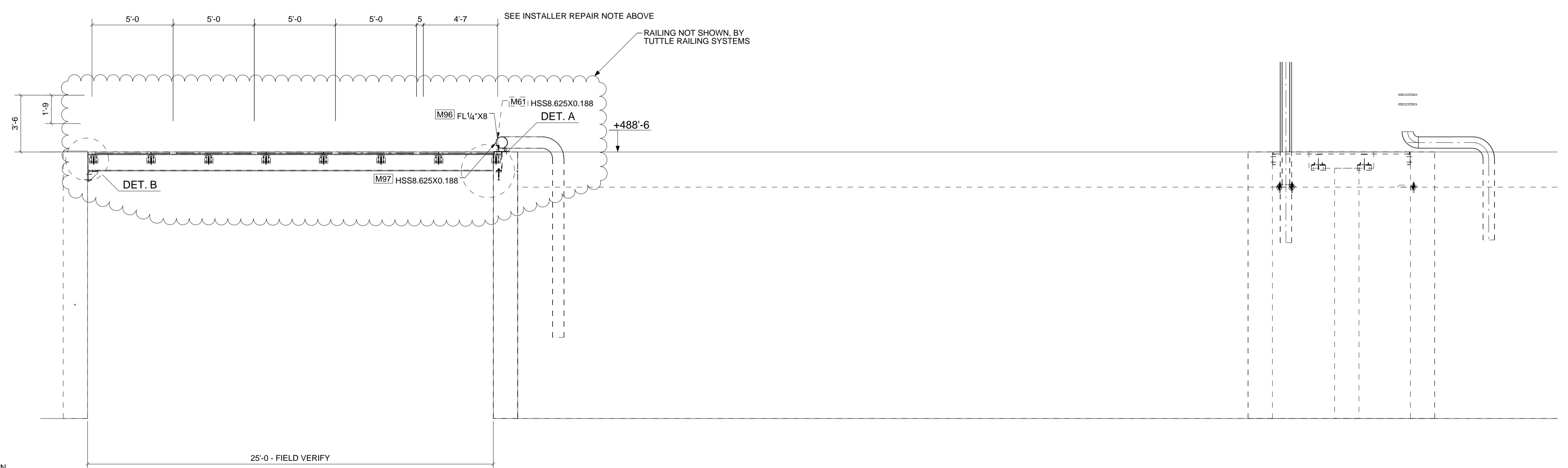
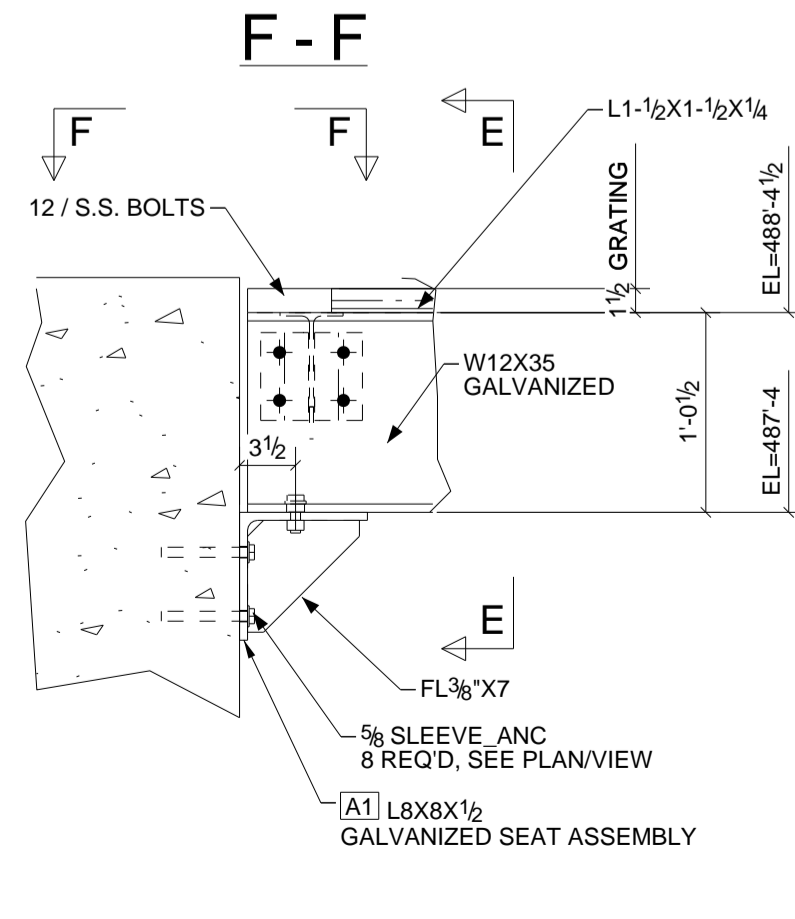
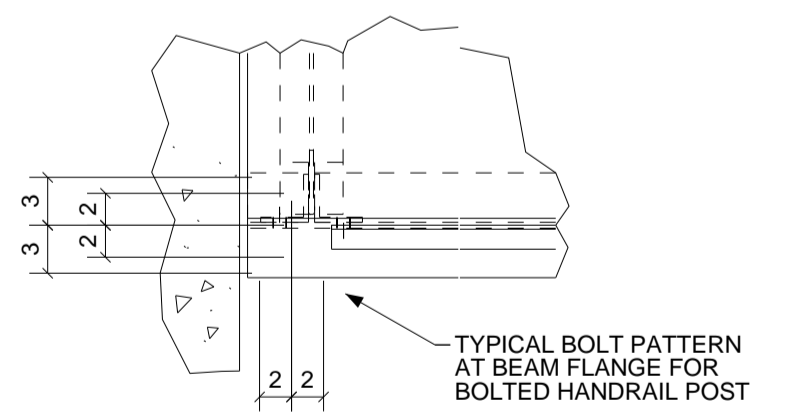


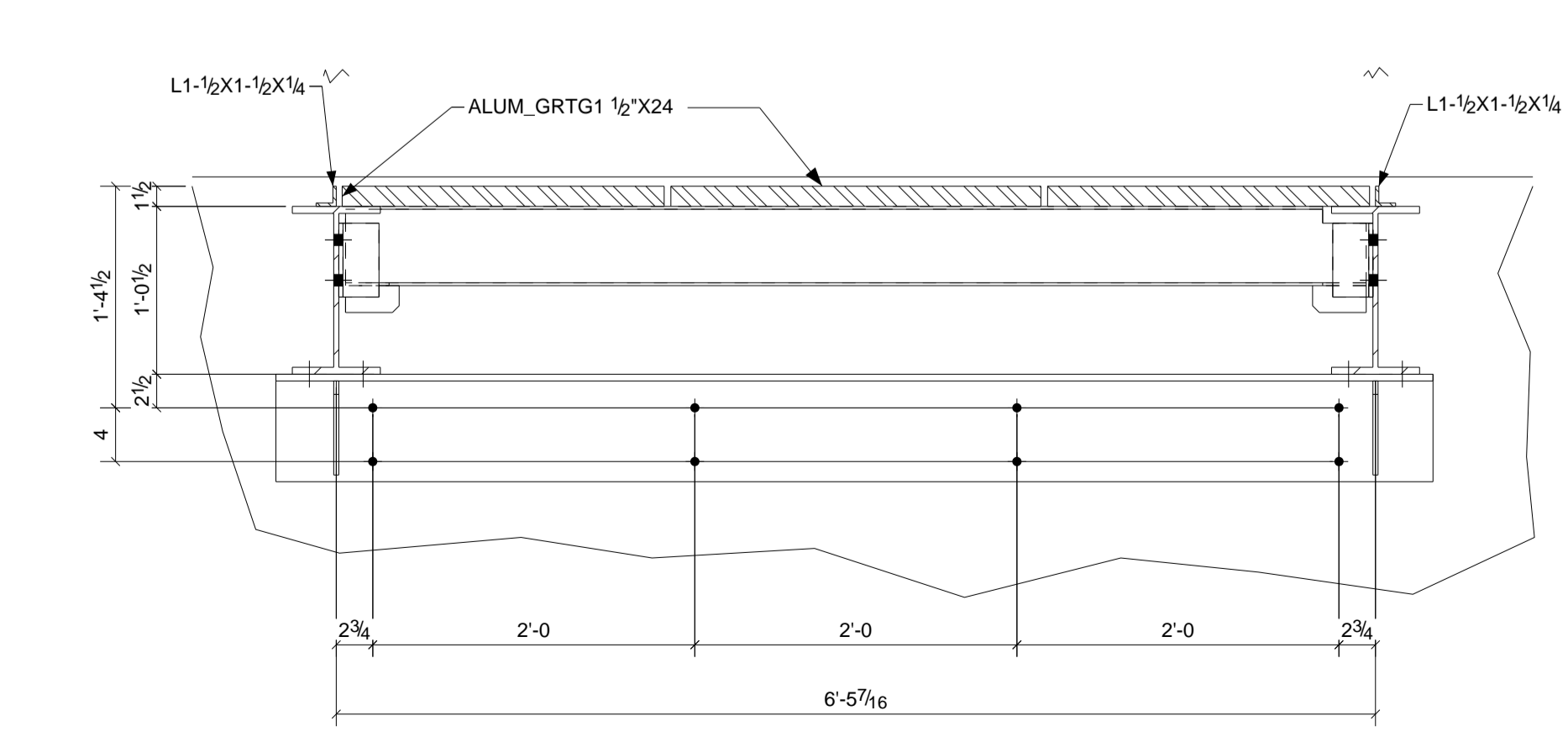
E3 - SBR BRIDGE & DECANT BOX PLAN



E3 - SBR BRIDGE & DECANT BOX EAST ELEV.



DETAIL B



VIEW E - E

MATERIAL NOTES:
 W-SHAPES, CHANNELS: ASTM A992
 ANGLES, M, S-SHAPES: ASTM A36
 PLATE & BAR: ASTM A36
 HSS SECTIONS: ASTM A500, GR B
 ALL GRATING & EMBEDS ARE A6061 ALUMINUM, EMBEDS IN CONCRETE TO BE COATED BY OTHERS AS REQUIRED PER PROJECT SPECIFICATIONS FOR RESISTING AL-CONC. REACTIONS

This project shall be erected in accordance with Section 7 of the ABC Code of Standard Practices, which includes 714 Correction of Errors, that states the following:
 The contractor shall verify the materials, grouting, welding or cutting, and the drawing of elements shall be with 80% joint, and be considered to be correct unless otherwise stated. Errors that cannot be corrected using the foregoing means, or that require major changes in member or connection configuration, shall be promptly reported to the architect representative for design and construction, and the fabricator by the contractor, to enable the responsible party to either correct the error or approve the most efficient and economical method of correction to be used by others.
 All field welds to be made with E70xx E4C hydrogen electrode.

REV.	DESCRIPTION	DATE	DWN	CHK
A	For Approval	09/28/09	TMAC	
1	For Fabrication	9/13/10	TMC	TMAC
0	For Fabrication	5/19/10	TMC	TMAC

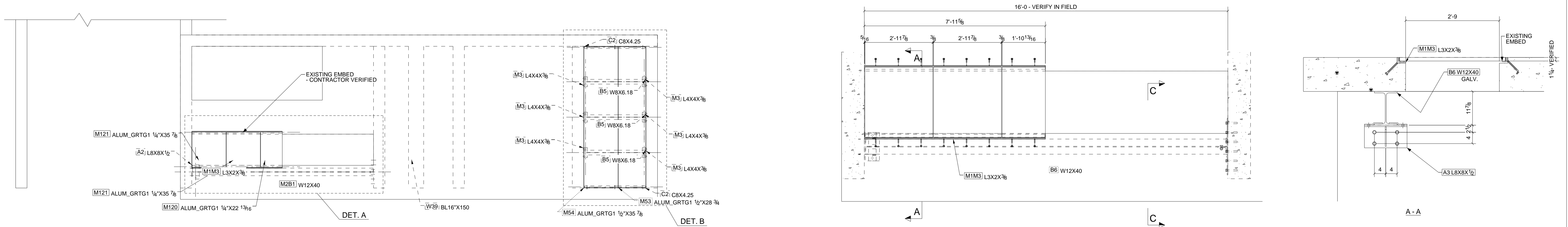
GENERAL NOTES		JOB USE	
MATERIAL AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. U/N	CONN'S: 3/4" Ø A325-N ST U.N.	SHOP	
SURFACE PREP. AND PAINT:		APPROVAL	
PER SPECS			
PER SPECS			

DESCRIPTION: E3 - SBR BRIDGE & DECANT BOX		DRAWN BY: TMAC	
PROJ. NAME: GREGG W.W.T.P.	LOCATION: GREGG TWP.-UNION CO., PA	DATE: 09/24/2009	DATE: 05/19/2010
CONTRACTOR: ZARTMAN	ARCH/ENG. BASSETT ENGINEERING	CHKD. BY: TMC	JOB No. 17-171-9
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRG. No. E3	REV. 1

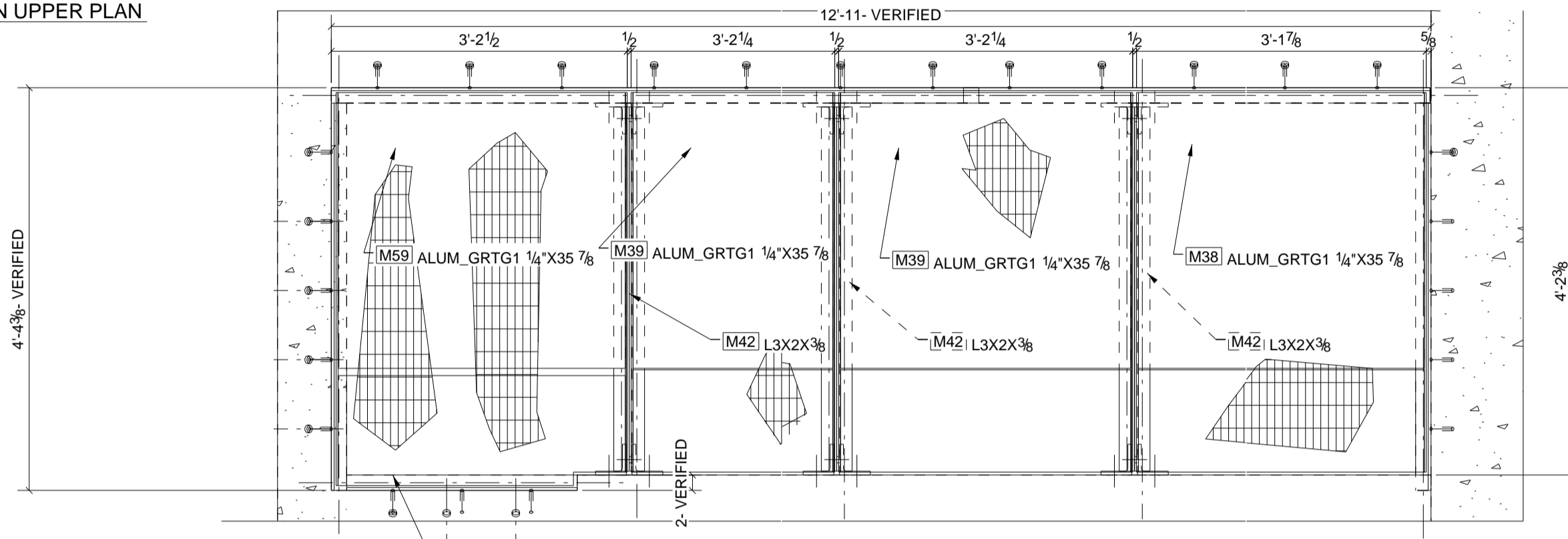
INSTALLER NOTE: GUARDRAIL NOT SHOWN (BY TRS) LOCATE & MATCH DRILL W12'S PER TUTTLE RAILING SYSTEMS DRAWINGS. REPAIR CUT OUTS IN APPROVED RETAINING ANGLES AS REQUIRED BY OWNER, LOOSE ANGLE PROVIDED BY ASP SERVICES.

SEE INSTALLER REPAIR NOTE ABOVE
 RAILING NOT SHOWN, BY TUTTLE RAILING SYSTEMS

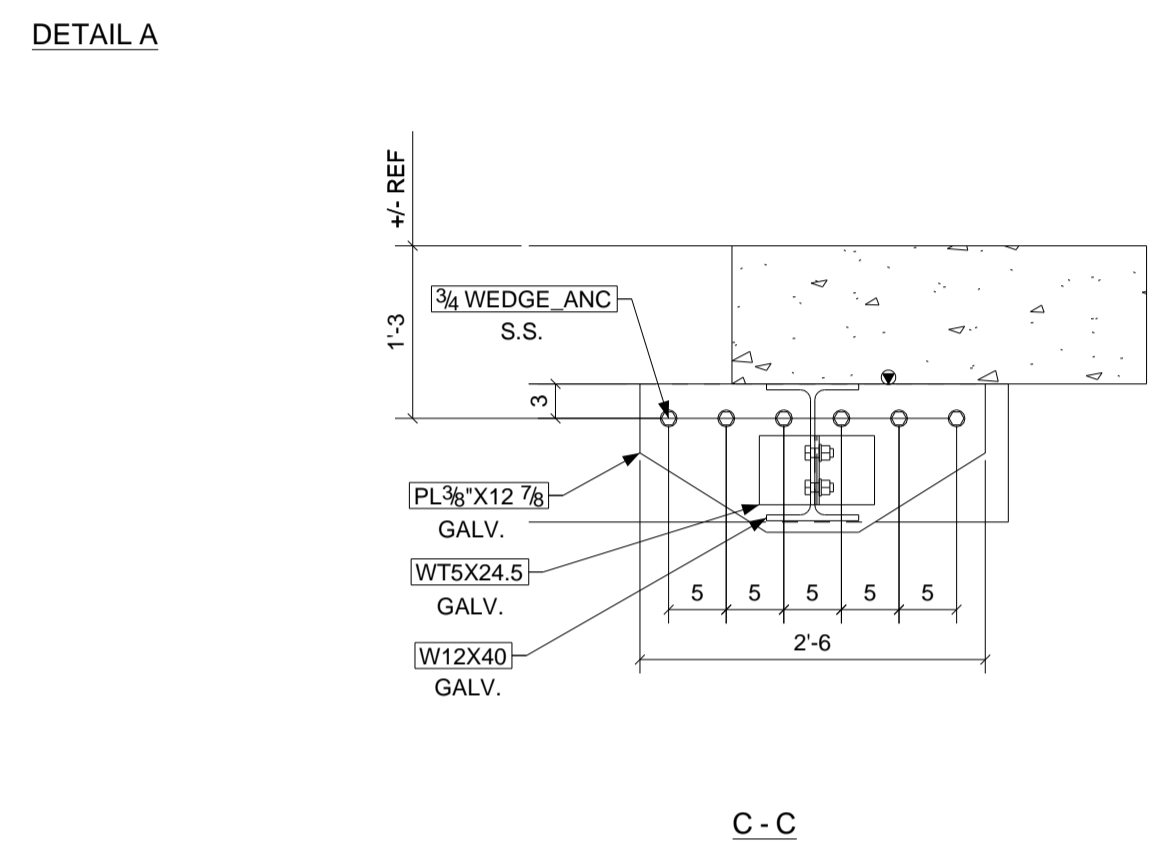
1 1/2" AL. BAR GRGTG. 19-4 W/ STRIATED SURFACES MILL FINISH - TYP



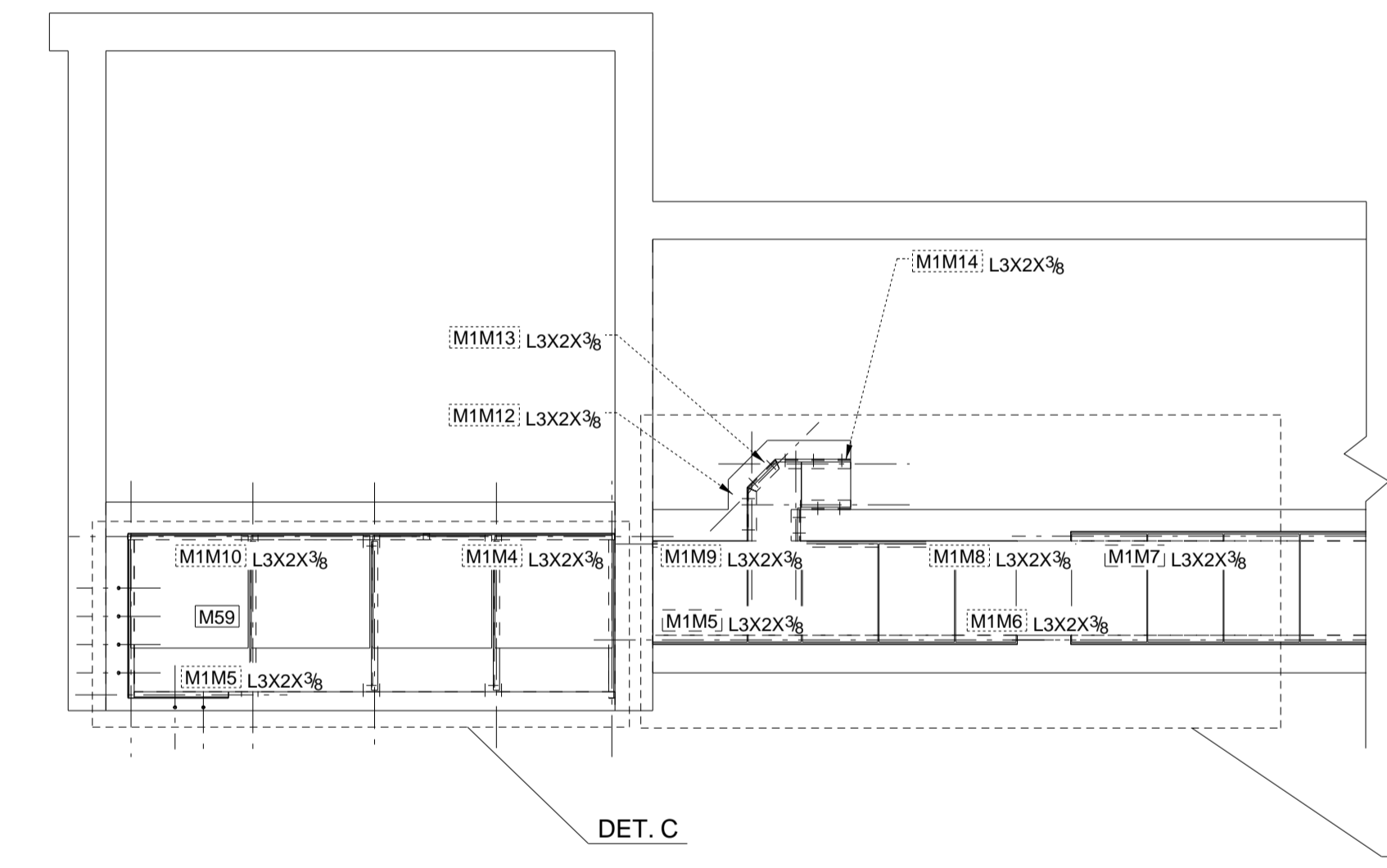
E4 - INFLUENT SCREEN & PUMP STATION UPPER PLAN



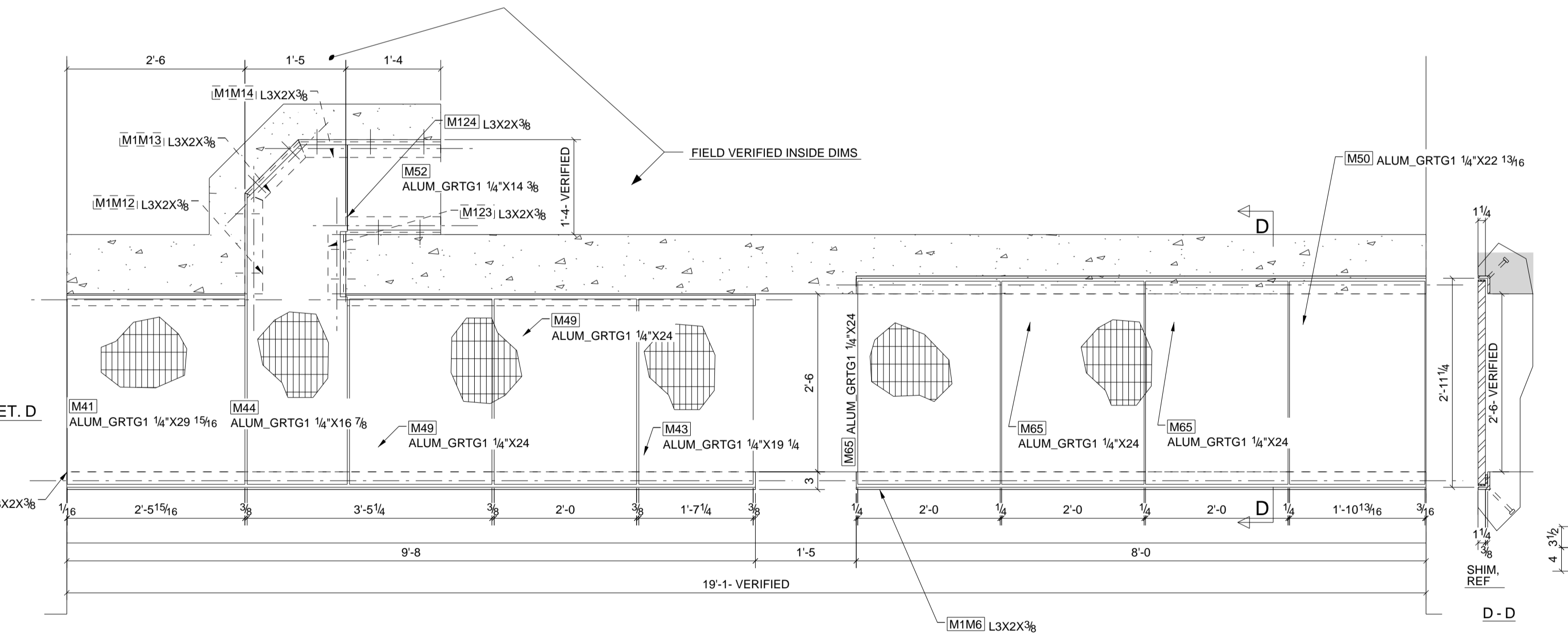
DETAIL A



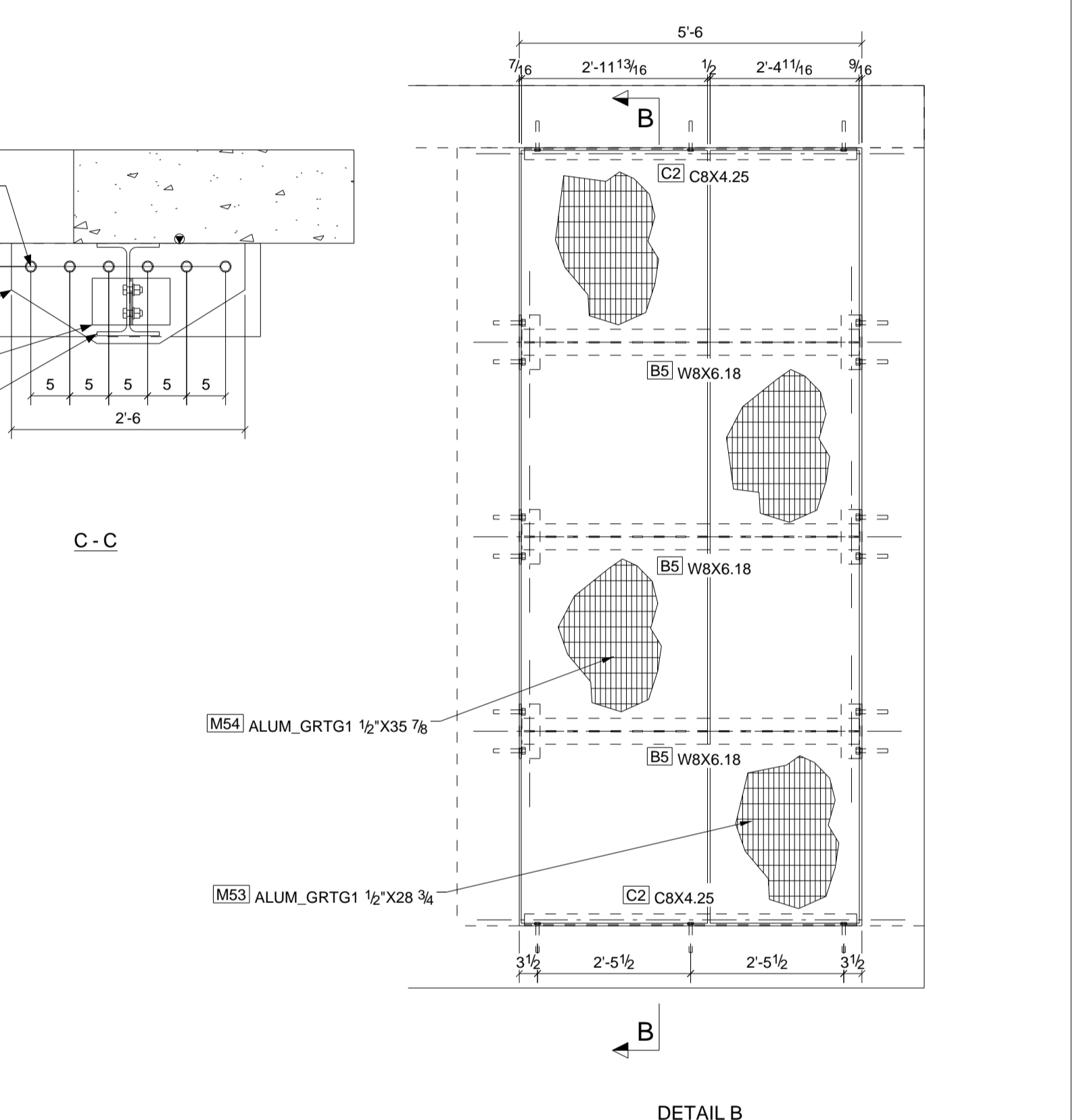
DETAIL B



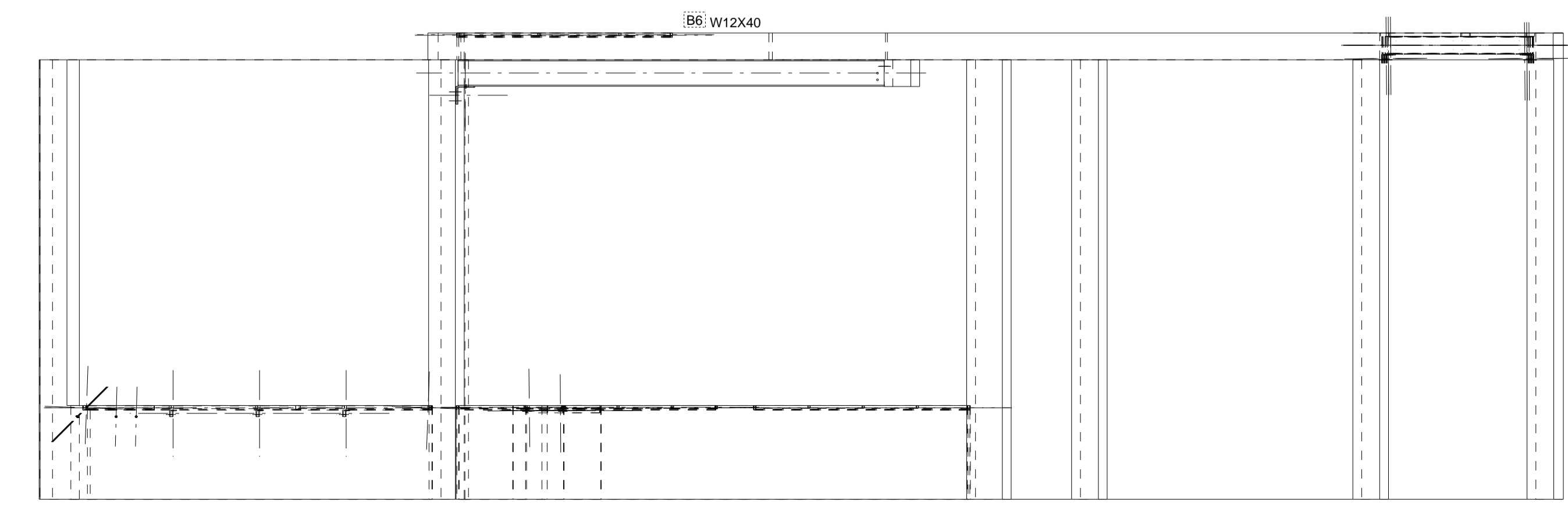
E4 - INFLUENT SCREEN & PUMP STATION LOWER PLAN



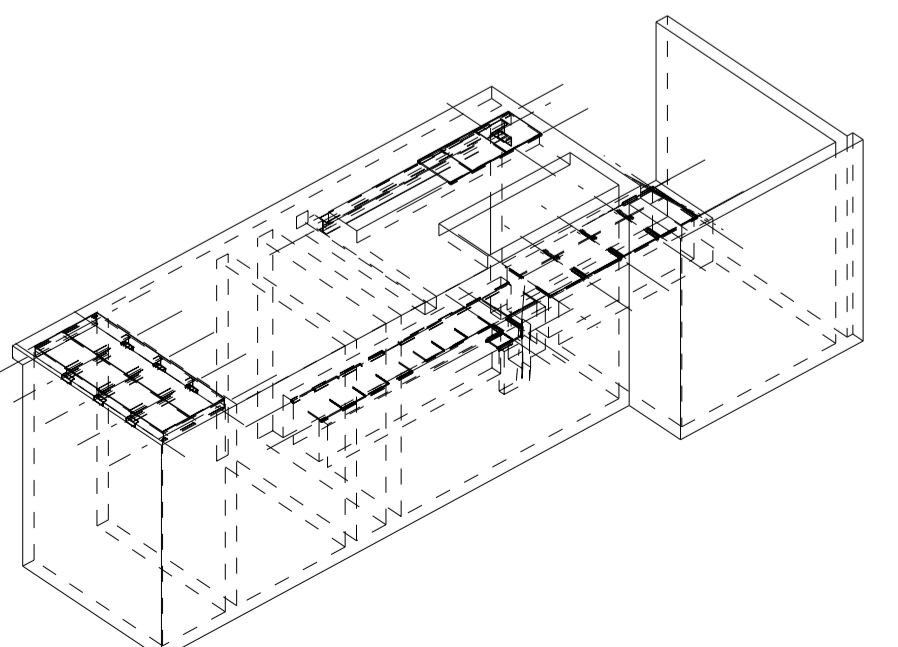
DETAIL C



DETAIL D

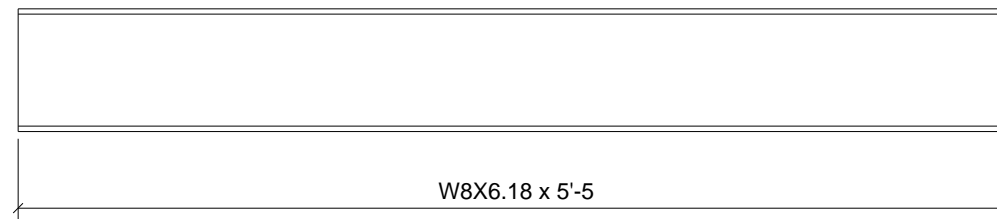


E4 - INFLUENT SCREEN & PUMP STATION SOUTH ELEV.



MATERIAL NOTES:
 W-SHAPES, CHANNELS: ASTM A992
 ANGLES, L-SHAPES: ASTM A36
 PLATE & BAR: ASTM A36
 HSS SECTIONS: ASTM A500, GR B
 ALL GRATING & EMBEDS ARE A8061 ALUMINUM EMBEDS IN CONCRETE TO BE COATED BY OTHERS AS REQUIRED PER PROJECT SPECIFICATIONS FOR RESISTING AL-CONC. REACTIONS

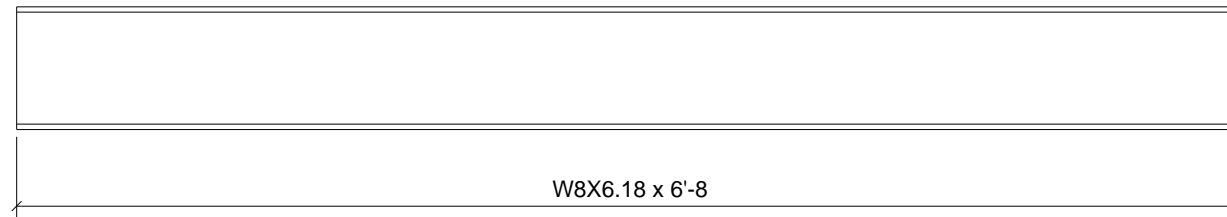
A	For Approval	09/28/09	TMAC
1	For Fabrication	9/13/10	TMc TMAC
0	For Fabrication	5/19/10	TMc TMAC
REV.	DESCRIPTION	DATE	DWN CHK
GENERAL NOTES			
MATERIAL: AS NOTED UN		ELECTRODES: E70xx LH	REF. DRG.
HOLES: 13/16 DIA. UN		CONN'S: 3/4"Ø A325-N-ST U.N.	SHOP
SURFACE PREP.			APPROVAL
AND PAINT:			
PER SPECS			
PER SPECS			
DESCRIPTION: E4 - INFLUENT SCREEN & PUMP STATION			
PROJ. NAME	GREGG W.W.T.P.	DATE	09/27/2009
LOCATION	GREGG TWP., UNION CO., PA	CHKD. BY	TMc
CONTRACTOR	ZARTMAN	ARCH./ENG.	BASSETT ENGINEERING
A S P Services Inc		DATE	05/19/2010
10 Lisalyn Rd.		JOB No.	17-171-9
Selingsgrove, PA 17870		DRG. No.	E4
(570) 374-5333		REV.	1



3 - BEAMS - B5

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: BEAM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
		DRAWN BY TMAC		DATE 10/04/2009
		CHKD. BY		DATE
		JOB No. 17-171-9	DRG. No. B5	REV. 1

BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
3	B5	3	W8X6.18	5'-5"		SQ-2 6061-T6 ALUMINUM

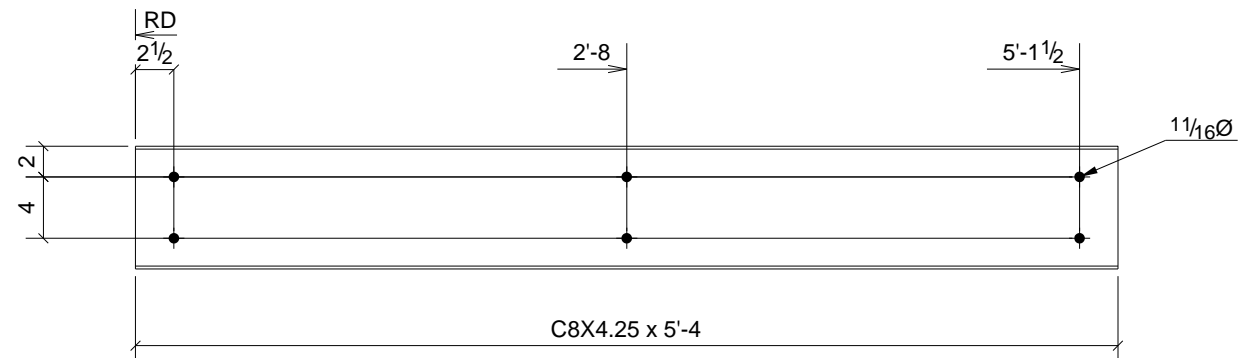


2 - BEAMS - B8

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	B8	2	W8X6.18	6'-8"		SQ-2 6061-T6 ALUMINUM

A	For Approval	5/12/09	TMAC	
0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: BEAM ASS'Y ~ ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
		A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		
		DRAWN BY TMAC	DATE 10/07/2009	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. B8	REV. 2



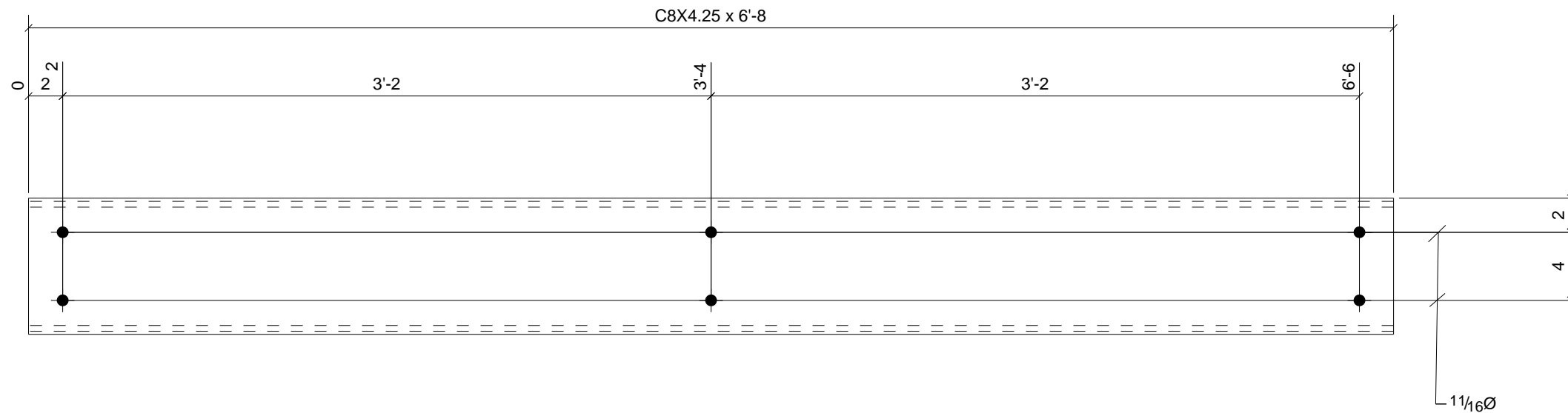
2 - CHANNELS - C2

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: BEAM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
		DRAWN BY TMAC		DATE 10/04/2009
		CHKD. BY		DATE
		JOB No. 17-171-9	DRG. No. C2	REV. 1

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	C2	2	C8X4.25	5'-4"		SQ-2 6061-T6 ALUMINUM

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333



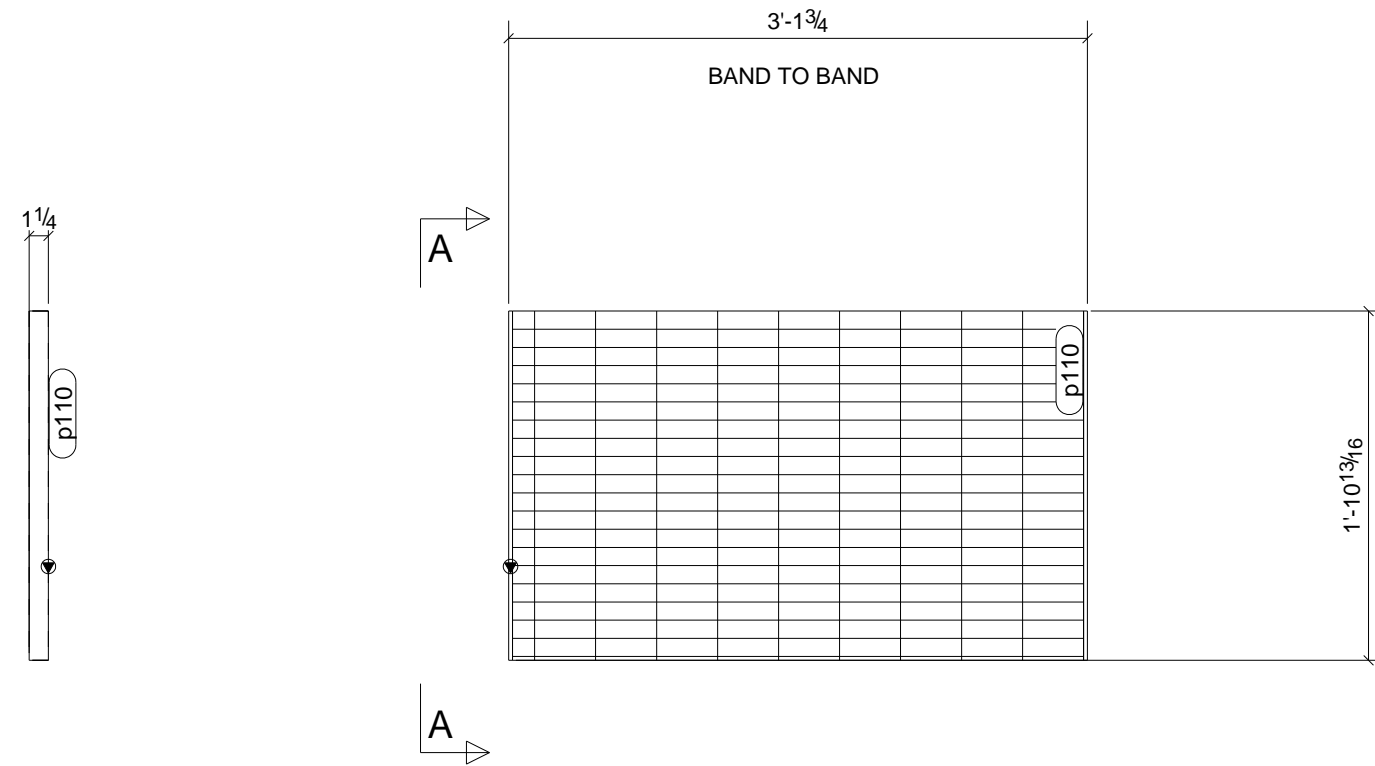
2 - CHANNELS - C3

REV.	DESCRIPTION	DATE	DWN	CHK
A	For Approval	5/12/09	TMAC	
0	For Fabrication	9/13/10	TMc	TMAC

GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: CHANNEL ASS'Y ~ ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				

BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	C3	2	C8X4.25	6'-8"		SQ-2 6061-T6 ALUMINUM

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY TMAC	DATE 10/07/2009
		CHKD. BY	DATE
		JOB No. 17-171-9	DRG. No. C3



A - A

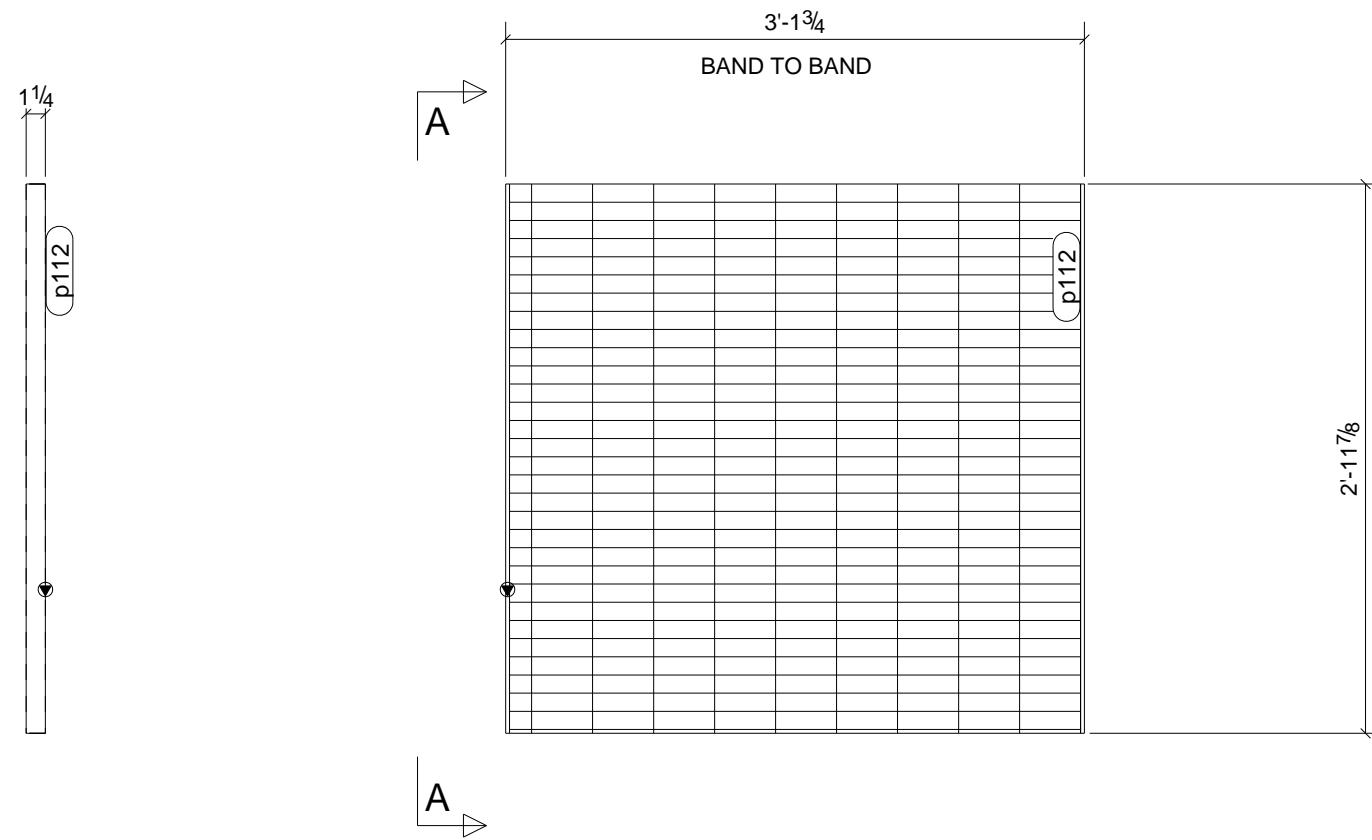
GRATING SPEC.:
ALUMINUM GRATING, BANDED EACH END;
19-SGF-4 FLUSH BARS 1/4X1-1/4 @ 1-3/16 O.C.

ONE - GRATING ASS'Y - M120

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M120	1	ALUM_GRTG1 1/4"X22 13/	3'-1 1/4"		SQ-2 6061-T6 ALUMINUM
		2	FL1/4"X1 1/4"	1'-10 13/16"	p110	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: GRATING ASS'Y				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. M120	REV. 1



A - A

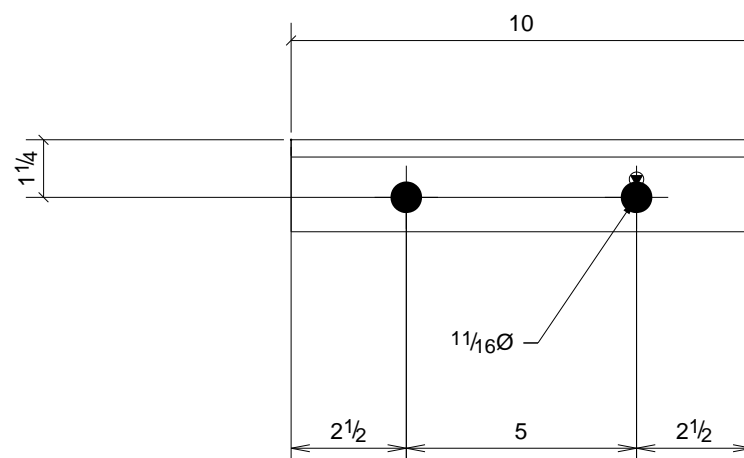
GRATING SPEC.:
ALUMINUM GRATING, BANDED EACH END;
19-SGF-4 FLUSH BARS 1/4X1-1/4 @ 1-3/16 O.C.

2 - GRATING ASS'YS - M121

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	M121	2	ALUM_GRTG1 1/4"X35 7/8	3'-1 1/4"		SQ-2 6061-T6 ALUMINUM
		4	FL1/4"X1 1/4"	2'-11 7/8"	p112	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: GRATING ASS'Y				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. M121	REV. 1

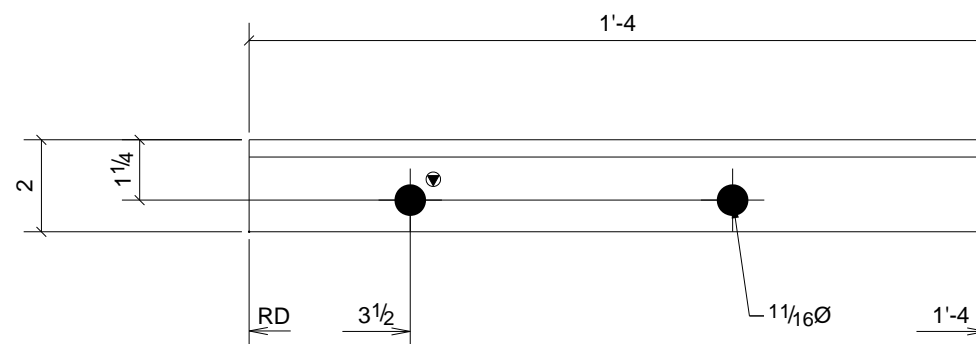


ONE - ANGLE - M123

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M123	1	L3X2X3/8	0'-10"		SQ-2 6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: WALL ANGLE				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
		DRAWN BY		DATE
		CHKD. BY		DATE
		JOB No.	DRG. No.	REV.
		17-171-9	M123	1
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333				

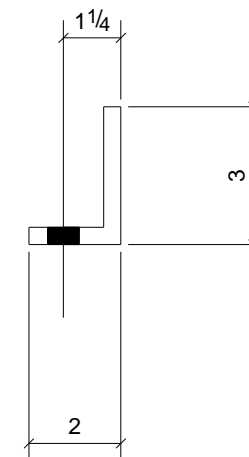
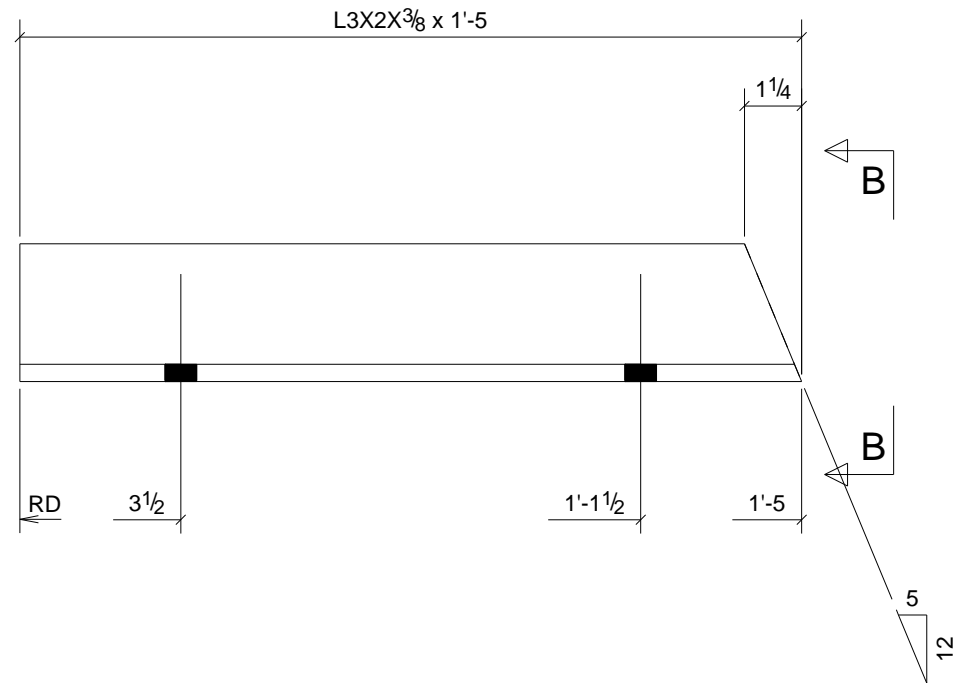


ONE - ANGLE - M124

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: WALL ANGLE				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
		DRAWN BY		DATE
		A S P Services Inc		09/12/2010
		10 Lisalyn Rd.		CHKD. BY
		Selinsgrove, PA 17870		DATE
		(570) 374-5333		JOB No.
		17-171-9		DRG. No.
				REV.
				M124
				1

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M124	1	L3X2X3/8	1'-4"		SQ-2 6061-T6 ALUMINUM



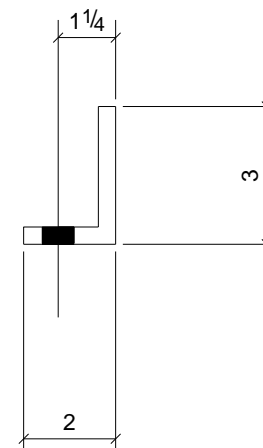
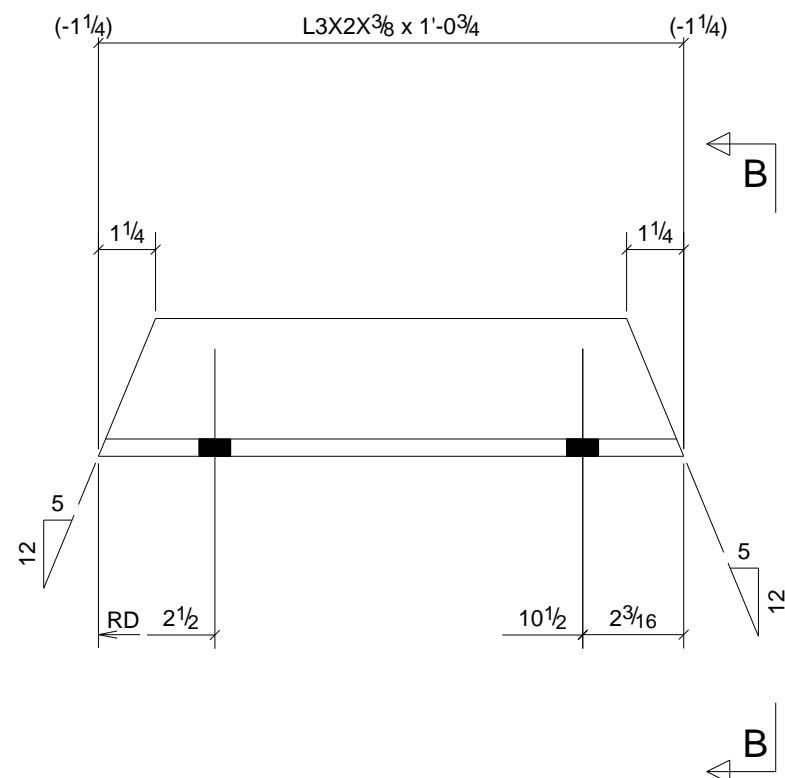
B - B

ONE - ANGLE - M1M12

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: WALL ANGLE				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. M1M12	REV. 1

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M1M12	1	L3X2X3/8	1'-5"		SQ-1/BEV-1 6061-T6 ALUMINUM



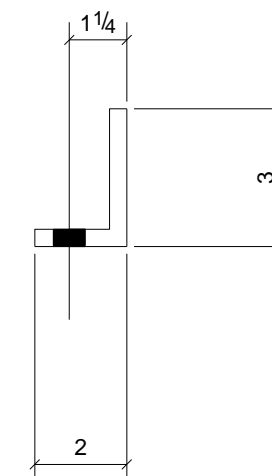
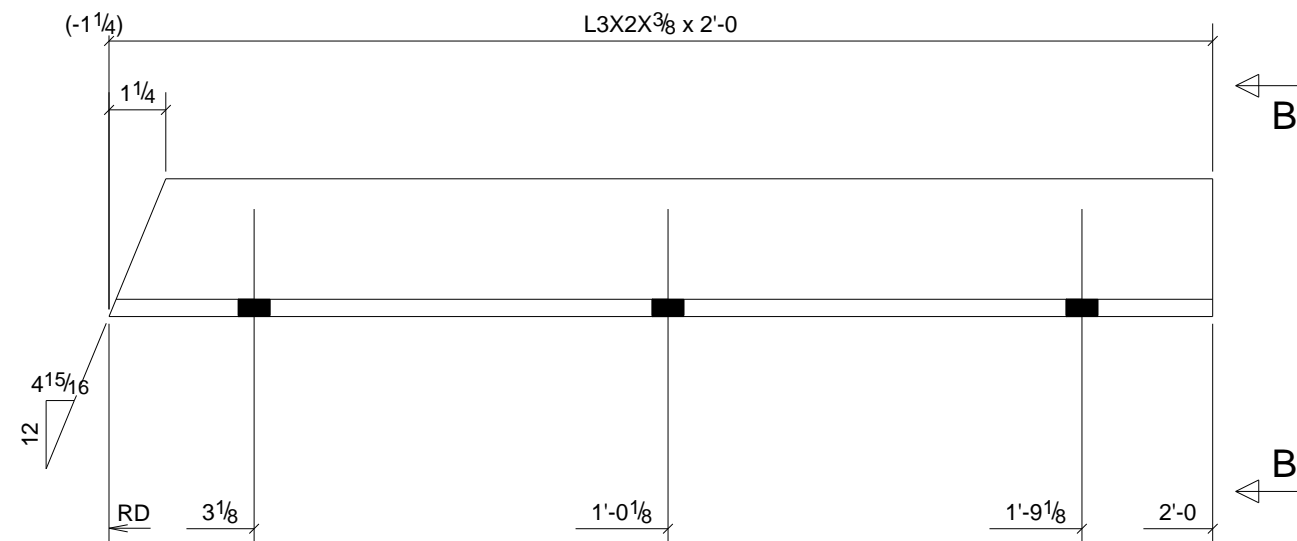
B - B

ONE - ANGLE - M1M13

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: WALL ANGLE				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. M1M13	REV. 1

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M1M13	1	L3X2X3/8	1'-0 3/4"		BEV-2 6061-T6 ALUMINUM



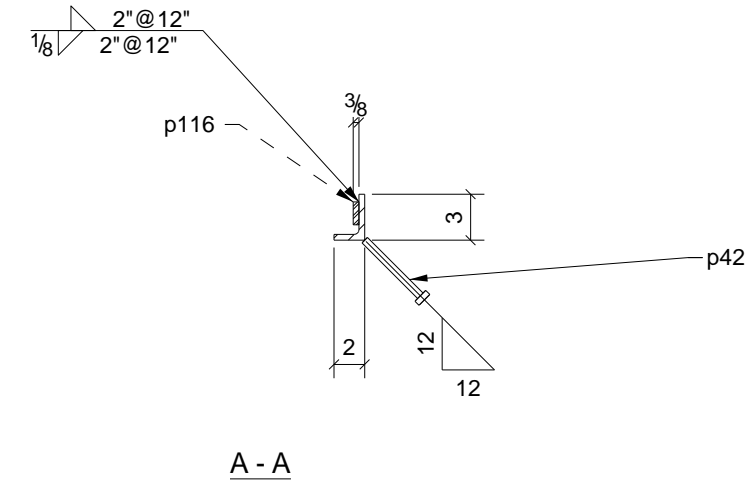
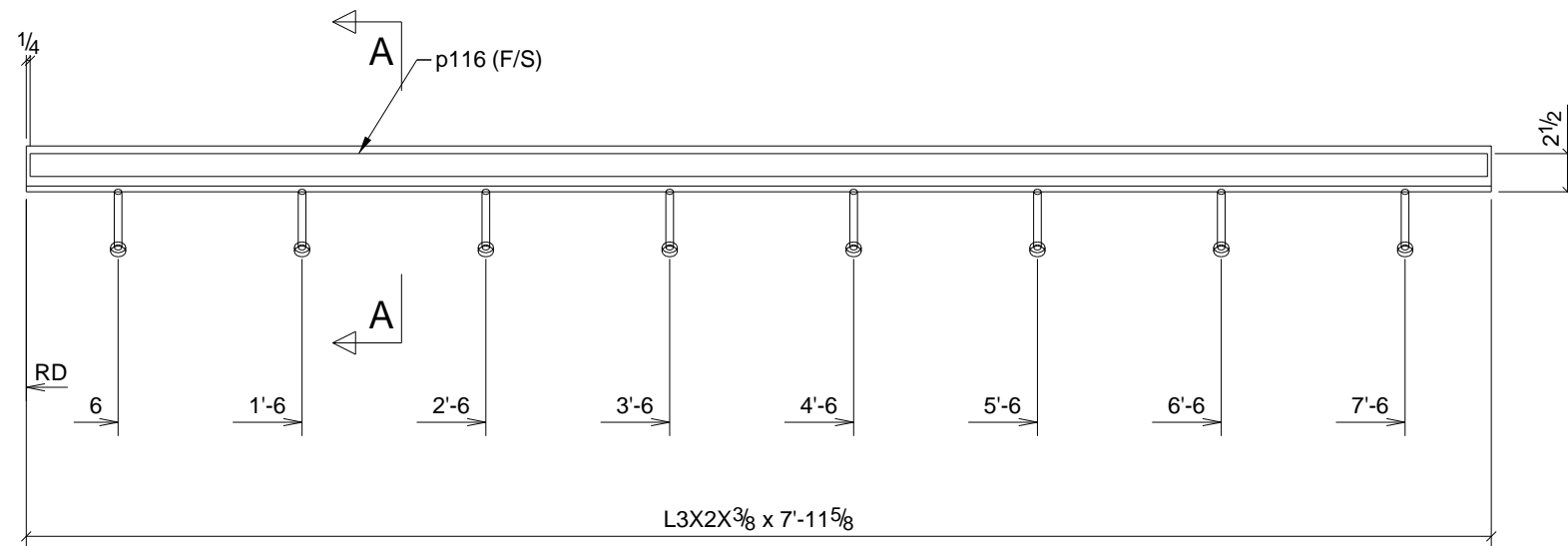
B - B

ONE - ANGLE - M1M14

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		SHOP
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	APPROVAL		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: WALL ANGLE				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMAC	09/29/2009	
		CHKD. BY	DATE	
JOB No.	DRG. No.	REV.		
17-171-9	M1M14	1		

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M1M14	1	L3X2X3/8	2'-0"		SQ-1/BEV-1 6061-T6 ALUMINUM

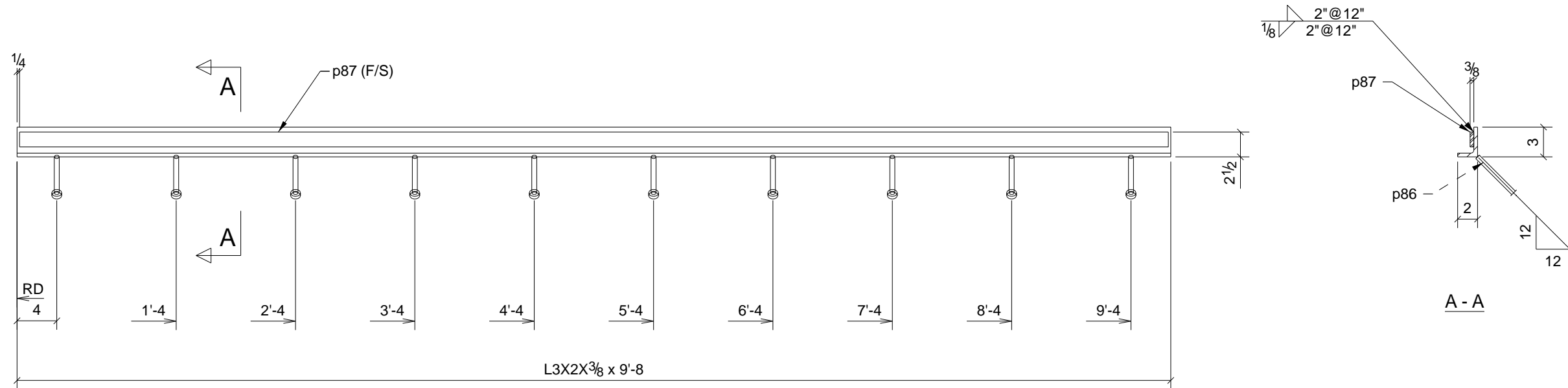


ONE - ANGLE - M1M3

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M1M3	1	L3X2X3/8	7'-11 5/8"		SQ-2 6061-T6 ALUMINUM
		8	NELSON-STUD_HEADED-DIA 1/2	0'-5 1/2"	p42	6061-T6 ALUMINUM
		1	FL3/8"X1 1/2"	7'-11 1/8"	p116	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: EMBED ANGLE				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE 09/13/2010	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. M1M3	REV. 1

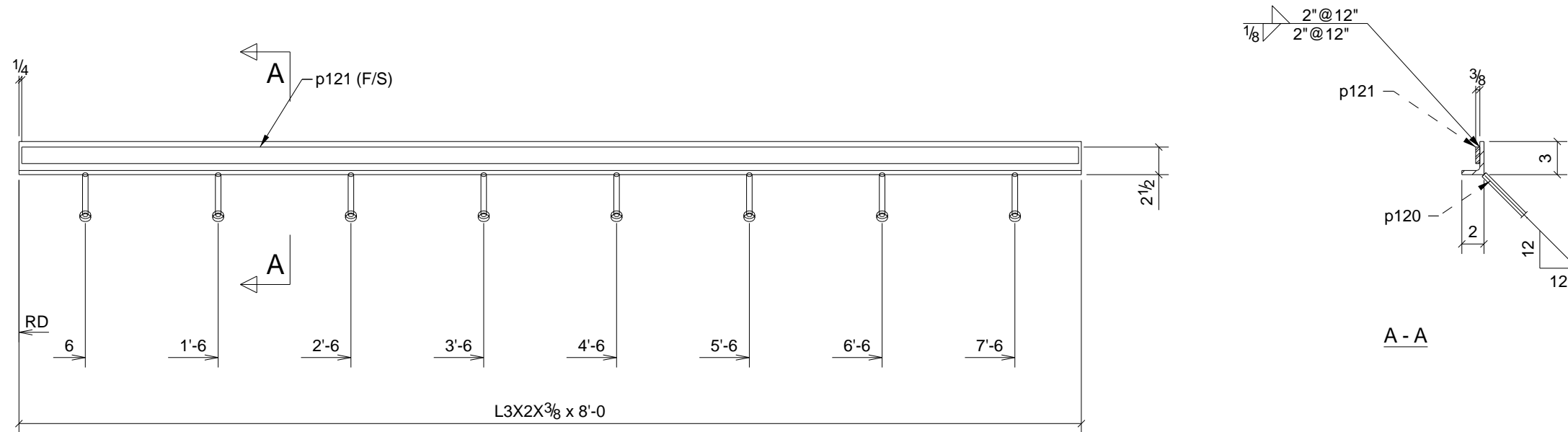


ONE - ANGLE - M1M5

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M1M5	1	L3X2X3/8	9'-8"		SQ-2 6061-T6 ALUMINUM
		10	NELSON-STUD_HEADED-DIA 1/2	0'-5 1/2"	p86	6061-T6 ALUMINUM
		1	FL3/8"X1 1/2"	9'-7 1/2"	p87	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: EMBED ANGLE				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>			DRAWN BY	DATE
			TMAC	09/29/2009
			CHKD. BY	DATE
JOB No.	DRG. No.	REV.		
17-171-9	M1M5	1		



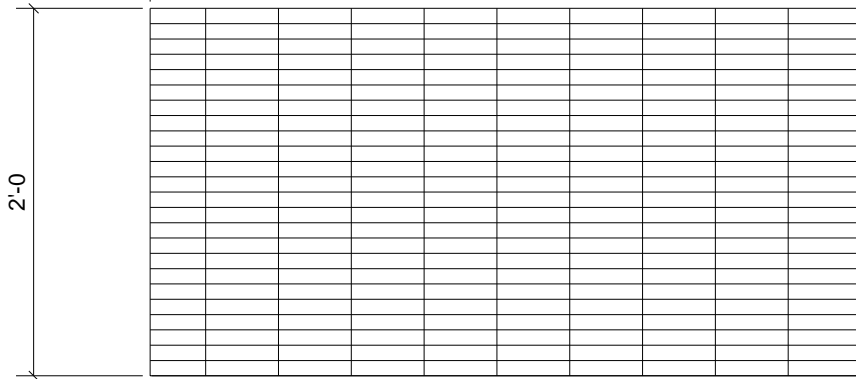
ONE - ANGLE - M1M6

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M1M6	1	L3X2X3/8	8'-0"		SQ-2 6061-T6 ALUMINUM
		8	NELSON-STUD_HEADED-DIA 1/2	0'-5 1/2"	p120	6061-T6 ALUMINUM
		1	FL3/8"X1 1/2"	7'-11 1/2"	p121	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: EMBED ANGLE				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY	DATE
			CHKD. BY	DATE
			JOB No. 17-171-9	DRG. No. M1M6

ALUM_GRTG1 1/2X24 x 3'-10 3/8"
 TYPE 19-SGI-4 STRIATED, MILL FINISH
 LENGTH INCLUDES BANDING E.E.



2	M21
Qty.	In Assembly

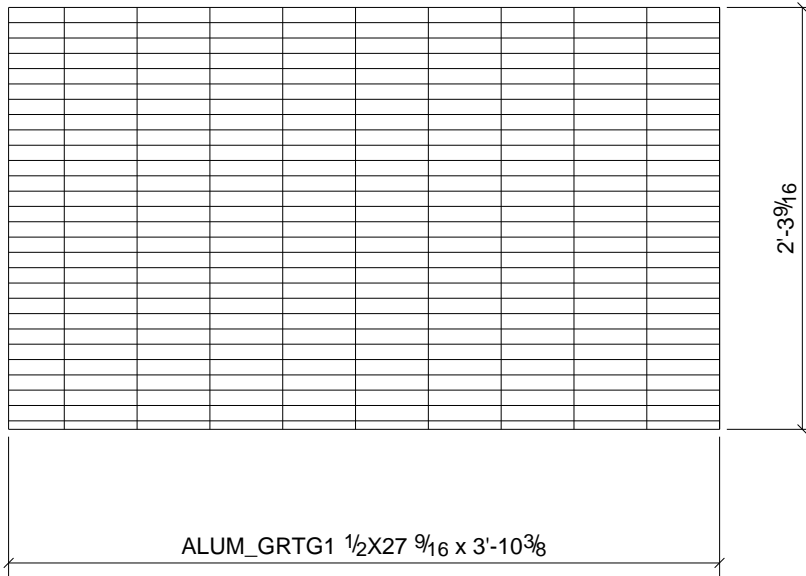
MARK	QTY.	SIZE	LENGTH	COMMENTS
M21	2	ALUM_GRTG1 1/2"X24"	3'-10 3/8"	

DESCRIPTION: GRATING ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY	DATE
	JOB No. 17-171-9	DRG. No. M21



ALUM_GRTG1 1/2X27 9/16 x 3'-10 3/8"

TYPE 19-SGI-4 STRIATED, MILL FINISH
LENGTH INCLUDES BANDING E.E.

2	M22
Qty.	In Assembly

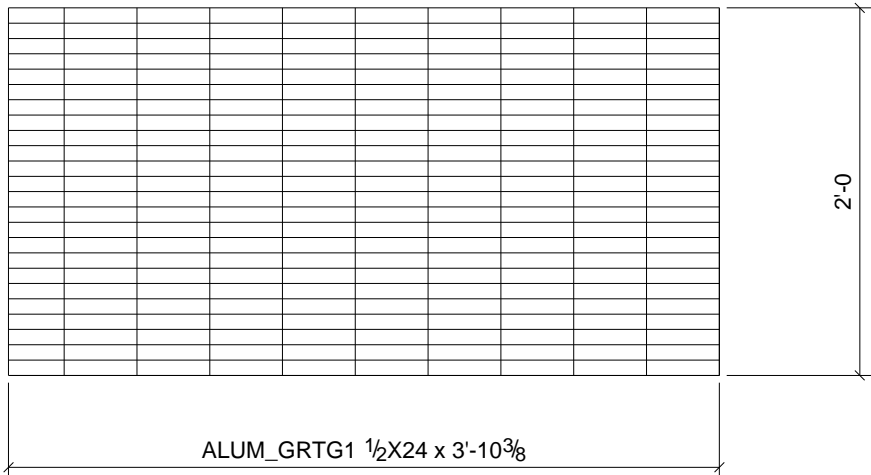
MARK	QTY.	SIZE	LENGTH	COMMENTS
M22	2	ALUM_GRTG1 1/2"X27 9/16"	3'-10 3/8"	

DESCRIPTION: GRATING ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMAC	09/28/2009
	CHKD. BY	DATE
	JOB No.	DRG. No.
	17-171-9	M22



ALUM_GRTG1 1/2X24 x 3'-10 3/8
 TYPE 19-SGI-4 STRIATED, MILL FINISH
 LENGTH INCLUDES BANDING E.E.

1	M23
Qty.	In Assembly

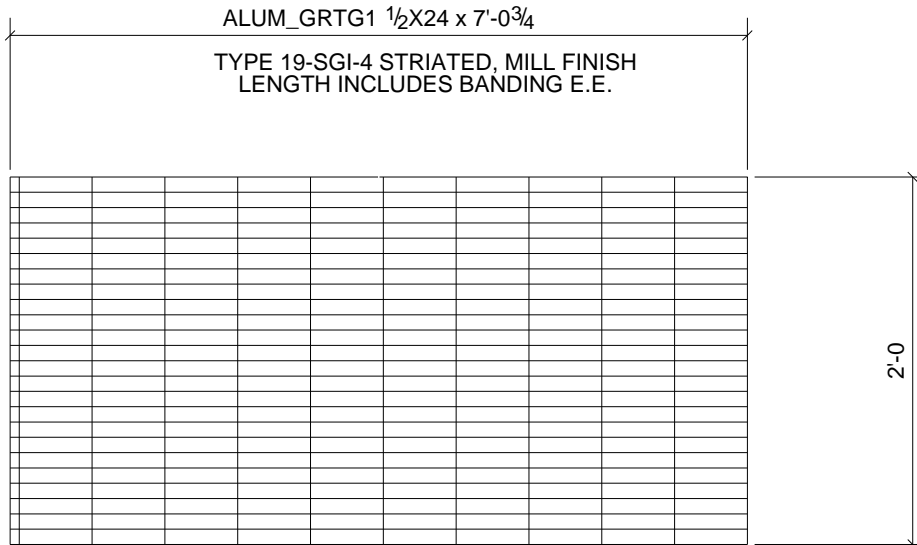
MARK	QTY.	SIZE	LENGTH	COMMENTS
M23	1	ALUM_GRTG1 1/2"x24"	3'-10 3/8"	

DESCRIPTION: GRATING ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMAC	09/28/2009
	CHKD. BY	DATE
	JOB No.	DRG. No.
	17-171-9	M23



1	M24
Qty.	In Assembly

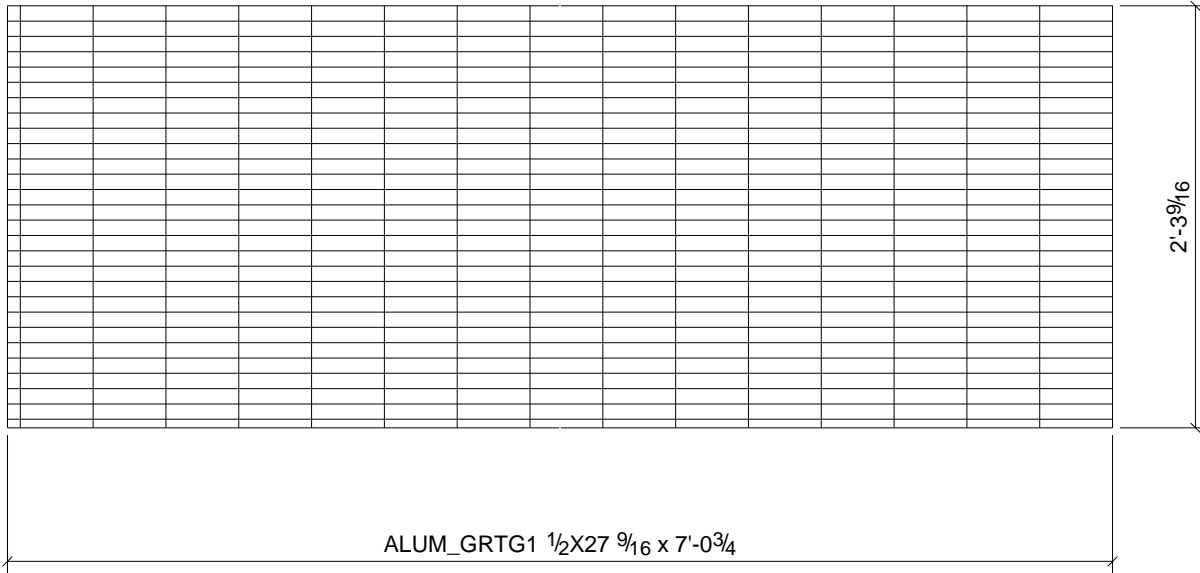
MARK	QTY.	SIZE	LENGTH	COMMENTS
M24	1	ALUM_GRTG1 1/2"X24"	7'-0 3/4"	

DESCRIPTION: GRATING ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/28/2009
	CHKD. BY	DATE
	JOB No. 17-171-9	DRG. No. M24



ALUM_GRTG1 1/2X27 9/16 x 7'-0 3/4

TYPE 19-SGI-4 STRIATED, MILL FINISH
LENGTH INCLUDES BANDING E.E.

2	M25
Qty.	In Assembly

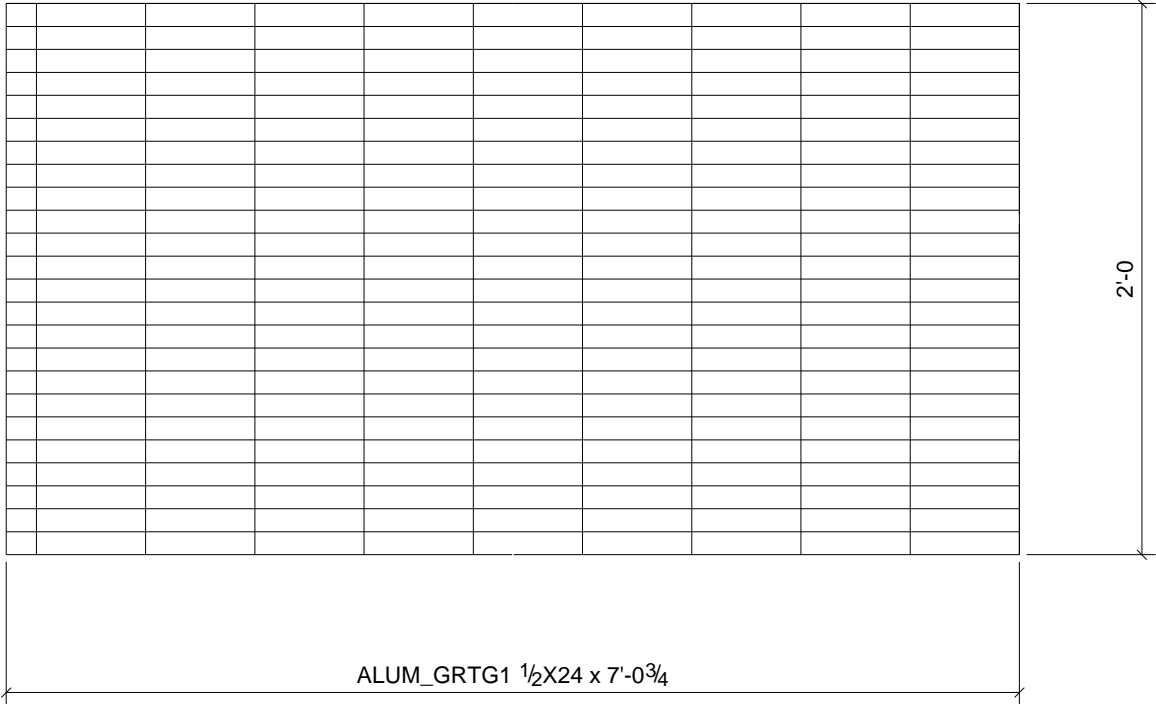
MARK	QTY.	SIZE	LENGTH	COMMENTS
M25	2	ALUM_GRTG1 1/2"x27 9/16"	7'-0 3/4"	

DESCRIPTION: GRATING ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMAC	09/28/2009
	CHKD. BY	DATE
	JOB No.	DRG. No.
	17-171-9	M25



ALUM_GRTG1 1/2X24 x 7'-0 3/4
 TYPE 19-SGI-4 STRIATED, MILL FINISH
 LENGTH INCLUDES BANDING E.E.

1	M26
Qty.	In Assembly

M26	1	ALUM_GRTG1 1/2"x24"	7'-0 3/4"	
MARK	QTY.	SIZE	LENGTH	COMMENTS

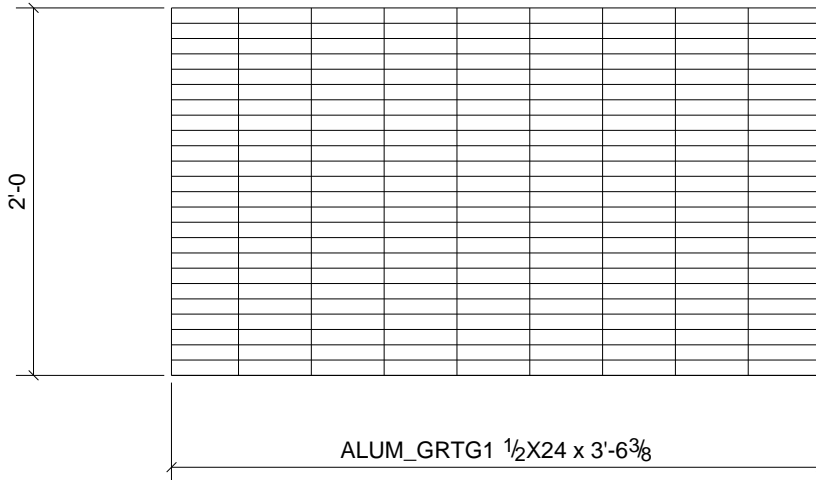
DESCRIPTION: GRATING ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/28/2009
CHKD. BY	DATE
JOB No. 17-171-9	DRG. No. M26



TYPE 19-SGI-4 STRIATED, MILL FINISH
LENGTH INCLUDES BANDING E.E.

2	M27
Qty.	In Assembly

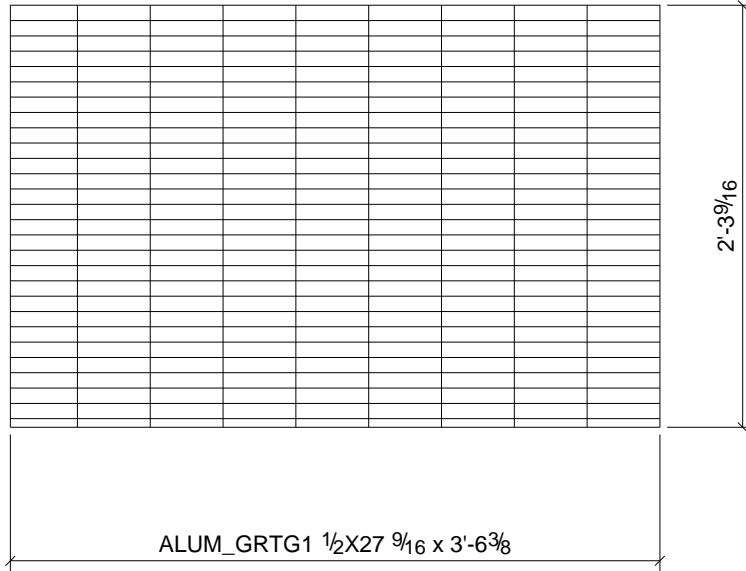
MARK	QTY.	SIZE	LENGTH	COMMENTS
M27	2	ALUM_GRTG1 1/2"X24"	3'-6 3/8"	

DESCRIPTION: GRATING ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMAC	09/28/2009
	CHKD. BY	DATE
	JOB No.	DRG. No.
	17-171-9	M27



ALUM_GRTG1 1/2 X 27 9/16 x 3'-6 3/8"
 TYPE 19-SGI-4 STRIATED, MILL FINISH
 LENGTH INCLUDES BANDING E.E.

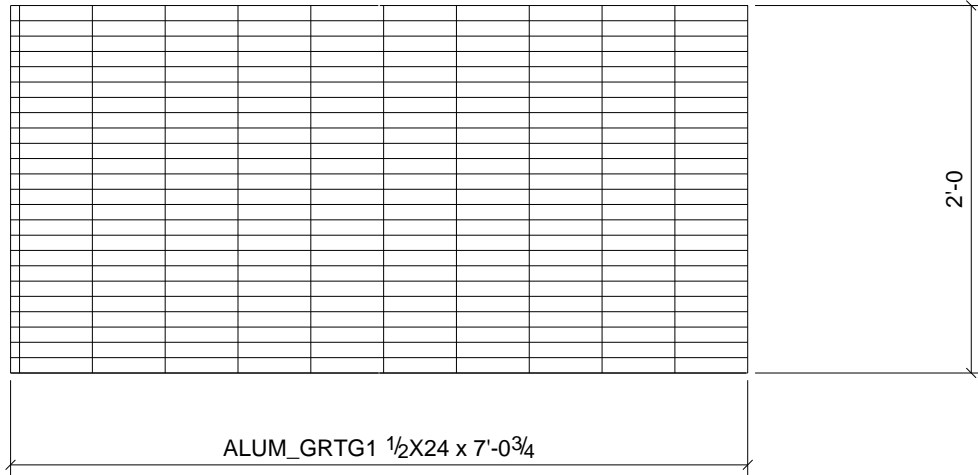
1	M28
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
M28	1	ALUM_GRTG1 1/2" X 27 9/16"	3'-6 3/8"	

DESCRIPTION: GRATING ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN	DRAWN BY TMAC	DATE 09/28/2009
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	CHKD. BY	DATE
	JOB No. 17-171-9	DRG. No. M28



ALUM_GRTG1 1/2X24 x 7'-0³/₄

TYPE 19-SGI-4 STRIATED, MILL FINISH
LENGTH INCLUDES BANDING E.E.

1	M29
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
M29	1	ALUM_GRTG1 1/2"X24"	7'-0 3/4"	

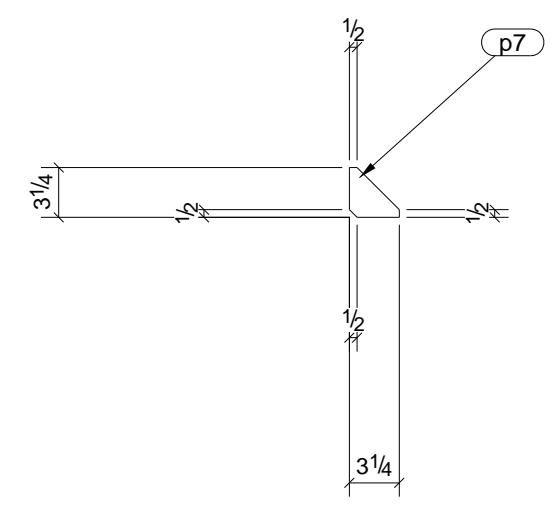
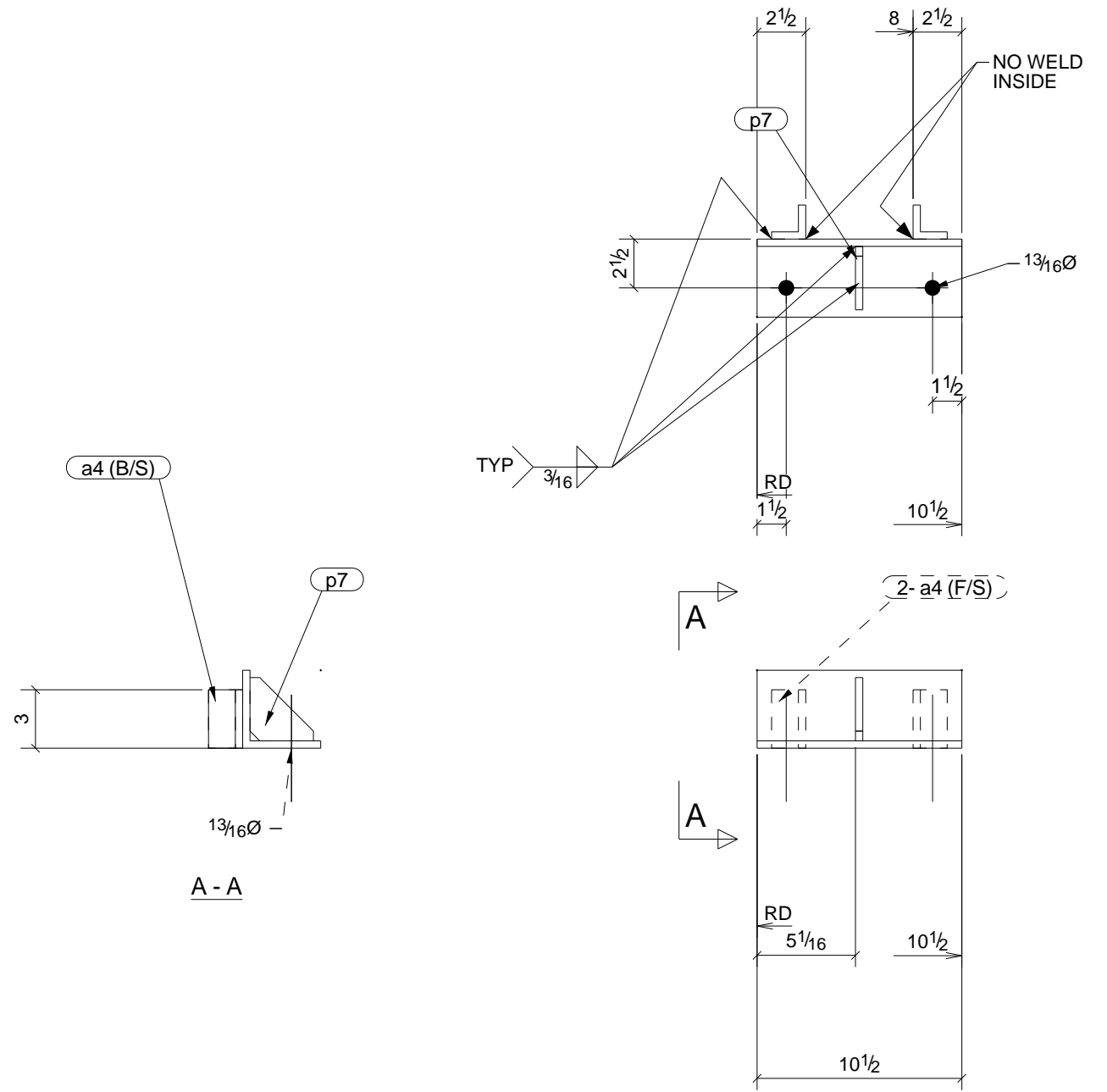
DESCRIPTION: GRATING ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
10 Lisalyn Rd.
Selinsgrove, PA 17870
(570) 374-5333

DRAWN BY TMAC	DATE 09/28/2009
CHKD. BY	DATE
JOB No. 17-171-9	DRG. No. M29

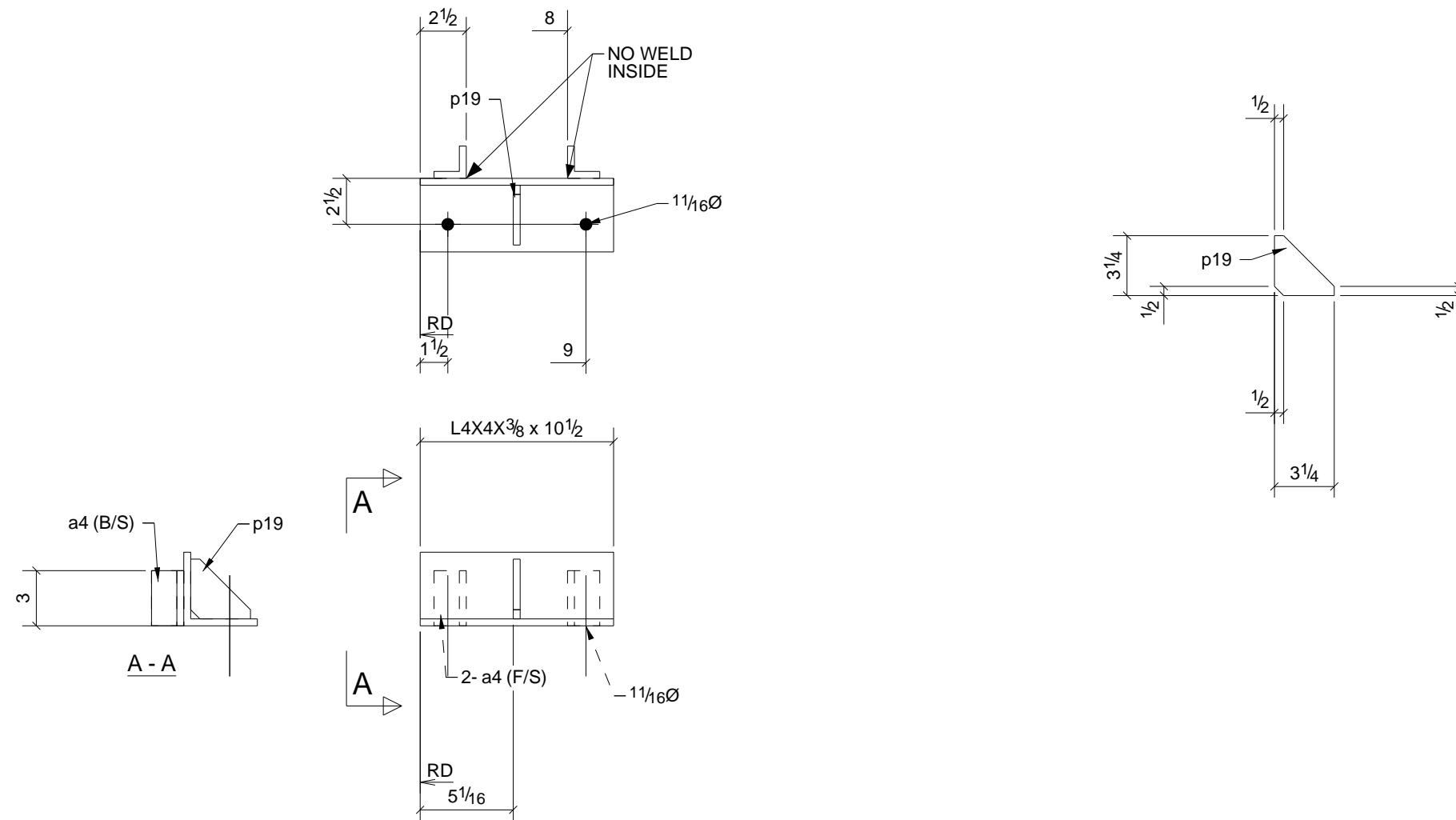


6 - ANGLES - M3

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
6	M3	6	L4X4X3/8	0'-10 1/2"		SQ-2 6061-T6 ALUMINUM
		12	L1-3/4X1-3/4X3/8	0'-3"	a4	6061-T6 ALUMINUM
		6	FL3/8"X3 1/4"	0'-3 1/4"	p7	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: BEAM SEAT				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY TMAC		DATE 10/05/2009
		CHKD. BY		DATE
		JOB No. 17-171-9	DRG. No. M3	REV. 1

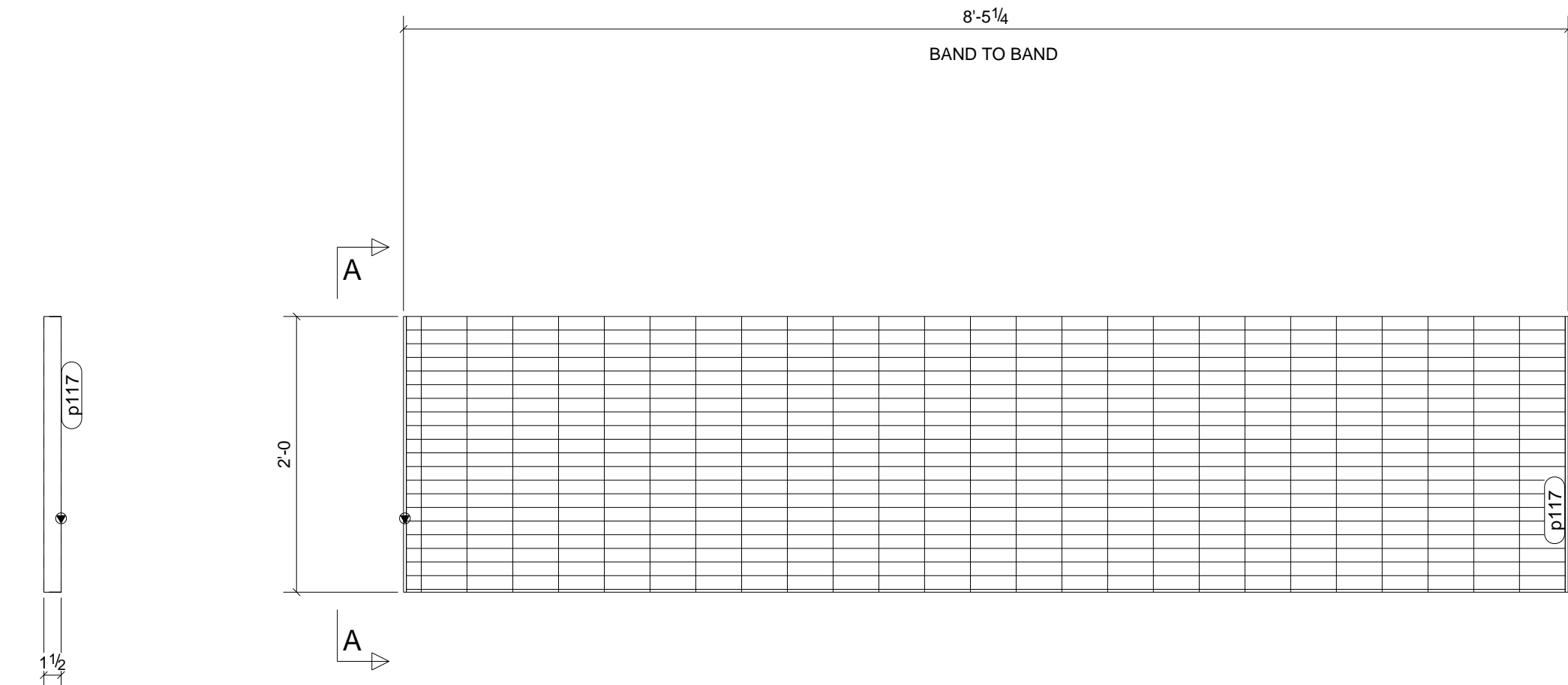


4 - ANGLES - M33

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
4	M33	4	L4X4X3/8	0'-10 1/2"		SQ-2 6061-T6 ALUMINUM
		8	L1-3/4X1-3/4X3/8	0'-3"	a4	6061-T6 ALUMINUM
		4	FL3/8"X3 1/4"	0'-3 1/4"	p19	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: BEAM SEAT ASS'Y ~ ALUMINUM				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY		DATE
				10/07/2009
		CHKD. BY		DATE
JOB No. 17-171-9		DRG. No. M33		REV. 1



A - A

ASP PM CONFIRM

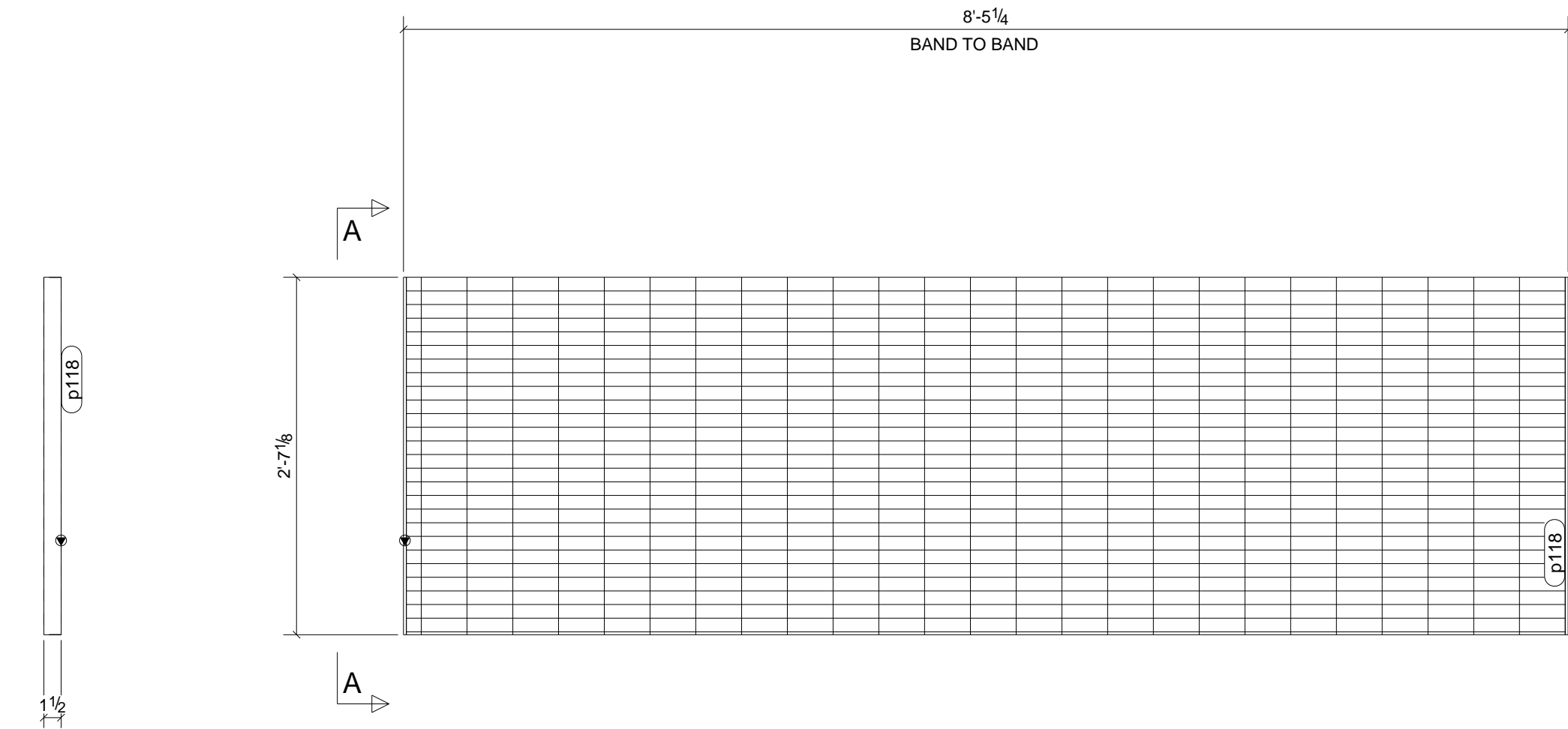
GRATING SPEC.:
ALUMINUM GRATING, BANDED EACH END;
19-SGI-4 STRIATED I BARS 1/4X1-1/2 @ 1-3/16 O.C.

2 - PLATES - M34

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	M34	2	ALUM_GRTG1 1/2"X24"	8'-4 3/4"		SQ-2 6061-T6 ALUMINUM
		4	FL1/4"X1 1/2"	2'-0"	p117	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: GRATING ASS'Y				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. M34	REV. 1



A - A

ASP PM CONFIRM

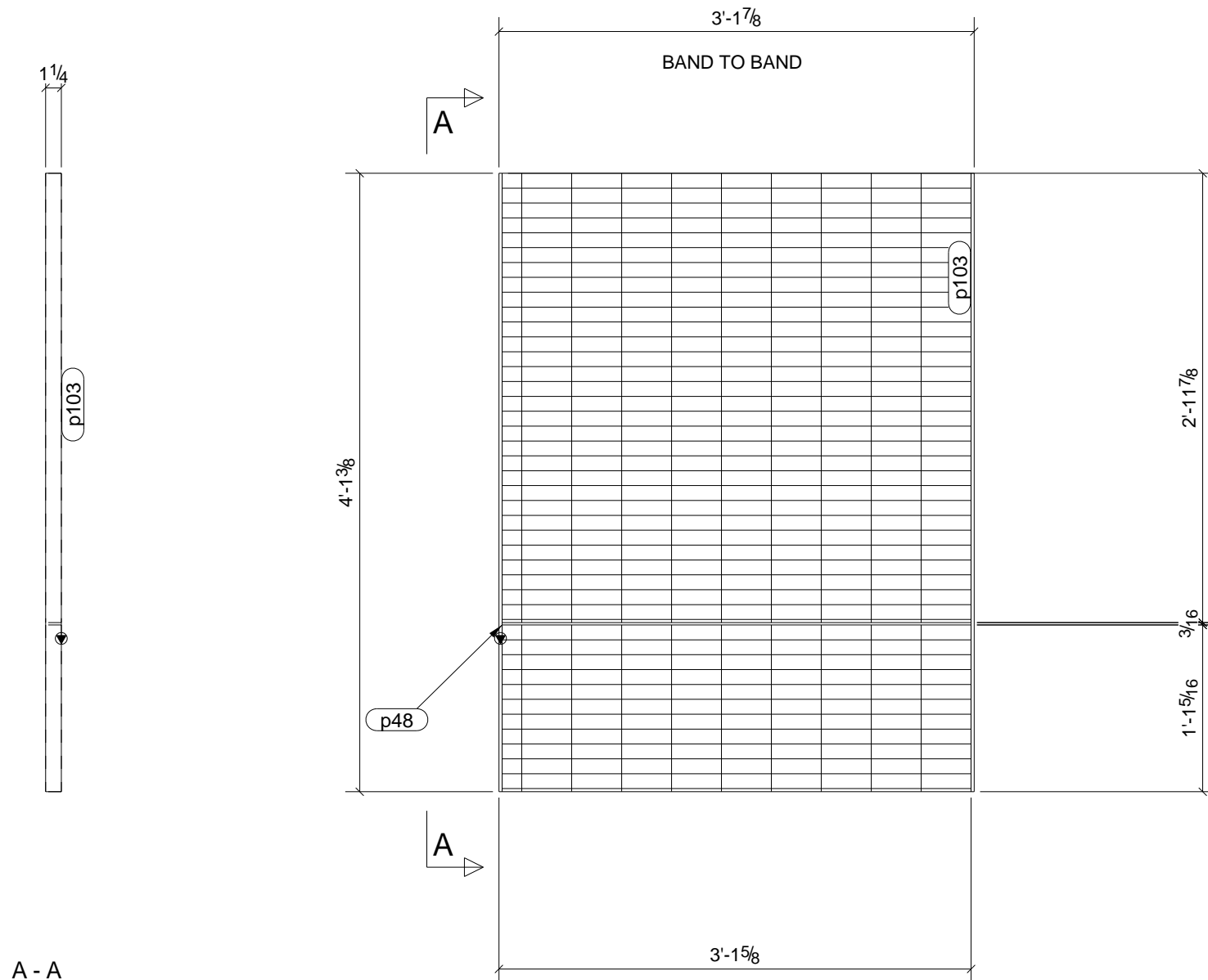
GRATING SPEC.:
ALUMINUM GRATING, BANDED EACH END;
19-SGI-4 STRIATED I BARS 1/4X1-1/2 @ 1-3/16 O.C.

ONE - PLATE - M35

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M35	1	ALUM_GRTG1 1/2"X31 1/8	8'-4 3/4"		SQ-2 6061-T6 ALUMINUM
		2	FL1/4"X1 1/2"	2'-7 1/8"	p118	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION:	GRATING ASS'Y			
PROJECT NAME	GREGG W.W.T.P.			
LOCATION	GREGG TWP.-UNION CO., PA			
CONTRACTOR	ZARTMAN			
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. M35	REV. 1



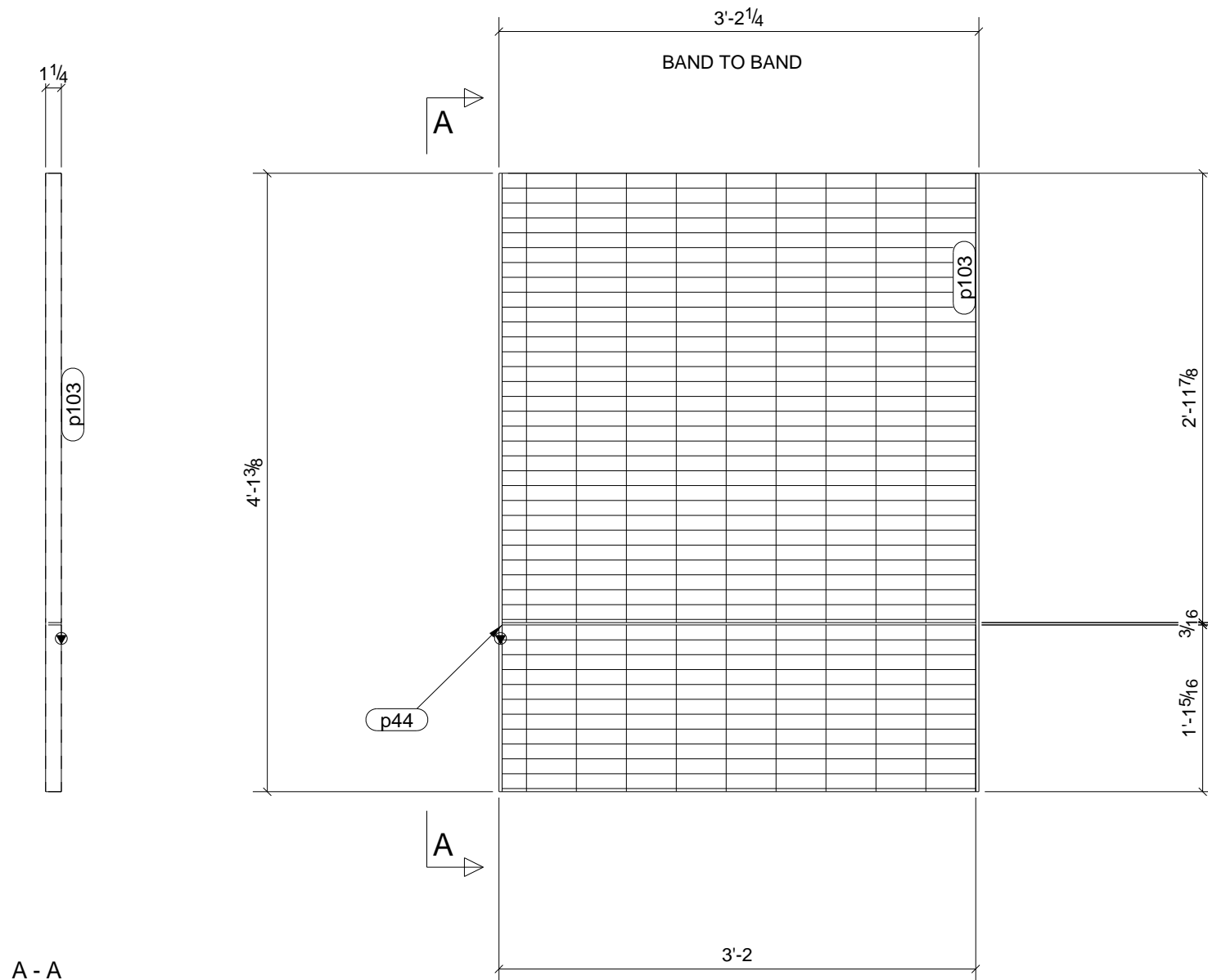
GRATING SPEC.:
 ALUMINUM GRATING, BANDED EACH END;
 19-SGF-4 FLUSH BARS 1/4X1-1/4 @ 1-3/16 O.C.

ONE - PLATE - M38

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M38	1	ALUM_GRTG1 1/4"X35 7/8	3'-1 3/8"		SQ-2 6061-T6 ALUMINUM
		1	ALUM_GRTG1 1/4"X13 5/16"	3'-1 3/8"	p48	6061-T6 ALUMINUM
		2	FL1/4"X1 1/4"	4'-1 3/8"	p103	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC		
REV.	DESCRIPTION	DATE	DWN	CHK		
GENERAL NOTES				JOB USE		
MATERIAL: AS NOTED		ELECTRODES: E70xx LH	REF. DRG.			
HOLES: 13/16 DIA. U/N		CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP			
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			APPROVAL			
DESCRIPTION: GRATING ASS'Y						
PROJECT NAME GREGG W.W.T.P.						
LOCATION GREGG TWP.-UNION CO., PA						
CONTRACTOR ZARTMAN						
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY		DATE	
					09/13/2010	
			CHKD. BY		DATE	
			JOB No.		DRG. No.	REV.
			17-171-9		M38	1



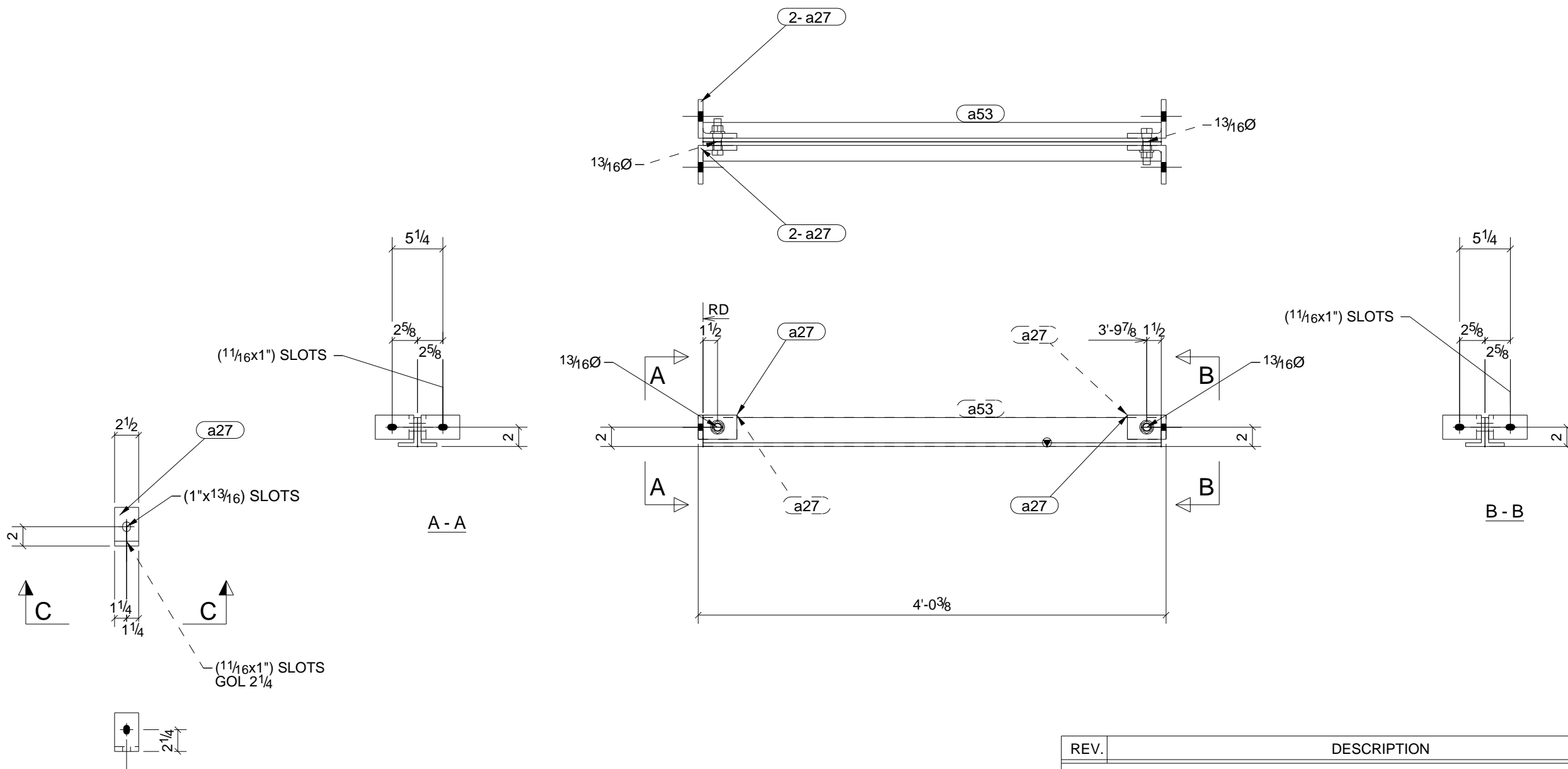
GRATING SPEC.:
 ALUMINUM GRATING, BANDED EACH END;
 19-SGF-4 FLUSH BARS 1/4X1-1/4 @ 1-3/16 O.C.

2 - PLATES - M39

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	M39	2	ALUM_GRTG1 1/4"X35 7/8	3'-1 3/4"		SQ-2 6061-T6 ALUMINUM
		2	ALUM_GRTG1 1/4"X13 5/16"	3'-1 3/4"	p44	6061-T6 ALUMINUM
		4	FL1/4"X1 1/4"	4'-1 3/8"	p103	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK	
GENERAL NOTES				JOB USE	
MATERIAL: AS NOTED		ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N		CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			APPROVAL		
DESCRIPTION: GRATING ASS'Y					
PROJECT NAME GREGG W.W.T.P.					
LOCATION GREGG TWP.-UNION CO., PA					
CONTRACTOR ZARTMAN					
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY		DATE
					09/13/2010
			CHKD. BY		DATE
			JOB No.	DRG. No.	REV.
			17-171-9	M39	1

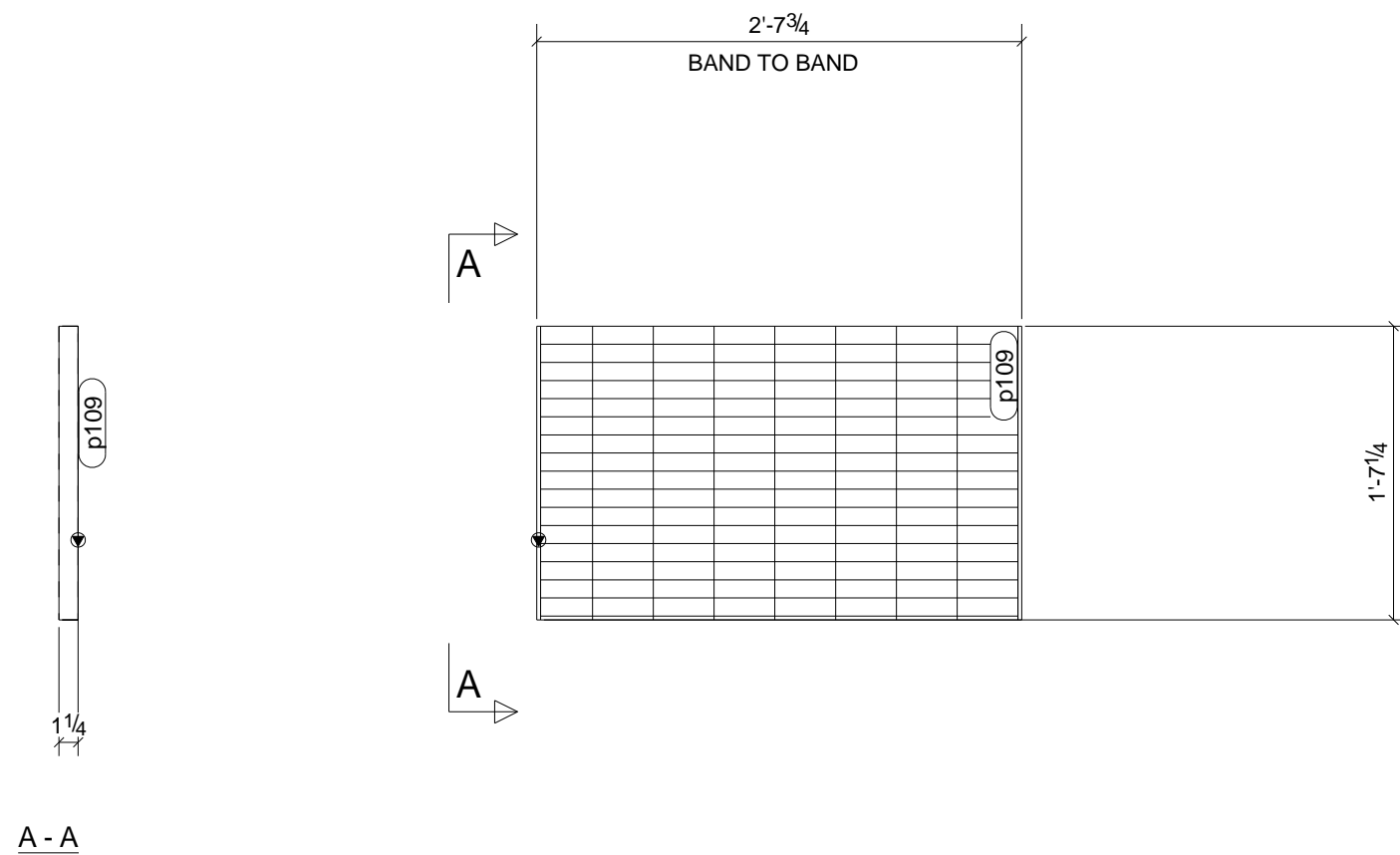


3 - ANGLES - M42

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
3	M42	3	L3X2X3/8	3'-11 3/8"		SQ-2 6061-T6 ALUMINUM
		12	L4X4X1/2	0'-2 1/2"	a27	6061-T6 ALUMINUM
		3	L3X2X3/8	3'-11 3/8"	a53	6061-T6 ALUMINUM
		6	3/4"Ø A304 BOLT	0'-3 1/4"		

REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				
MATERIAL: AS NOTED		ELECTRODES: E70xx LH		REF. DRG.
HOLES: 13/16 DIA. U/N		CONN'S.: 3/4"Ø A325-N-ST U.N.		
SURFACE PREP. PER SPECS			APPROVAL	
AND PAINT: PER SPECS				
DESCRIPTION: ANGLE SUPPORT				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc			DRAWN BY	
10 Lisalyn Rd.			DATE	
Selinsgrove, PA 17870			09/13/2010	
(570) 374-5333			CHKD. BY	
			DATE	
			JOB No. 17-171-9	
			DRG. No. M42	
			REV. 1	



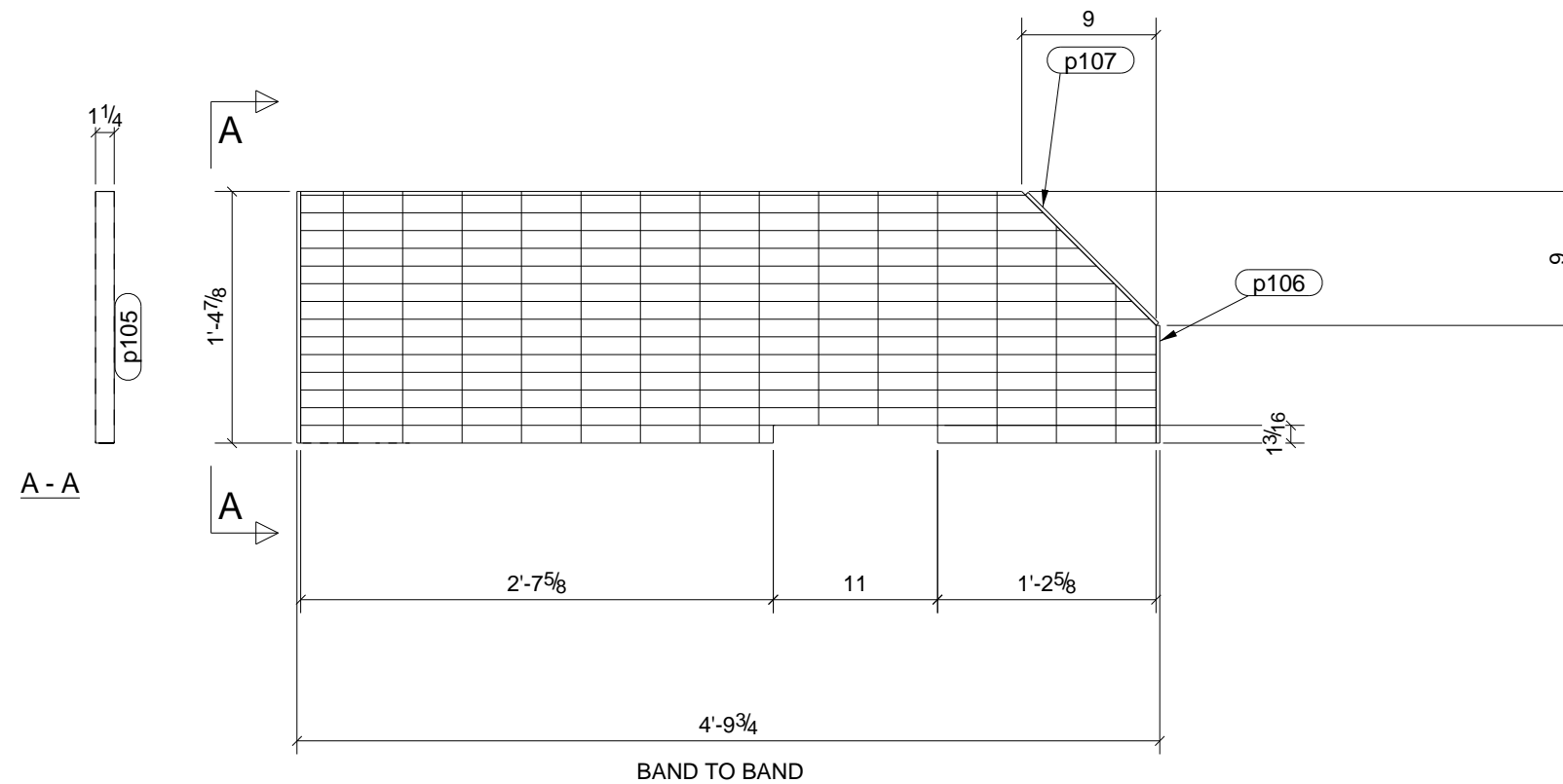
GRATING SPEC.:
ALUMINUM GRATING, BANDED EACH END;
19-SGF-4 FLUSH BARS 1/4X1-1/4 @ 1-3/16 O.C.

ONE - GRATING ASS'Y - M43

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M43	1	ALUM_GRTG1 1/4"X19 1/4	2'-7 1/4"		SQ-2 6061-T6 ALUMINUM
		2	FL1/4"X1 1/4"	1'-7 1/4"	p109	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: GRATING ASS'Y				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. M43	REV. 1



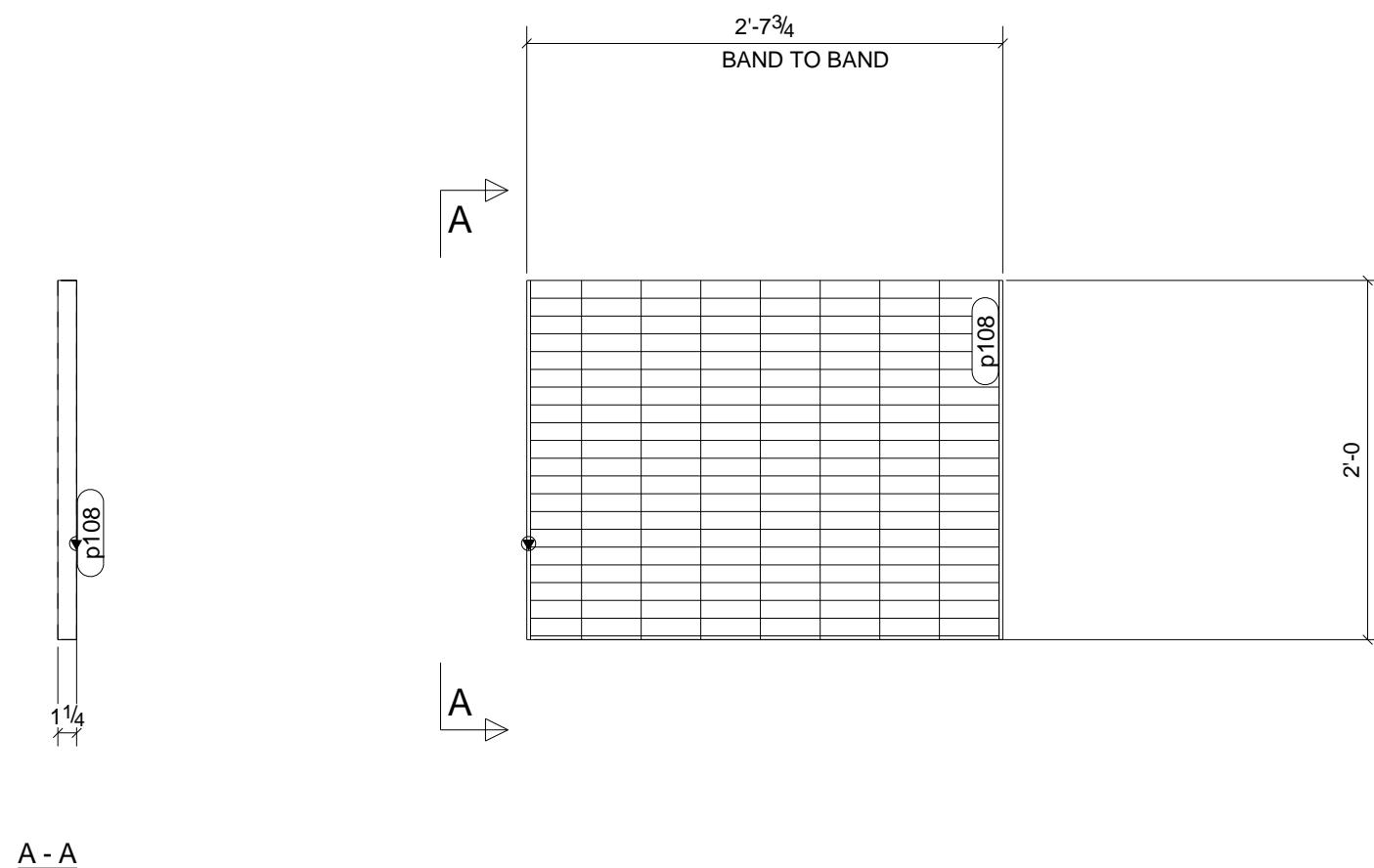
GRATING SPEC.:
 ALUMINUM GRATING, BANDED EACH END;
 19-SGF-4 FLUSH BARS 1/4X1-1/4 @ 1-3/16 O.C.

ONE - GRATING ASS'Y - M44

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M44	1	ALUM_GRTG1 1/4"X16 7/8	4'-9 1/4"		SQ-2 6061-T6 ALUMINUM
		1	FL1/4"X1 1/4"	1'-4 7/8"	p105	6061-T6 ALUMINUM
		1	FL1/4"X1 1/4"	0'-7 7/8"	p106	6061-T6 ALUMINUM
		1	FL1/4"X1 1/4"	1'-0 3/8"	p107	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: GRATING ASS'Y				
PROJECT NAME		GREGG W.W.T.P.		
LOCATION		GREGG TWP.-UNION CO., PA		
CONTRACTOR		ZARTMAN		
A S P Services Inc		DRAWN BY	DATE	
10 Lisalyn Rd.		CHKD. BY	DATE	
Selinsgrove, PA 17870		JOB No.	DRG. No.	REV.
(570) 374-5333		17-171-9	M44	1



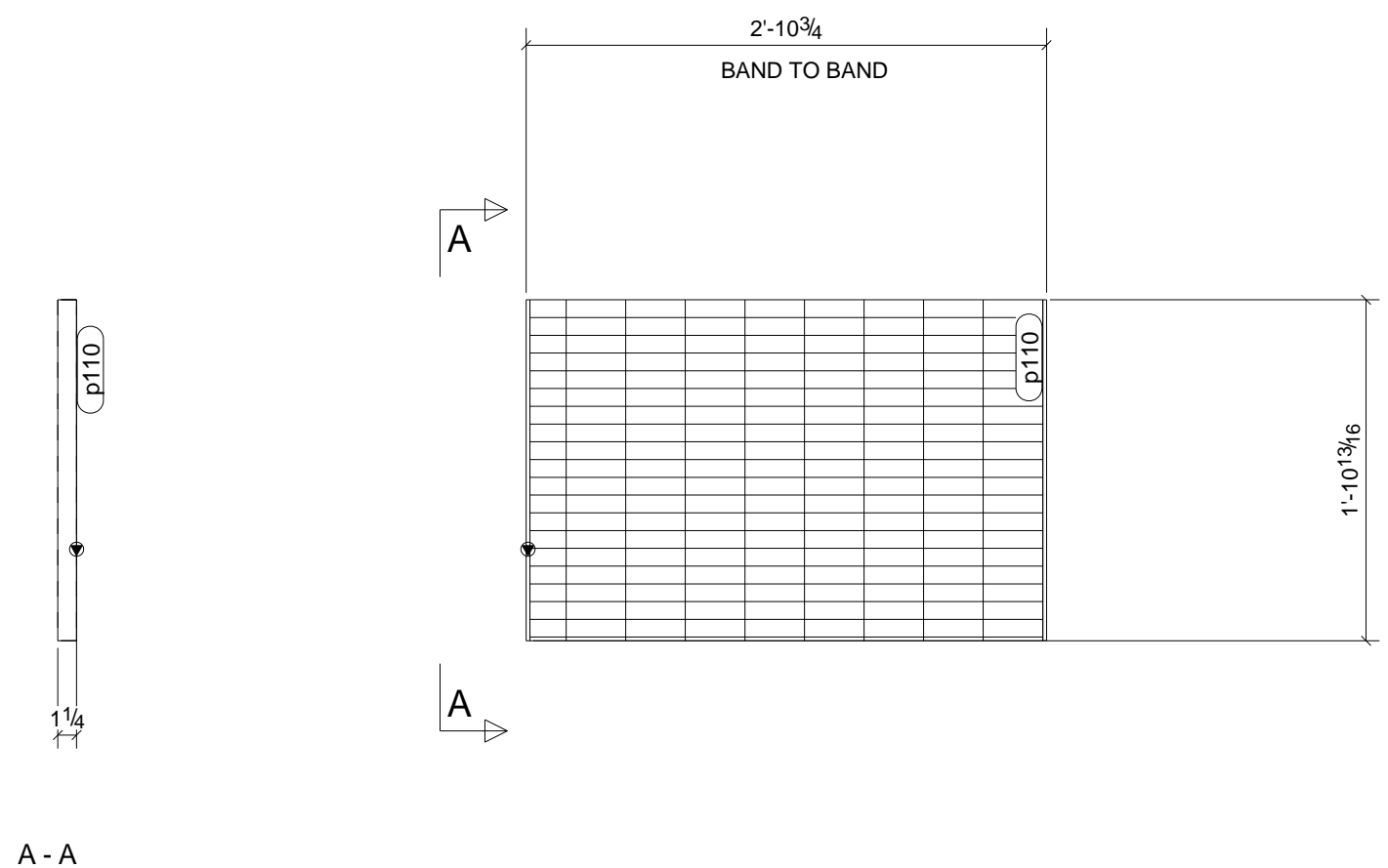
GRATING SPEC.:
 ALUMINUM GRATING, BANDED EACH END;
 19-SGF-4 FLUSH BARS 1/4X1-1/4 @ 1-3/16 O.C.

2 - GRATING ASS'YS - M49

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	M49	2	ALUM_GRTG1 1/4"X24"	2'-7 1/4"		SQ-2 6061-T6 ALUMINUM
		4	FL1/4"X1 1/4"	2'-0"	p108	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: GRATING ASS'Y				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. M49	REV. 1



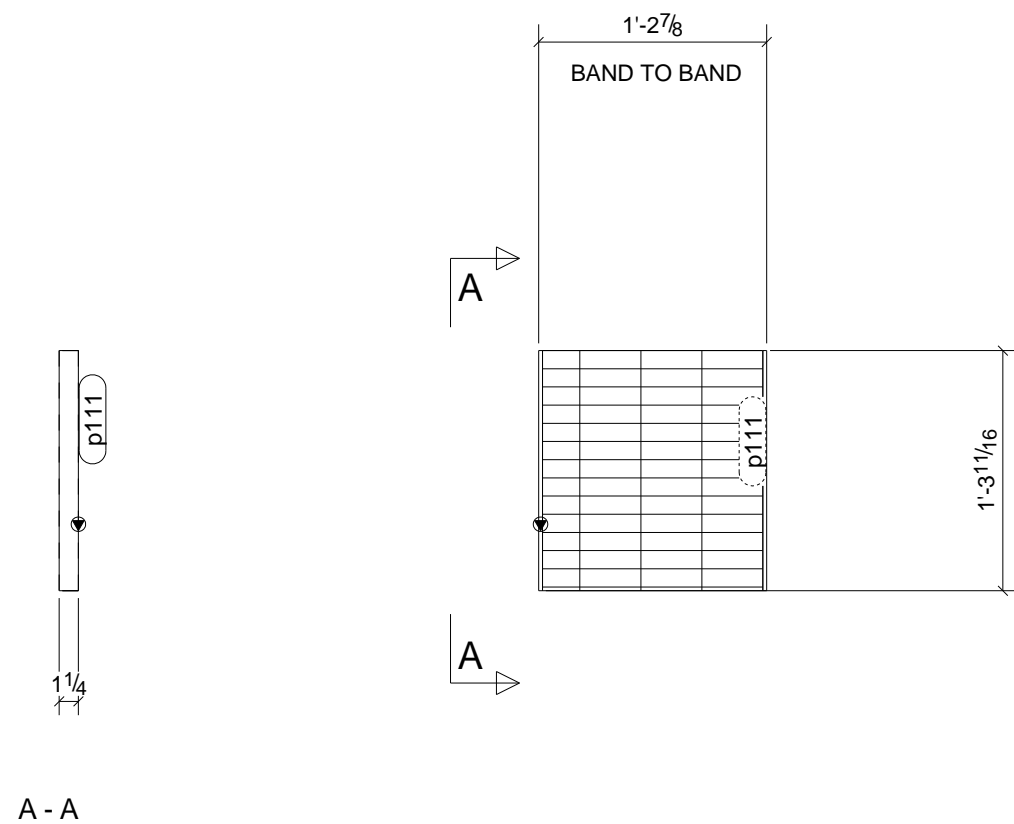
GRATING SPEC.:
 ALUMINUM GRATING, BANDED EACH END;
 19-SGF-4 FLUSH BARS 1/4X1-1/4 @ 1-3/16 O.C.

ONE - GRATING ASS'Y - M50

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M50	1	ALUM_GRTG1 1/4"X22 13/	2'-10 1/4"		SQ-2 6061-T6 ALUMINUM
		2	FL1/4"X1 1/4"	1'-10 13/16"	p110	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED		ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. U/N		CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			APPROVAL	
DESCRIPTION:		GRATING ASS'Y		
PROJECT NAME		GREGG W.W.T.P.		
LOCATION		GREGG TWP.-UNION CO., PA		
CONTRACTOR		ZARTMAN		
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY		DATE
				09/13/2010
		CHKD. BY		DATE
JOB No.		DRG. No.	REV.	
17-171-9		M50	1	



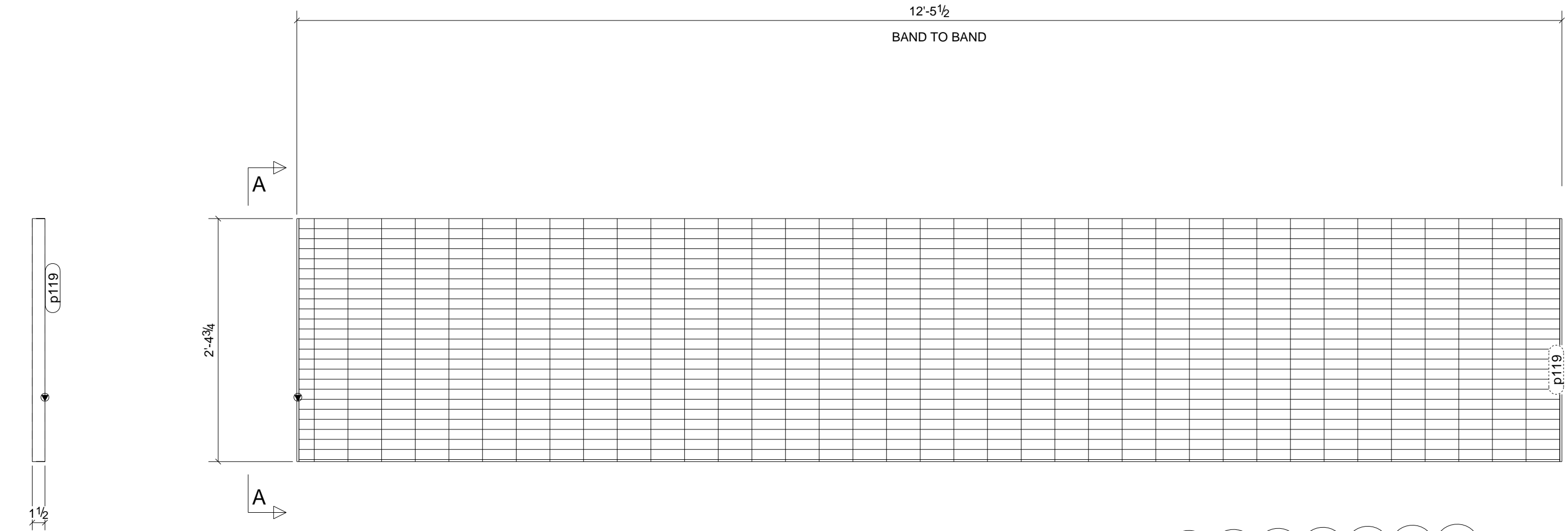
GRATING SPEC.:
 ALUMINUM GRATING, BANDED EACH END;
 19-SGF-4 FLUSH BARS 1/4X1-1/4 @ 1-3/16 O.C.

ONE - GRATING ASS'Y - M52

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M52	1	ALUM_GRTG1 1/4"X14 3/8	1'-3 11/16"		SQ-2 6061-T6 ALUMINUM
		2	FL1/4"X1 1/4"	1'-3 11/16"	p111	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: GRATING ASS'Y				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. M52	REV. 1



A - A

ASP PM CONFIRM

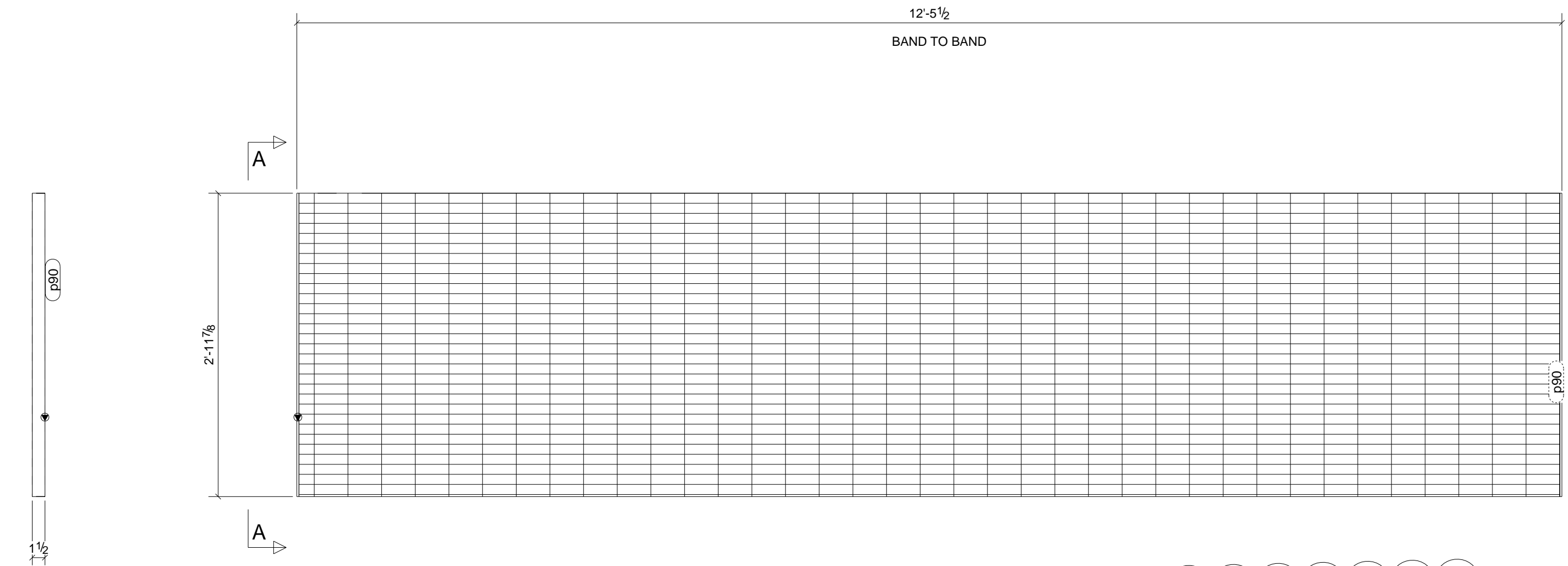
GRATING SPEC.:
ALUMINUM GRATING, BANDED EACH END;
19-SGI-4 STRIATED I BARS 1/4X1-1/2 @ 1-3/16 O.C.

ONE - GRATING ASS'Y - M53

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M53	1	ALUM_GRTG1 1/2"X28 3/4	12'-5"		SQ-2 6061-T6 ALUMINUM
		2	FL1/4"X1 1/2"	2'-4 3/4"	p119	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC		
REV.	DESCRIPTION	DATE	DWN	CHK		
GENERAL NOTES			JOB USE			
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.				
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP				
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			APPROVAL			
DESCRIPTION: GRATING ASS'Y						
PROJECT NAME GREGG W.W.T.P.						
LOCATION GREGG TWP.-UNION CO., PA						
CONTRACTOR ZARTMAN						
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY		DATE	
					09/13/2010	
			CHKD. BY		DATE	
			JOB No.		DRG. No.	REV.
			17-171-9		M53	1



A - A

ASP PM CONFIRM

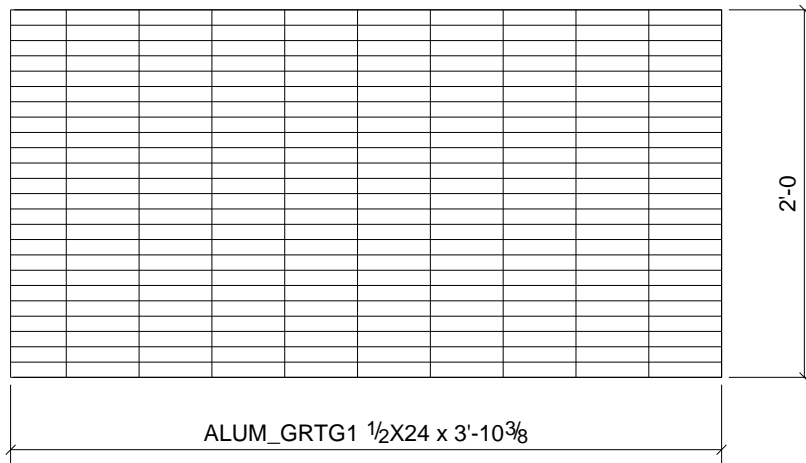
GRATING SPEC.:
ALUMINUM GRATING, BANDED EACH END;
19-SGI-4 STRIATED I BARS 1/4X1-1/2 @ 1-3/16 O.C.

ONE - GRATING ASS'Y - M54

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M54	1	ALUM_GRTG1 1/2"X35 7/8	12'-5"		SQ-2 6061-T6 ALUMINUM
		2	FL1/4"X1 1/2"	2'-11 7/8"	p90	6061-T6 ALUMINUM

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		SHOP
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.			APPROVAL
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: GRATING ASS'Y				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		CHKD. BY	DATE	
		JOB No. 17-171-9	DRG. No. M54	REV. 1



TYPE 19-SGI-4 STRIATED, MILL FINISH
 LENGTH INCLUDES BANDING E.E.

1	M57
Qty.	In Assembly

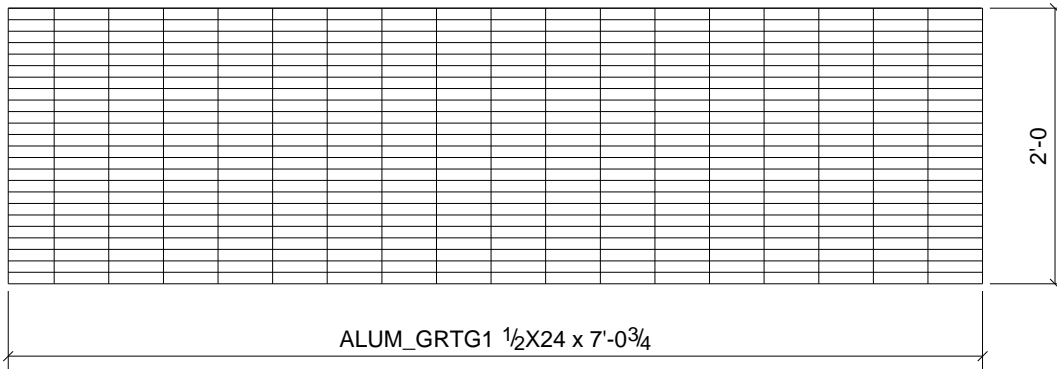
MARK	QTY.	SIZE	LENGTH	COMMENTS
M57	1	ALUM_GRTG1 1/2"X24"	3'-10 3/8"	

DESCRIPTION: GRATING ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMAC	10/08/2009
	CHKD. BY	DATE
	JOB No.	DRG. No.
	17-171-9	M57



TYPE 19-SGI-4 STRIATED, MILL FINISH
 LENGTH INCLUDES BANDING E.E.

1	M58
Qty.	In Assembly

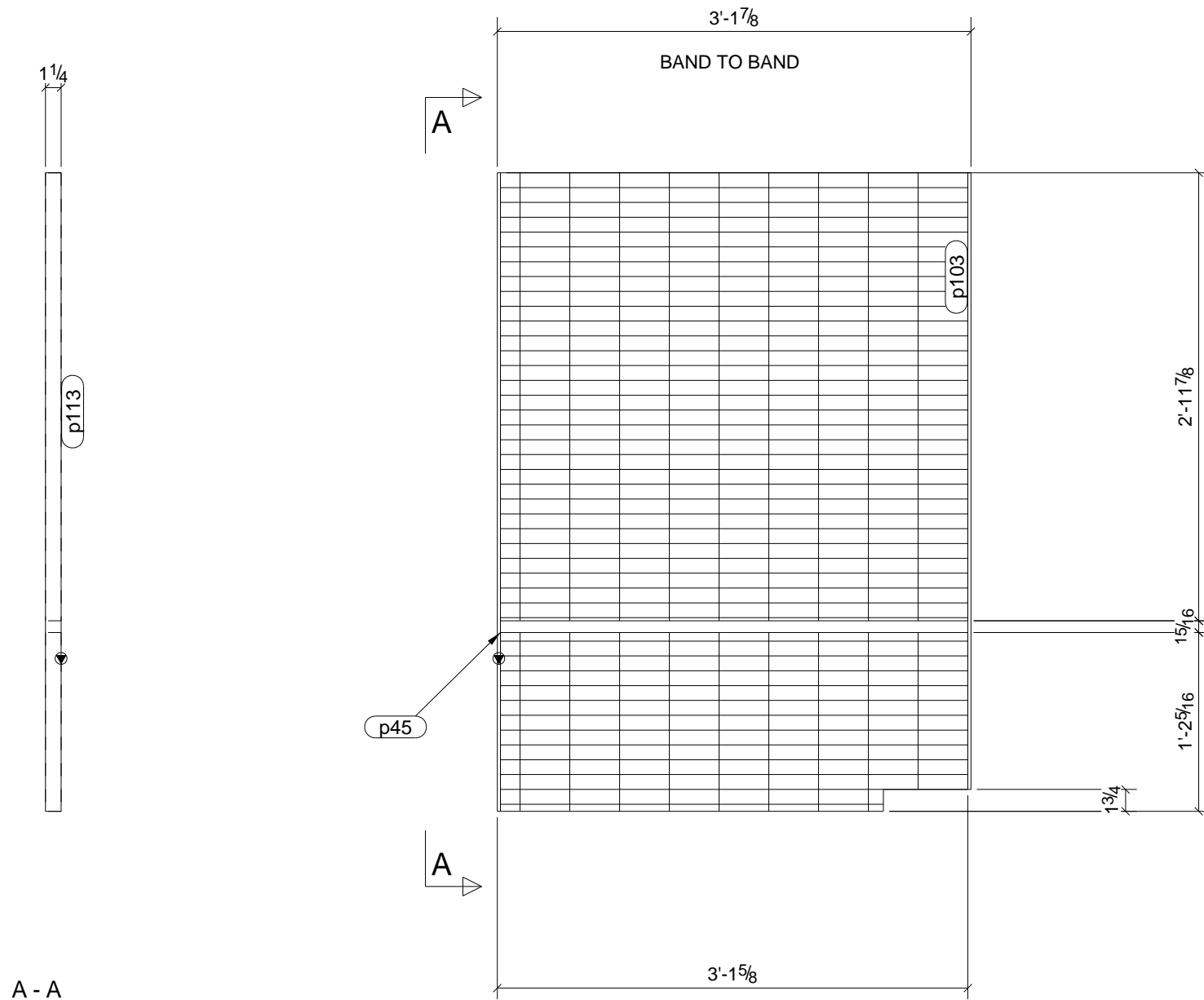
MARK	QTY.	SIZE	LENGTH	COMMENTS
M58	1	ALUM_GRTG1 1/2"X24"	7'-0 3/4"	

DESCRIPTION: GRATING ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 10/08/2009
	CHKD. BY	DATE
	JOB No. 17-171-9	DRG. No. M58



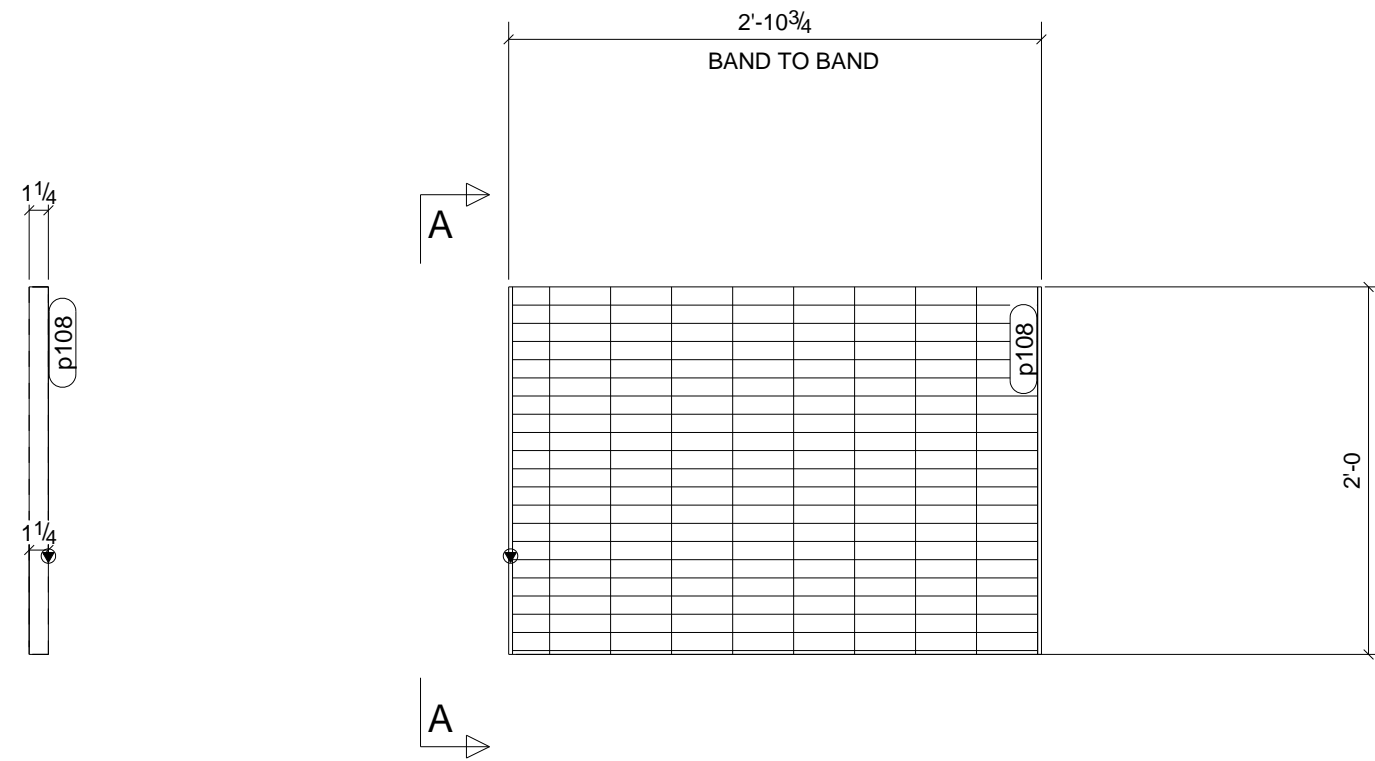
GRATING SPEC.:
ALUMINUM GRATING, BANDED EAND END;
19-SGF-4 FLUSH BARS 1/4X1-1/4 @ 1-3/16 O.C.

ONE - GRATING ASS'Y - M59

0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: GRATING ASS'Y				
PROJECT NAME		GREGG W.W.T.P.		
LOCATION		GREGG TWP.-UNION CO., PA		
CONTRACTOR		ZARTMAN		
A S P Services Inc		DRAWN BY	DATE	
10 Lisalyn Rd.		CHKD. BY	DATE	
Selinsgrove, PA 17870		JOB No.	DRG. No.	REV.
(570) 374-5333		17-171-9	M59	1

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M59	1	ALUM_GRTG1 1/4"X35 7/8	3'-1 3/8"		SQ-2 6061-T6 ALUMINUM
		1	ALUM_GRTG1 1/4"X14 5/16"	3'-1 3/8"	p45	6061-T6 ALUMINUM
		1	FL1/4"X1 1/4"	4'-1 3/8"	p103	6061-T6 ALUMINUM
		1	FL1/4"X1 1/4"	4'-3 1/8"	p113	6061-T6 ALUMINUM



A - A

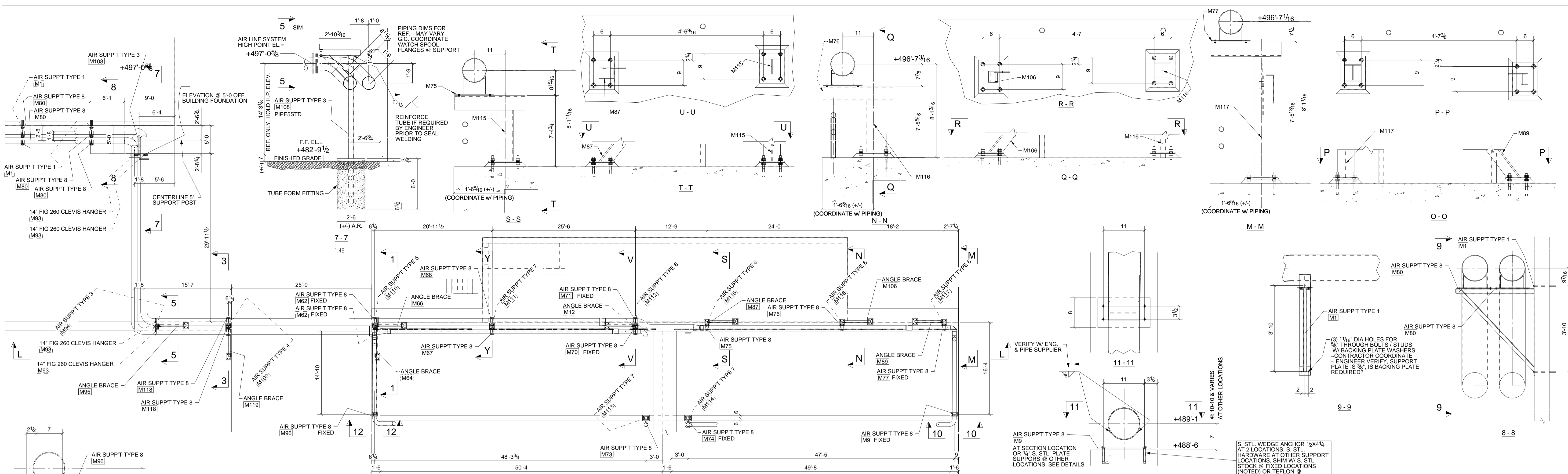
GRATING SPEC.:
ALUMINUM GRATING, BANDED EACH END;
19-SGF-4 FLUSH BARS 1/4X1-1/4 @ 1-3/16 O.C.

3 - GRATING ASS'YS - M65

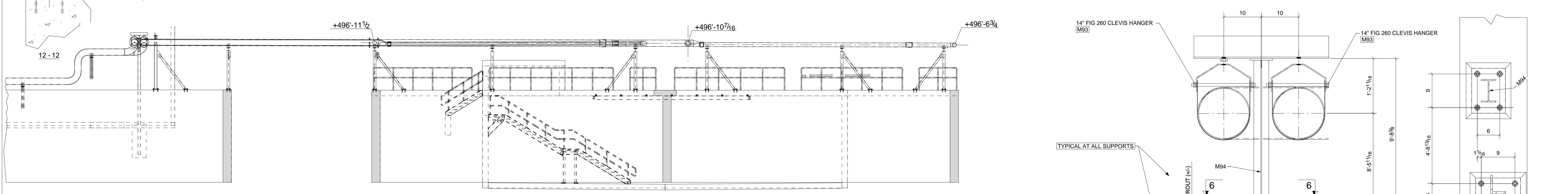
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
3	M65	3	ALUM_GRTG1 1/4"X24"	2'-10 1/4"		SQ-2 6061-T6 ALUMINUM
		6	FL1/4"X1 1/4"	2'-0"	p108	6061-T6 ALUMINUM

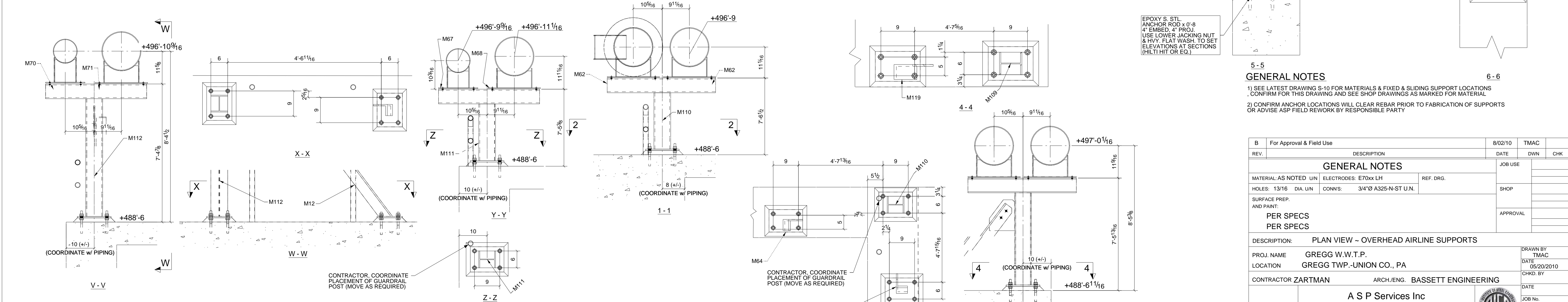
0	For Fabrication	9/13/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED		ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. U/N		CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			APPROVAL	
DESCRIPTION:		GRATING ASS'Y		
PROJECT NAME		GREGG W.W.T.P.		
LOCATION		GREGG TWP.-UNION CO., PA		
CONTRACTOR		ZARTMAN		
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY		DATE
				09/13/2010
		CHKD. BY		DATE
JOB No.		DRG. No.	REV.	
17-171-9		M65	1	



PLAN VIEW ~ OVERHEAD AIRLINE SUPPORTS



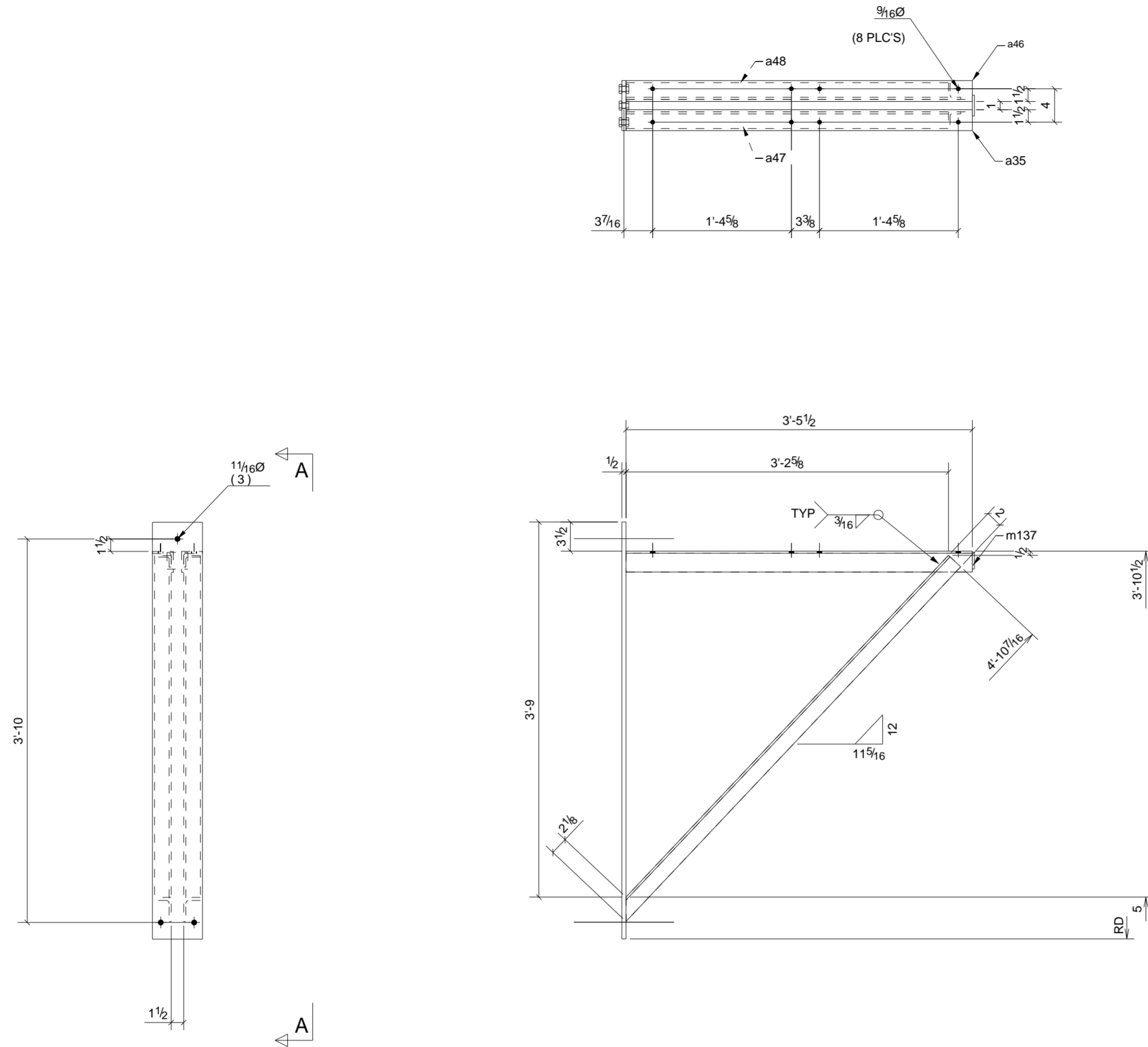
VIEW ~ L - L



GENERAL NOTES

- 1) SEE LATEST DRAWING S-10 FOR MATERIALS & FIXED & SLIDING SUPPORT LOCATIONS, CONFIRM FOR THIS DRAWING AND SEE SHOP DRAWINGS AS MARKED FOR MATERIAL
- 2) CONFIRM ANCHOR LOCATIONS WILL CLEAR REBAR PRIOR TO FABRICATION OF SUPPORTS OR ADVISE ASP FIELD REWORK BY RESPONSIBLE PARTY

B	For Approval & Field Use	8/20/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				
MATERIAL: AS NOTED U/N		ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA U/N		CONNS: 3/4"Ø A325-N ST U/N		
SURFACE PREP:		SHOP		
AND PAINT:		APPROVAL		
PER SPECS				
PER SPECS				
DESCRIPTION: PLAN VIEW ~ OVERHEAD AIRLINE SUPPORTS				
PROJ. NAME	GREGG W.W.T.P.		DRAWN BY	TMAC
LOCATION	GREGG TWP.-UNION CO., PA		DATE	05/20/2010
CONTRACTOR	ZARTMAN	ARCH. ENG.	BASSETT ENGINEERING	CHKD. BY
10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DATE	JOB No. 17-171-9	
		DRG. No. E5	REV. B	



A - A

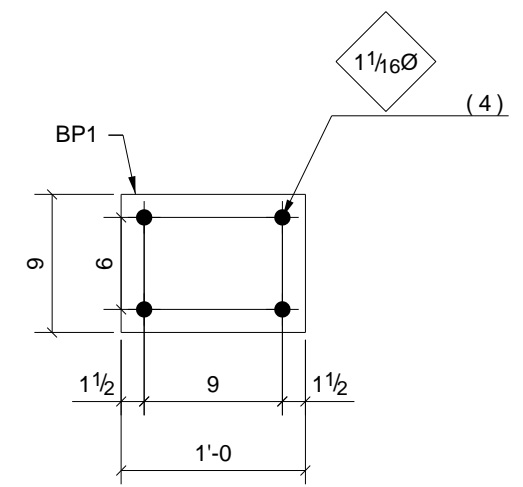
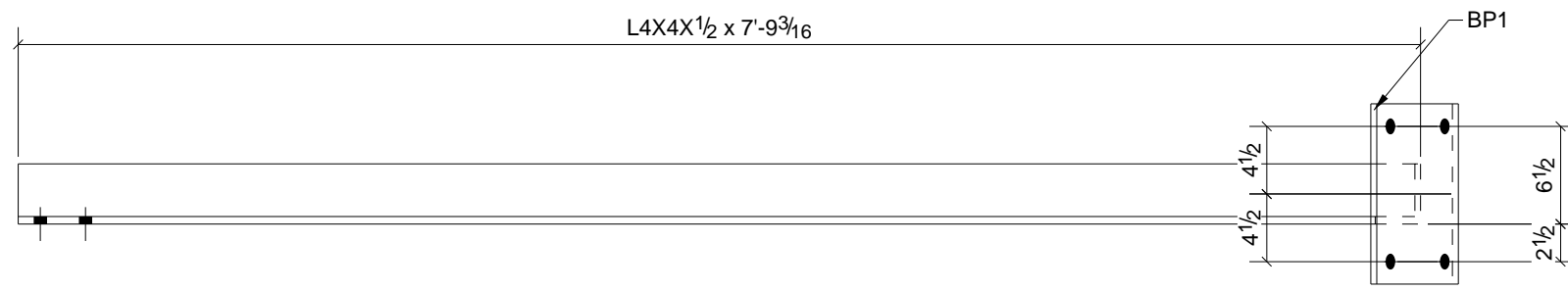
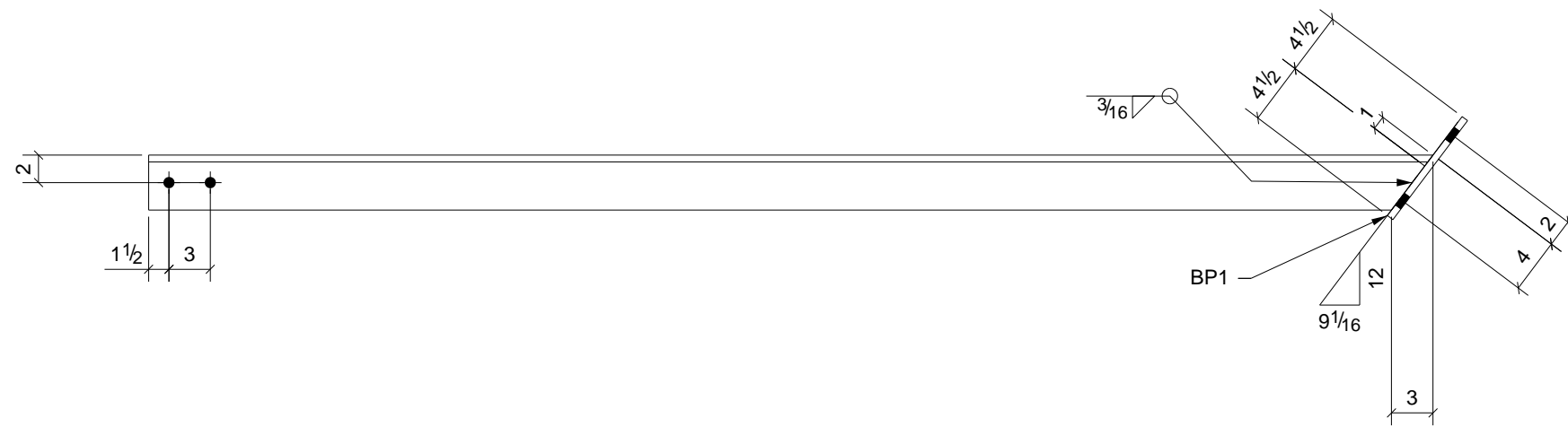
REVERSE ENGINEERED FROM ANVIL INTERNATIONAL BRACKET FIGURE 199 5, MEMBER SIZES SIM.

2 - AIR SUPP'T TYPE 1S - M1

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	M1	2	FL1/2"X6"	4'-2"		SQ-2 A36 GALVANIZED
		2	L2-1/2X2-1/2X1/4	3'-5 1/2"	a35	A36 GALVANIZED
		2	L2-1/2X2-1/2X1/4	3'-5 1/2"	a46	A36 GALVANIZED
		2	L2X2X1/4	4'-10 7/16"	a47	A36 GALVANIZED
		2	L2X2X1/4	4'-10 7/16"	a48	A36 GALVANIZED
		2	FL1/4"X2"	0'-2 1/2"	m137	A36 GALVANIZED

B	For Approval	8/02/10	TMAC
REV.	DESCRIPTION	DATE	DWN
GENERAL NOTES			JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			
DESCRIPTION: PIPE SUPPORT TYPE 3			
PROJECT NAME: GREGG W.W.T.P.			
LOCATION: GREGG TWP.-UNION CO., PA			
CONTRACTOR: ZARTMAN			
A S P Services Inc 10 Lisalyn Rd. Selingsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE
		TMc	08/03/2010
		CHKD. BY	DATE
	TMAC		
JOB No.	DRG. No.	REV.	
17-171-9	M1	1	

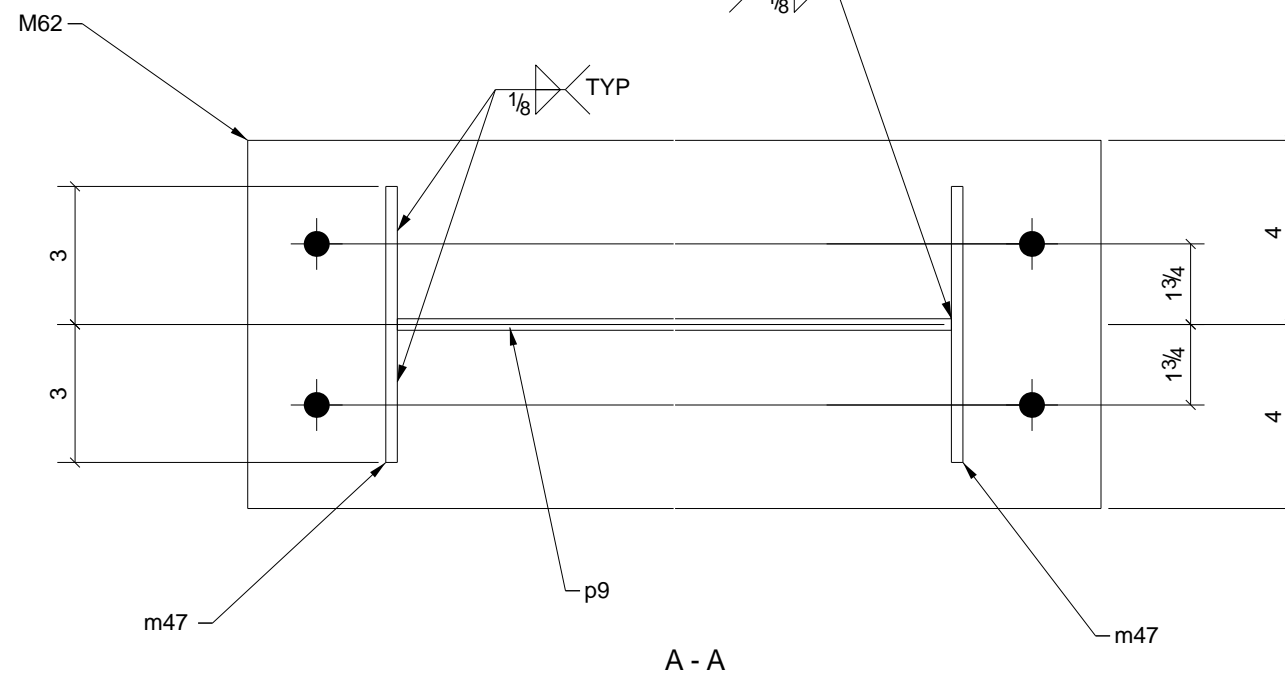
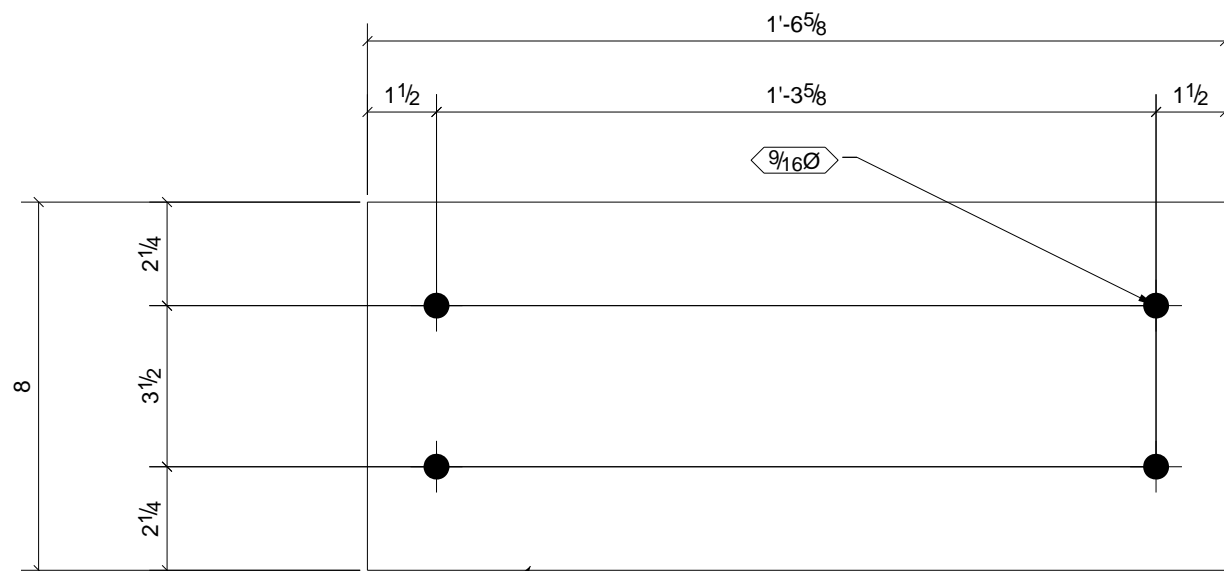
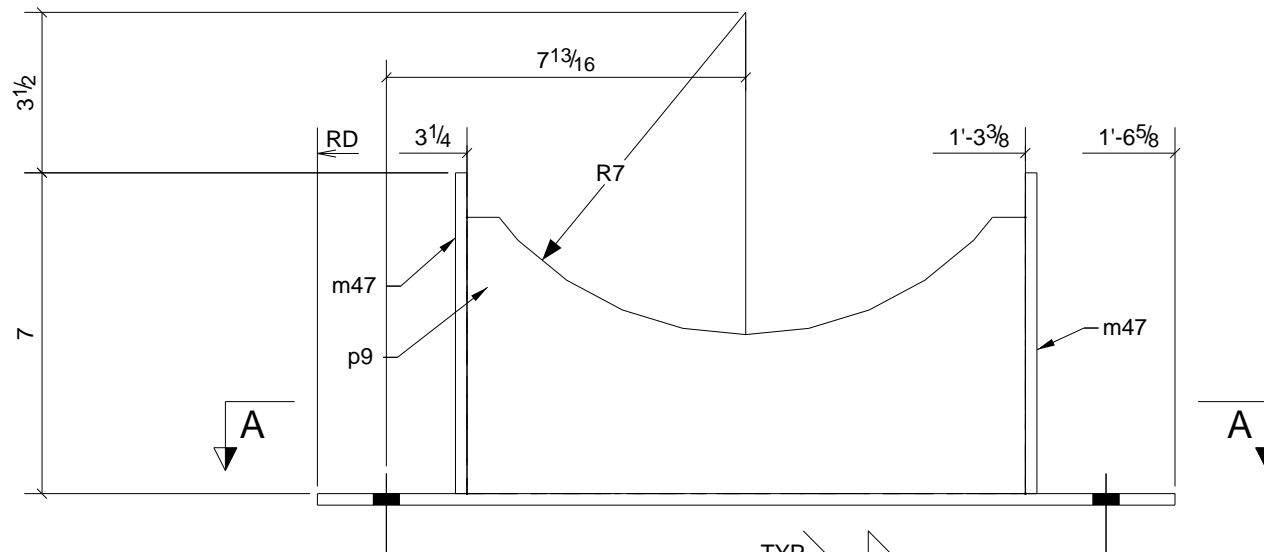
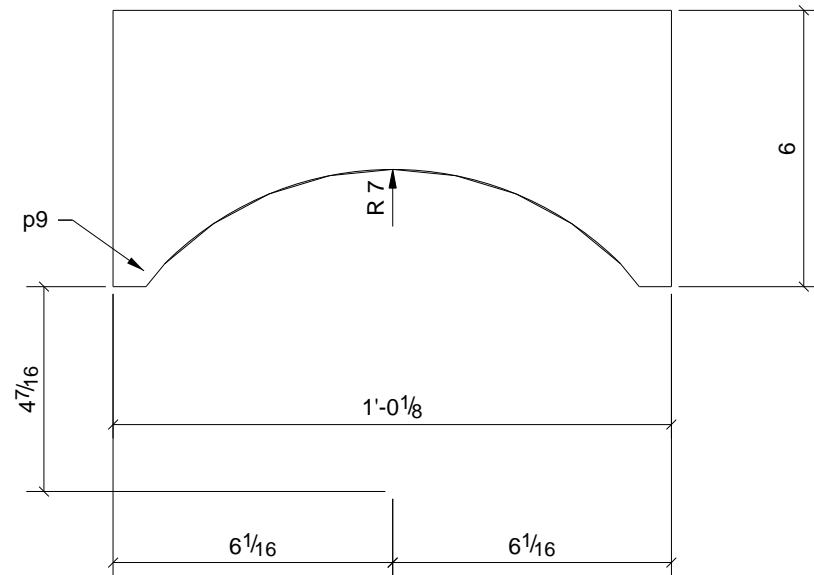


ONE - ANGLE BRACE - M12

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M12	1	L4X4X1/2	7'-9 3/16"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: ANGLE BRACE				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M12	1		

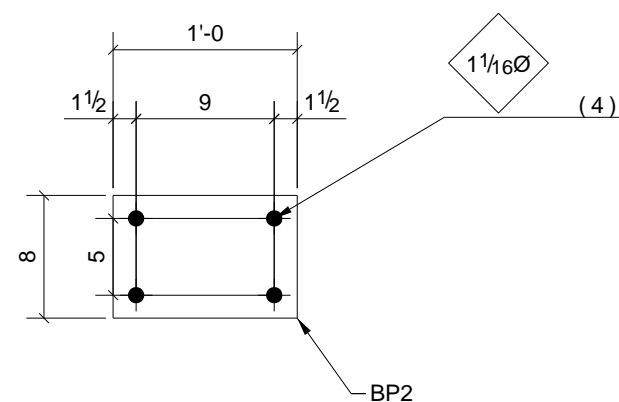
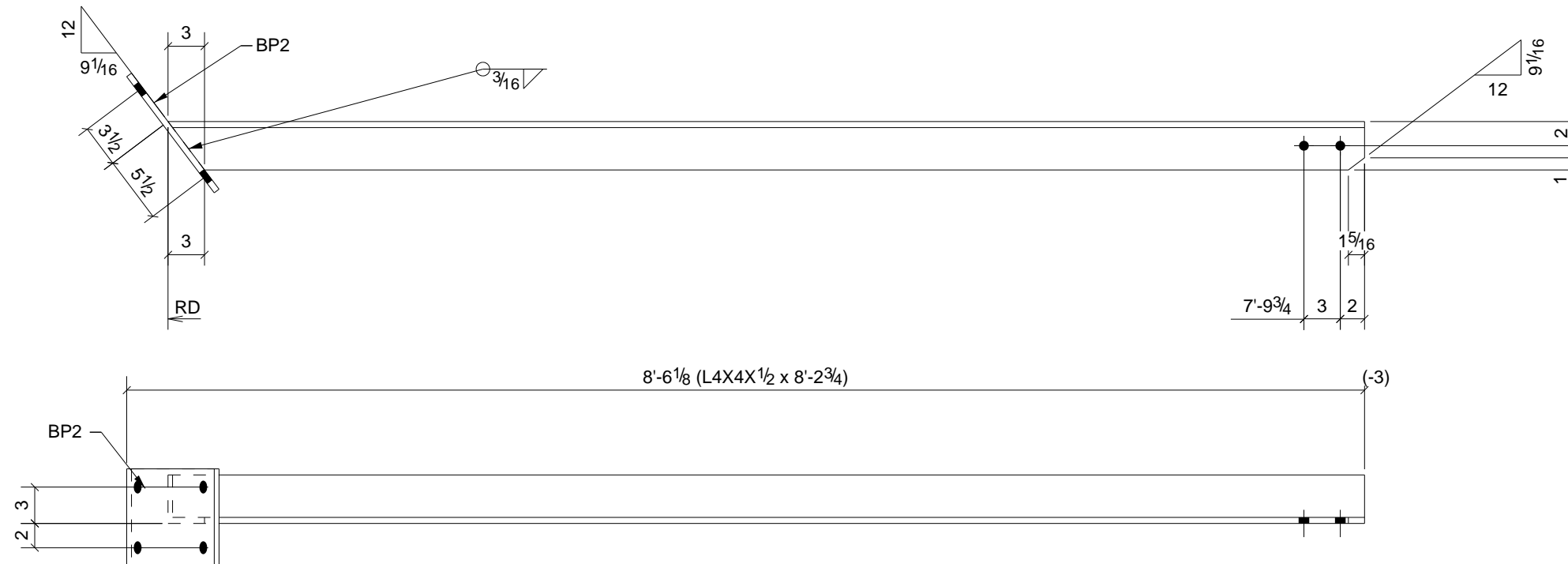


2 - AIR SUPP'T TYPE 8S - M62

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	M62	2	FL1/4"X8"	1'-6 5/8"	SQ-2 A304	
		4	FL1/4"X6"	0'-7"	m47	A304
		2	PL1/4"X6"	1'-0 1/8"	p9	A304

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
		SHOP		
MATERIAL: AS NOTED		ELECTRODES: E70xx LH		REF. DRG.
HOLES: 13/16 DIA. U/N		CONN'S.: 3/4"Ø A325-N-ST U.N.		
SURFACE PREP. PER SPECS		APPROVAL		
AND PAINT: PER SPECS				
DESCRIPTION:		PIPE SUPPORT TYPE 8		
PROJECT NAME		GREGG W.W.T.P.		
LOCATION		GREGG TWP.-UNION CO., PA		
CONTRACTOR		ZARTMAN		
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY		DATE
		TMc		08/03/2010
		CHKD. BY		DATE
		TMAC		
JOB No.		DRG. No.	REV.	
17-171-9		M62	1	

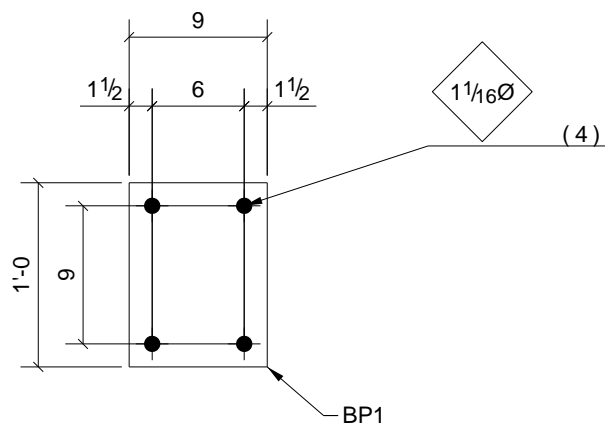
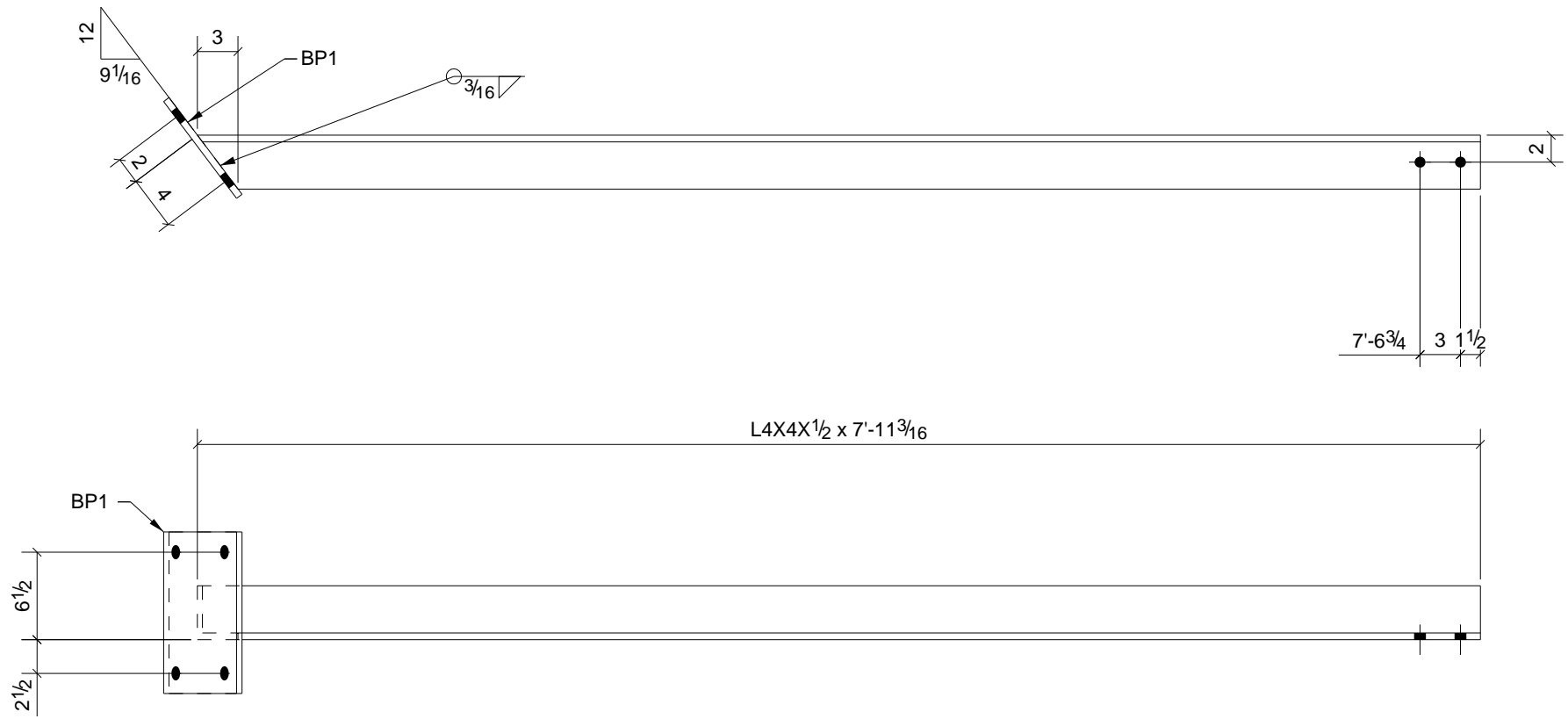


ONE - ANGLE BRACE - M64

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M64	1	L4X4X1/2	8'-2 3/4"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	FL1/2"X8"	1'-0"	BP2	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: ANGLE BRACE				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M64	1		

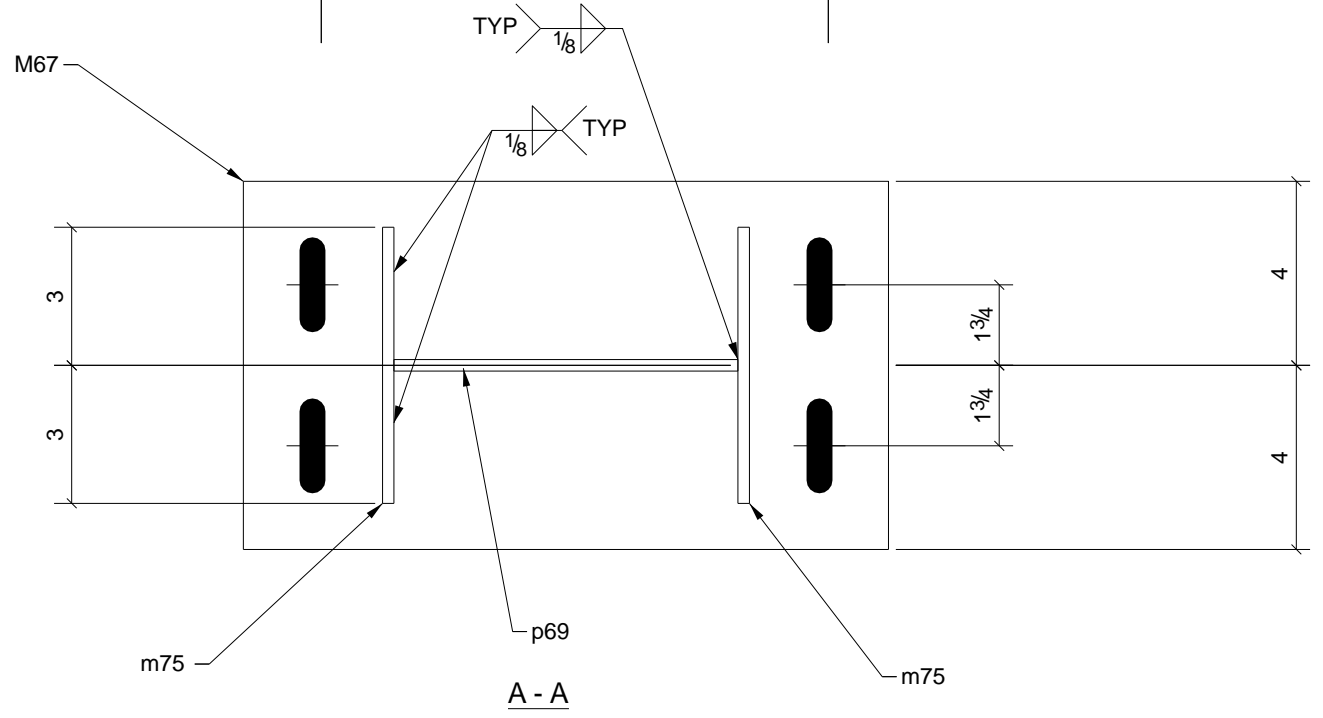
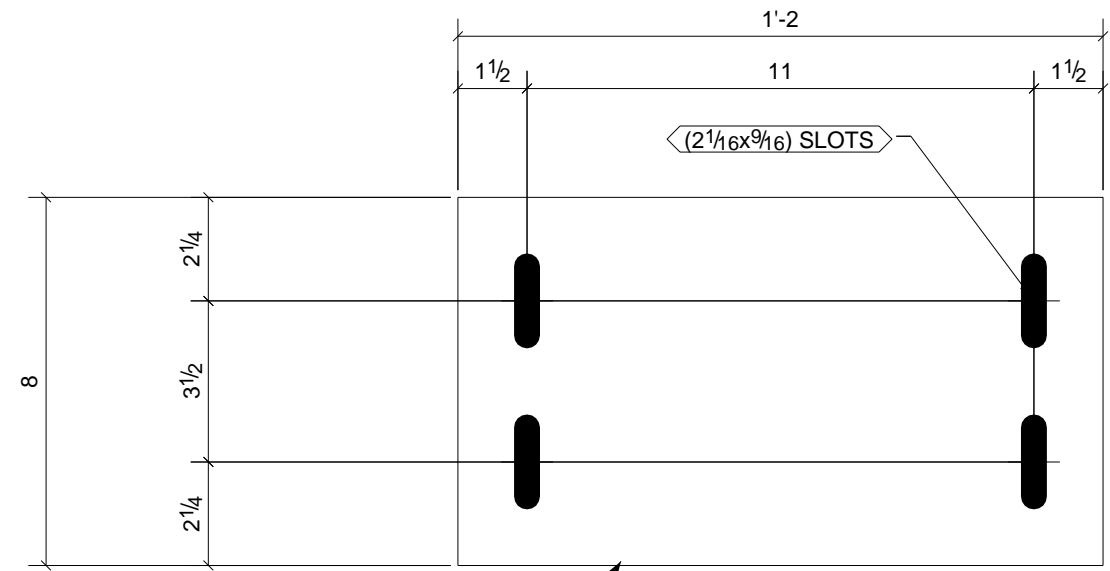
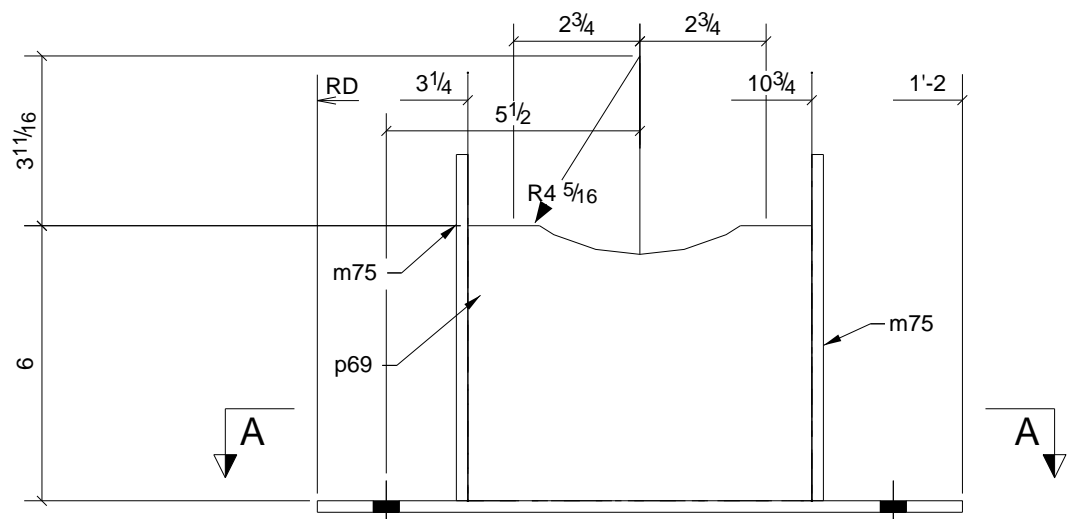
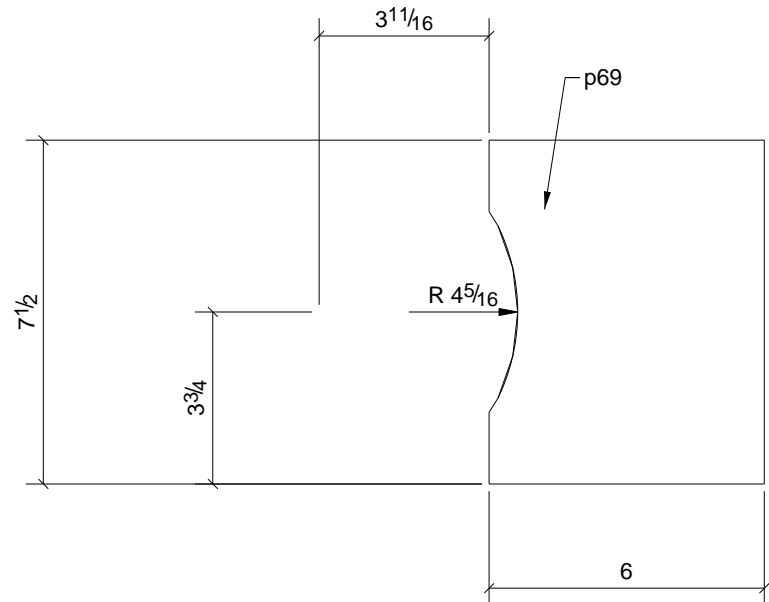


ONE - ANGLE BRACE - M66

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M66	1	L4X4X1/2	7'-11 3/16"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: ANGLE BRACE				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M66	1		

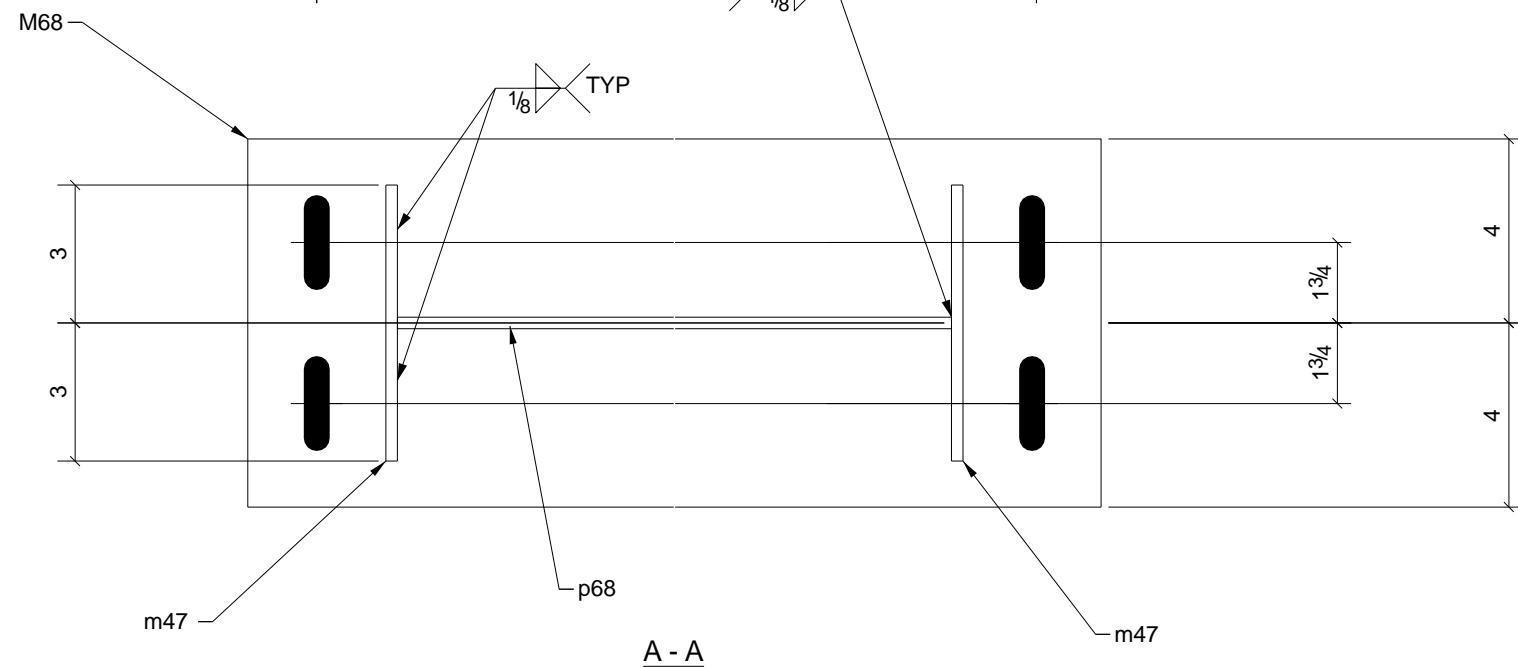
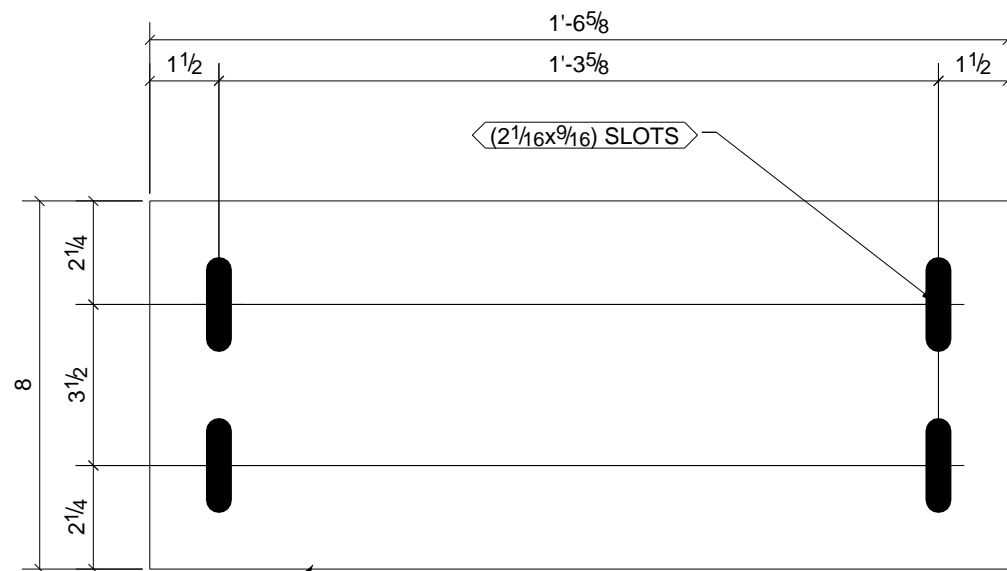
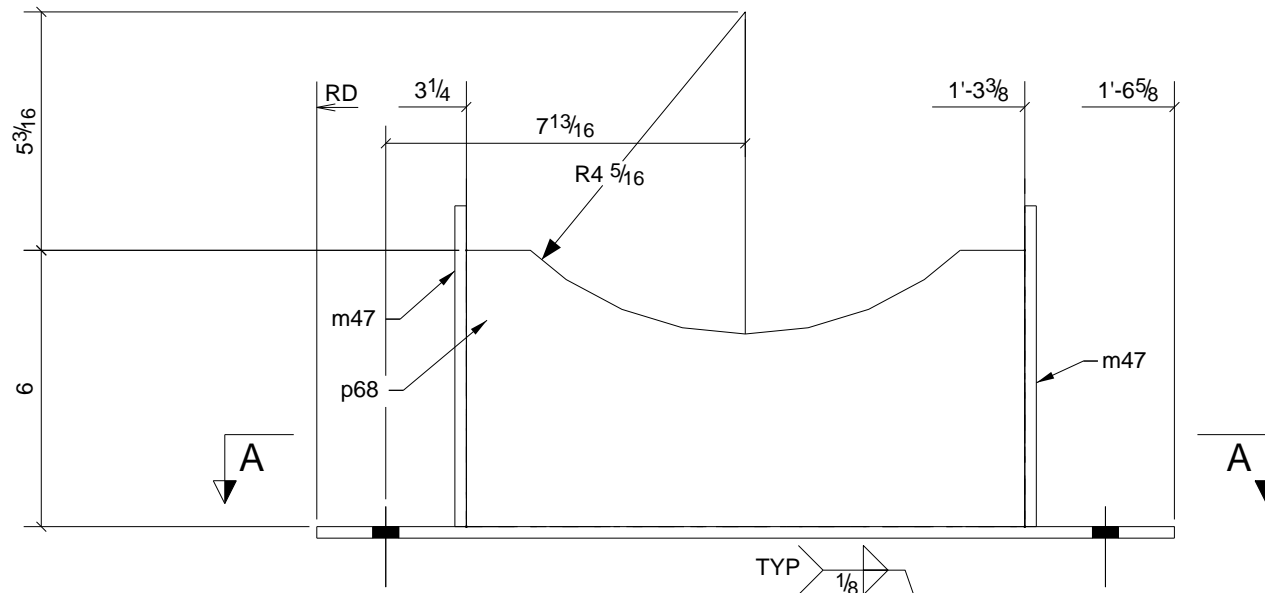
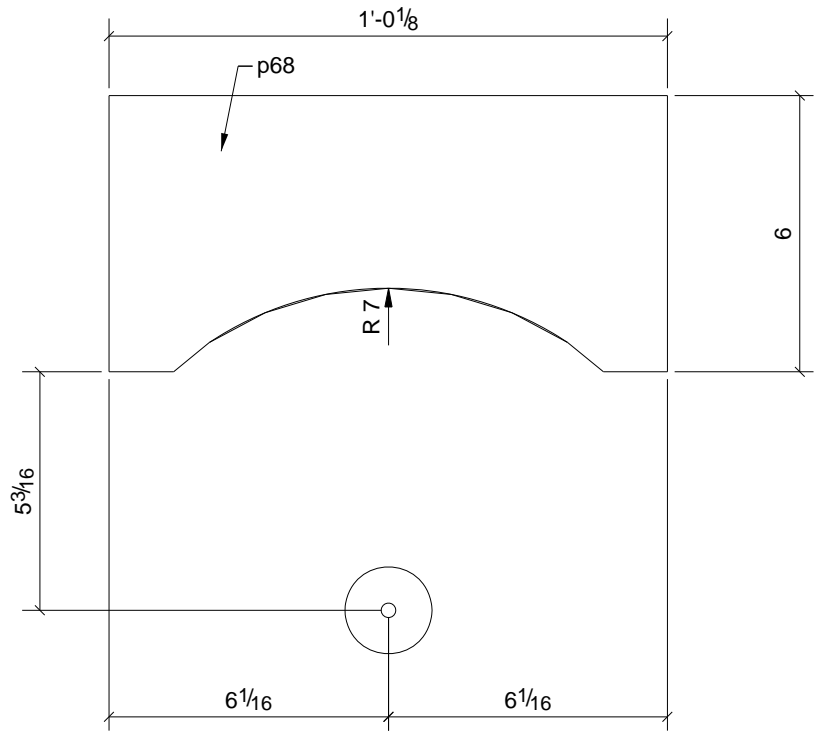


ONE - AIR SUPP'T TYPE 8 - M67

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M67	1	FL1/4"X8"	1'-2"		SQ-2 A304
		2	FL1/4"X6"	0'-7 1/2"	m75	A304
		1	PL1/4"X6"	0'-7 1/2"	p69	A304

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS		APPROVAL		
AND PAINT: PER SPECS				
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M67	1		



M68 FL 1/4" X 8"

ONE - AIR SUPP'T TYPE 8 - M68

BILL OF MATERIAL

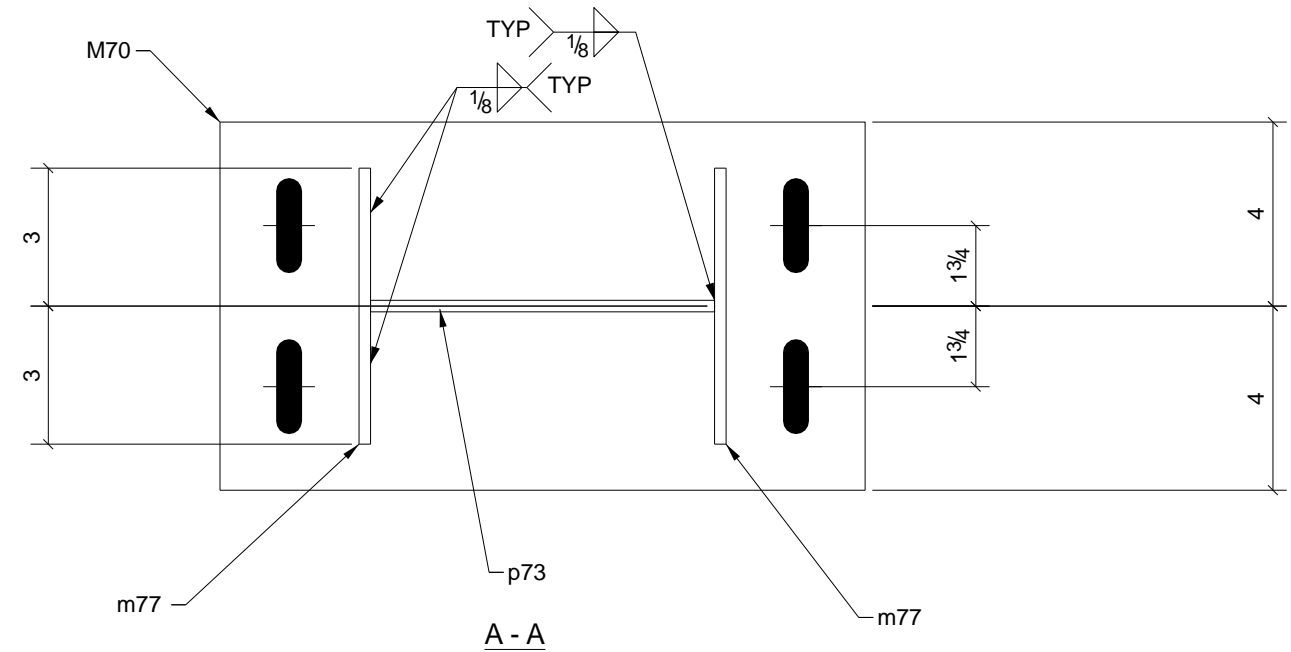
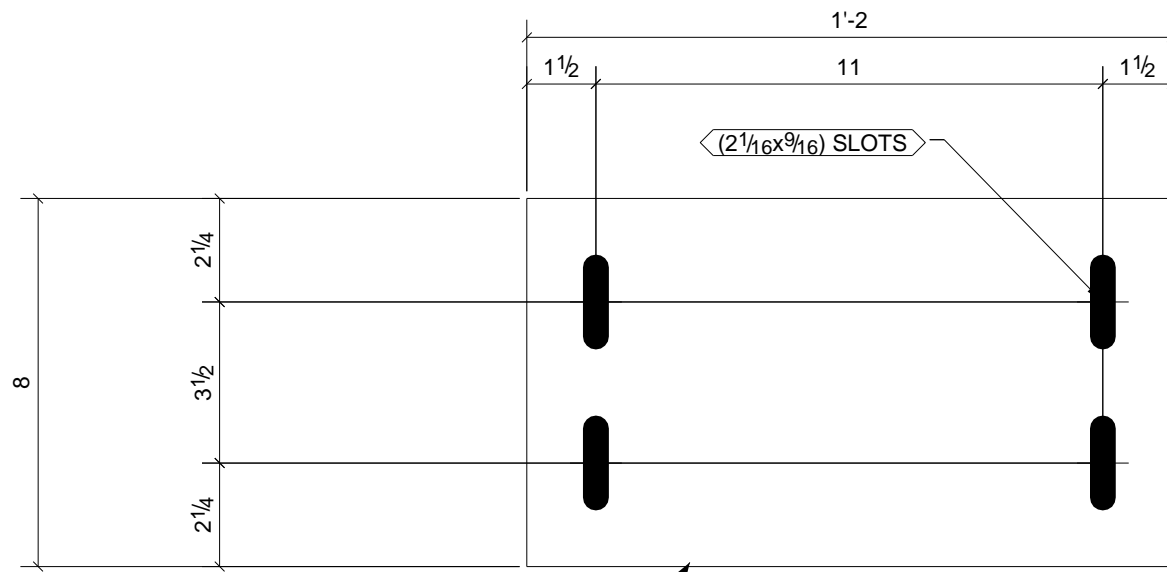
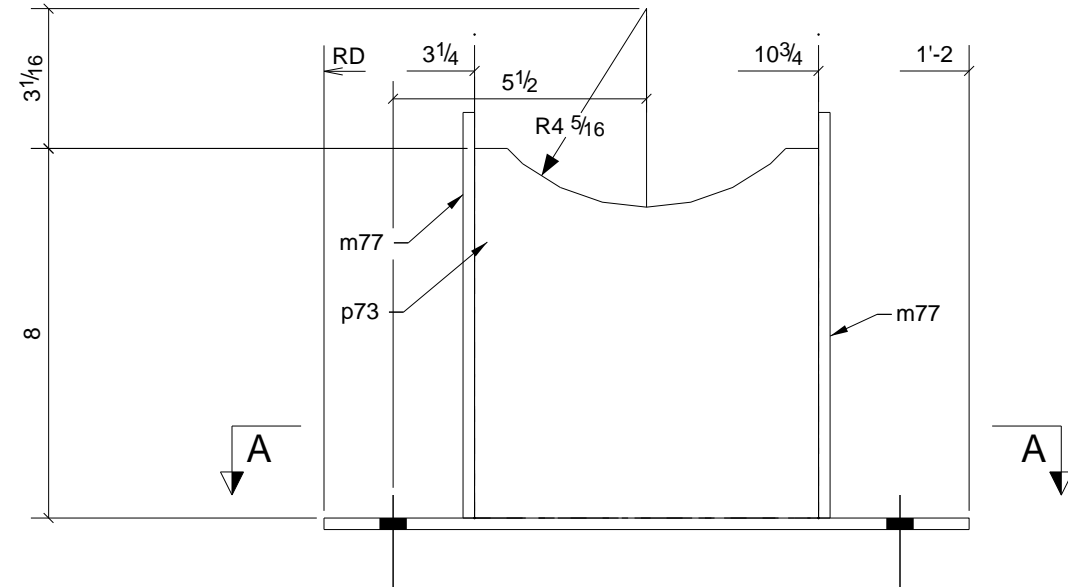
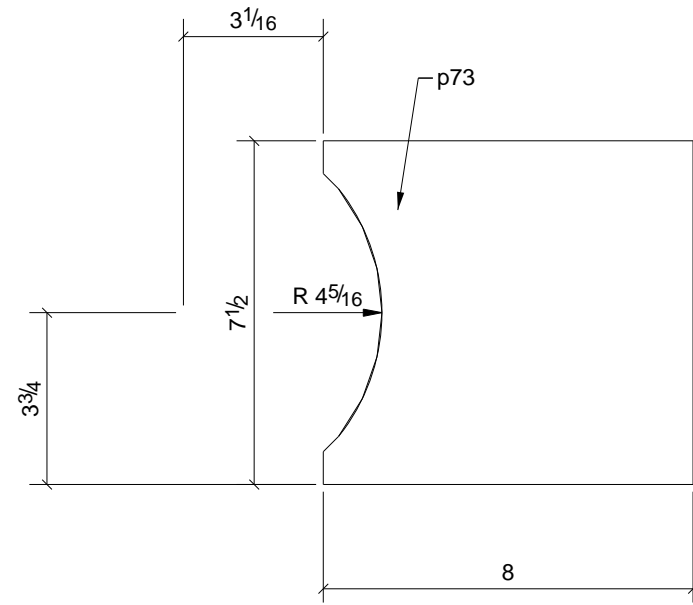
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M68	1	FL 1/4" X 8"	1'-6 5/8"	SQ-2 A304	
		2	FL 1/4" X 6"	0'-7"	m47 A304	
		1	PL 1/4" X 6"	1'-0 1/8"	p68 A304	

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK

GENERAL NOTES			JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4" Ø A325-N-ST U.N.		SHOP
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			APPROVAL

DESCRIPTION:	PIPE SUPPORT TYPE 8
PROJECT NAME	GREGG W.W.T.P.
LOCATION	GREGG TWP.-UNION CO., PA
CONTRACTOR	ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMc	08/03/2010
	CHKD. BY	DATE
	TMAC	
JOB No.	DRG. No.	REV.
17-171-9	M68	1

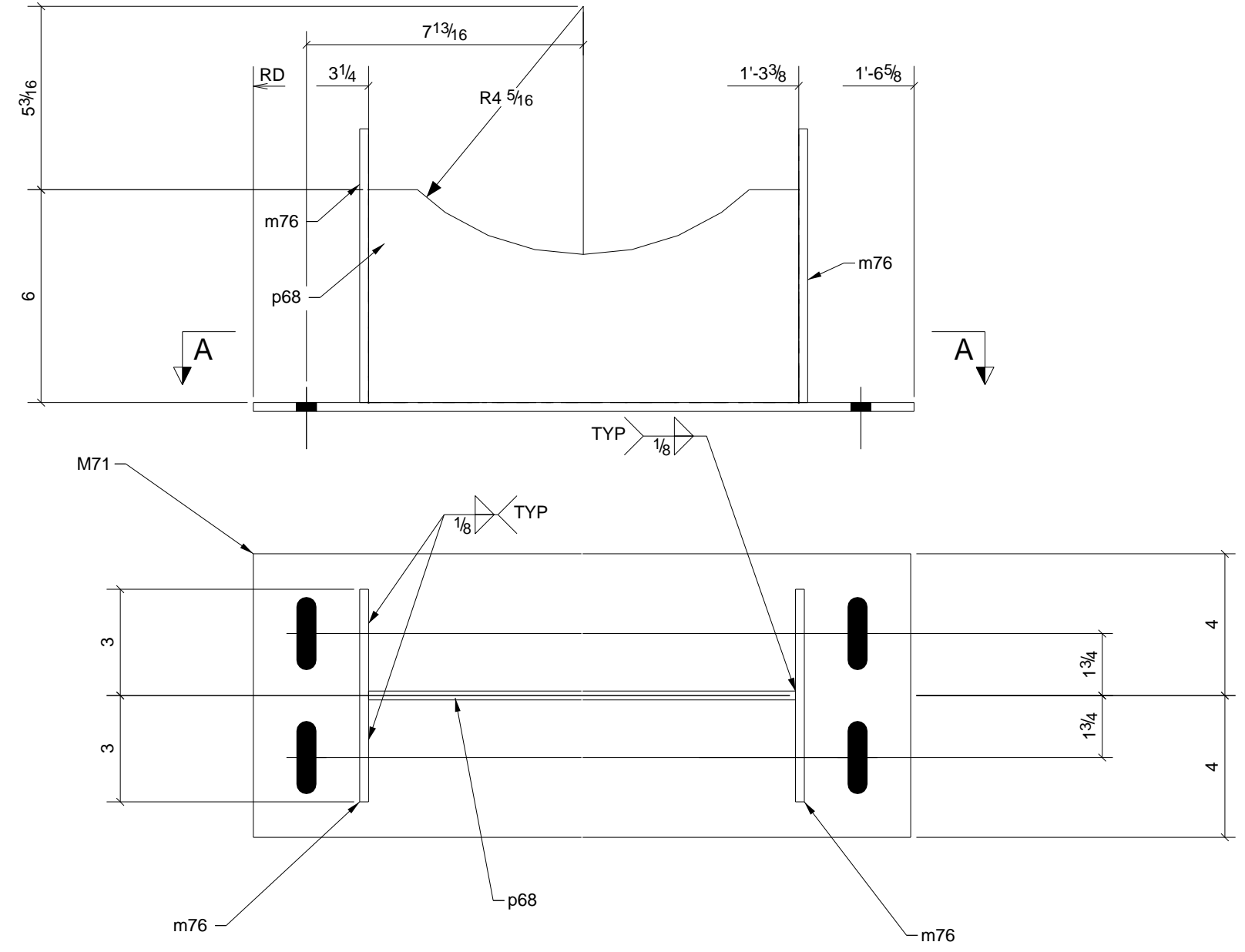
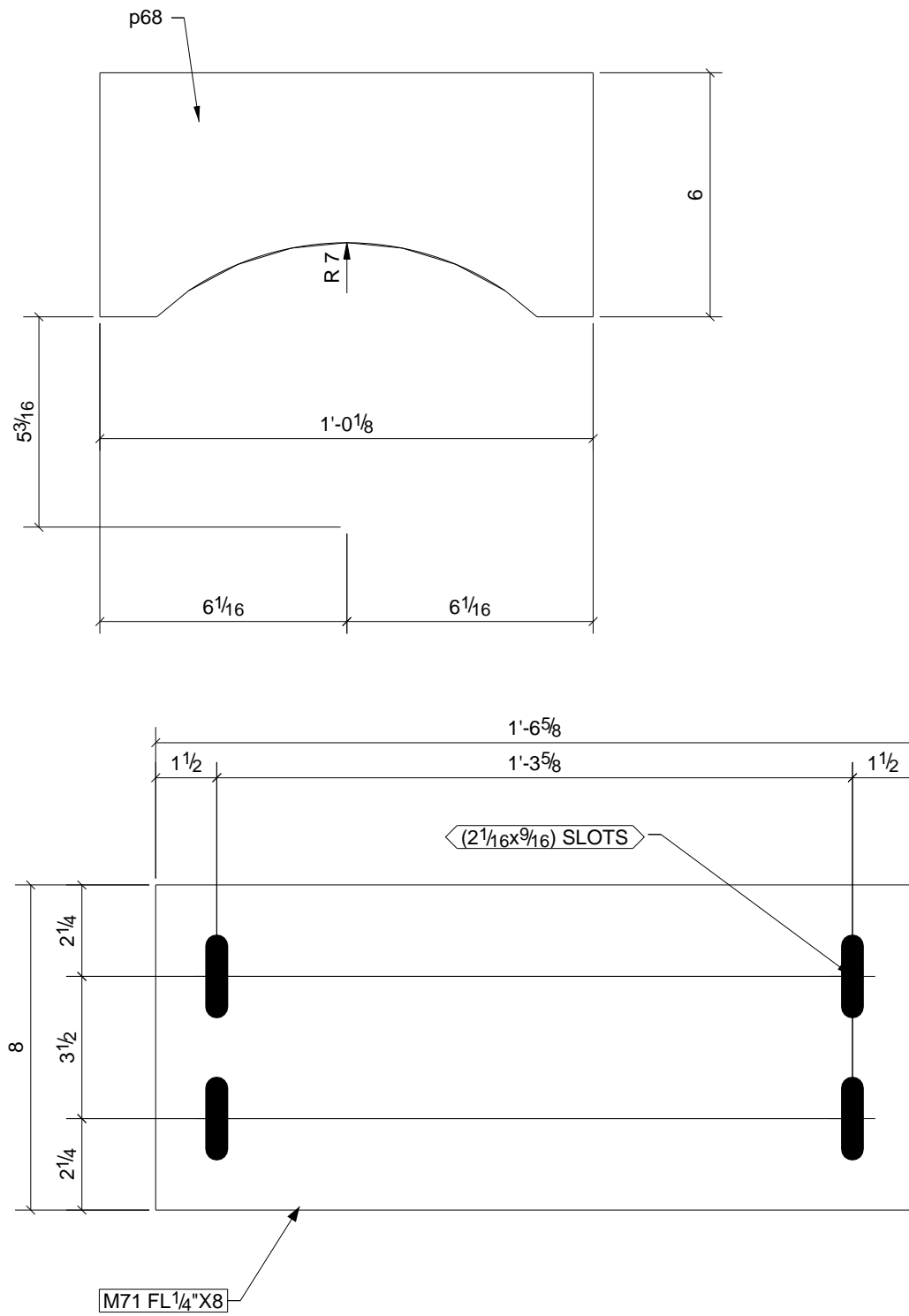


ONE - AIR SUPP'T TYPE 8 - M70

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M70	1	FL1/4"X8"	1'-2"	SQ-2 A304	
		2	FL1/4"X6"	0'-8 13/16"	m77 A304	
		1	PL1/4"X7 1/2"	0'-8"	p73 A304	

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS		APPROVAL		
AND PAINT: PER SPECS				
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M70	1		



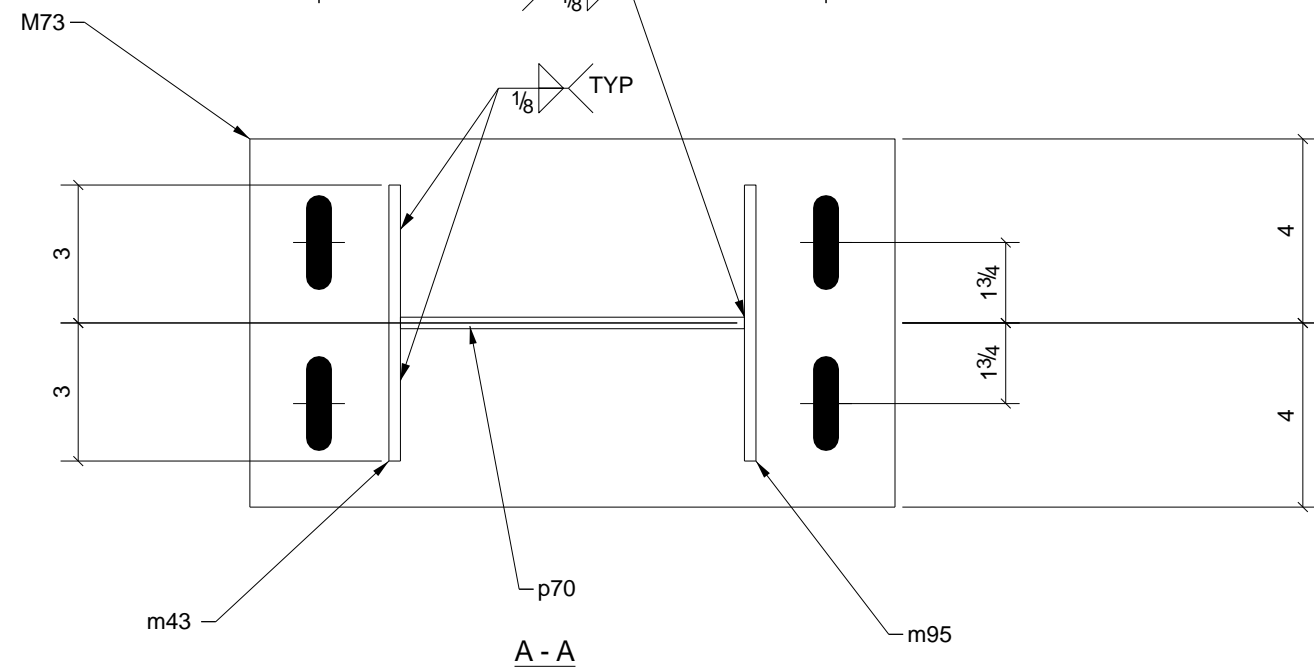
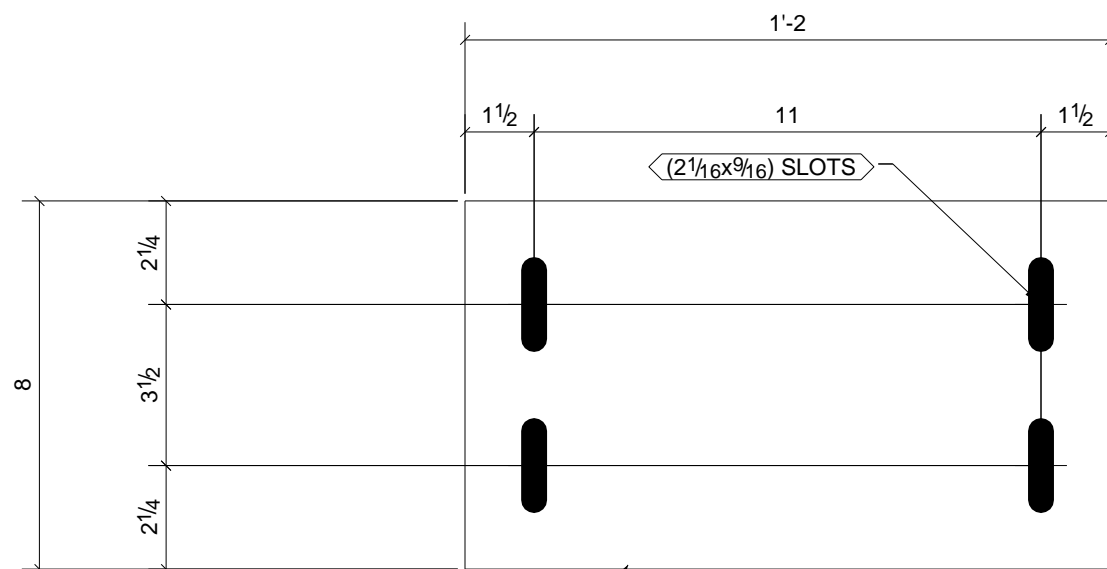
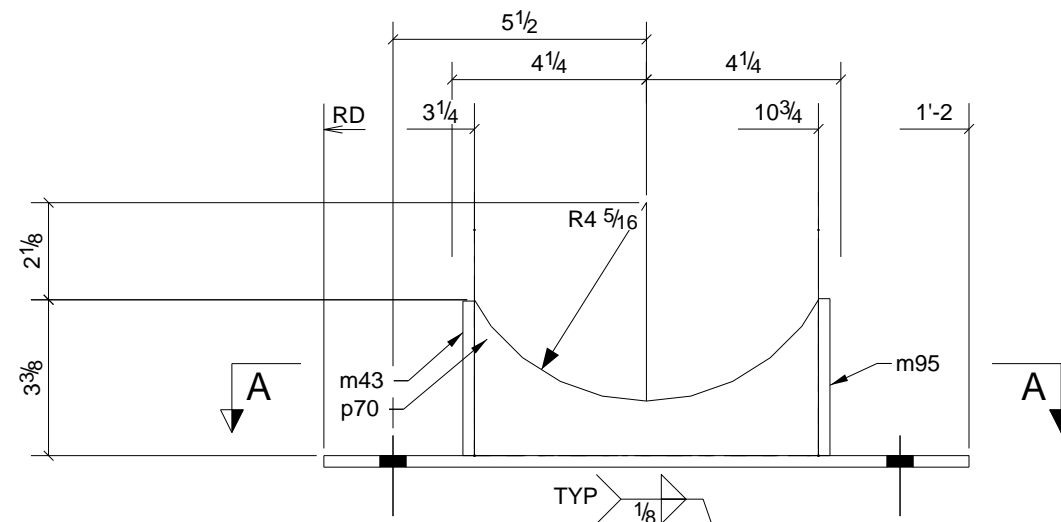
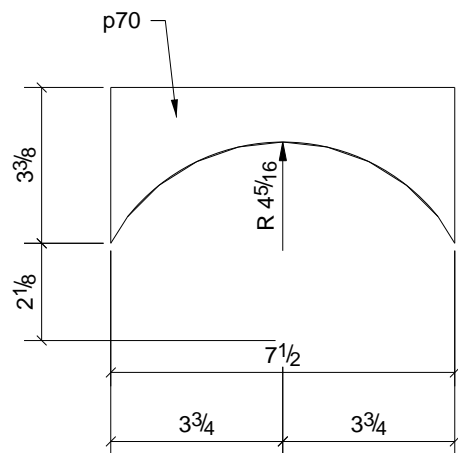
ONE - AIR SUPP'T TYPE 8 - M71

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M71	1	FL1/4"X8"	1'-6 5/8"	SQ-2 A304	
		2	FL1/4"X6"	0'-7 3/4"	m76	A304
		1	PL1/4"X6"	1'-0 1/8"	p68	A304

A - A

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p>A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M71	1		



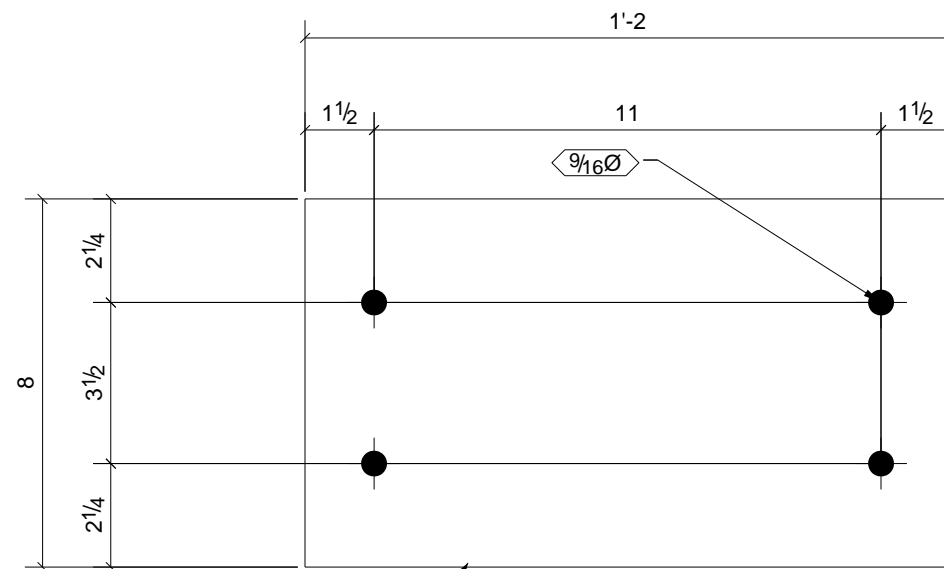
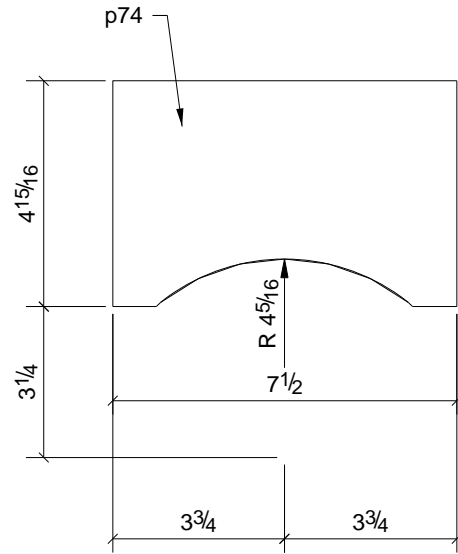
M73 FL 1/4" X 8"

ONE - AIR SUPP'T TYPE 8 - M73

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M73	1	FL 1/4" X 8"	1'-2"		SQ-2 A304
		1	BAR 1/4" X 3 3/8"	0'-6"	m43	A304
		1	BAR 1/4" X 3 7/16"	0'-6"	m95	A304
		1	PL 1/4" X 3 3/8"	0'-7 1/2"	p70	A304

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4" Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M73	1		

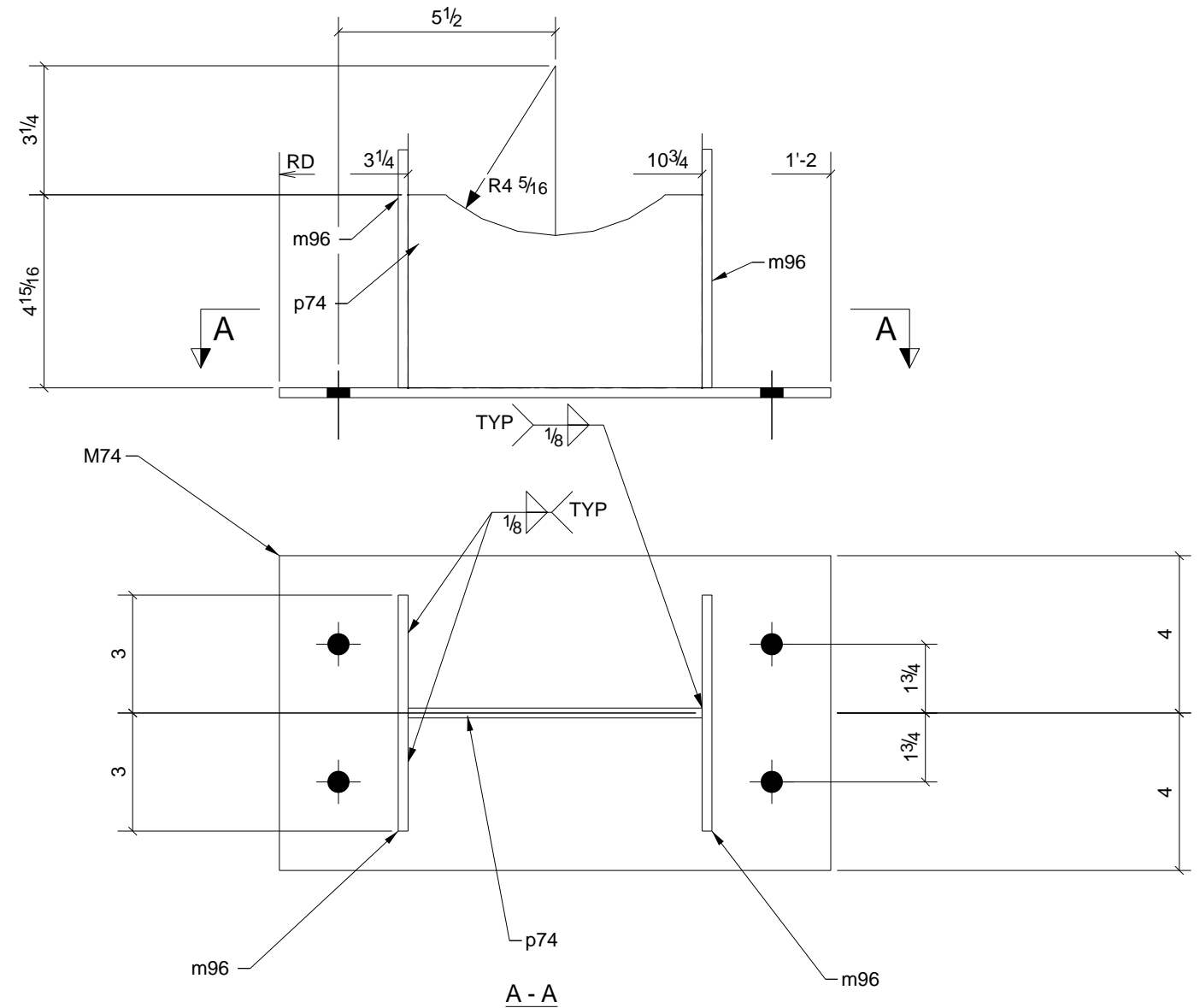


M74 FL 1/4"X8

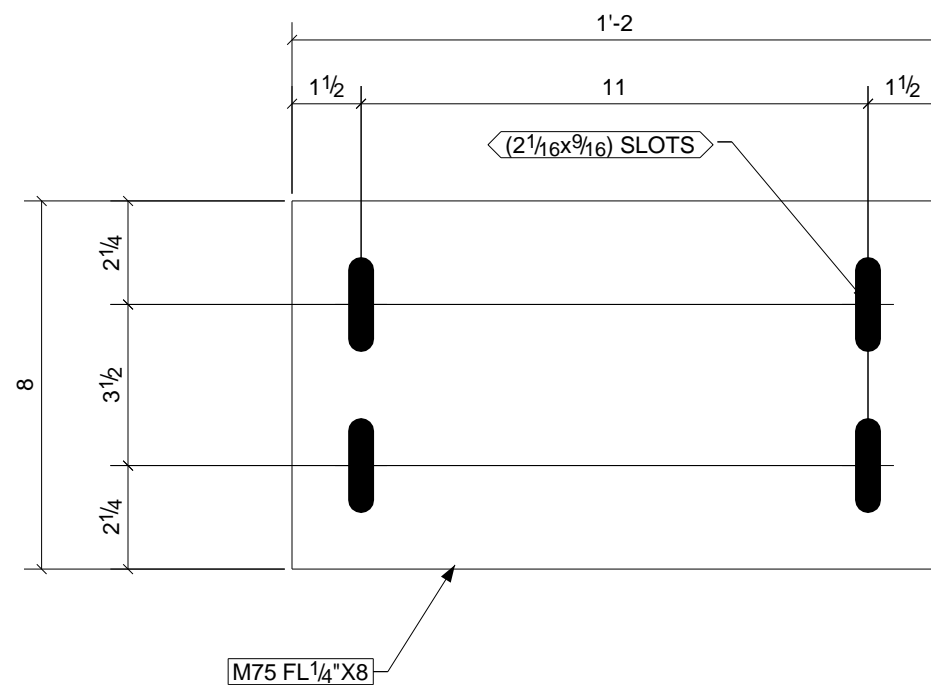
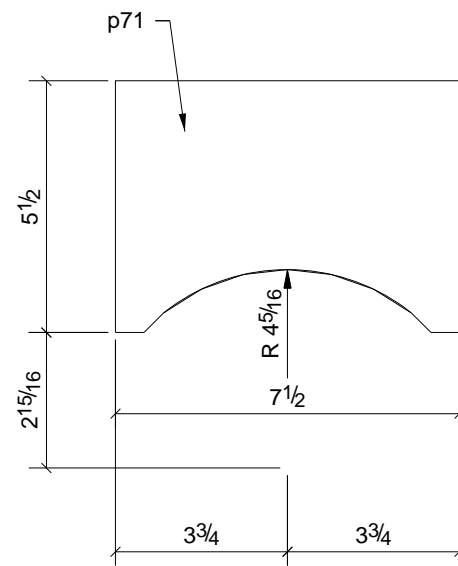
ONE - AIR SUPP'T TYPE 8 - M74

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M74	1	FL1/4"X8"	1'-2"	SQ-2 A304	
		2	FL1/4"X6"	0'-6 1/16"	m96	A304
		1	PL1/4"X4 15/16"	0'-7 1/2"	p74	A304



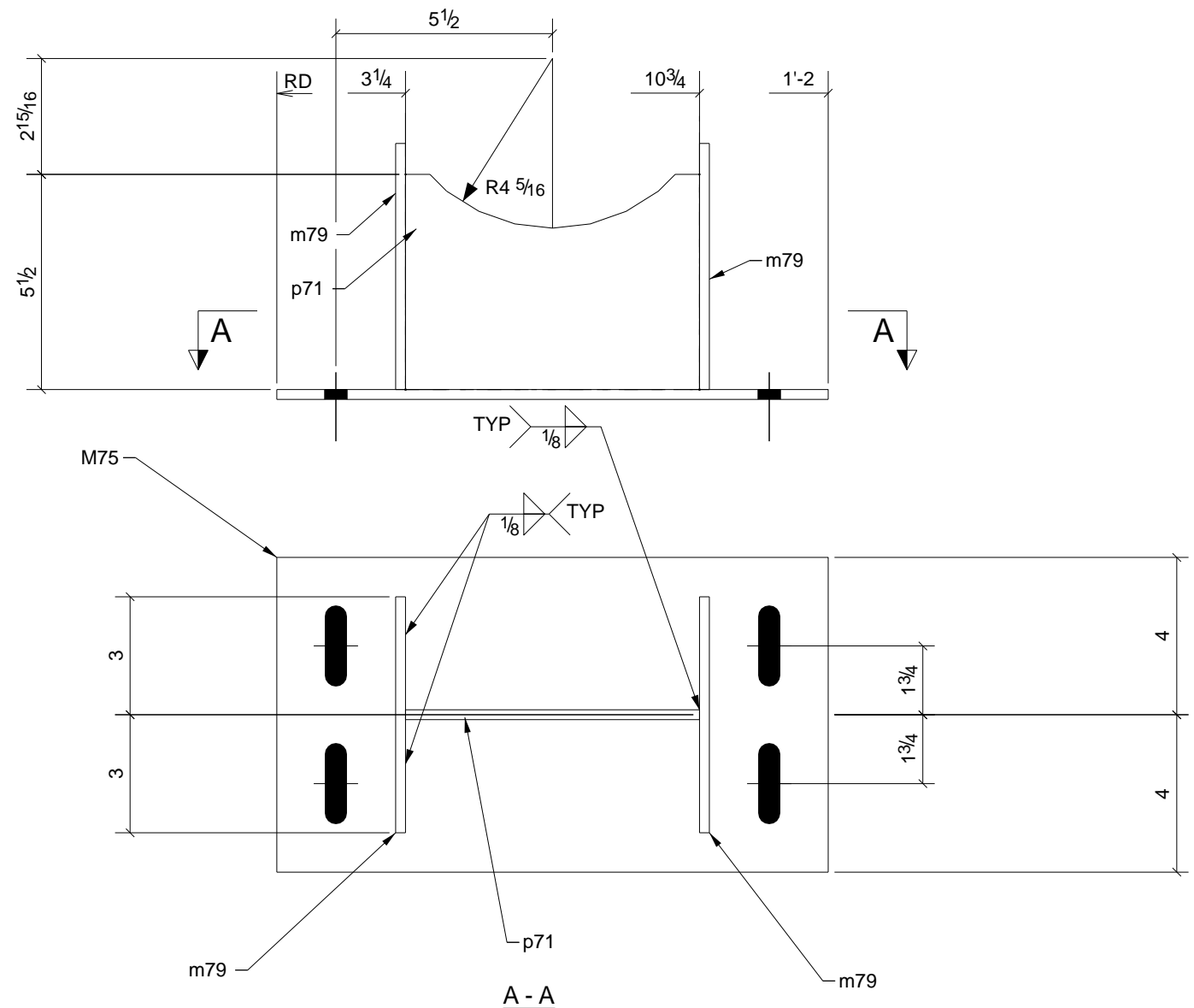
B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY TMc		DATE 08/03/2010
		CHKD. BY TMAC		DATE
		JOB No. 17-171-9	DRG. No. M74	REV. 1



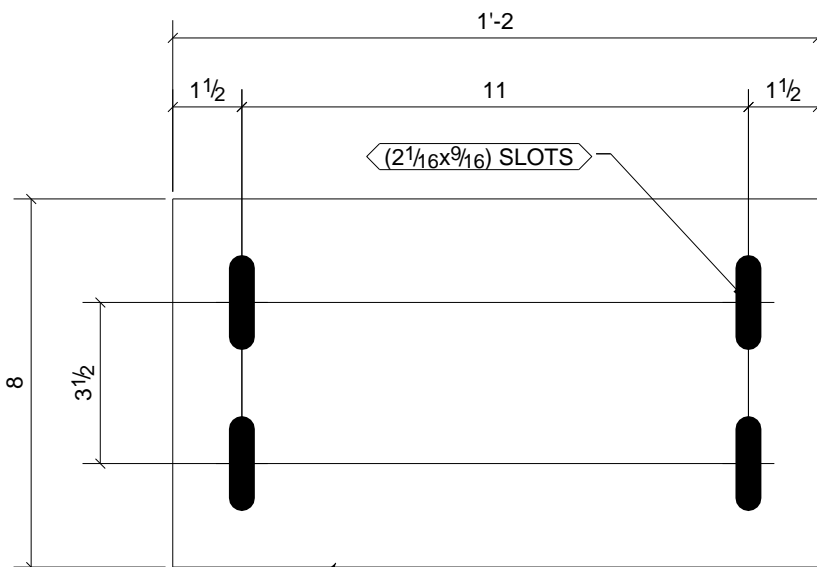
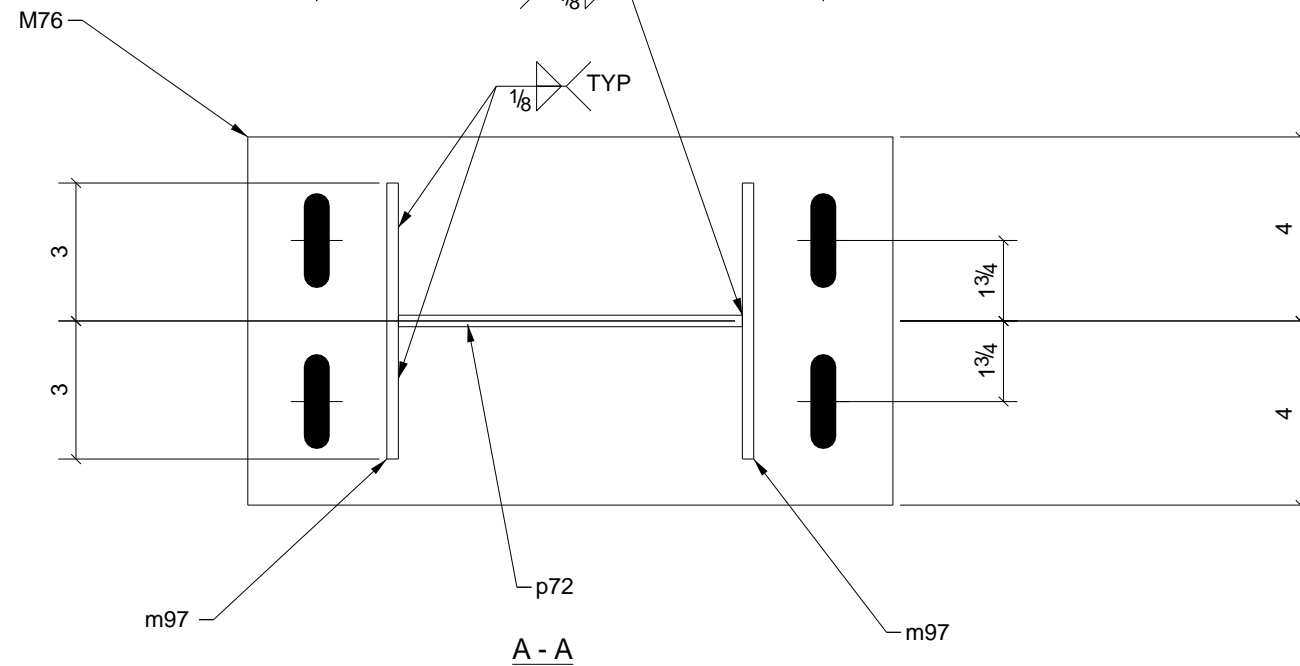
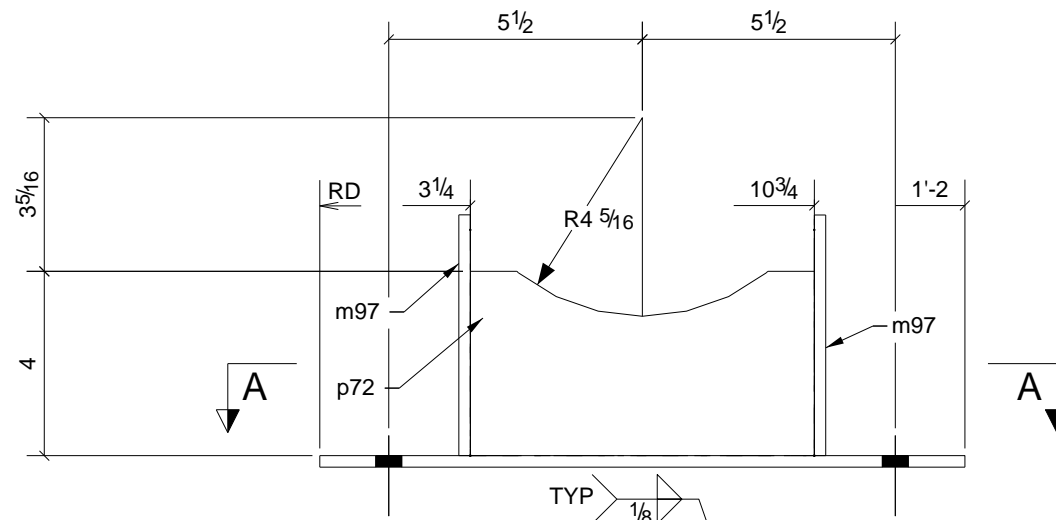
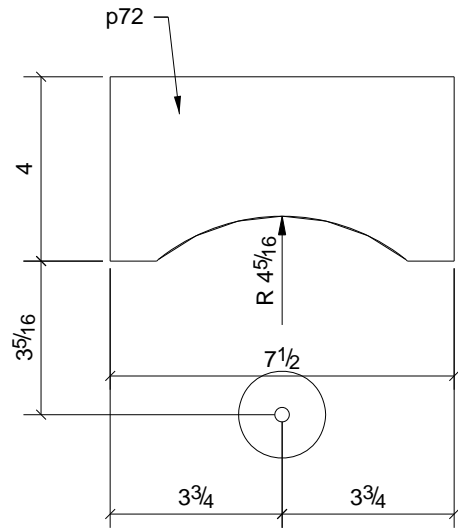
ONE - AIR SUPP'T TYPE 8 - M75

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M75	1	FL1/4"X8"	1'-2"		SQ-2 A304
		2	FL1/4"X6"	0'-6 1/4"	m79	A304
		1	PL1/4"X5 1/2"	0'-7 1/2"	p71	A304



B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY TMc	DATE 08/03/2010	
		CHKD. BY TMAC	DATE	
		JOB No. 17-171-9	DRG. No. M75	REV. 1



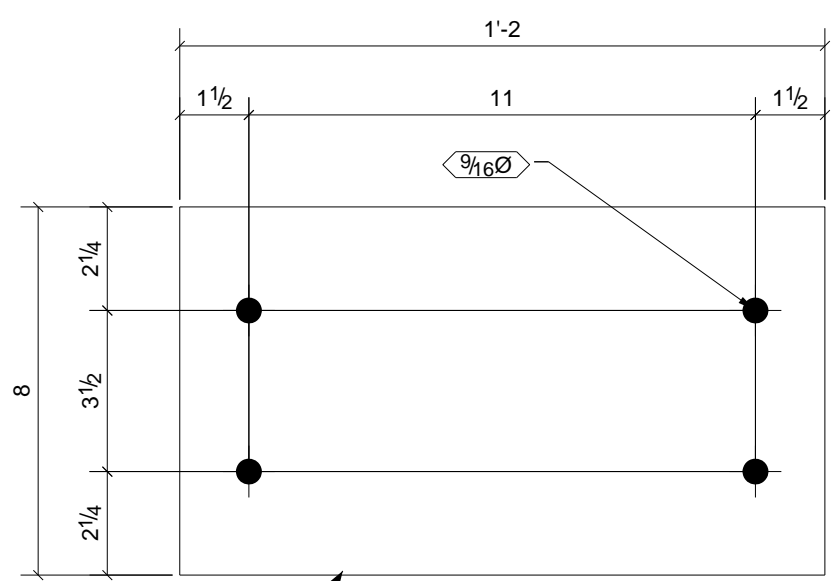
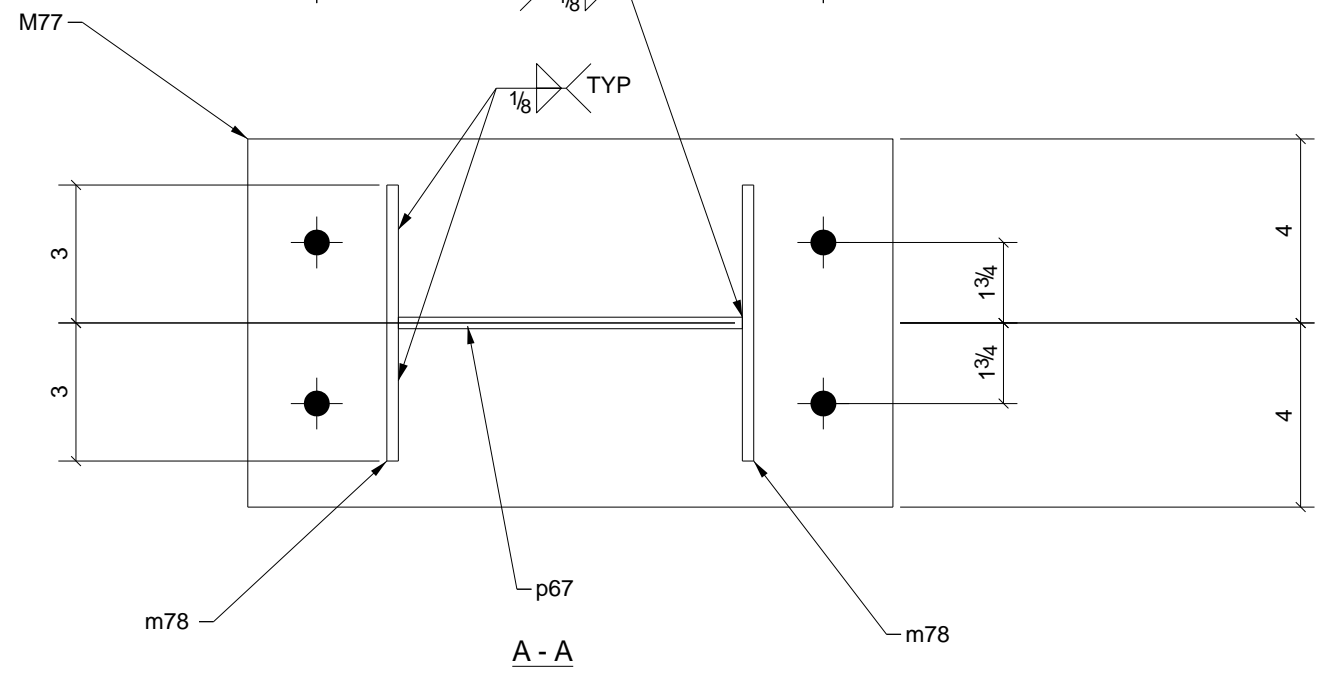
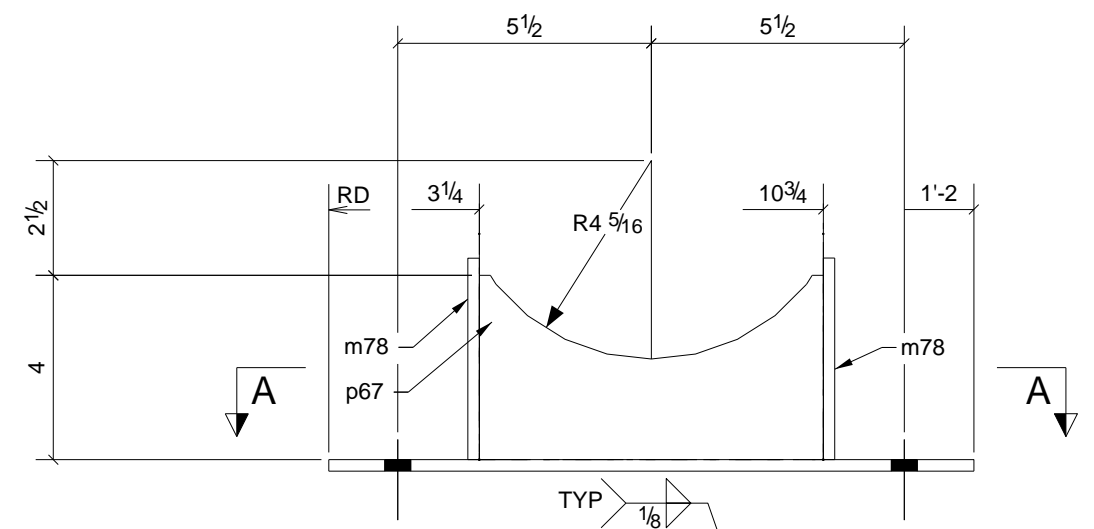
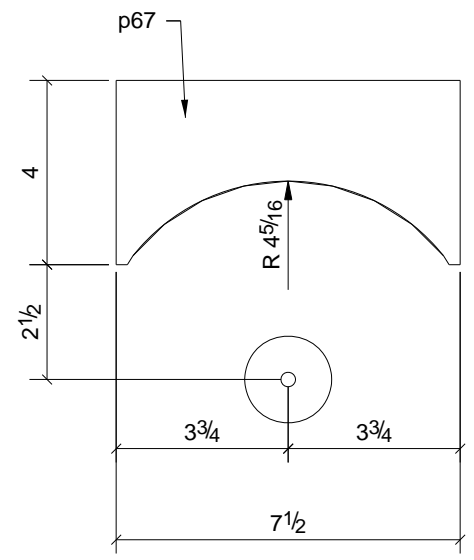
M76 FL 1/4" X 8"

ONE - AIR SUPP'T TYPE 8 - M76

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M76	1	FL 1/4" X 8"	1'-2"		SQ-2 A304
		2	BAR 1/4" X 5 1/4"	0'-6"	m97	A304
		1	PL 1/4" X 4"	0'-7 1/2"	p72	A304

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4" Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY TMc		DATE 08/03/2010
		CHKD. BY TMAC		DATE
		JOB No. 17-171-9	DRG. No. M76	REV. 1



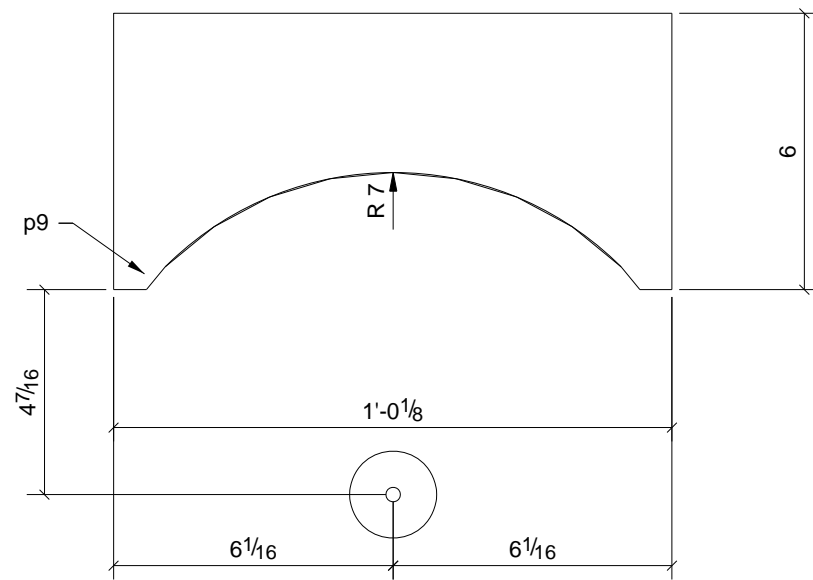
M77 FL 1/4" X 8"

ONE - AIR SUPP'T TYPE 8 - M77

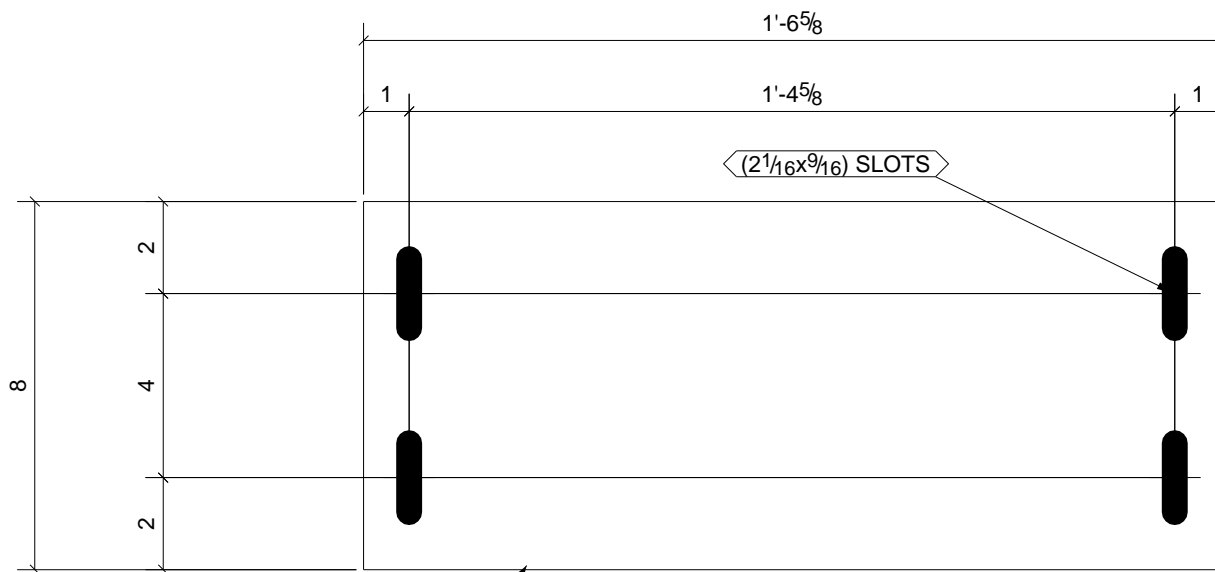
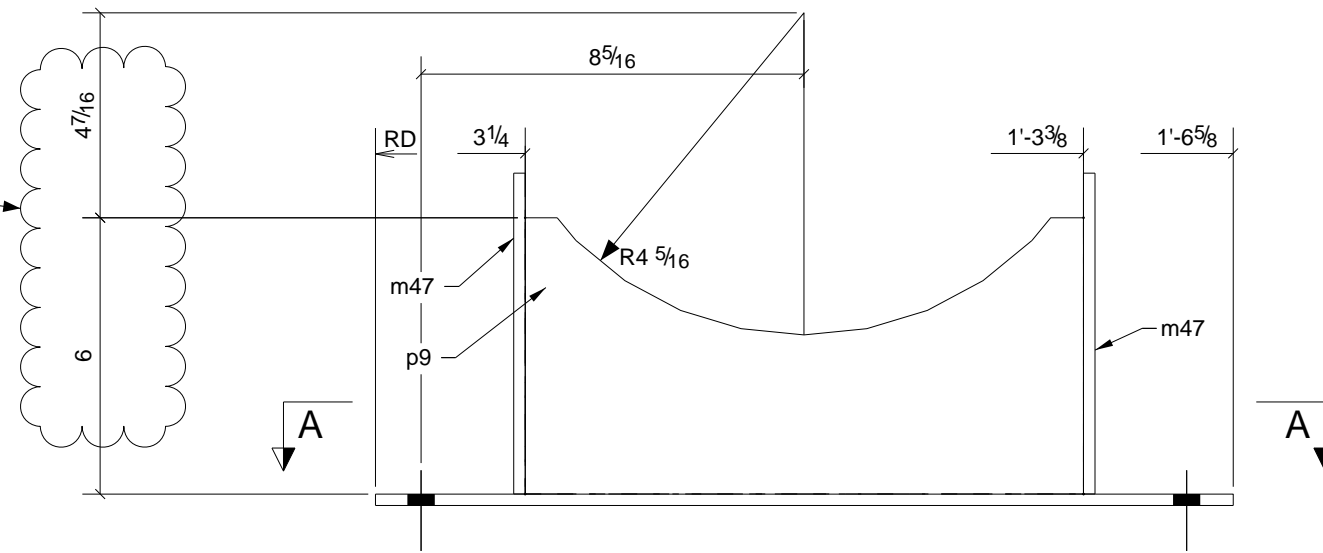
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M77	1	FL 1/4" X 8"	1'-2"		SQ-2 A304
		2	BAR 1/4" X 4 3/8"	0'-6"	m78	A304
		1	PL 1/4" X 4"	0'-7 1/2"	p67	A304

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4" Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY TMc		DATE 08/03/2010
		CHKD. BY TMAC		DATE
		JOB No. 17-171-9	DRG. No. M77	REV. 1



CONTRACTOR VERIFY WITH PLACEMENT OF 14" AIRLINES OUTSIDE OF BLOWER BUILDING

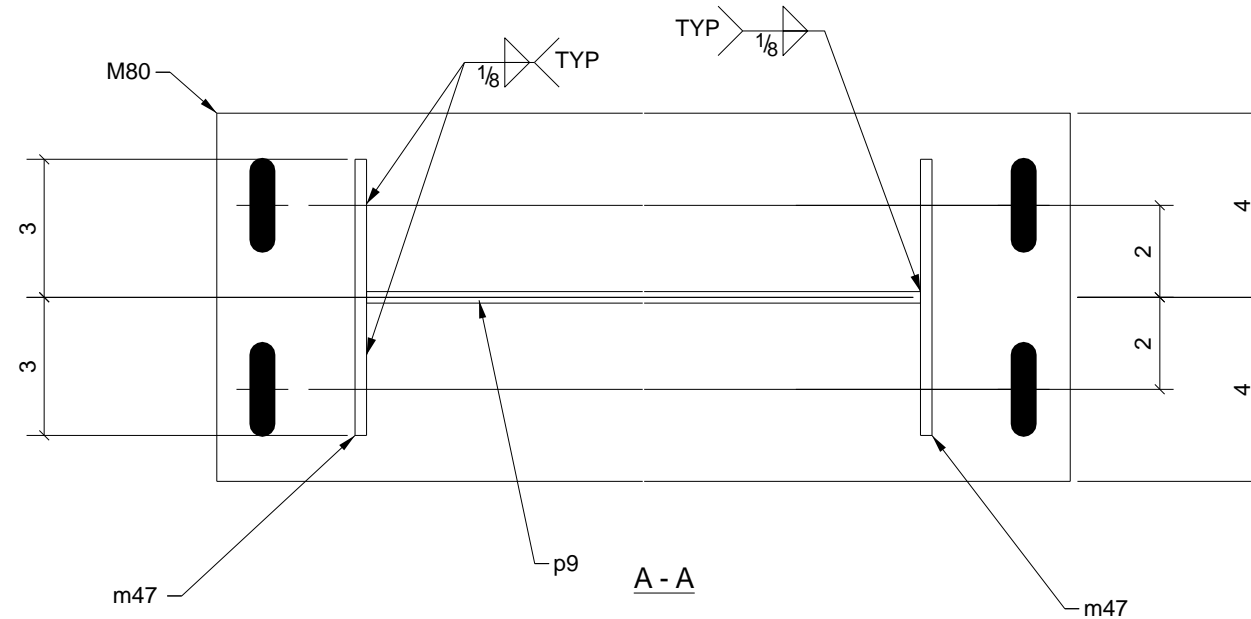


M80 FL 1/4"X8

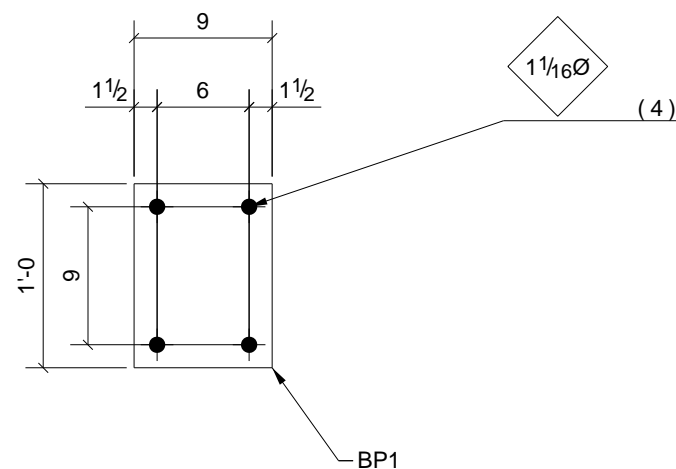
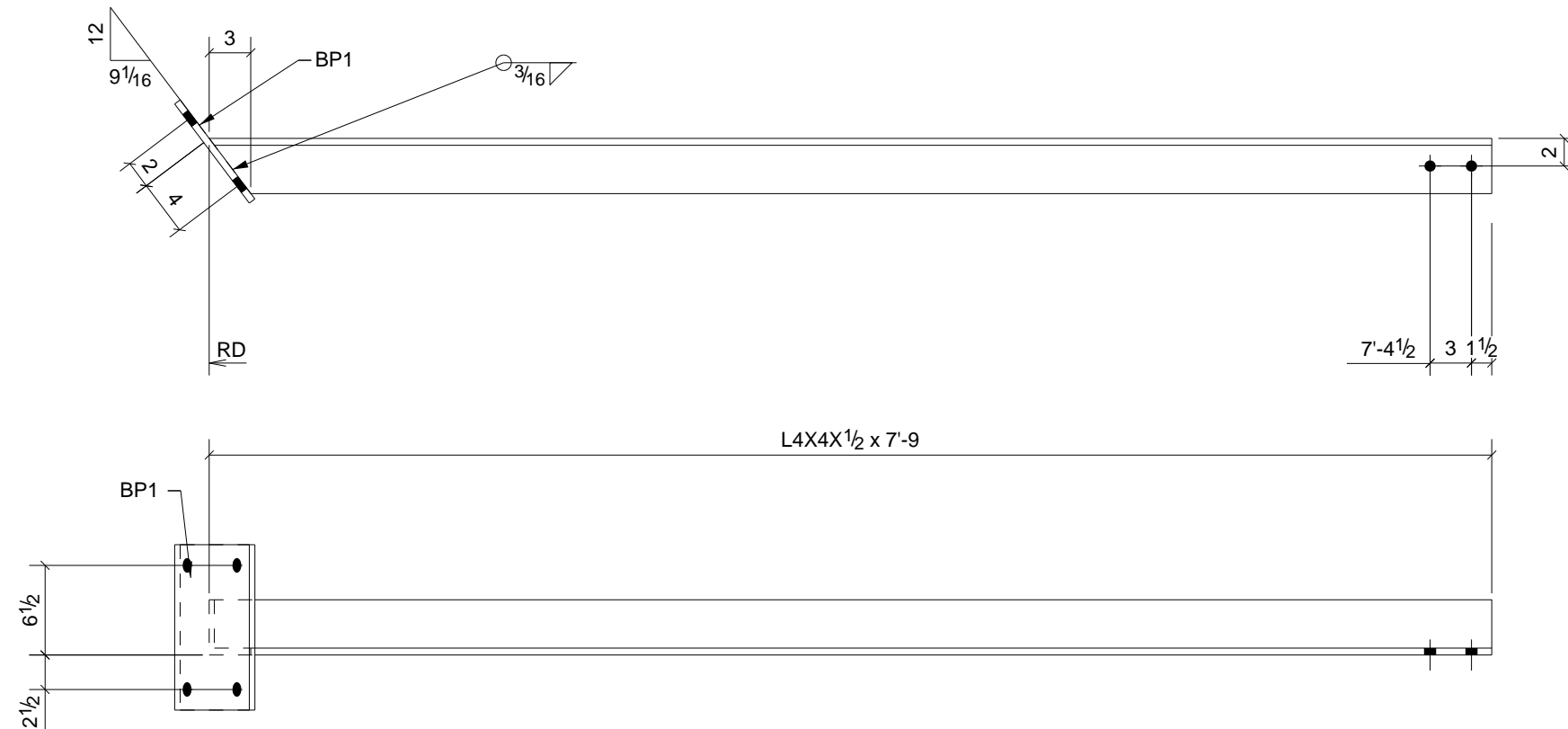
4 - AIR SUPP'T TYPE 8S - M80

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
4	M80	4	FL 1/4"X8"	1'-6 5/8"	SQ-2 A304	
		8	FL 1/4"X6"	0'-7"	m47	A304
		4	PL 1/4"X6"	1'-0 1/8"	p9	A304



B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M80	1		

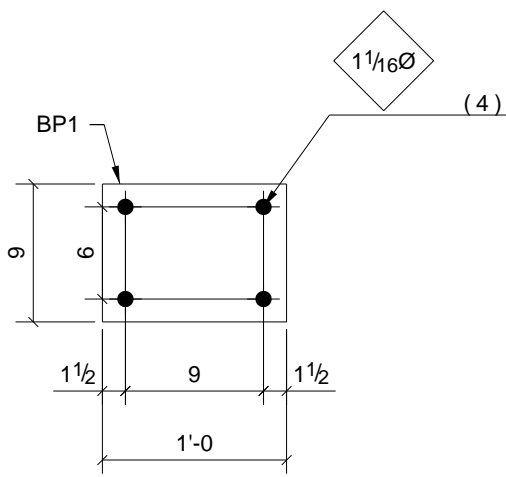
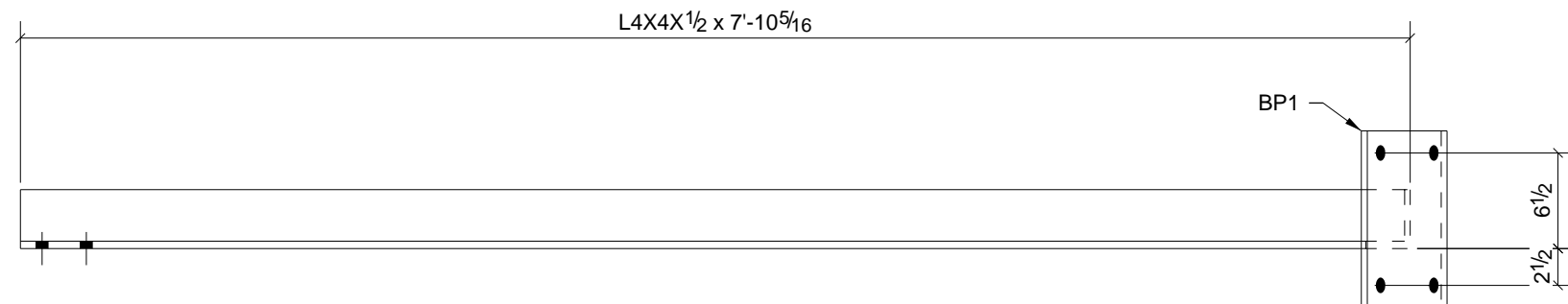


ONE - ANGLE BRACE - M87

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M87	1	L4X4X1/2	7'-9"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: ANGLE BRACE				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p>A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M87	1		

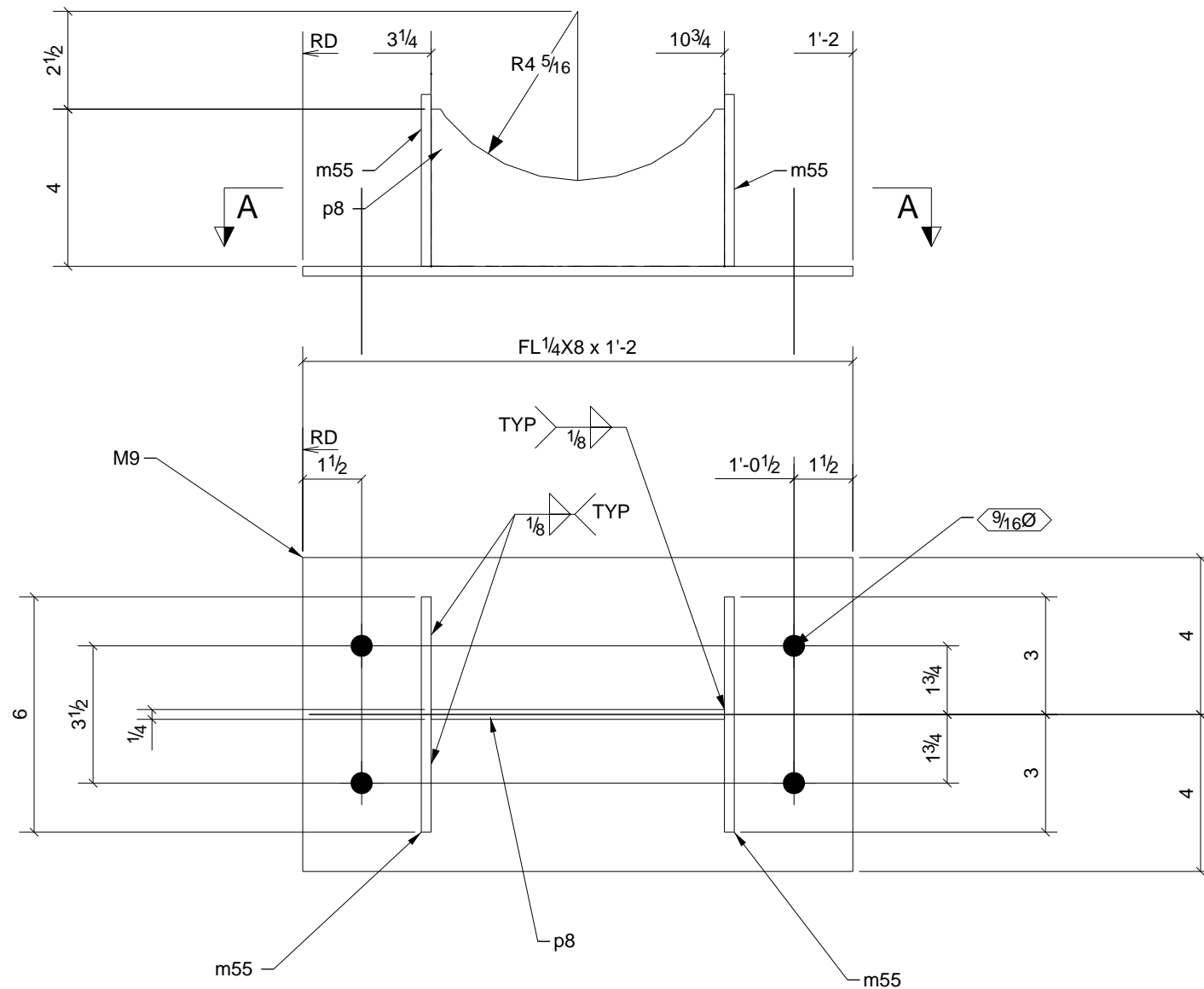
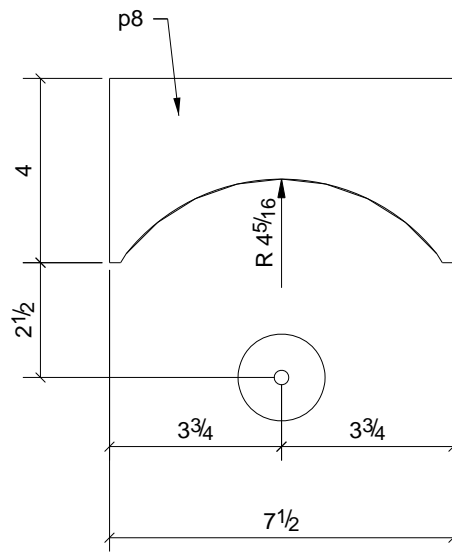


ONE - ANGLE BRACE - M89

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M89	1	L4X4X1/2	7'-10 5/16"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: ANGLE BRACE				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M89	1		



A - A

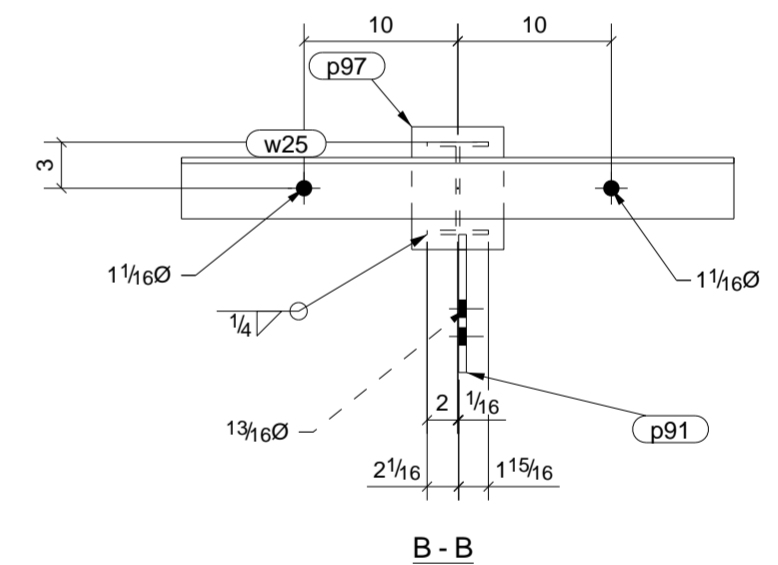
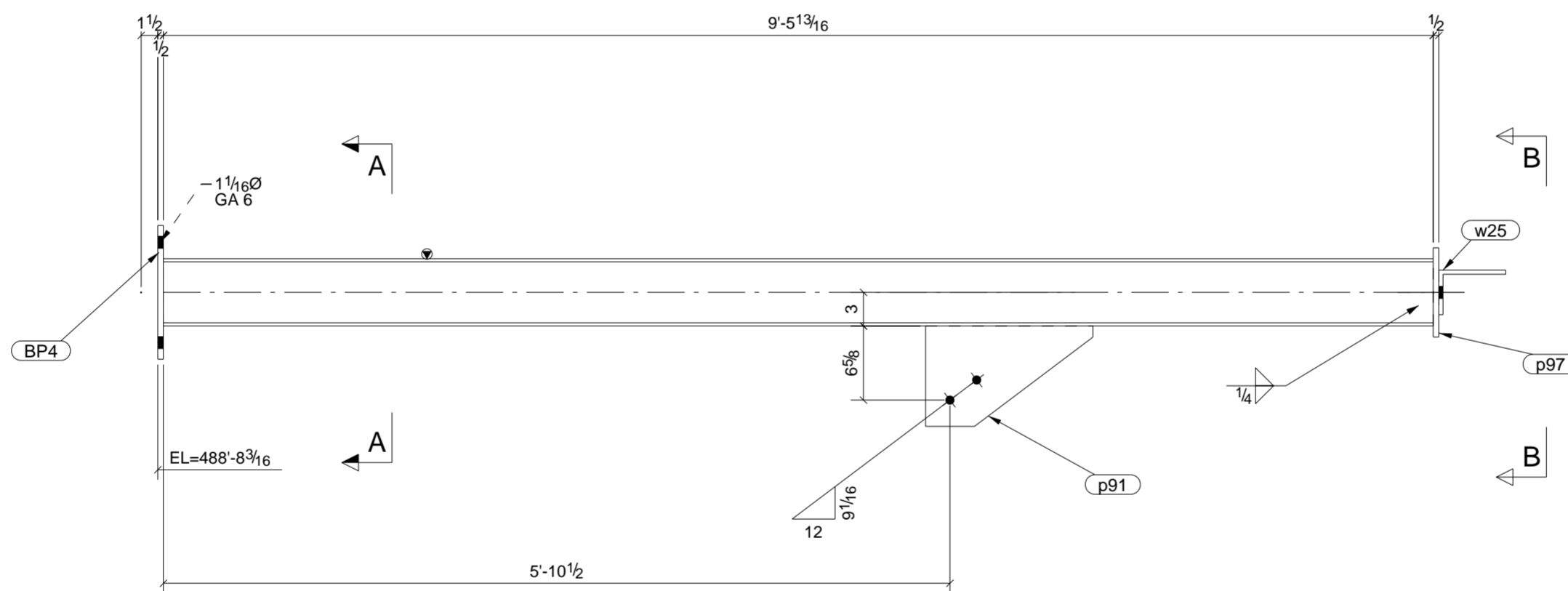
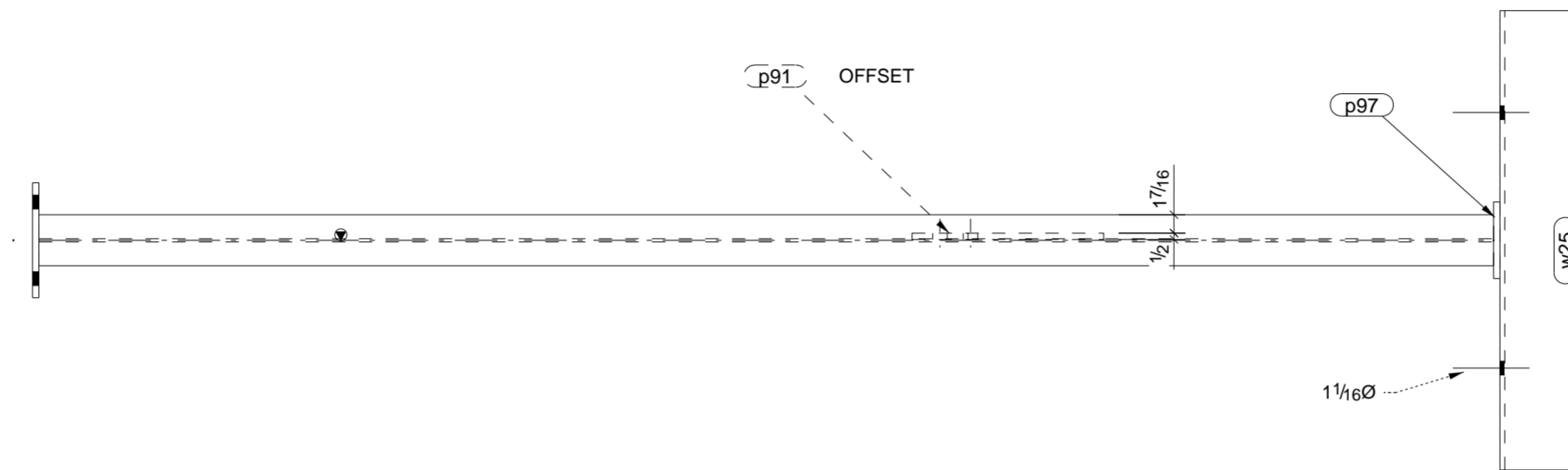
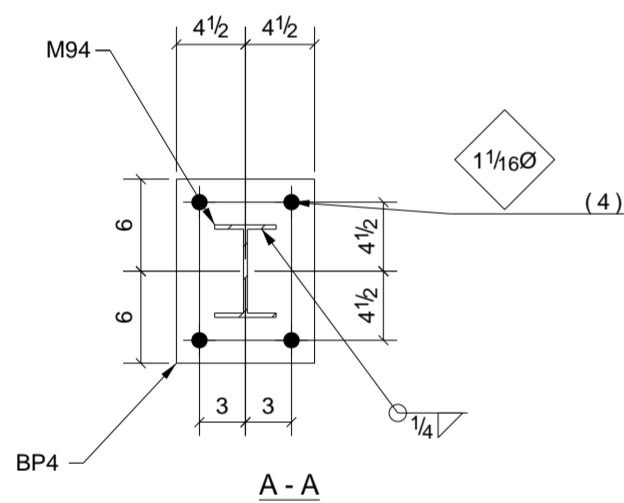
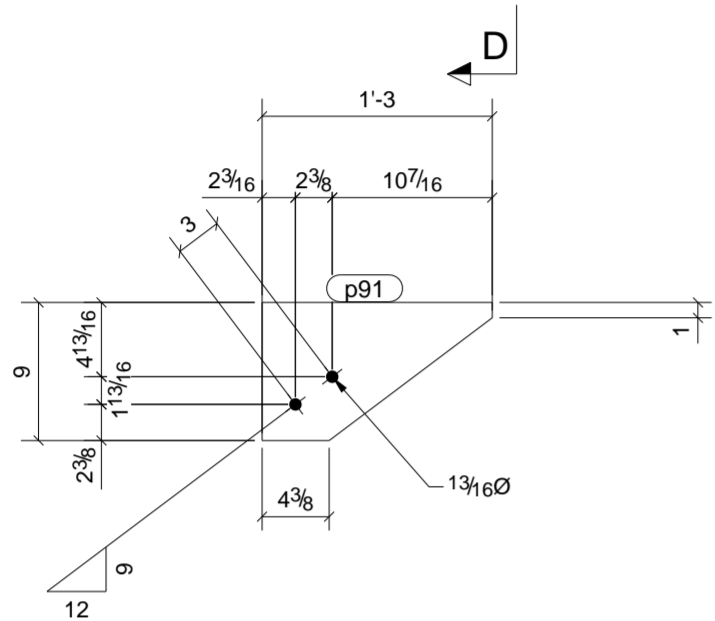
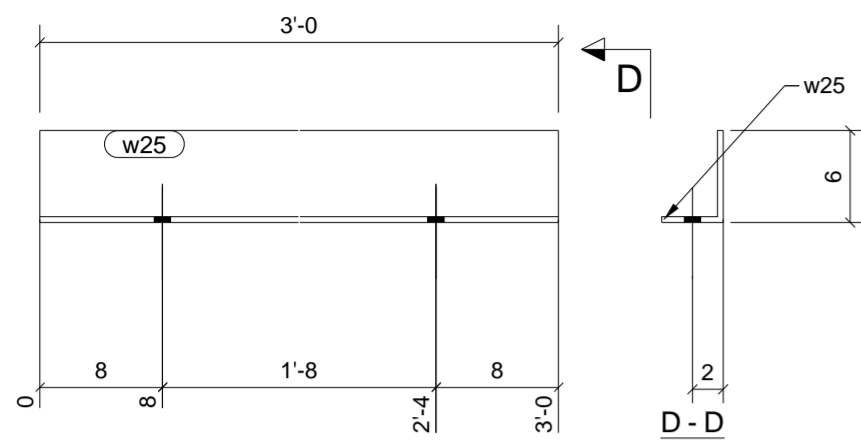
ONE - AIR SUPP'T TYPE 8 - M9

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M9	1	FL1/4"X8"	1'-2"		SQ-2 A304
		2	BAR1/4"X4 3/8"	0'-6"	m55	A304
		1	PL1/4"X4"	0'-7 1/2"	p8	A304

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M9	1		

GRID LOCATION	BOTTOM ELEVATION
<1/<A	488'-8"3/16



ONE - AIR SUPP'T TYPE 3 - M94

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK

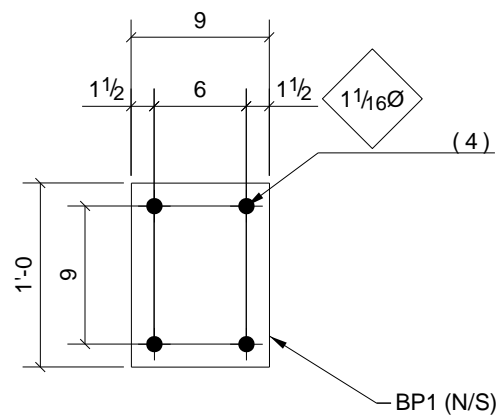
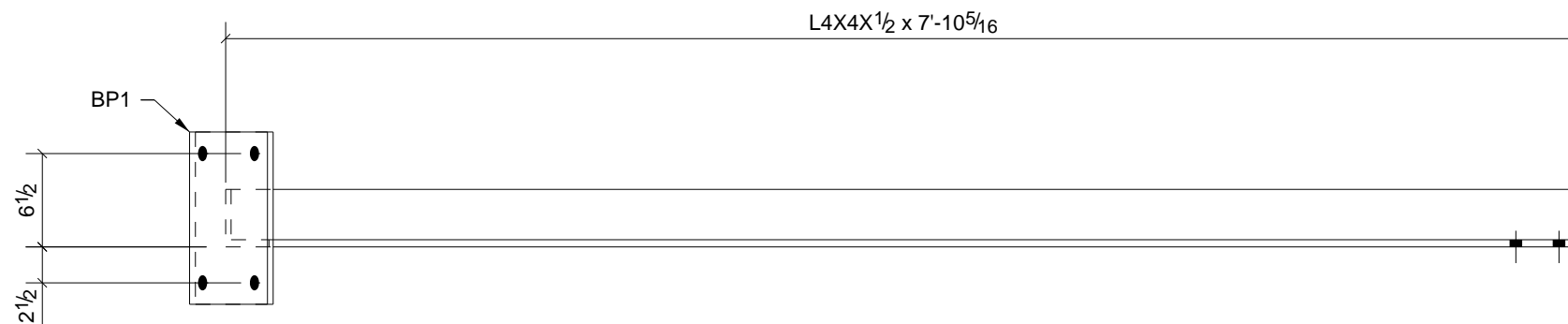
GENERAL NOTES MATERIAL: AS NOTED ELECTRODES: E70xx LH REF. DRG. HOLES: 13/16 DIA. U/N CONN'S.: 3/4"Ø A325-N-ST U.N.		JOB USE
		SHOP
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL

BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M94	1	W6X12	9'-5 13/16"		SQ-2 A992 GALVANIZED
		1	BAR1/2"X9"	1'-0"	BP4	A36
		1	BAR1/2"X9"	1'-3"	p91	A36 GALVANIZED
		1	BAR1/2"X6"	0'-8"	p97	A36 GALVANIZED
		1	L6X4X3/8	3'-0"	w25	A36 GALVANIZED

DESCRIPTION:	PIPE SUPPORT TYPE 3
PROJECT NAME	GREGG W.W.T.P.
LOCATION	GREGG TWP.-UNION CO., PA
CONTRACTOR	ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY	TMc	DATE	08/02/2010
CHKD. BY	TMAC	DATE	
JOB No.	17-171-9	DRG. No.	M94
		REV.	1

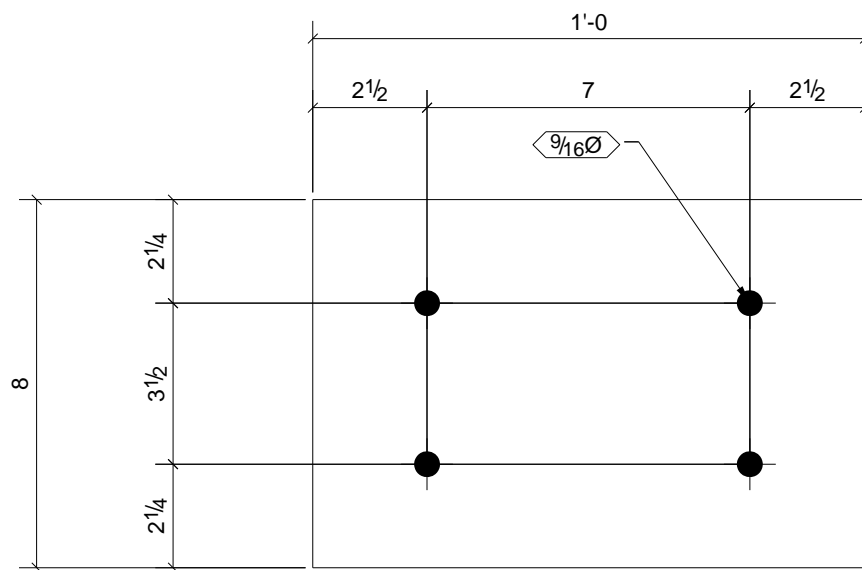
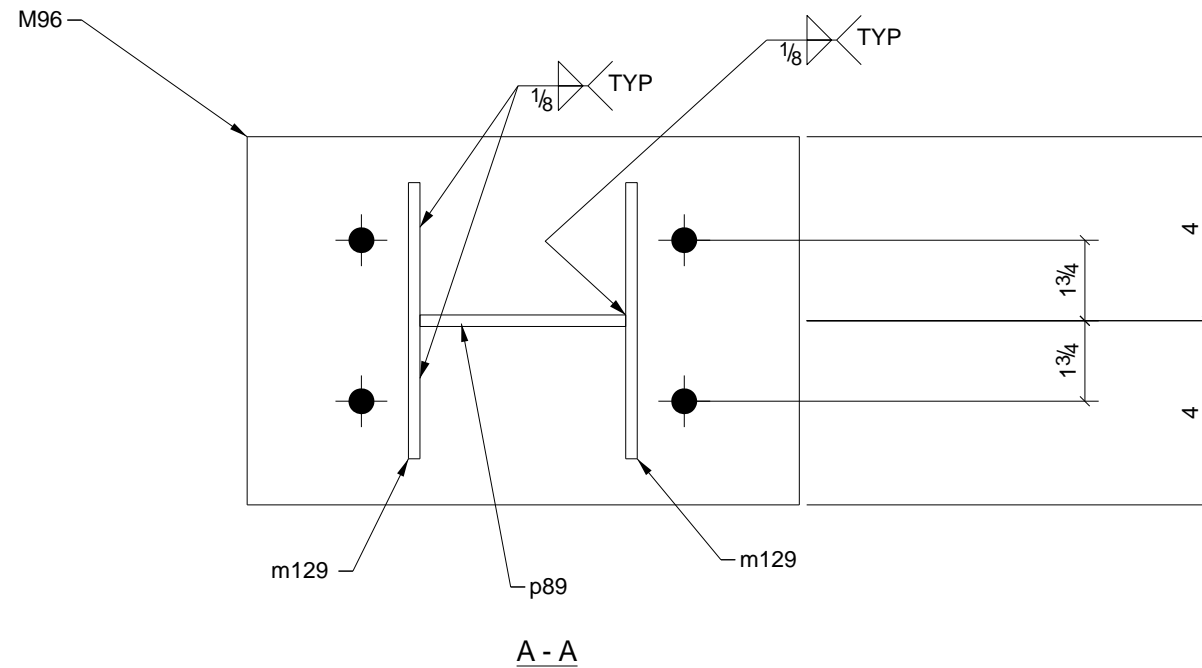
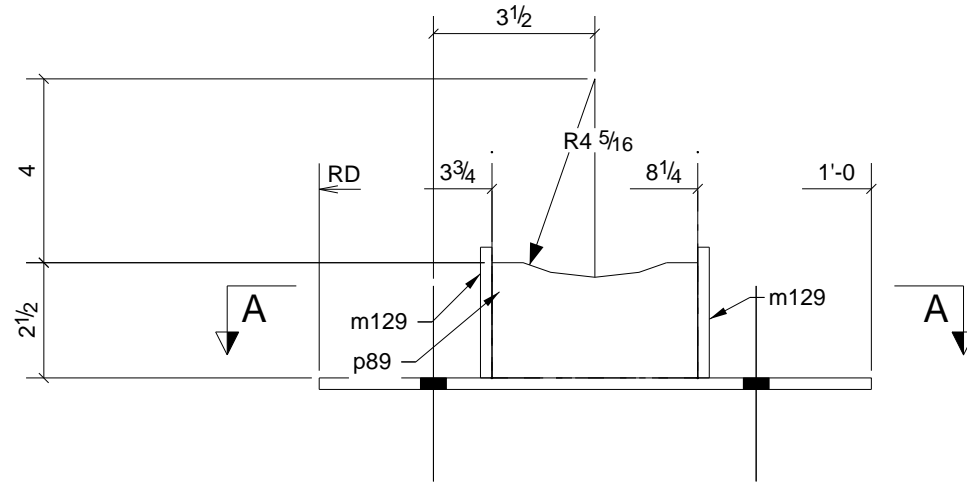
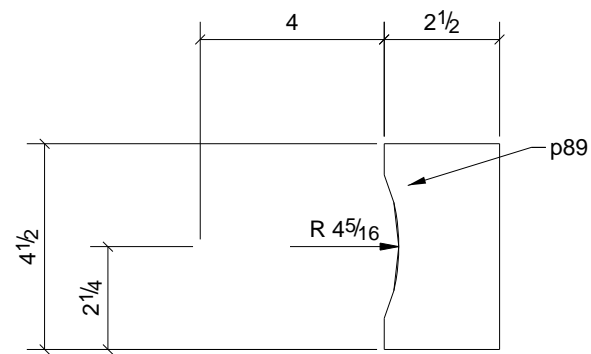


ONE - ANGLE BRACE - M95

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M95	1	L4X4X1/2	7'-10 5/16"		SQ-1/BEV-1 A36 GALVANIZED
		1	FL1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		SHOP
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.			APPROVAL
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: ANGLE BRACE				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>			DRAWN BY	DATE
			TMc	08/03/2010
			CHKD. BY	DATE
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M95	1		

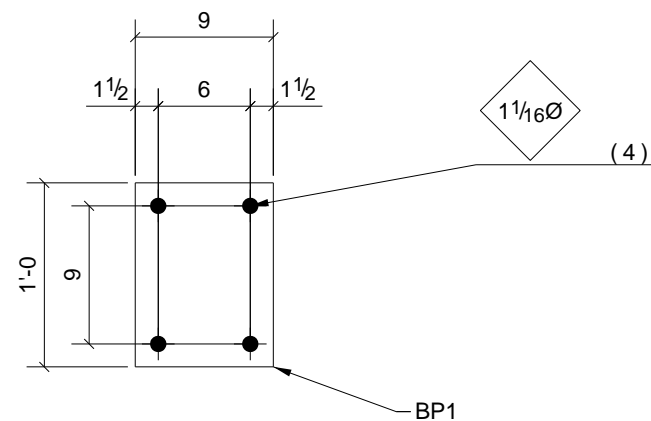
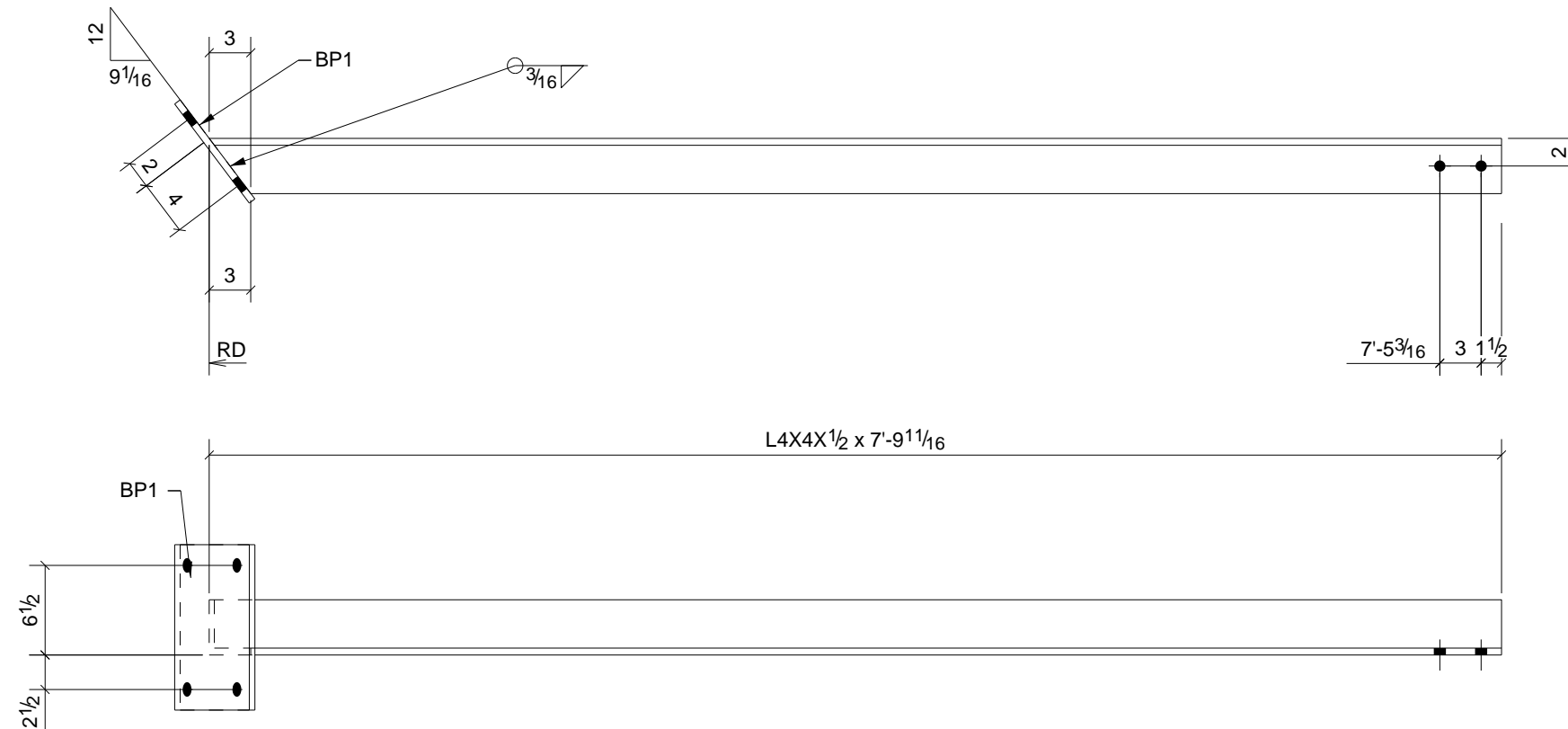


ONE - AIR SUPP'T TYPE 8 - M96

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M96	1	FL1/4"X8"	1'-0"		SQ-2 A304
		2	BAR1/4"X2 13/16"	0'-6"	m129	A304
		1	PL1/4"X2 1/2"	0'-4 1/2"	p89	A304

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY TMc		DATE 08/03/2010
		CHKD. BY TMAC		DATE
		JOB No. 17-171-9	DRG. No. M96	REV. 1

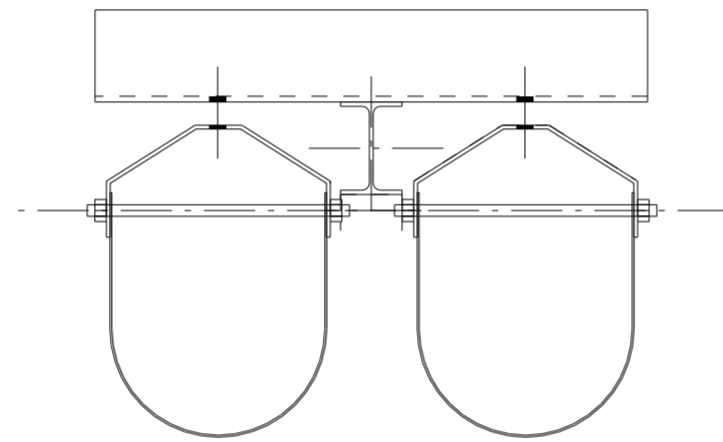
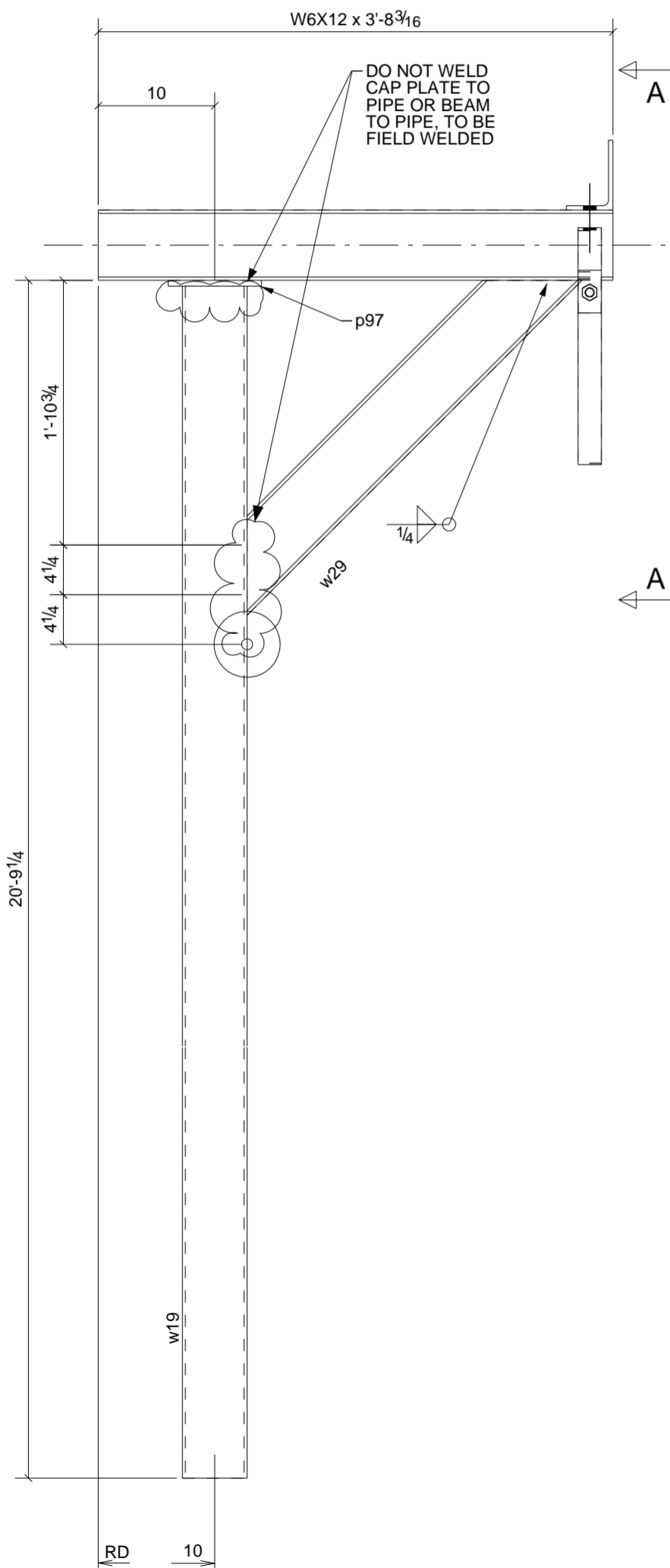
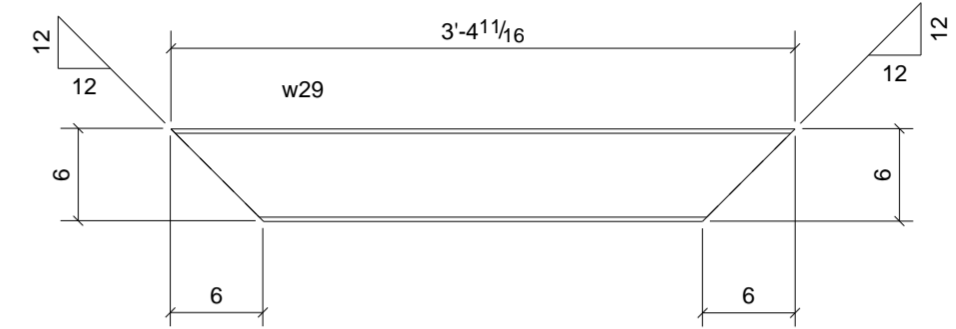
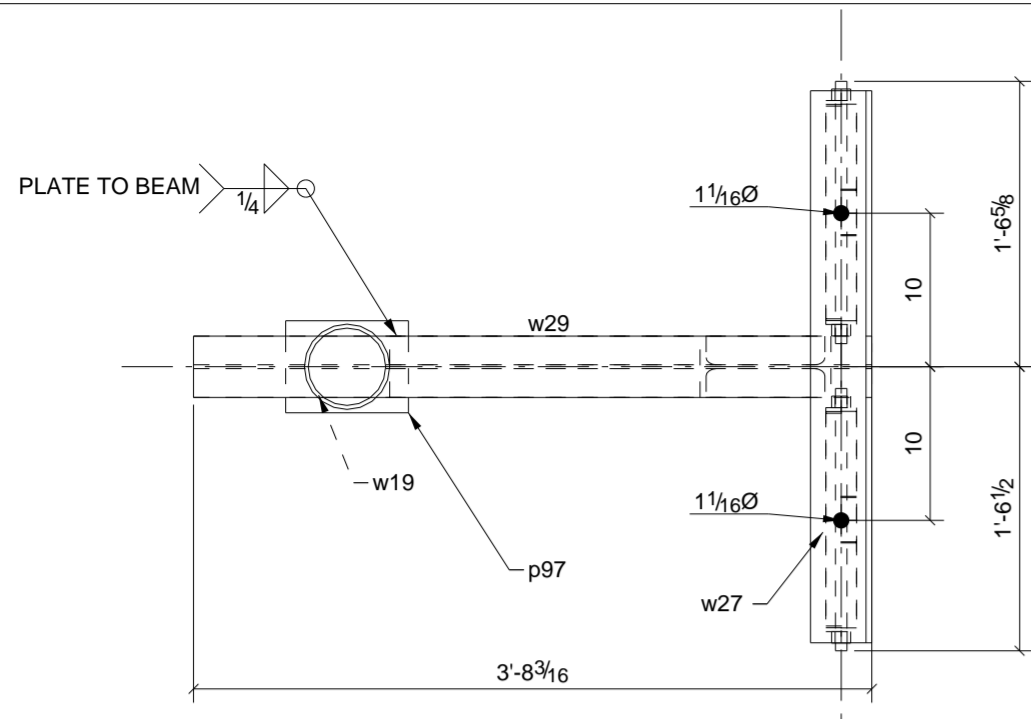


ONE - ANGLE BRACE - M106

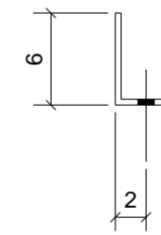
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M106	1	L4X4X1/2	7'-9 11/16"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM

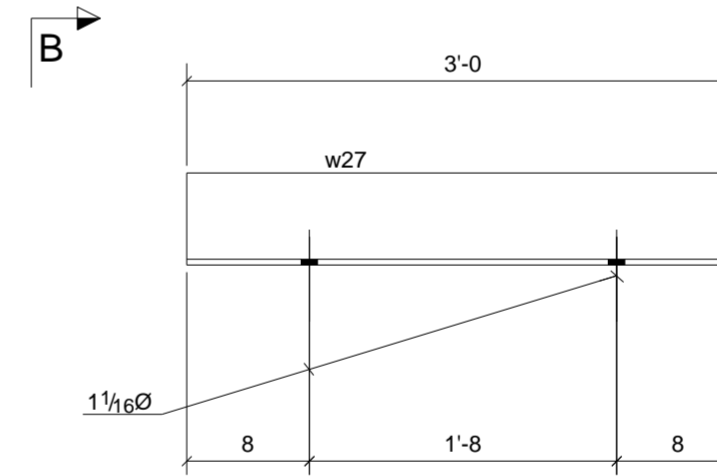
B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: ANGLE BRACE				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMc	08/03/2010	
		CHKD. BY	DATE	
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M106	1		



A - A



B - B



B

BUY OUT ITEMS
PROCURED WITH CLEVIS HANGERS
DO NOT PURCHASE SEPARATELY.
- BUNDLE OR CONTAINERIZE
AND SHIP WITH PIPE SUPPORTS

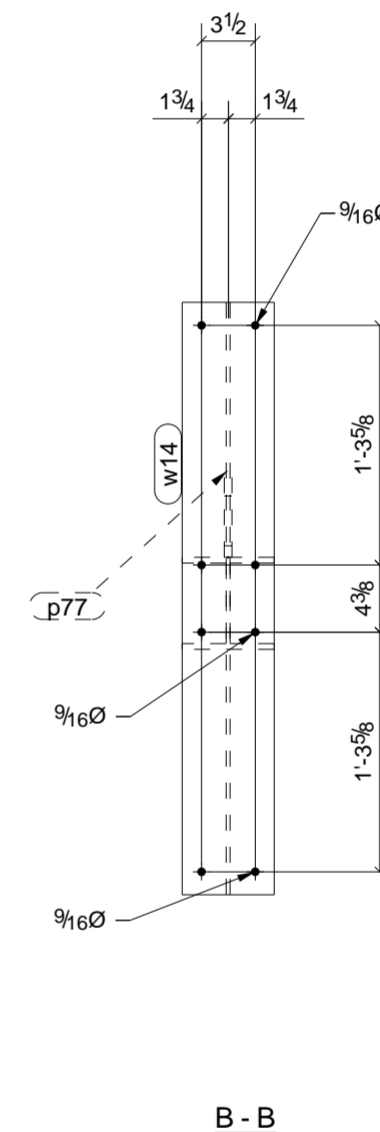
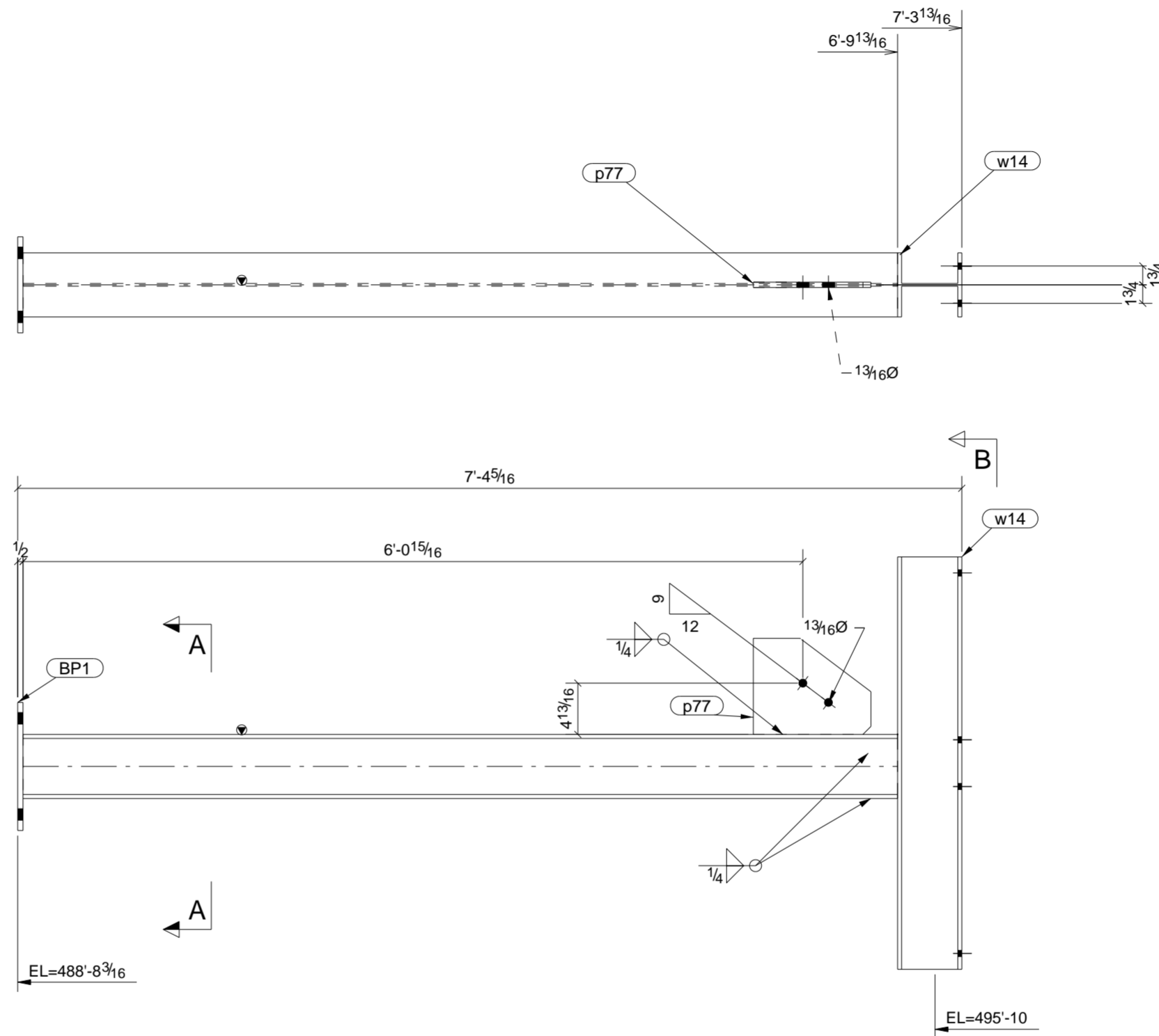
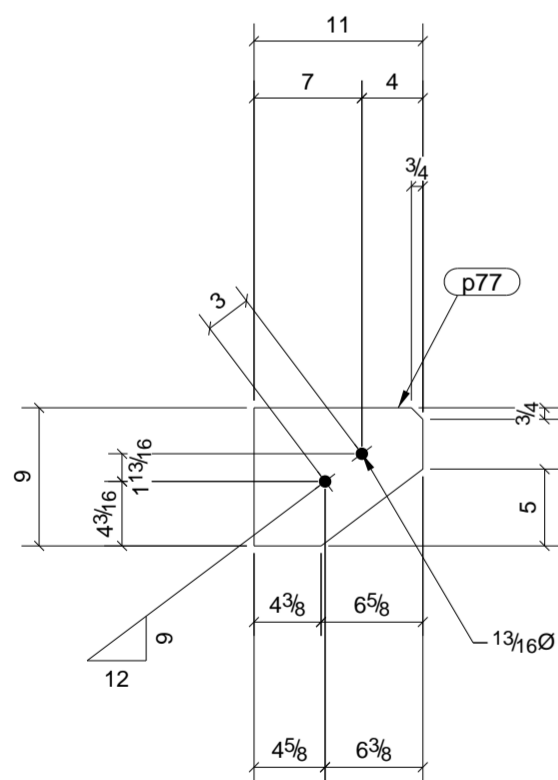
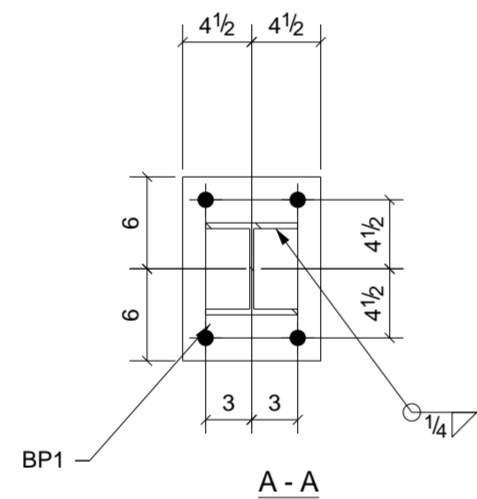
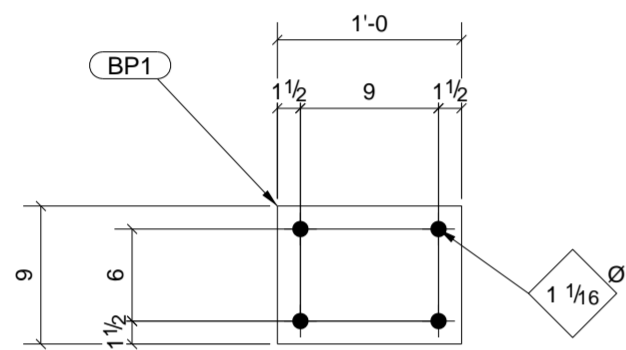
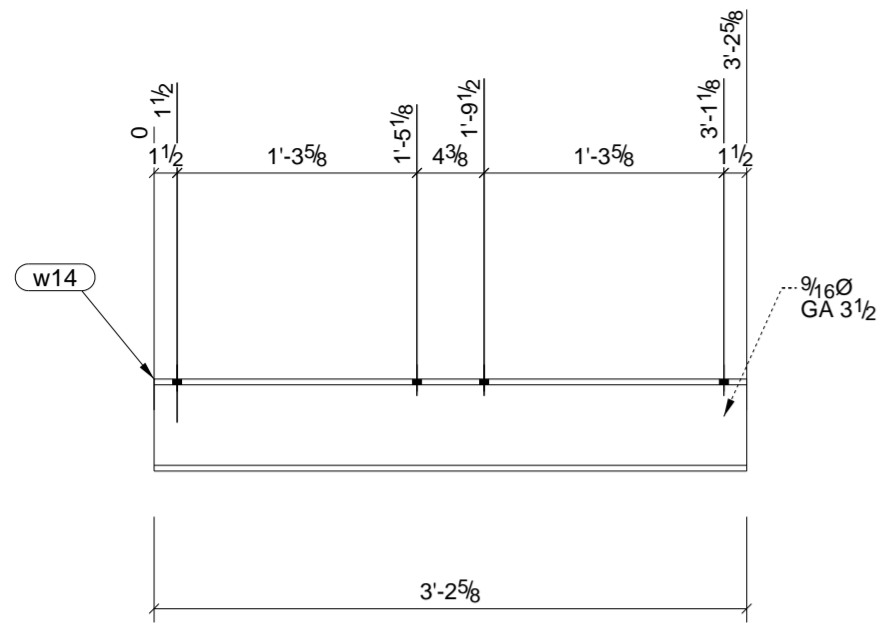
ONE - AIR SUPP'T TYPE 3 - M108

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
4	M93	4	14" FIG 260 CLEVIS HAN			SQ-2 A36 BOI
		8	0		p76	A36 BOI
		8	ROD3/4"	1'-5 1/8"	p92	A304
		16	3/4_HEAVY_HEX_NUT			
1	M108	1	W6X12	3'-8 3/16"		SQ-2 A992 GALVANIZED
		1	BAR1/2"X6"	0'-8"	p97	A36 GALVANIZED
		1	PIPE5STD	20'-8 3/4"	w19	A53
		1	L6X4X3/8	3'-0"	w27	A36 GALVANIZED
1	W6X12	3'-4 11/16"	w29	A992 GALVANIZED		

B	For Approval	8/02/10	TMAC	
REV.		DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED		ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. U/N		CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP	
SURFACE PREP: PER SPECS		APPROVAL		
AND PAINT: PER SPECS				
DESCRIPTION: PIPE SUPPORT TYPE 3				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY: TMc	DATE: 08/02/2010	
		CHKD. BY: TMAC	DATE:	
JOB No. 17-171-9	DRG. No. M108	REV. 1		

GRID LOCATION	BOTTOM ELEVATION
<1/<A	488'-8"3/16

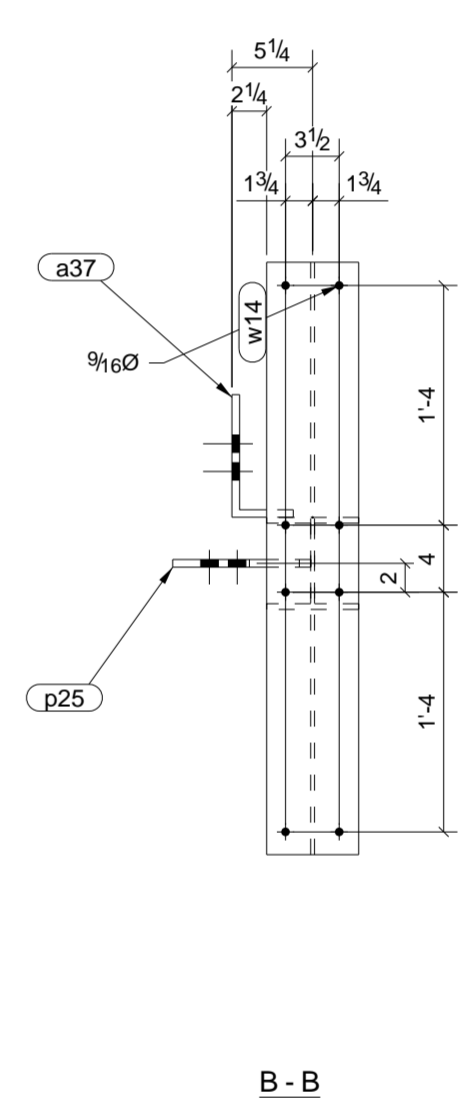
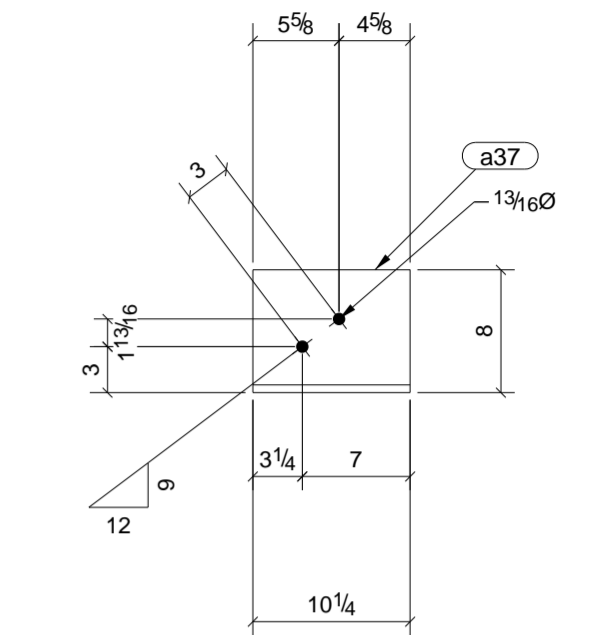
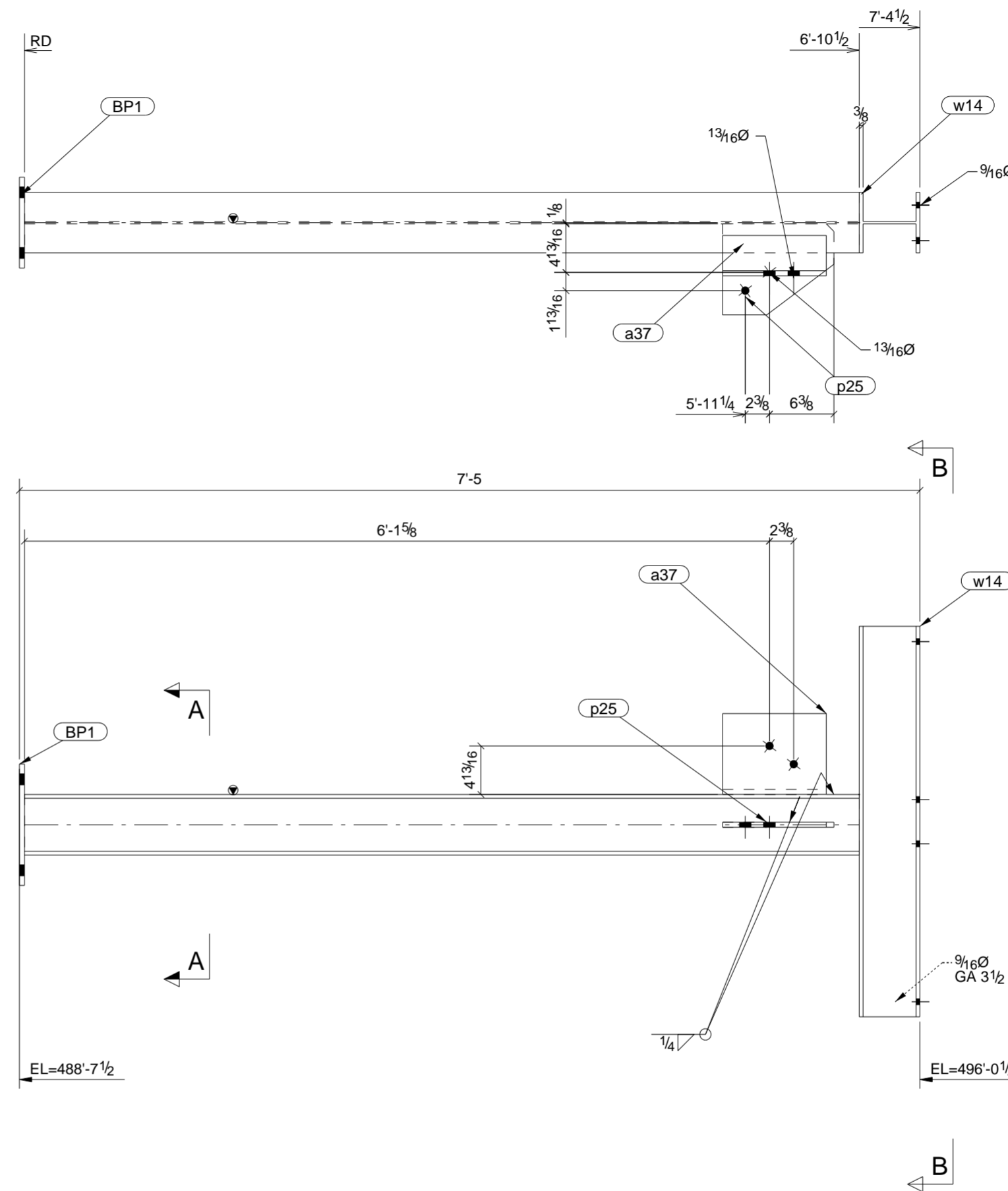
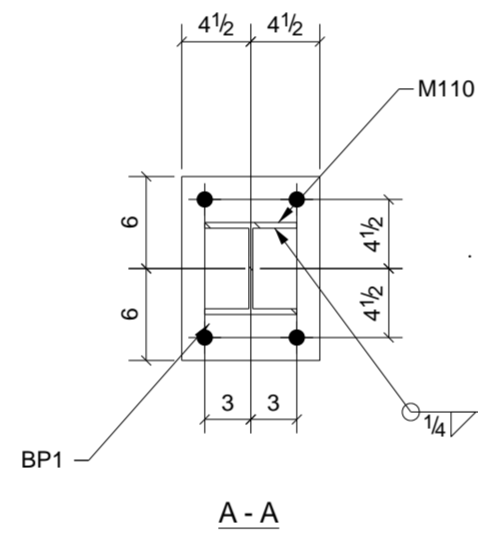
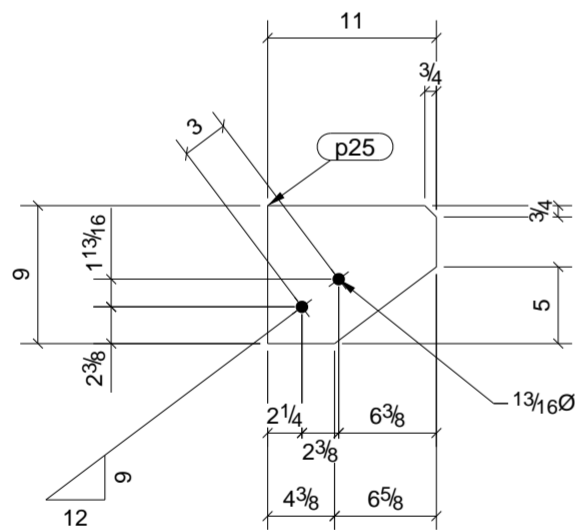
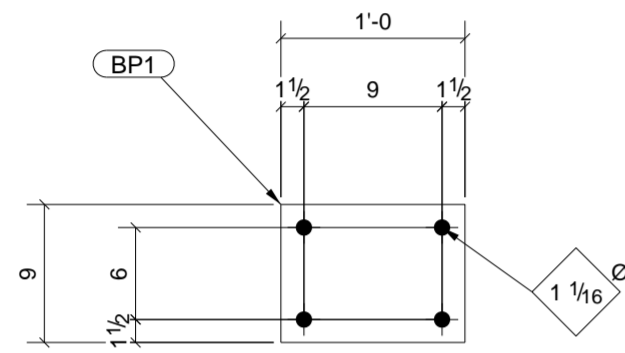
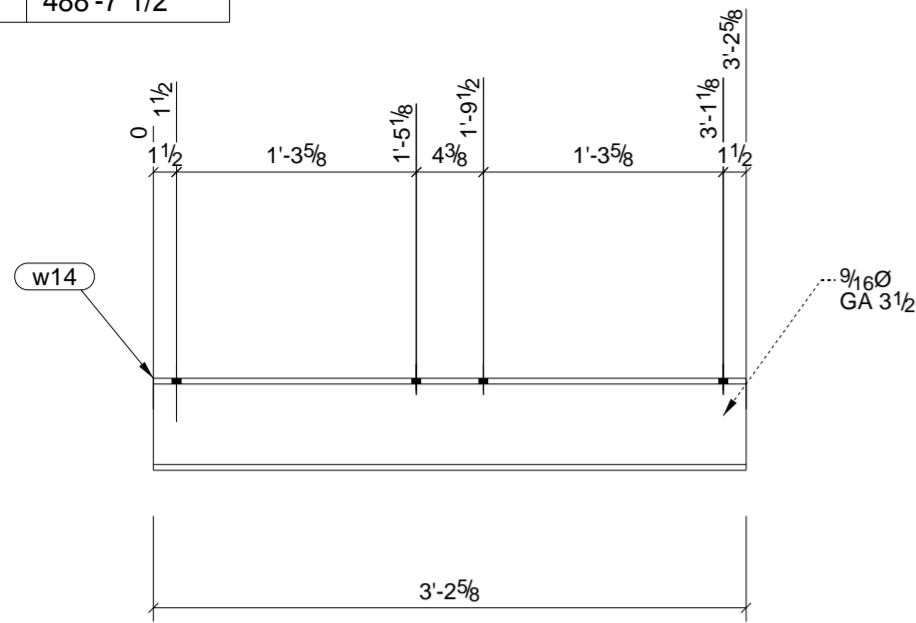


ONE - AIR SUPP'T TYPE 4 - M109

BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M109	1	W6X5.4	6'-9 13/16"		SQ-2 6061-T6 ALUMINUM
		1	BAR1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM
		1	BAR1/2"X9"	0'-11"	p77	6061-T6 ALUMINUM
		1	W6X5.4	3'-2 5/8"	w14	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC		
REV.	DESCRIPTION	DATE	DWN	CHK	
GENERAL NOTES		JOB USE			
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.			
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP			
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL			
DESCRIPTION: PIPE SUPPORT TYPE 4					
PROJECT NAME: GREGG W.W.T.P.					
LOCATION: GREGG TWP.-UNION CO., PA					
CONTRACTOR: ZARTMAN					
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY: TMc		DATE: 08/02/2010	
		CHKD. BY: TMAC		DATE:	
		JOB No. 17-171-9		DRG. No. M109	REV. 1

GRID LOCATION	BOTTOM ELEVATION
<1/<A	488'-7 1/2"

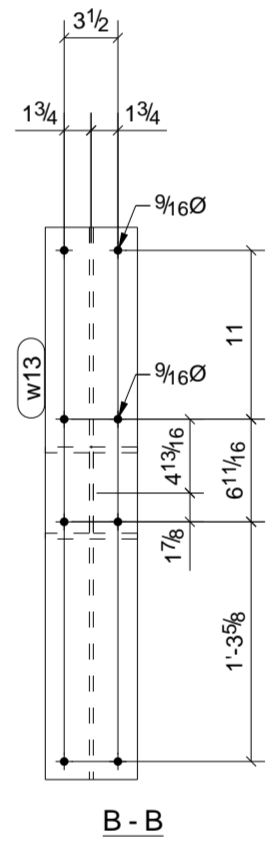
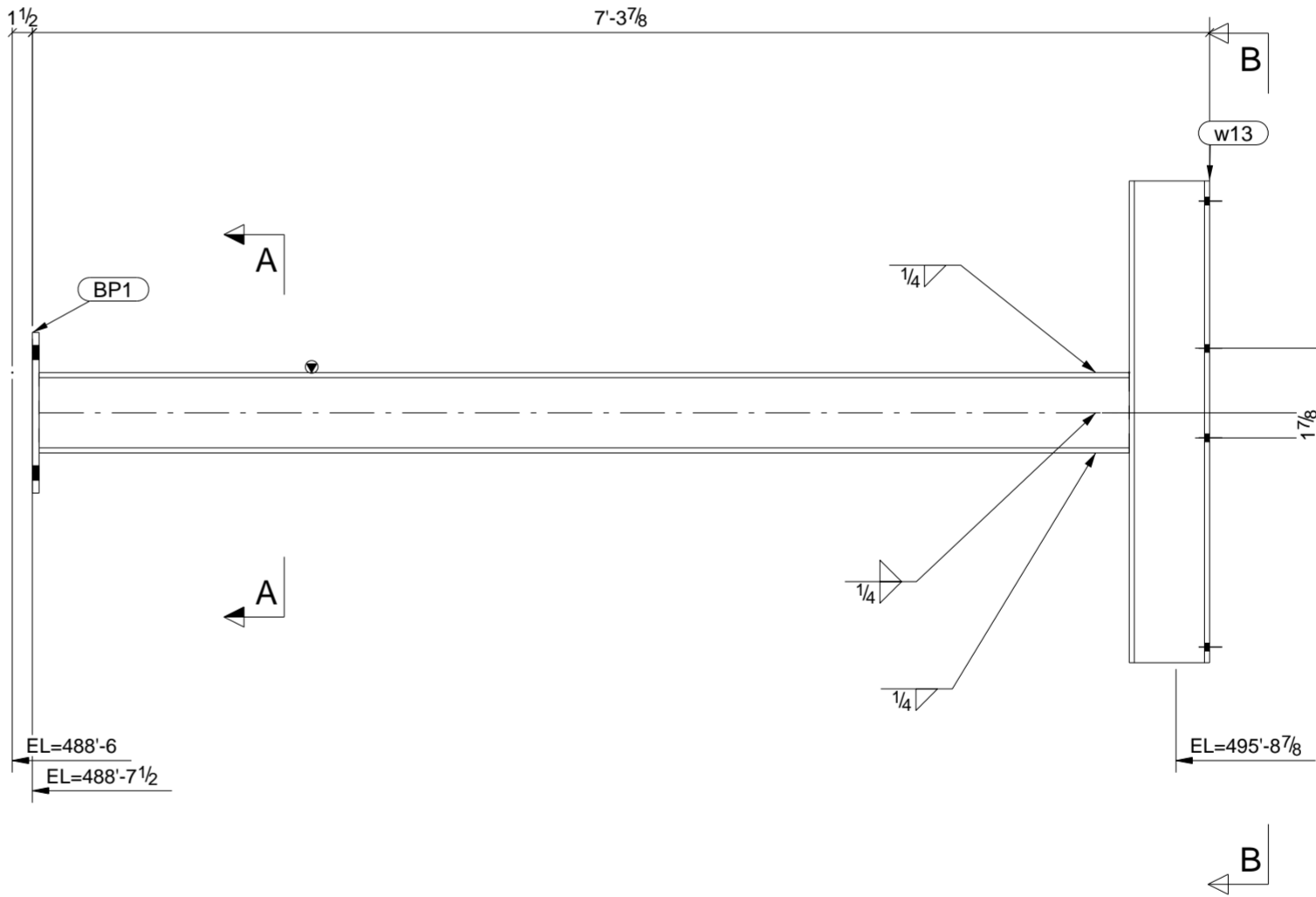
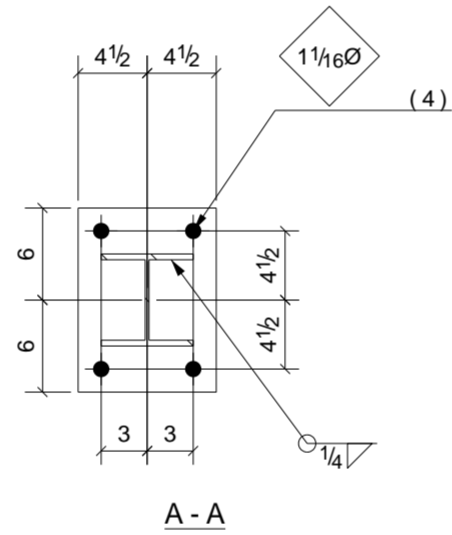
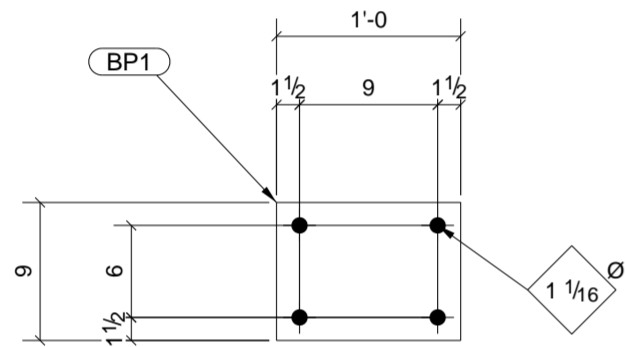
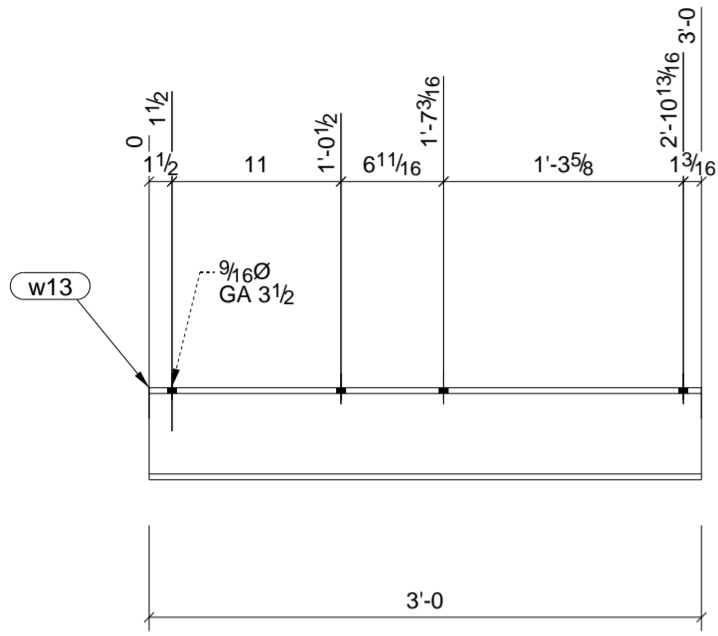


ONE - AIR SUPP'T TYPE 5 - M110

BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M110	1	W6X5.4	6'-10 1/2"		SQ-2 6061-T6 ALUMINUM
		1	BAR 1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM
		1	L8X4X1/2	0'-10 1/4"	a37	6061-T6 ALUMINUM
		1	BAR 1/2"X9"	0'-11"	p25	6061-T6 ALUMINUM
		1	W6X5.4	3'-2 5/8"	w14	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: PIPE SUPPORT TYPE 6				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		TMc	08/02/2010	
		CHKD. BY	DATE	
		TMAC		
JOB No.	DRG. No.	REV.		
17-171-9	M110	1		

GRID LOCATION	BOTTOM ELEVATION
<1/<A	488'-7 1/2



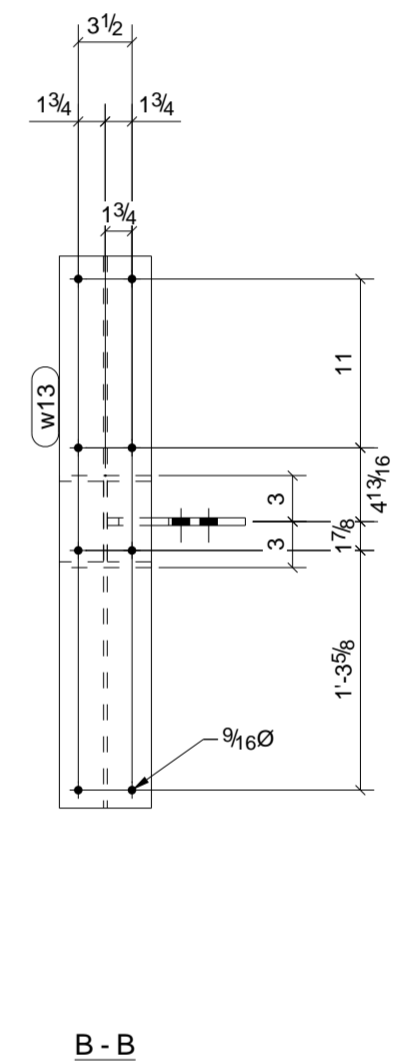
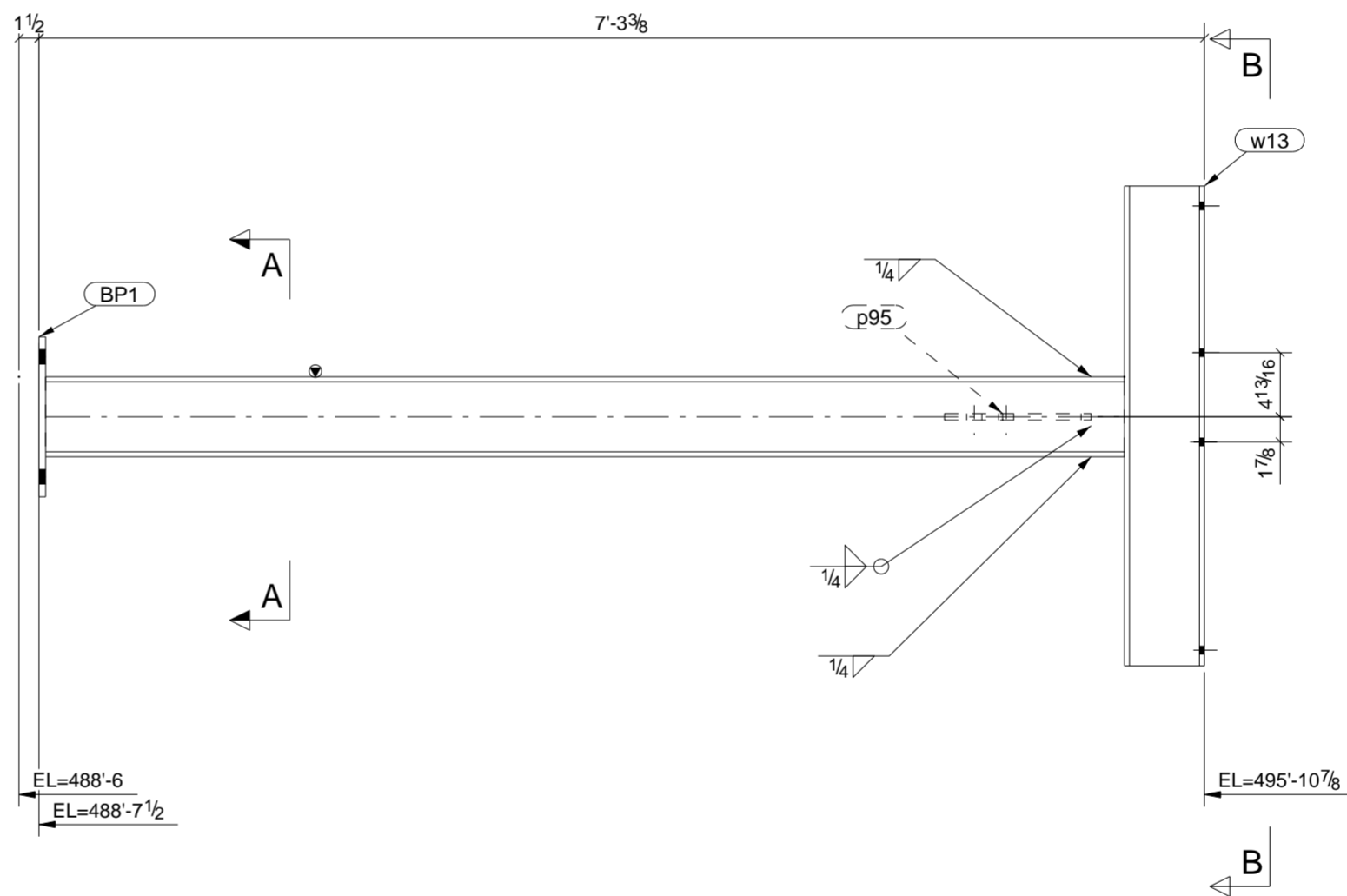
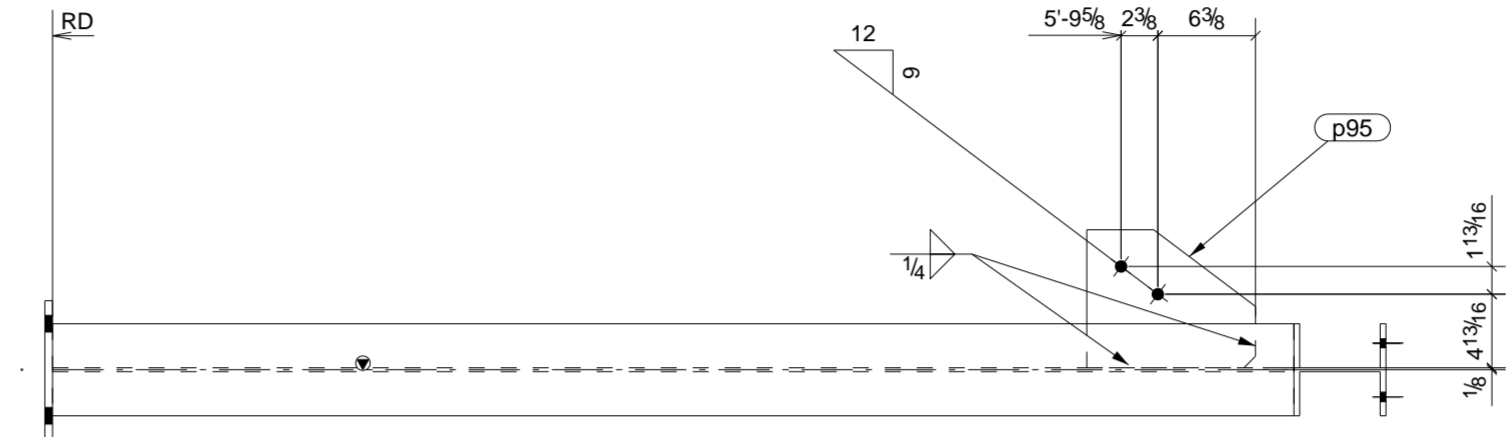
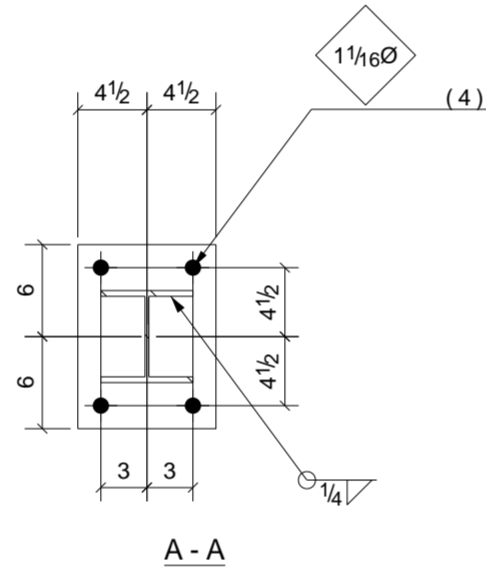
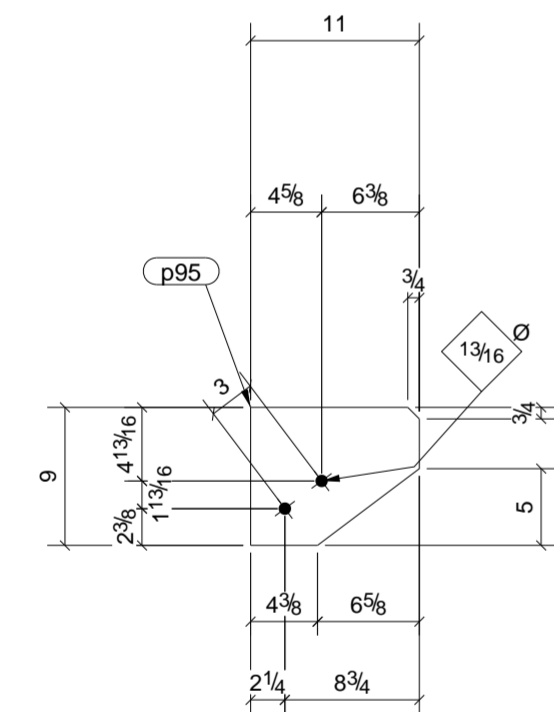
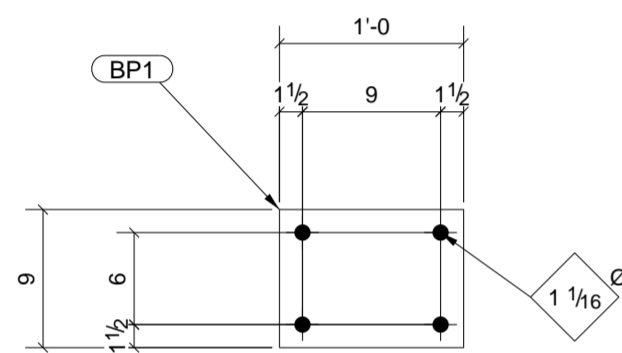
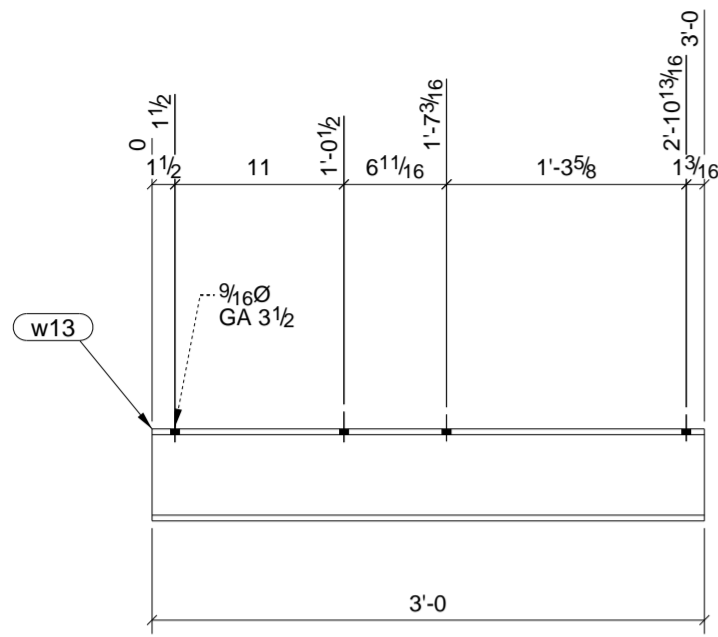
ONE - AIR SUPP'T TYPE 7 - M111

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M111	1	W6X5.4	6'-9 3/8"		SQ-2 6061-T6 ALUMINUM
		1	BAR 1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM
		1	W6X5.4	3'-0"	w13	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC
REV.	DESCRIPTION	DATE	DWN
GENERAL NOTES			JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			
DESCRIPTION: PIPE SUPPORT TYPE 7			
PROJECT NAME: GREGG W.W.T.P.			
LOCATION: GREGG TWP.-UNION CO., PA			
CONTRACTOR: ZARTMAN			
A S P Services Inc		DRAWN BY: TMc	DATE: 08/02/2010
10 Lisalyn Rd.		CHKD. BY: TMAC	DATE:
Selinsgrove, PA 17870		JOB No: 17-171-9	DRG. No: M111
(570) 374-5333		REV.:	1

GRID LOCATION	BOTTOM ELEVATION
<1/A	488'-7 1/2"

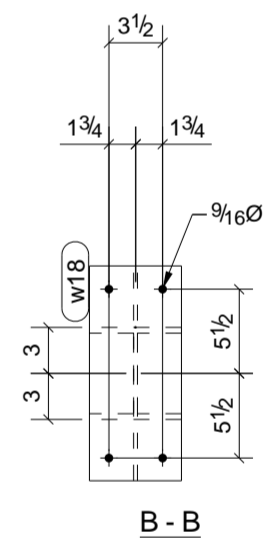
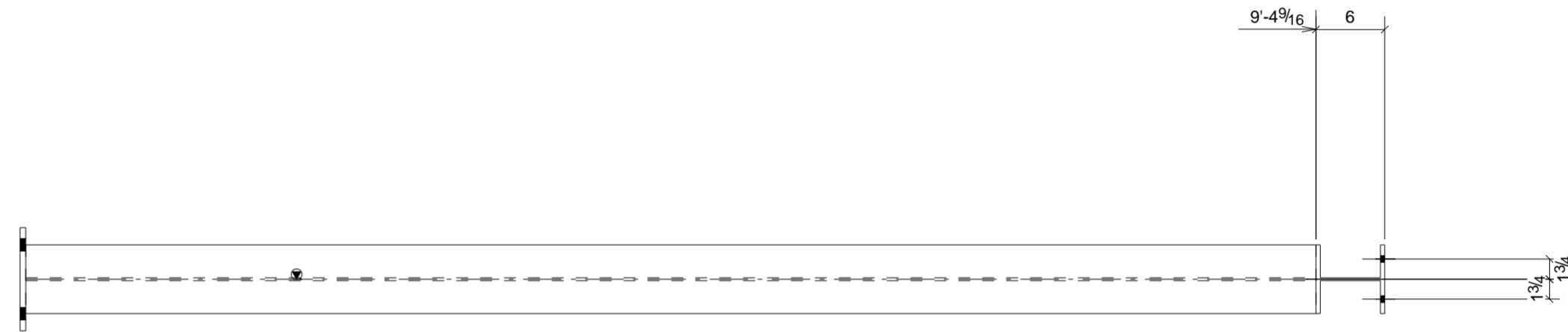
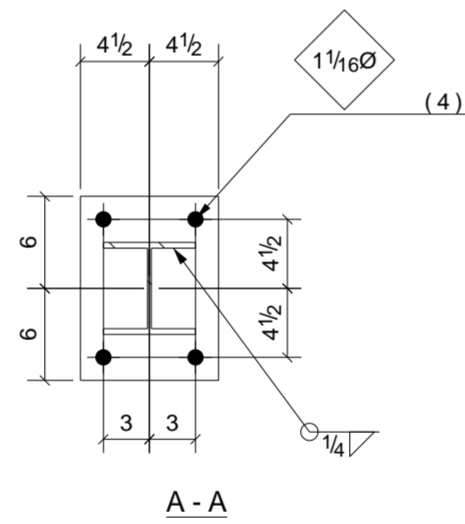
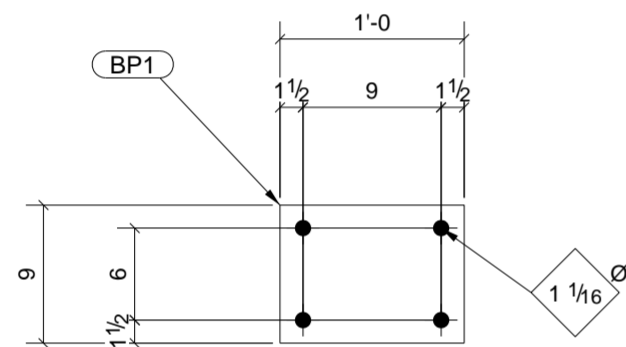
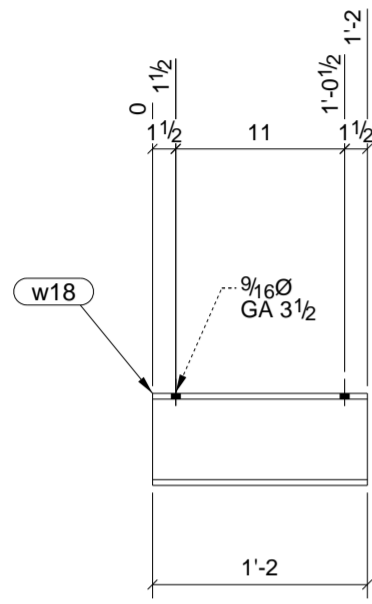


ONE - AIR SUPP'T TYPE 6 - M112

BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M112	1	W6X5.4	6'-8 7/8"		SQ-2 6061-T6 ALUMINUM
		1	BAR 1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM
		1	BAR 1/2"X9"	0'-11"	p95	6061-T6 ALUMINUM
		1	W6X5.4	3'-0"	w13	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC		
REV.	DESCRIPTION	DATE	DWN	CHK	
GENERAL NOTES				JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4" Ø A325-N-ST U.N.		APPROVAL		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS					
DESCRIPTION: PIPE SUPPORT TYPE 6					
PROJECT NAME: GREGG W.W.T.P.					
LOCATION: GREGG TWP.-UNION CO., PA					
CONTRACTOR: ZARTMAN					
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selingsgrove, PA 17870 (570) 374-5333</p>				DRAWN BY: TMC	DATE: 08/02/2010
				CHKD. BY: TMAC	DATE:
JOB No. 17-171-9	DRG. No. M112	REV. 1			

GRID LOCATION	BOTTOM ELEVATION
<1/<A	486'-5"1/2



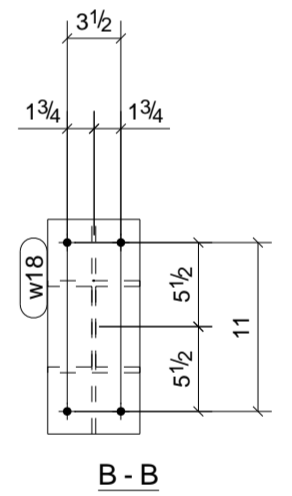
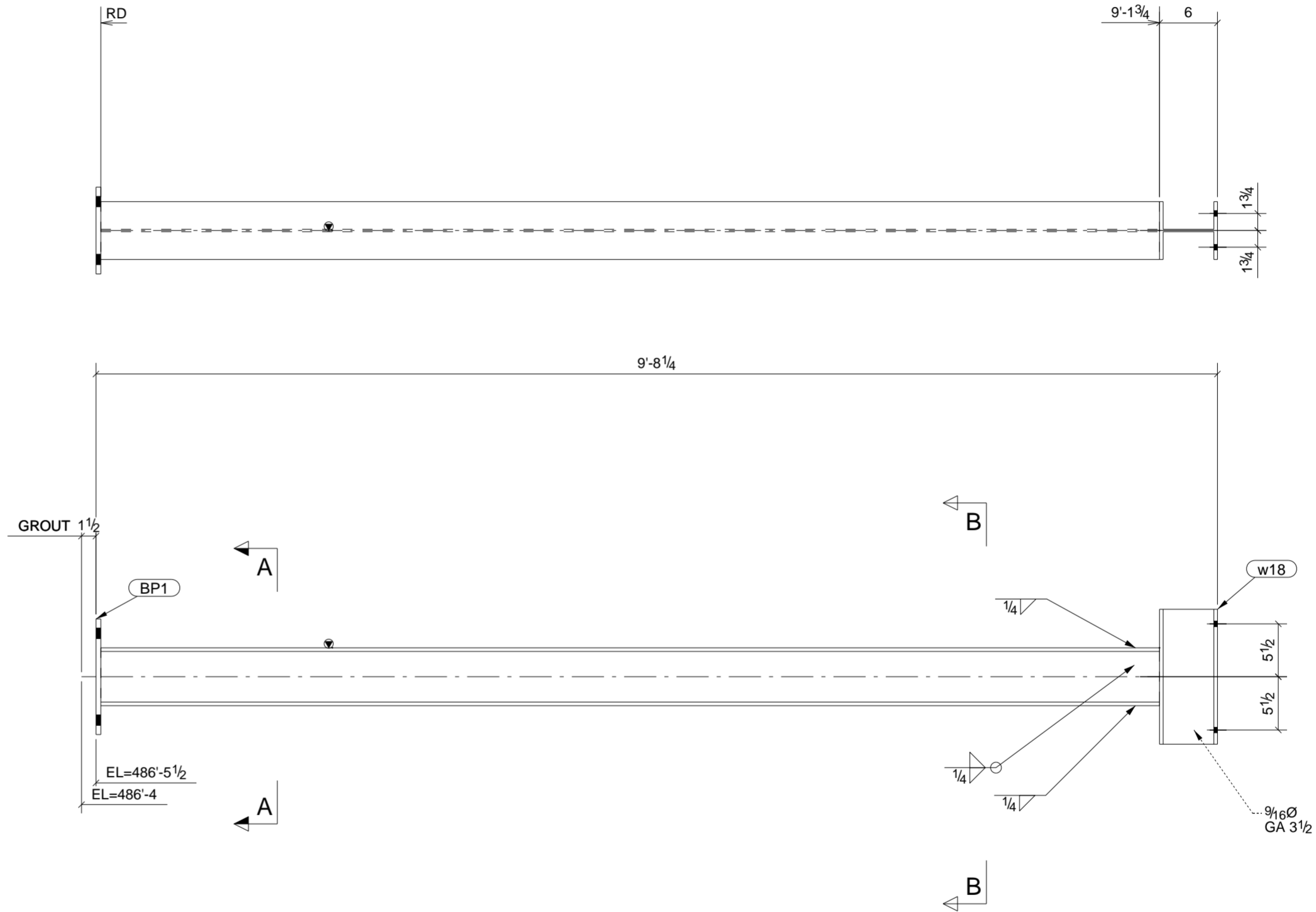
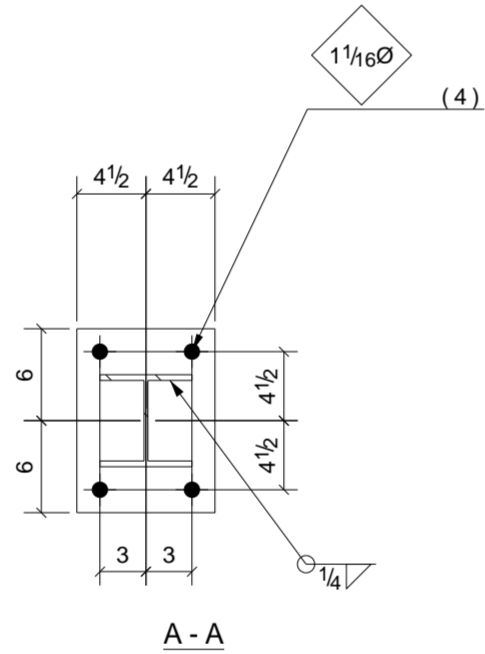
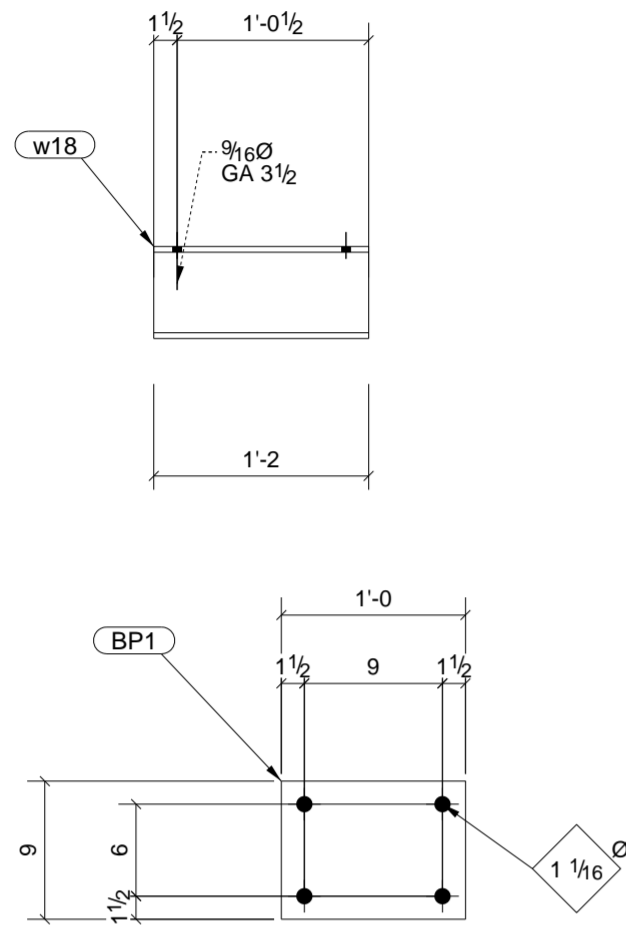
ONE - AIR SUPP'T TYPE 7 - M113

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M113	1	W6X5.4	9'-4 9/16"		SQ-2 6061-T6 ALUMINUM
		1	BAR1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM
		1	W6X5.4	1'-2"	w18	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC
REV.	DESCRIPTION	DATE	DWN
GENERAL NOTES			JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			
DESCRIPTION: PIPE SUPPORT TYPE 7			
PROJECT NAME: GREGG W.W.T.P.			
LOCATION: GREGG TWP.-UNION CO., PA			
CONTRACTOR: ZARTMAN			
A S P Services Inc 10 Lisalyn Rd. Selingsgrove, PA 17870 (570) 374-5333		DRAWN BY TMc	DATE 08/02/2010
		CHKD. BY TMAC	DATE
JOB No. 17-171-9	DRG. No. M113	REV. 1	

GRID LOCATION	BOTTOM ELEVATION
<1/<A	486'-5"1/2

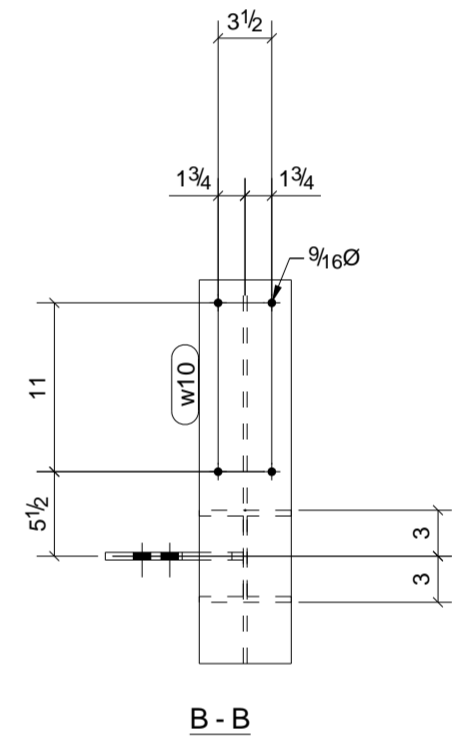
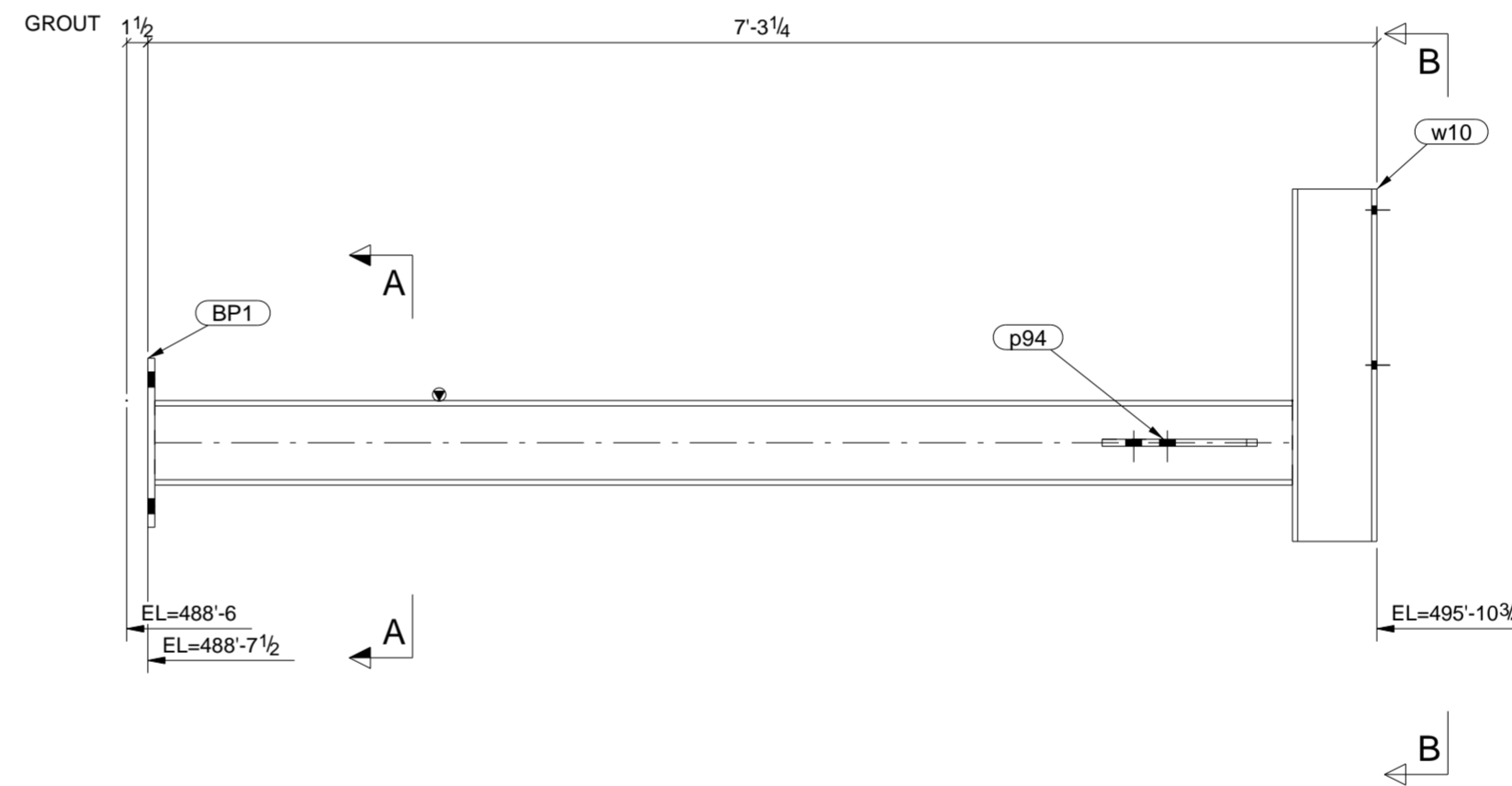
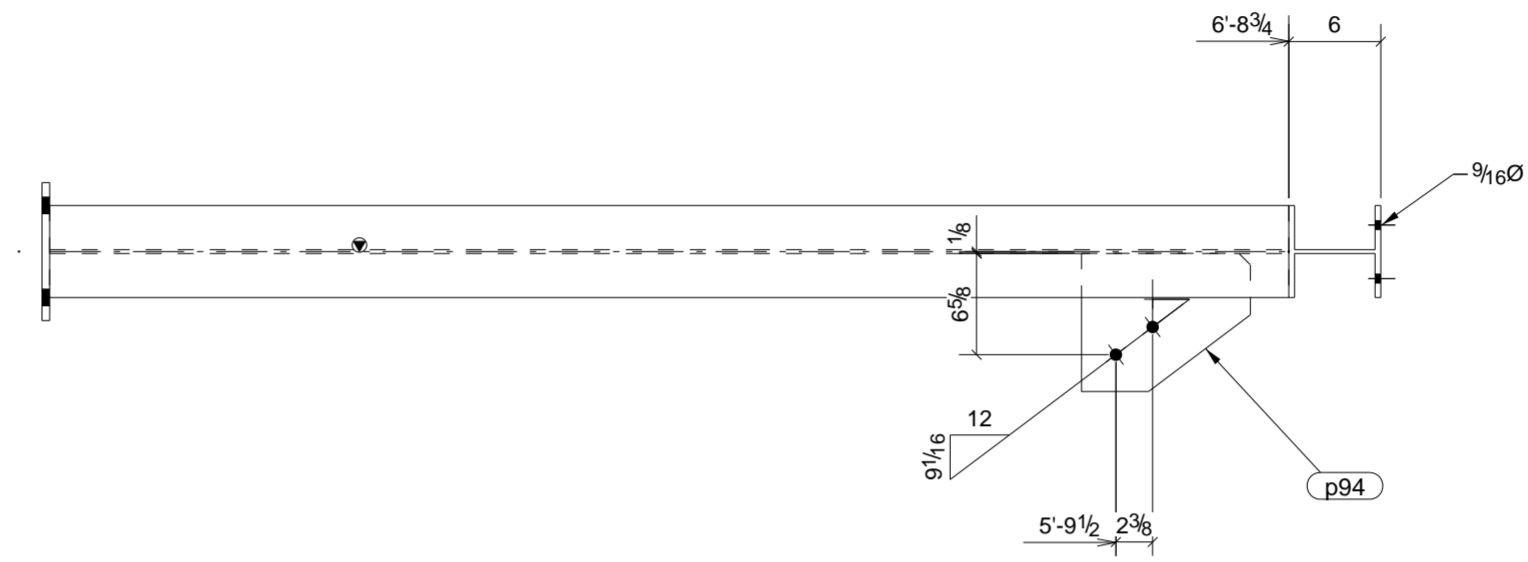
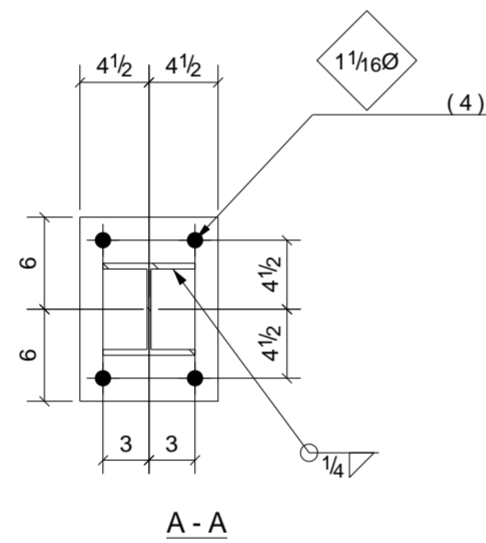
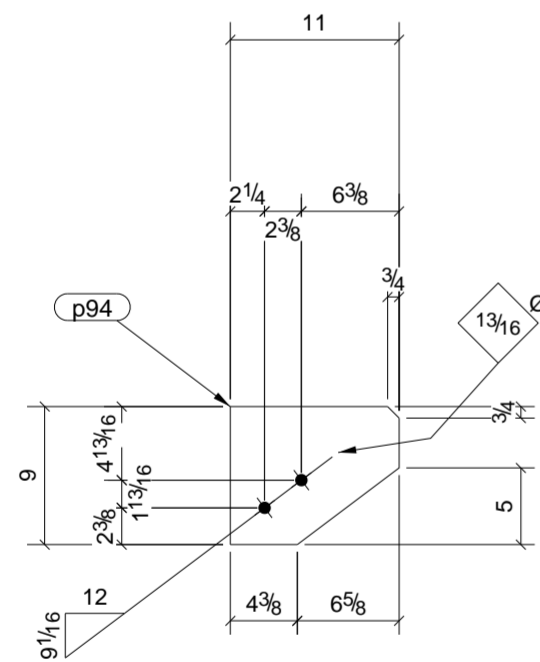
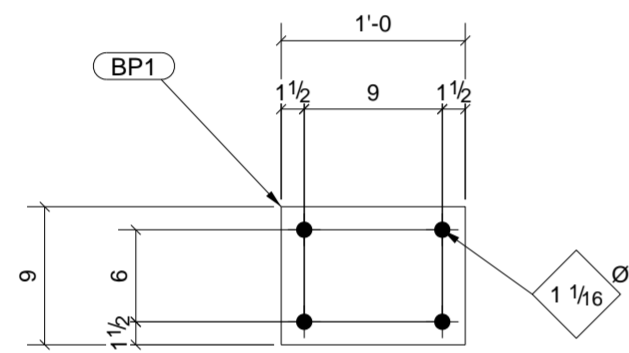
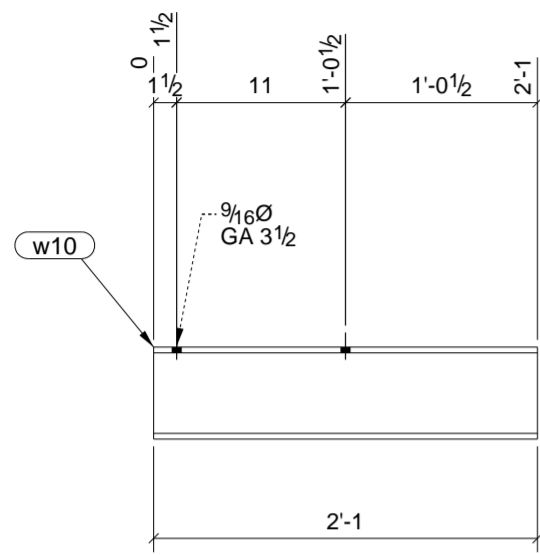


ONE - AIR SUPP'T TYPE 7 - M114

BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M114	1	W6X5.4	9'-1 3/4"		SQ-2 6061-T6 ALUMINUM
		1	BAR1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM
		1	W6X5.4	1'-2"	w18	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: PIPE SUPPORT TYPE 7				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selingsgrove, PA 17870 (570) 374-5333			DRAWN BY	DATE
			TMc	08/02/2010
			CHKD. BY	DATE
	TMAC			
JOB No.	DRG. No.	REV.		
17-171-9	M114	1		

GRID LOCATION	BOTTOM ELEVATION
<1/<A	488'-7 1/2"

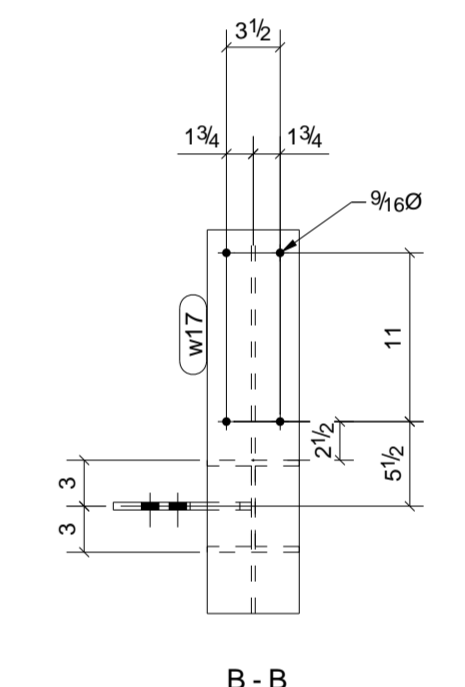
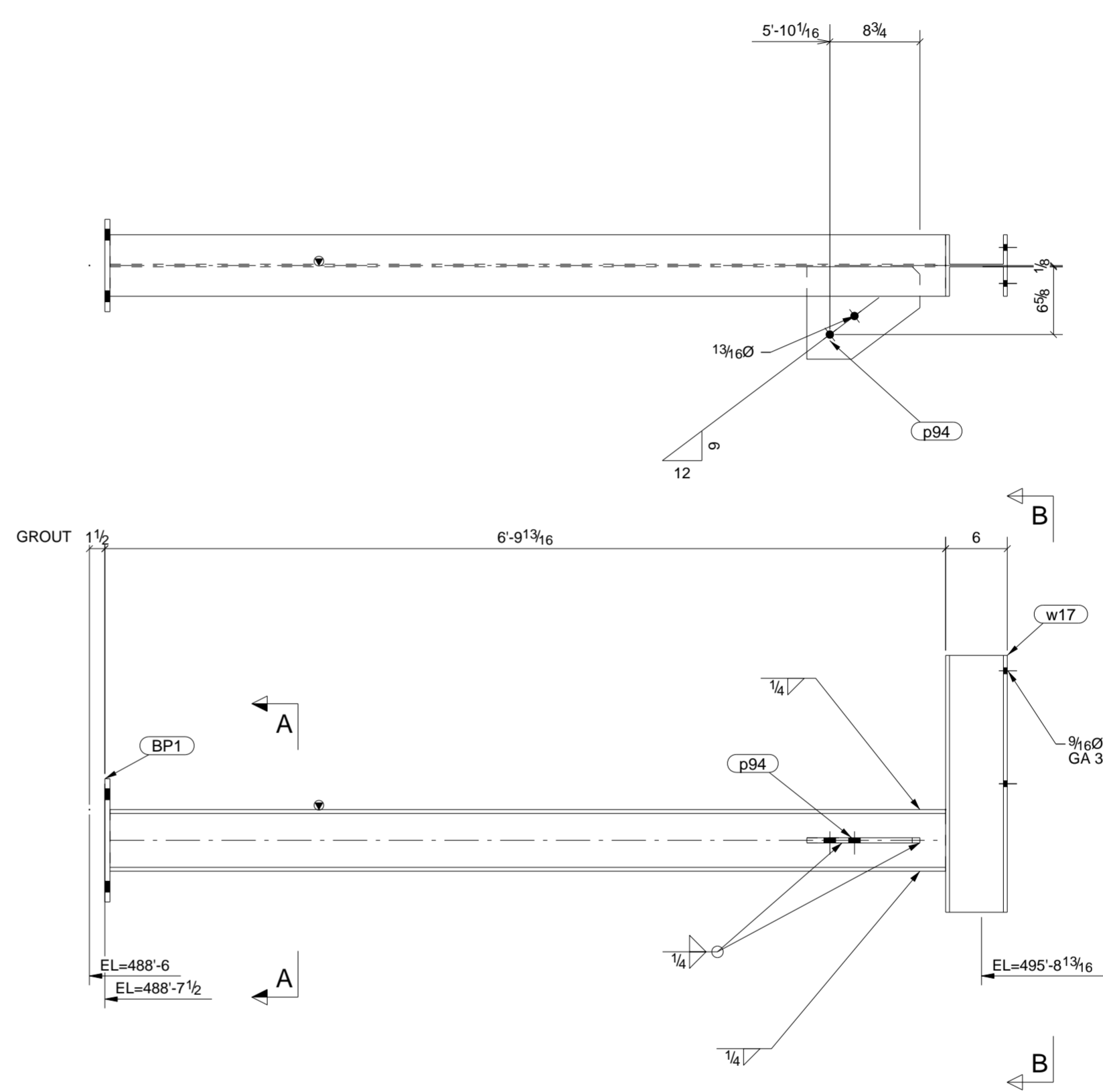
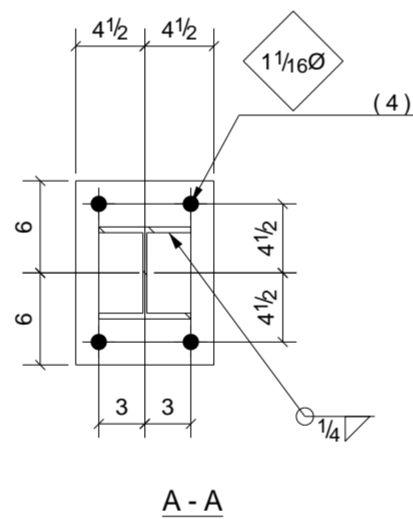
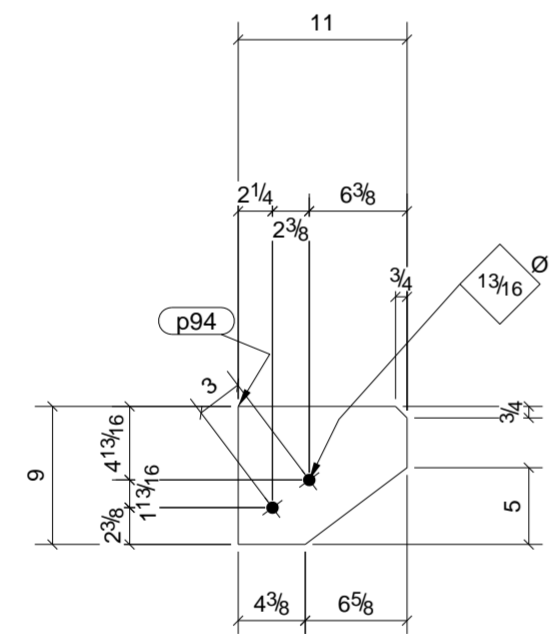
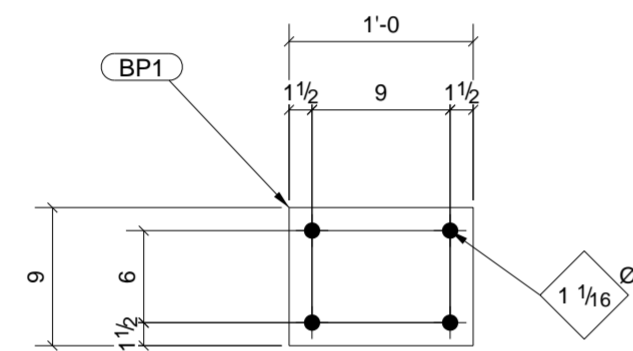
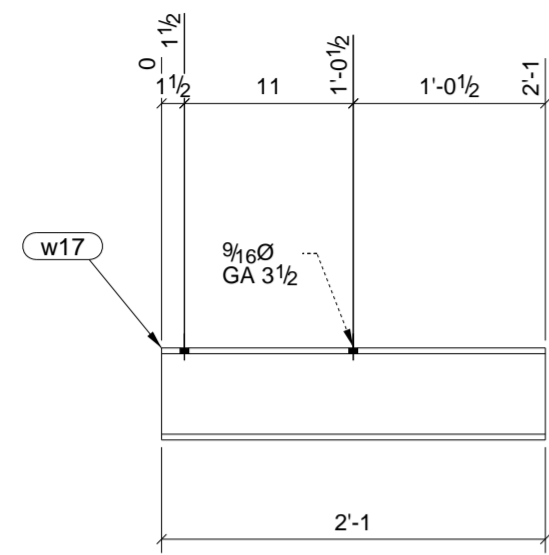


ONE - AIR SUPP'T TYPE 6 - M115

BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M115	1	W6X5.4	6'-8 3/4"		SQ-2 6061-T6 ALUMINUM
		1	BAR1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM
		1	BAR1/2"X9"	0'-11"	p94	6061-T6 ALUMINUM
		1	W6X5.4	2'-1"	w10	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: PIPE SUPPORT TYPE 6				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selingsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		TMc	08/02/2010	
		CHKD. BY	DATE	
TMAC		DRG. No.	REV.	
JOB No.	17-171-9	M115	1	

GRID LOCATION	BOTTOM ELEVATION
1-2/<A	488'-7 1/2"

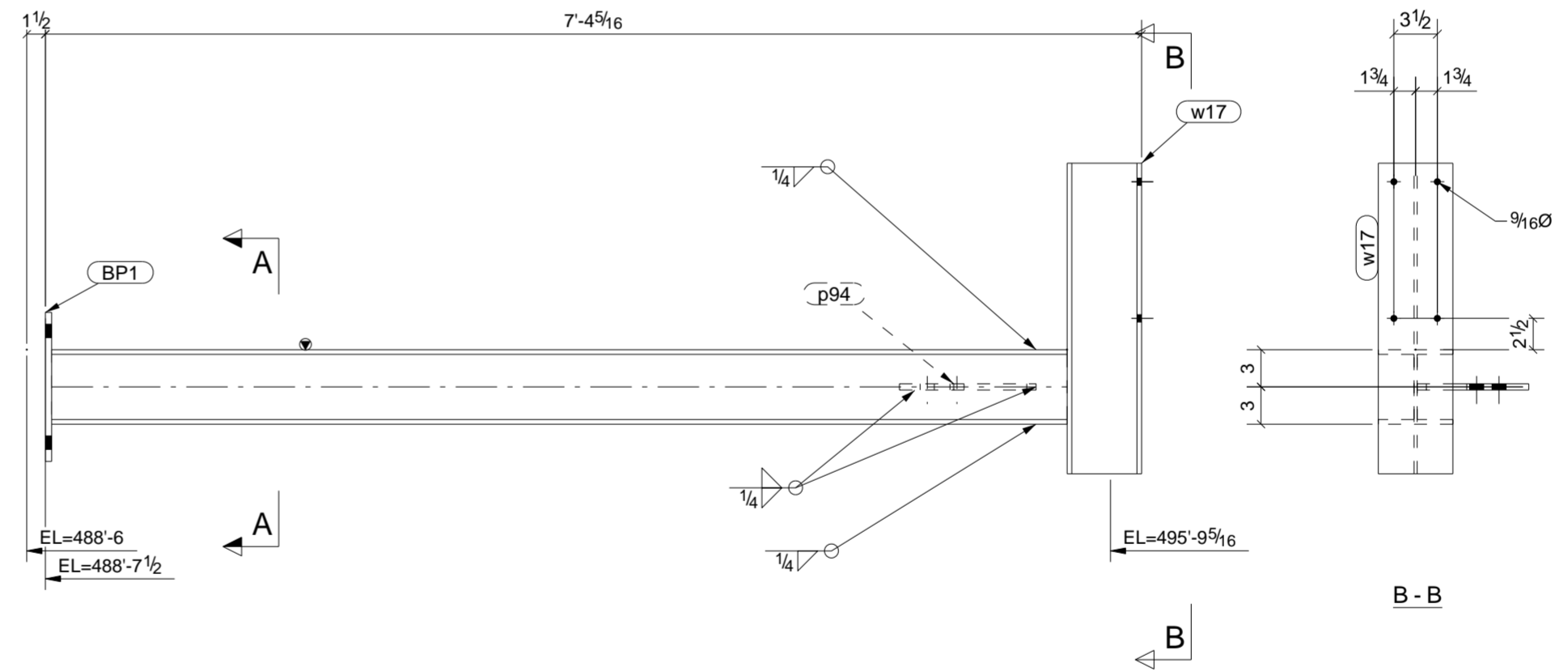
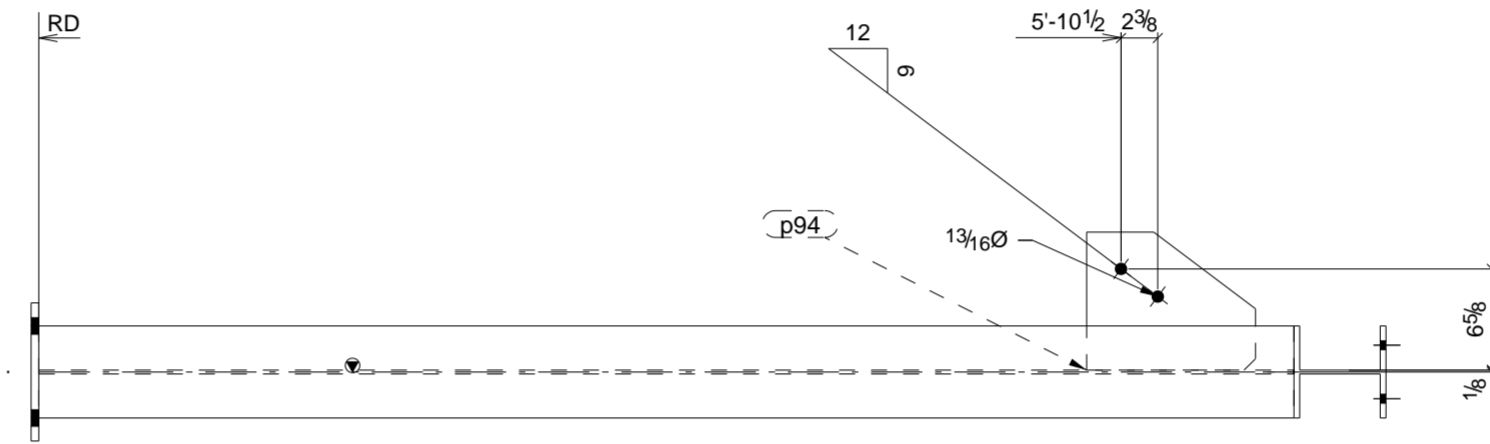
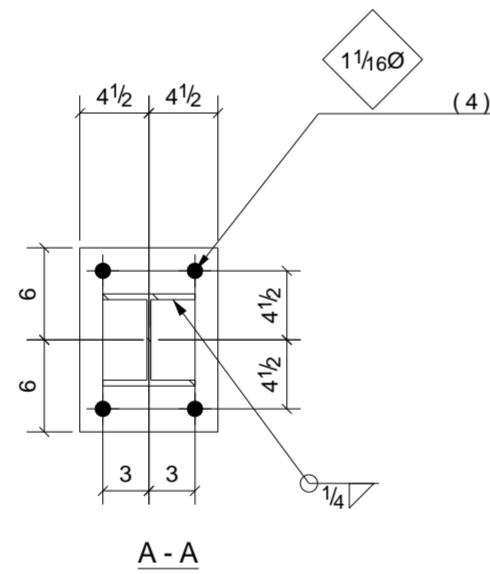
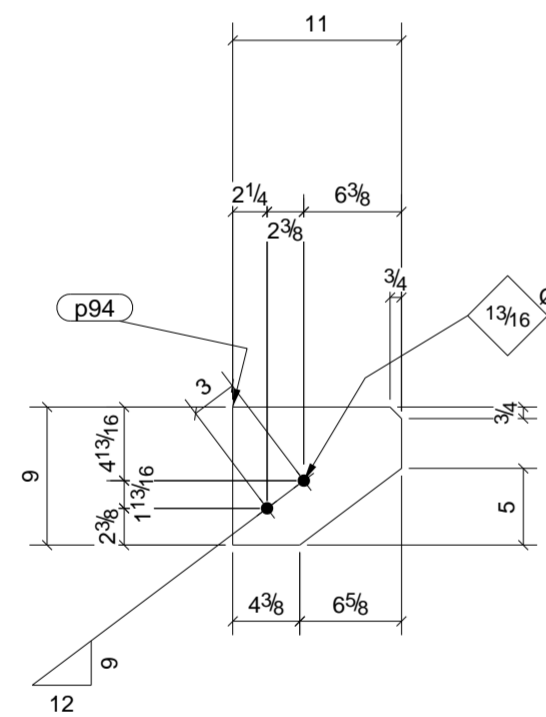
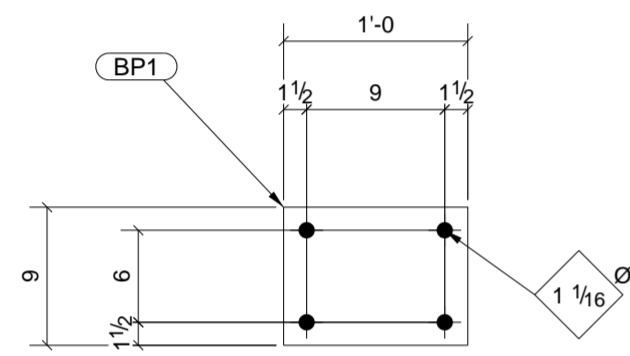
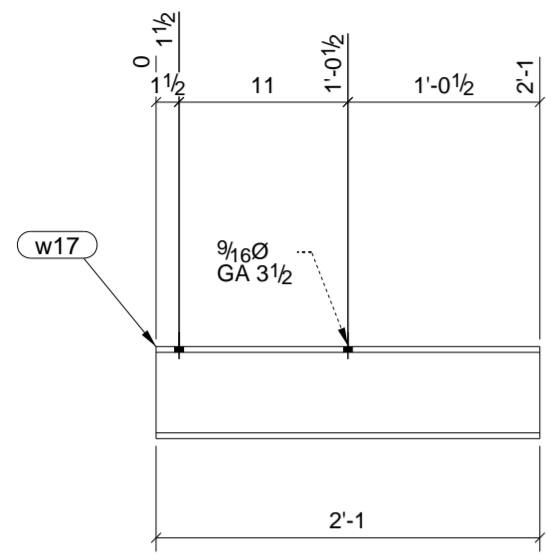


ONE - AIR SUPP'T TYPE 6 - M116

BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M116	1	W6X5.4	6'-9 5/16"		SQ-2 6061-T6 ALUMINUM
		1	BAR 1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM
		1	BAR 1/2"X9"	0'-11"	p94	6061-T6 ALUMINUM
		1	W6X5.4	2'-1"	w17	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC	
REV.		DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		SHOP
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.			APPROVAL
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: PIPE SUPPORT TYPE 6				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY	DATE
			TMc	08/02/2010
			CHKD. BY	DATE
			TMAC	
JOB No.	DRG. No.	REV.		
17-171-9	M116	1		

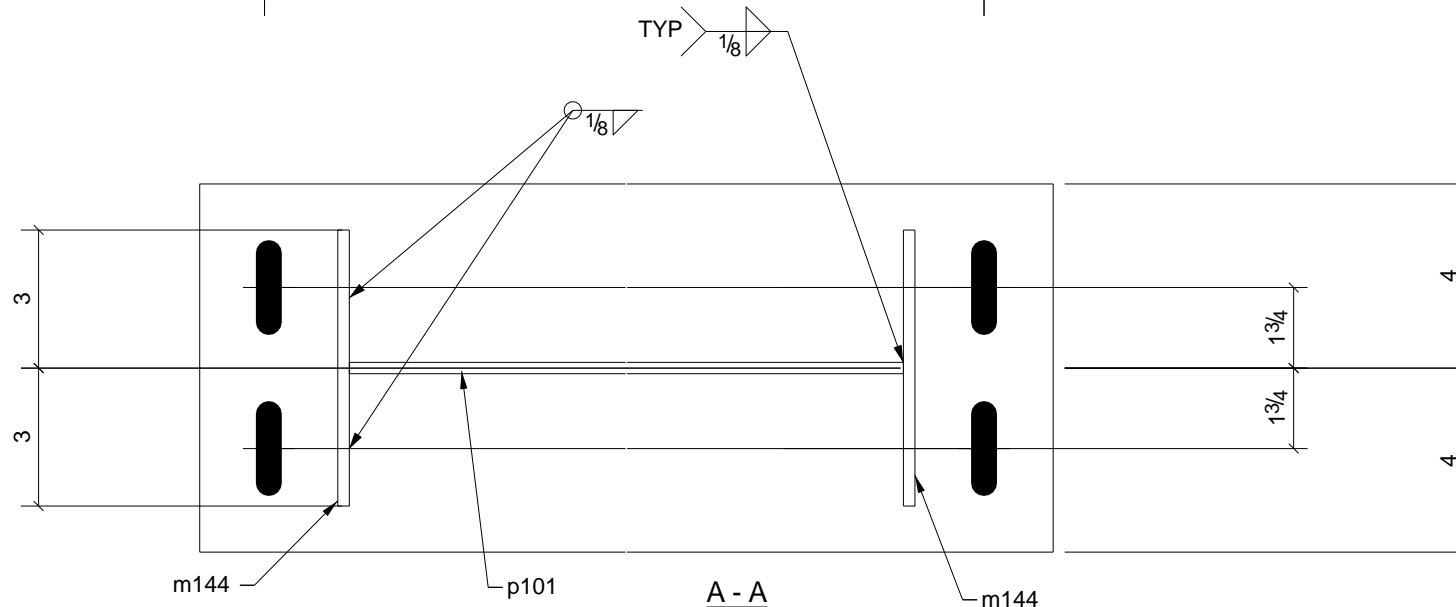
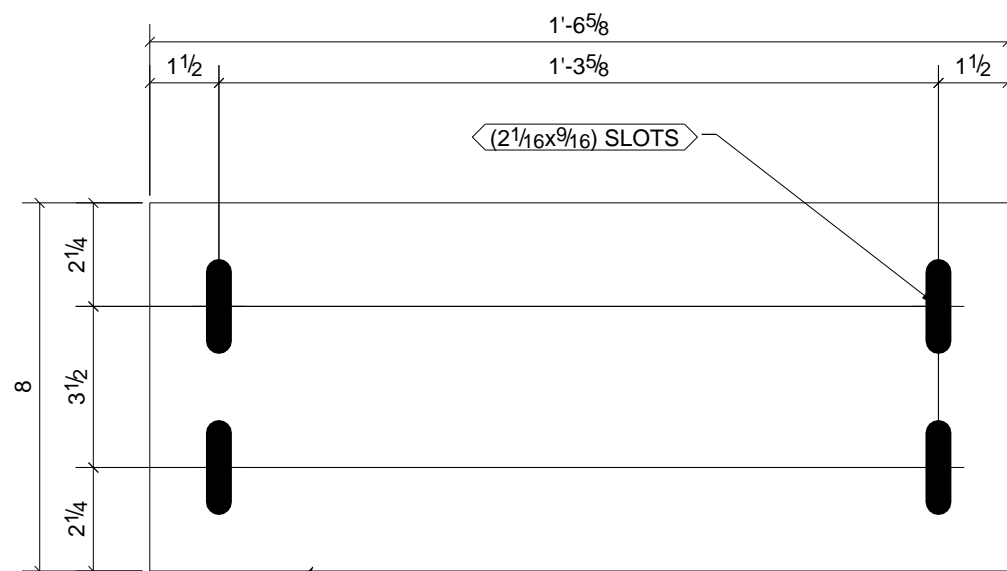
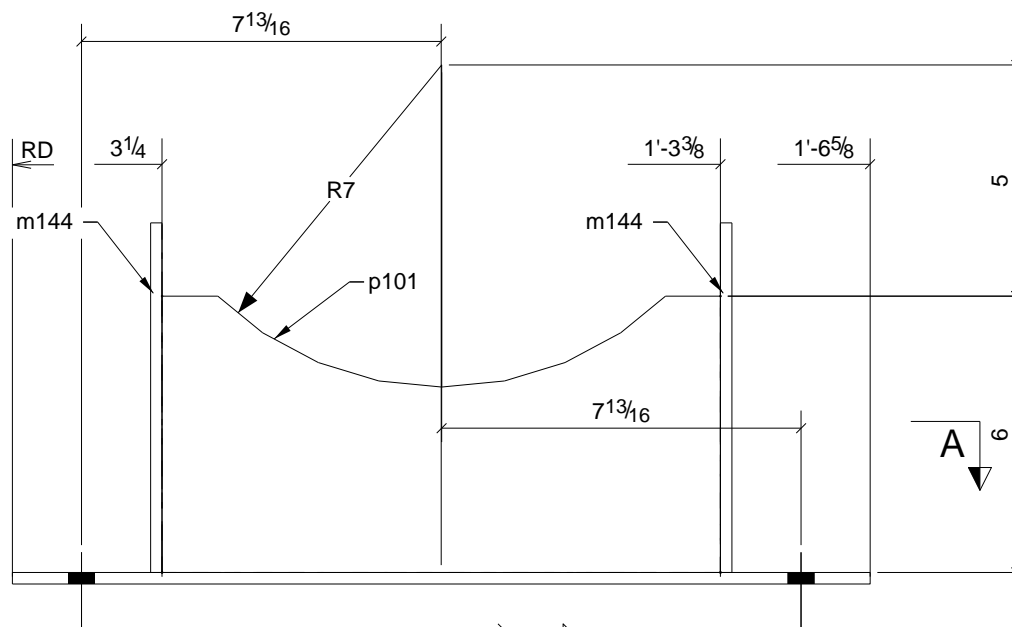
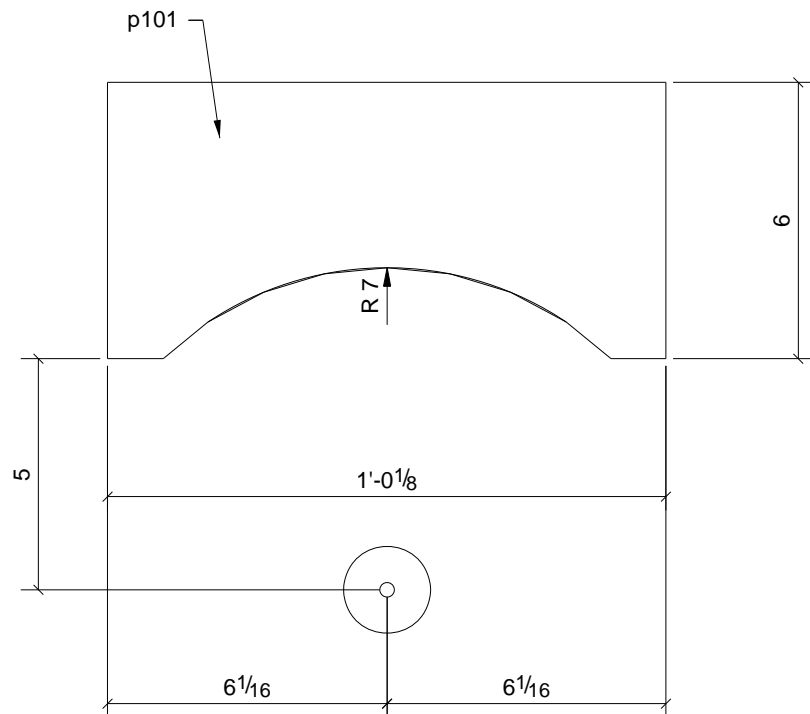
GRID LOCATION	BOTTOM ELEVATION
1-2/A	488'-7 1/2"



ONE - AIR SUPP'T TYPE 6 - M117

BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M117	1	W6X5.4	6'-9 13/16"		SQ-2 6061-T6 ALUMINUM
		1	BAR1/2"X9"	1'-0"	BP1	6061-T6 ALUMINUM
		1	BAR1/2"X9"	0'-11"	p94	6061-T6 ALUMINUM
		1	W6X5.4	2'-1"	w17	6061-T6 ALUMINUM

B	For Approval	8/02/10	TMAC		
REV.	DESCRIPTION	DATE	DWN	CHK	
GENERAL NOTES				JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.			APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS					
DESCRIPTION: PIPE SUPPORT TYPE 6					
PROJECT NAME: GREGG W.W.T.P.					
LOCATION: GREGG TWP.-UNION CO., PA					
CONTRACTOR: ZARTMAN					
A S P Services Inc 10 Lisalyn Rd. Selingsgrove, PA 17870 (570) 374-5333				DRAWN BY: TMc	DATE: 08/02/2010
				CHKD. BY: TMAC	DATE:
JOB No. 17-171-9	DRG. No. M117	REV. 1			



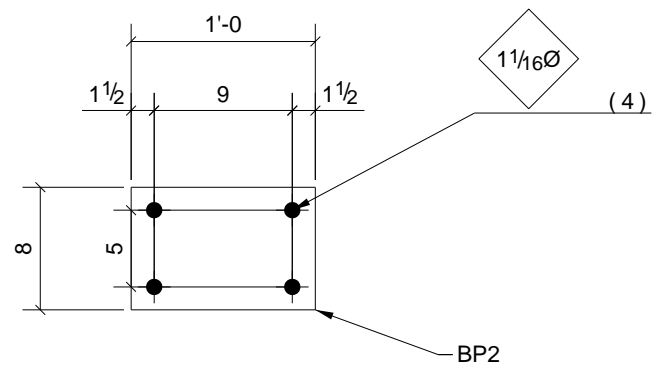
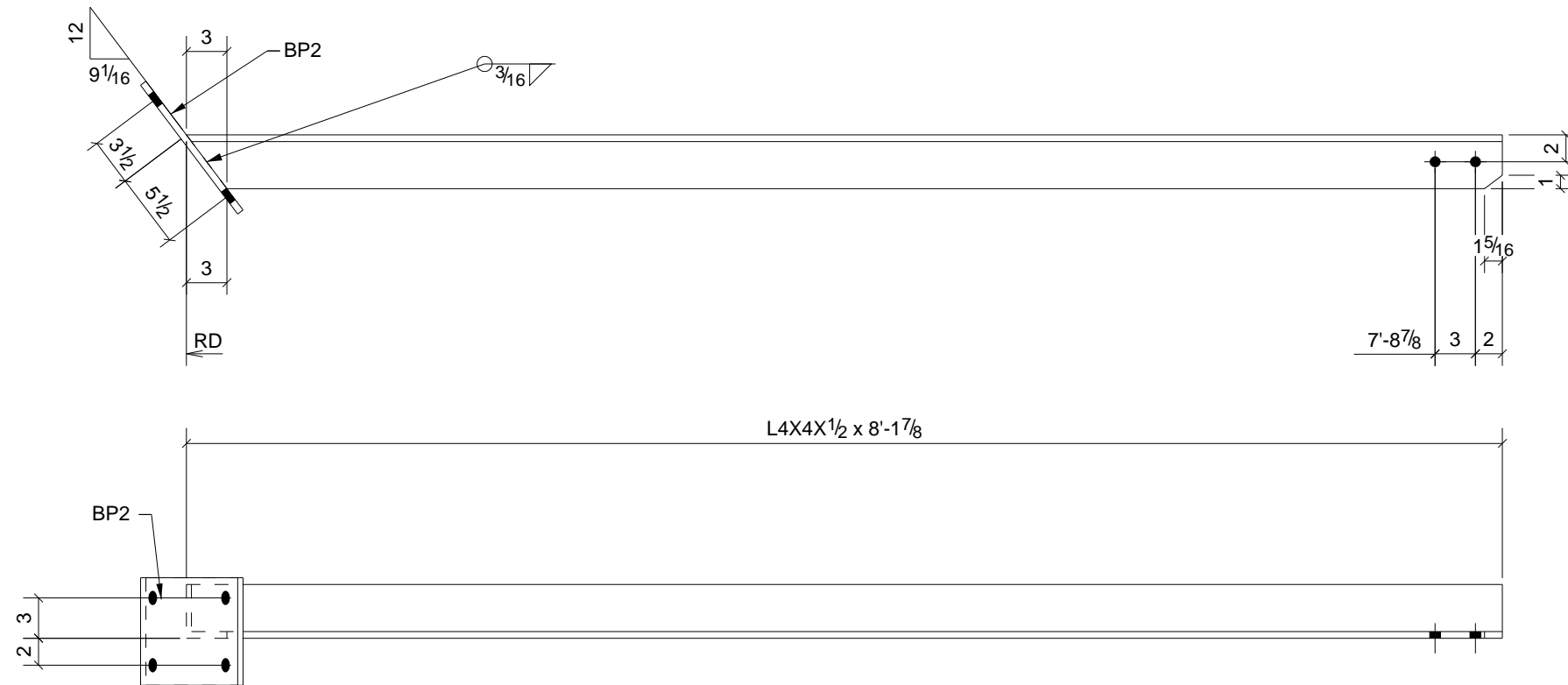
M118 FL 1/4" X 8

2 - AIR SUPP'T TYPE 8S - M118

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	M118	2	FL 1/4" X 8"	1'-6 5/8"		SQ-2 A304
		4	FL 1/4" X 6"	0'-7 5/8"	m144	A304
		2	PL 1/4" X 6"	1'-0 1/8"	p101	A304

B	For Approval & Field Use	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES		JOB USE		
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4" Ø A325-N-ST U.N.	SHOP		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL		
DESCRIPTION: PIPE SUPPORT TYPE 8				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p style="text-align: center;">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY TMc		DATE 08/06/2010
		CHKD. BY TMAC		DATE
		JOB No. 17-171-9	DRG. No. M118	REV. 1

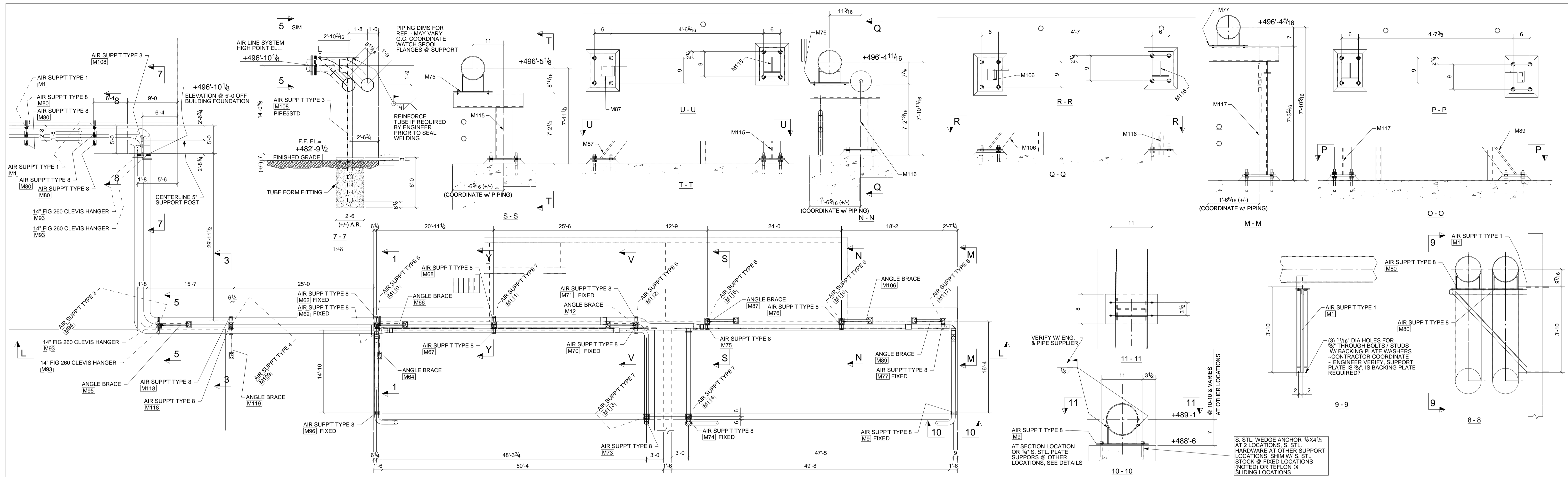


ONE - ANGLE BRACE - M119

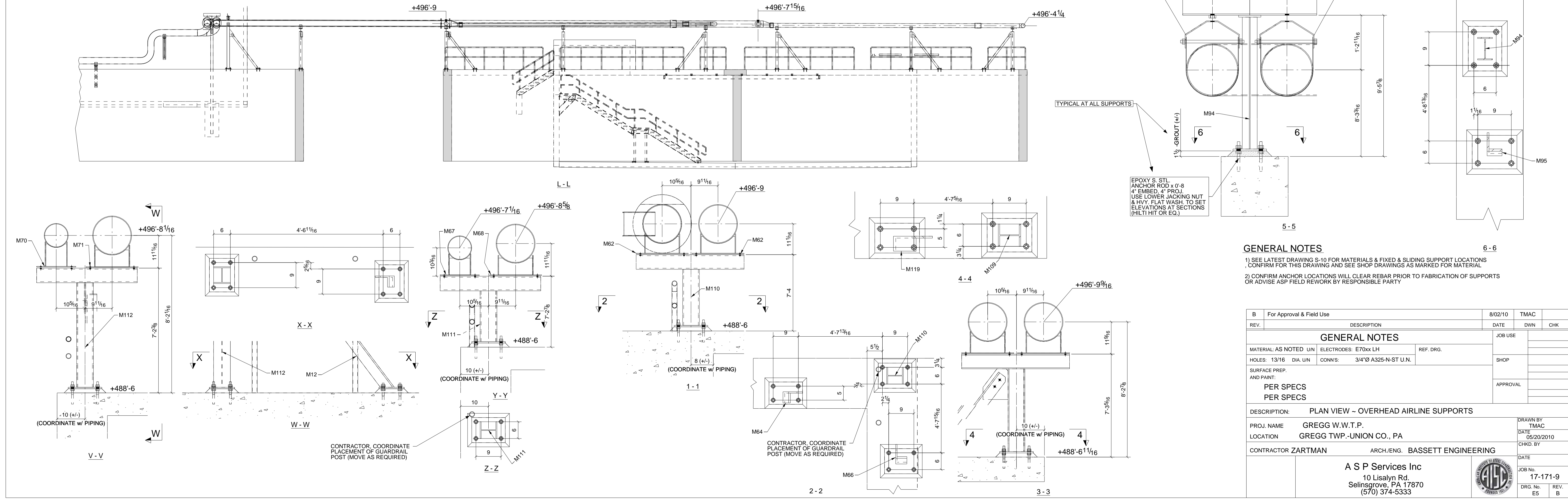
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M119	1	L4X4X1/2	8'-1 7/8"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	FL1/2"X8"	1'-0"	BP2	6061-T6 ALUMINUM

B	For Approval & Field Use	8/02/10	TMAC	
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: ANGLE BRACE				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY	DATE
			TMc	08/06/2010
			CHKD. BY	DATE
TMAC				
JOB No.	DRG. No.	REV.		
17-171-9	M119	1		



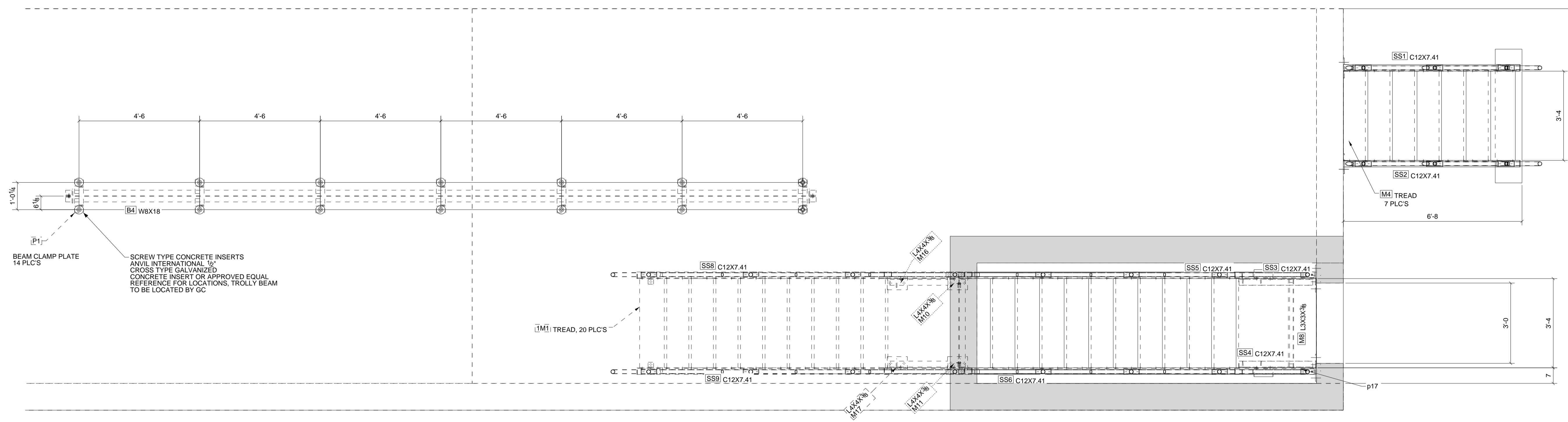
PLAN VIEW - OVERHEAD AIRLINE SUPPORTS



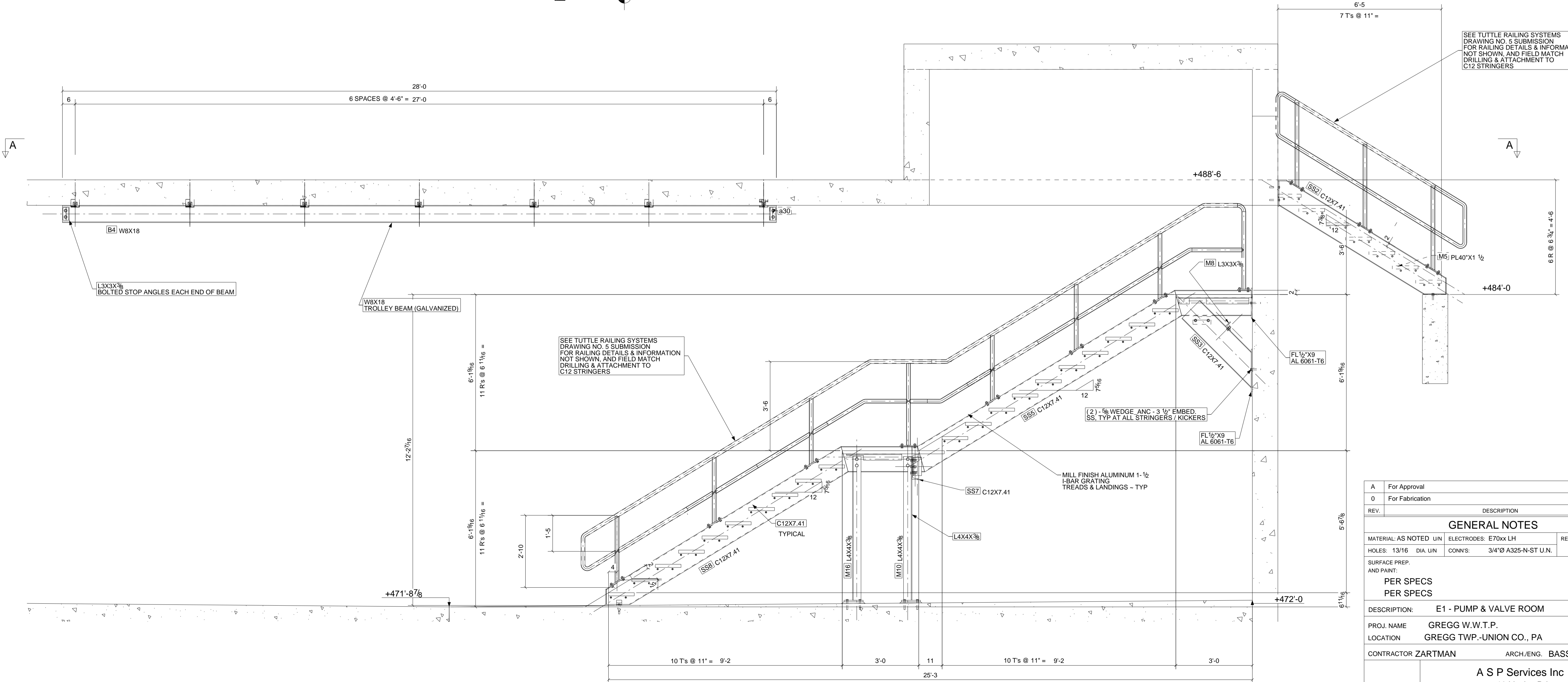
- GENERAL NOTES**
- SEE LATEST DRAWING S-10 FOR MATERIALS & FIXED & SLIDING SUPPORT LOCATIONS. CONFIRM FOR THIS DRAWING AND SEE DRAWINGS AS MARKED FOR MATERIAL.
 - CONFIRM ANCHOR LOCATIONS WILL CLEAR REBAR PRIOR TO FABRICATION OF SUPPORTS OR ADVISE ASP FIELD REWORK BY RESPONSIBLE PARTY.

B	For Approval & Field Use	8/02/10	TMAC
REV.	DESCRIPTION	DATE	DWN
GENERAL NOTES			
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	JOB USE
HOLES: 13/16 DIA. UN	CONN'S: 3/4"Ø A325-N-ST UN.		SHOP
SURFACE PREP. AND PAINT:			APPROVAL
PER SPECS			
DESCRIPTION: PLAN VIEW - OVERHEAD AIRLINE SUPPORTS			
PROJ. NAME	REGG W.W.T.P.	DRAWN BY	TMAC
LOCATION	REGG W.T.P. - UNION CO., PA	DATE	05/20/2010
CONTRACTOR	ZARTMAN	ARCH./ENG.	BASSETT ENGINEERING
			DATE
A S P Services Inc			JOB No.
10 Lisalyn Rd.			17-171-9
Selinsgrove, PA 17870			DRG. No.
(570) 374-5333			E5
			REV
			B





SECTION A - A



SEE TUTTLE RAILING SYSTEMS DRAWING NO. 5 SUBMISSION FOR RAILING DETAILS & INFORMATION NOT SHOWN AND FIELD MATCH DRILLING & ATTACHMENT TO C12 STRINGERS

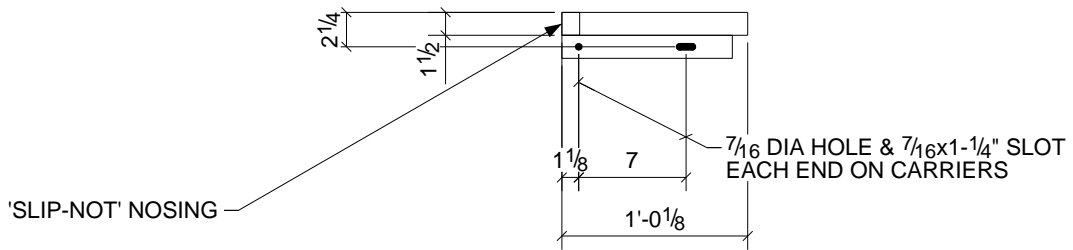
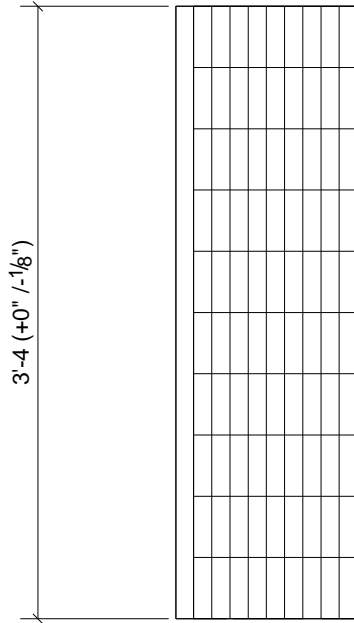
SEE TUTTLE RAILING SYSTEMS DRAWING NO. 5 SUBMISSION FOR RAILING DETAILS & INFORMATION NOT SHOWN AND FIELD MATCH DRILLING & ATTACHMENT TO C12 STRINGERS

MATERIAL NOTES:
 WASHES, CHANNELS: ASTM A992
 ANGLES, M, S-SHAPES: ASTM A36
 PLATE & BAR: ASTM A36
 HSS SECTIONS: ASTM A500, GR B
 ALL GRATING & EMBEDS ARE A6061 ALUMINUM. EMBEDS IN CONCRETE TO BE COATED BY OTHERS AS REQUIRED PER PROJECT SPECIFICATIONS FOR RESISTING AL-CONC. REACTIONS

This project shall be installed in accordance with Section 7 of the AISC Code of Standard Practice, which includes 7.14 Correction of Errors. That states the following:
 The correction of minor errors by reworking, grinding, welding or cutting and the drawing of elements into the work shall not be considered to be a correction of errors. Errors that cannot be corrected under the foregoing means, or that require major changes in member or connection configuration, shall be promptly reported to the architect responsible for design and construction, and the fabricator shall be allowed to make the necessary changes to correct errors. The architect shall be responsible for the most efficient and economical method of correction to be used by others.
 All steel work to be made with E70xx LH hydroxyd. electrodes.

A	For Approval	09/28/09	TMAC
0	For Fabrication	5/19/10	TMAC
REV.	DESCRIPTION	DATE	DWN CHK
GENERAL NOTES			
MATERIAL: AS NOTED UN		ELECTRODES: E70xx LH	REF. DRG.
HOLES: 13/16 DIA. UN		CONN'S: 3/4"Ø A325-N-ST U.N.	
SURFACE PREP:			SHOP
AND PAINT:			APPROVAL
PER SPECS			
PER SPECS			
DESCRIPTION: E1 - PUMP & VALVE ROOM			
PROJ. NAME	GREGG W.W.T.P.		DRAWN BY: TMAC
LOCATION	GREGG TWP.-UNION CO., PA		DATE: 09/22/2009
CONTRACTOR	ZARTMAN	ARCH./ENG. BASSETT ENGINEERING	CHKD. BY: TM
A S P Services Inc		DATE: 05/19/2010	JOB No. 17-171-9
10 Lisalyn Rd.			DRG. No. E1
Selinsgrove, PA 17870			REV. 0
(570) 374-5333			

TREAD - BAR GRATING 15-SGLi-4
 x 1'-0 1/8" WIDE, 3/16"x1-1/2" BARS @
 15/16" CENTERS, STRIATED SURFACE,
 MILL FINISH, SLIP-NOT NOSING,
 LENGTH INCLUDES BANDING E.E.



20	1M1
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
1M1	20	PL40"x1 1/2"	1'-0 1/8"	

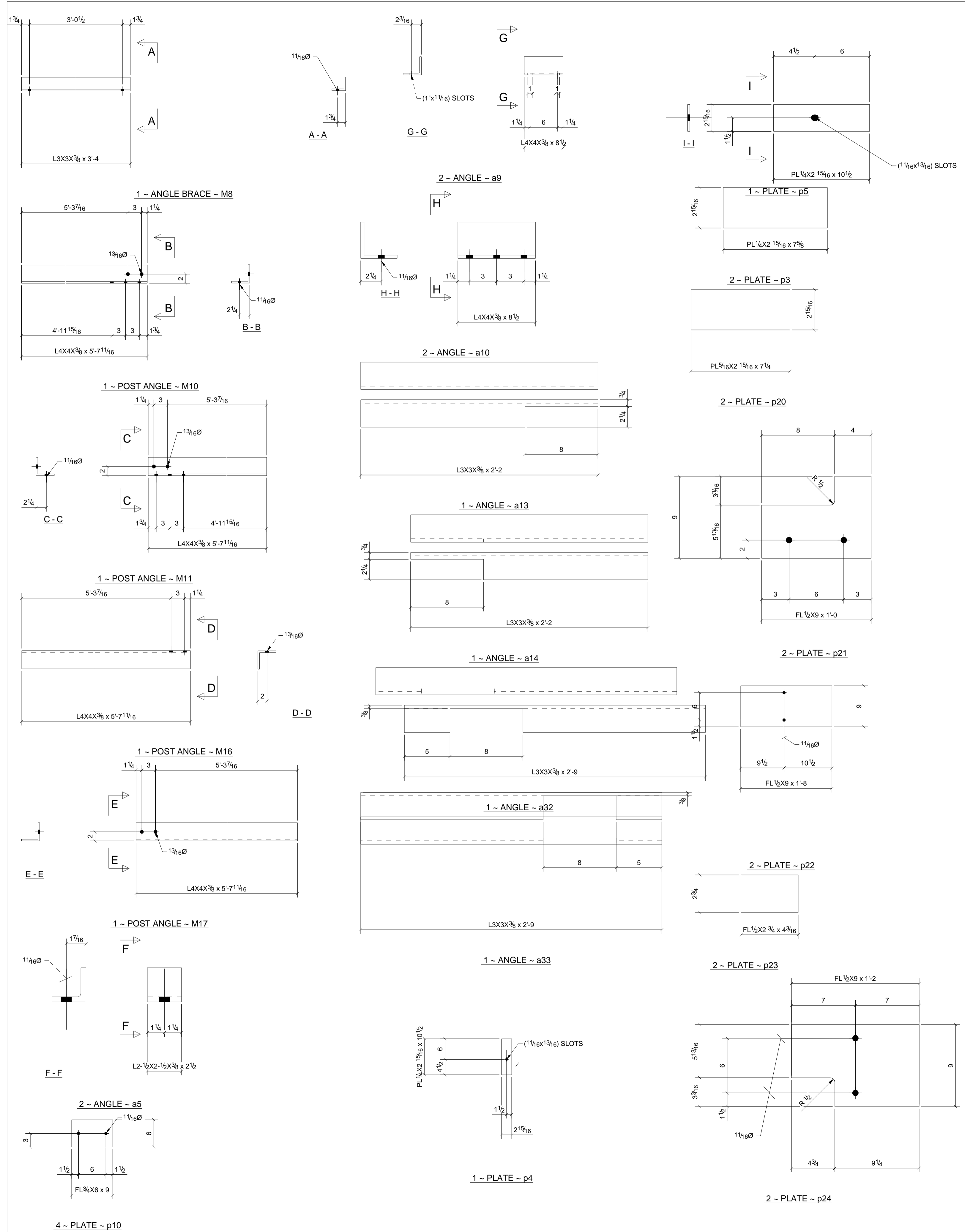
DESCRIPTION: GRATING TREAD

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

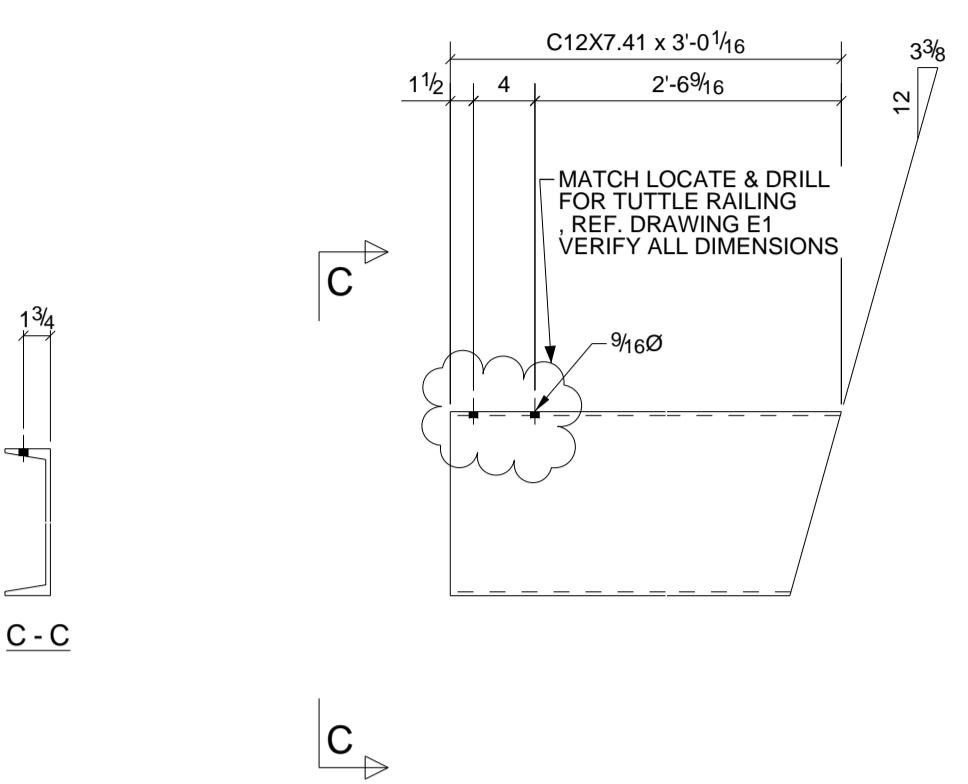
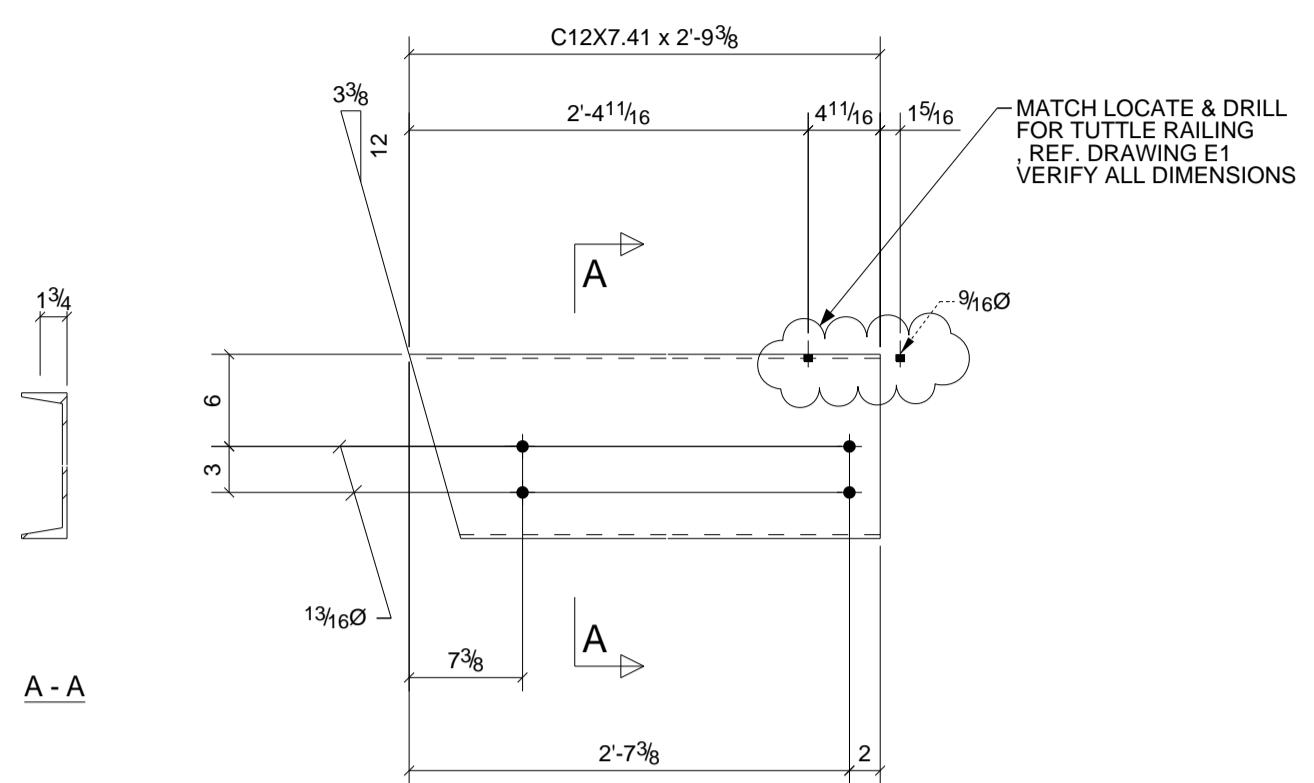
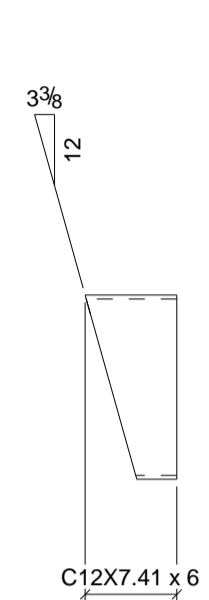
A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/27/2009
CHKD. BY TMc	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. 1M1



BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M8	1	L3X3X3/8	3'-4"		SQ-2 6061-T6 ALUMINUM
1	M10	1	L4X4X3/8	5'-7 11/16"		SQ-2 6061-T6 ALUMINUM
		1	FL3/4"X6"	0'-9"	p10	6061-T6 ALUMINUM
1	M11	1	L4X4X3/8	5'-7 11/16"		SQ-2 6061-T6 ALUMINUM
		1	FL3/4"X6"	0'-9"	p10	6061-T6 ALUMINUM
1	M16	1	L4X4X3/8	5'-7 11/16"		SQ-2 6061-T6 ALUMINUM
		1	FL3/4"X6"	0'-9"	p10	6061-T6 ALUMINUM
1	M17	1	L4X4X3/8	5'-7 11/16"		SQ-2 6061-T6 ALUMINUM
		1	FL3/4"X6"	0'-9"	p10	6061-T6 ALUMINUM
1	SS1	1	C12X7.41	7'-10 3/4"		BEV-2 6061-T6 ALUMINUM
		1	PL1/4"X2 15/16"	0'-7 5/8"	p3	6061-T6 ALUMINUM
		1	PL1/4"X2 15/16"	0'-10 1/2"	p4	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-0"	p21	6061-T6 ALUMINUM
		1	FL1/2"X2 3/4"	0'-4 3/16"	p23	6061-T6 ALUMINUM
1	SS2	1	C12X7.41	7'-10 3/4"		BEV-2 6061-T6 ALUMINUM
		1	PL1/4"X2 15/16"	0'-7 5/8"	p3	6061-T6 ALUMINUM
		1	PL1/4"X2 15/16"	0'-10 1/2"	p5	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-0"	p21	6061-T6 ALUMINUM
		1	FL1/2"X2 3/4"	0'-4 3/16"	p23	6061-T6 ALUMINUM
1	SS4	1	C12X7.41	3'-10 3/16"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a9	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-8"	p22	6061-T6 ALUMINUM
		2	5/8"Ø A304 BOLT	0'-1 3/4"		
1	SS5	1	C12X7.41	12'-1"		BEV-2 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a10	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-9"	a33	6061-T6 ALUMINUM
		1	C12X7.41	3'-0 1/16"	c7	6061-T6 ALUMINUM
		1	C12X7.41	0'-6"	c17	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-2"	p24	6061-T6 ALUMINUM
1	SS6	1	C12X7.41	12'-1"		BEV-2 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a10	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-9"	a32	6061-T6 ALUMINUM
		1	C12X7.41	3'-0 1/16"	c8	6061-T6 ALUMINUM
		1	C12X7.41	0'-6"	c16	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-2"	p24	6061-T6 ALUMINUM
1	SS8	1	C12X7.41	11'-1"		BEV-2 6061-T6 ALUMINUM
		1	L2-1/2X2-1/2X3/8	0'-2 1/2"	a5	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-2"	a13	6061-T6 ALUMINUM
		1	C12X7.41	2'-9 3/8"	c13	6061-T6 ALUMINUM
		1	PL5/16"X2 15/16"	0'-7 1/4"	p20	6061-T6 ALUMINUM
1	SS9	1	C12X7.41	11'-1"		BEV-2 6061-T6 ALUMINUM
		1	L2-1/2X2-1/2X3/8	0'-2 1/2"	a5	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-2"	a14	6061-T6 ALUMINUM
		1	C12X7.41	2'-9 3/8"	c12	6061-T6 ALUMINUM
		1	PL5/16"X2 15/16"	0'-7 1/4"	p20	6061-T6 ALUMINUM

0	For Fabrication	7/26/10	TMC	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED UN		ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA UN		CONNYS: 3/4"Ø A325-N-ST UN.	PLATE & ANGLE	SHOP
SURFACE PREP:				APPROVAL
AND PAINT:				
PER SPECS				
PER SPECS				
DESCRIPTION: AL STAIR GATHER SHEET				
PROJ. NAME	GREGG W.W.T.P.	DRAWN BY		
LOCATION	GREGG TWP.-UNION CO., PA	DATE		07/26/2010
CONTRACTOR	ZARTMAN	ARCH/ENG.	BASSETT ENGINEERING	CHKD. BY
DATE				
A S P Services Inc				JOB No.
10 Lisalyn Rd.				17-171-9
Selinsgrove, PA 17870				DRG. No.
(570) 374-5333				2
				REV
				0



MARK	QTY.	SIZE	LENGTH	COMMENTS
c17	1	C12X7.41	0'-6"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
DRAWN BY TMAC		DATE 09/28/2009		
CHKD. BY Tmc		DATE 07/19/2010		
JOB NO. 17-171-9		DRG. NO. c17		

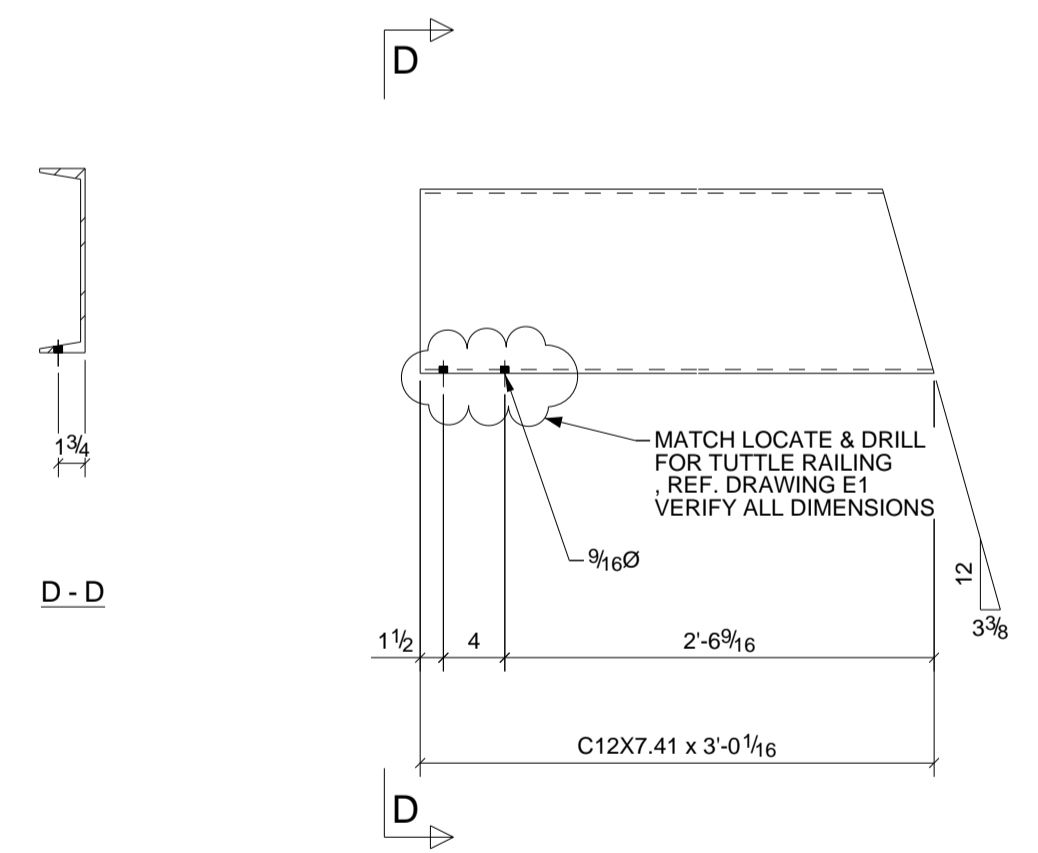
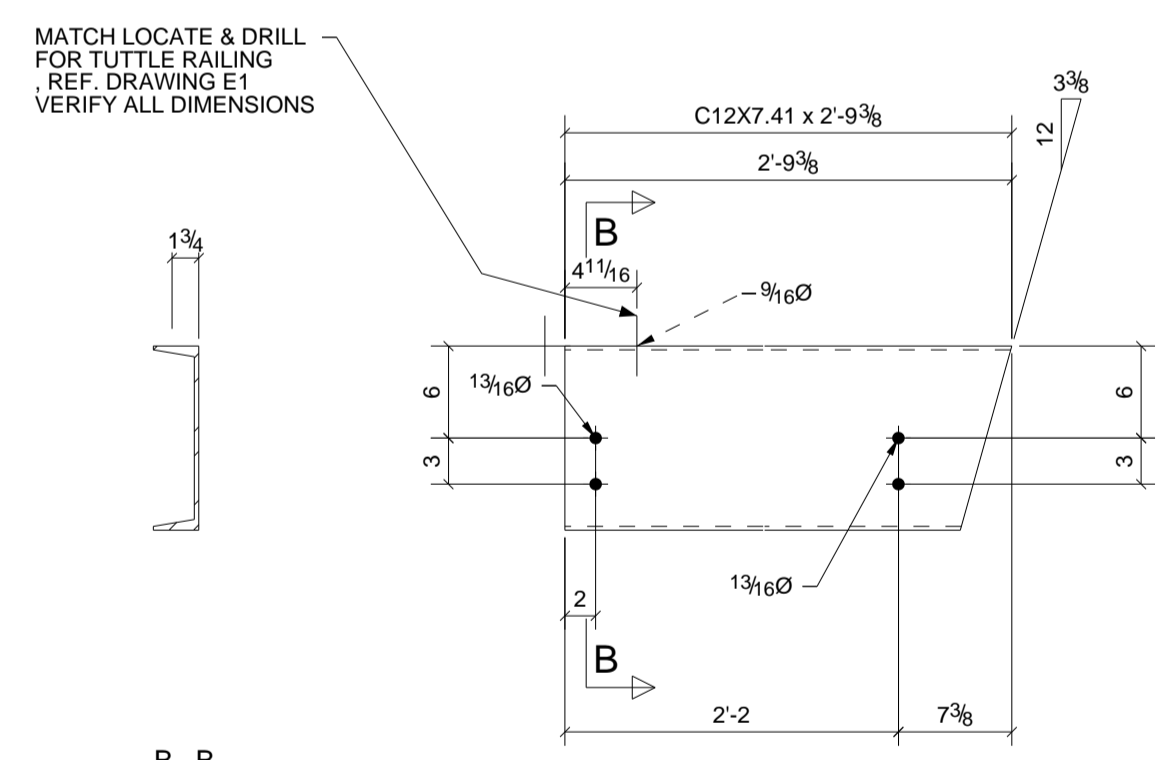
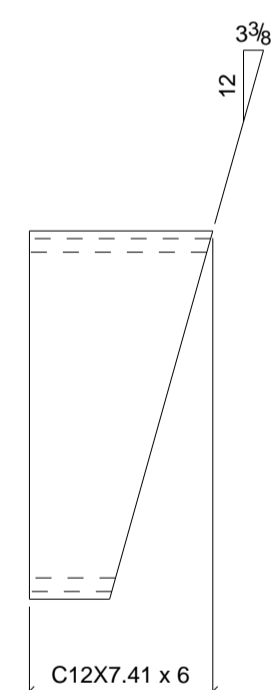
A S P Services Inc
10 Lisalyn Rd.
Selinsgrove, PA 17870
(570) 374-5333

MARK	QTY.	SIZE	LENGTH	COMMENTS
c13	1	C12X7.41	2'-9 3/8"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
DRAWN BY TMAC		DATE 09/27/2009		
CHKD. BY Tmc		DATE 07/19/2010		
JOB NO. 17-171-9		DRG. NO. c13		

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Selinsgrove, PA 17870
(570) 374-5333

MARK	QTY.	SIZE	LENGTH	COMMENTS
c8	1	C12X7.41	3'-0 1/16"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
DRAWN BY TMAC		DATE 09/27/2009		
CHKD. BY Tmc		DATE 07/19/2010		
JOB NO. 17-171-9		DRG. NO. c8		

A S P Services Inc
10 Lisalyn Rd.
Selinsgrove, PA 17870
(570) 374-5333



MARK	QTY.	SIZE	LENGTH	COMMENTS
c16	1	C12X7.41	0'-4"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
DRAWN BY TMAC		DATE 09/28/2009		
CHKD. BY Tmc		DATE 07/19/2010		
JOB NO. 17-171-9		DRG. NO. c16		

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10 Lisalyn Rd.
Selinsgrove, PA 17870
(570) 374-5333

MARK	QTY.	SIZE	LENGTH	COMMENTS
c12	1	C12X7.41	2'-9 3/8"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
DRAWN BY TMAC		DATE 09/27/2009		
CHKD. BY Tmc		DATE 07/19/2010		
JOB NO. 17-171-9		DRG. NO. c12		

A S P Services Inc
10 Lisalyn Rd.
Selinsgrove, PA 17870
(570) 374-5333

MARK	QTY.	SIZE	LENGTH	COMMENTS
c7	1	C12X7.41	3'-0 1/16"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
DRAWN BY TMAC		DATE 09/27/2009		
CHKD. BY Tmc		DATE 07/19/2010		
JOB NO. 17-171-9		DRG. NO. c7		

A S P Services Inc
10 Lisalyn Rd.
Selinsgrove, PA 17870
(570) 374-5333

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS5	1	C12X7.41	12'-1"		BEV-2 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a10	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-9"	a33	6061-T6 ALUMINUM
		1	C12X7.41	3'-0 1/16"	c7	6061-T6 ALUMINUM
		1	C12X7.41	0'-6"	c17	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-2"	p24	6061-T6 ALUMINUM
1	SS6	1	C12X7.41	12'-1"		BEV-2 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a10	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-9"	a32	6061-T6 ALUMINUM
		1	C12X7.41	3'-0 1/16"	c8	6061-T6 ALUMINUM
		1	C12X7.41	0'-6"	c16	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-2"	p24	6061-T6 ALUMINUM
1	SS8	1	C12X7.41	11'-1"		BEV-2 6061-T6 ALUMINUM
		1	L2-1/2X2-1/2X3/8	0'-2 1/2"	a5	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-2"	a13	6061-T6 ALUMINUM
		1	C12X7.41	2'-9 3/8"	c13	6061-T6 ALUMINUM
		1	PL5/16"X2 15/16"	0'-7 1/4"	p20	6061-T6 ALUMINUM
1	SS9	1	C12X7.41	11'-1"		BEV-2 6061-T6 ALUMINUM
		1	L2-1/2X2-1/2X3/8	0'-2 1/2"	a5	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-2"	a14	6061-T6 ALUMINUM
		1	C12X7.41	2'-9 3/8"	c12	6061-T6 ALUMINUM
		1	PL5/16"X2 15/16"	0'-7 1/4"	p20	6061-T6 ALUMINUM

MARK	QTY.	SIZE	LENGTH	COMMENTS
c16	1	C12X7.41	0'-4"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
DRAWN BY TMAC		DATE 09/28/2009		
CHKD. BY Tmc		DATE 07/19/2010		
JOB NO. 17-171-9		DRG. NO. c16		

A S P Services Inc
10 Lisalyn Rd.
Selinsgrove, PA 17870
(570) 374-5333

MARK	QTY.	SIZE	LENGTH	COMMENTS
c12	1	C12X7.41	2'-9 3/8"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
DRAWN BY TMAC		DATE 09/27/2009		
CHKD. BY Tmc		DATE 07/19/2010		
JOB NO. 17-171-9		DRG. NO. c12		

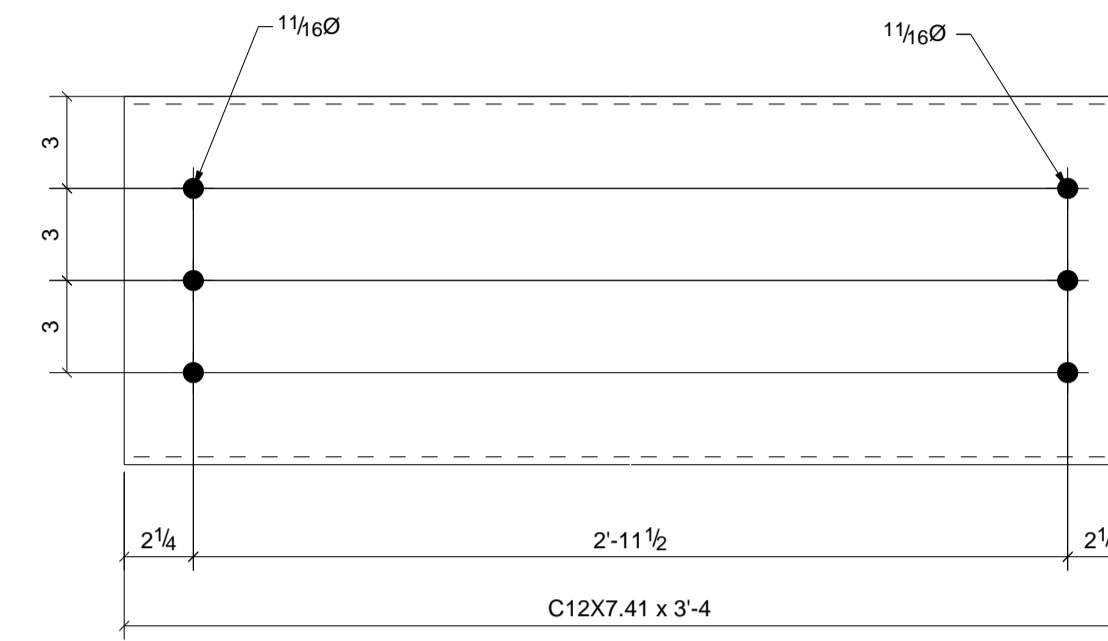
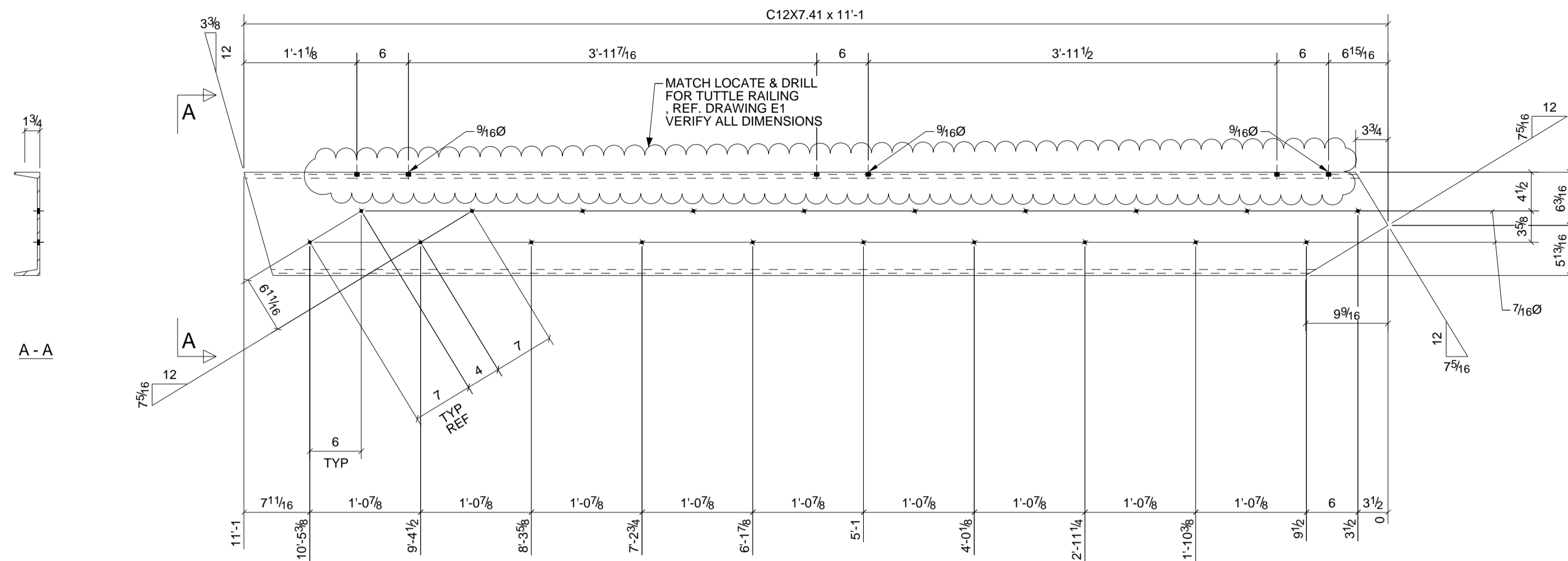
A S P Services Inc
10 Lisalyn Rd.
Selinsgrove, PA 17870
(570) 374-5333

MARK	QTY.	SIZE	LENGTH	COMMENTS
c7	1	C12X7.41	3'-0 1/16"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
DRAWN BY TMAC		DATE 09/27/2009		
CHKD. BY Tmc		DATE 07/19/2010		
JOB NO. 17-171-9		DRG. NO. c7		

A S P Services Inc
10 Lisalyn Rd.
Selinsgrove, PA 17870
(570) 374-5333

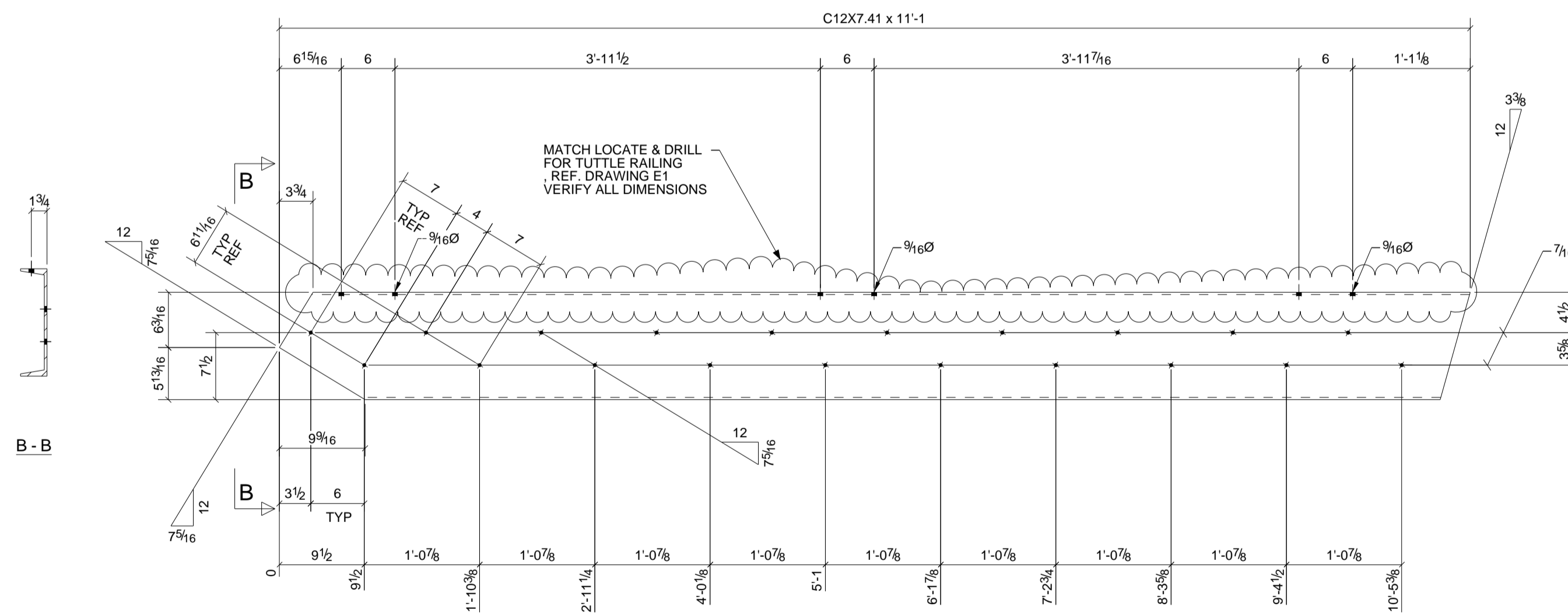
0	For Fabrication	7/26/10	Tmc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				
MATERIAL: AS NOTED UN		ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA UN		CONN'S: 3/4"Ø A325-N-ST U.N.	CHANNELS	
SURFACE PREP:		JOB USE		
AND PAINT:		SHOP		
PER SPECS		APPROVAL		
PER SPECS				
DESCRIPTION: AL STAIR GATHER SHEET				
PROJ. NAME GREGG W.W.T.P.		DRAWN BY		
LOCATION GREGG TWP.-UNION CO., PA		DATE 07/26/2010		
CONTRACTOR ZARTMAN		ARCH/ENG. BASSETT ENGINEERING		
		DATE		
		JOB No. 17-171-9		
		DRG. No. 3		
		REV. 0		





MARK	QTY.	SIZE	LENGTH	COMMENTS
SS9	1	C12X7.41	11'-1"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY: TMAC DATE: 09/27/2009 CHKD BY: TMc DATE: 07/19/2010 JOB No. 17-171-9 DRG. No. SS9	1 Qty. In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
SS7	1	C12X7.41	3'-4"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY: TMAC DATE: 09/27/2009 CHKD BY: TMc DATE: 07/19/2010 JOB No. 17-171-9 DRG. No. SS7	1 Qty. In Assembly



MARK	QTY.	SIZE	LENGTH	COMMENTS
SS8	1	C12X7.41	11'-1"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY: TMAC DATE: 09/27/2009 CHKD BY: TMc DATE: 07/19/2010 JOB No. 17-171-9 DRG. No. SS8	1 Qty. In Assembly

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS7	1	C12X7.41	3'-4"		SQ-2 6061-T6 ALUMINUM
1	SS8	1	C12X7.41	11'-1"		BEV-2 6061-T6 ALUMINUM
		1	L2-1/2X2-1/2X3/8	0'-2 1/2"	a5	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-2"	a13	6061-T6 ALUMINUM
		1	C12X7.41	2'-9 3/8"	c13	6061-T6 ALUMINUM
		1	PL5/16"X2 15/16"	0'-7 1/4"	p20	6061-T6 ALUMINUM
1	SS9	1	C12X7.41	11'-1"		BEV-2 6061-T6 ALUMINUM
		1	L2-1/2X2-1/2X3/8	0'-2 1/2"	a5	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-2"	a14	6061-T6 ALUMINUM
		1	C12X7.41	2'-9 3/8"	c12	6061-T6 ALUMINUM
		1	PL5/16"X2 15/16"	0'-7 1/4"	p20	6061-T6 ALUMINUM

B - B

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	7/26/10	TMc	TMAC

GENERAL NOTES

MATERIAL: AS NOTED UN ELECTRODES: E70xx LH REF. DRG. CHANNELS

HOLES: 13/16 DIA. UN CONNS: 3/4"Ø A325-N-ST U.N.

SURFACE PREP: PER SPECS PER SPECS

DESCRIPTION: AL STAIR GATHER SHEET

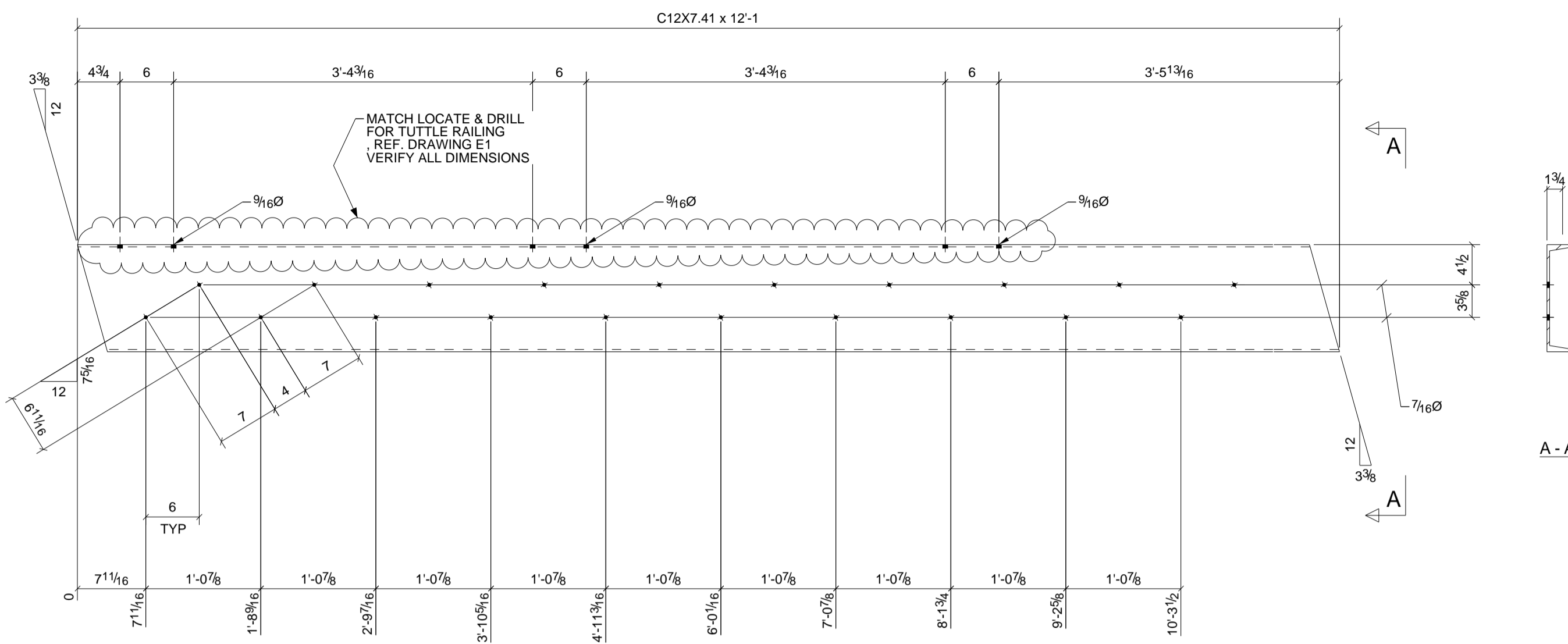
PROJ. NAME GREGG W.W.T.P. DATE 07/26/2010

LOCATION GREGG TWP.-UNION CO., PA

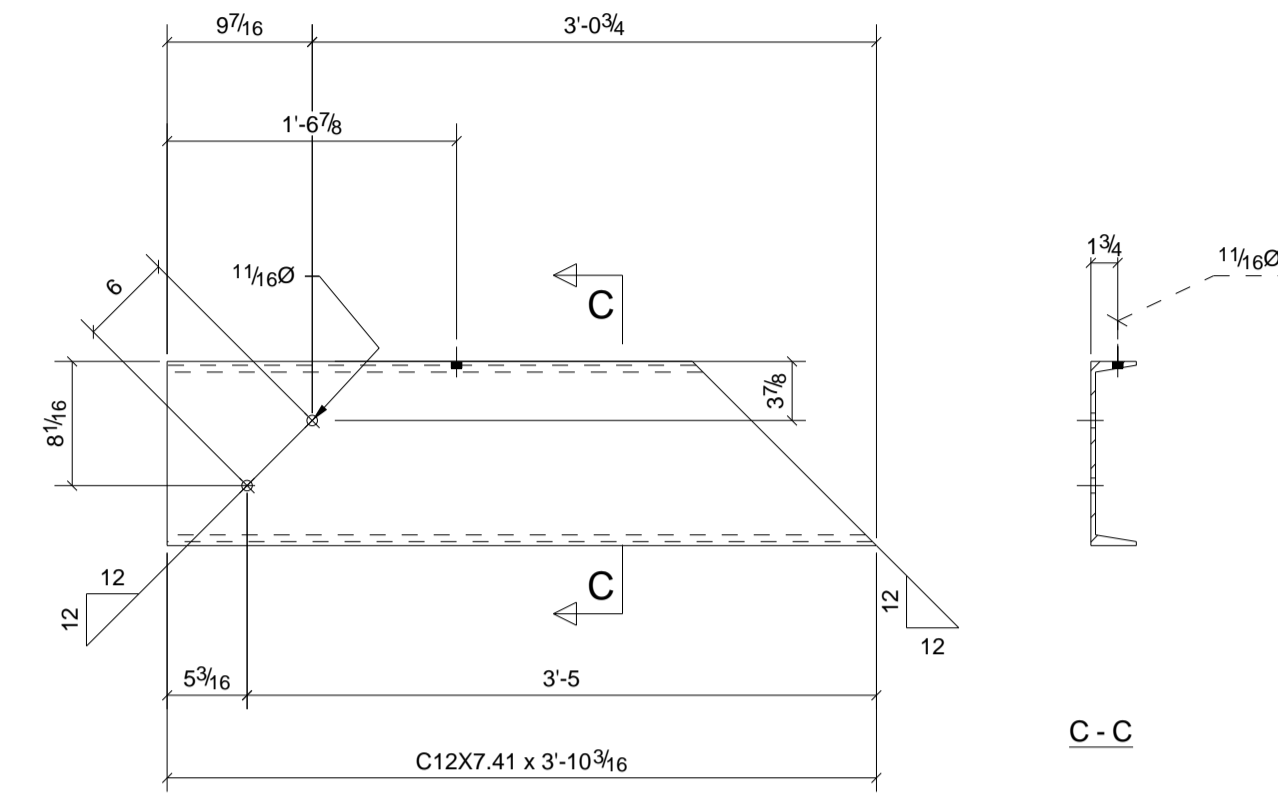
CONTRACTOR ZARTMAN ARCH/ENG. BASSETT ENGINEERING

A S P Services Inc
10 Lisalyn Rd.
Selinsgrove, PA 17870
(570) 374-5333

JOB No. 17-171-9
DRG. No. 4
REV. 0



A - A



C - C

MARK	QTY.	SIZE	LENGTH	COMMENTS
SS6	1	C12X7.41	12'-1"	1 In Assembly

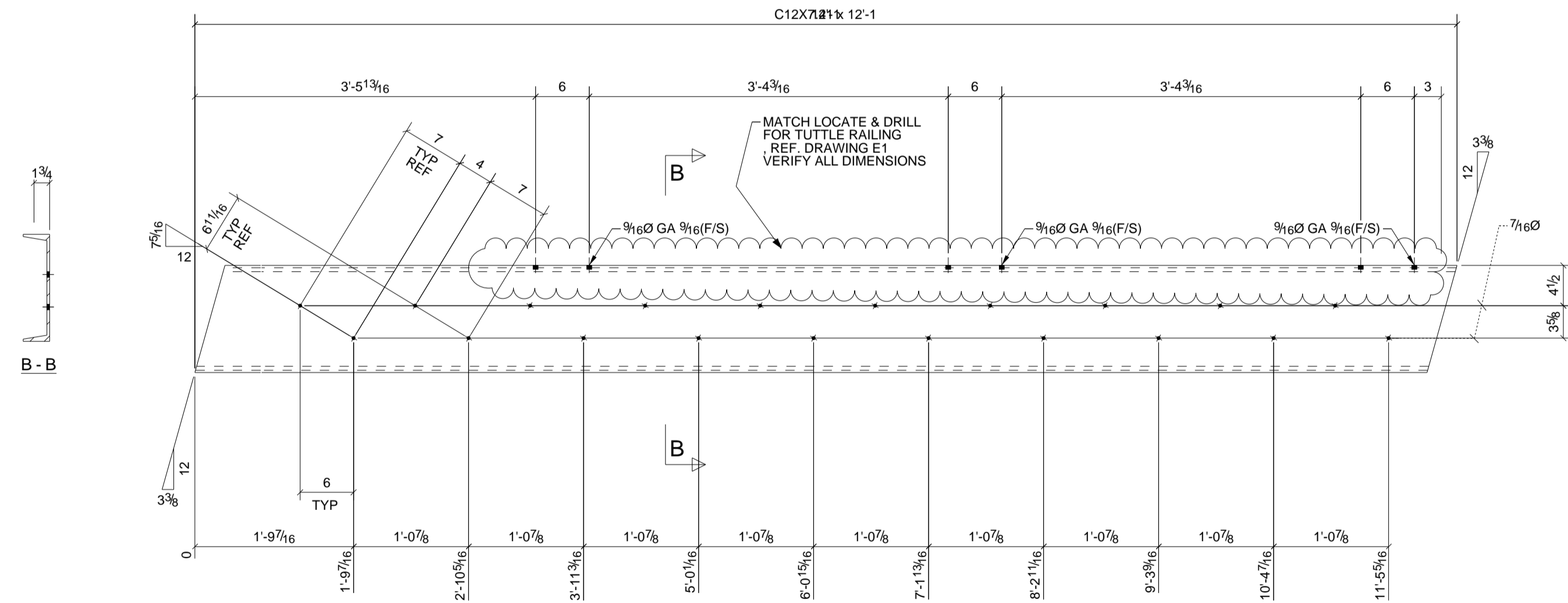
DESCRIPTION: STAIR STRINGER - ALUMINUM
 PROJECT NAME: GREGG W.W.T.P.
 LOCATION: GREGG TWP.-UNION CO., PA
 CUSTOMER: ZARTMAN

DRAWN BY: TMAC DATE: 09/27/2009
 CHKD BY: TMC DATE: 07/19/2010
 JOB NO.: 17-171-9 DRG. NO.: SS6

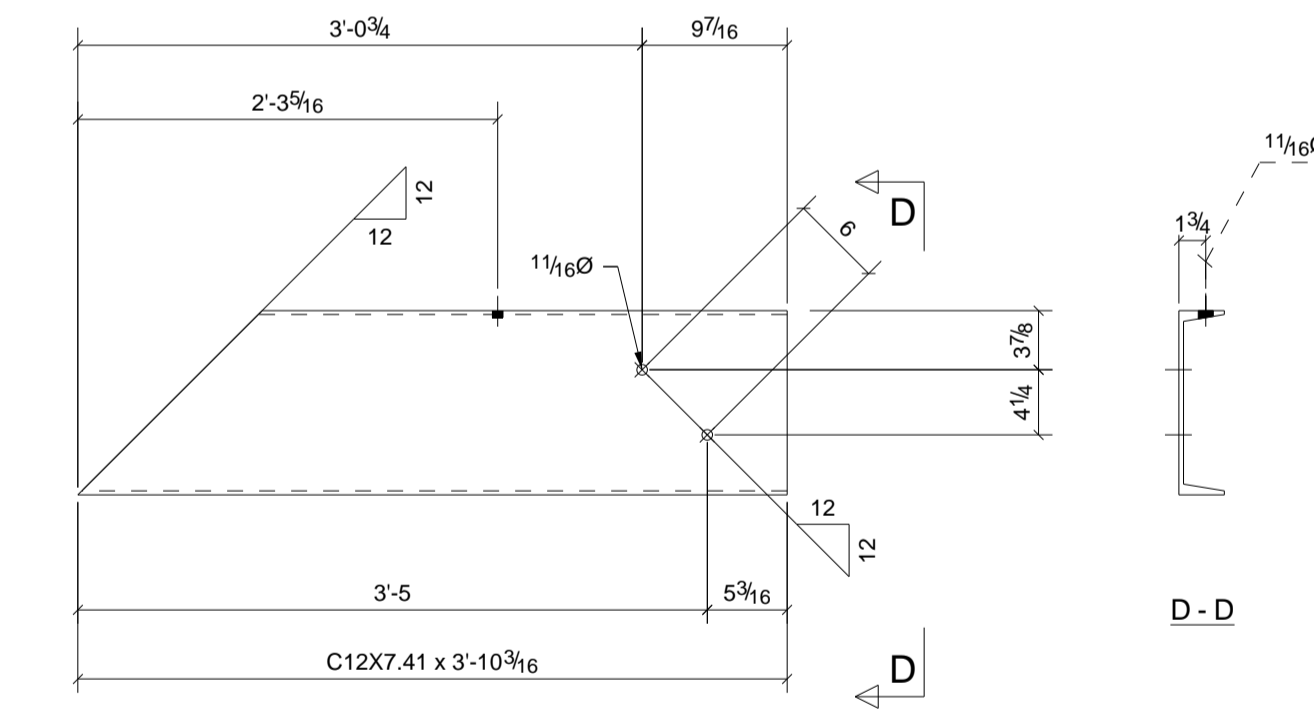
MARK	QTY.	SIZE	LENGTH	COMMENTS
SS4	1	C12X7.41	3'-10 3/16"	1 In Assembly

DESCRIPTION: STAIR STRINGER - ALUMINUM
 PROJECT NAME: GREGG W.W.T.P.
 LOCATION: GREGG TWP.-UNION CO., PA
 CUSTOMER: ZARTMAN

DRAWN BY: TMAC DATE: 09/27/2009
 CHKD BY: TMC DATE: 07/19/2010
 JOB NO.: 17-171-9 DRG. NO.: SS4



B - B



D - D

MARK	QTY.	SIZE	LENGTH	COMMENTS
SS5	1	C12X7.41	12'-1"	1 In Assembly

DESCRIPTION: STAIR STRINGER - ALUMINUM
 PROJECT NAME: GREGG W.W.T.P.
 LOCATION: GREGG TWP.-UNION CO., PA
 CUSTOMER: ZARTMAN

DRAWN BY: TMAC DATE: 09/28/2009
 CHKD BY: TMC DATE: 07/19/2010
 JOB NO.: 17-171-9 DRG. NO.: SS5

MARK	QTY.	SIZE	LENGTH	COMMENTS
SS3	1	C12X7.41	3'-10 3/16"	1 In Assembly

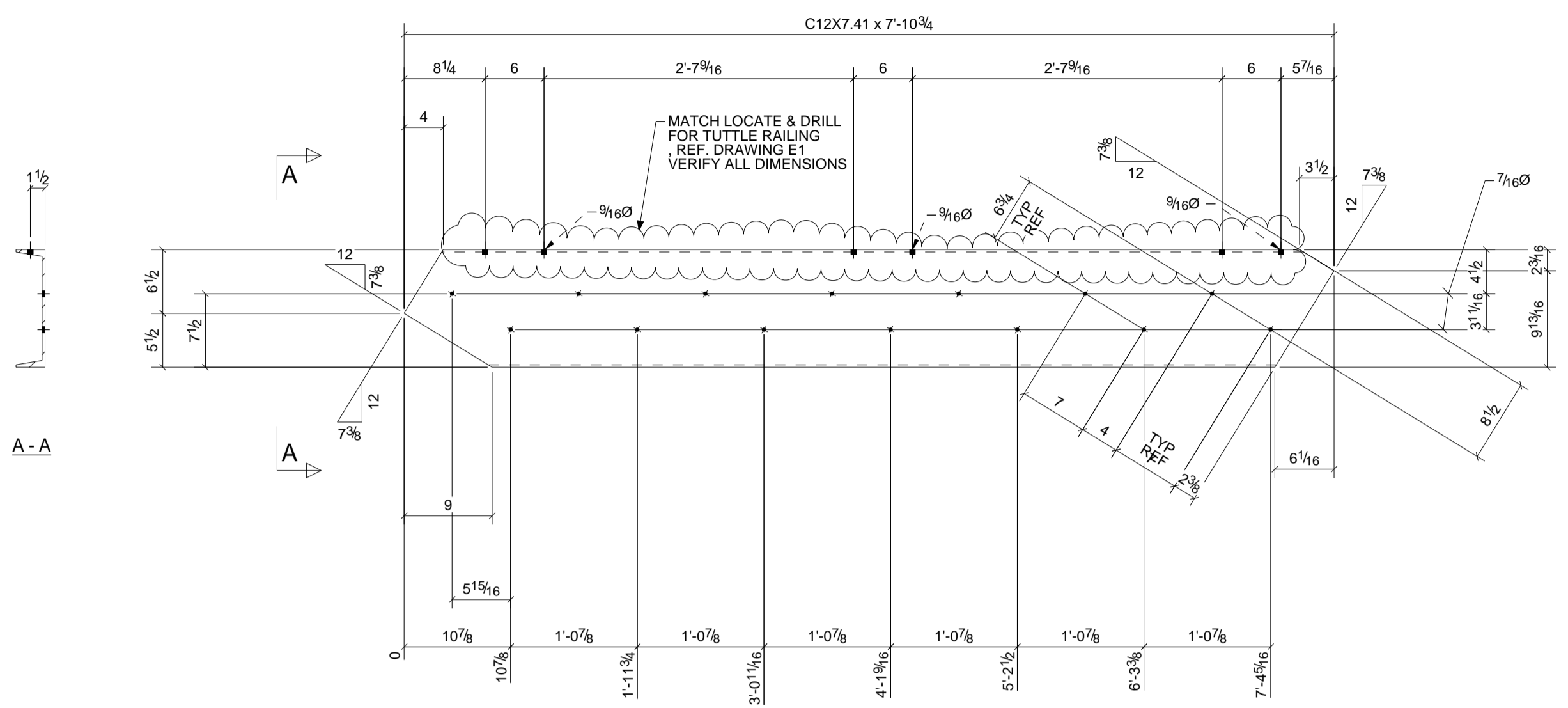
DESCRIPTION: STAIR STRINGER - ALUMINUM
 PROJECT NAME: GREGG W.W.T.P.
 LOCATION: GREGG TWP.-UNION CO., PA
 CUSTOMER: ZARTMAN

DRAWN BY: TMAC DATE: 09/27/2009
 CHKD BY: TMC DATE: 07/19/2010
 JOB NO.: 17-171-9 DRG. NO.: SS3

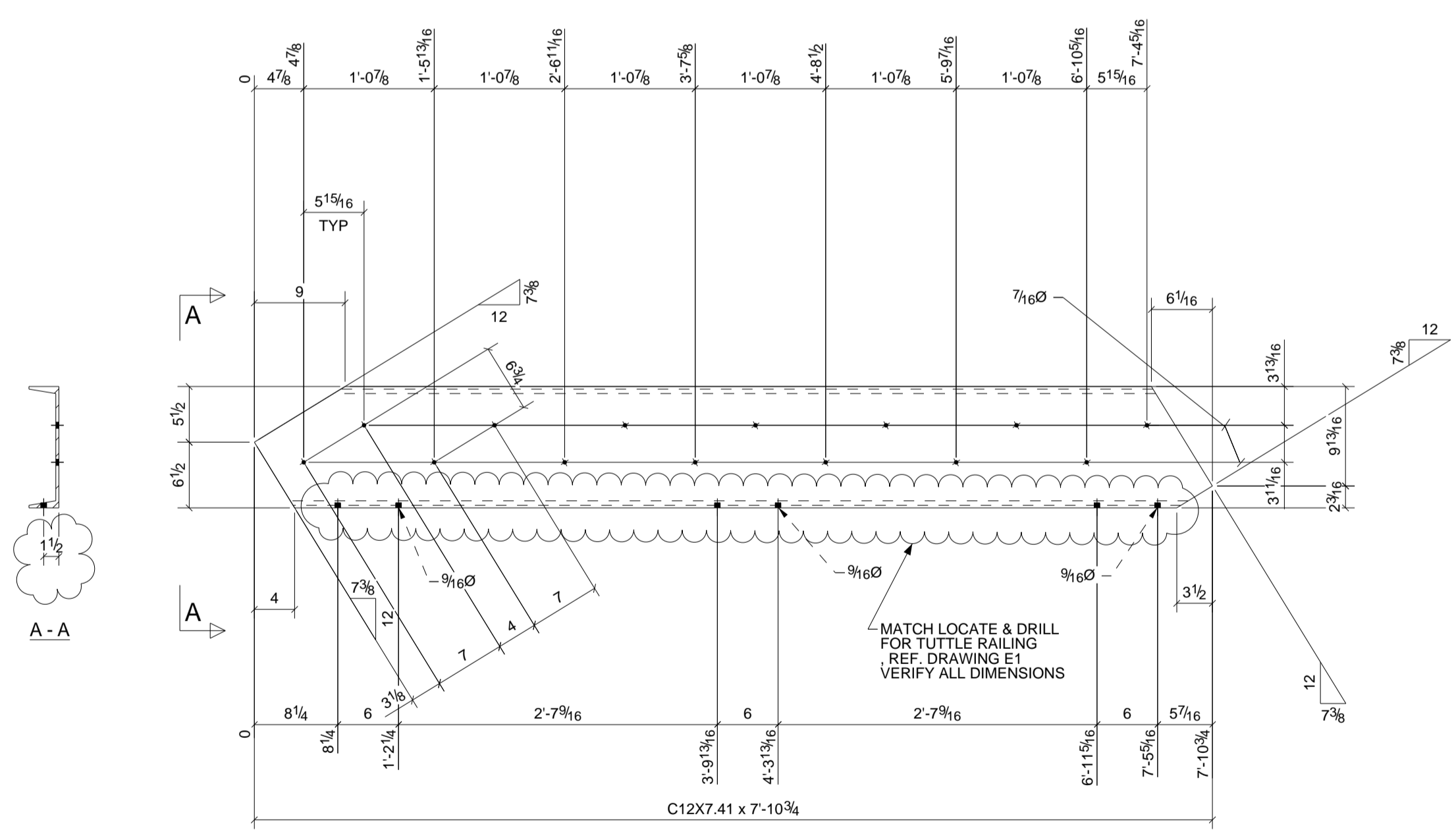
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS3	1	C12X7.41	3'-10 3/16"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a9	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-8"	p22	6061-T6 ALUMINUM
		2	5/8"Ø A304 BOLT	0'-1 3/4"		
1	SS4	1	C12X7.41	3'-10 3/16"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a9	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-8"	p22	6061-T6 ALUMINUM
		2	5/8"Ø A304 BOLT	0'-1 3/4"		
1	SS5	1	C12X7.41	12'-1"		BEV-2 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a10	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-9"	a33	6061-T6 ALUMINUM
		1	C12X7.41	3'-0 1/16"	c7	6061-T6 ALUMINUM
		1	C12X7.41	0'-6"	c17	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-2"	p24	6061-T6 ALUMINUM
1	SS6	1	C12X7.41	12'-1"		BEV-2 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a10	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-9"	a32	6061-T6 ALUMINUM
		1	C12X7.41	3'-0 1/16"	c8	6061-T6 ALUMINUM
		1	C12X7.41	0'-6"	c16	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-2"	p24	6061-T6 ALUMINUM

0	For Fabrication	7/26/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				
MATERIAL: AS NOTED UN		ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. UN		CONNYS: 3/4"Ø A325-N-ST. UN.	CHANNELS	
SURFACE PREP:		JOB USE		
AND PAINT:		SHOP		
PER SPECS		APPROVAL		
PER SPECS				
DESCRIPTION: AL STAIR GATHER SHEET				
PROJ. NAME: GREGG W.W.T.P.		DRAWN BY:		
LOCATION: GREGG TWP.-UNION CO., PA		DATE: 07/26/2010		
CONTRACTOR: ZARTMAN		ARCH/ENG: BASSETT ENGINEERING		
A S P Services Inc		JOB No.:		
10 Lisalyn Rd.		17-171-9		
Selinsgrove, PA 17870		DRG. No.:		
(570) 374-5333		5		
		REV.:		
		0		



MARK	QTY.	SIZE	LENGTH	COMMENTS
SS2	1	C12X7.41	7'-10 3/4"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY: TMAC DATE: 09/27/2009	17-171-9 SS2

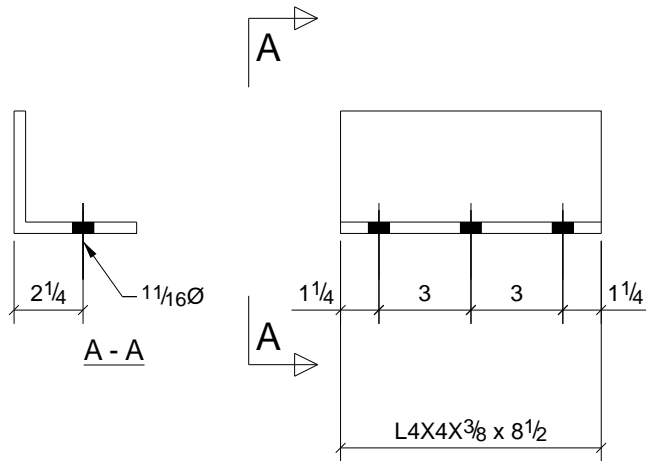


MARK	QTY.	SIZE	LENGTH	COMMENTS
SS1	1	C12X7.41	7'-10 3/4"	
DESCRIPTION: STAIR STRINGER - ALUMINUM				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY: TMAC DATE: 09/27/2009	17-171-9 SS1

BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS1	1 C12X7.41	7'-10 3/4"		BEV-2 6061-T6 ALUMINUM
		1 PL1/4"X2 15/16"	0'-7 5/8"	p3	6061-T6 ALUMINUM
		1 PL1/4"X2 15/16"	0'-10 1/2"	p4	6061-T6 ALUMINUM
		1 FL1/2"X9"	1'-0"	p21	6061-T6 ALUMINUM
		1 FL1/2"X2 3/4"	0'-4 3/16"	p23	6061-T6 ALUMINUM
1	SS2	1 C12X7.41	7'-10 3/4"		BEV-2 6061-T6 ALUMINUM
		1 PL1/4"X2 15/16"	0'-7 5/8"	p3	6061-T6 ALUMINUM
		1 PL1/4"X2 15/16"	0'-10 1/2"	p5	6061-T6 ALUMINUM
		1 FL1/2"X9"	1'-0"	p21	6061-T6 ALUMINUM
		1 FL1/2"X2 3/4"	0'-4 3/16"	p23	6061-T6 ALUMINUM

0	For Fabrication	7/26/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				
MATERIAL: AS NOTED UN		ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA UN		CONN'S: 3/4"Ø A325-N-ST U.N.	CHANNELS	
SURFACE PREP:		SHOP		
AND PAINT:		APPROVAL		
PER SPECS				
PER SPECS				
DESCRIPTION: AL STAIR GATHER SHEET				
PROJ. NAME	GREGG W.W.T.P.	DRAWN BY		
LOCATION	GREGG TWP.-UNION CO., PA	DATE	07/26/2010	
CONTRACTOR	ZARTMAN	ARCH/ENG.	BASSETT ENGINEERING	
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DATE	17-171-9	
		DRG. No.	6	
		REV.	0	



1	SS5
1	SS6
Qty.	In Assembly

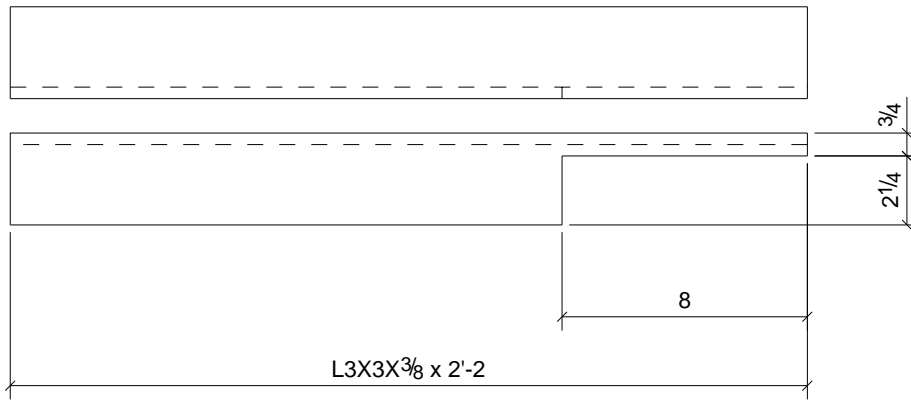
MARK	QTY.	SIZE	LENGTH	COMMENTS
a10	2	L4X4X3/8	0'-8 1/2"	

DESCRIPTION: ANGLE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/29/2009
	CHKD. BY Tmc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. a10



1	SS8
Qty.	In Assembly

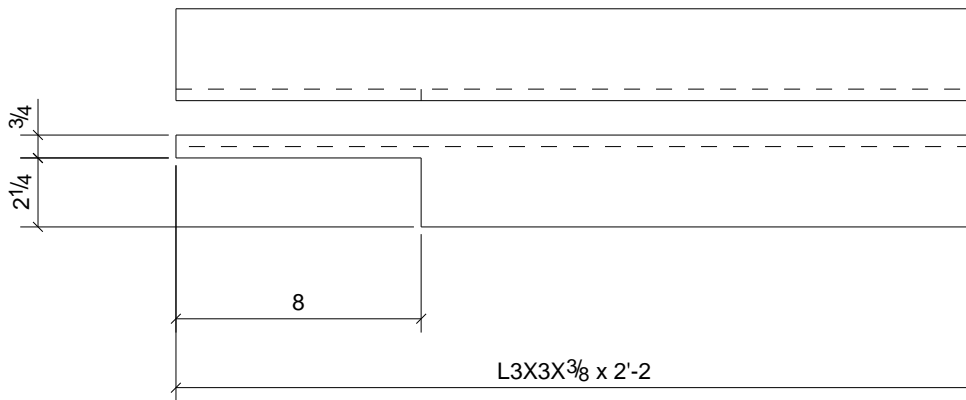
MARK	QTY.	SIZE	LENGTH	COMMENTS
a13	1	L3X3X3/8	2'-2"	

DESCRIPTION: ANGLE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/29/2009
	CHKD. BY Tmc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. a13



1	SS9
Qty.	In Assembly

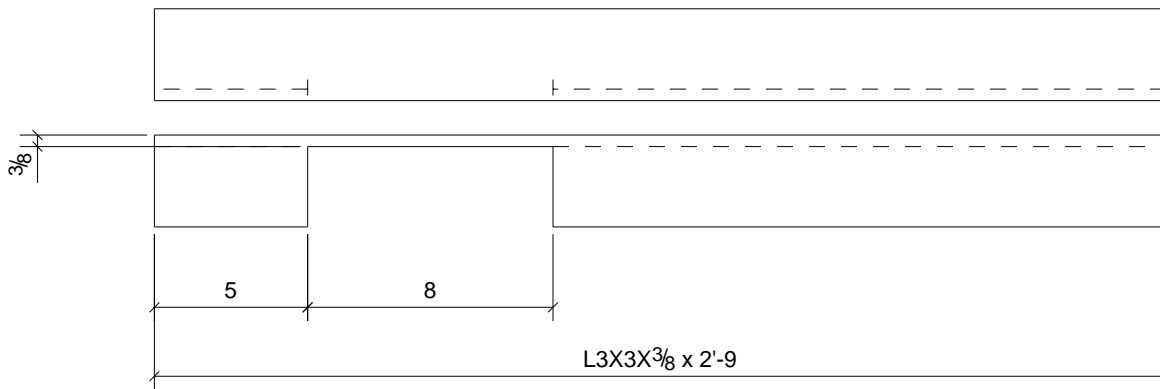
MARK	QTY.	SIZE	LENGTH	COMMENTS
a14	1	L3X3X3/8	2'-2"	

DESCRIPTION: ANGLE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/29/2009
	CHKD. BY TMc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. a14



1	SS6
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
a32	1	L3X3X3/8	2'-9"	

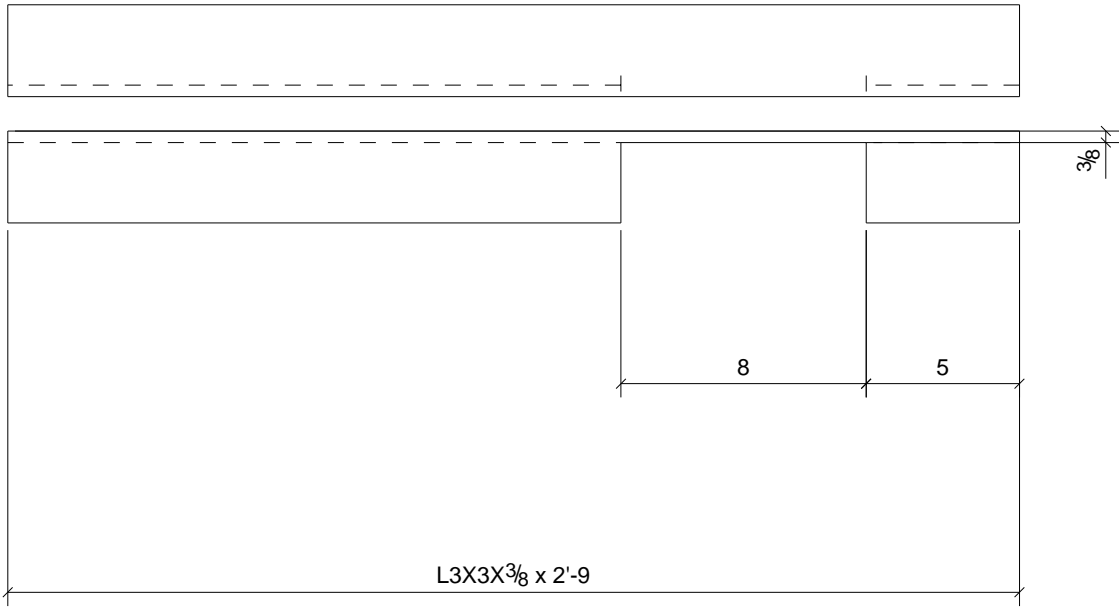
DESCRIPTION: ANGLE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 07/21/2010
CHKD. BY TMc	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. a32



1	SS5
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
a33	1	L3X3X3/8	2'-9"	

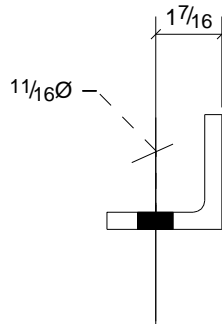
DESCRIPTION: ANGLE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

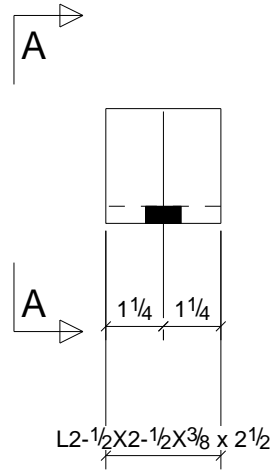
CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 07/21/2010
CHKD. BY Tmc	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. a33



A - A



1	SS8
1	SS9
Qty.	In Assembly

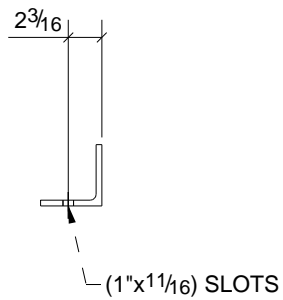
MARK	QTY.	SIZE	LENGTH	COMMENTS
a5	2	L2-1/2X2-1/2X3/8	0'-2 1/2"	

DESCRIPTION: ANGLE ~ ALUMINUM

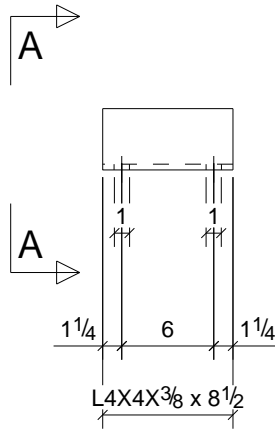
PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY Tmc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. a5



A - A



1	SS3
1	SS4
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
a9	2	L4X4X3/8	0'-8 1/2"	

DESCRIPTION: ANGLE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

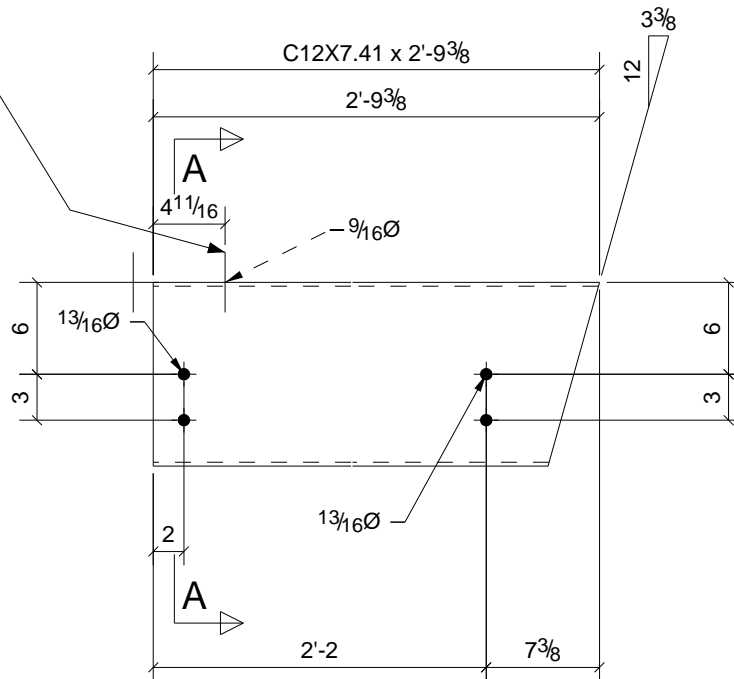
CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. a9

MATCH LOCATE & DRILL
FOR TUTTLE RAILING
, REF. DRAWING E1
VERIFY ALL DIMENSIONS



A - A



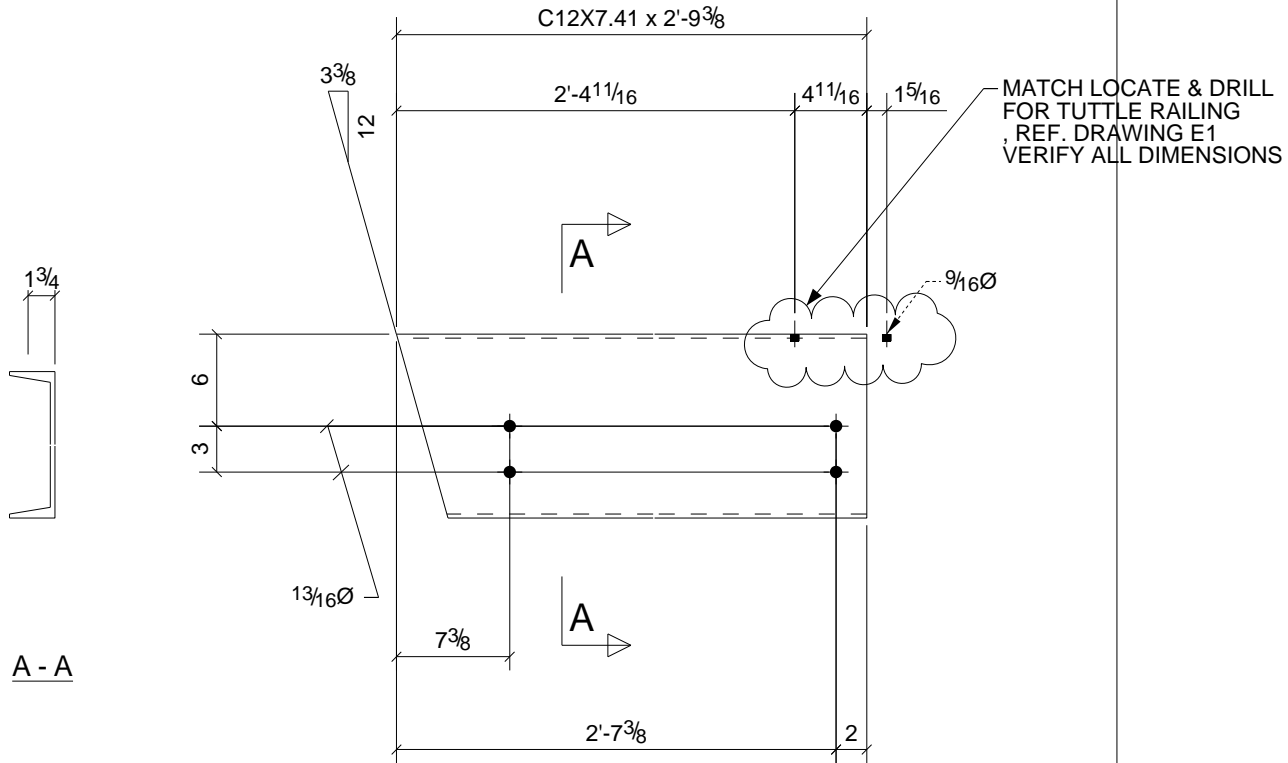
1	SS9
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
c12	1	C12X7.41	2'-9 3/8"	

DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN	DRAWN BY TMAC	DATE 09/27/2009
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. c12



1	SS8
Qty.	In Assembly

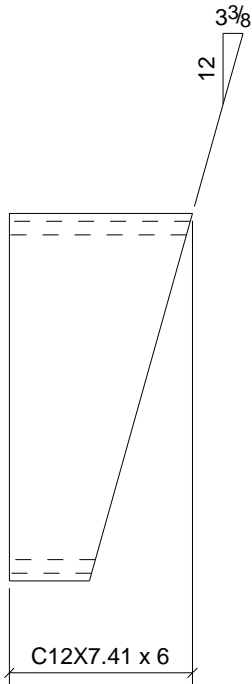
MARK	QTY.	SIZE	LENGTH	COMMENTS
c13	1	C12X7.41	2'-9 3/8"	

DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. c13



1	SS6
Qty.	In Assembly

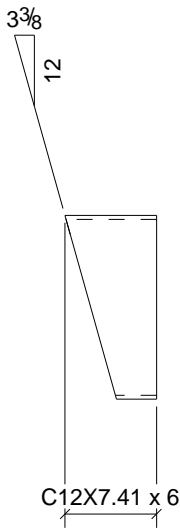
MARK	QTY.	SIZE	LENGTH	COMMENTS
c16	1	C12X7.41	0'-6"	

DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/28/2009
	CHKD. BY Tmc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. c16



1	SS5
Qty.	In Assembly

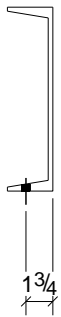
MARK	QTY.	SIZE	LENGTH	COMMENTS
c17	1	C12X7.41	0'-6"	

DESCRIPTION: STAIR STRINGER ~ ALUMINUM

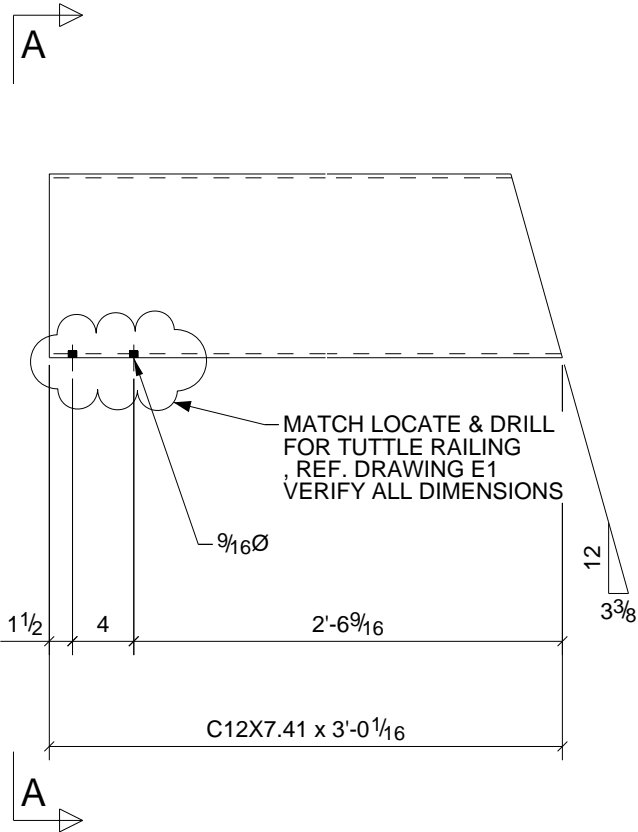
PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/28/2009
	CHKD. BY Tmc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. c17



A - A



1	SS5
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
c7	1	C12X7.41	3'-0 1/16"	

DESCRIPTION: STAIR STRINGER ~ ALUMINUM

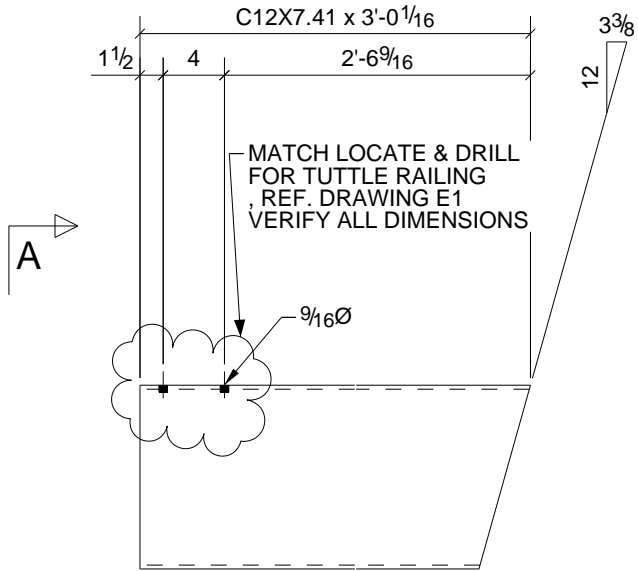
PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. c7



A - A



1	SS6
Qty.	In Assembly

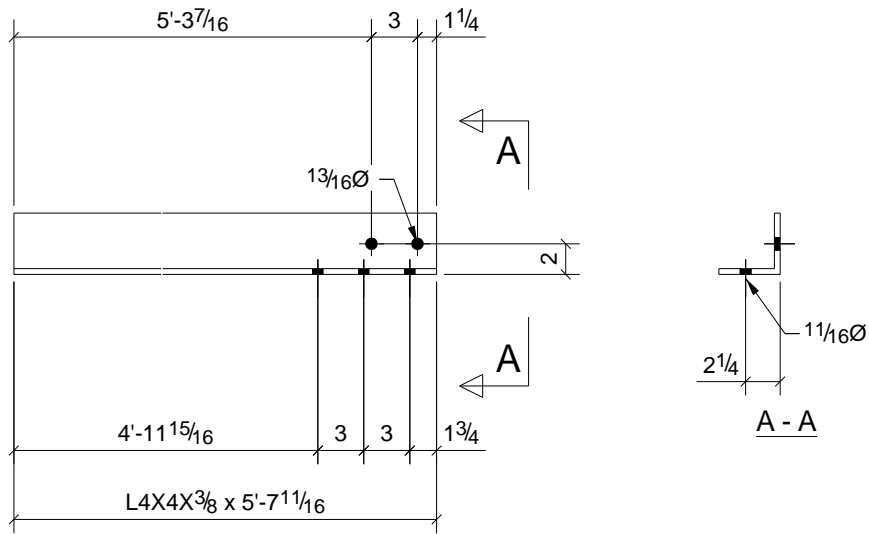
MARK	QTY.	SIZE	LENGTH	COMMENTS
c8	1	C12X7.41	3'-0 1/16"	

DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. c8



1	M10
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
M10	1	L4X4X3/8	5'-7 11/16"	

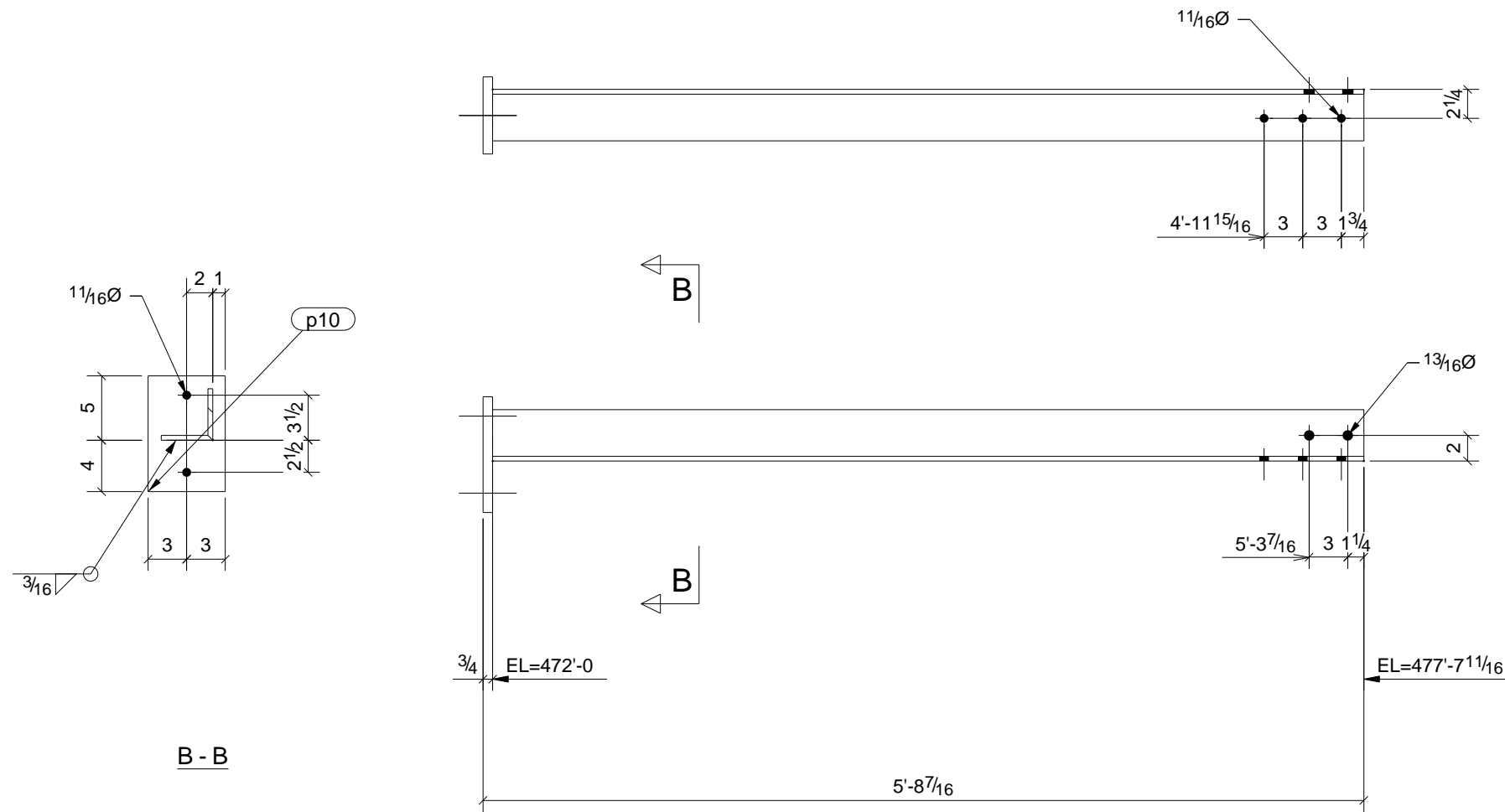
DESCRIPTION: ANGLE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. M10

GRID LOCATION	BOTTOM ELEVATION
<1/<A	471'-11"1/4



ONE - POST ANGLE - M10

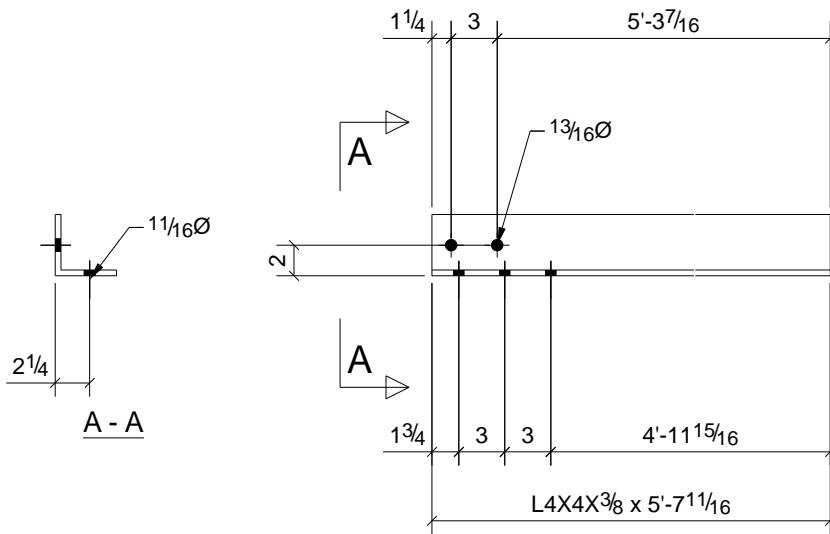
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M10	1	L4X4X3/8	5'-7 11/16"		SQ-2 6061-T6 ALUMINUM
		1	FL3/4"X6"	0'-9"	p10	6061-T6 ALUMINUM

A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK

GENERAL NOTES			JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		SHOP
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			APPROVAL
DESCRIPTION: POST ASS'Y			
PROJECT NAME: GREGG W.W.T.P.			
LOCATION: GREGG TWP.-UNION CO., PA			
CONTRACTOR: ZARTMAN			

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 10/05/2009
	CHKD. BY TMc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. M10



1	M11
Qty.	In Assembly

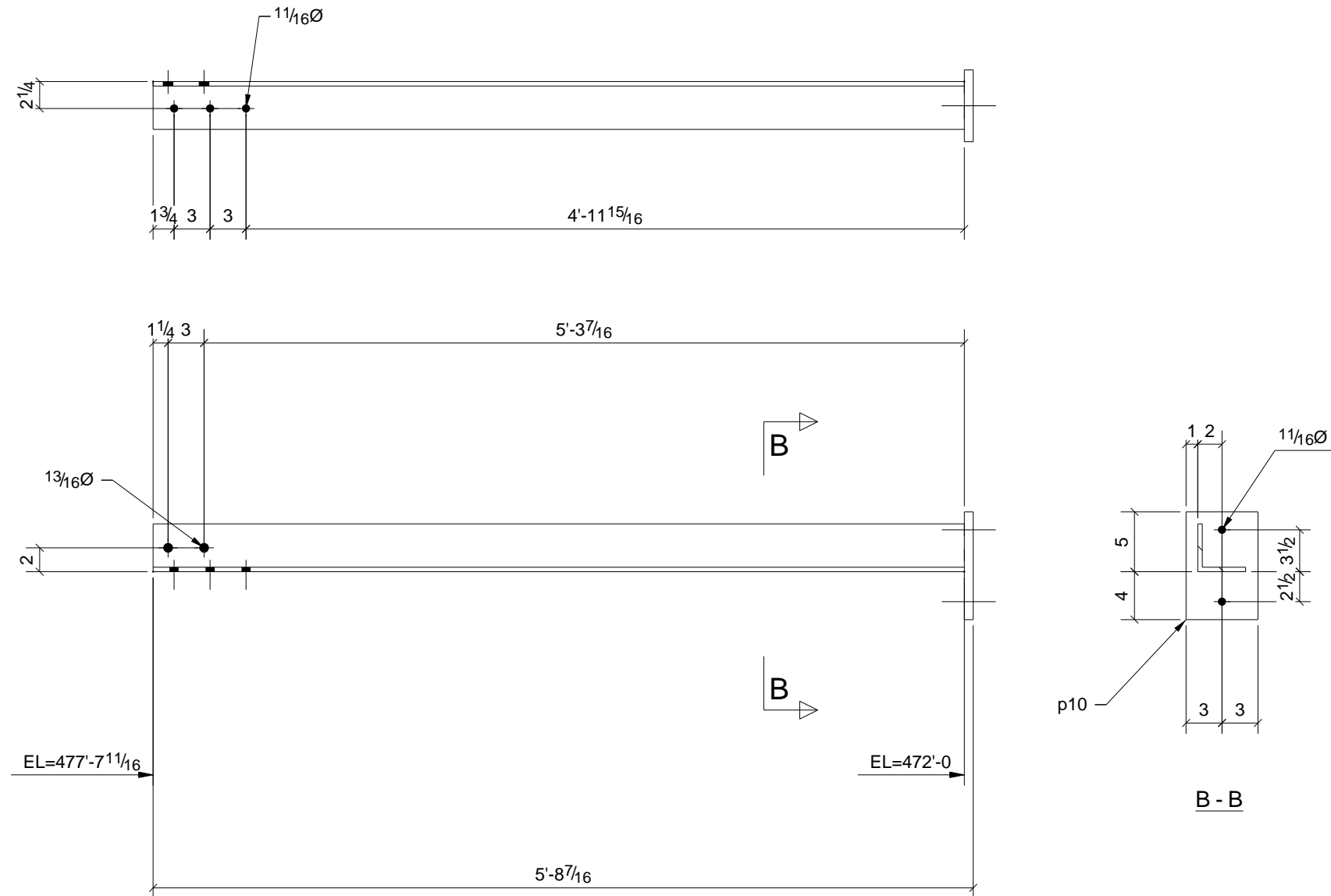
MARK	QTY.	SIZE	LENGTH	COMMENTS
M11	1	L4X4X3/8	5'-7 11/16"	

DESCRIPTION: ANGLE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. M11

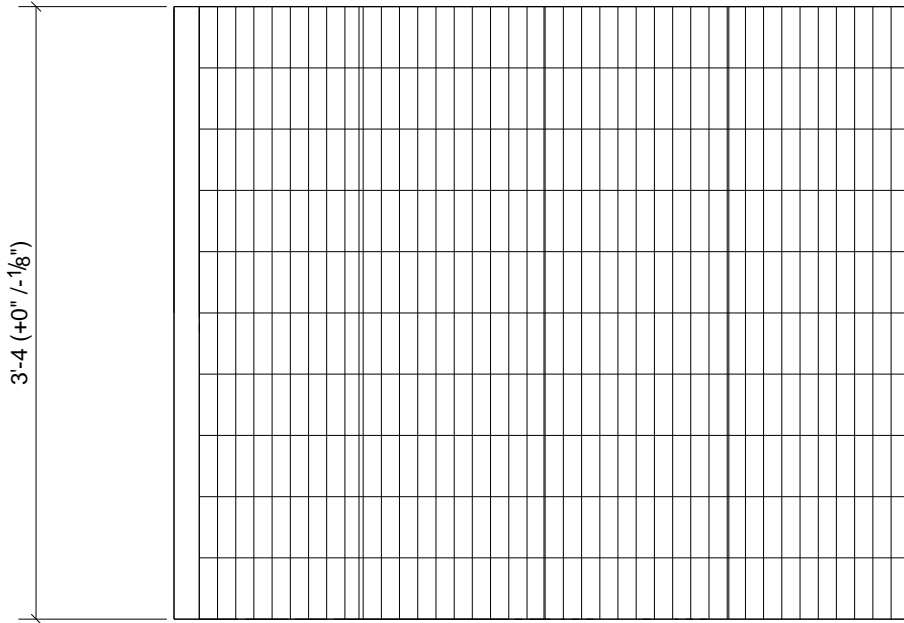


ONE - POST ANGLE - M11

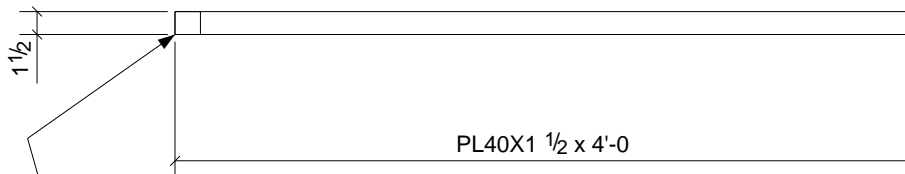
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M11	1	L4X4X3/8	5'-7 11/16"		SQ-2 6061-T6 ALUMINUM
		1	FL3/4"X6"	0'-9"	p10	6061-T6 ALUMINUM

A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: POST ASS'Y				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>			DRAWN BY	DATE
			TMAC	10/05/2009
			CHKD. BY	DATE
			TMc	07/19/2010
JOB No.	DRG. No.	REV.		
17-171-9	M11	2		



LENGTH INCLUDES BANDING E.E.



BAR GRATING 15-SGLi-4x
 1 @ 2'-0 WIDE INCLUDING SLIP-NOT NOSING
 1 @ 1'-11- 15/16 WIDE
 3/16"x1-1/2 BARS @ 15/16" CENTERS, STRIATED
 SURFACE, MILL FINISH

'SLIP-NOT' NOSING

1	M13
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
M13	1	PL40"x1 1/2"	4'-0"	

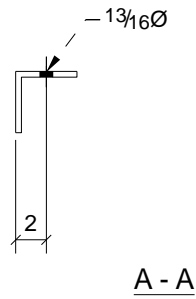
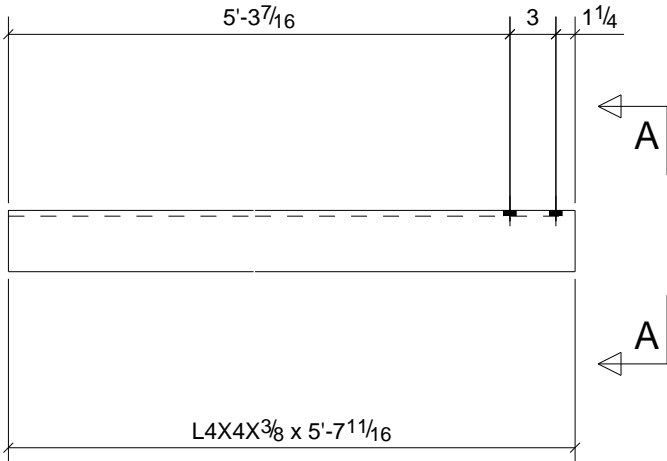
DESCRIPTION: GRT'G PANEL ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/27/2009
CHKD. BY TMC	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. M13



1	M16
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
M16	1	L4X4X3/8	5'-7 11/16"	

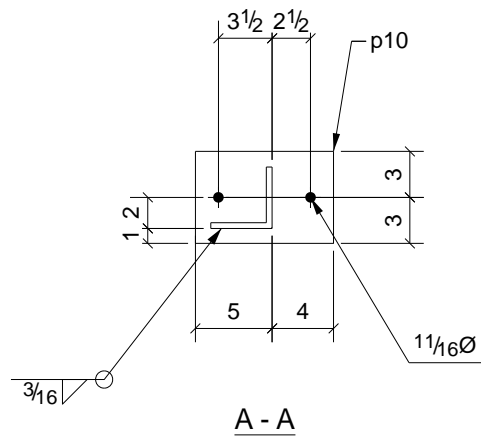
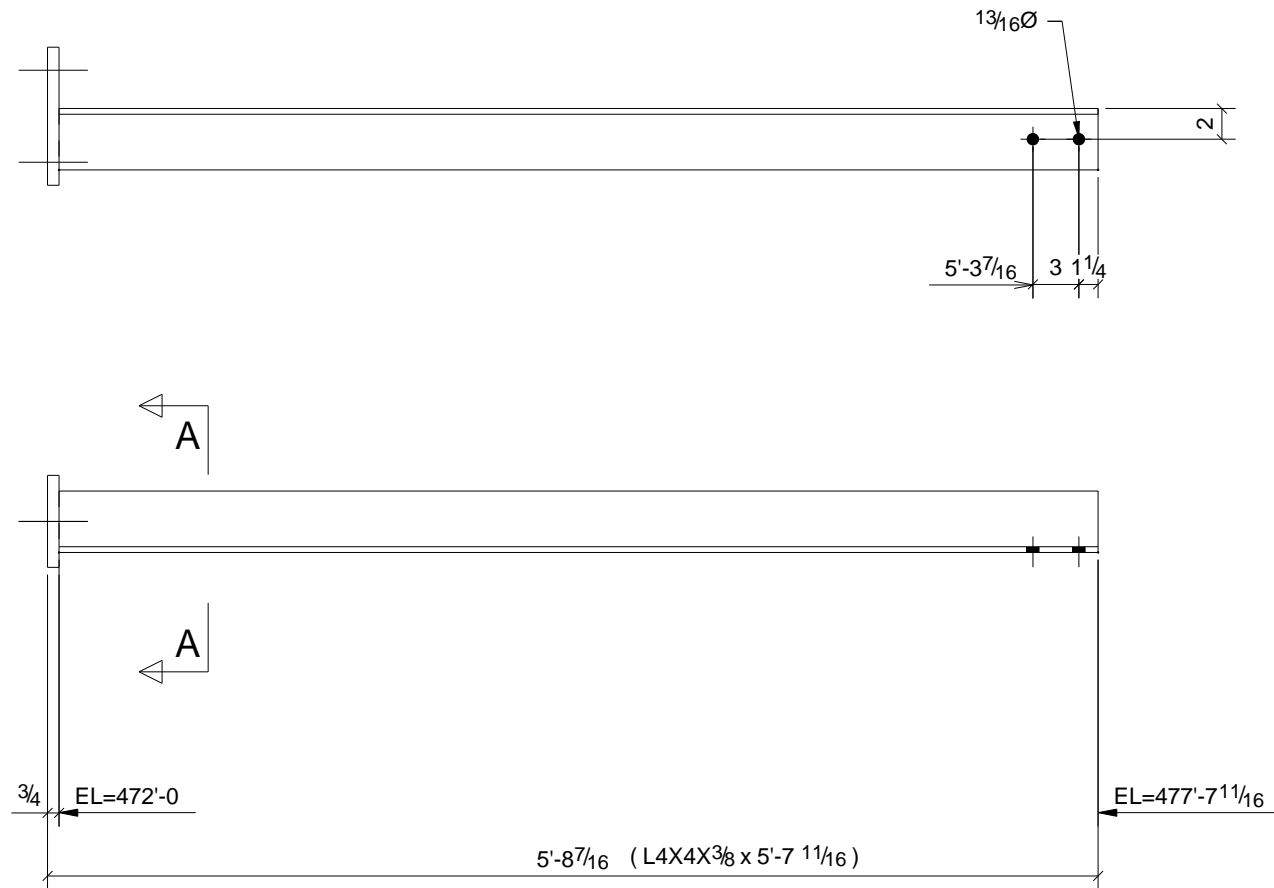
DESCRIPTION: ANGLE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. M16

GRID LOCATION	BOTTOM ELEVATION
<1/<A	471'-11"1/4



ONE - POST ANGLE - M16

BILL OF MATERIAL

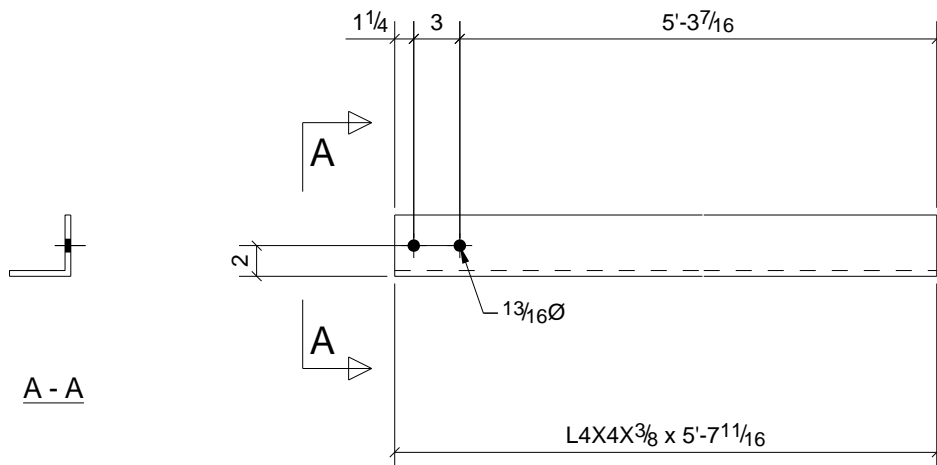
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M16	1	L4X4X3/8	5'-7 11/16"		SQ-2 6061-T6 ALUMINUM
		1	FL3/4"X6"	0'-9"	p10	6061-T6 ALUMINUM

A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK

GENERAL NOTES			JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		SHOP
SURFACE PREP: PER SPECS	AND PAINT: PER SPECS		APPROVAL
DESCRIPTION: POST ASS'Y			
PROJECT NAME: GREGG W.W.T.P.			
LOCATION: GREGG TWP.-UNION CO., PA			
CONTRACTOR: ZARTMAN			

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 10/05/2009
CHKD. BY TMc	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. M16
	REV. 2



1	M17
Qty.	In Assembly

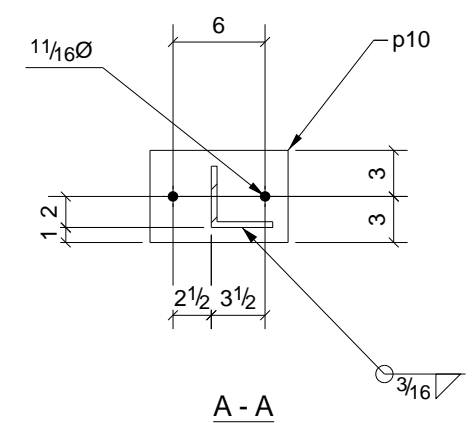
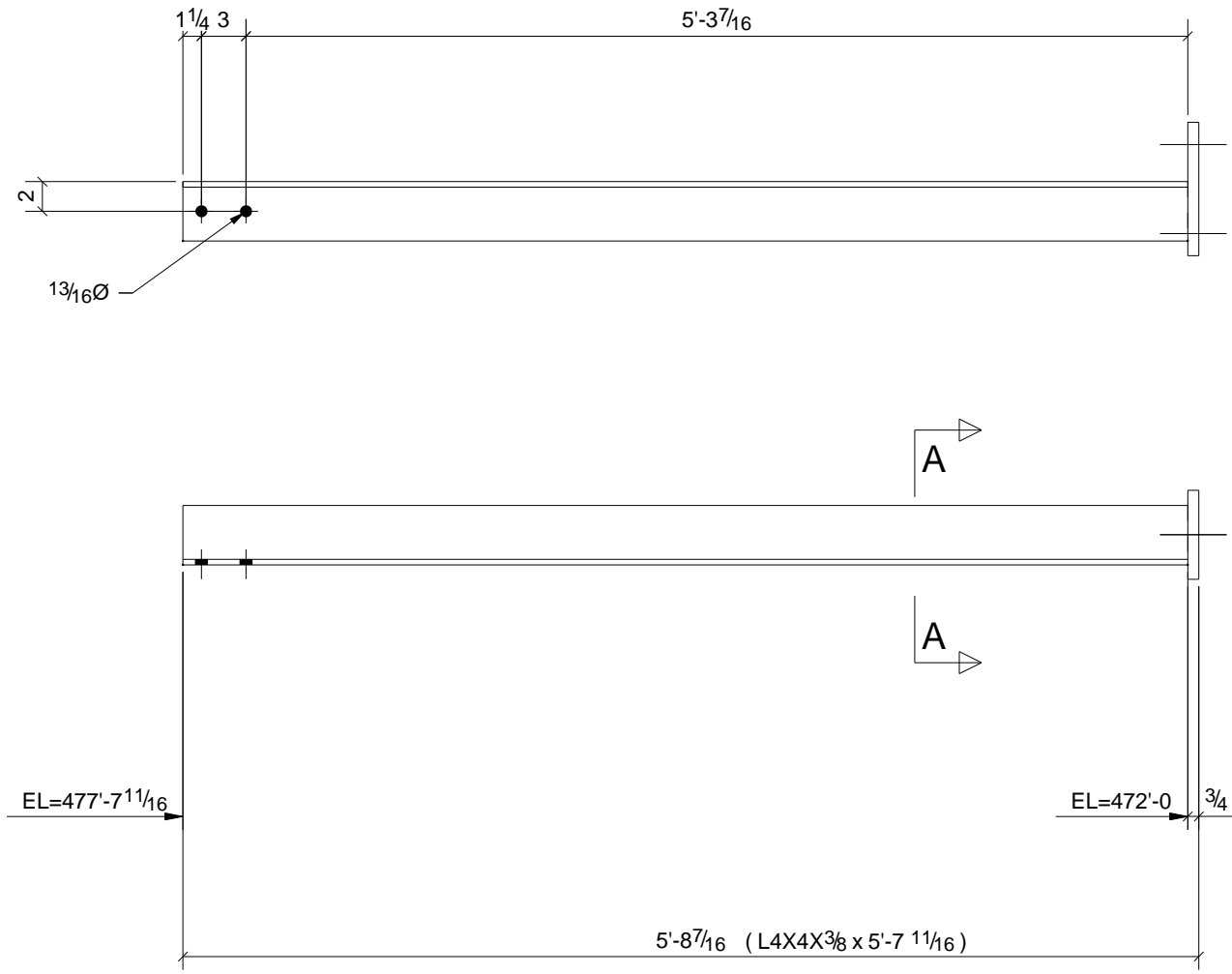
MARK	QTY.	SIZE	LENGTH	COMMENTS
M17	1	L4X4X3/8	5'-7 11/16"	

DESCRIPTION: ANGLE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. M17



ONE - POST ANGLE - M17

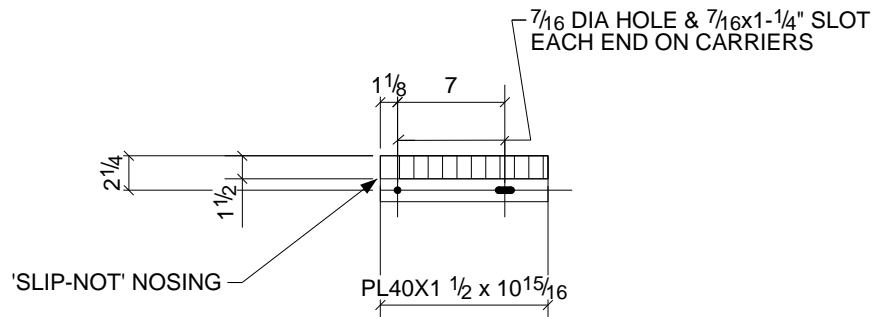
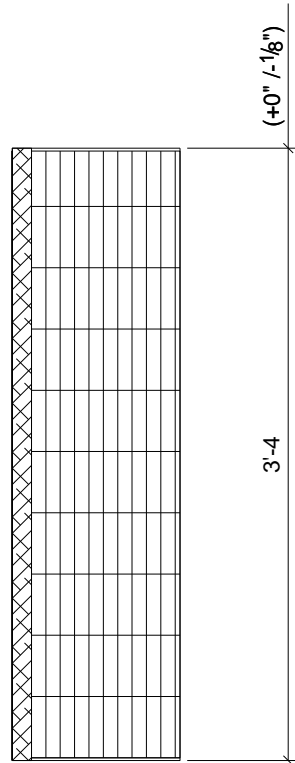
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M17	1	L4X4X3/8	5'-7 11/16"		SQ-2 6061-T6 ALUMINUM
		1	FL3/4"X6"	0'-9"	p10	6061-T6 ALUMINUM

A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: POST ASS'Y				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>		DRAWN BY	DATE	
		TMAC	10/05/2009	
		CHKD. BY	DATE	
TMc	07/19/2010			
JOB No.	DRG. No.	REV.		
17-171-9	M17	2		

TREAD - BAR GRATING 15-SGLi-4
 x 10-15/16 WIDE, 3/16"x1-1/2 BARS @
 15/16" CENTERS, STRIATED SURFACE,
 MILL FINISH, SLIP-NOT NOSING,
 LENGTH INCLUDES BANDING E.E.

6061-T6 ALUMINUM



1	M4
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
M4	1	PL40"x1 1/2"	0'-10 15/16"	

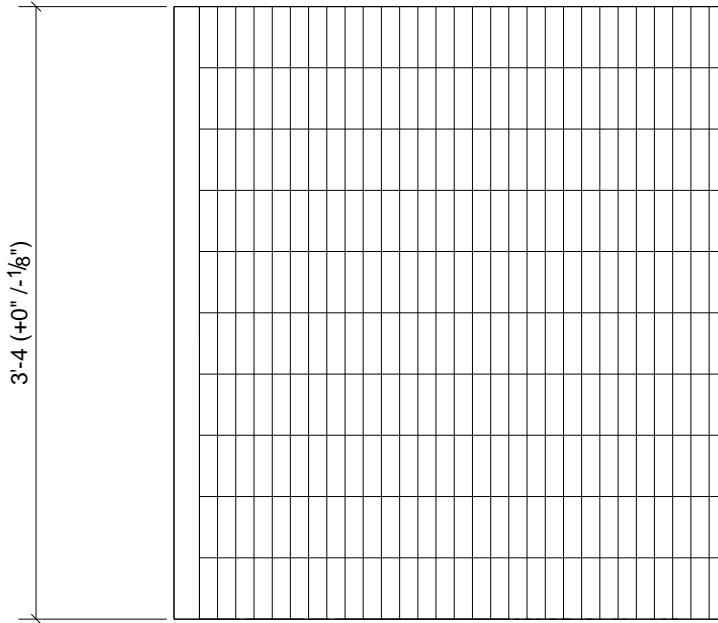
DESCRIPTION: GRATING TREAD

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

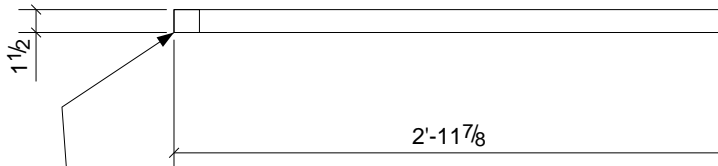
CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/27/2009
CHKD. BY TMC	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. M4



LENGTH INCLUDES BANDING E.E.



BAR GRATING 15-SGLi-4x2'-11- 7/8 WIDE
 3/16"x1-1/2 BARS @ 15/16" CENTERS, STRIATED
 SURFACE, SLIP-NOT NOSING

'SLIP-NOT' NOSING

1	M6
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
M6	1	PL40"x1 1/2"	2'-11 7/8"	

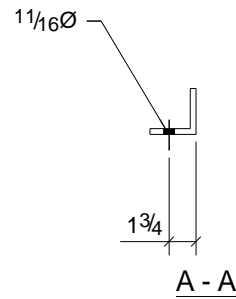
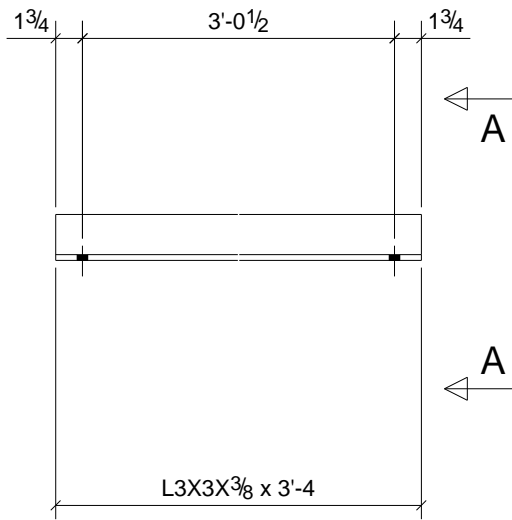
DESCRIPTION: GRT'G PANEL ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 10/05/2009
CHKD. BY TMC	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. M6



1	M8
Qty.	In Assembly

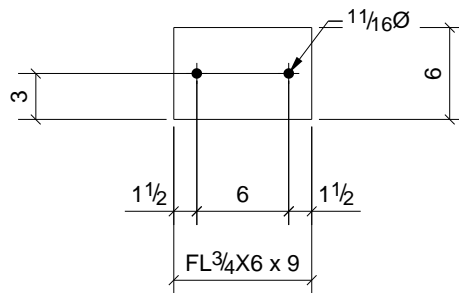
MARK	QTY.	SIZE	LENGTH	COMMENTS
M8	1	L3X3X3/8	3'-4"	

DESCRIPTION: ANGLE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 10/06/2009
	CHKD. BY Tmc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. M8



1	M10
1	M11
1	M16
1	M17
Qty.	In Assembly

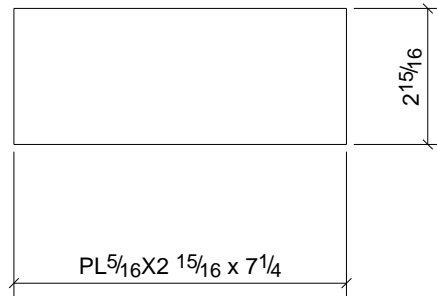
MARK	QTY.	SIZE	LENGTH	COMMENTS
p10	4	FL3/4"x6"	0'-9"	

DESCRIPTION: FLAT ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/29/2009
	CHKD. BY Tmc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. p10



1	SS8
1	SS9
Qty.	In Assembly

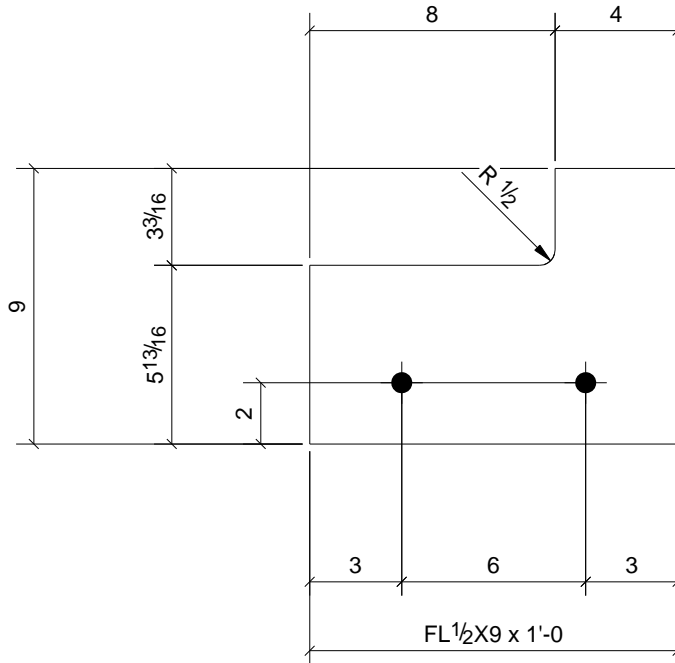
p20	2	PL5/16"X2 15/16"	0'-7 1/4"	
MARK	QTY.	SIZE	LENGTH	COMMENTS

DESCRIPTION: PLATE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. p20



1	SS1
1	SS2
Qty.	In Assembly

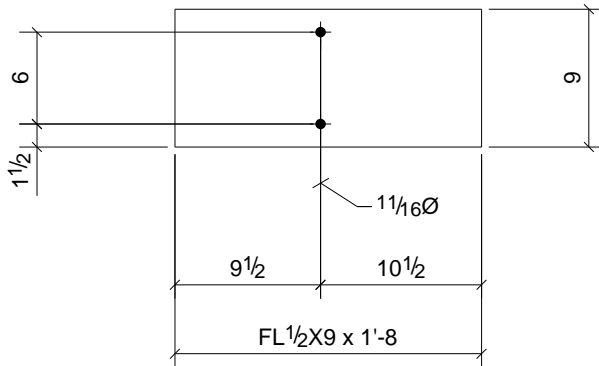
p21	2	FL1/2"X9"	1'-0"	
MARK	QTY.	SIZE	LENGTH	COMMENTS

DESCRIPTION: PLATE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. p21



1	SS3
1	SS4
Qty.	In Assembly

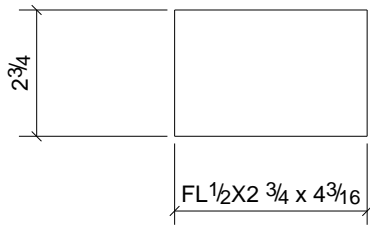
MARK	QTY.	SIZE	LENGTH	COMMENTS
p22	2	FL1/2"X9"	1'-8"	

DESCRIPTION: PLATE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY Tmc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. p22



1	SS1
1	SS2
Qty.	In Assembly

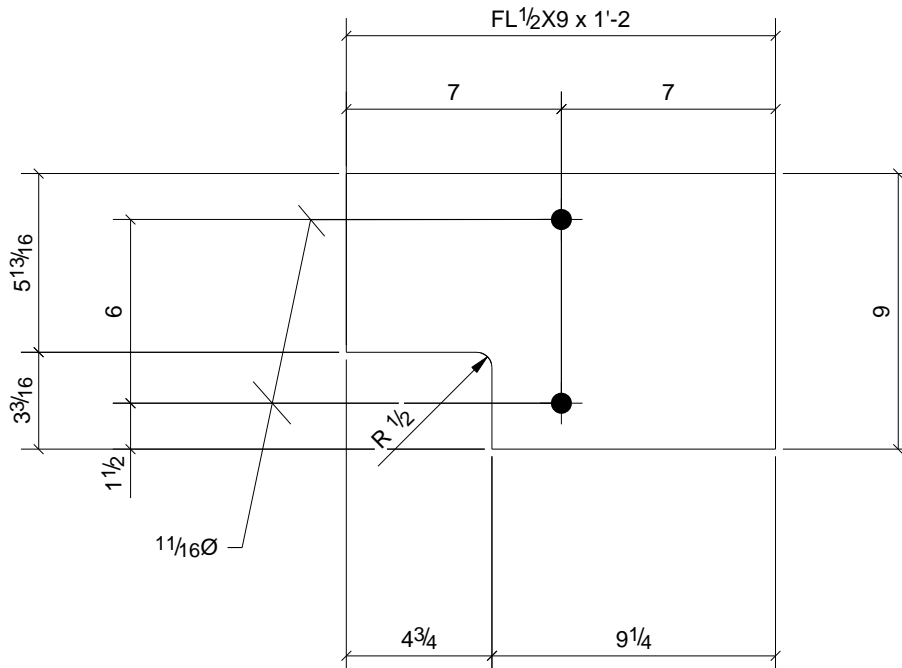
p23	2	FL1/2"X2 3/4"	0'-4 3/16"	
MARK	QTY.	SIZE	LENGTH	COMMENTS

DESCRIPTION: PLATE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. p23



1	SS5
1	SS6
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
p24	2	FL 1/2" X 9"	1'-2"	

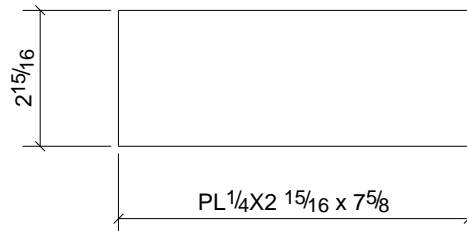
DESCRIPTION: PLATE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/29/2009
CHKD. BY TMC	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. p24



1	SS1
1	SS2
Qty.	In Assembly

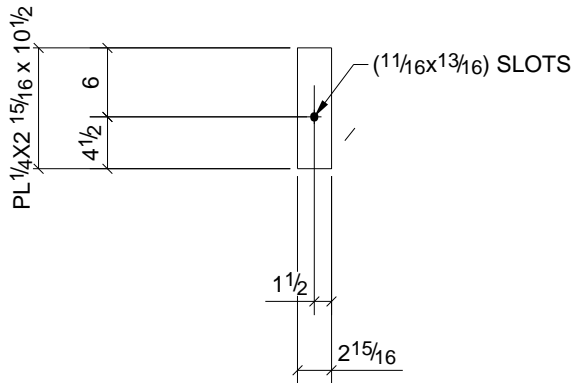
p3	2	PL1/4"X2 15/16"	0'-7 5/8"	
MARK	QTY.	SIZE	LENGTH	COMMENTS

DESCRIPTION: PLATE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. p3



1	SS1
Qty.	In Assembly

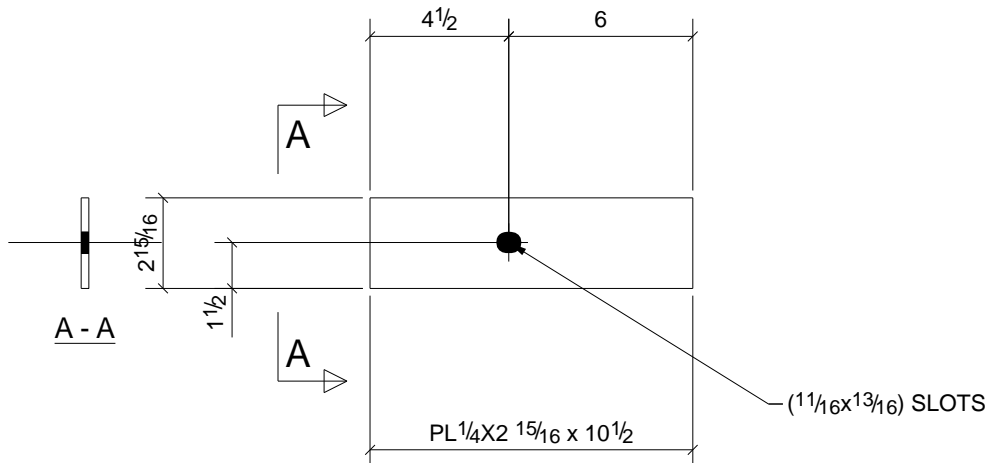
MARK	QTY.	SIZE	LENGTH	COMMENTS
p4	1	PL1/4"X2 15/16"	0'-10 1/2"	

DESCRIPTION: PLATE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. p4



1	SS2
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
p5	1	PL 1/4" X 2 15/16"	0'-10 1/2"	

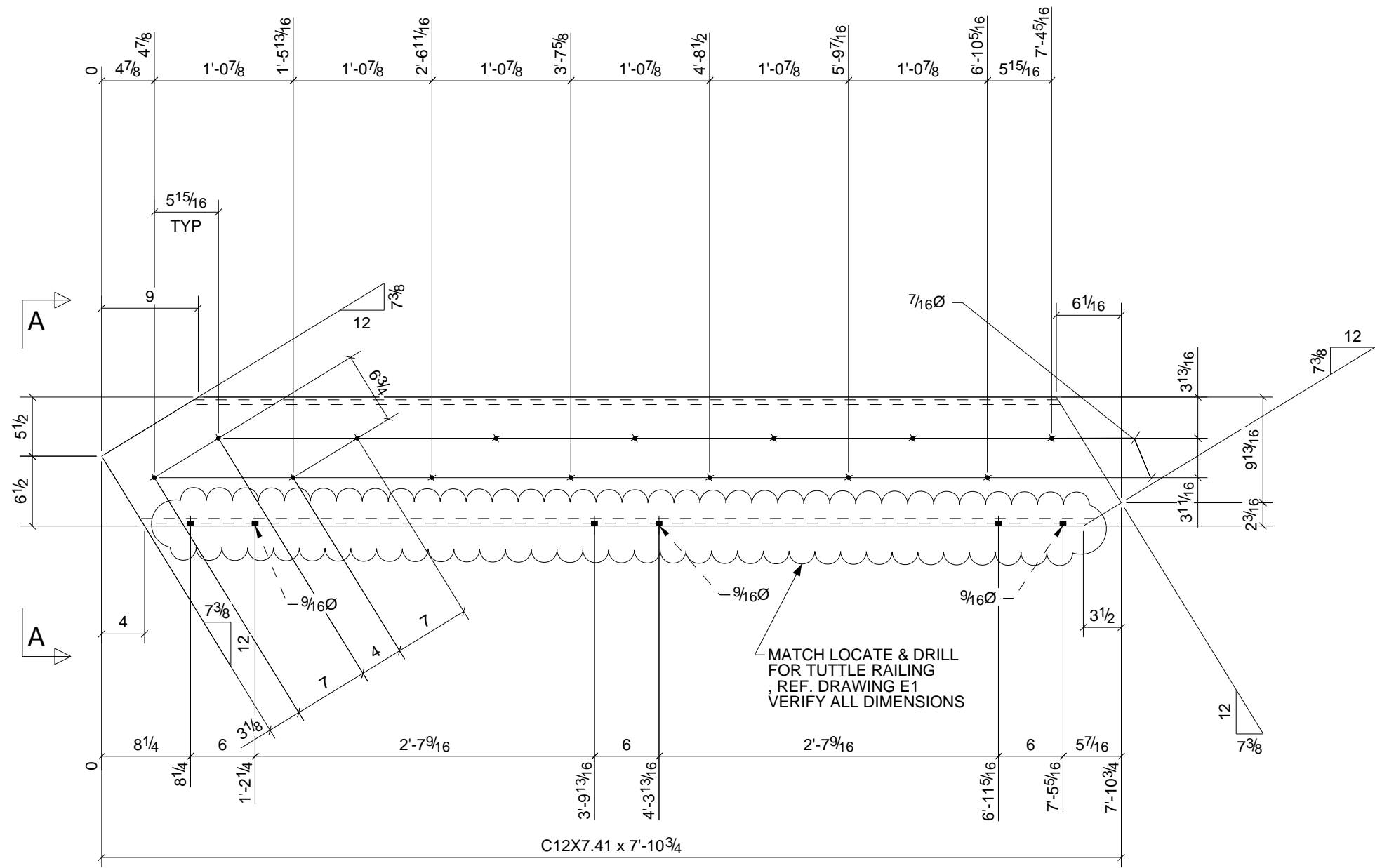
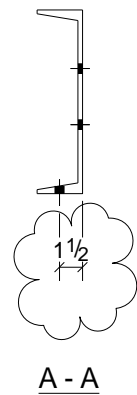
DESCRIPTION: PLATE ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/27/2009
CHKD. BY TMc	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. p5



1	SS1
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
SS1	1	C12X7.41	7'-10 3/4"	

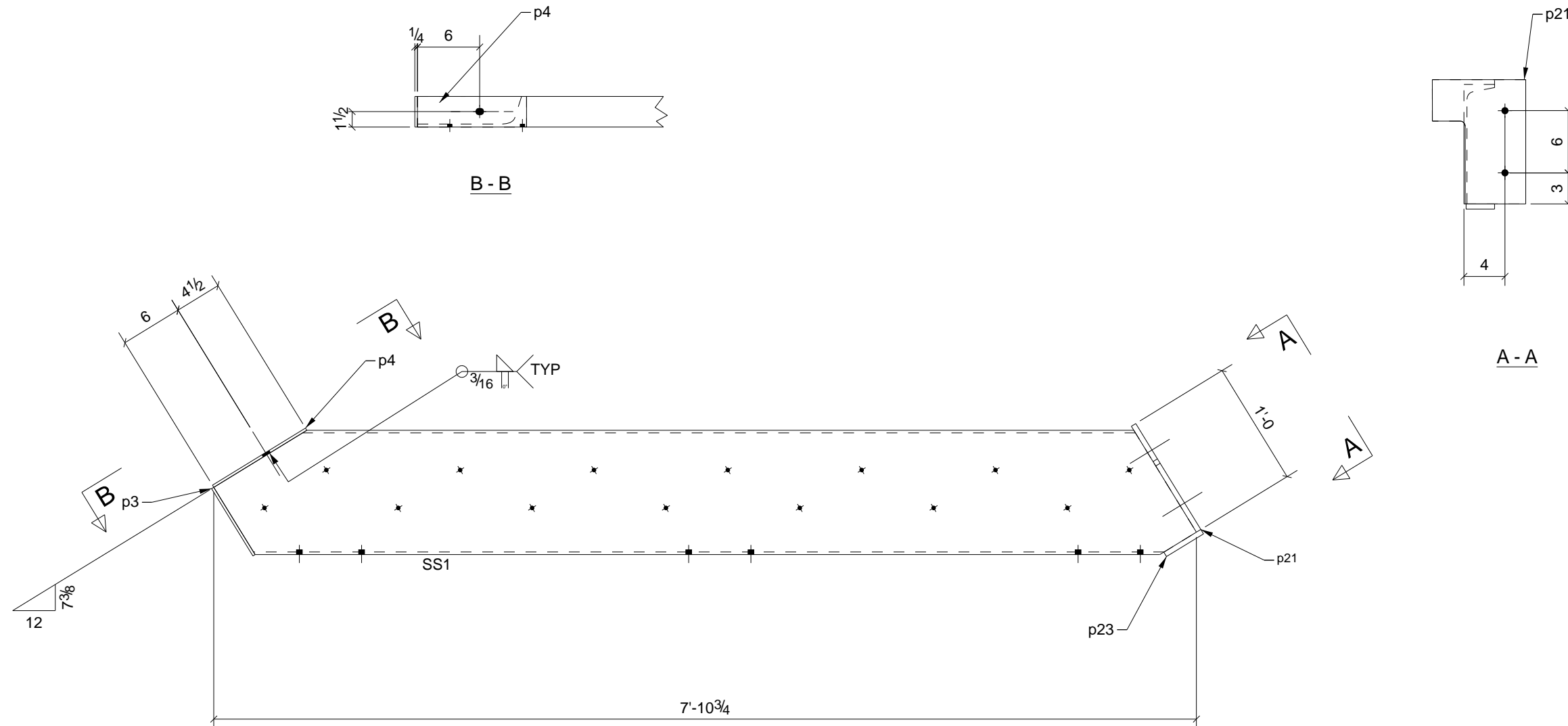
DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/27/2009
CHKD. BY TMC	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. SS1



ONE - STRINGER - SS1

REV.	DESCRIPTION	DATE	DWN	CHK
A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC

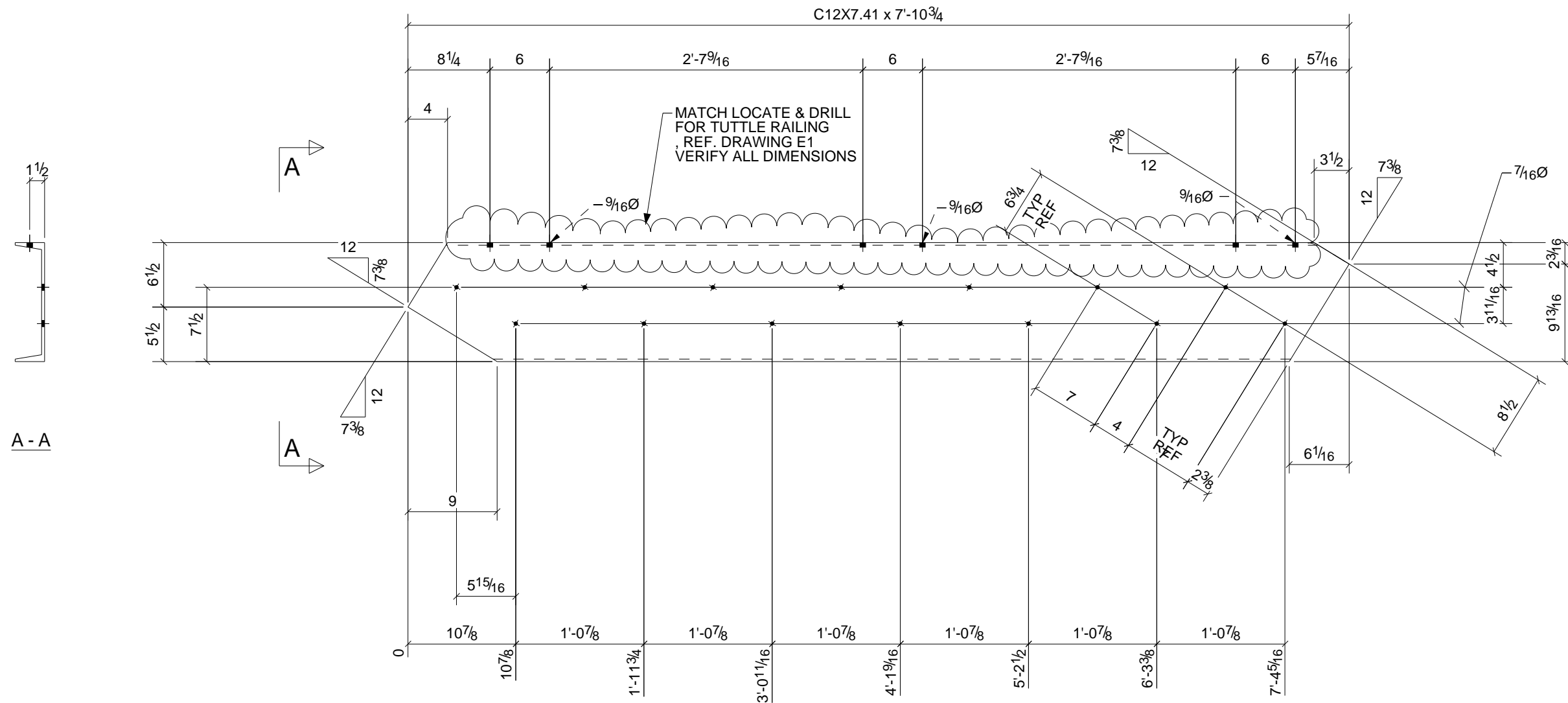
GENERAL NOTES		JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL

DESCRIPTION:	STAIR STRINGER ASS'Y ~ ALUMINUM
PROJECT NAME	GREGG W.W.T.P.
LOCATION	GREGG TWP.-UNION CO., PA
CONTRACTOR	ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMAC	09/29/2009
	CHKD. BY	DATE
	TMc	07/19/2010
JOB No.	DRG. No.	REV.
17-171-9	SS1	2

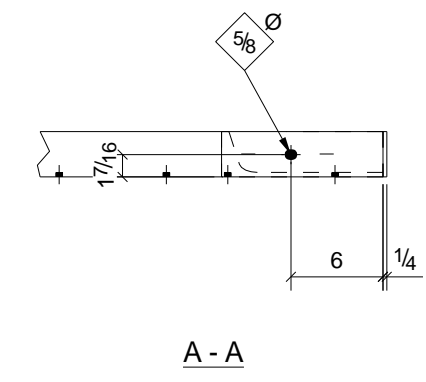
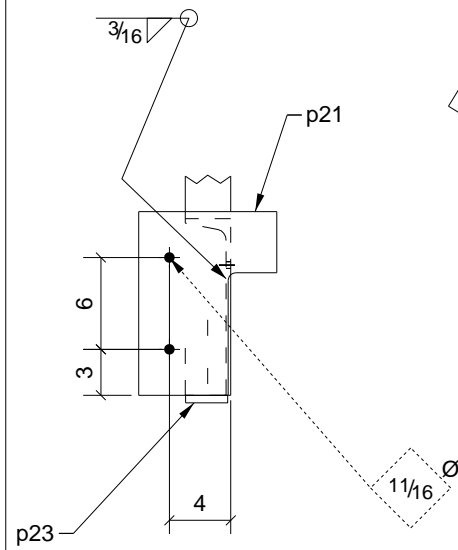
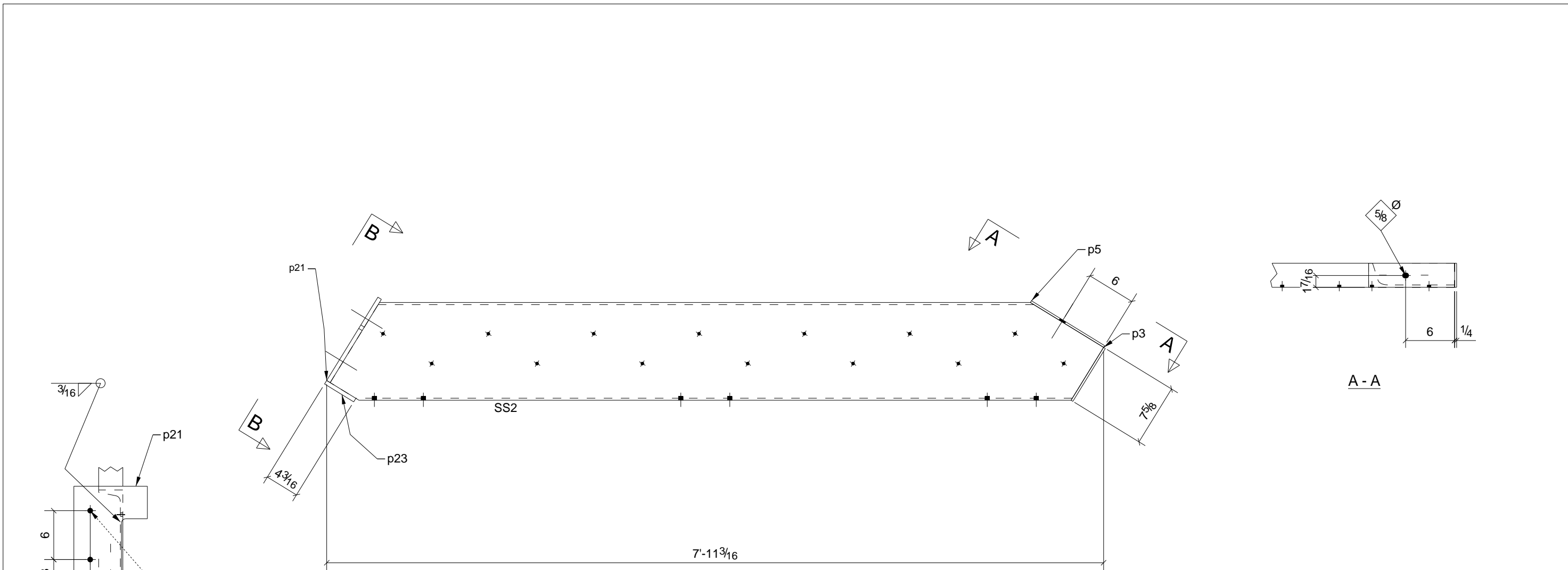
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS1	1	C12X7.41	7'-10 3/4"		BEV-2 6061-T6 ALUMINUM
		1	PL1/4"X2 15/16"	0'-7 5/8"	p3	6061-T6 ALUMINUM
		1	PL1/4"X2 15/16"	0'-10 1/2"	p4	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-0"	p21	6061-T6 ALUMINUM
		1	FL1/2"X2 3/4"	0'-4 3/16"	p23	6061-T6 ALUMINUM



1	SS2
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
SS2	1	C12X7.41	7'-10 3/4"	
DESCRIPTION: STAIR STRINGER ~ ALUMINUM				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CUSTOMER: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY	DATE
			TMAC	09/27/2009
			CHKD. BY	DATE
TMc	07/19/2010			
JOB No.	DRG. No.			
17-171-9	SS2			



B - B

ONE - STRINGER - SS2

REV.	DESCRIPTION	DATE	DWN	CHK
A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC

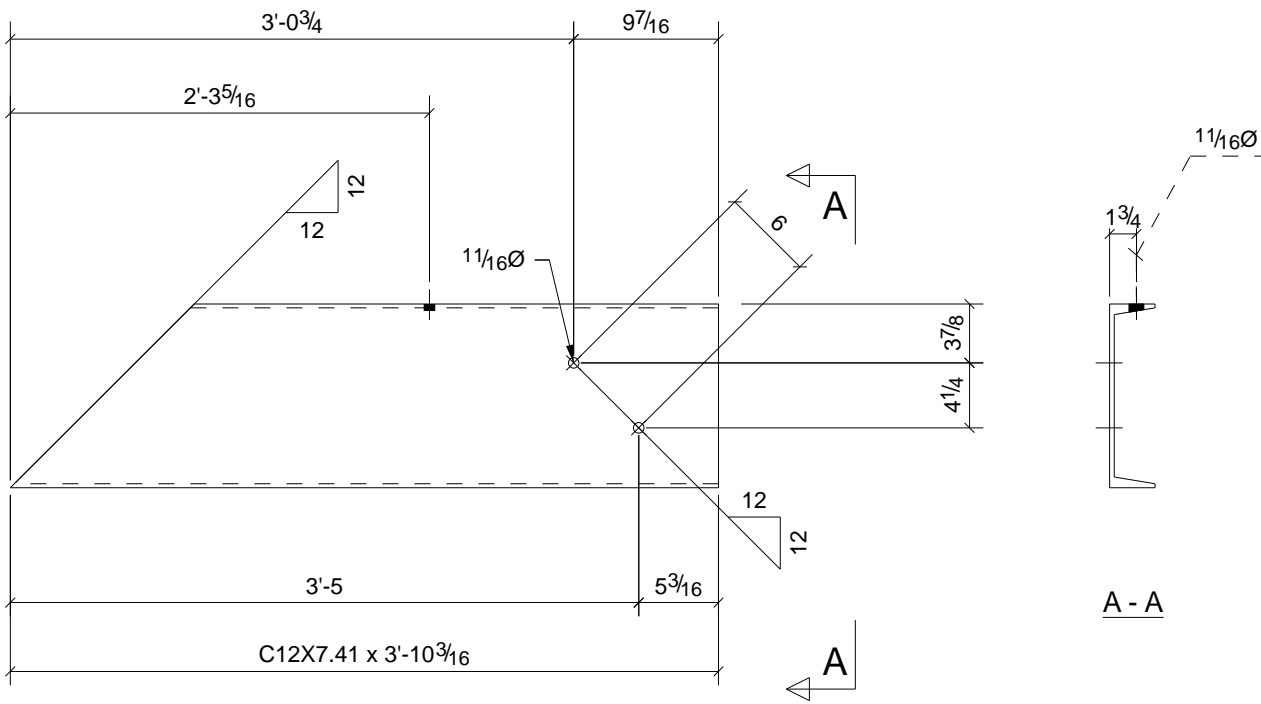
GENERAL NOTES		JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL	

DESCRIPTION:	STAIR STRINGER ASS'Y ~ ALUMINUM
PROJECT NAME	GREGG W.W.T.P.
LOCATION	GREGG TWP.-UNION CO., PA
CONTRACTOR	ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMAC	09/29/2009
	CHKD. BY	DATE
	TMc	07/19/2010
JOB No.	DRG. No.	REV.
17-171-9	SS2	2

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS2	1	C12X7.41	7'-10 3/4"		BEV-2 6061-T6 ALUMINUM
		1	PL1/4"X2 15/16"	0'-7 5/8"	p3	6061-T6 ALUMINUM
		1	PL1/4"X2 15/16"	0'-10 1/2"	p5	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-0"	p21	6061-T6 ALUMINUM
		1	FL1/2"X2 3/4"	0'-4 3/16"	p23	6061-T6 ALUMINUM



1	SS3
Qty.	In Assembly

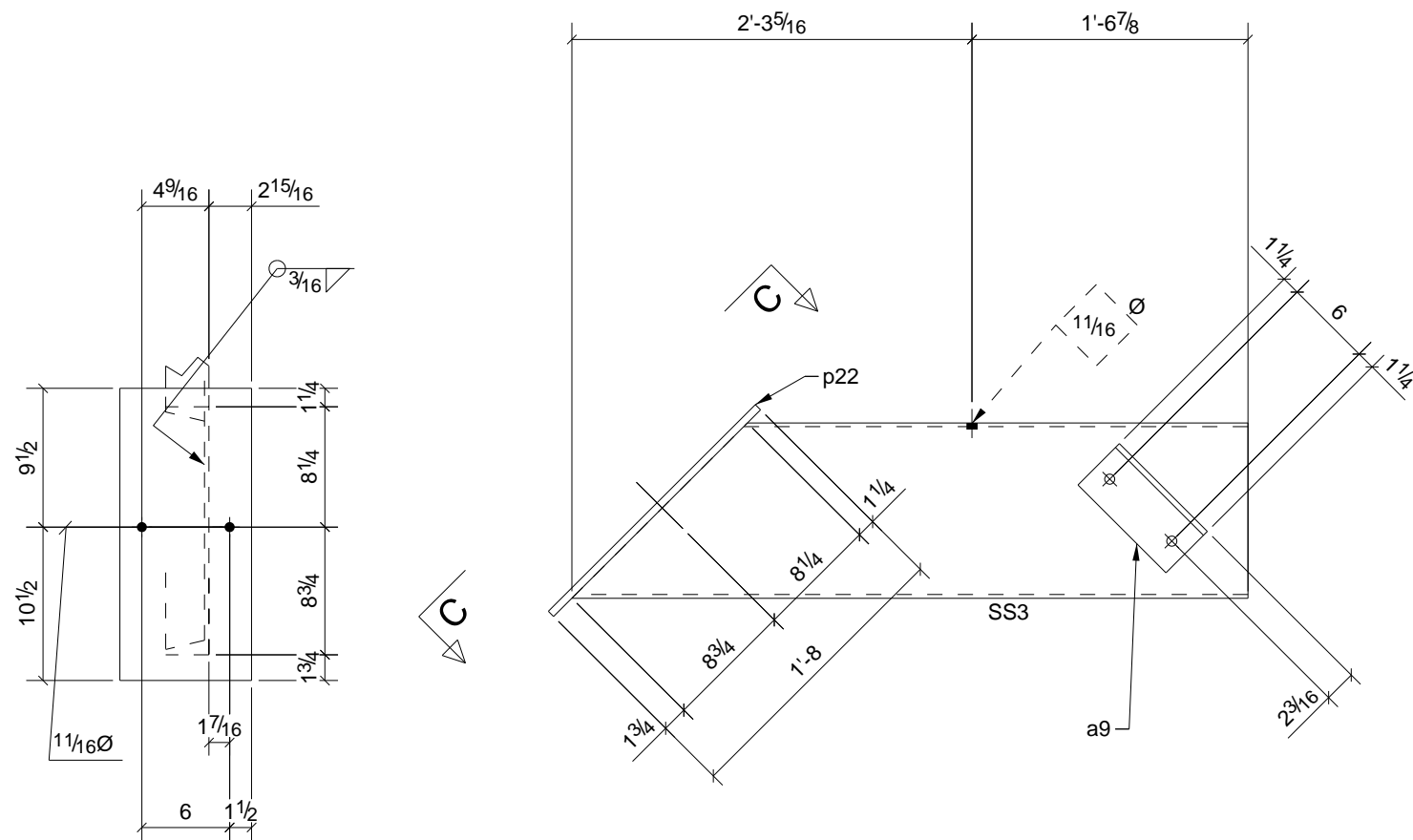
MARK	QTY.	SIZE	LENGTH	COMMENTS
SS3	1	C12X7.41	3'-10 3/16"	

DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. SS3



C - C

ONE - STRINGER - SS3

REV.	DESCRIPTION	DATE	DWN	CHK
A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC

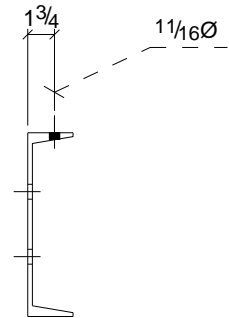
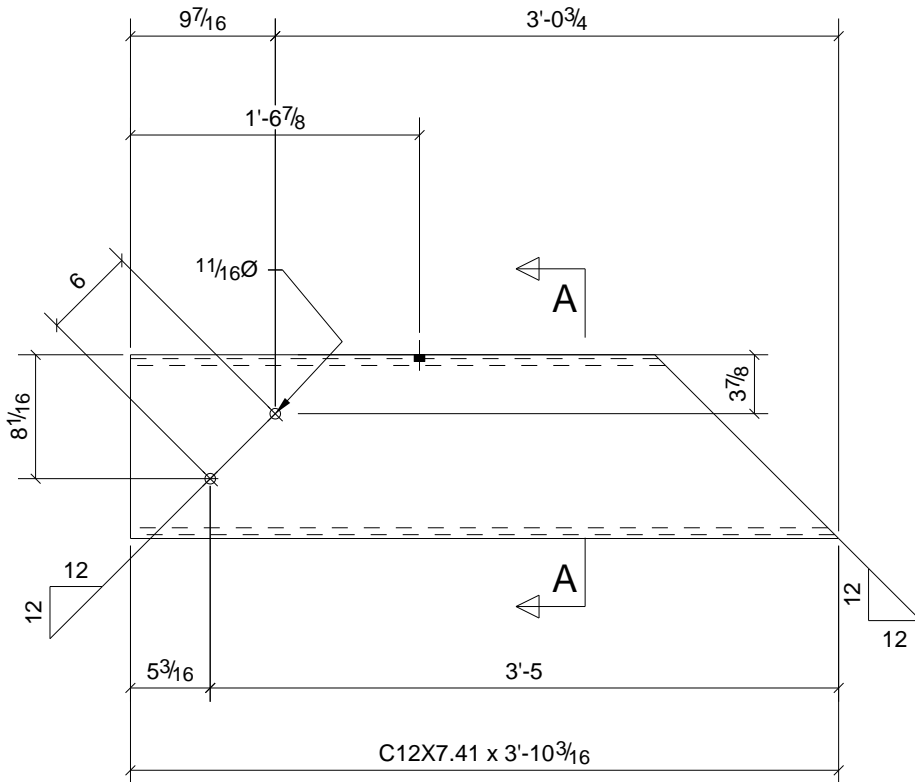
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				

DESCRIPTION:	STAIR STRINGER ASS'Y ~ ALUMINUM
PROJECT NAME	GREGG W.W.T.P.
LOCATION	GREGG TWP.-UNION CO., PA
CONTRACTOR	ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMAC	10/06/2009
	CHKD. BY	DATE
	TMc	07/19/2010
JOB No.	DRG. No.	REV.
17-171-9	SS3	2

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS3	1	C12X7.41	3'-10 3/16"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a9	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-8"	p22	6061-T6 ALUMINUM
		2	5/8"Ø A304 BOLT	0'-1 3/4"		



A - A

1	SS4
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
SS4	1	C12X7.41	3'-10 3/16"	

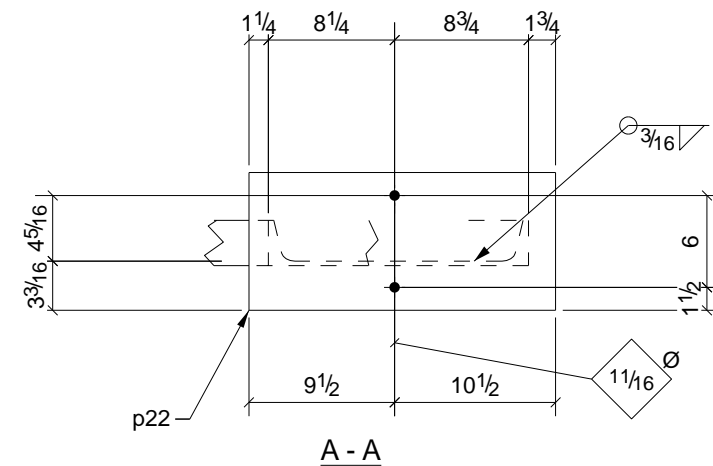
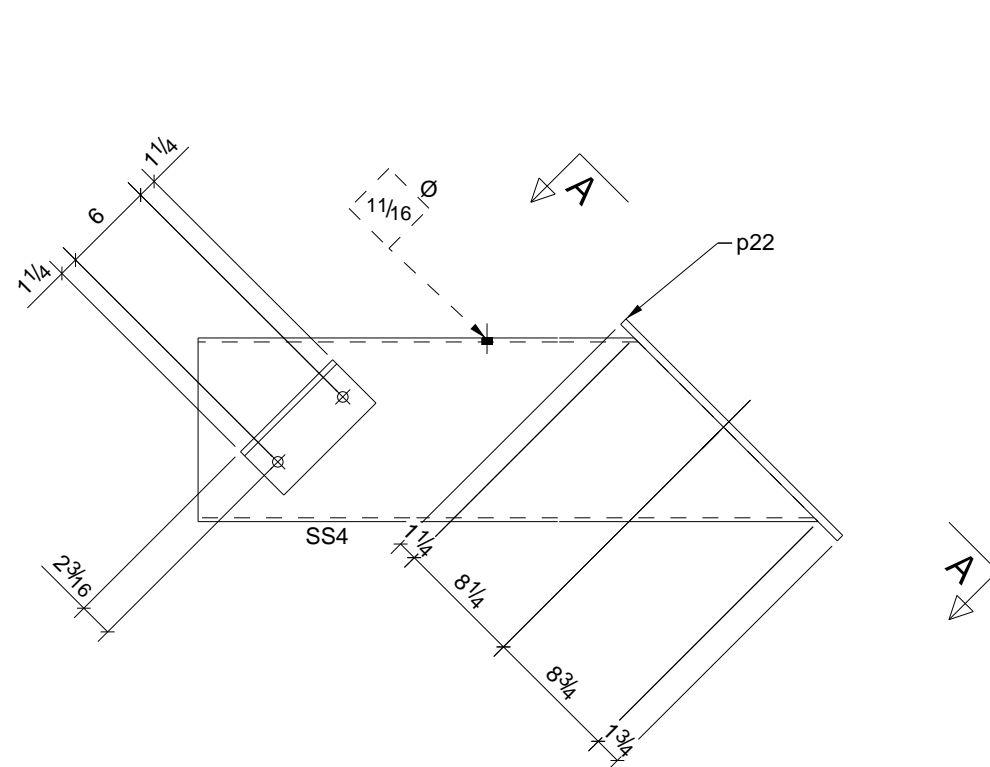
DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/27/2009
CHKD. BY TMC	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. SS4



ONE - STRINGER - SS4

REV.	DESCRIPTION	DATE	DWN	CHK
A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC

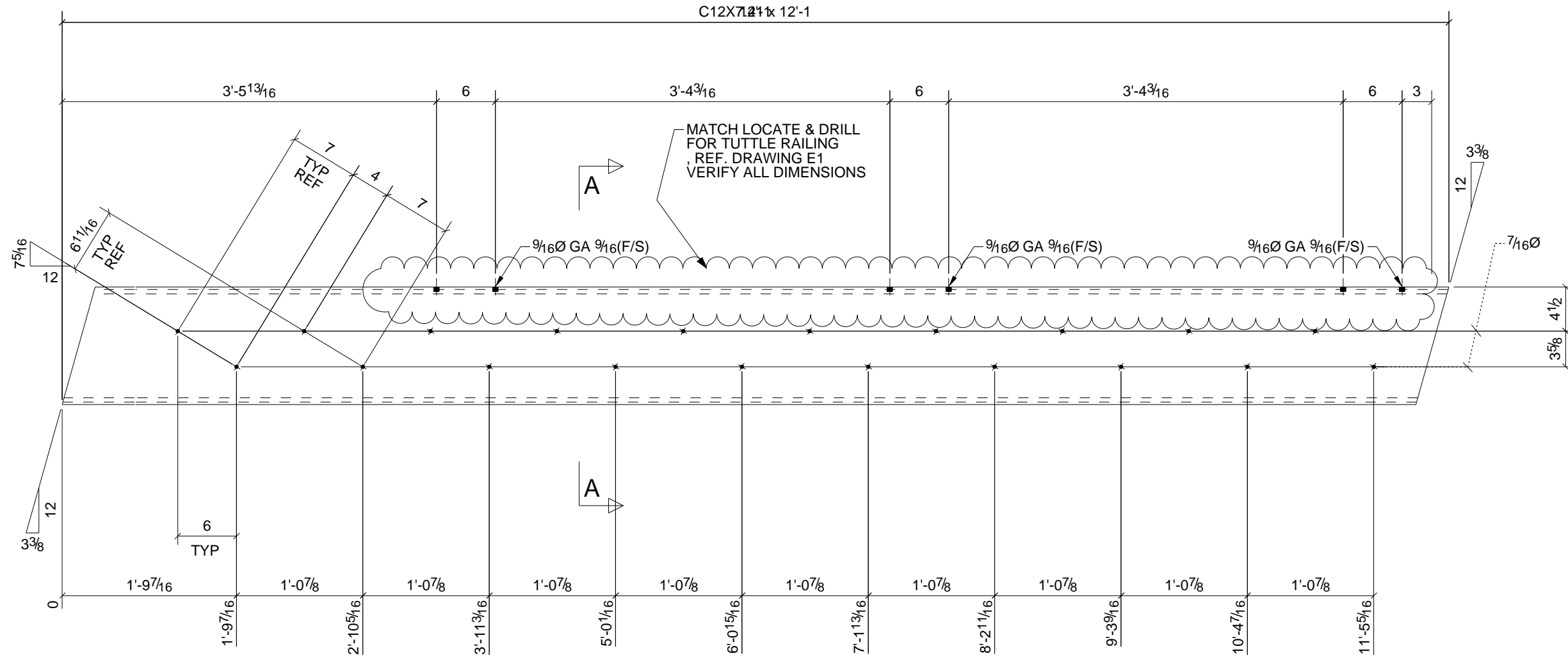
GENERAL NOTES		JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS		APPROVAL	

DESCRIPTION:	STAIR STRINGER ASS'Y ~ ALUMINUM
PROJECT NAME	GREGG W.W.T.P.
LOCATION	GREGG TWP.-UNION CO., PA
CONTRACTOR	ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMAC	10/06/2009
	CHKD. BY	DATE
	TMc	07/19/2010
JOB No.	DRG. No.	REV.
17-171-9	SS4	2

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS4	1	C12X7.41	3'-10 3/16"		SQ-1/BEV-1 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a9	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-8"	p22	6061-T6 ALUMINUM
		2	5/8"Ø A304 BOLT	0'-1 3/4"		



1	SS5
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
SS5	1	C12X7.41	12'-1"	

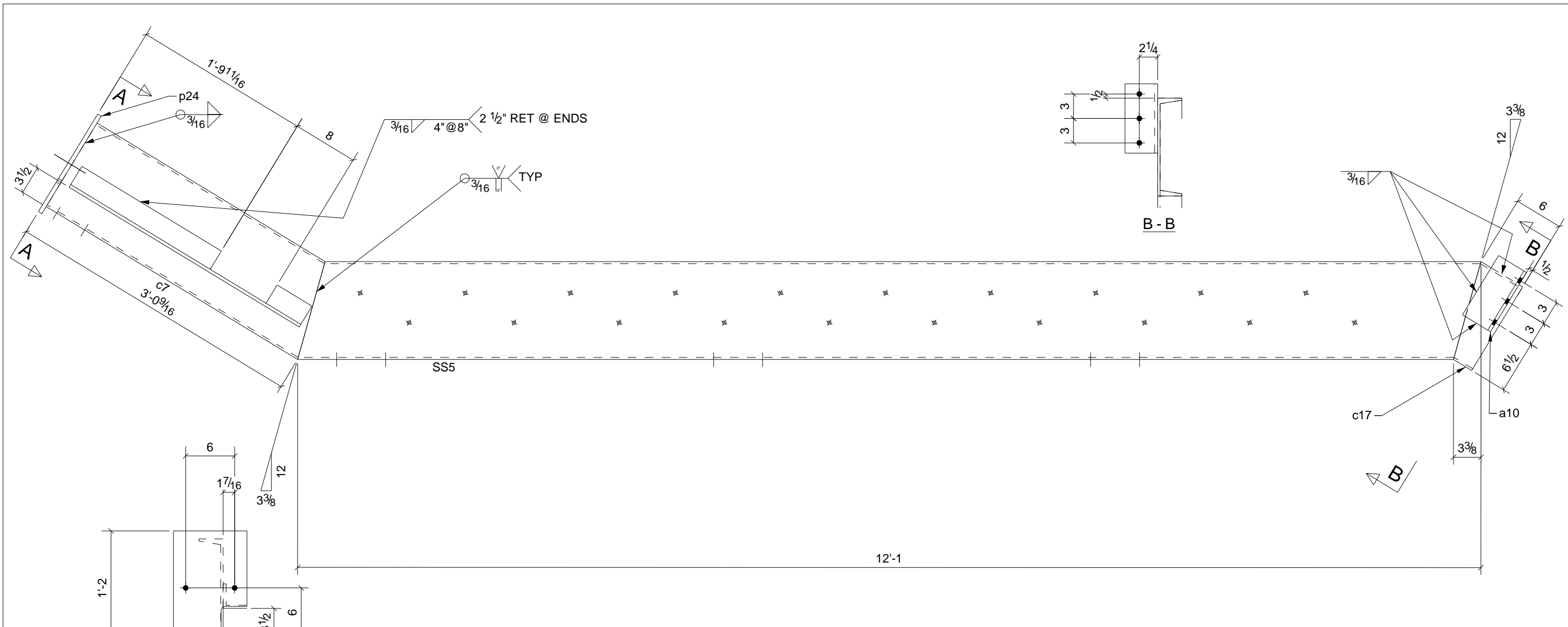
DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/28/2009
CHKD. BY TMC	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. SS5



A - A

ONE - STRINGER - SS5

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS5	1	C12X7.41	12'-1"		BEV-2 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a10	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-9"	a33	6061-T6 ALUMINUM
		1	C12X7.41	3'-0 1/16"	c7	6061-T6 ALUMINUM
		1	C12X7.41	0'-6"	c17	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-2"	p24	6061-T6 ALUMINUM

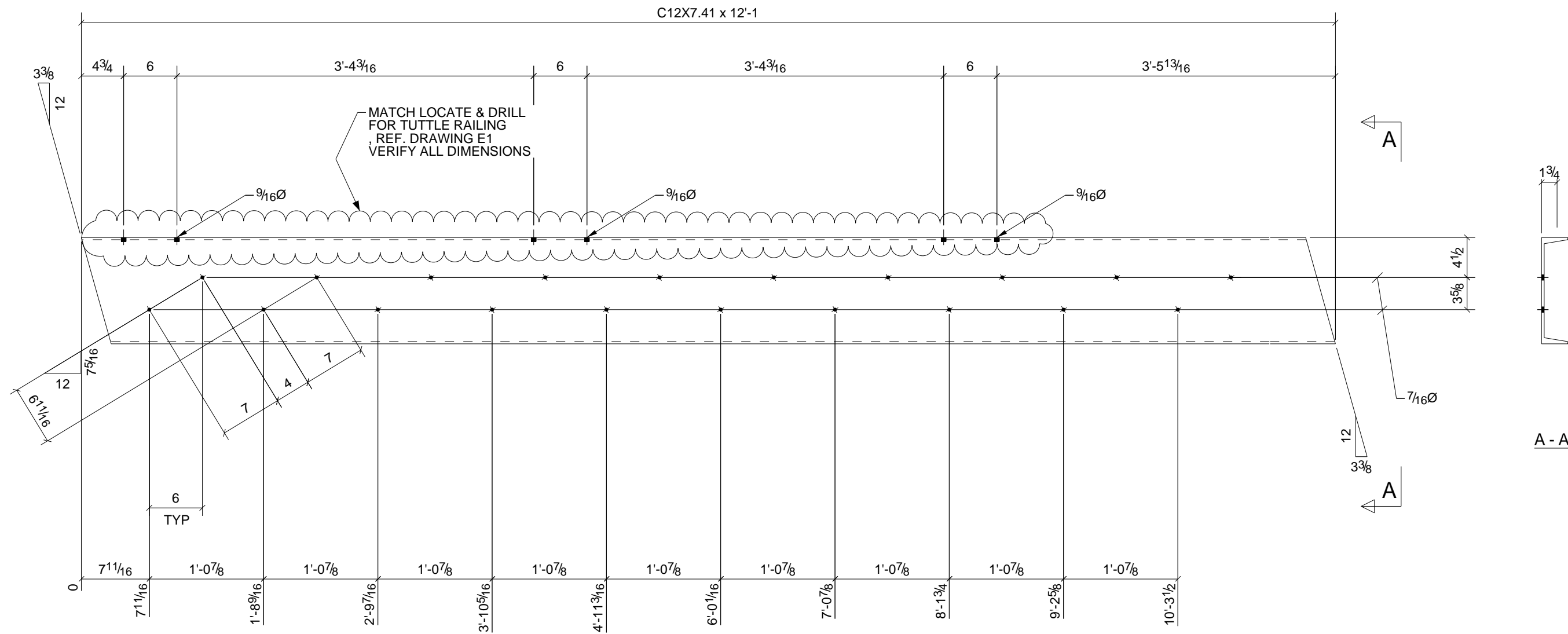
A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK

GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				

DESCRIPTION:	STAIR STRINGER ASS'Y ~ ALUMINUM
PROJECT NAME	GREGG W.W.T.P.
LOCATION	GREGG TWP.-UNION CO., PA
CONTRACTOR	ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY	DATE	
TMAC	09/29/2009	
CHKD. BY	DATE	
TMc	07/19/2010	
JOB No.	DRG. No.	REV.
17-171-9	SS5	2



1	SS6
Qty.	In Assembly

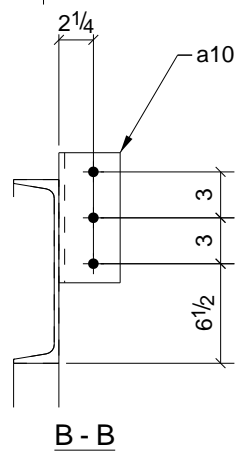
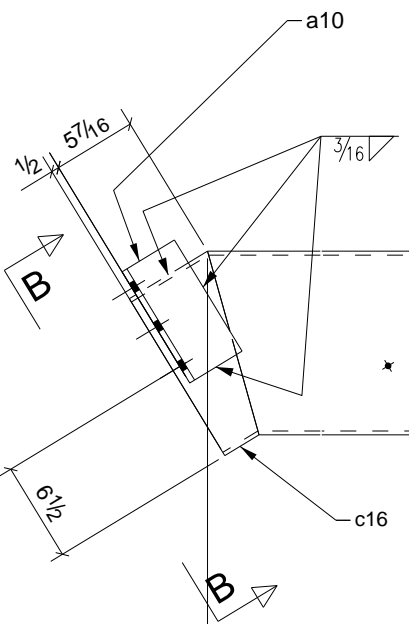
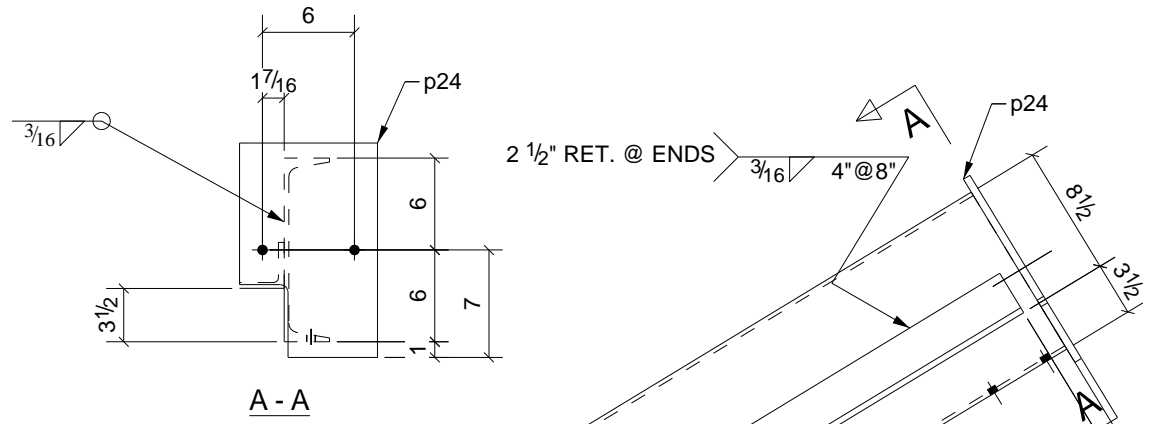
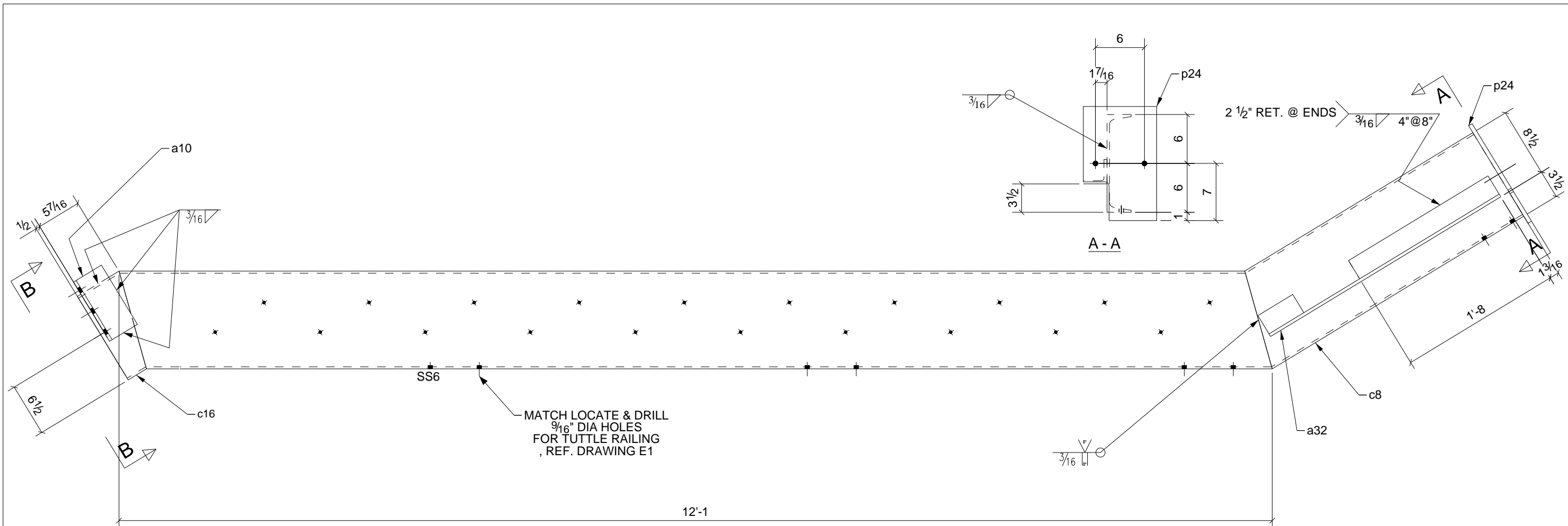
MARK	QTY.	SIZE	LENGTH	COMMENTS
SS6	1	C12X7.41	12'-1"	

DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMC	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. SS6



ONE - STRINGER - SS6

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS6	1	C12X7.41	12'-1"		BEV-2 6061-T6 ALUMINUM
		1	L4X4X3/8	0'-8 1/2"	a10	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-9"	a32	6061-T6 ALUMINUM
		1	C12X7.41	3'-0 1/16"	c8	6061-T6 ALUMINUM
		1	C12X7.41	0'-6"	c16	6061-T6 ALUMINUM
		1	FL1/2"X9"	1'-2"	p24	6061-T6 ALUMINUM

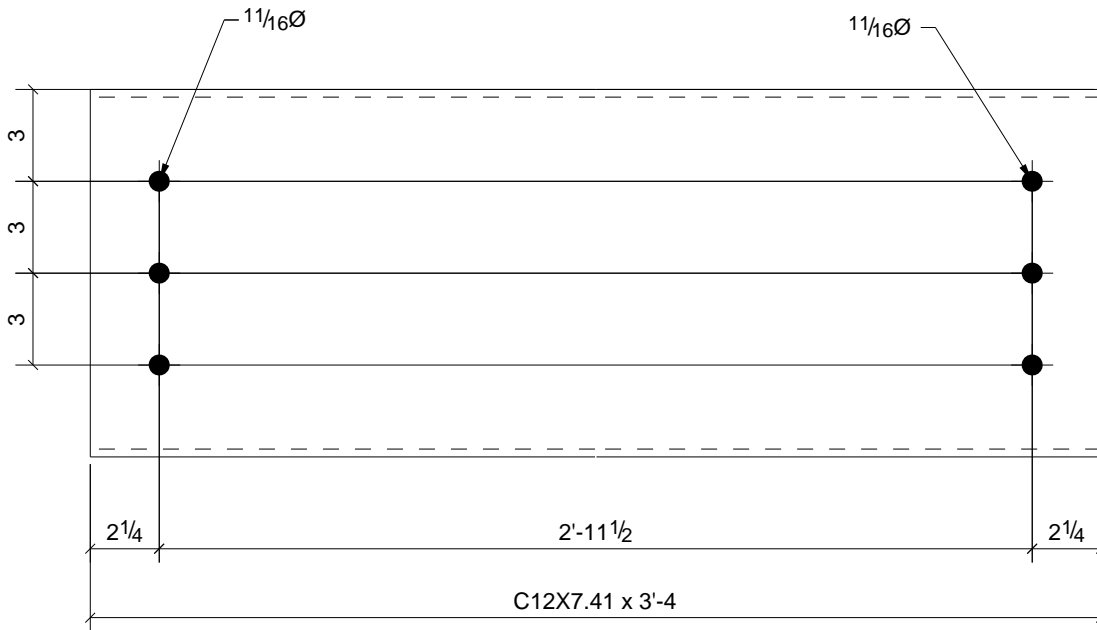
A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK

GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				

DESCRIPTION: STAIR STRINGER ASS'Y ~ ALUMINUM
 PROJECT NAME: GREGG W.W.T.P.
 LOCATION: GREGG TWP.-UNION CO., PA
 CONTRACTOR: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/29/2009
CHKD. BY TMc	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. SS6
	REV. 2



1	SS7
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
SS7	1	C12X7.41	3'-4"	

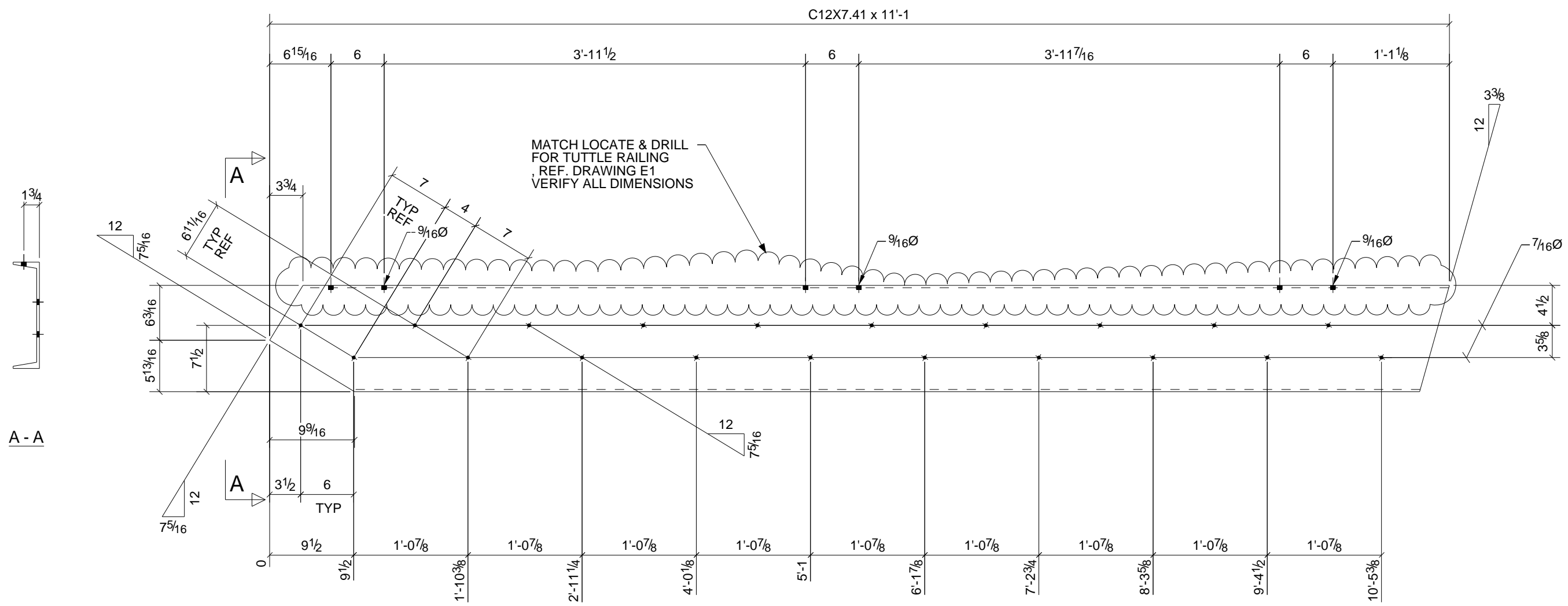
DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/27/2009
CHKD. BY TMC	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. SS7



MATCH LOCATE & DRILL FOR TUTTLE RAILING
 , REF. DRAWING E1
 VERIFY ALL DIMENSIONS

1	SS8
Qty.	In Assembly

MARK	QTY.	SIZE	LENGTH	COMMENTS
SS8	1	C12X7.41	11'-1"	

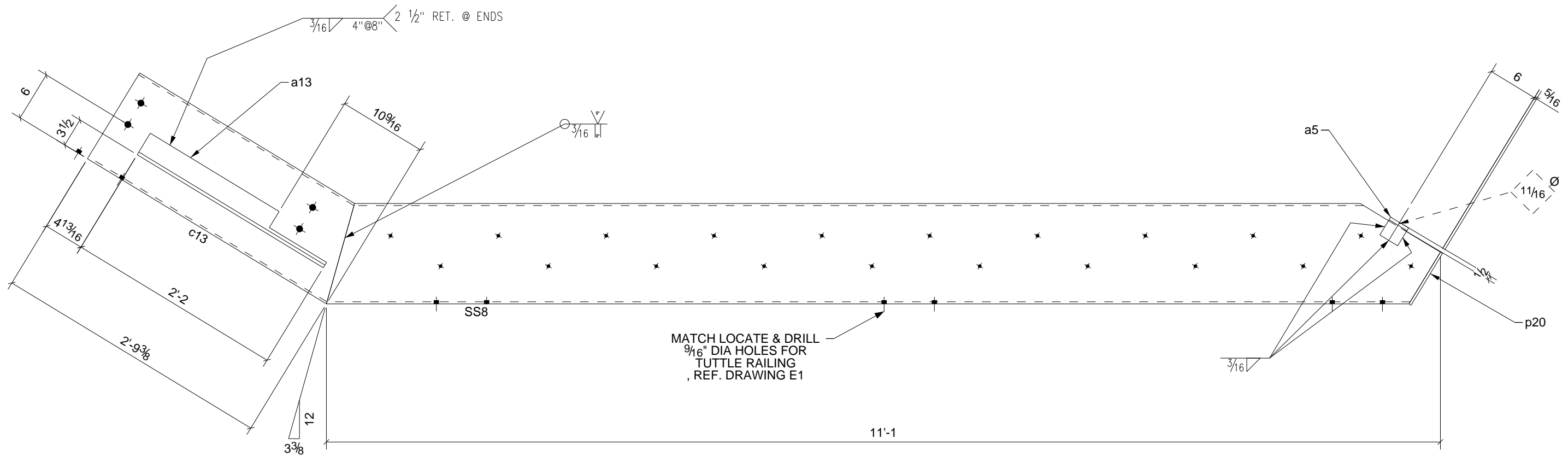
DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc
 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY TMAC	DATE 09/27/2009
CHKD. BY TMC	DATE 07/19/2010
JOB No. 17-171-9	DRG. No. SS8



ONE - STRINGER - SS8

A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK

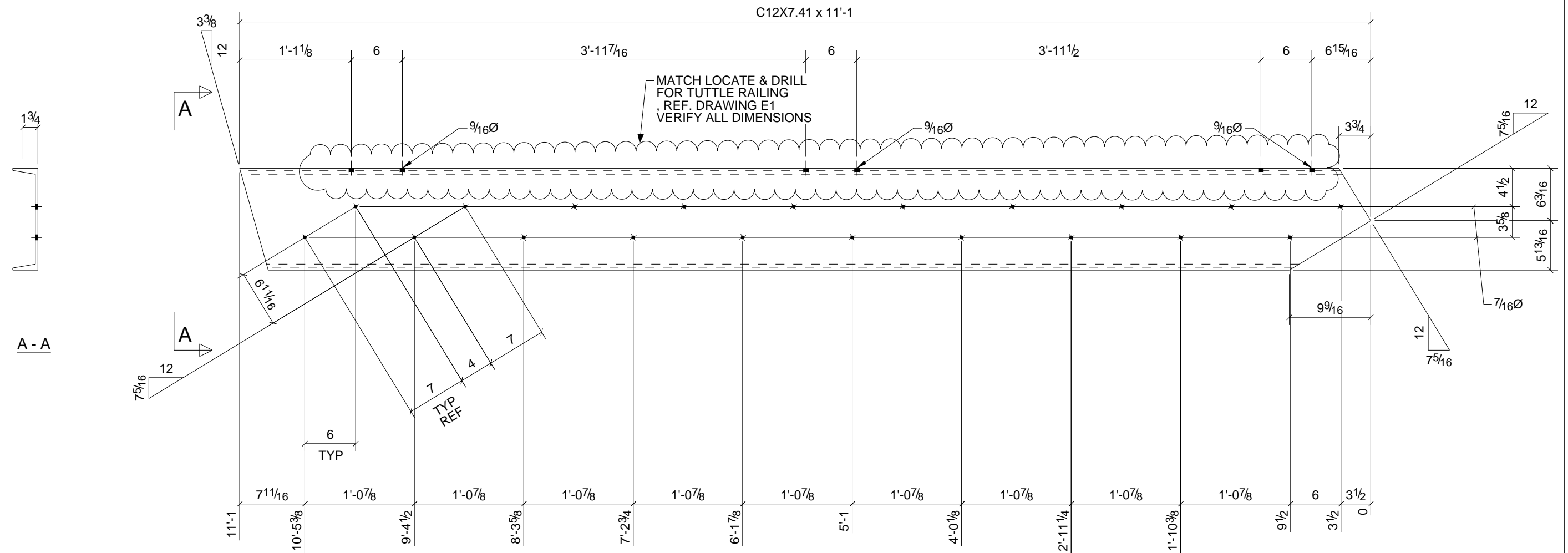
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				

DESCRIPTION:	STAIR STRINGER ASS'Y ~ ALUMINUM
PROJECT NAME	GREGG W.W.T.P.
LOCATION	GREGG TWP.-UNION CO., PA
CONTRACTOR	ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMAC	09/29/2009
	CHKD. BY	DATE
	TMc	07/19/2010
JOB No.	DRG. No.	REV.
17-171-9	SS8	2

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS8	1	C12X7.41	11'-1"		BEV-2 6061-T6 ALUMINUM
		1	L2-1/2X2-1/2X3/8	0'-2 1/2"	a5	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-2"	a13	6061-T6 ALUMINUM
		1	C12X7.41	2'-9 3/8"	c13	6061-T6 ALUMINUM
		1	PL5/16"X2 15/16"	0'-7 1/4"	p20	6061-T6 ALUMINUM



1	SS9
Qty.	In Assembly

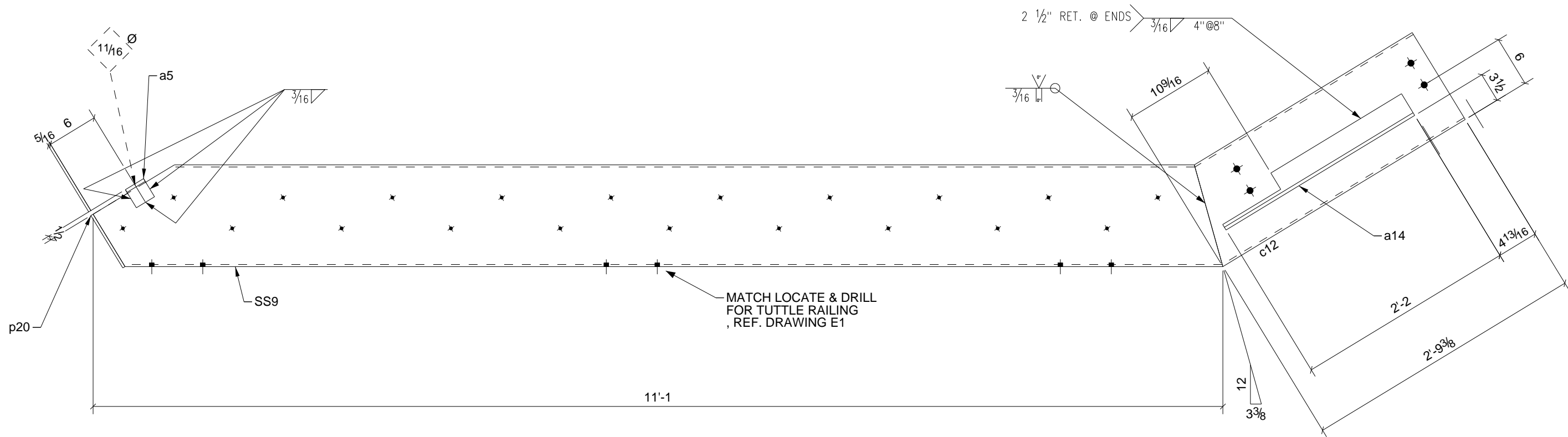
MARK	QTY.	SIZE	LENGTH	COMMENTS
SS9	1	C12X7.41	11'-1"	

DESCRIPTION: STAIR STRINGER ~ ALUMINUM

PROJECT NAME GREGG W.W.T.P.
 LOCATION GREGG TWP.-UNION CO., PA

CUSTOMER: ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY TMAC	DATE 09/27/2009
	CHKD. BY TMc	DATE 07/19/2010
	JOB No. 17-171-9	DRG. No. SS9



ONE - STRINGER - SS9

A	For Approval	10/05/09	TMAC	
0	For Fabrication	7/26/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK

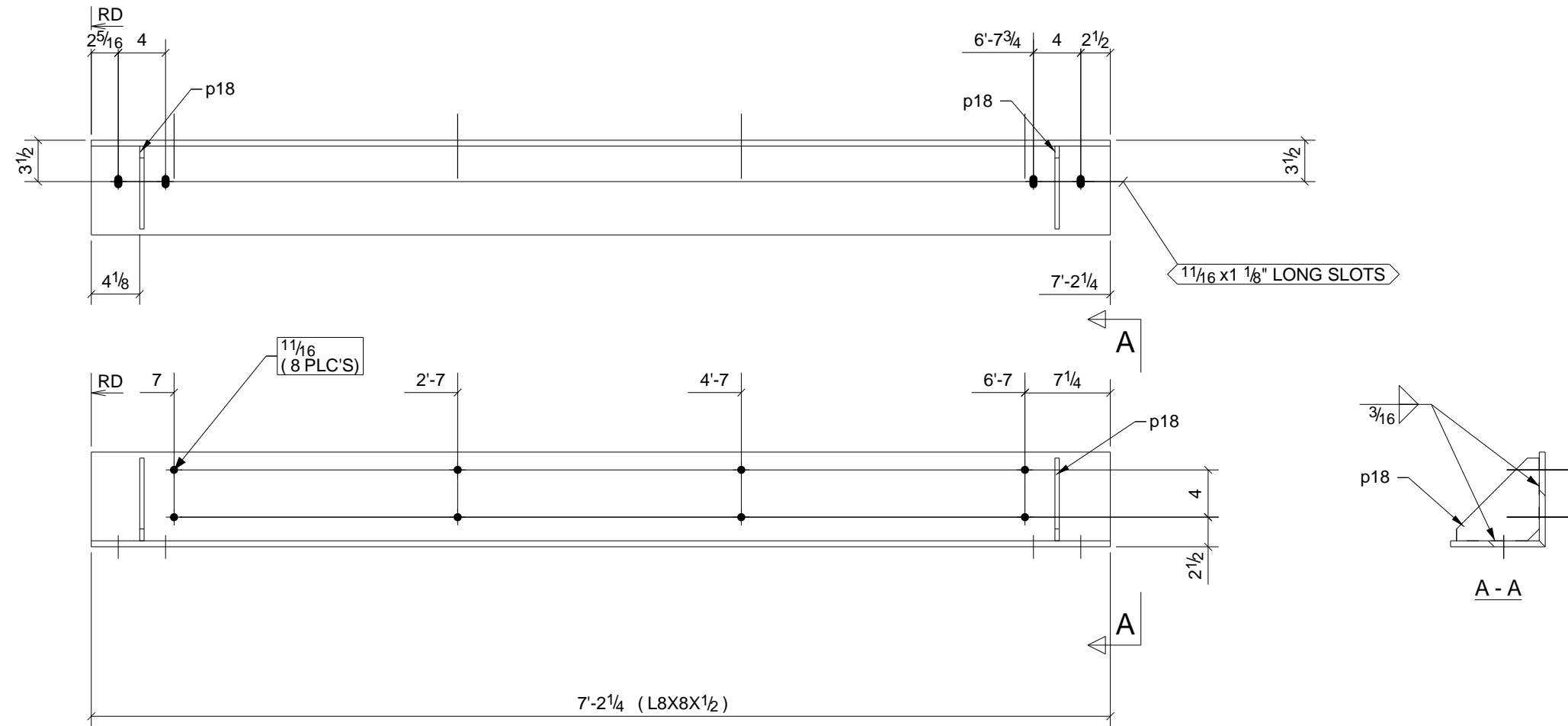
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				

DESCRIPTION:	STAIR STRINGER ASS'Y ~ ALUMINUM
PROJECT NAME	GREGG W.W.T.P.
LOCATION	GREGG TWP.-UNION CO., PA
CONTRACTOR	ZARTMAN

A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333	DRAWN BY	DATE
	TMAC	09/29/2009
	CHKD. BY	DATE
	TMc	07/19/2010
JOB No.	DRG. No.	REV.
17-171-9	SS9	2

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	SS9	1	C12X7.41	11'-1"		BEV-2 6061-T6 ALUMINUM
		1	L2-1/2X2-1/2X3/8	0'-2 1/2"	a5	6061-T6 ALUMINUM
		1	L3X3X3/8	2'-2"	a14	6061-T6 ALUMINUM
		1	C12X7.41	2'-9 3/8"	c12	6061-T6 ALUMINUM
		1	PL5/16"X2 15/16"	0'-7 1/4"	p20	6061-T6 ALUMINUM



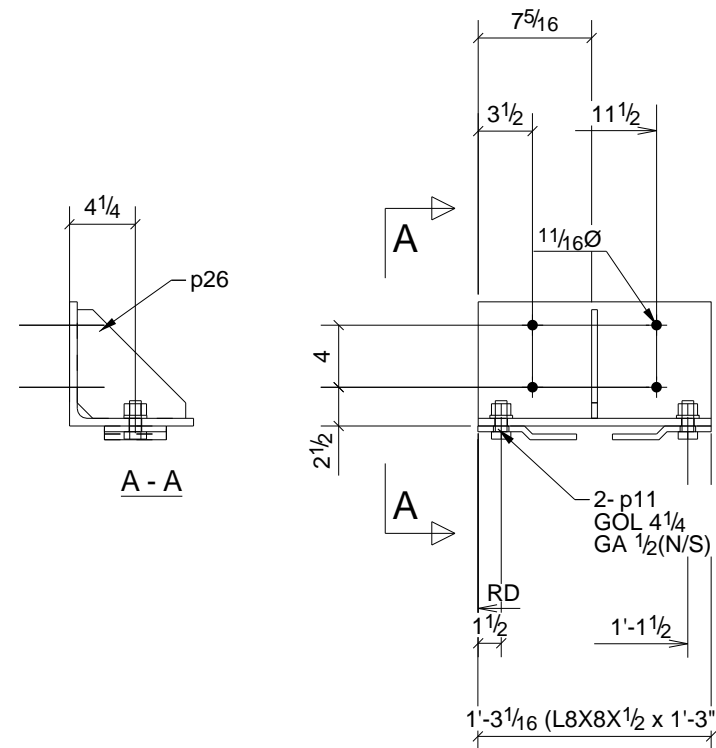
ONE - ANGLE - A1

HOT DIP GALVANIZED

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	A1	1	L8X8X1/2	7'-2 1/4"		SQ-2 A36 GALVANIZED
		2	BAR3/8"X7"	0'-7"	p18	A36 GALVANIZED

A	For Approval	10/05/09	TMAC	
0	For Fabrication	5/19/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED		ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. U/N		CONN'S.: 3/4"Ø A325-N-ST U.N.	SHOP	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			APPROVAL	
DESCRIPTION:		BEAM SEAT ASS'Y		
PROJECT NAME		GREGG W.W.T.P.		
LOCATION		GREGG TWP.-UNION CO., PA		
CONTRACTOR		ZARTMAN		
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		TMAC	10/07/2009	
		CHKD. BY	DATE	
TMc	05/18/2010			
JOB No.	DRG. No.	REV.		
17-171-9	A1	2		

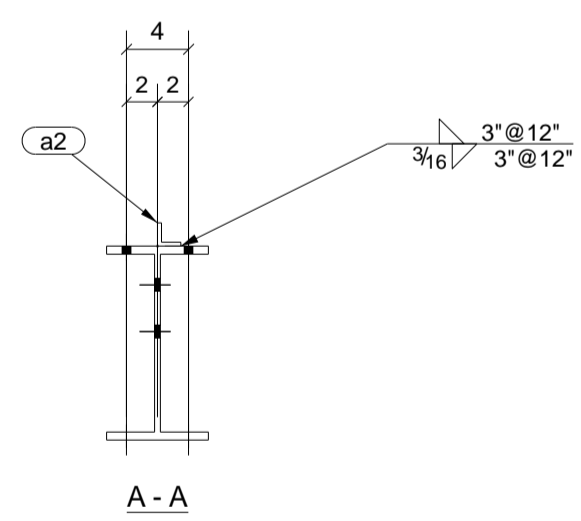
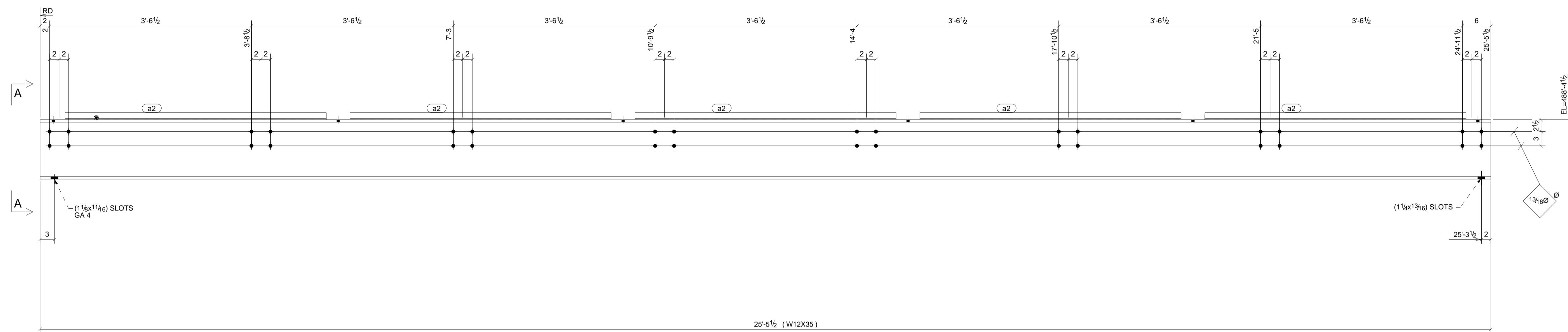
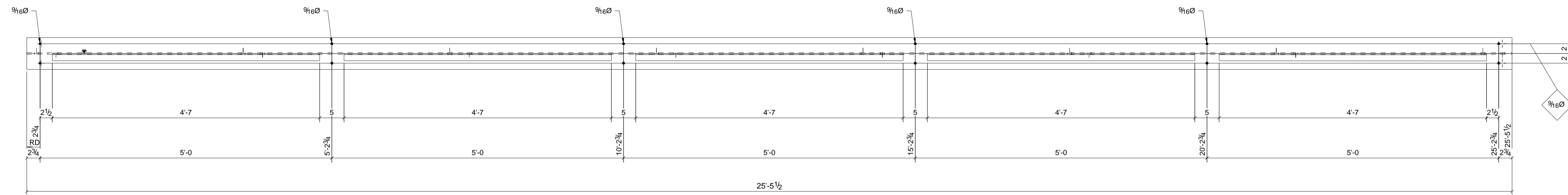


ONE - ANGLE - A3

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	A3	1	L8X8X1/2	1'-3"		SQ-2 A36 GALVANIZED
		2	PL4"X7/8"	0'-6 3/8"	p11	A36 GALVANIZED
		1	BAR3/8"X7"	0'-7"	p26	A36 GALVANIZED
		2	3/4"Ø A325N BOLT	0'-2"		

A	For Approval	10/05/09	TMAC	
0	For Fabrication	5/19/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: ANGLE SEAT				
PROJECT NAME		GREGG W.W.T.P.		
LOCATION		GREGG TWP.-UNION CO., PA		
CONTRACTOR		ZARTMAN		
A S P Services Inc		DRAWN BY	DATE	
10 Lisalyn Rd.		TMAC	05/21/2010	
Selinsgrove, PA 17870		CHKD. BY	DATE	
(570) 374-5333		TMc	05/19/2010	
		JOB No.	DRG. No.	REV.
		17-171-9	A3	2

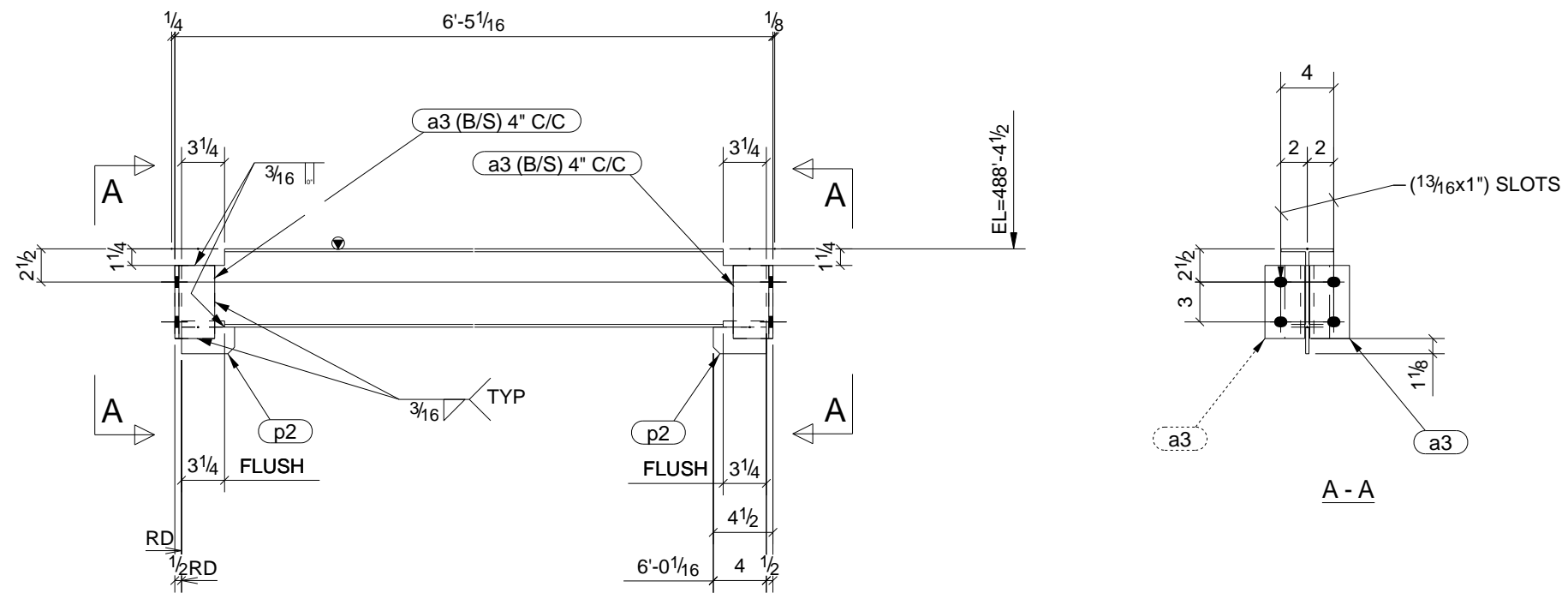


ONE - BEAM - B1

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	B1	1	W12X35	25'-5 1/2"		SQ-2 A992 GALVANIZED
		5	L1-1/2X1-1/2X1/4	4'-7"	a2	A36 GALVANIZED

A	For Approval	10/05/09	TMAC	
0	For Fabrication	5/19/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONNS.: 3/4"Ø A325-N-ST U.N.			SHOP
SURFACE PREP. AND PAINT: PER SPECS			APPROVAL	
DESCRIPTION: BEAM ASS'Y				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333			DRAWN BY:	DATE:
			TMAC	10/07/2009
			CHKD BY:	DATE:
TMc	05/18/2010			
JOB No:	DRG. No:	REV.		
17-171-9	B1	2		



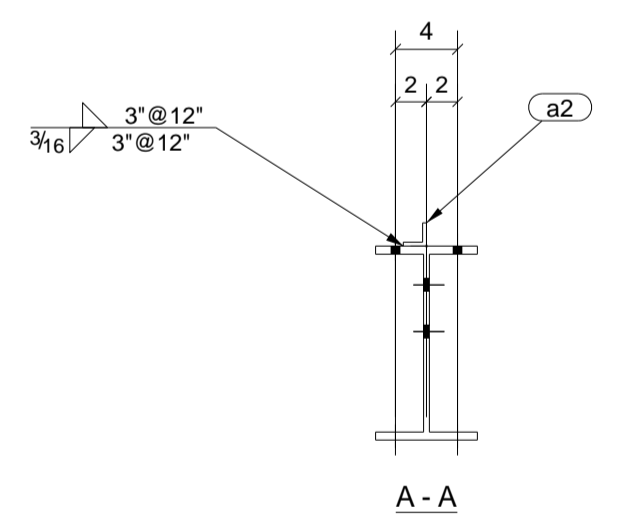
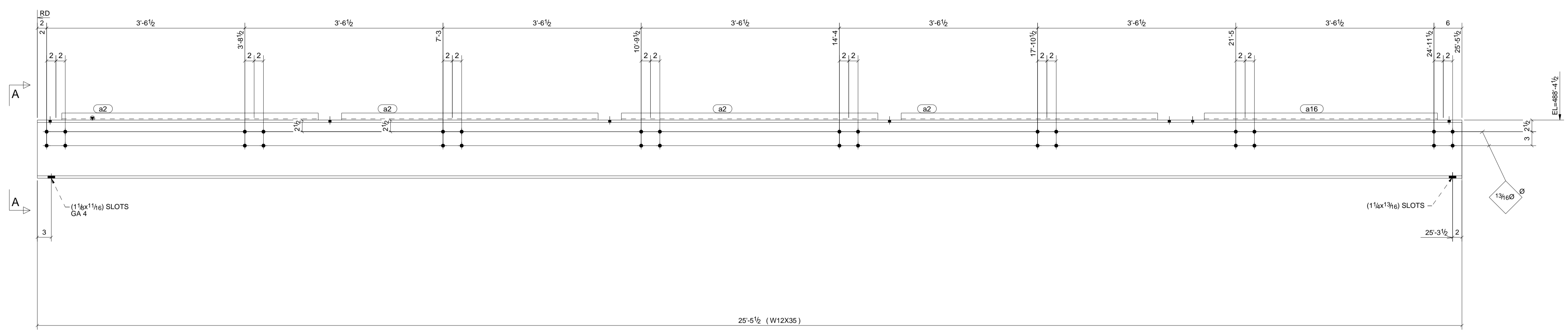
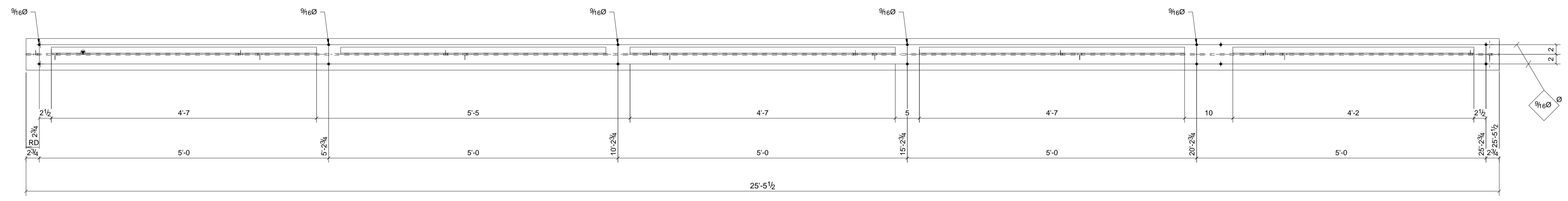
8 - BEAMS - B2

HOT DIP GALVANIZED

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
8	B2	8	W6X9	6'-4 1/16"		SQ-2 A992 GALVANIZED
		32	L3X3X5/16	0'-5 1/2"	a3	A36 GALVANIZED
		16	BAR1/4"X2"	0'-4"	p2	A36 GALVANIZED

A	For Approval	10/05/09	TMAC	
0	For Fabrication	5/19/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: BEAM ASS'Y				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY TMAC	DATE 10/07/2009	
		CHKD. BY TMc	DATE 05/18/2010	
		JOB No. 17-171-9	DRG. No. B2	REV. 2

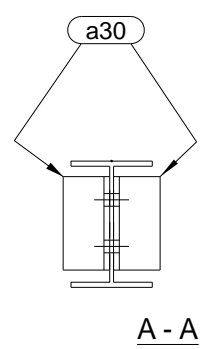
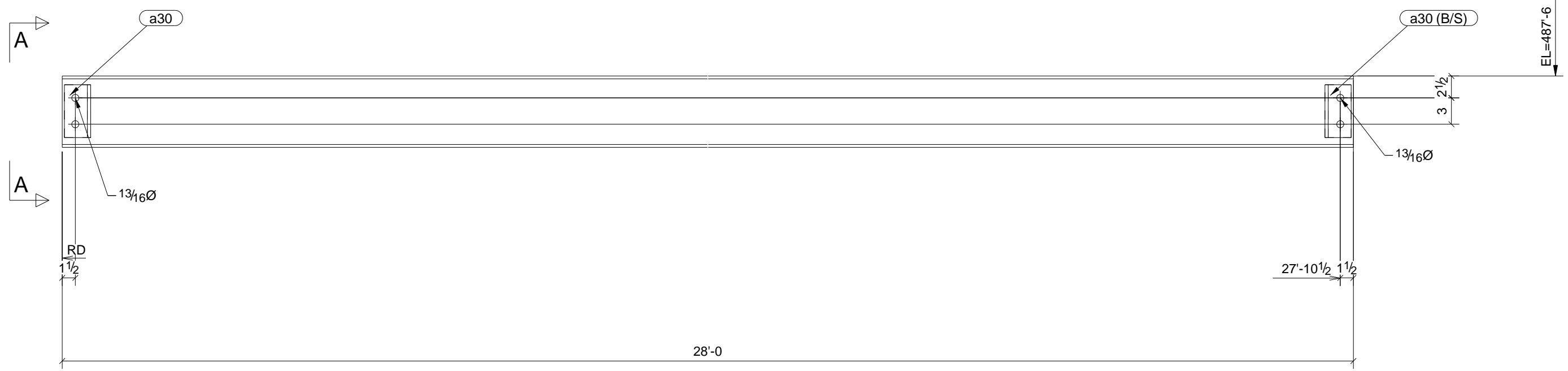


ONE - BEAM - B3
HOT DIP GALVANIZED

BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	B3	1	W12X35	25'-5 1/2"		SQ-2 A992 GALVANIZED
		4	L1-1/2X1-1/2X1/4	4'-7"	a2	A36 GALVANIZED
		1	L1-1/2X1-1/2X1/4	4'-2"	a16	A36 GALVANIZED

A	For Approval	10/05/09	TMAC	
0	For Fabrication	5/19/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONNS.: 3/4"Ø A325-N-ST U.N.	APPROVAL		
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: BEAM ASS'Y				
PROJECT NAME: GREGG W.W.T.P.				
LOCATION: GREGG TWP.-UNION CO., PA				
CONTRACTOR: ZARTMAN				
DRAWN BY: TMAC		DATE: 10/08/2009		
CHKD BY: TMc		DATE: 05/18/2010		
JOB No: 17-171-9		DRG. No: B3		
		REV: 2		

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(570) 374-5333

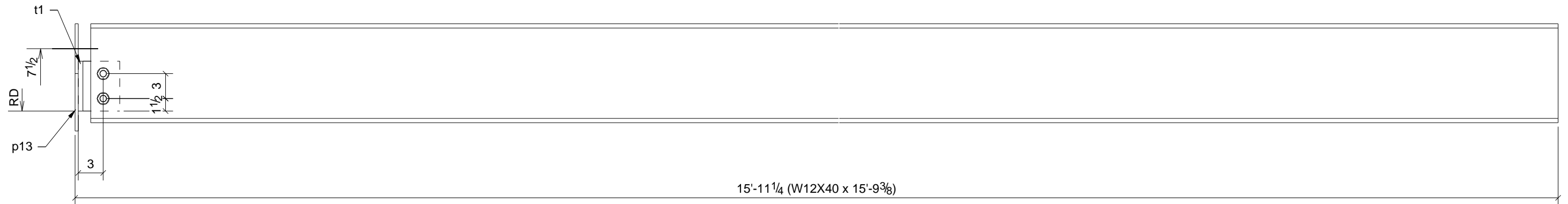


ONE - BEAM - B4

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	B4	1	W8X18	28'-0"		SQ-2 A992 GALVANIZED
		4	L3X3X3/8	0'-6"	a30	A36 GALVANIZED
		4	3/4"Ø A325N BOLT	0'-2 1/4"		GALVANIZED

0	For Fabrication	5/19/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: BEAM ASS'Y				
PROJECT NAME GREGG W.W.T.P.				
LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
<p align="center">A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333</p>			DRAWN BY	DATE
			TMAC	10/05/2009
			CHKD. BY	DATE
			TMc	05/18/2010
JOB No.	DRG. No.	REV.		
17-171-9	B4	1		



ONE - BEAM - B6

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	B6	1	W12X40	15'-9 3/8"		SQ-2 A992 GALVANIZED
		1	PL3/8"X12 7/8"	2'-6"	p13	A36 GALVANIZED
		1	WT5X24.5	0'-6"	t1	A992 GALVANIZED
		2	3/4"Ø A325N BOLT	0'-2"		GALVANIZED

A	For Approval	10/05/09	TMAC	
0	For Fabrication	5/19/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK

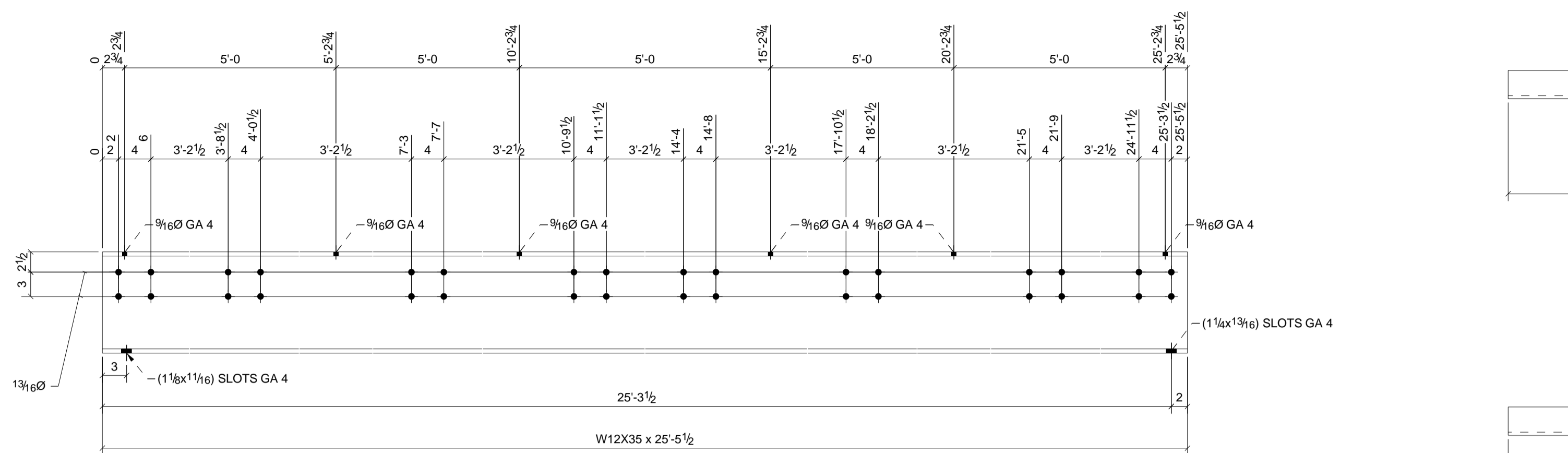
GENERAL NOTES

MATERIAL: AS NOTED			ELECTRODES: E70xx LH	REF. DRG.	JOB USE
HOLES: 13/16 DIA. U/N			CONN'S.: 3/4"Ø A325-N-ST U.N.		SHOP
SURFACE PREP. PER SPECS			AND PAINT: PER SPECS		APPROVAL

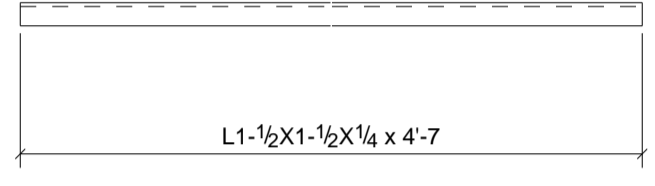
DESCRIPTION:	BEAM
PROJECT NAME	GREGG W.W.T.P.
LOCATION	GREGG TWP.-UNION CO., PA
CONTRACTOR	ZARTMAN

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 Selinsgrove, PA 17870
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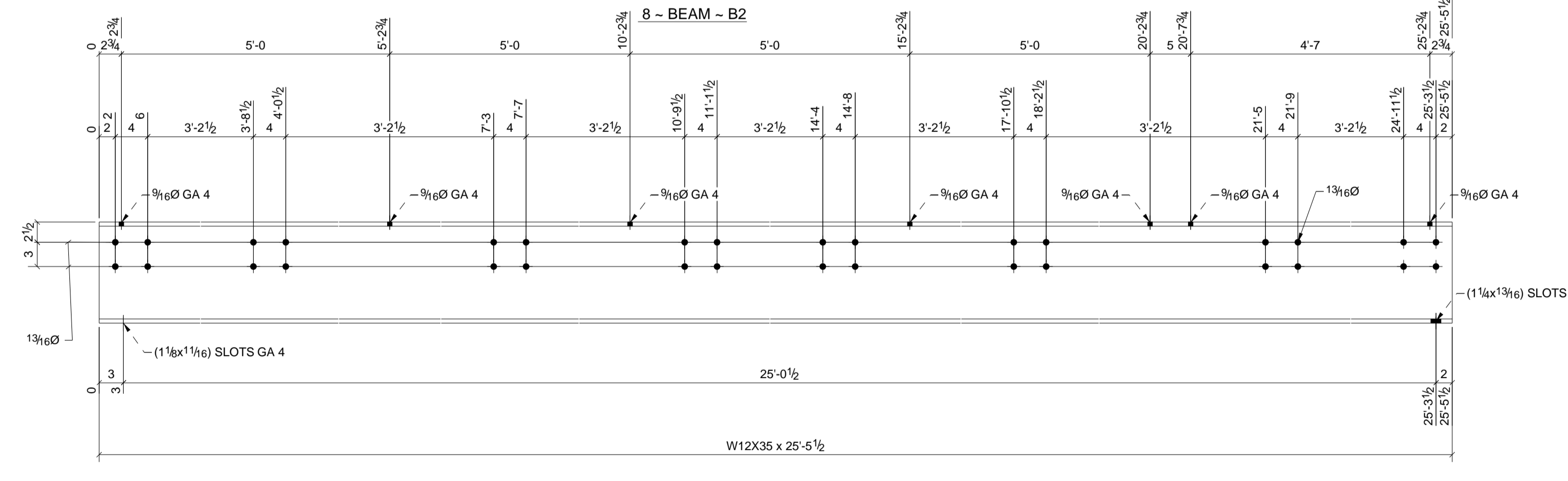
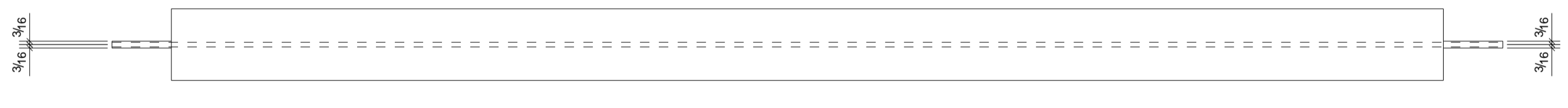
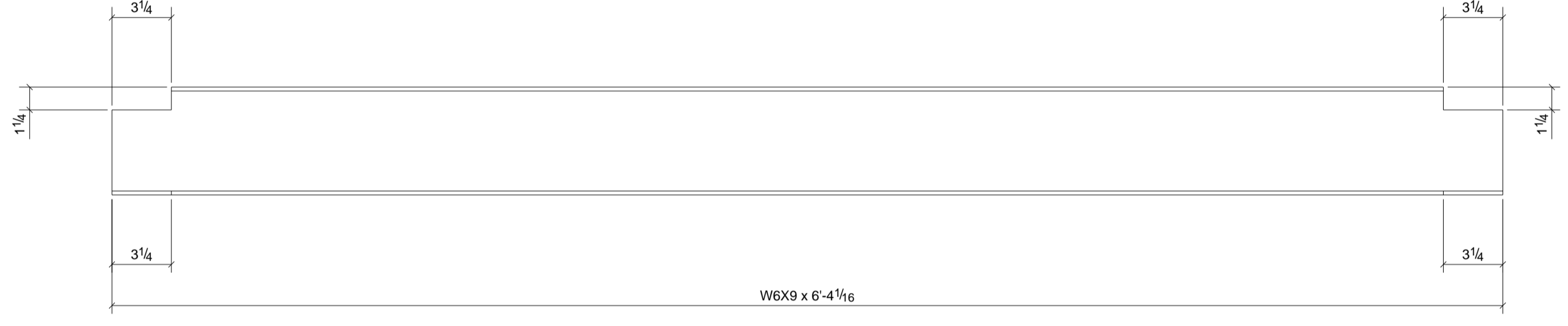
DRAWN BY	TMAC	DATE	05/21/2010
CHKD. BY	TMc	DATE	05/19/2010
JOB No.	17-171-9	DRG. No.	B6
		REV.	2



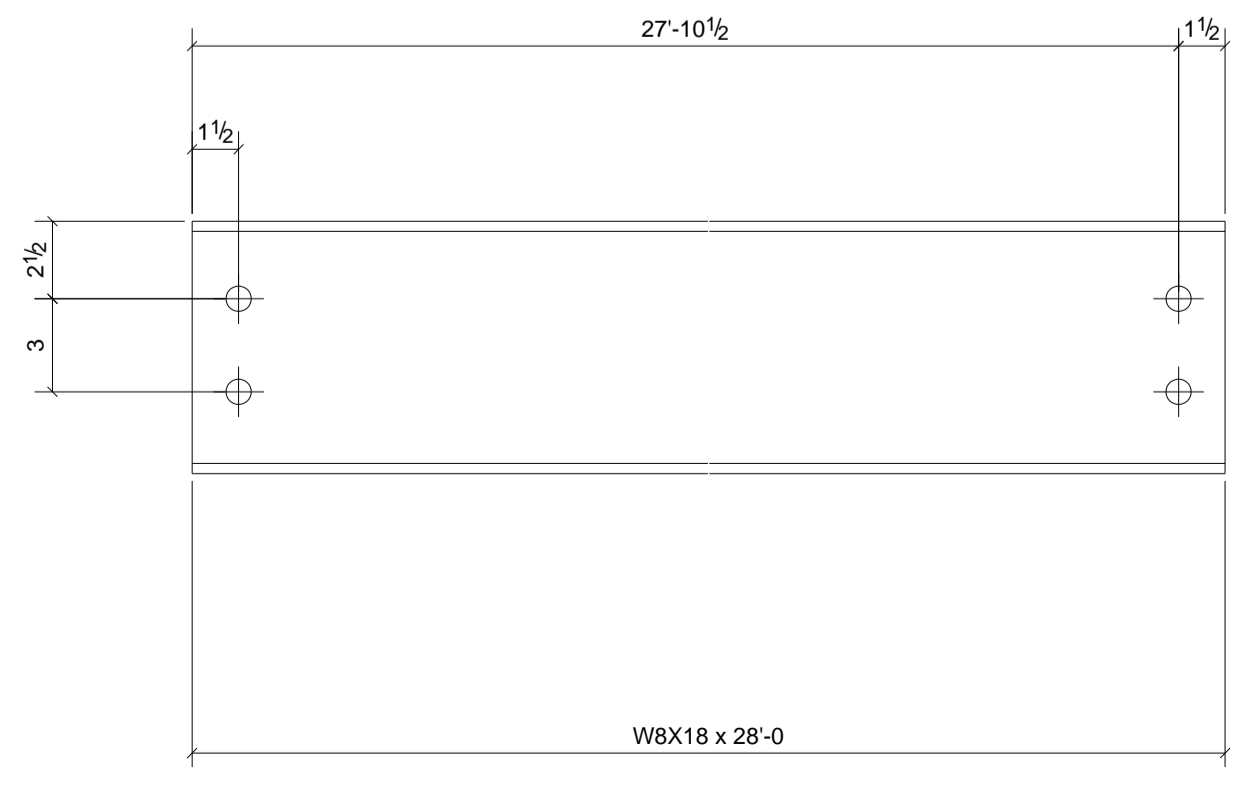
1 - BEAM - B1



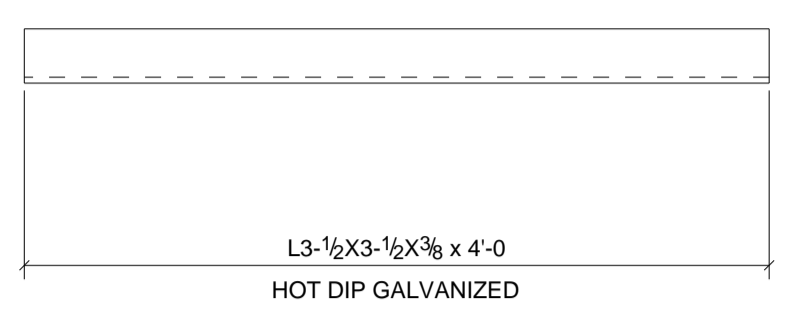
9 - ANGLE - a2



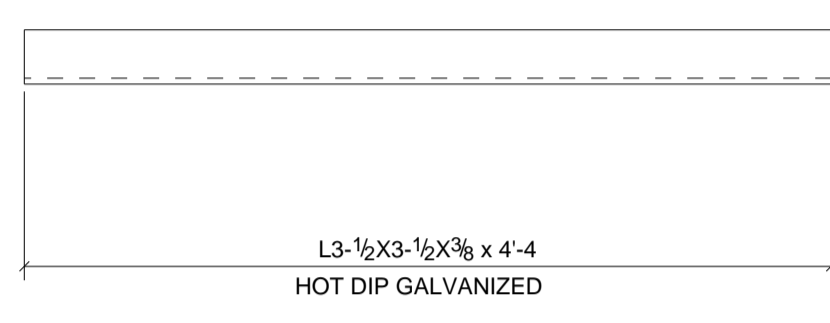
1 - BEAM - B3



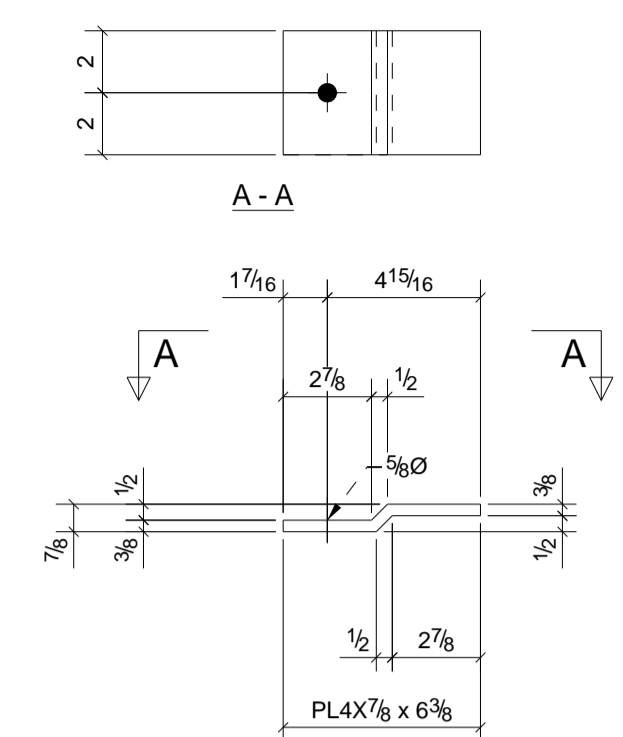
1 - BEAM - B4



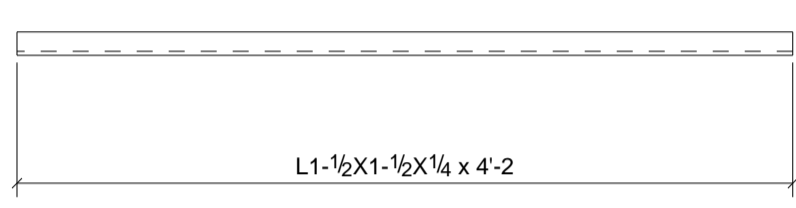
4 - ANGLE - M1M1



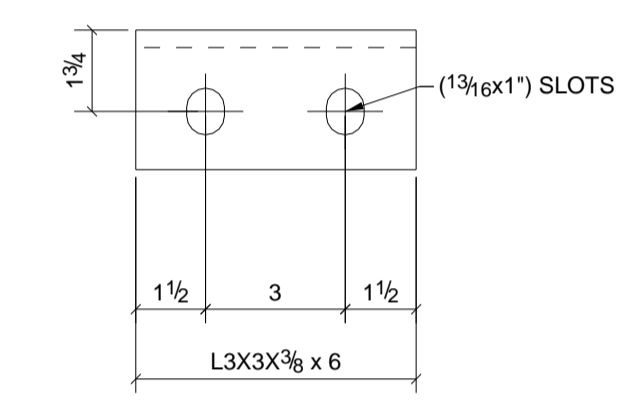
8 - ANGLE - M1M2



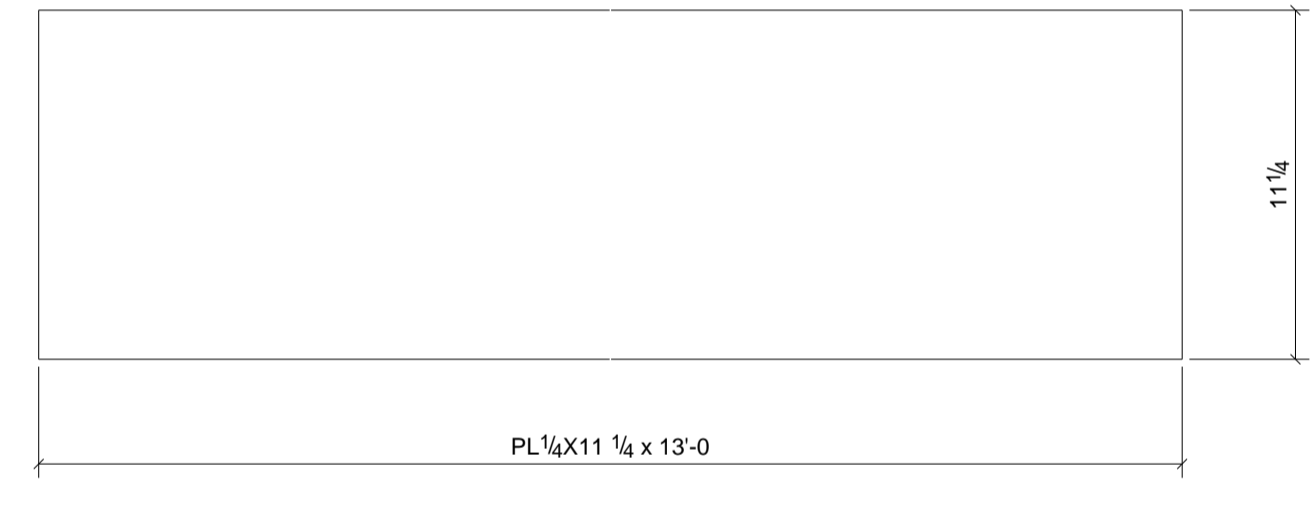
14 - PLATE - P1



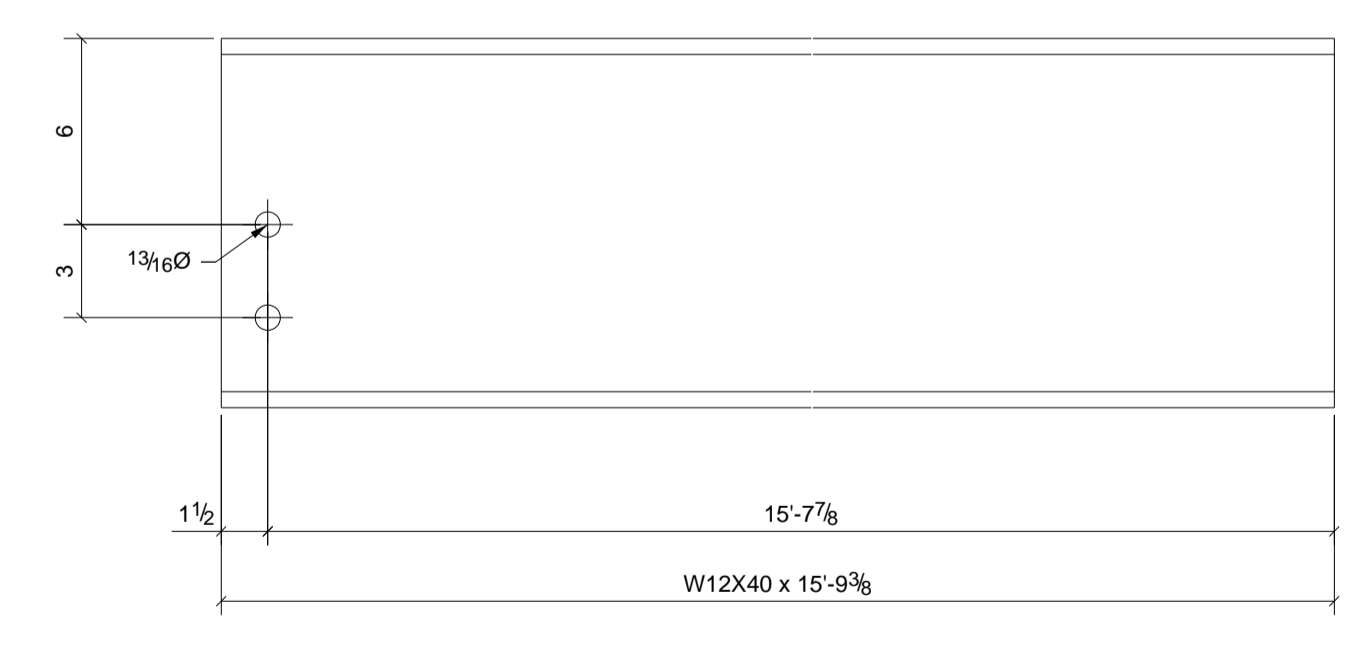
1 - ANGLE - a16



4 - ANGLE - a30



1 - PLATE - p1



1 - BEAM - B6

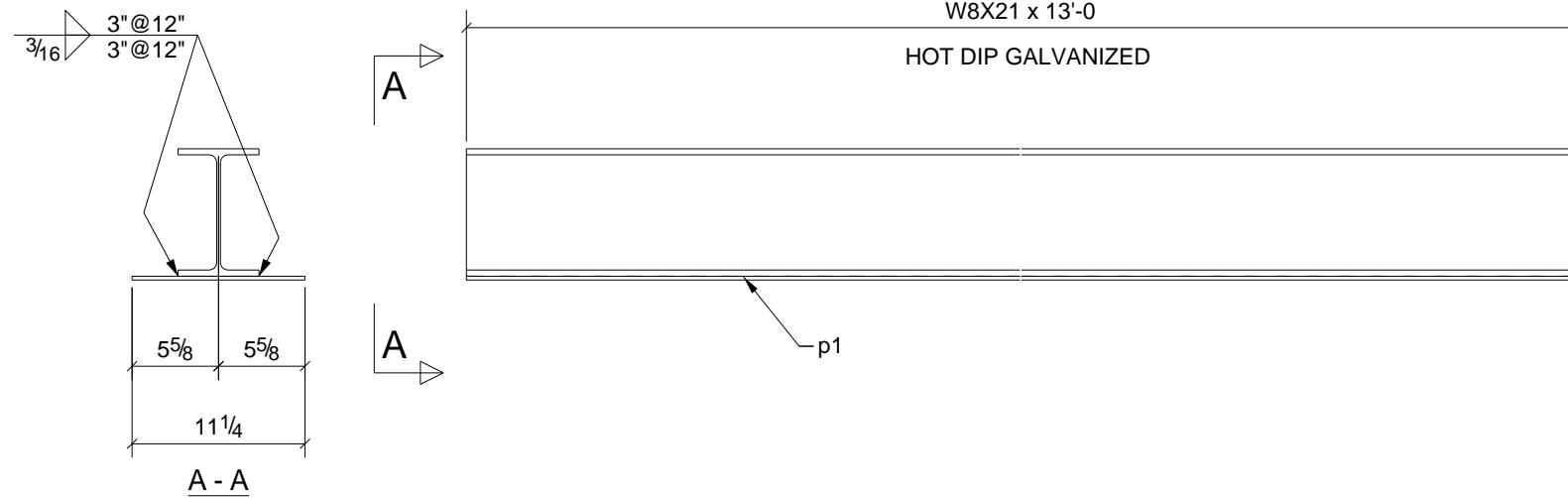
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	B1	1	W12X35	25'-5 1/2"		SO-2 A992 GALVANIZED
		5	L1-1/2X1-1/2X1/4	4'-7"	a2	A36 GALVANIZED
8	B2	8	W6X9	6'-4 1/16"		SO-2 A992 GALVANIZED
		32	L3X3X5/16	0'-5 1/2"	a3	A36 GALVANIZED
		16	BAR1/4"X2"	0'-4"	p2	A36 GALVANIZED
1	B3	1	W12X35	25'-5 1/2"		SO-2 A992 GALVANIZED
		4	L1-1/2X1-1/2X1/4	4'-7"	a2	A36 GALVANIZED
		1	L1-1/2X1-1/2X1/4	4'-2"	a16	A36 GALVANIZED
1	B4	1	W8X18	28'-0"		SO-2 A992 GALVANIZED
		4	L3X3X3/8	0'-6"	a30	A36 GALVANIZED
		4	3/4"Ø A325N BOLT	0'-2 1/4"		
1	B6	1	W12X40	15'-9 3/8"		SO-2 A992 GALVANIZED
		1	PL3/8"X12 7/8"	2'-6"	p13	A36 GALVANIZED
		1	WTSX24.5	0'-6"	t1	A992 GALVANIZED
		2	3/4"Ø A325N BOLT	0'-2"		
1	M1B1	1	W8X21	13'-0"		SO-2 A36 GALVANIZED
		1	PL1/4"X11 1/4"	13'-0"	p1	A36 GALVANIZED
4	M1M1	4	L3-1/2X3-1/2X3/8	4'-0"		SO-2 A36 GALVANIZED
8	M1M2	8	L3-1/2X3-1/2X3/8	4'-4"		SO-2 A36 GALVANIZED
14	P1	14	PL4"X7/8"	0'-6 3/8"		SO-2 A36 GALVANIZED

0	For Fabrication	5/21/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL AS NOTED UN	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. UN	CONVS: 3/4"Ø A325-N-ST U.N.		SHOP	
SURFACE PREP. AND PAINT:			APPROVAL	
PER SPECS PER SPECS				
DESCRIPTION: GALVANIZED GATHER SHEET 1/2				
PROJ. NAME	GREGG W.W.T.P.	DRAWN BY	TMAC	
LOCATION	GREGG TWP.-UNION CO., PA	DATE	05/21/2010	
CONTRACTOR	ZARTMAN	ARCH./ENG.	BASSETT ENGINEERING	CHKD. BY
				TMc
		DATE	05/21/2010	
		JOB No.	17-171-9	
		DRG No.	M1	REV.
				0

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(570) 374-5333





ONE - LINTEL - M1B1

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	M1B1	1	W8X21	13'-0"		SQ-2 A36 GALVANIZED
		1	PL1/4"X11 1/4"	13'-0"	p1	A36 GALVANIZED

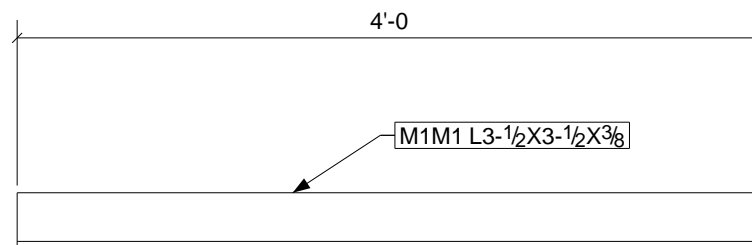
A	For Approval	10/05/09	TMAC	
0	For Fabrication	5/19/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK

GENERAL NOTES			JOB USE
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		SHOP
SURFACE PREP. PER SPECS AND PAINT: PER SPECS			APPROVAL

DESCRIPTION:	BEAM LINTEL
PROJECT NAME	GREGG W.W.T.P.
LOCATION	GREGG TWP.-UNION CO., PA
CONTRACTOR	ZARTMAN

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 10 Lisalyn Rd.
 Selinsgrove, PA 17870
 (570) 374-5333

DRAWN BY	TMAC	DATE	09/29/2009
CHKD. BY	TMc	DATE	05/18/2010
JOB No.	17-171-9	DRG. No.	M1B1
		REV.	2

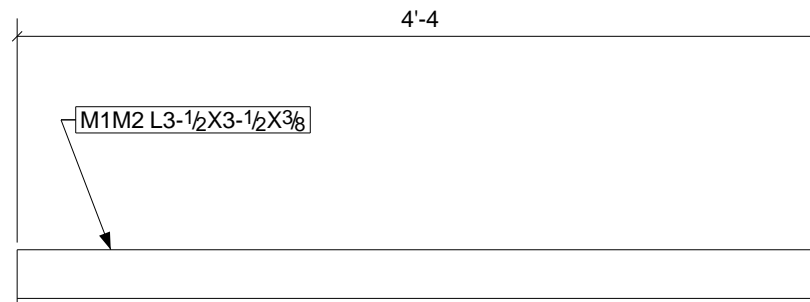


4 - ANGLES - M1M1

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
4	M1M1	4	L3-1/2X3-1/2X3/8	4'-0"		SQ-2 A36 GALVANIZED

A	For Approval	10/05/09	TMAC	
0	For Fabrication	5/19/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: ANGLE LINTEL				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		TMAC	09/29/2009	
		CHKD. BY	DATE	
TMc	05/18/2010			
JOB No.	DRG. No.	REV.		
17-171-9	M1M1	2		

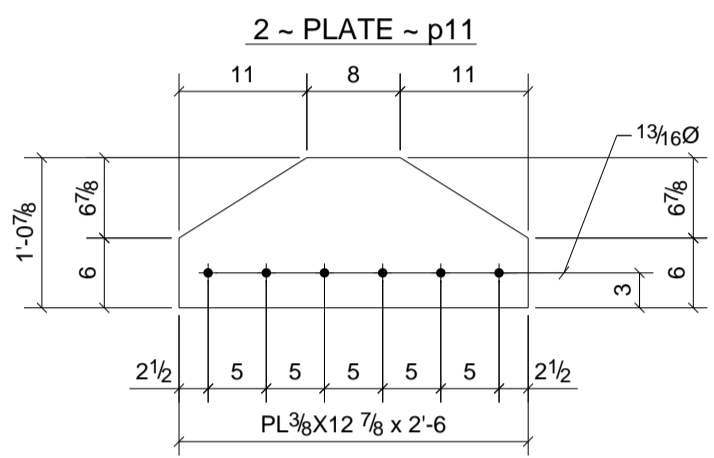
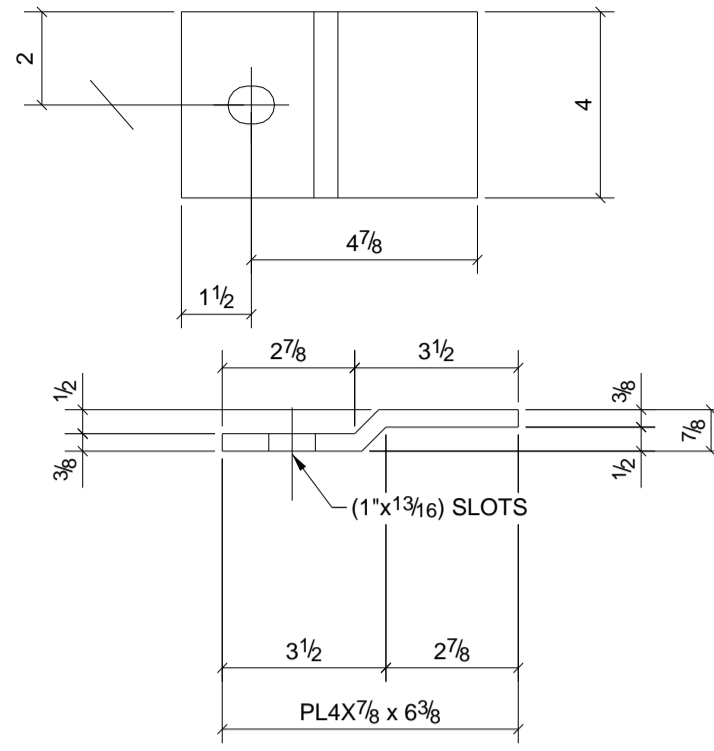


8 - ANGLES - M1M2

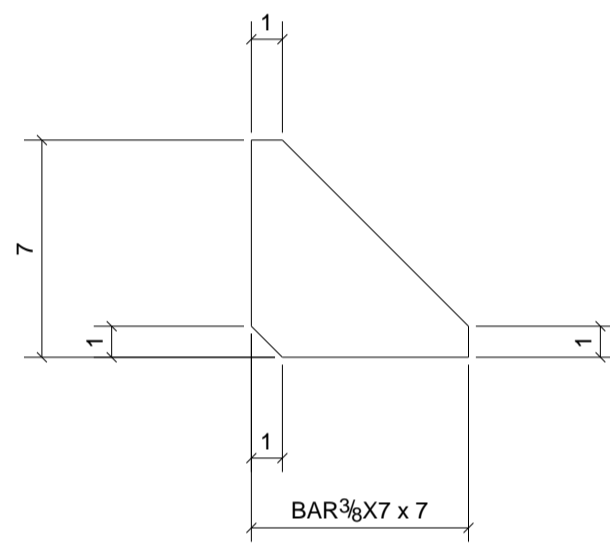
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
8	M1M2	8	L3-1/2X3-1/2X3/8	4'-4"		SQ-2 A36 GALVANIZED

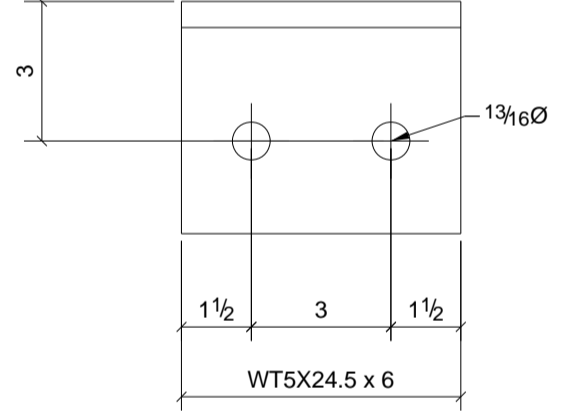
A	For Approval	10/05/09	TMAC	
0	For Fabrication	5/19/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: ANGLE LINTEL				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
A S P Services Inc 10 Lisalyn Rd. Selinsgrove, PA 17870 (570) 374-5333		DRAWN BY	DATE	
		TMAC	09/29/2009	
		CHKD. BY	DATE	
TMc	05/18/2010			
JOB No.	DRG. No.	REV.		
17-171-9	M1M2	2		



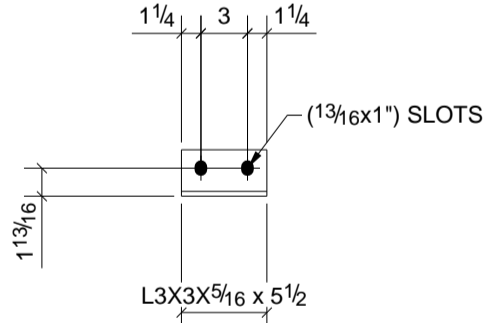
2 - PLATE - p11



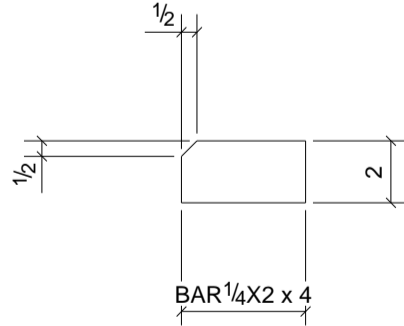
1 - PLATE PLATE - p13



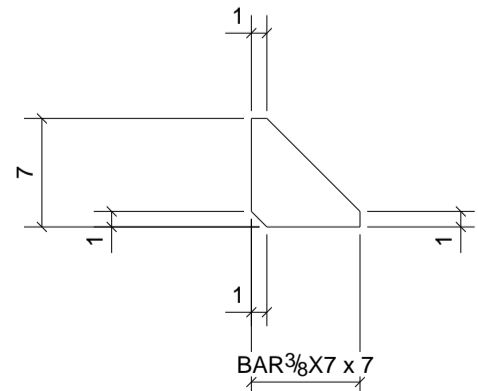
1 - PLATE - p26



1 - WT - t1



32 - ANGLE - a3



16 - HAUNCH PLATE - p2



2 - PLATE - p18

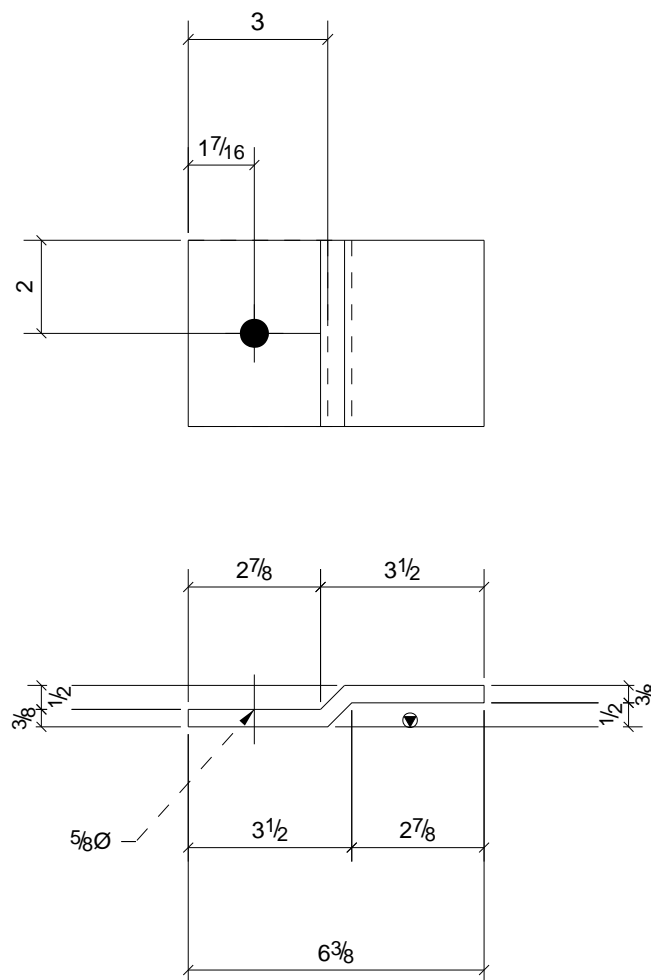
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	A1	1	L8X8X1/2	7'-2 1/4"		SO-2 A36 GALVANIZED
		2	BAR3/8"X7"	0'-7"	p18	A36 GALVANIZED
1	A3	1	L8X8X1/2	1'-3"		SO-2 A36 GALVANIZED
		2	PL4"X7/8"	0'-6 3/8"	p11	A36 GALVANIZED
		1	BAR3/8"X7"	0'-7"	p26	A36 GALVANIZED
		2	3/4"Ø A325N BOLT	0'-2"		
8	B2	8	W6X9	6'-4 1/16"		SO-2 A992 GALVANIZED
		32	L3X3X5/16	0'-5 1/2"	a3	A36 GALVANIZED
		16	BAR1/4"X2"	0'-4"	p2	A36 GALVANIZED
1	B6	1	W12X40	15'-9 3/8"		SO-2 A992 GALVANIZED
		1	PL3/8"X12 7/8"	2'-6"	p13	A36 GALVANIZED
		1	WT5X24.5	0'-6"	t1	A992 GALVANIZED
		2	3/4"Ø A325N BOLT	0'-2"		

0	For Fabrication	5/21/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				JOB USE
MATERIAL AS NOTED U.N.	ELECTRODES: E70xx LH	REF. DRG.		
HOLES: 13/16 DIA. U.N.	CONVS: 3/4"Ø A325-N-ST U.N.		SHOP	
SURFACE PREP. AND PAINT:				APPROVAL
PER SPECS				
PER SPECS				
DESCRIPTION: GALVANIZED GATHER SHEET 2/2				
PROJ. NAME	GREGG W.W.T.P.	DRAWN BY	TMAC	
LOCATION	GREGG TWP.-UNION CO., PA	DATE	05/21/2010	
CONTRACTOR	ZARTMAN	ARCH./ENG.	BASSETT ENGINEERING	CHKD. BY
				TMc
				DATE
				05/21/2010
				JOB No.
				17-171-9
				DRG. No.
				M2
				REV.
				0



A S P Services Inc
10 Lisalyn Rd.
Selinsgrove, PA 17870
(570) 374-5333



14 - PLATES - P1

0	For Fabrication	5/19/10	TMc	TMAC
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES			JOB USE	
MATERIAL: AS NOTED	ELECTRODES: E70xx LH	REF. DRG.	SHOP	
HOLES: 13/16 DIA. U/N	CONN'S.: 3/4"Ø A325-N-ST U.N.		APPROVAL	
SURFACE PREP. PER SPECS AND PAINT: PER SPECS				
DESCRIPTION: OFFSET PLATE				
PROJECT NAME GREGG W.W.T.P. LOCATION GREGG TWP.-UNION CO., PA				
CONTRACTOR ZARTMAN				
		DRAWN BY TMAC		DATE 05/19/2010
		CHKD. BY TMc		DATE 05/18/2010
		JOB No. 17-171-9	DRG. No. P1	REV. 1

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
14	P1	14	PL4"X7/8"	0'-6 3/8"		SQ-2 A36 GALVANIZED

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