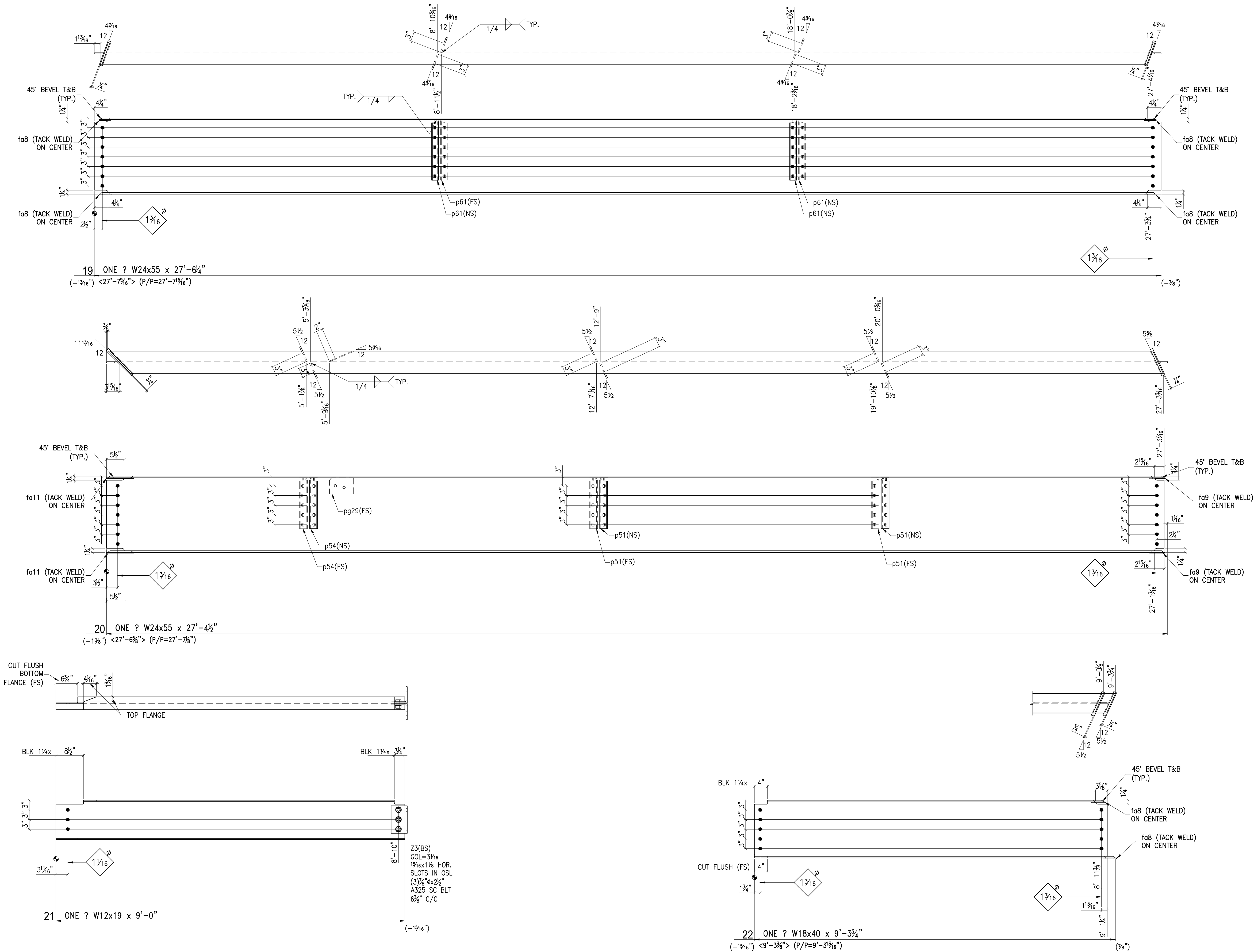


QTY	Pc.Mk	Minor Mk	SHAPE	LENGTH	REMARKS	STEEL
ONE	19		W24x55	27' 6 1/4"		A572-50
4		fa8	PL 1/4 x 1	0' 8"		A36
4		p61	PL 3/8 x 5	1' 7"		A36
			FIELD BOLTS			
14			1 1/8" Ø A490 SC	0' 2 1/2"	1 HD. WASH.	
ONE	20		W24x55	27' 4 1/2"		A572-50
2		fa11	PL 1/4 x 1	0' 11"		A36
2		fa9	PL 1/4 x 1	0' 9"		A36
4		p51	PL 3/8 x 5	1' 4"		A36
2		p54	PL 3/8 x 5	1' 4"		A36
1		pg29	PL 1/4 x 5	0' 8"		A36
			FIELD BOLTS			
14			1 1/8" Ø A490 SC	0' 2 1/4"	1 HD. WASH.	
ONE	21		W12x19	9' 0"		A572-50
2		Z3	L5x5x3/8	0' 8 1/2"		A36
3			7/8" Ø A325 SC	0' 2 1/2"	1 HD. WASH.	
			FIELD BOLTS			
6			7/8" Ø A325 SC	0' 2 1/4"	1 HD. WASH.	
3			1" Ø A490 SC	0' 2 1/4"	1 HD. WASH.	
ONE	22		W18x40	9' 3 3/4"		A572-50
2		fa8	PL 1/4 x 1	0' 8"		A36
			FIELD BOLTS			
10			1 1/8" Ø A490 SC	0' 2 1/2"	1 HD. WASH.	



MASPETH WELDING, INC.  
STRUCTURAL AND MISCELLANEOUS FABRICATION AND ERECTION  
59-30 54th STREET MASPETH, NY 11378

REV.	DATE	DESCRIPTION

MATERIAL: ASTM A572-50 (UNO)  
CHANNELS: ASTM A36  
TUBES: ASTM A500 GR B  
FITTINGS: ASTM A36  
BOLTS: 7/8" Ø A325 SC (TC) (UNO)  
HOLES: 1 1/4" Ø (UNO)  
WELD: E70XX ELECTRODES  
PAINT: AS PER SPECIFICATION

PROJECT:  
GATEWAY CENTER AT  
BRONX TERMINAL  
MARKET

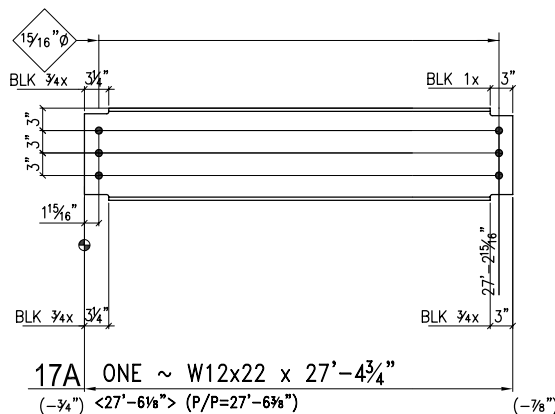
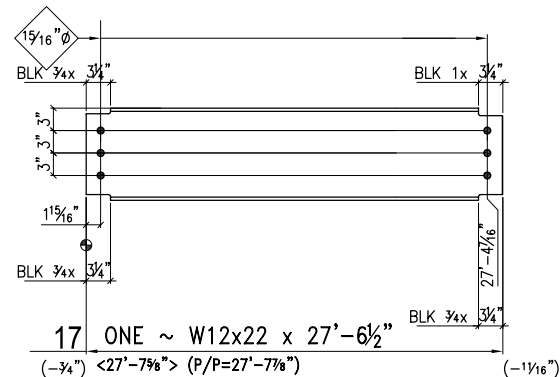
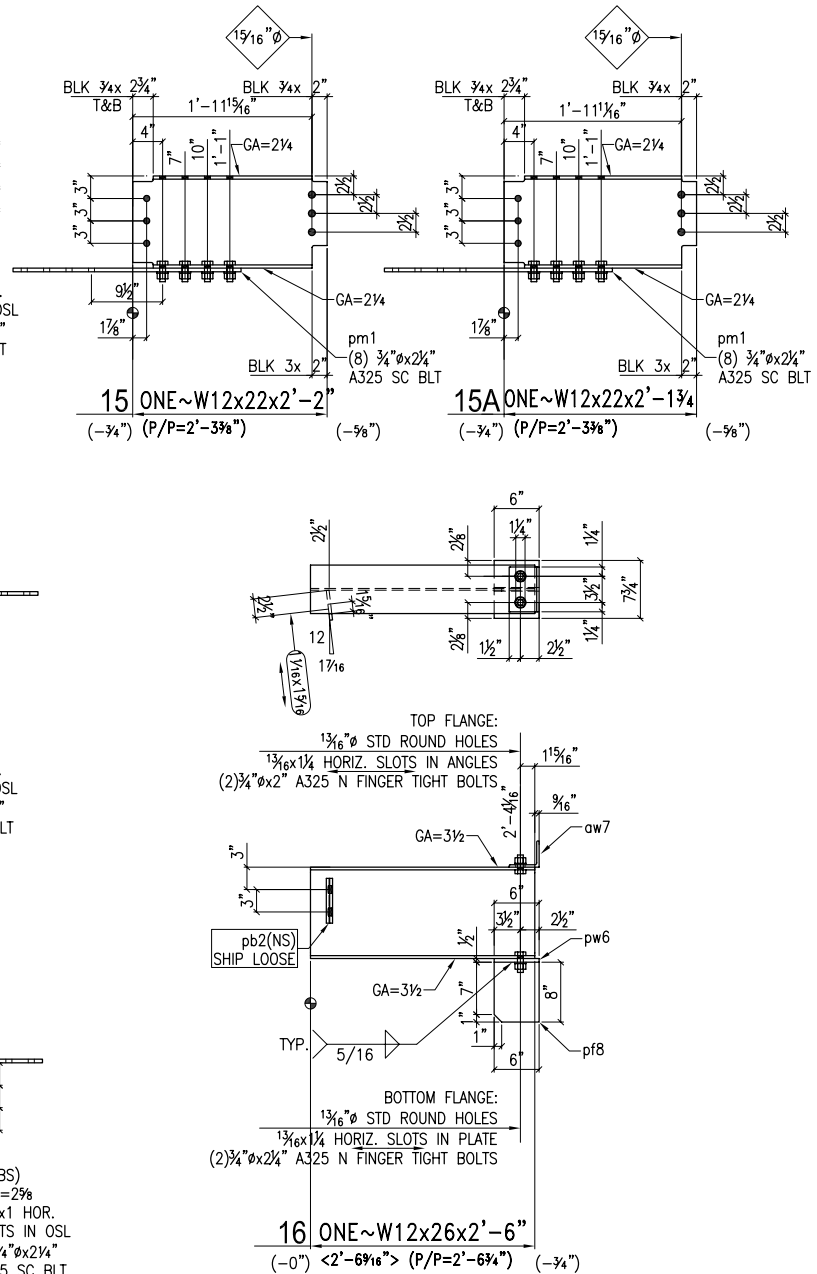
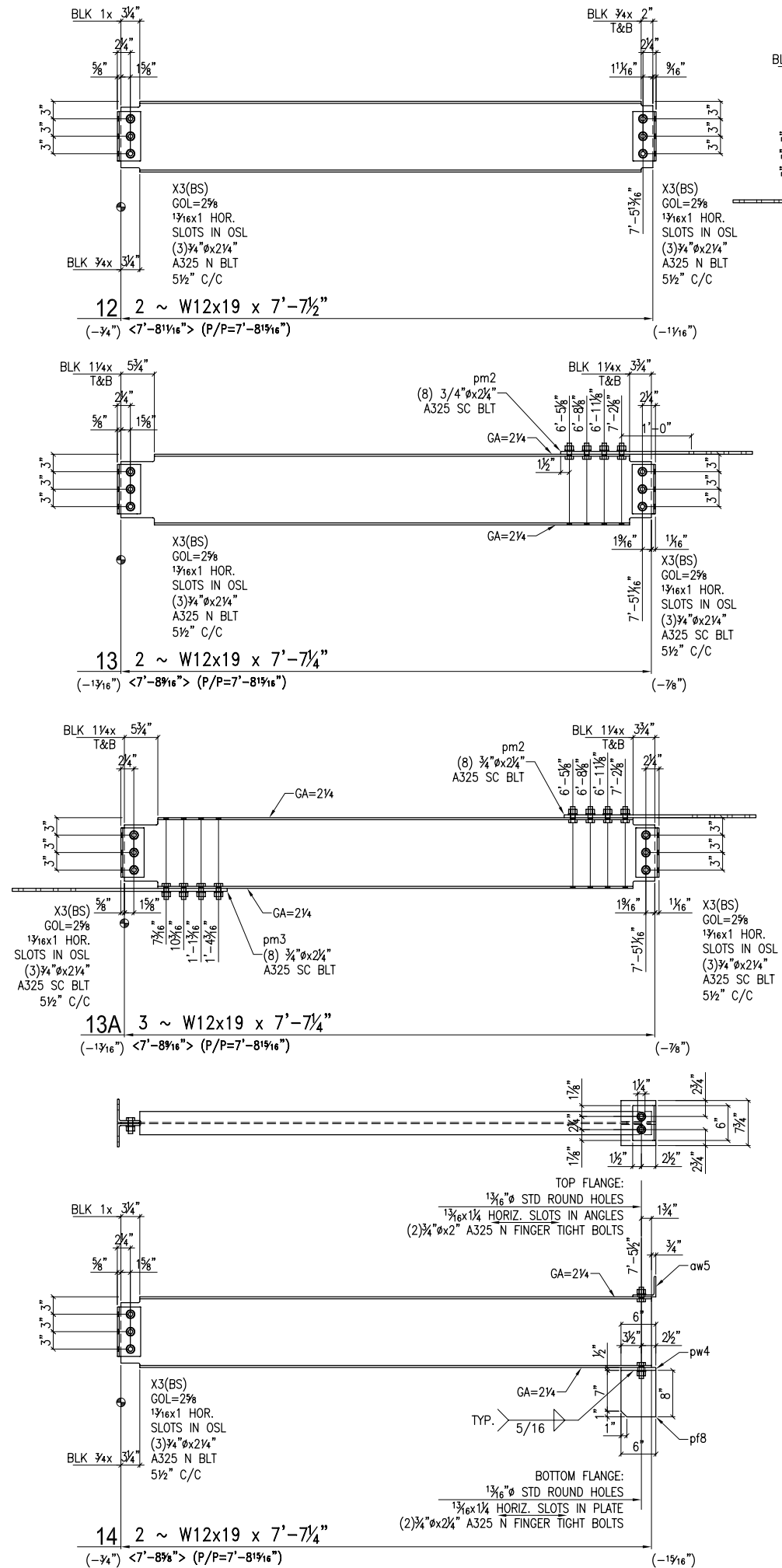
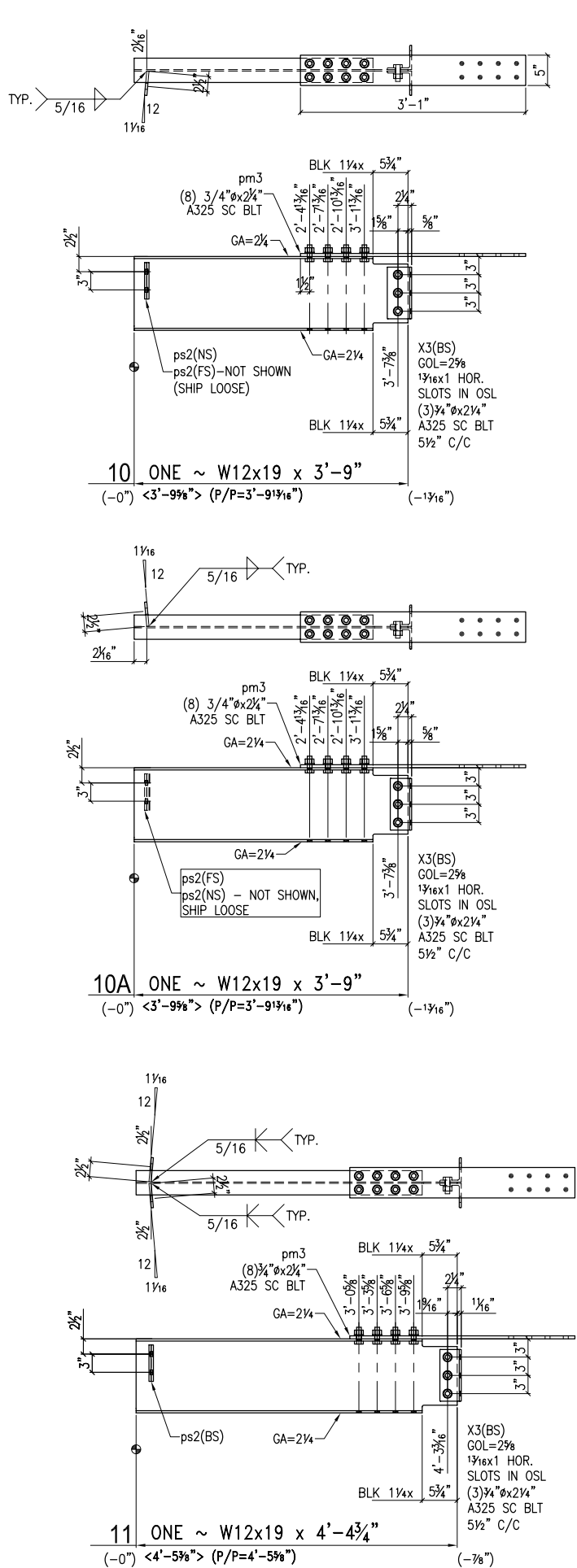
JOB No:

TITLE:  
BEAM DETAILS

DRAWN BY: A.B.	DATE: 08/04/08
CHKD BY:	SCALE: AS SHOWN
Seal & Signature	Drawing No.

B6



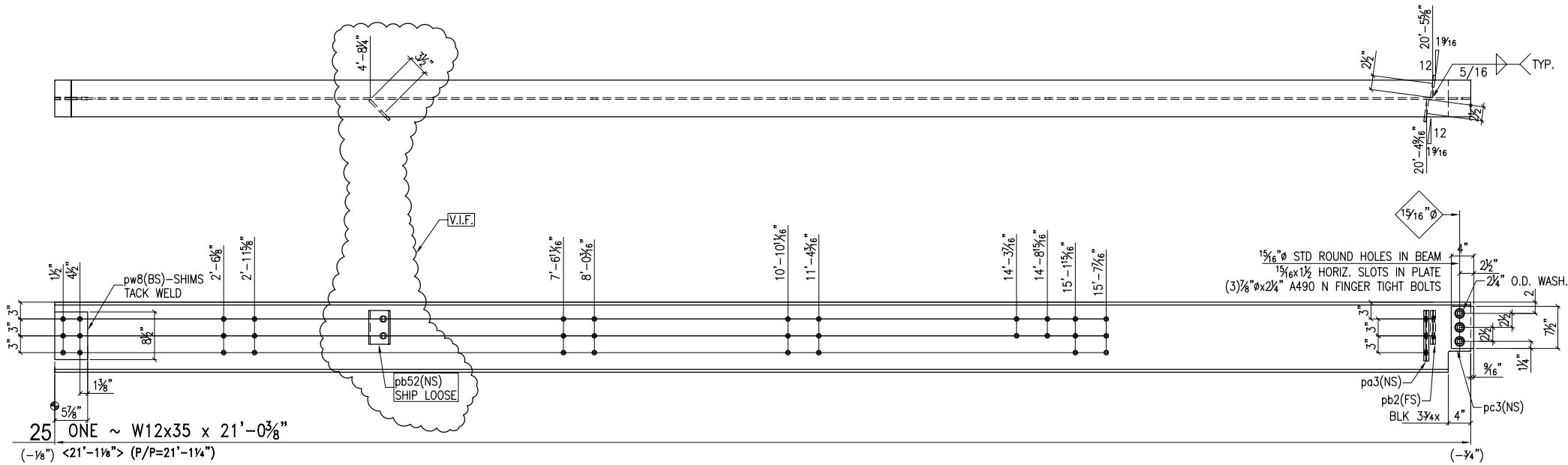


QTY	Pc.Mk	Minor Mk	SHAPE	LENGTH	REMARKS	STEEL
ONE	10		W12x19	3.9		A992-50
1		pm3	PL 1/2x5	3.1		A572-50
1+1		ps2	PL 3/8x4	0.6	1-SHIP LOOSE	A36
2		X3	L4x4x9/16	0.8 1/2		A36
11			3/4" A325 SC	0.2 1/4	1 HD. WASH.	
ONE	10A		W12x19	3.9		A992-50
1		pm3	PL 1/2x5	3.1		A572-50
1+1		ps2	PL 3/8x4	0.6	1-SHIP LOOSE	A36
2		X3	L4x4x9/16	0.8 1/2		A36
11			3/4" A325 SC	0.2 1/4	1 HD. WASH.	
ONE	11		W12x19	4.4 3/4		A992-50
1		pm3	PL 1/2x5	3.1		A572-50
2		ps2	PL 3/8x4	0.6		A36
2		X3	L4x4x9/16	0.8 1/2		A36
11			3/4" A325 SC	0.2 1/4	1 HD. WASH.	
2	12		W12x19	7.7 1/2		A992-50
8		X3	L4x4x9/16	0.8 1/2		A36
12			3/4" A325 N	0.2 1/4	1 HD. WASH.	
2	13		W12x19	7.7 1/4		A992-50
2		pm2	PL 1/2x5	2.9		A572-50
8		X3	PL 1/2x5	3.1		A36
6			3/4" A325 N	0.2 1/4	1 HD. WASH.	
22			3/4" A325 SC	0.2 1/4	1 HD. WASH.	
3	13A		W12x19	7.7 1/4		A992-50
3		pm2	PL 1/2x5	2.9		A572-50
3		pm3	PL 1/2x5	3.1		A572-50
12		X3	L4x4x9/16	0.8 1/2		A36
66			3/4" A325 SC	0.2 1/4	1 HD. WASH.	
2	14		W12x19	7.7 1/4		A992-50
4		X3	L4x4x9/16	0.8 1/2		A36
2		aw5	L4x4x3/8	0.6		A36
2		pw4	PL 1/2x6	0.7 3/4		A36
2		pf8	PL 1/2x6	0.8		A36
10			3/4" A325 N	0.2 1/4	1 HD. WASH.	
4			3/4" A325 N	0.2	1 HD. WASH.	
ONE	15		W12x22	2.2		A992-50
1		pm1	PL 1/2x5	2.6 1/2		A572-50
8			3/4" A325 SC	0.2 1/4	1 HD. WASH.	
ONE	15A		W12x22	2.1 3/4		A992-50
1		pm1	PL 1/2x5	2.6 1/2		A572-50
8			3/4" A325 SC	0.2 1/4	1 HD. WASH.	
ONE	16		W12x26	2.6		A992-50
1		pb2	PL 3/8x4	0.6	SHIP LOOSE	A36
1		aw7	L4x4x3/8	0.6		A36
1		pw6	PL 1/2x6	0.7 3/4		A36
1		pf8	PL 1/2x6	0.8		A36
10			3/4" A325 N	0.2 1/4	1 HD. WASH.	
4			3/4" A325 N	0.2	1 HD. WASH.	
ONE	17		W12x22	27.6 1/2		A992-50
ONE	17A		W12x22	27.4 3/4		A992-50

VERIFY IN THE FIELD ALL  
DIMENSIONS AND INFORMATION  
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BEFORE FABRICATION!

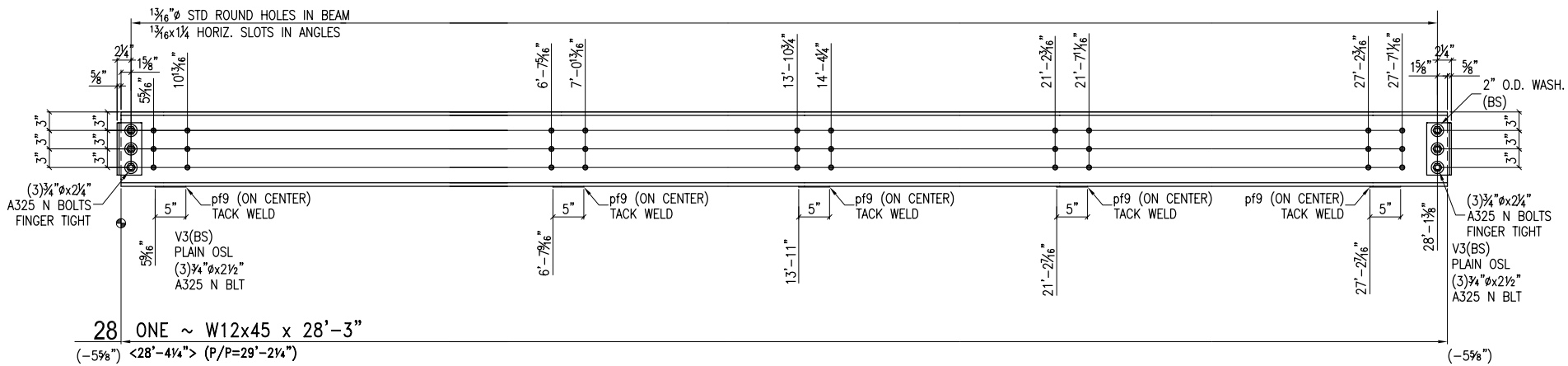
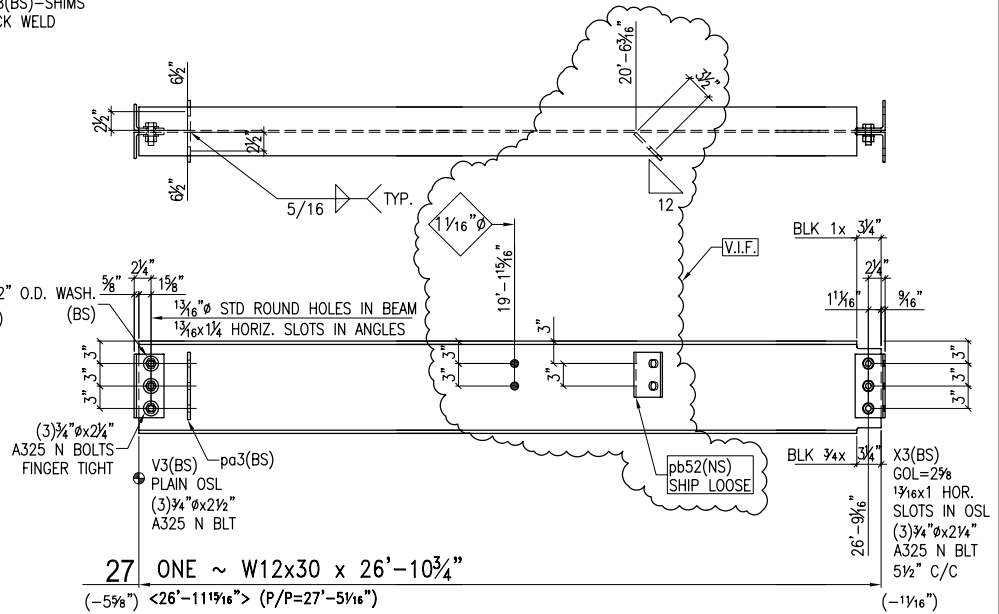
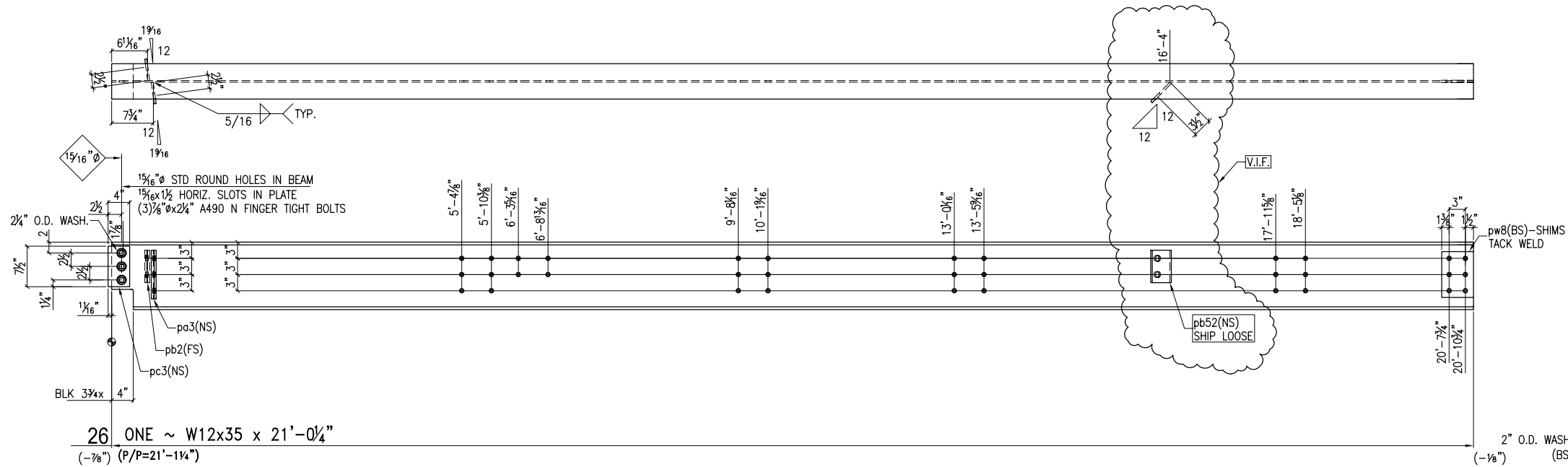
MATERIAL: BEAMS - ASTM A992-50 CHANNELS: ASTM A36; TUBES: ASTM A500 GR.B PLATES: A36; MOMENT PLATES: A572-50 FITTINGS (ANGLES AND TEES): ASTM A36 BOLTS: 3/4" A325 N (U.N.O.); 3/4" A325 X - HANGER CONN.; 3/4" A325 SC - MOMENT CONN. HOLES: 13/16" (U.N.O.) WELD: E70XX ELECTRODES LOW HYDROGEN PAINT: AS PER SPECIFICATION			D & R Ornamental Iron Works 9-01 38TH AVENUE LONG ISLAND CITY, NY 11101 PROJECT: WASHINGTON, NEW JERSEY 07676 TITLE: BEAM DETAILS LOCATION: 222 MORGAN AVENUE, BROOKLYN, NY ENGINEER: GILSANZ MURRAY STEFFICEK LLP ARCH.: KENNETH H. KARLE, R.A. CONT.: TWO-TONE CONTRACTING CORP.		
REVISIONS			DRAWN BY: A.B. DATE		
No.	DATE	REMARKS	DRAWN BY: A.B.	DATE	JOB No.
1	May/08/06	AS PER NOTES	CHECKED BY:		B2

MATERIAL: BEAMS - ASTM A992-50 CHANNELS: ASTM A36; TUBES: ASTM A500 GR.B PLATES: A36; MOMENT PLATES: A572-50 FITTINGS (ANGLES AND TEES): ASTM A36 BOLTS: 3/4" A325 N (U.N.O.); 3/4" A325 X - HANGER CONN.; 3/4" A325 SC - MOMENT CONN. HOLES: 13/16" (U.N.O.) WELD: E70XX ELECTRODES LOW HYDROGEN PAINT: AS PER SPECIFICATION			<b>D &amp; R Ornamental Iron Works</b> 9-01 38TH AVENUE LONG ISLAND CITY, NY 11101 PROJECT: WASHINGTON, NEW JERSEY 07676 TITLE: BEAM DETAILS LOCATION: 222 MORGAN AVENUE, BROOKLYN, NY ENGINEER: GILSANZ MURRAY STEFFCEK LLP ARCH.: KENNETH H. KARLE, R.A. CONT.: TWO-TONE CONTRACTING CORP.			
REVISIONS						
No.	DATE	REMARKS	DRAWN BY: A.B.	DATE	JOB No.	DRAWING
1	May/08/06	AS PER NOTES	CHUCKY BO			B3

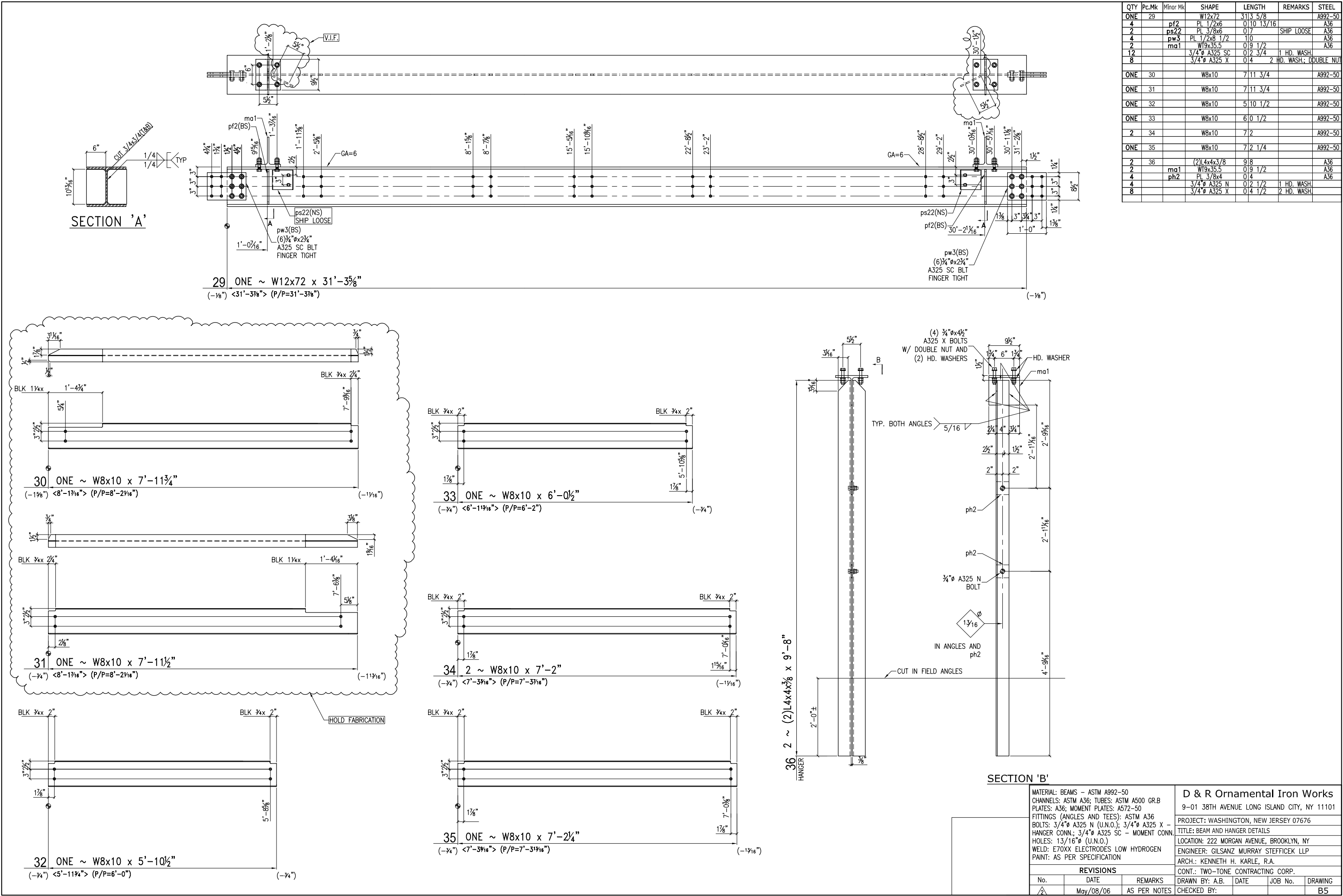


QTY	Pc.Mk	Minor Mk	SHAPE	LENGTH	REMARKS	STEEL
ONE	25		W12x35	210 3/8		A992-50
1		pa3	PL 3/8x4	0 9		A36
1		pb2	PL 3/8x4	0 6		A36
1		pb52	PL 3/8x5	0 6	SHIP LOOSE	A36
2		pw8	PL 1/16x5 7/8	0 8 1/2	SHIMS (T.W.)	A36
1		pc3	PL 3/8x4	0 7 1/2		A36
12			3/4" A325 SC	0 1 3/4	1 HD. WASH.	
3			7/8" A490 N	0 2 1/4	2 1/4" O.D. WASH.	
ONE	26		W12x35	210 1/4		A992-50
1		pa3	PL 3/8x4	0 9		A36
1		pb2	PL 3/8x4	0 6		A36
1		pb52	PL 3/8x5	0 6	SHIP LOOSE	A36
2		pw8	PL 1/16x5 7/8	0 8 1/2	SHIMS (T.W.)	A36
1		pc3	PL 3/8x4	0 7 1/2		A36
12			3/4" A325 SC	0 1 3/4	1 HD. WASH.	
3			7/8" A490 N	0 2 1/4	2 1/4" O.D. WASH.	
ONE	27		W12x30	26 10 3/4		A992-50
2		pa3	PL 3/8x4	0 9		A36
1		pb52	PL 3/8x5	0 6		A36
2		V3	L4x3 1/2x5/16	0 8 1/2		A36
2		X3	L4x4x5/16	0 8 1/2		A36
3			3/4" A325 N	0 2 1/2	2 HD. WASH.	
3			3/4" A325 N	0 2 1/4	1 HD. WASH.	
ONE	28		W12x45	28 3		A992-50
4		V3	L3 1/2x3 1/2x9/16	0 8 1/2		A36
5		pf9	PL 1/16x5	0 7 3/4	SHIM (T.W.)	A36
6			3/4" A325 N	0 2 1/2	(2) 2" O.D. HD. WASH.	

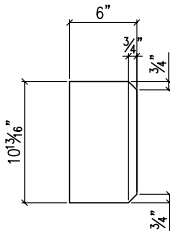
VERIFY IN THE FIELD ALL  
 DIMENSIONS AND INFORMATION  
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 BEFORE FABRICATION!



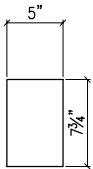
MATERIAL: BEAMS - ASTM A992-50 CHANNELS: ASTM A36; TUBES: ASTM A500 GR.B PLATES: A36; MOMENT PLATES: A572-50			D & R Ornamental Iron Works 9-01 38TH AVENUE LONG ISLAND CITY, NY 11101		
FITTINGS (ANGLES AND TEES): ASTM A36 BOLTS: 3/4" A325 N (U.N.O.); 3/4" A325 SC - HANGER CONN.; 3/4" A325 SC - MOMENT CONN. HOLES: 13/16" (U.N.O.) WELD: E70XX ELECTRODES LOW HYDROGEN PAINT: AS PER SPECIFICATION			PROJECT: WASHINGTON, NEW JERSEY 07676 TITLE: BEAM DETAILS LOCATION: 222 MORGAN AVENUE, BROOKLYN, NY ENGINEER: GILSANZ MURRAY STEFFICEK LLP ARCH.: KENNETH H. KARLE, R.A.		
REVISIONS			CONT.: TWO-TONE CONTRACTING CORP.		
No.	DATE	REMARKS	DRAWN BY: A.B.	DATE	JOB No.
2	May/08/06	AS PER NOTES	CHECKED BY:		B4



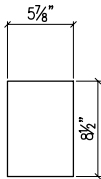
MEZZANINE SUBMATERIALS



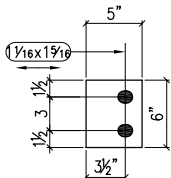
pf2 PL 1/2x6x0'-10 13/16"  
4 REQ'D



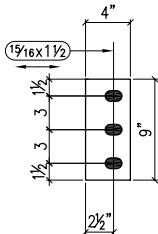
pf9 PL 1/16x5x0'-7 3/4"  
5 REQ'D



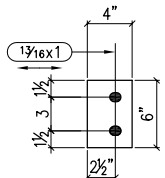
pw8 PL 1/16x5 7/8x0'-8 1/2"  
4 REQ'D



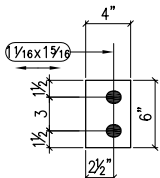
pb52 PL 3/8x5x0'-6"  
4 REQ'D



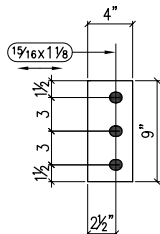
pc3 PL 3/8x4x0'-9"  
4 REQ'D



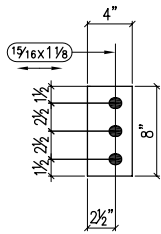
ps2 PL 3/8x4x0'-6"  
14 REQ'D



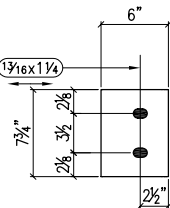
pb2 PL 3/8x4x0'-6"  
6 REQ'D



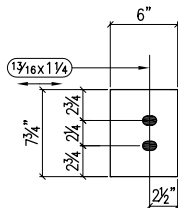
pa3 PL 3/8x4x0'-9"  
10 REQ'D



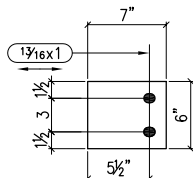
pa32 PL 3/8x4x0'-8"  
2 REQ'D



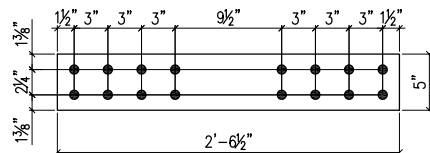
pw6 PL 1/2x6x0'-7 3/4"  
2 REQ'D



pw4 PL 1/2x6x0'-7 3/4"  
2 REQ'D

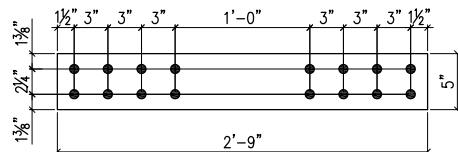


ps22 PL 3/8x6x0'-7"  
2 REQ'D



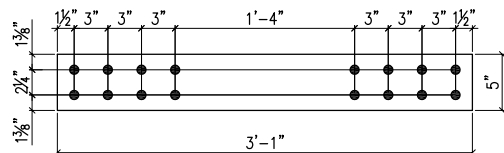
MATERIAL: A572-50

pm1 PL 1/2x5x2'-6 1/2"  
4 REQ'D



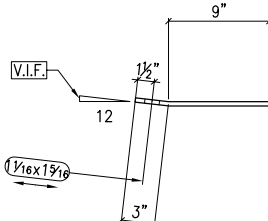
MATERIAL: A572-50

pm2 PL 1/2x5x2'-9"  
10 REQ'D

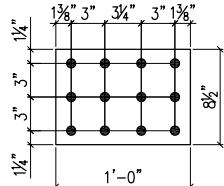


MATERIAL: A572-50

pm3 PL 1/2x5x3'-1"  
6 REQ'D

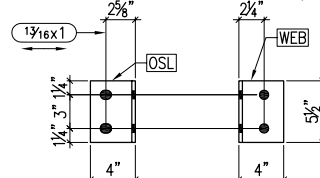


pt2 BENT PL 3/8x6x1'-0"  
2 REQ'D

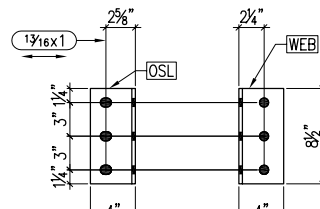


pw3 PL 1/2x8 1/2x1'-0"  
4 REQ'D

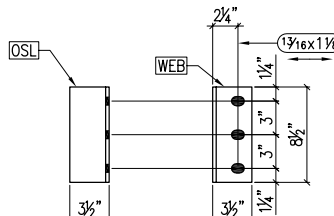
FABRICATOR:  
INSTEAD OF L4x4x3/8 THE CLIP  
ANGLE WITH OSL 3/2 CAN BE USED  
(L4x3 1/2x3/8)



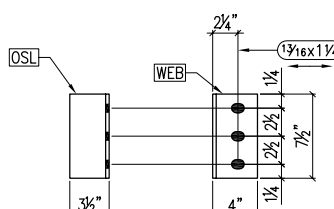
X2 L4x4x5/16X0'-5 1/2"  
8 REQ'D



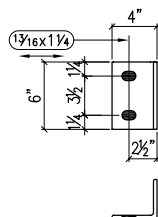
X3 L4x4x5/16X0'-8 1/2"  
64 REQ'D



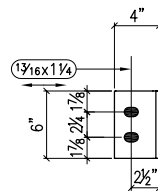
V3 L4x3 1/2x5/16X0'-8 1/2"  
16 REQ'D



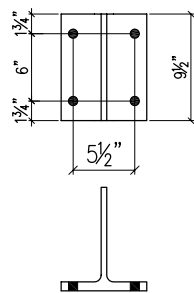
V32 L4x3 1/2x5/16X0'-7 1/2"  
4 REQ'D



aw7 L 4x4x3/8X0'-6"  
4 REQ'D



aw5 L 4x4x3/8X0'-6"  
2 REQ'D



ma1 WT9x35.5X0'-9 1/2"  
4 REQ'D

VERIFY IN THE FIELD ALL  
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MATERIAL: BEAMS - ASTM A992-50 CHANNELS: ASTM A36; TUBES: ASTM A500 GR.B PLATES: A36; MOMENT PLATES: A572-50 FITTINGS (ANGLES AND TEES): ASTM A36 BOLTS: 3/4" A325 N (U.N.O.); 3/4" A325 X - HANGER CONN.; 3/4" A325 SC - MOMENT CONN. HOLES: 13/16" (U.N.O.) WELD: E70XX ELECTRODES LOW HYDROGEN PAINT: AS PER SPECIFICATION			D & R Ornamental Iron Works 9-01 38TH AVENUE LONG ISLAND CITY, NY 11101			
REVISIONS			PROJECT: WASHINGTON, NEW JERSEY 07676			
No.	DATE	REMARKS	DRAWN BY: A.B.	DATE	JOB No.	DRAWING
1	May/08/06	AS PER NOTES	CHECKED BY:			G1