	7	A572-GR.50	
	1	p539	PL 1/2"X7 5/8"	0'	8 1/16"	7	A572-GR.50	
	1	p606	HSS7.500X0.375	0'	2 1/4"	5	A500-GR.C-46	
	1	p607	HSS7.500X0.375	0'	4 3/16"	9	A500-GR.C-46	
	1	p608	HSS7.500X0.375	0'	4 7/8"	11	A500-GR.C-46	
	1	p617	HSS7.500X0.375	0'	3"	7	A500-GR.C-46	
	1	p618	HSS7.500X0.375	0'	4"	9	A500-GR.C-46	
	1	p630	HSS7.500X0.375	0'	2 1/4"	5	A500-GR.C-46	
	1	p631	HSS7.500X0.375	0'	2 3/4"	6	A500-GR.C-46	
	1	p632	HSS7.500X0.375	0'	6 7/8"	15	A500-GR.C-46	
	1	p633	HSS7.500X0.375	0'	4 3/8"	10	A500-GR.C-46	
	1	p645	PIPE8XS	2'	7 5/16"	106	A500-GR.C-46	
	1	p648	PIPE6XXS	5'	2 5/16"	260	A500-GR.C-46	
	1	p650	PIPE6XXS	7'	4 3/4"	370	A500-GR.C-46	
	1	p651	PIPE8XS	5'	0 1/16"	203	A500-GR.C-46	
	1	p653	PIPE6XXS	7'	10 11/16"	395	A500-GR.C-46	
	1	p685	PIPE8XS	1'	10 1/8"	75	A500-GR.C-46	
	1	p714	PL 3/8"X4 5/16"	0'	8"	2	A36	
	1	p739	PL 1/2"X8"	3'	9 3/8"	51	A36	
	1	p740	PL 1/2"X8"	6'	0"	82	A36	
	1	p762	PL 1/2"X8"	6'	6"	88	A36	
	1	p771	PL 3/8"X4 5/16"	0'	5 9/16"	2	A36	
	1	p794	PL 3/8"X5 1/4"	0'	8"	3	A36	
	1	p795	PL 3/8"X5 1/4"	0'	8"	3	A36	
	2	p635	DBS-8.625	0'	7 7/8"	132	A572-GR.50	BUY-OUT
	2	p733	PL 1/2"X8"	3'	0 3/8"	83	A36	
	3	p722	PL 1/2"X8"	1'	6"	61	A36	
	3	p796	PL 3/8"X4 5/16"	0'	8"	6	A36	
	20	p750	PL 3/8"X4 5/16"	0'	8"	43	A36	
			FIELD BOLTS					
	8	D212FB1	A490X-DTI 1"	0'	3 1/2"			



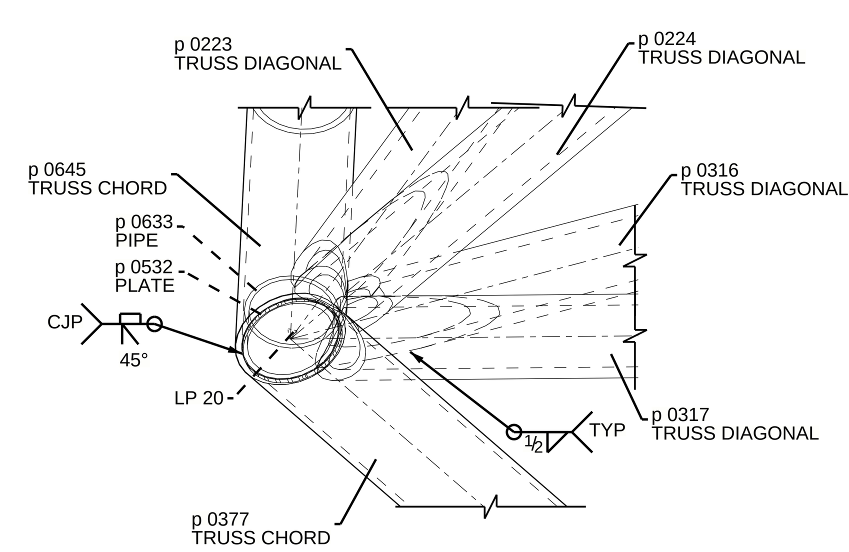
DETAIL D

REF: TYPICAL SPLICE DETAIL FOR TRUSS CHORD



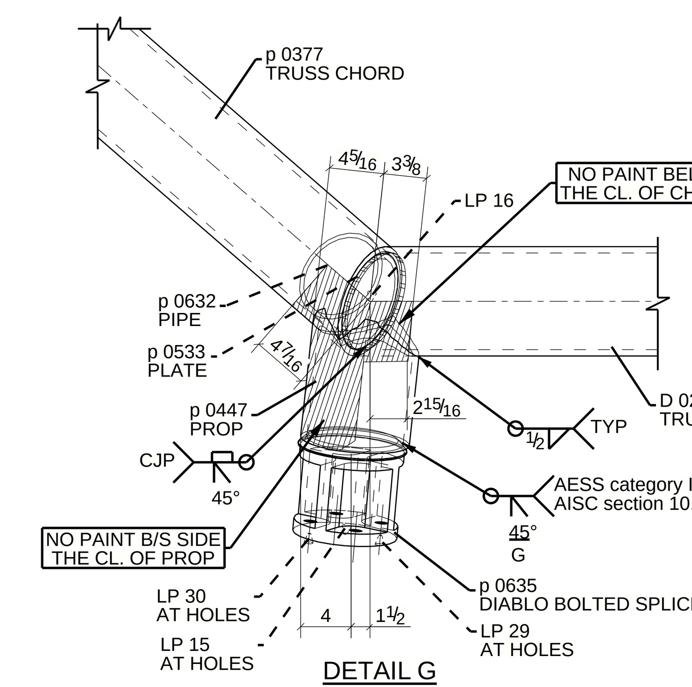
DETAIL E

REF: TYPICAL SPLICE DETAIL FOR TRUSS CHORD



DETAIL F

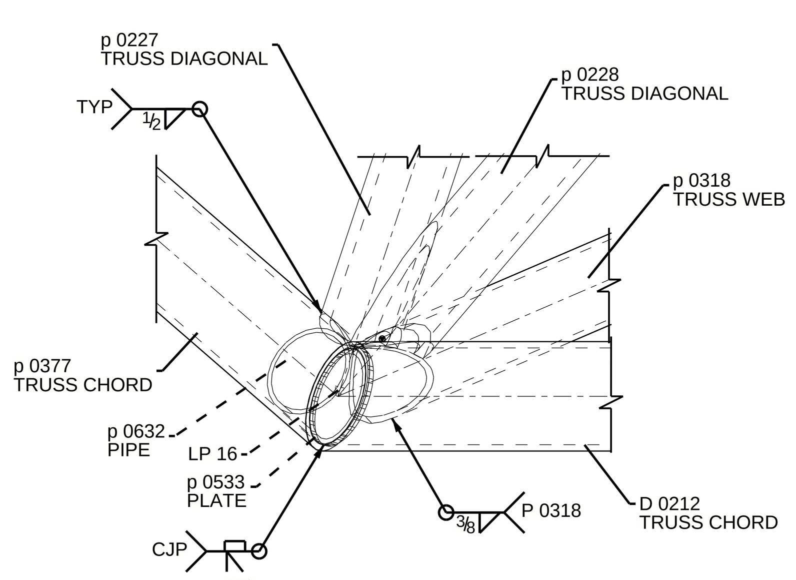
REF: TYPICAL SPLICE DETAIL FOR TRUSS CHORD



DETAIL G

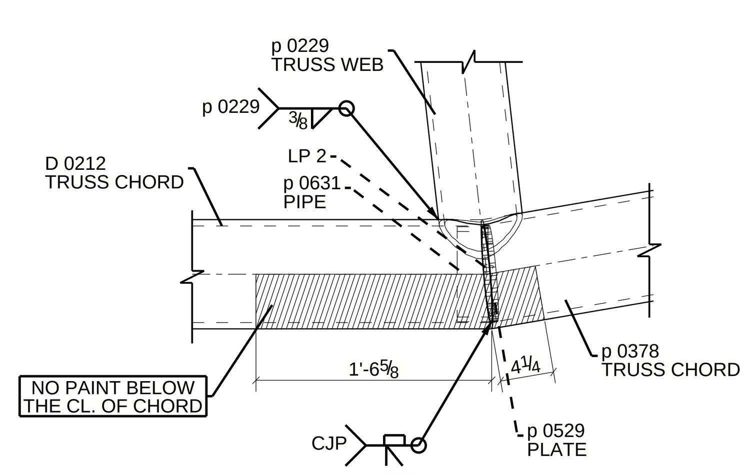
REF: TYPICAL SPLICE DETAIL FOR TRUSS CHORD

CATEGORY		AESS 3	AESS 1
I.D	CHARACTERISTICS	FEATURE ELEMENTS IN CLOSE VIEW	BASIC ELEMENTS
1.1	Surface preparation to SSPC - SP 6	X	X
1.2	Sharp edges ground smooth	X	X
1.3	Continuous weld appearance	X	X
1.4	Standard structural bolts	X	X
1.5	Weld spatters removed	X	X
2.1	Visual Samples	X	
2.2	One - half standard fabrication tolerances	X	
2.3	Fabrication marks not apparent	X	
2.4	Welds uniform and smooth	X	
3.1	Mill marks removed	X	
3.2	Butt and plug welds ground smooth and filled	X	
3.3	HSS weld seam oriented for reduced visibility	X	
3.4	Cross - sectional abutting surface aligned	X	
3.5	Joint gap tolerances minimizes	X	
3.6	All welded connections	optional	



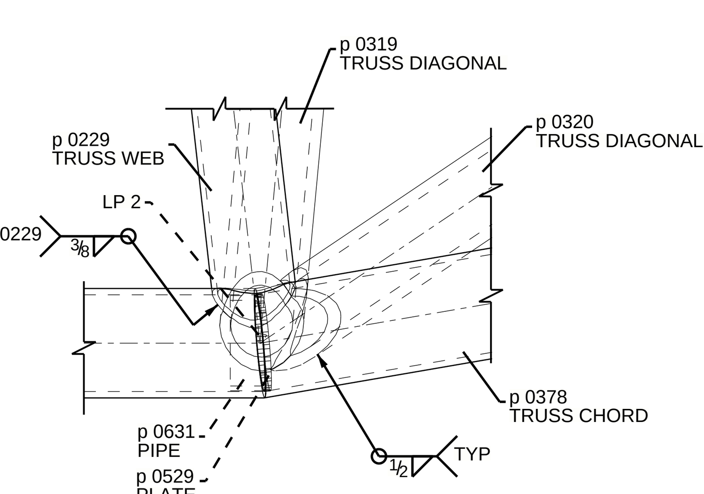
DETAIL H

REF: TYPICAL SPLICE DETAIL FOR TRUSS CHORD



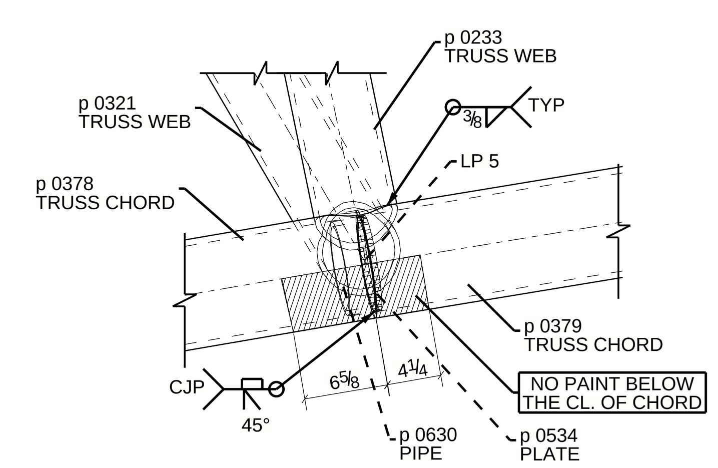
DETAIL J

REF: TYPICAL SPLICE DETAIL FOR TRUSS CHORD



DETAIL K

REF: TYPICAL SPLICE DETAIL FOR TRUSS CHORD



DETAIL M

REF: TYPICAL SPLICE DETAIL FOR TRUSS CHORD

ONE - TRUSS CHORD - D212B

WORK THIS DRAWING WITH A

BOLTS (U/N):	1"Ø_A325N
OPEN HOLES (U/N):	1"1/8Ø
PREP:	SSPC-SP6
PAINT:	Tnemec Hydro-Zinc 94-H2O
GENERAL NOTES :	

MATERIAL GRADES:

ALL CHANNELS, ANGLES	A36
ALL W-SHAPES,WT-SHAPES	A992
RECTANGULAR HOLLOW STEEL SECTIONS,ROUND HSS,TRS	A500 GRADE C
BASE PLATE, PLATES (UNO)	A572
ANCHOR RODS	F1554-GR 105
PIPE	A53-B

BLUEPRINTS			BLUEPRINTS			BLUEPRINTS		
NO.	DATE	FOR	NO.	DATE	FOR	NO.	DATE	FOR

WASHINGTON IRON WORKS INC.

17926 S. BROADWAY
GARDENA CA.
(310) 329-4180 (310) 327-8660

NO.	REVISION	DET'R	CHK'D	DATE
2	RE-ISSUED FOR FABRICATION	PKU	VR	03/17/2026
1	RE-ISSUED FOR FABRICATION	PKU	VR	02/12/2026
A	ISSUED FOR APPROVAL	PKU	LS	10/09/2025

ITEM	FRAME
JOB	OC Vibe Canopy Stretto Artwork
LOCATION	2535 E KATELLA AVENUE ANAHEIM, CA 9286
ARCH.	FUTUREFORMS
ENG'R	MAGNUSSON KLEMENCIC ASSOCIATES
CONTR.	MATT CONSTRUCTION CORPORATION

JOB NO.	CHKD	DRAWN	DWG NO.
5777-000	BSP DATE 10/06/2025	RNP DATE 10/06/2025	D 212B 2

DETAILED BY:
Anatomic Iron Steel Detailing
TEL: (604)-628-6651
FAX: (604)-929-1393
www.anatomiciron.com

Tekla Structures