

ISOMETRIC VIEW

FOR FIELD USE

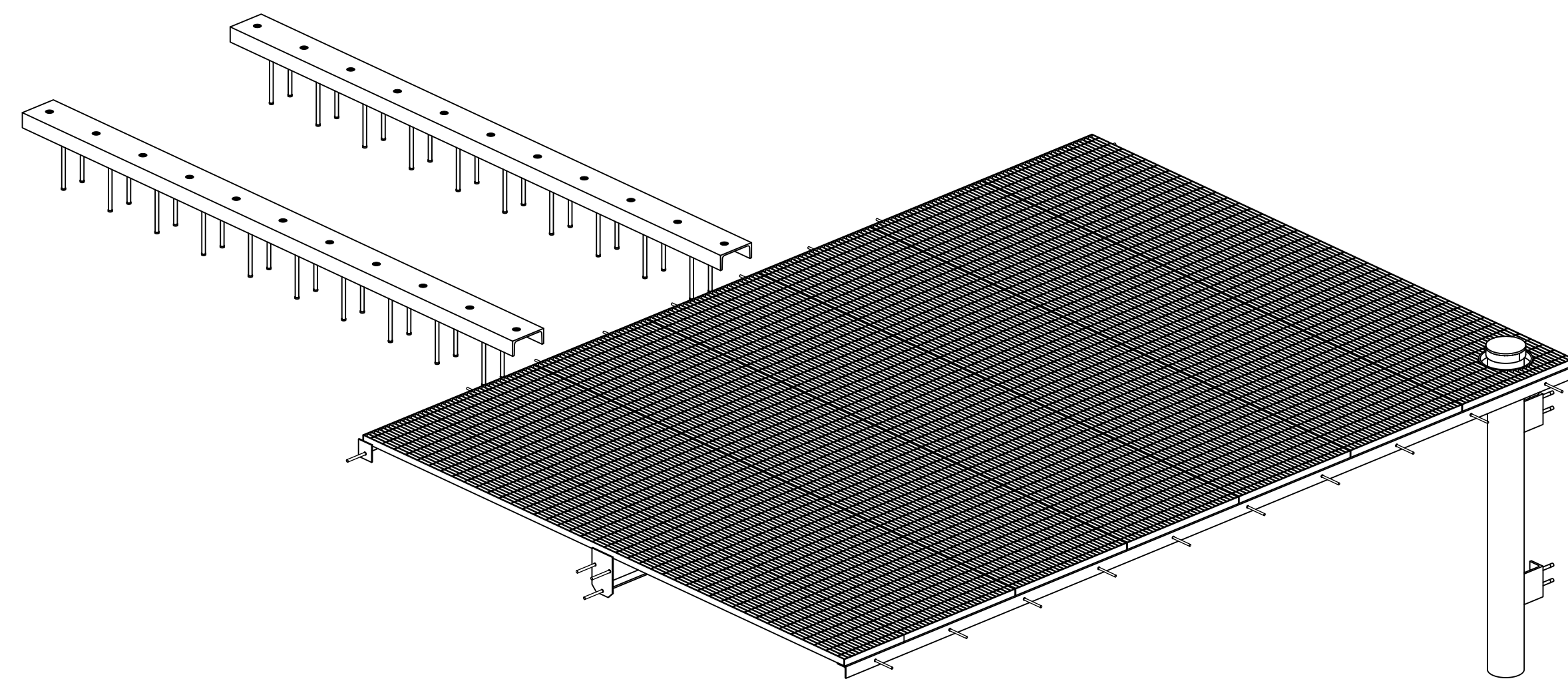
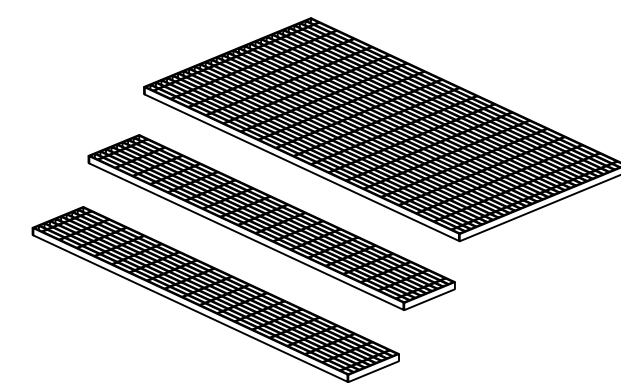
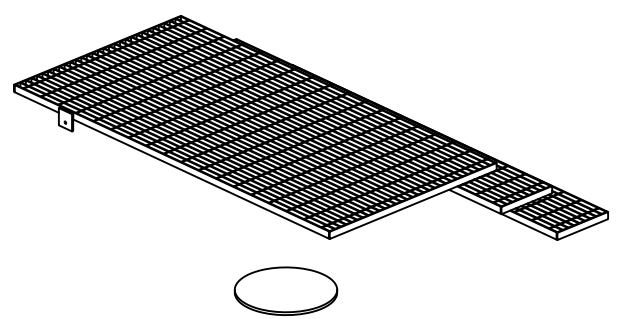
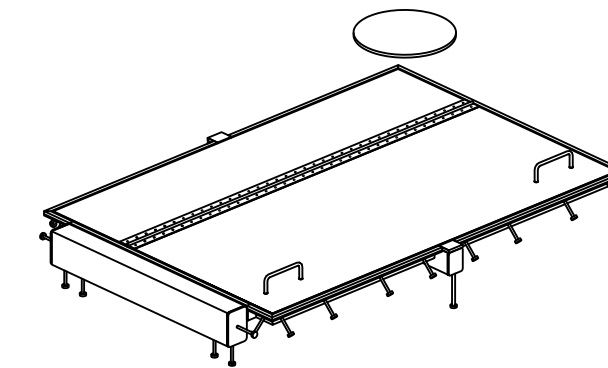
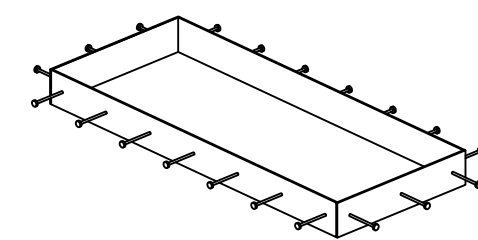
FIELD NOTES:

REF. DWG/SPEC :

DEG REF. SPEC. / DWG :

△			
△	For Field use	ALN	07-26-22
△	For Approval	ALN	07-10-22
REV.	DESCRIPTION	BY	DATE

HOLES U.N.	13/16Ø	PAINT U.N.		WELDS:	E70XX	CLEANING:	
JOB NAME:	PARK SUBSTATION			DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA			SCALE:	N.A.		
CONTRACTOR:	LINEWORKS, LLC			DATE:	06-27-22		
DESCRIPTION:	ISOMETRIC VIEW	JOB NUMBER	149	SHEET NO.	V101	REV	△



ISOMETRIC VIEW

**FOR FIELD USE**

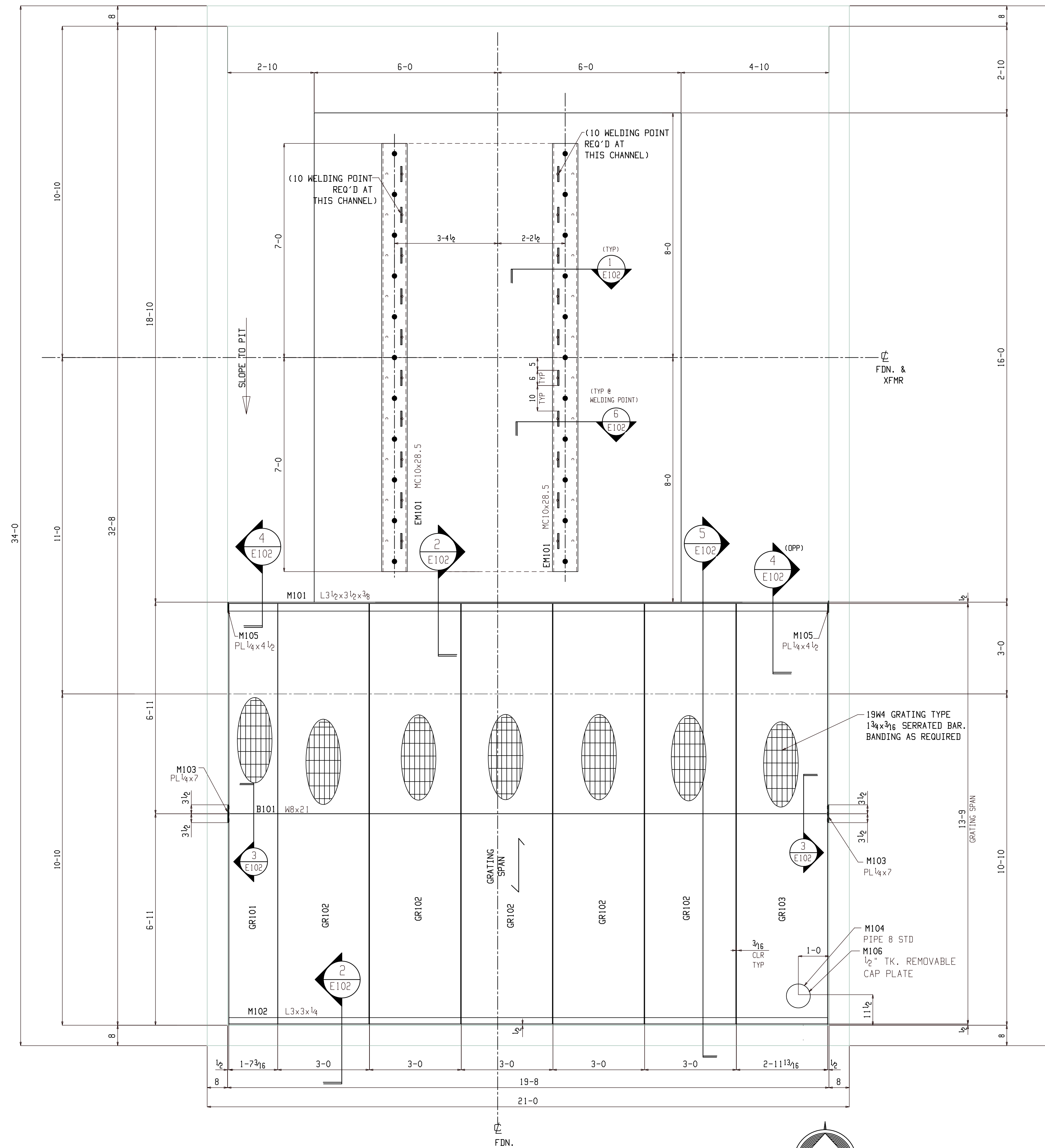
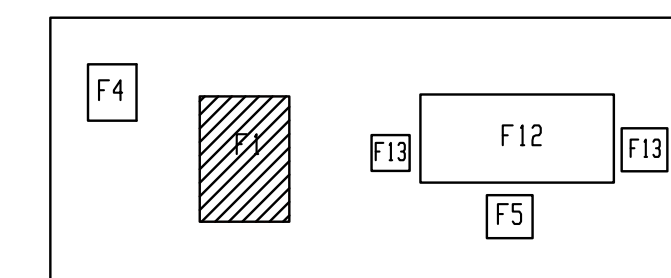
FIELD NOTES:

REF. DWG/SPEC :

DEG REF. SPEC. / DWG :

△			
△	For Field use	ALN	07-26-22
△	For Approval	ALN	07-10-22
REV.	DESCRIPTION	BY	DATE

HOLES U.N.	13/16Ø	PAINT U.N.		WELDS:	E70XX	CLEANING:	
JOB NAME:	PARK SUBSTATION			DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA			SCALE:	N.A.		
CONTRACTOR:	LINEWORKS, LLC			DATE:	06-27-22		
DESCRIPTION:	ISOMETRIC VIEW	JOB NUMBER	149	SHEET NO.	V102	REV	△

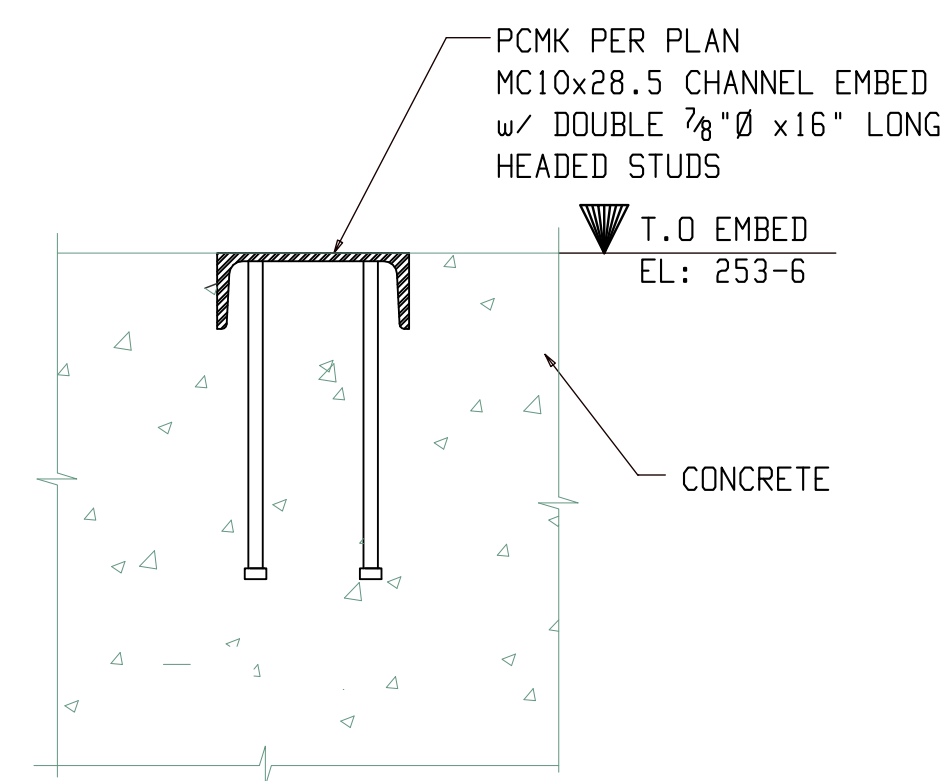


**TRANSFORMER PAD AND OIL CONTAINMENT PLAN**  
 (REF DWG: 1/ 2-PASS-SS-2000)

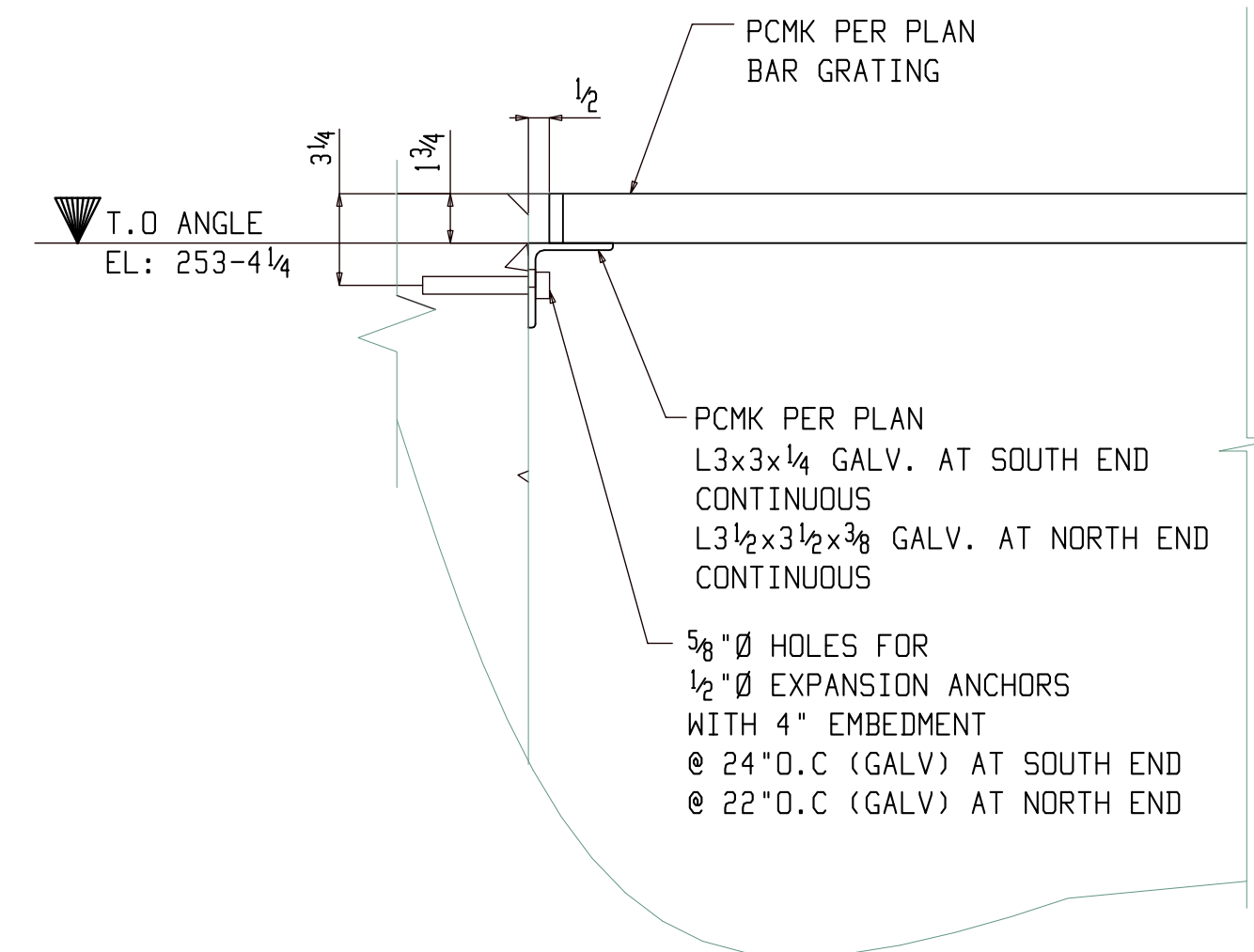


**FOR FIELD USE**

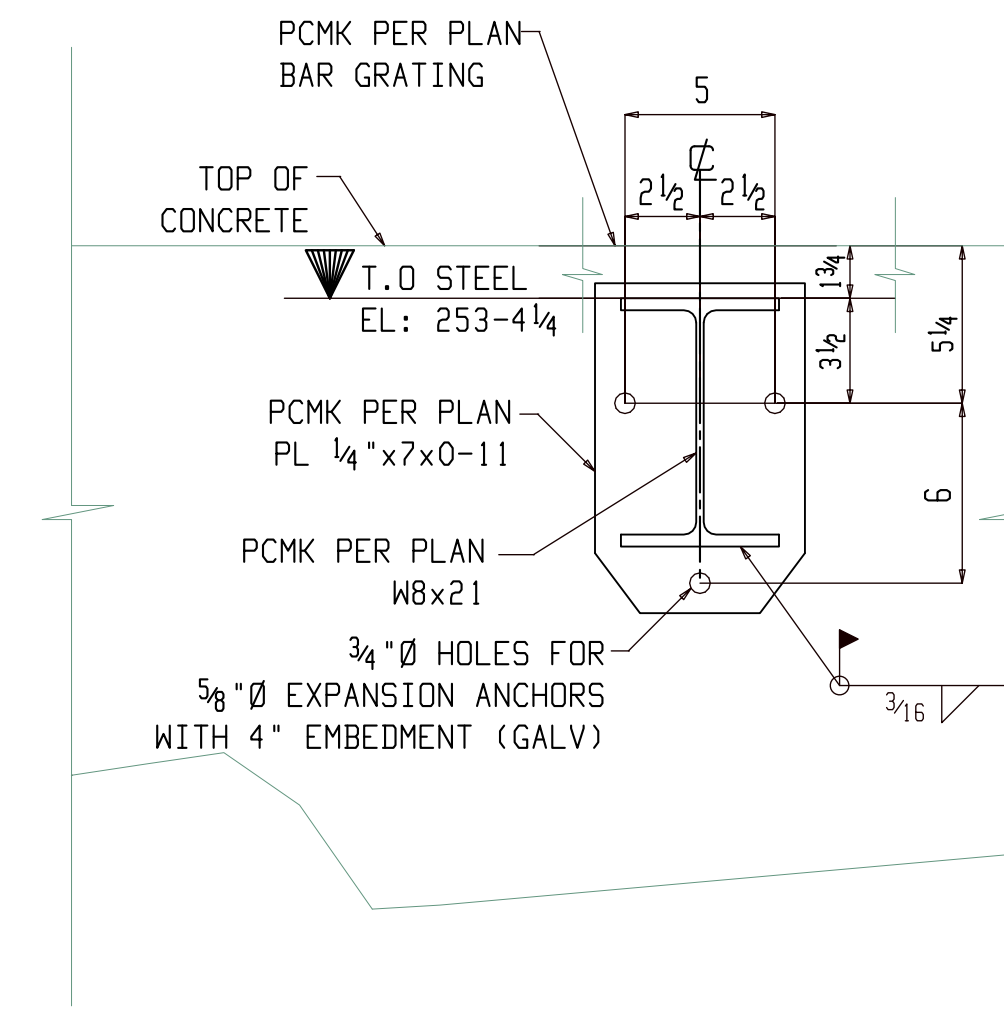
FIELD NOTES:			
REF. DWG/SPEC : PASS-SS-2000			
DEG REF. SPEC. / DWG :			
△	For Field use	ALN	07-26-22
△	For Approval	ALN	07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	WELDS: E70XX
CLEANING:		DR. BY: PKM	CHK. BY: ALN
JOB NAME: PARK SUBSTATION		SCALE: N.A.	
LOCATION: ALASKA		DATE: 06-27-22	
CONTRACTOR: LINEWORKS, LLC		JOB NUMBER	SHEET NO.
DESCRIPTION: TRANSFORMER PAD AND OIL CONTAINMENT PLAN		149	E101



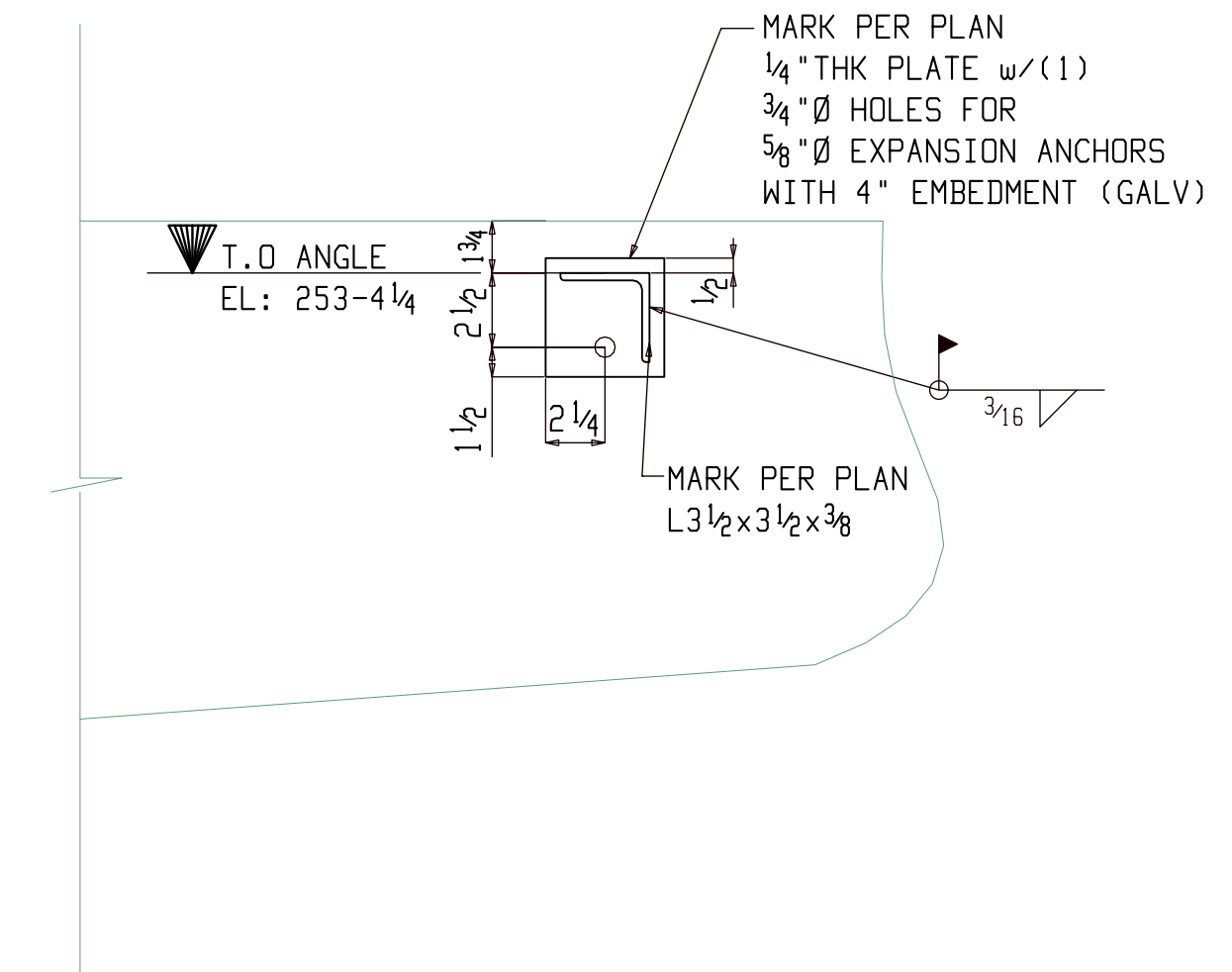
1 SECTION AT TRANSFORMER PAD  
E102 (REFER: C/ 2-PASS-SS-2000)



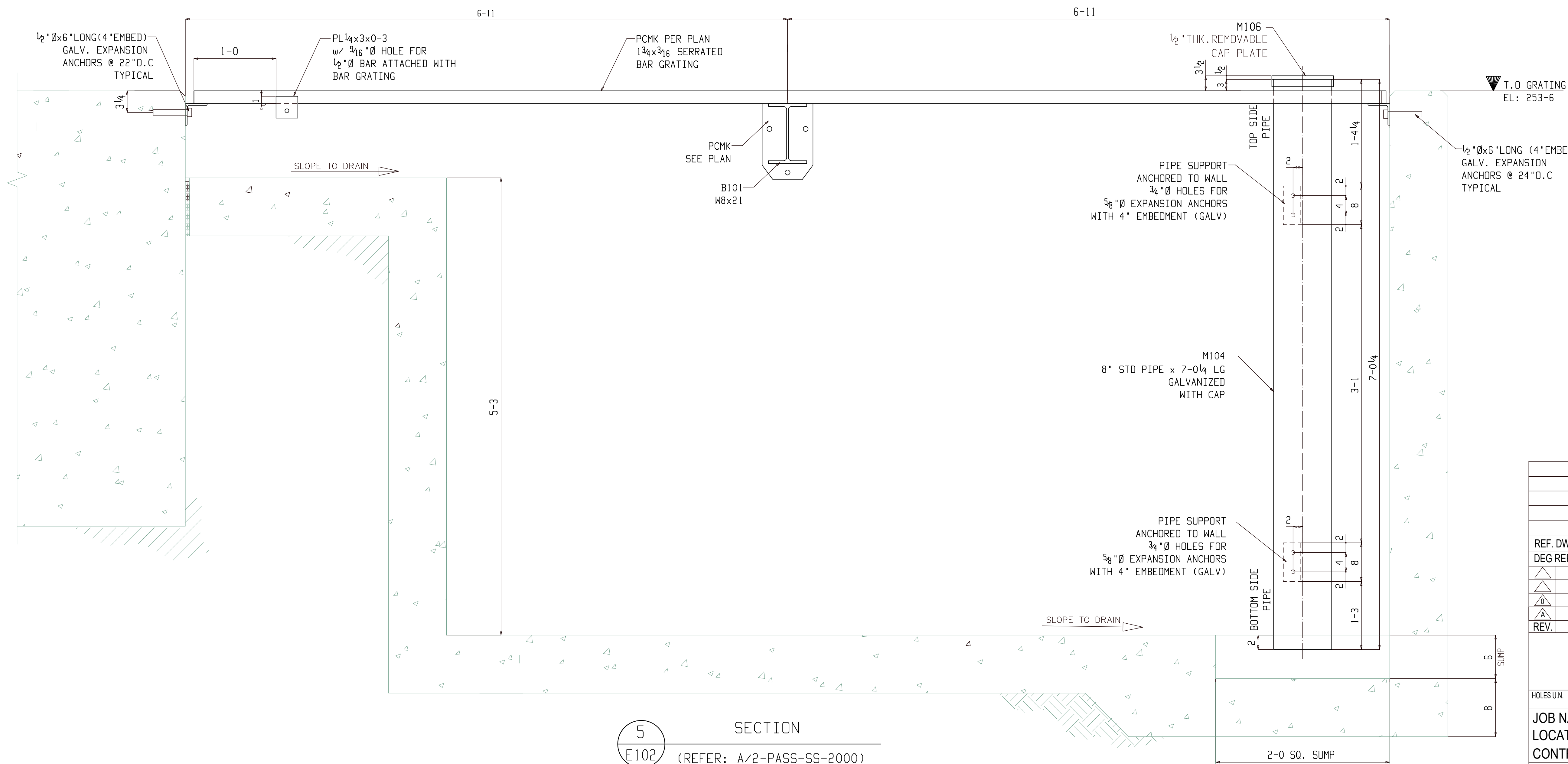
2 SECTION AT GRATING SUPPORT  
E102 (REFER: D/ 2-PASS-SS-2000)



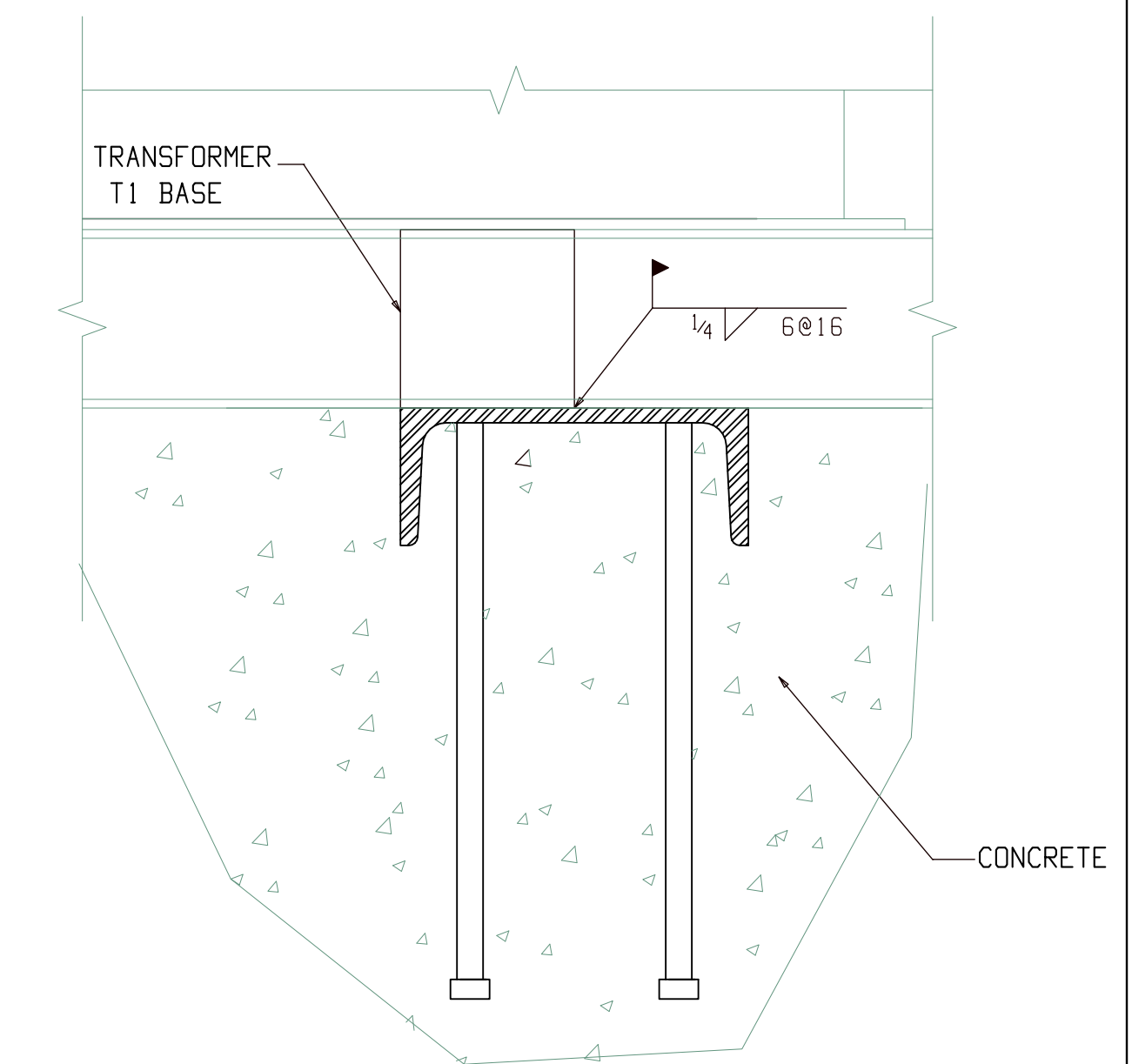
3 SECTION AT GRATING SUPPORT  
E102 (REFER: D/2-PASS-SS-2000)



4 SECTION AT GRATING SUPPORT  
E102 (REFER: D/2-PASS-SS-2000)



5 SECTION  
E102 (REFER: A/2-PASS-SS-2000)



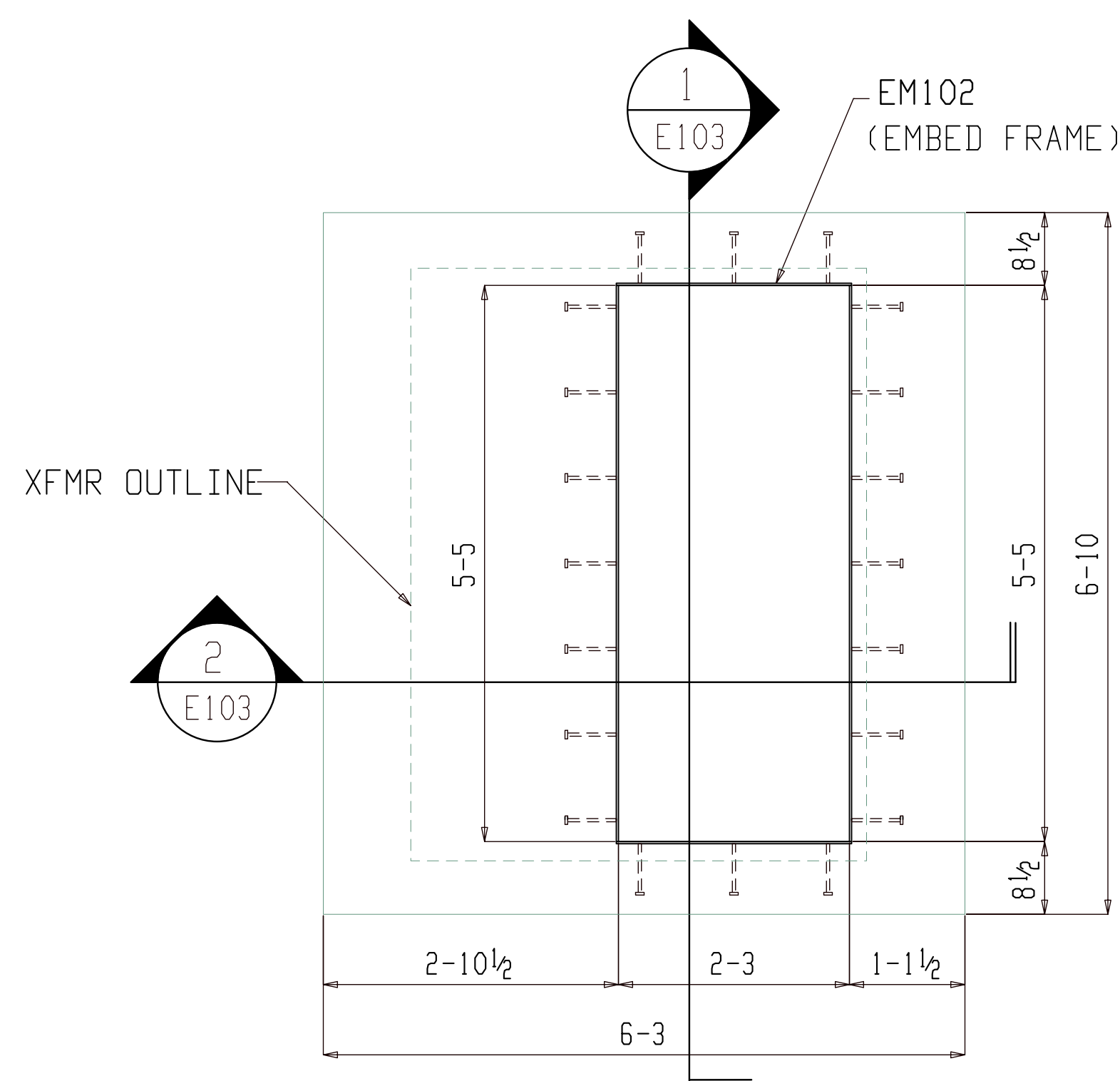
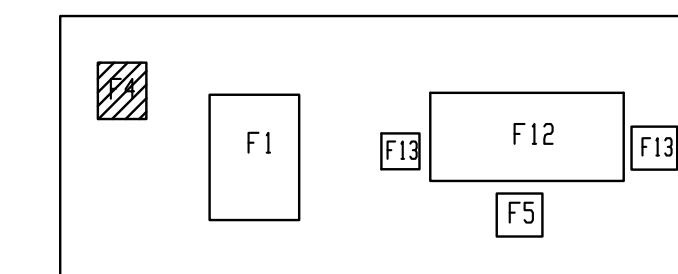
6 WELDING DETAIL AT FOOTING F1  
E102 (REFER: 2/ 3-PASS-SS-2000)

FOR FIELD USE

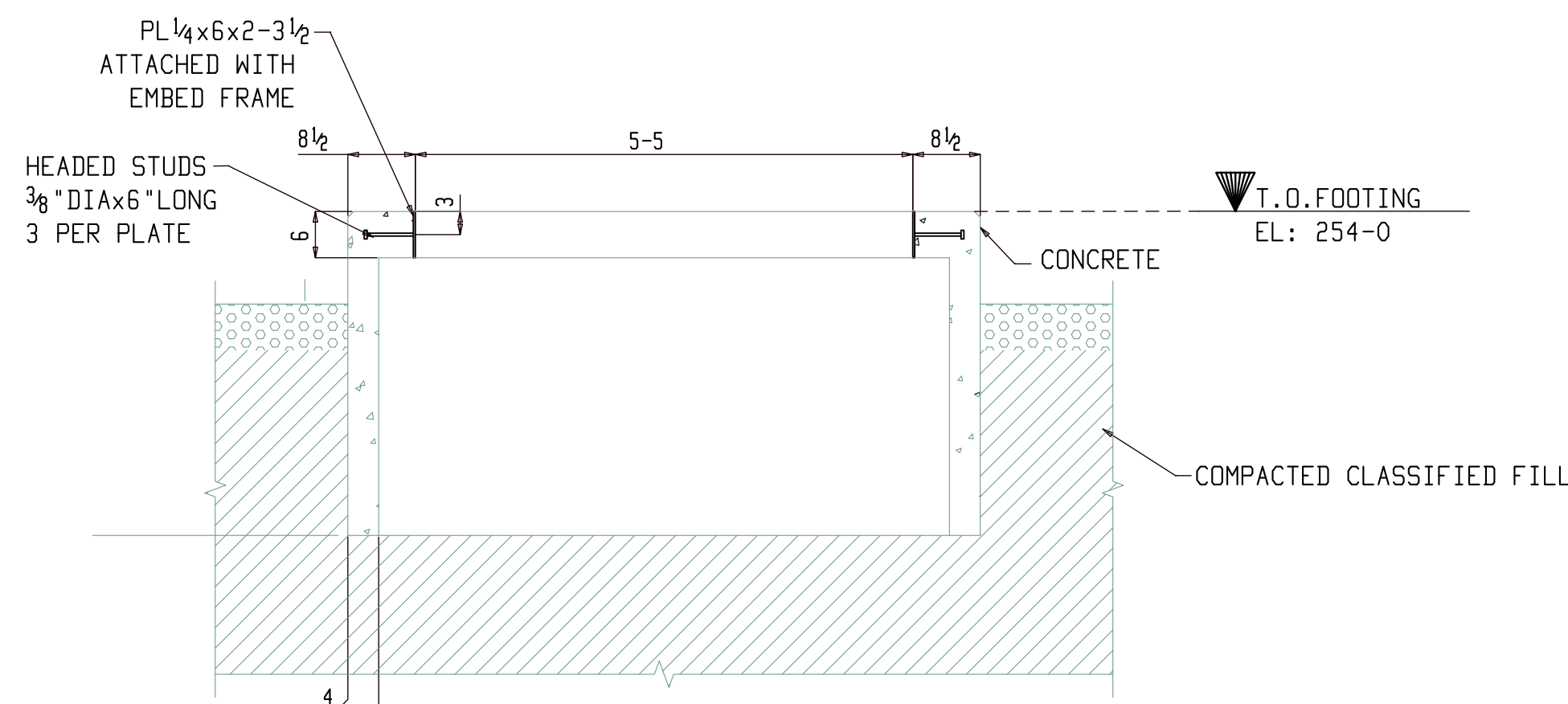
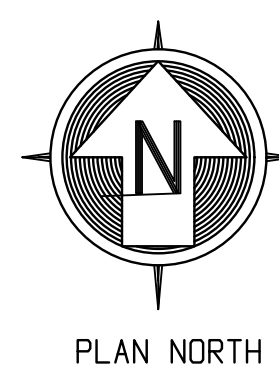
FIELD NOTES:

REV.	DESCRIPTION	BY	DATE
△	For Field use	ALN	07-26-22
△	For Approval	ALN	07-10-22

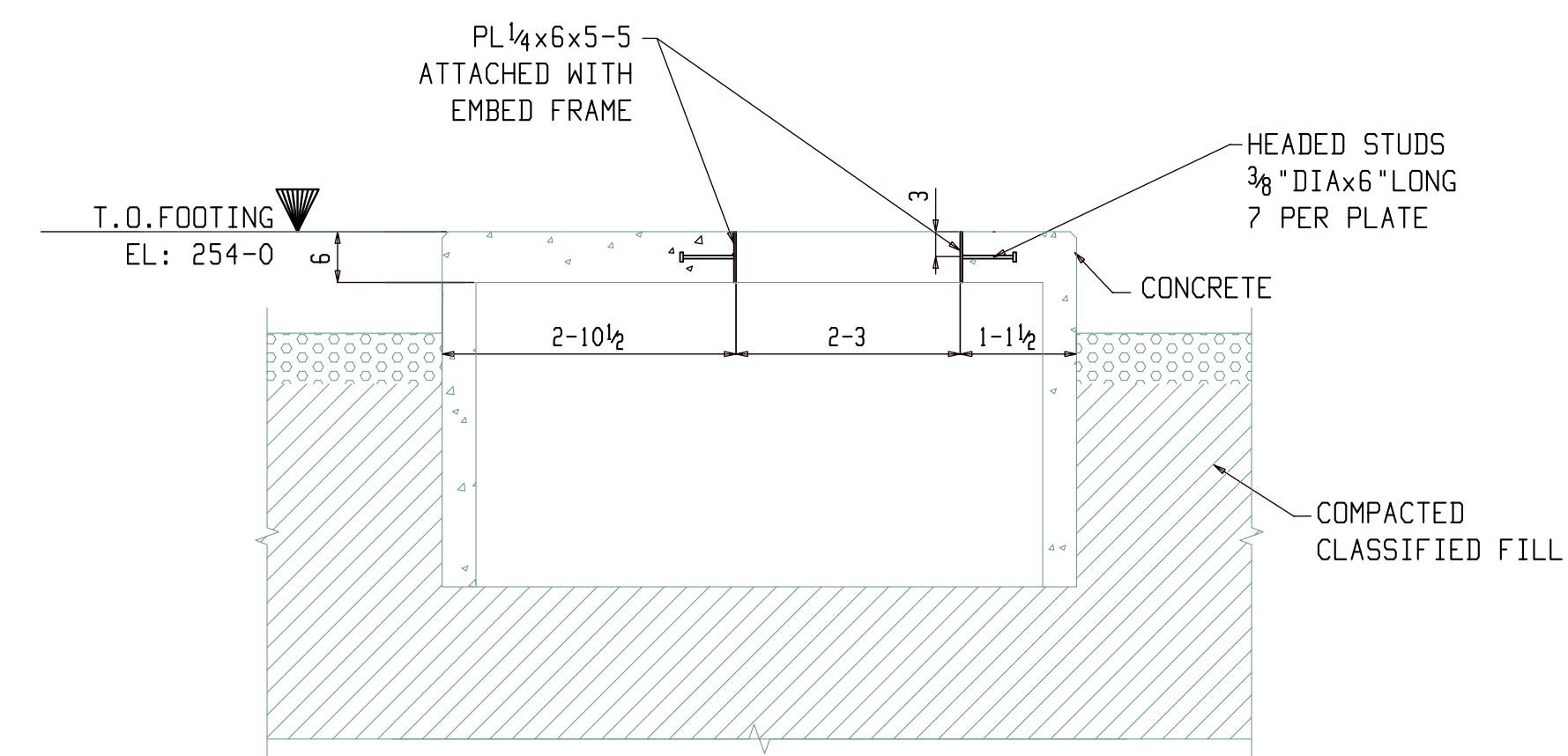
HOLES U.N.	13/16Ø	PAINT U.N.		WELDS:	E70XX	CLEANING:	
JOB NAME:	PARK SUBSTATION		DR. BY:	PKM	CHK. BY:	ALN	
LOCATION:	ALASKA		SCALE:	N.A.			
CONTRACTOR:	LINEWORKS, LLC		DATE:	06-27-22			
DESCRIPTION:	SECTIONS	JOB NUMBER	149	SHEET NO.	E102	REV	△



EMBED PLAN AT FOOTING-F4  
(REF DWG: 2/ 5-PASS-SS-2000)



1 SECTION  
E103 (REFER: C/ 5-PASS-SS-2000)



2 SECTION  
E103 (REFER: D/5-PASS-SS-2000)

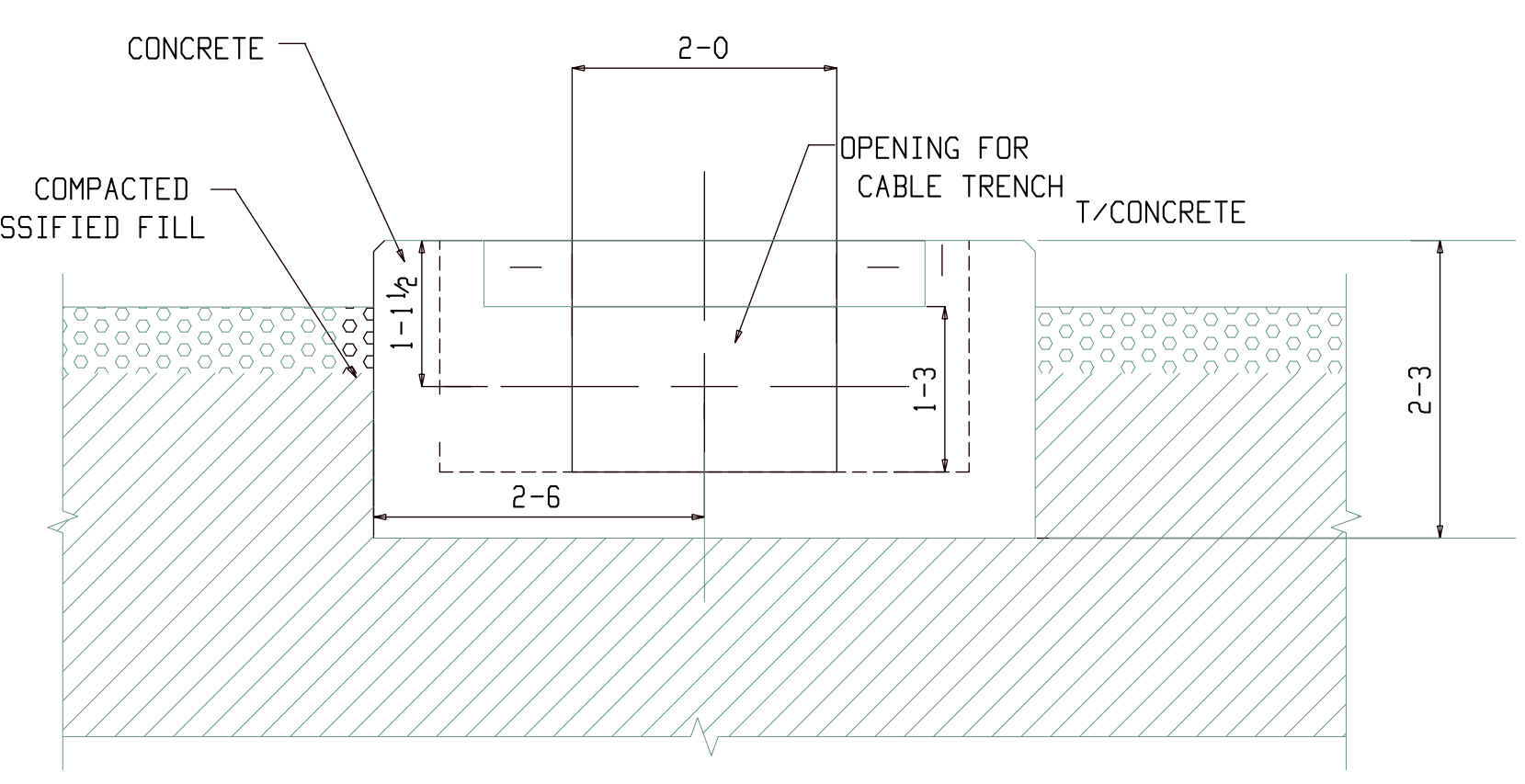
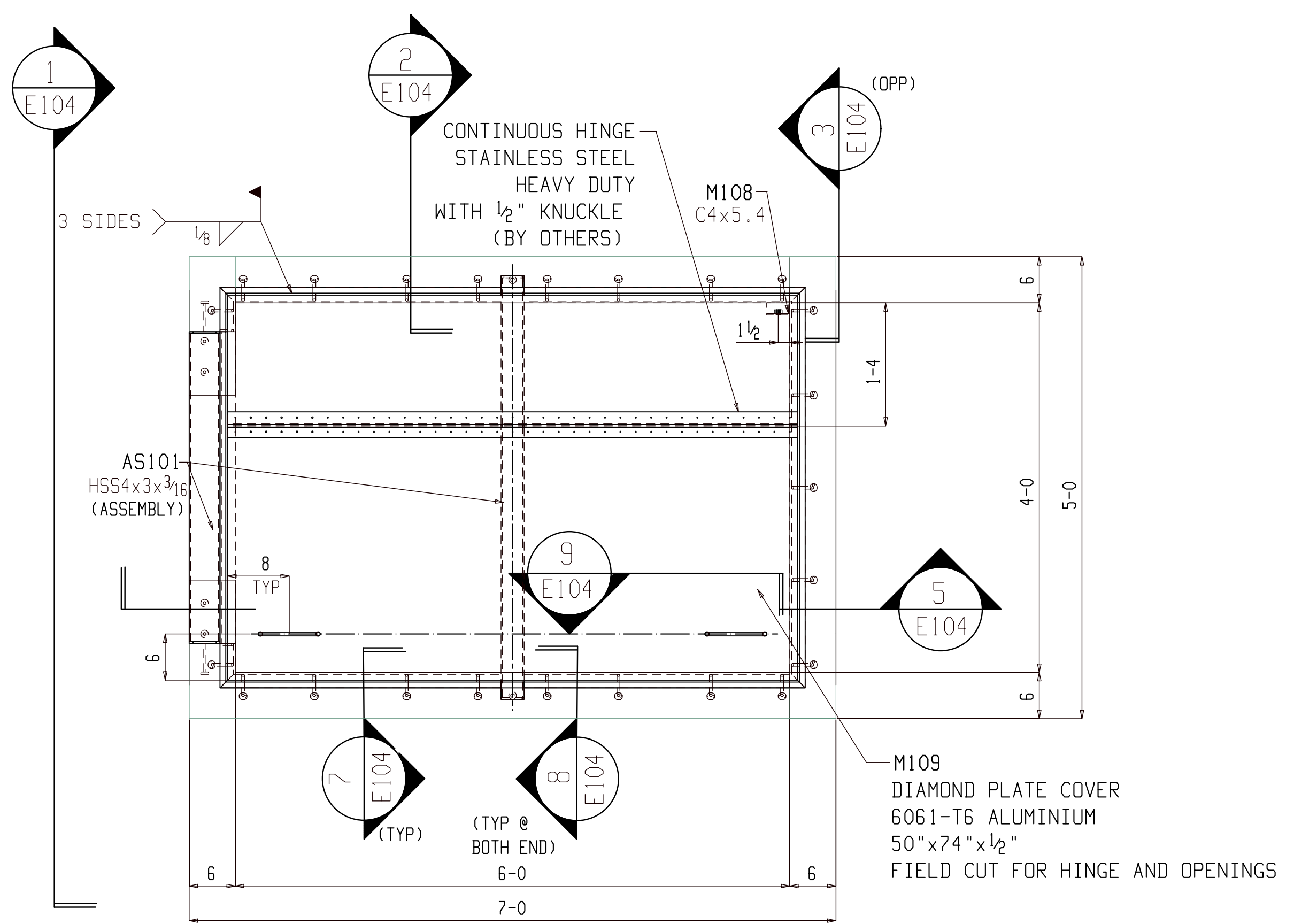
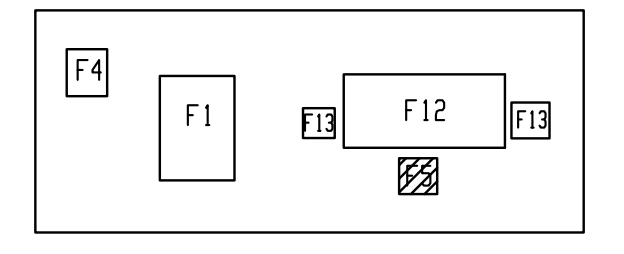
FOR FIELD USE

FIELD NOTES:

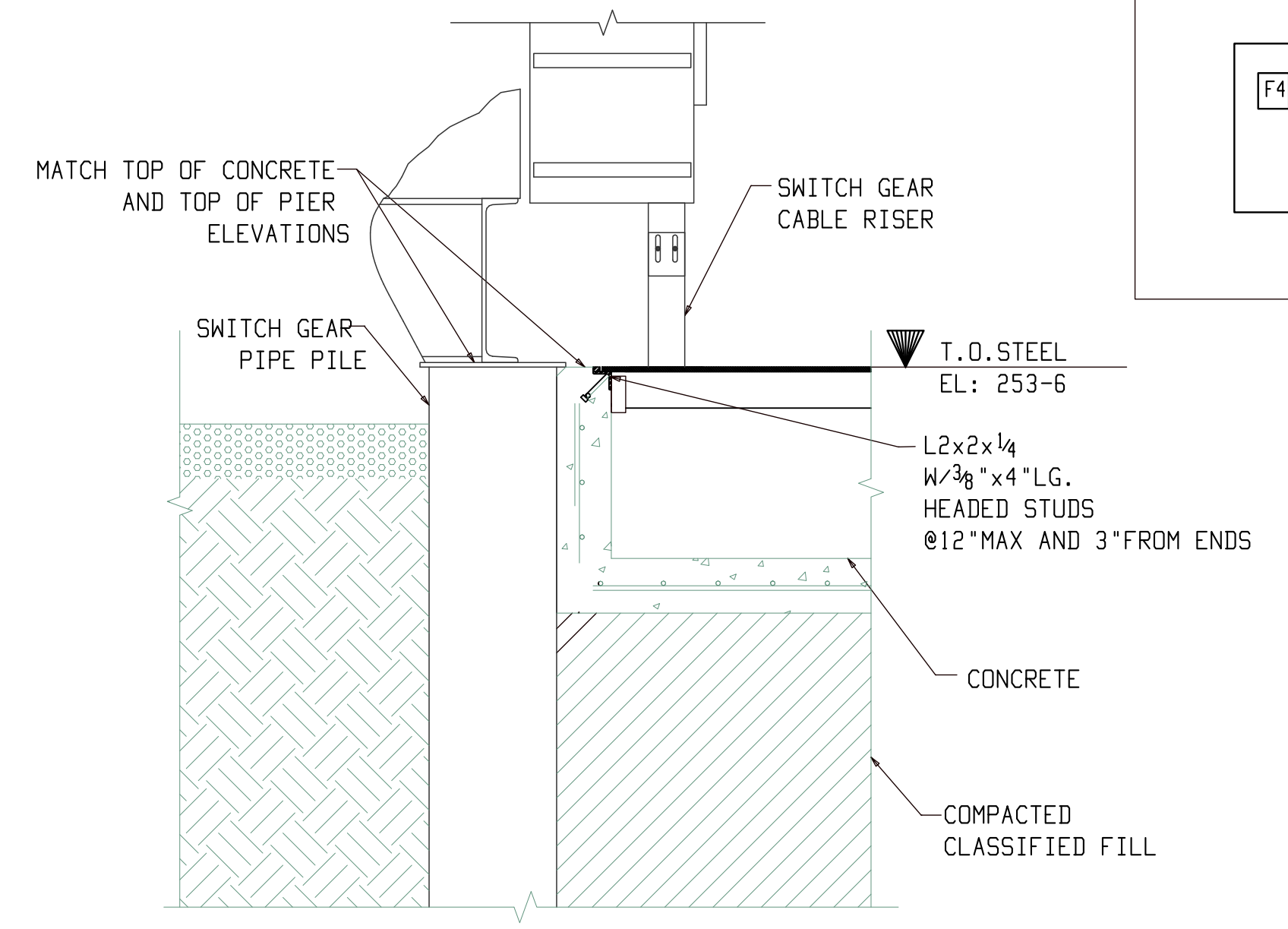
REF. DWG/SPEC : PASS-SS-2000  
DEG REF. SPEC. / DWG :

△			
△	For Field use	ALN	07-26-22
△	For Approval	ALN	07-10-22
REV.	DESCRIPTION	BY	DATE

HOLES U.N.	13/16Ø	PAINT U.N.		WELDS:	E70XX	CLEANING:	
JOB NAME:	PARK SUBSTATION			DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA			SCALE:	N.A.		
CONTRACTOR:	LINEWORKS, LLC			DATE:	06-27-22		
DESCRIPTION:	EMBED PLAN AND SECTIONS @ FOOTING F4	JOB NUMBER	149	SHEET NO.	E103	REV	△



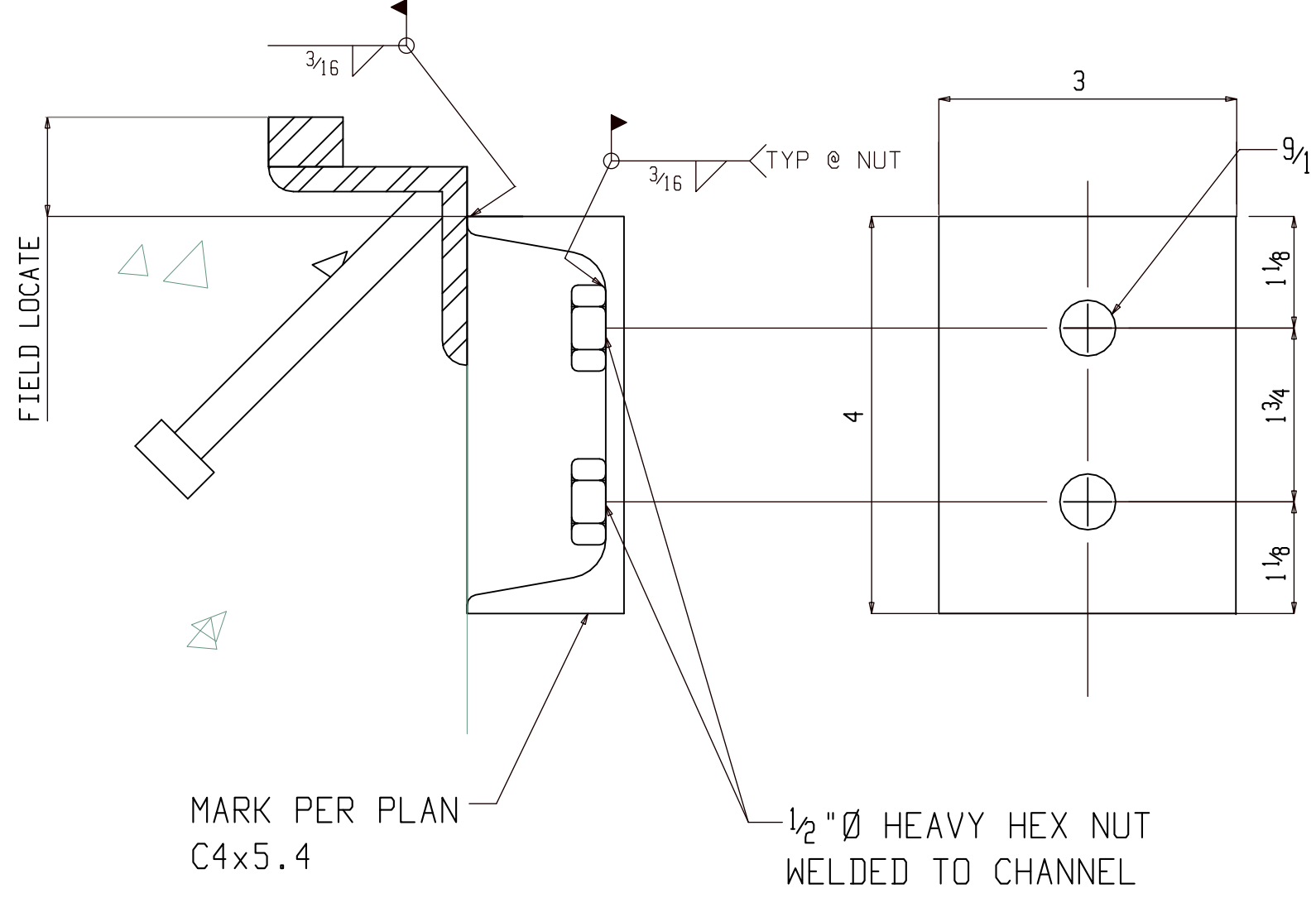
1 ELEVATION  
E104 (REFER: 3/ 5-PASS-SS-2000)



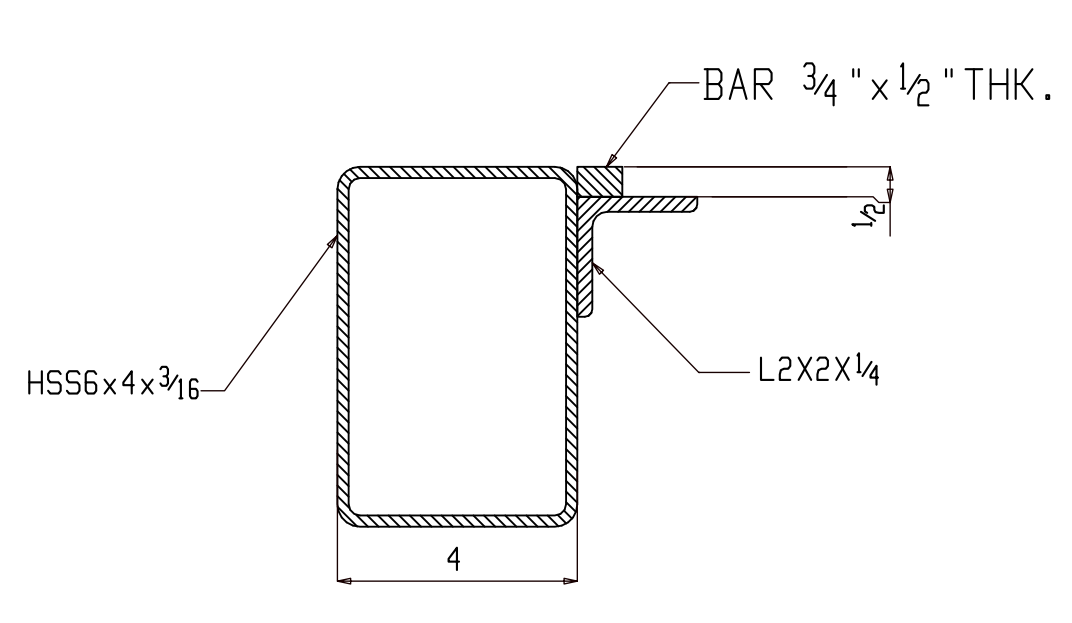
2 SECTION  
E104 (REFER: A/ 5-PASS-SS-2000)



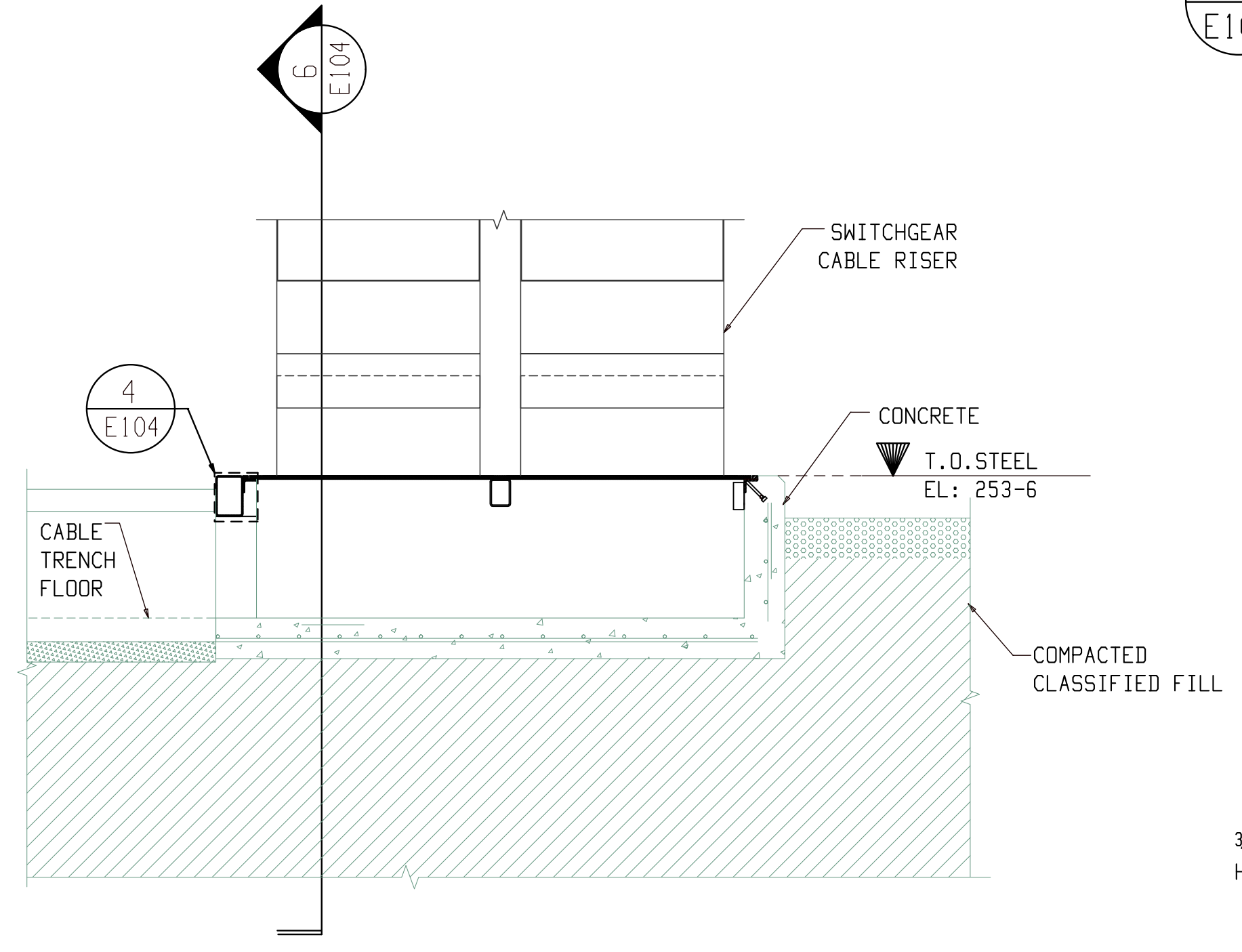
EMBED PLAN AT FOOTING-F5  
(REF DWG: 1/ 5-PASS-SS-2000)



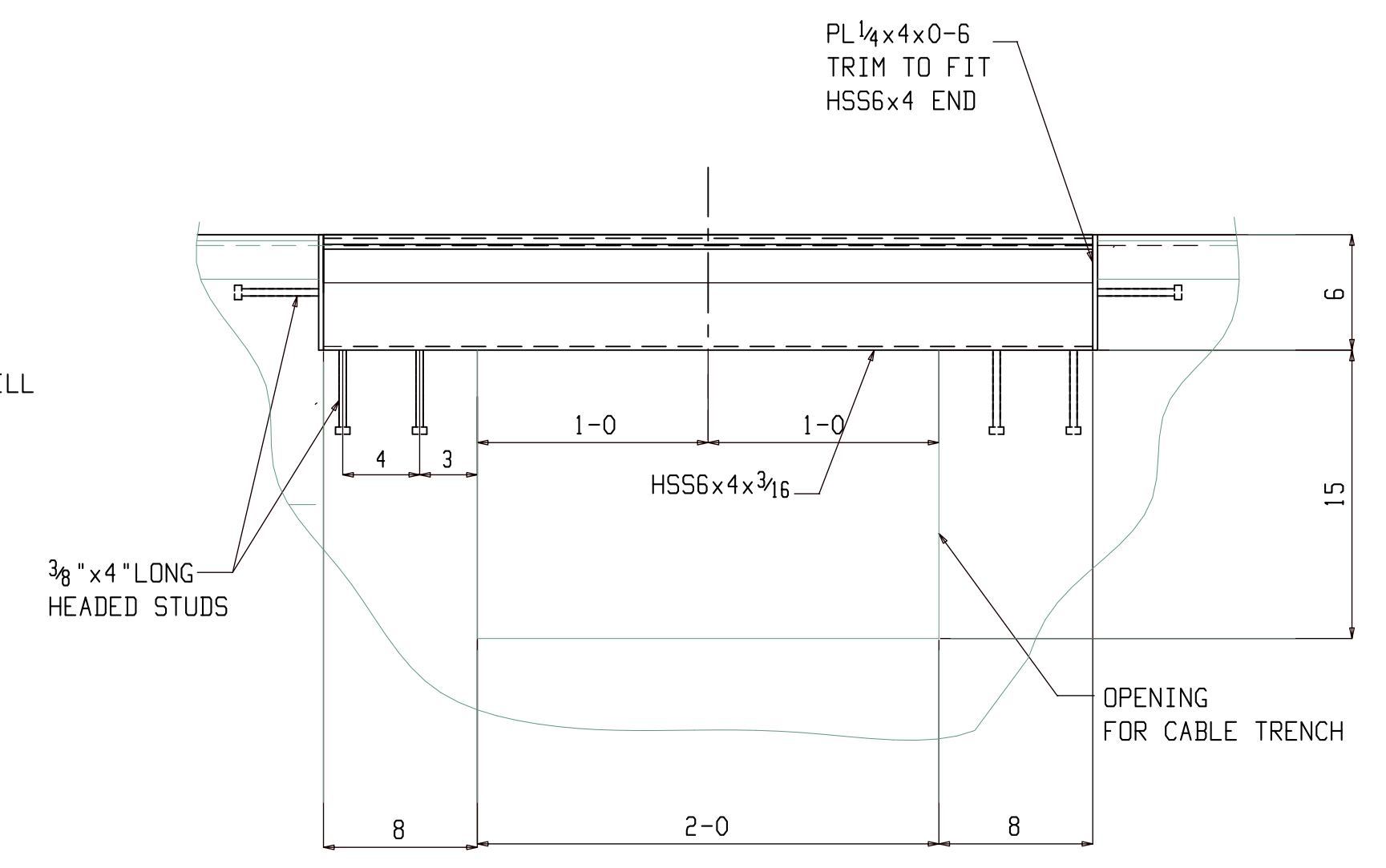
3 METAL LID GROUND DETAIL  
E104 (REFER: 8/ 5-PASS-SS-2000)



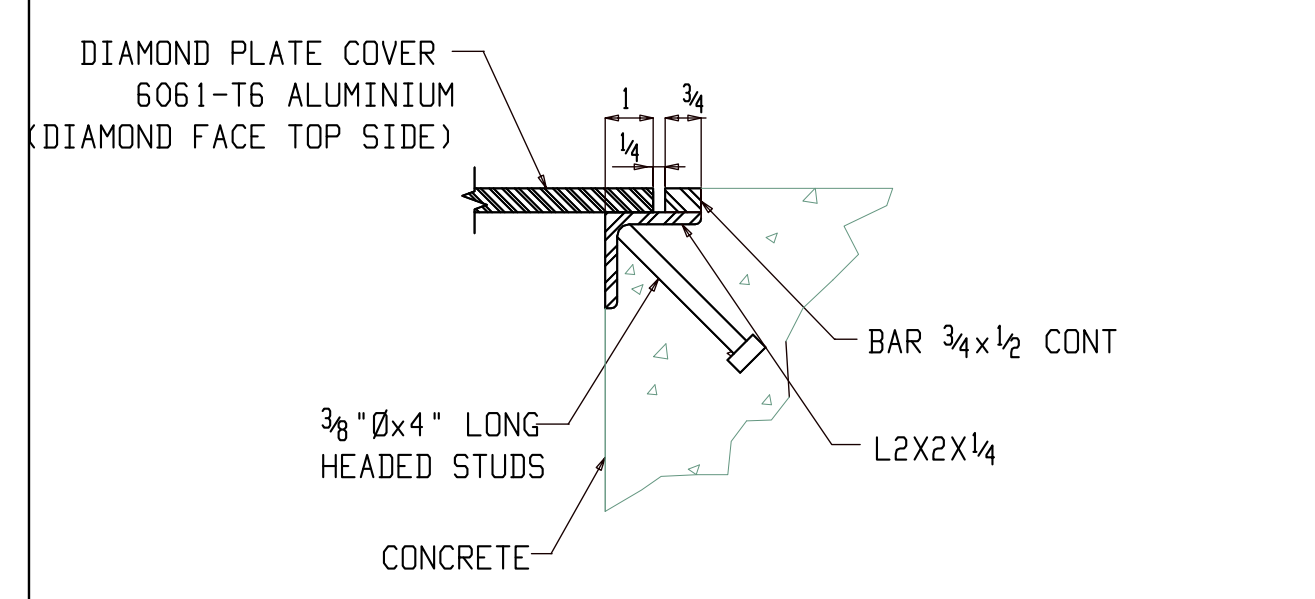
4 SECTION  
E104 (REFER: 7/ 5-PASS-SS-2000)



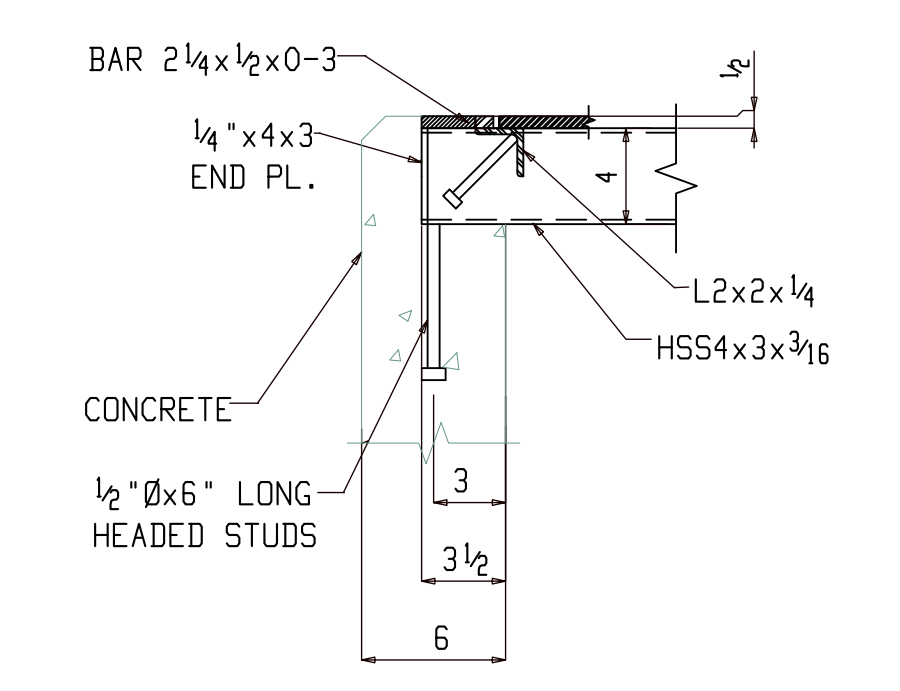
5 SECTION  
E104 (REFER: B/ 5-PASS-SS-2000)



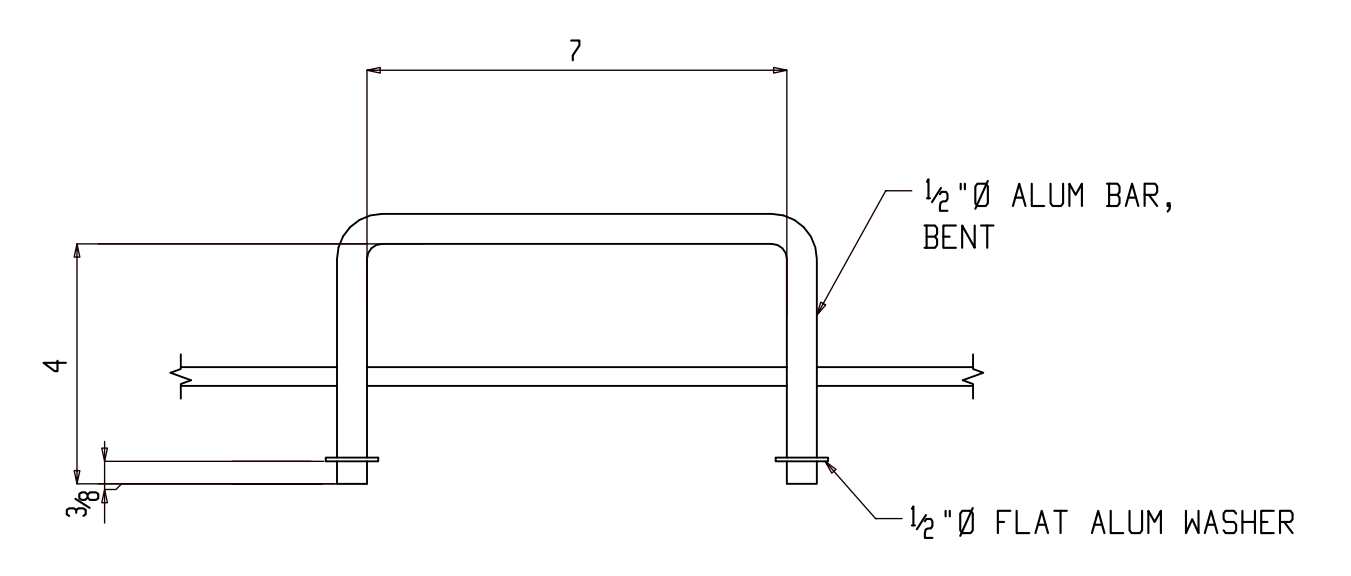
6 SECTION  
E104 (REFER: E/ 5-PASS-SS-2000)



7 TYPICAL COVER SUPPORT DETAIL  
E104 (REFER: 5/ 5-PASS-SS-2000)



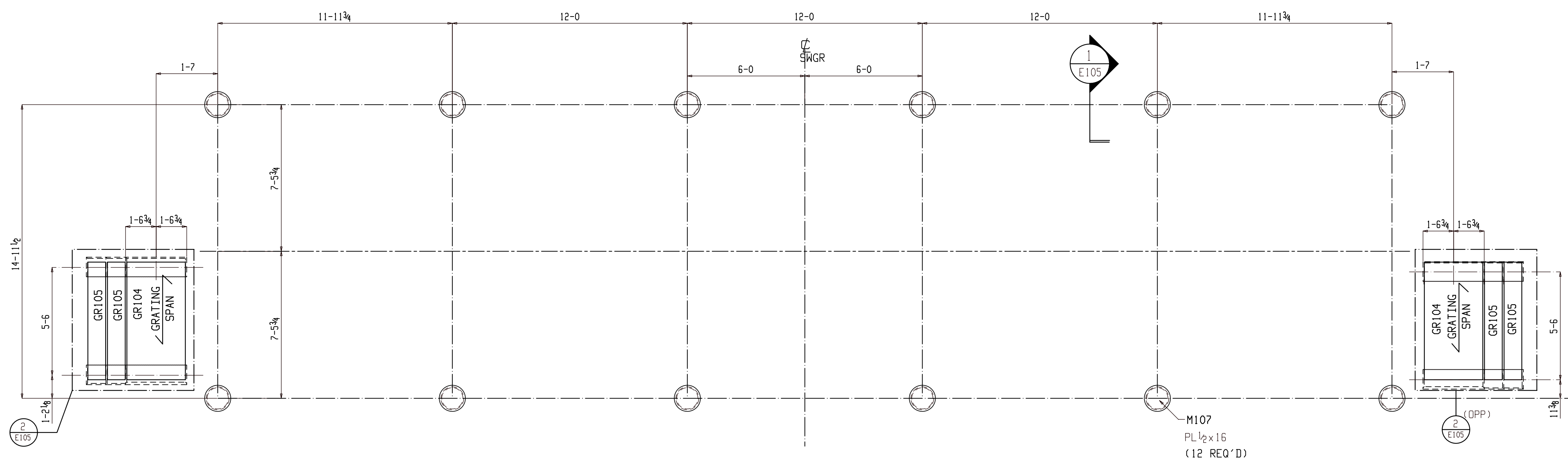
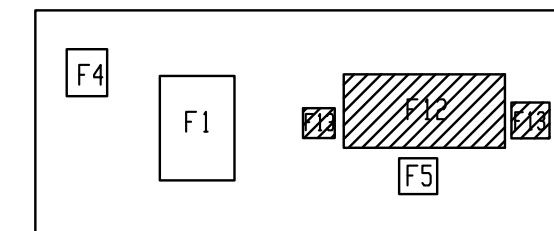
8 SECTION  
E104 (REFER: 6/ 5-PASS-SS-2000)



9 LIFTING HANDLE DETAIL  
E104 (REFER: 4/ 5-PASS-SS-2000)

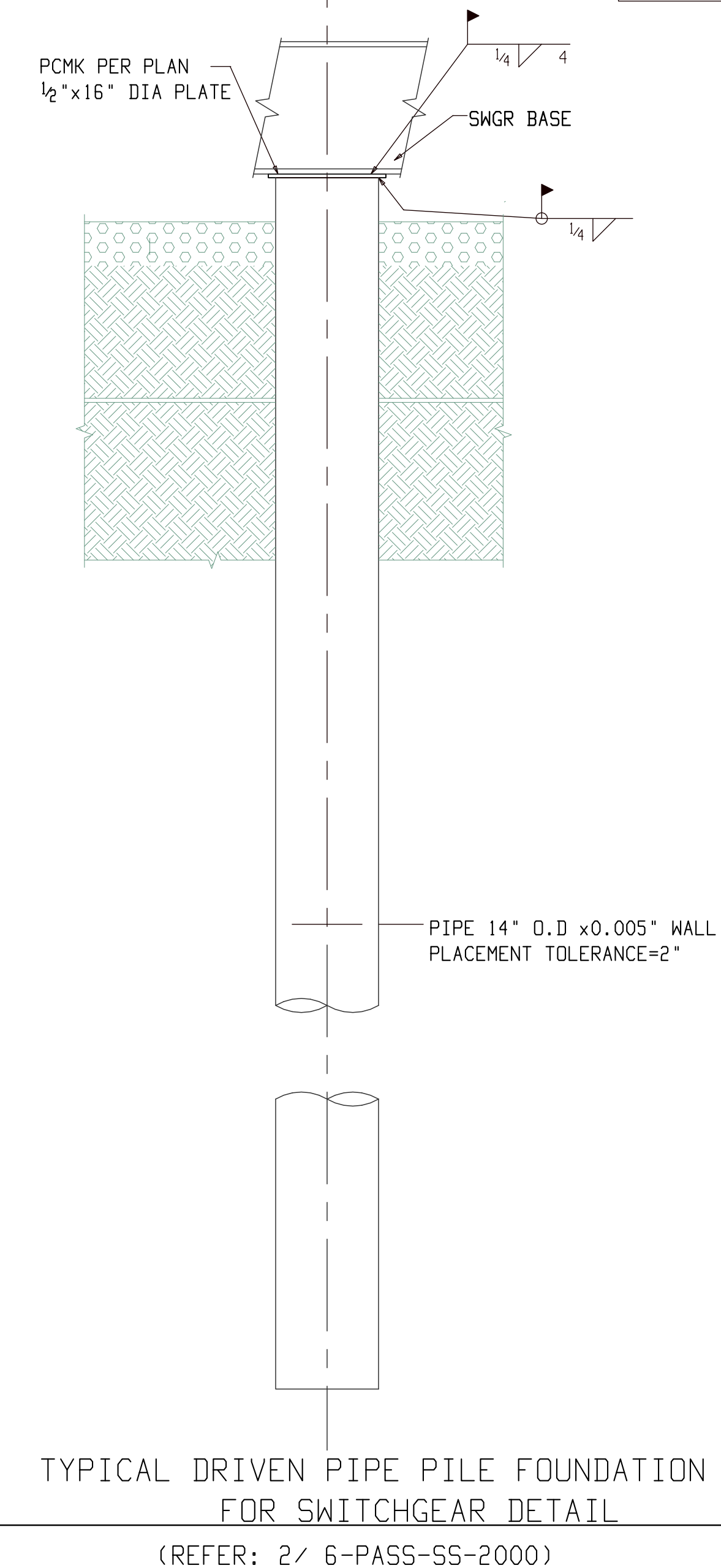
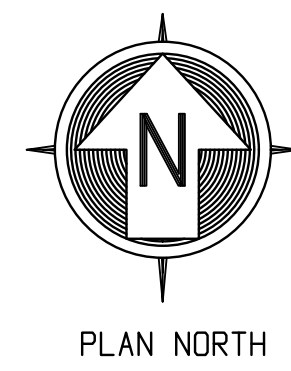
FOR FIELD USE

FIELD NOTES:			
REF. DWG/SPEC: PASS-SS-2000			
DEG REF. SPEC. / DWG:			
▲	For Field use	ALN	07-26-22
▲	For Approval	ALN	07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES UN:	13/16Ø	PAINT UN:	WELDS: E70XX
CLEANING:			
JOB NAME:	PARK SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
DATE:	06-27-22	JOB NUMBER:	149
		SHEET NO.:	E104
		REV:	
DESCRIPTION: ASSEMBLY AS101 PLAN AND SECTIONS @ FOOTING F5			

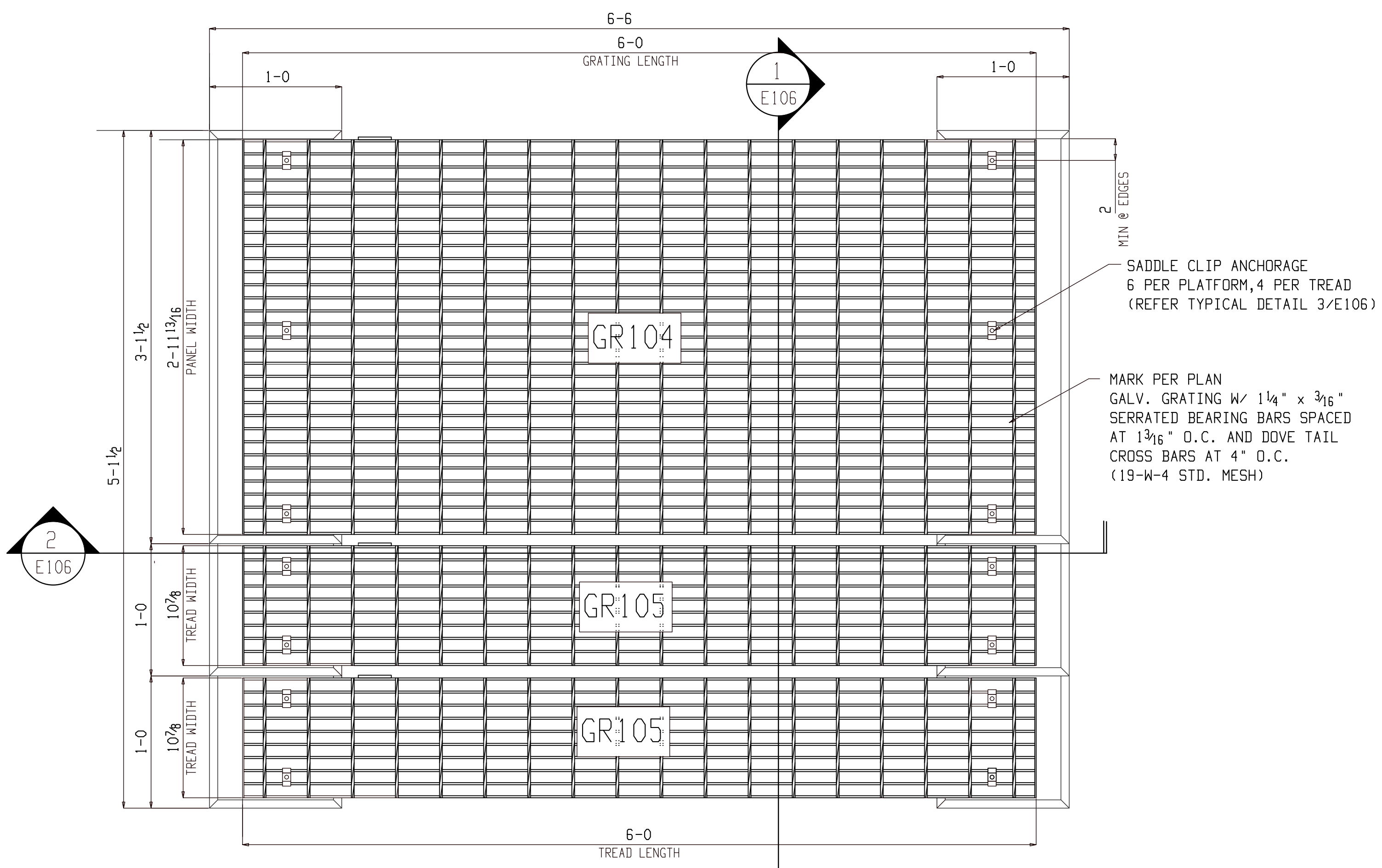


SWITCHGEAR FRAMING PLAN AT FOOTING 12&13

(REF DWG: 1/PASS-SS-2000)



TYPICAL DRIVEN PIPE PILE FOUNDATION F12 FOR SWITCHGEAR DETAIL (REFER: 2/ 6-PASS-SS-2000)



DETAIL AT FOOTING F13 (REFER: 3/ 6-PASS-SS-2000)

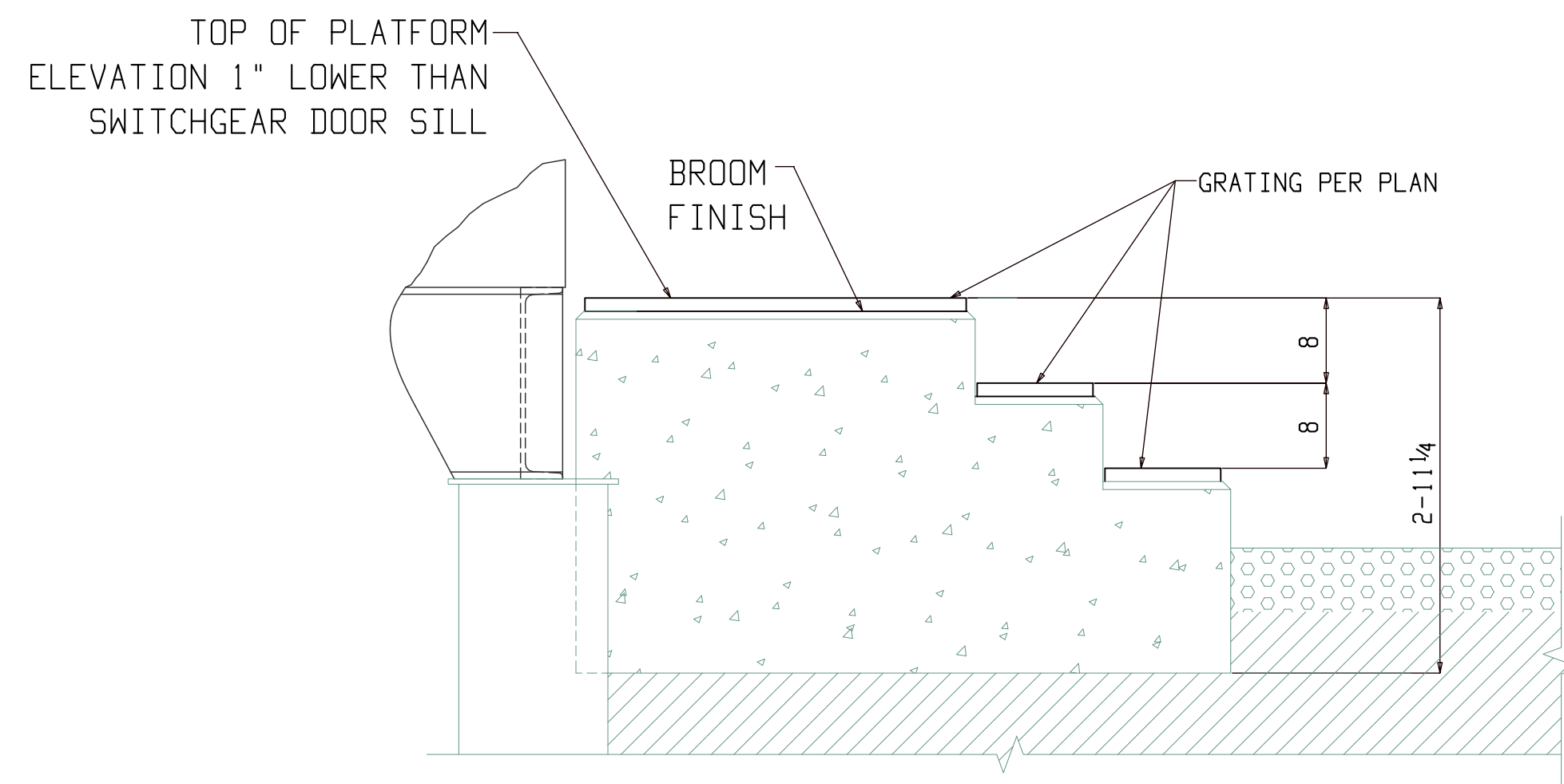
FOR FIELD USE

FIELD NOTES:

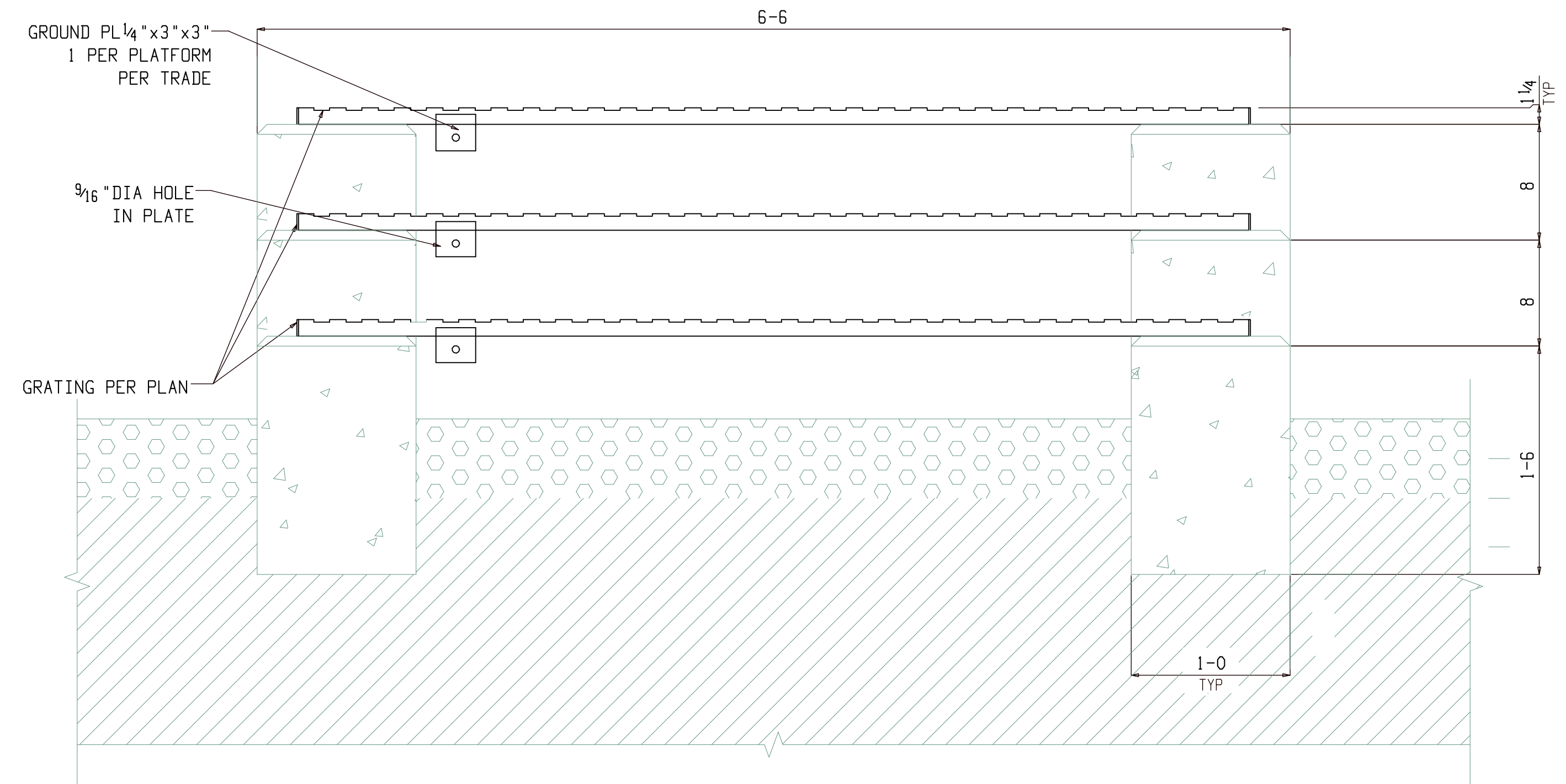
REF. DWG/SPEC : PASS-SS-2000  
DEG REF. SPEC. / DWG :

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△	For Field use	ALN	07-26-22
△	For Approval	ALN	07-10-22
REV.	DESCRIPTION	BY	DATE

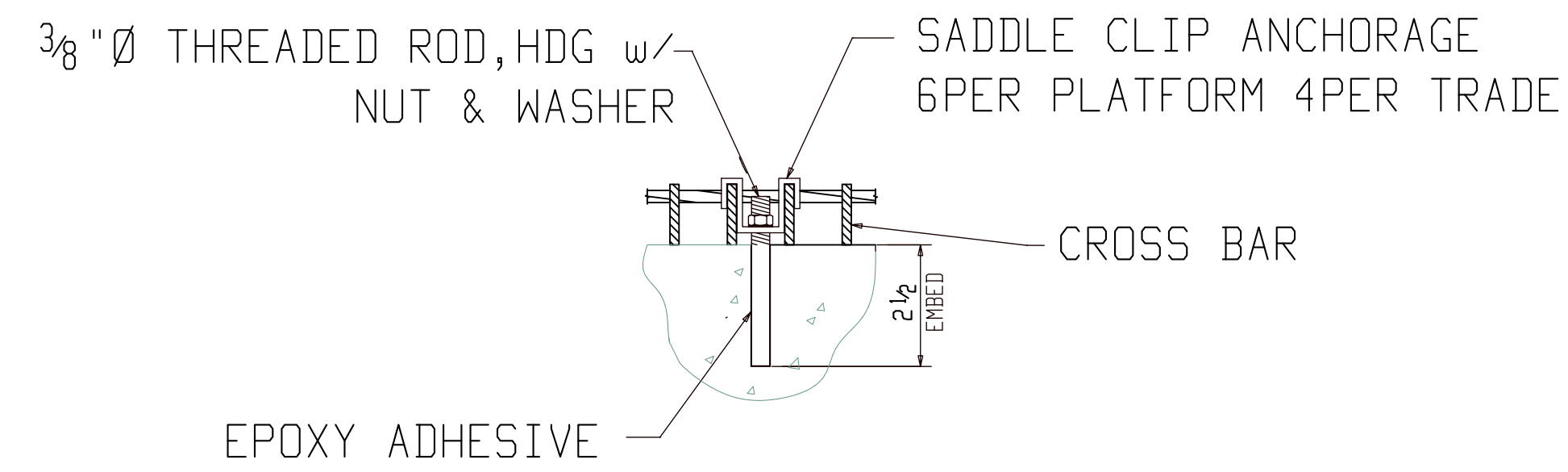
HOLES U.N.	13/16Ø	PAINT U.N.		WELDS:	E70XX	CLEANING:	
JOB NAME:	PARK SUBSTATION			DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA			SCALE:	N.A.		
CONTRACTOR:	LINEWORKS, LLC			DATE:	06-27-22		
DESCRIPTION:	SWITCHGEAR FRAMING PLAN AND DETAILS	JOB NUMBER	149	SHEET NO.	E105	REV.	△



1 SECTION-FOOTING F13  
E106 (REFER: B/6-PASS-SS-2000)



2 SECTION  
E106 (REFER: A/6-PASS-SS-2000)



3 TYPICAL SADDLE CLIP ANCHORAGE DETAIL  
E106 (REFER: 5/ 6-PASS-SS-2000)

FOR FIELD USE

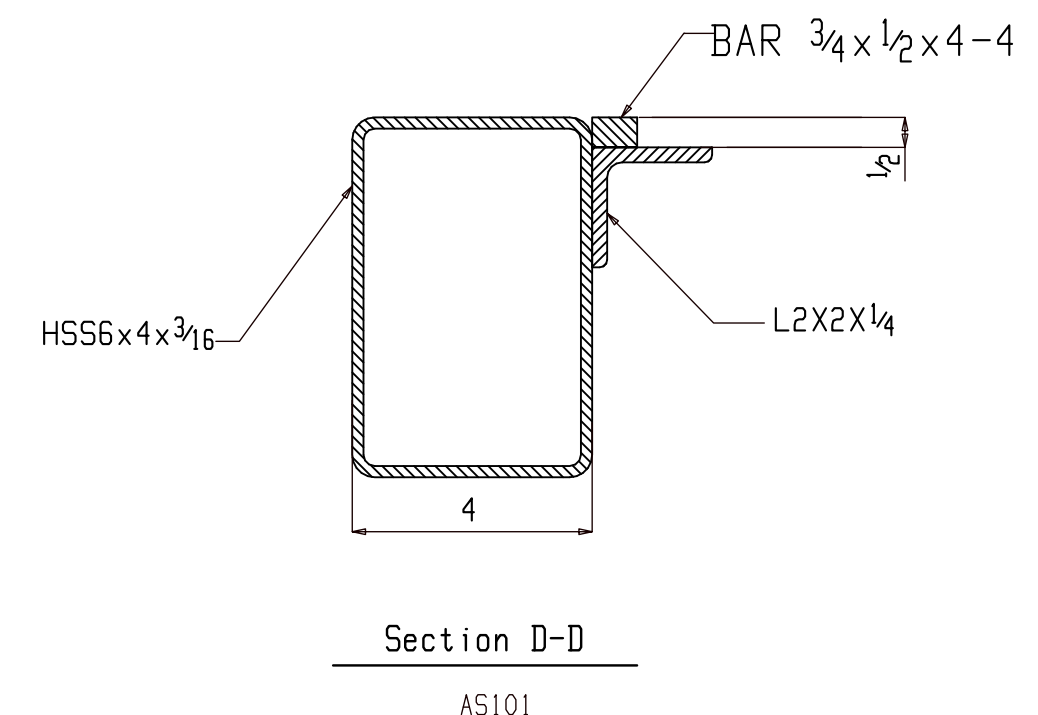
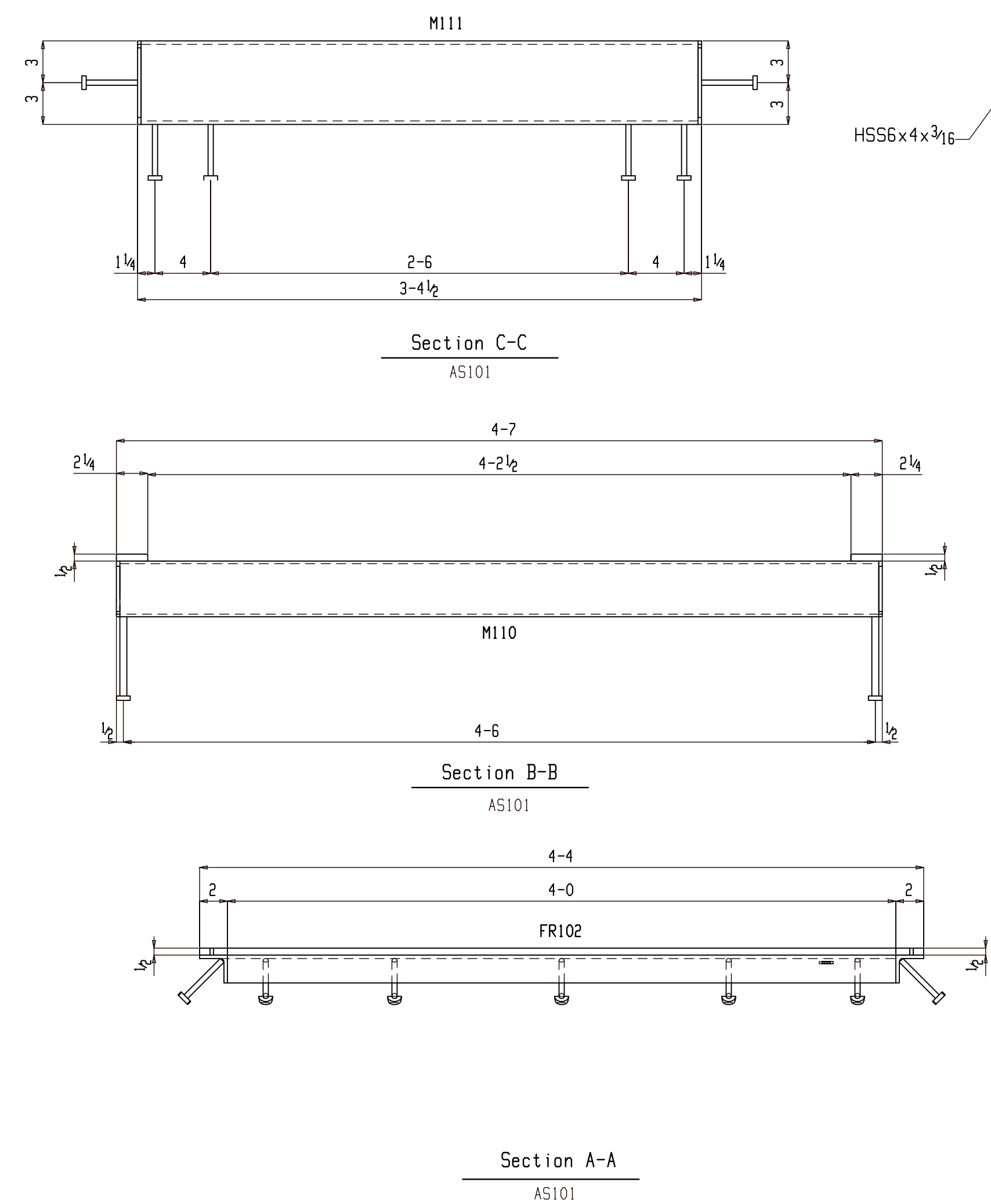
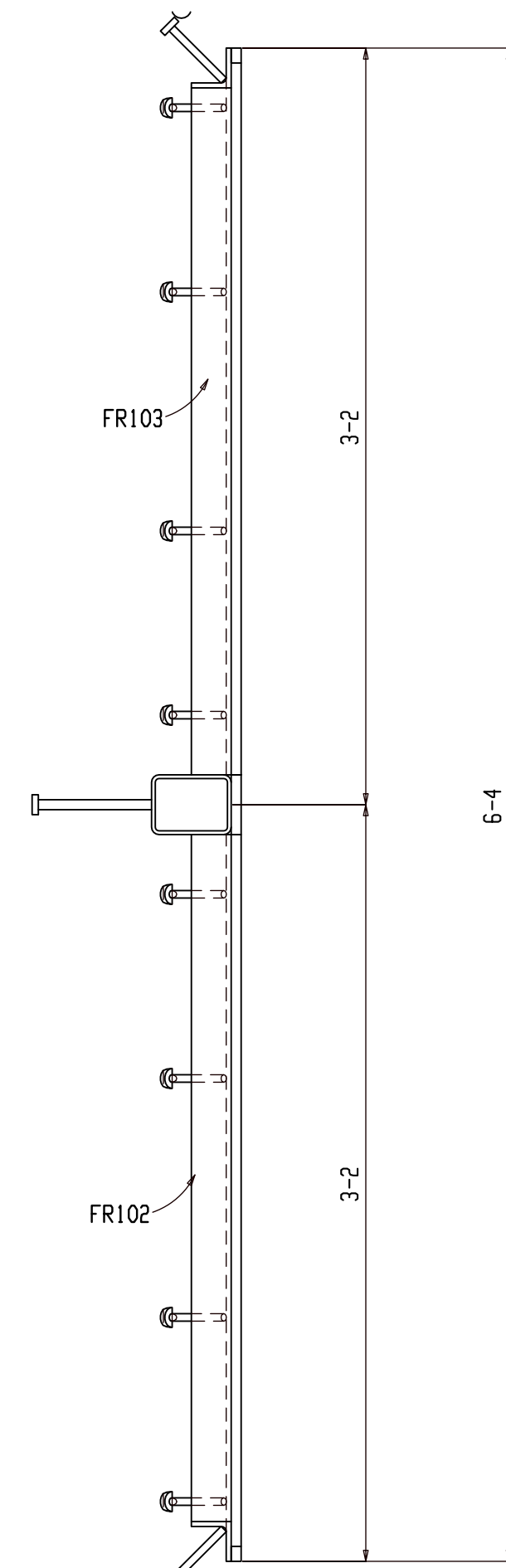
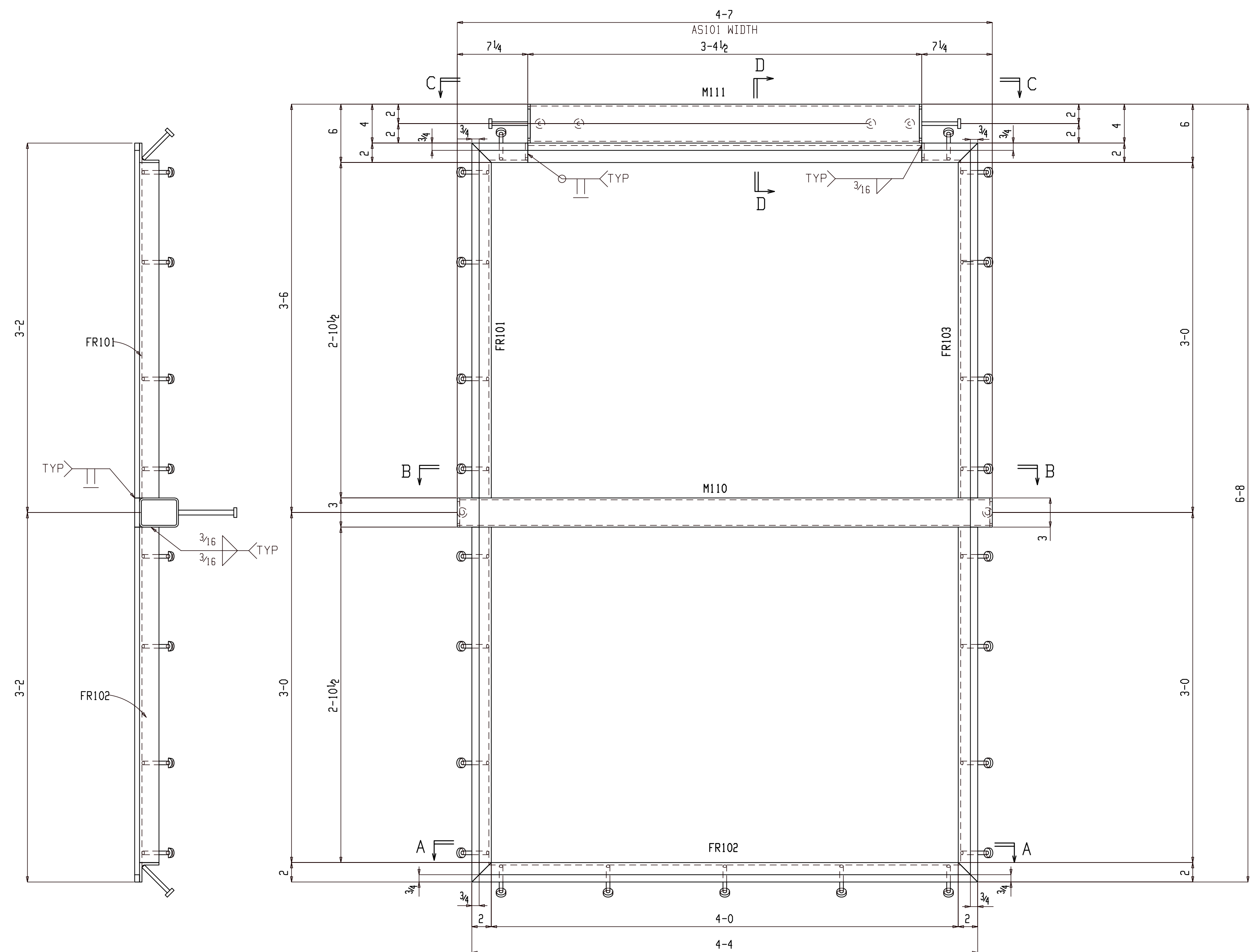
FIELD NOTES:

REF. DWG/SPEC : PASS-SS-2000  
DEG REF. SPEC. / DWG :

△			
△	For Field use	ALN	07-26-22
△	For Approval	ALN	07-10-22
REV.	DESCRIPTION	BY	DATE

HOLES U.N.	13/16Ø	PAINT U.N.		WELDS:	E70XX	CLEANING:	
JOB NAME:	PARK SUBSTATION			DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA			SCALE:	N.A.		
CONTRACTOR:	LINEWORKS, LLC			DATE:	06-27-22		
DESCRIPTION:	SECTIONS FOR FOOTING F13	JOB NUMBER	149	SHEET NO.	E106	REV	△





ONE ASSEMBLY AS101  
 (E REFER: E104)  
 THERMAL FLAME-SPRAY ZINC COATED

**FOR FABRICATION**

**BILL OF MATERIAL**

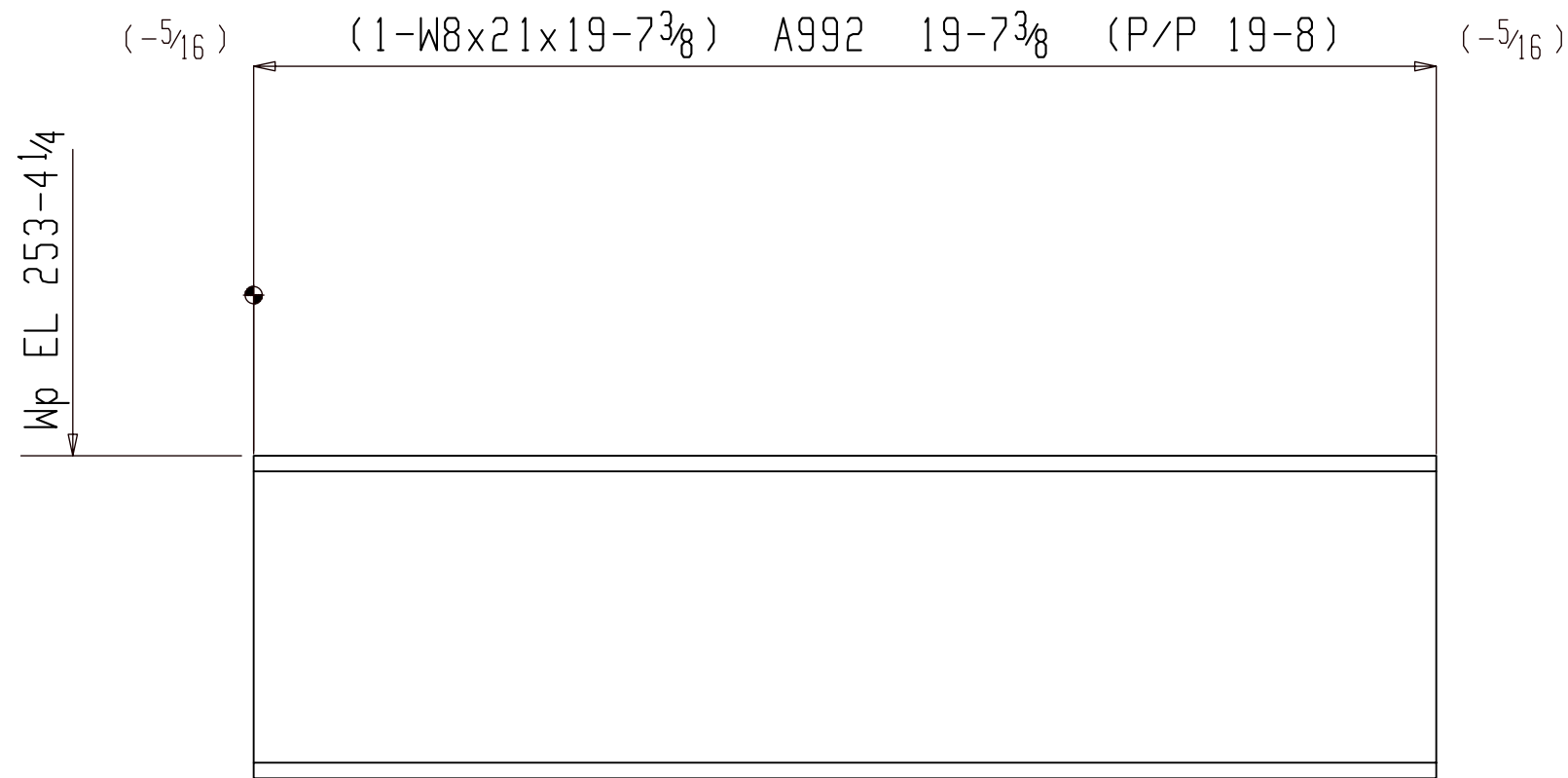
SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
AS101		ONE	ASSEMBLY		( THERMAL FLAME-SPRAY ZINC COATED)		
	M110	1	MISC				
	M111	1	MISC				
	FR101	1	FRAME				
	FR102	1	FRAME				
	FR103	1	FRAME				

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

SHOP NOTES:

REF. DWG/SPEC : E104			
DEG REF. SPEC. / DWG : PESS-SS-2000			
△			
△	For Fabrication	ALN	07-26-22
△	For Approval	ALN	07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	ZINC COATED
		WELDS:	E70XX
		CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
		DATE:	06-27-22
DESCRIPTION:	ASSEMBLY DETAIL AS101	JOB NUMBER:	149
		SHEET NO.:	AS101
		REV	△



ONE BEAM B101

(E REFER: E101)

GALVANIZED

FOR FABRICATION

SHOP NOTES:

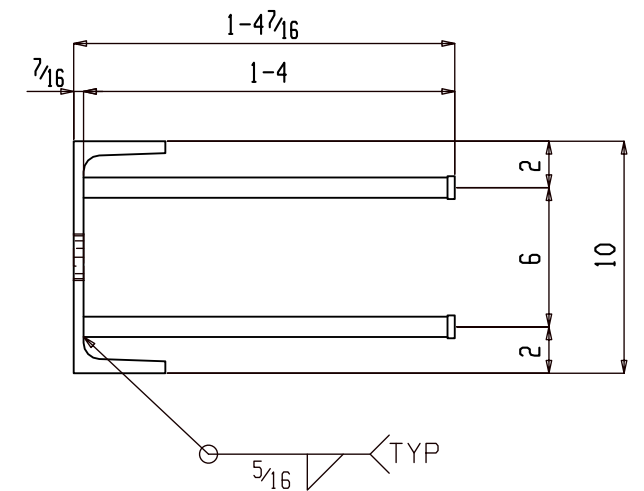
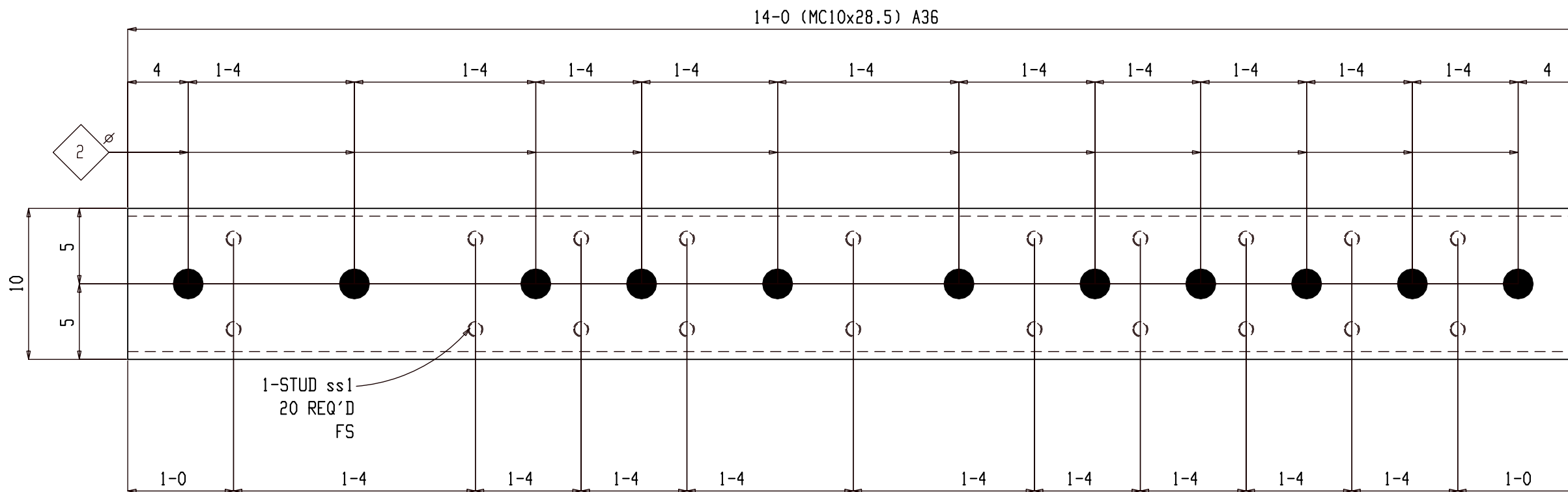
**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
B101		ONE	BEAM		(GALV)		412
	B101	1	W8x21	19-7 3/8		A992	412

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

REF. E PLAN : E101			
REF. DESIGN SWG : PESS-SS-2000			
△			
△			
△	For Fabrication		ALN 07-26-22
△	For Approval		ALN 07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	GALVANIZED
WELDS:	E70XX	CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
DESCRIPTION:	BEAM DETAIL	DATE:	06-27-22
		JOB NUMBER	149
		SHEET NO.	B101
		REV	△



2 EMBEDS EM101

(E REFER: E101)

THERMAL FLAME-SPRAY ZINC COATED

FOR FABRICATION

SHOP NOTES:

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
EM101		2	EMBED		(THERMAL FLAME-SPRAY ZINC COATED)		908
	EM101	2	MC10x28.5	14-0		A36	798
	ss1	40	WS <sup>7/8</sup>	1-4		A108	110

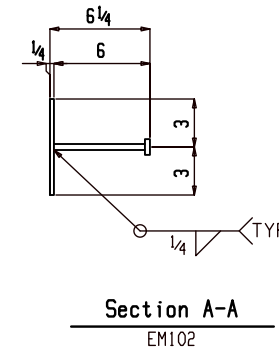
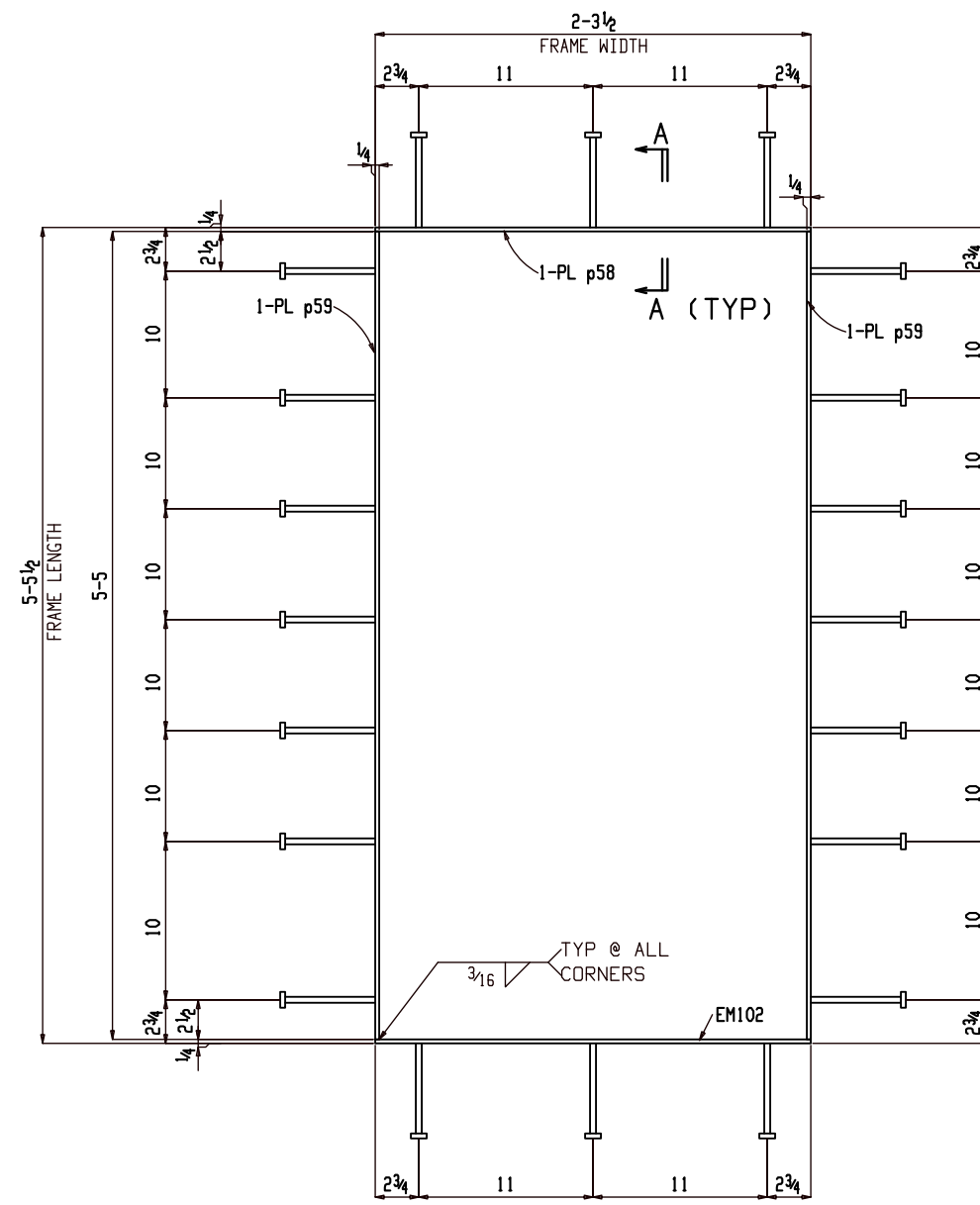
**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

REF. E PLAN : E101  
REF. DESIGN SWG : PESS-SS-2000

REV.	DESCRIPTION	BY	DATE
△			
△			
△	For Fabrication	ALN	07-26-22
△	For Approval	ALN	07-10-22

HOLES U.N.	13/16Ø	PAINT U.N.	ZINC COATED	WELDS:	E70XX	CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION			DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA			SCALE:	N.A.		
CONTRACTOR:	LINEWORKS, LLC			DATE:	06-27-22		
DESCRIPTION:	EMBED DETAIL			JOB NUMBER	149	SHEET NO.	EM101
				REV			△



ONE EMBED EM102

(E REFER: E103)

THERMAL FLAME-SPRAY ZINC COATED

FOR FABRICATION

SHOP NOTES:

**BILL OF MATERIAL**

SHIP	PIECE	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
MARK	MARK						
EM102		ONE	EMBED		THERMAL FLAME-SPRAY ZINC COATED		84
	EM102	1	PL 1/4x6	2-3 1/2		A36	12
	p58	1	PL 1/4x6	2-3 1/2		A36	12
	p59	2	PL 1/4x6	5-5		A36	55
	ss4	20	WS 3/8	6		A108	5

**BILL OF MATERIAL**

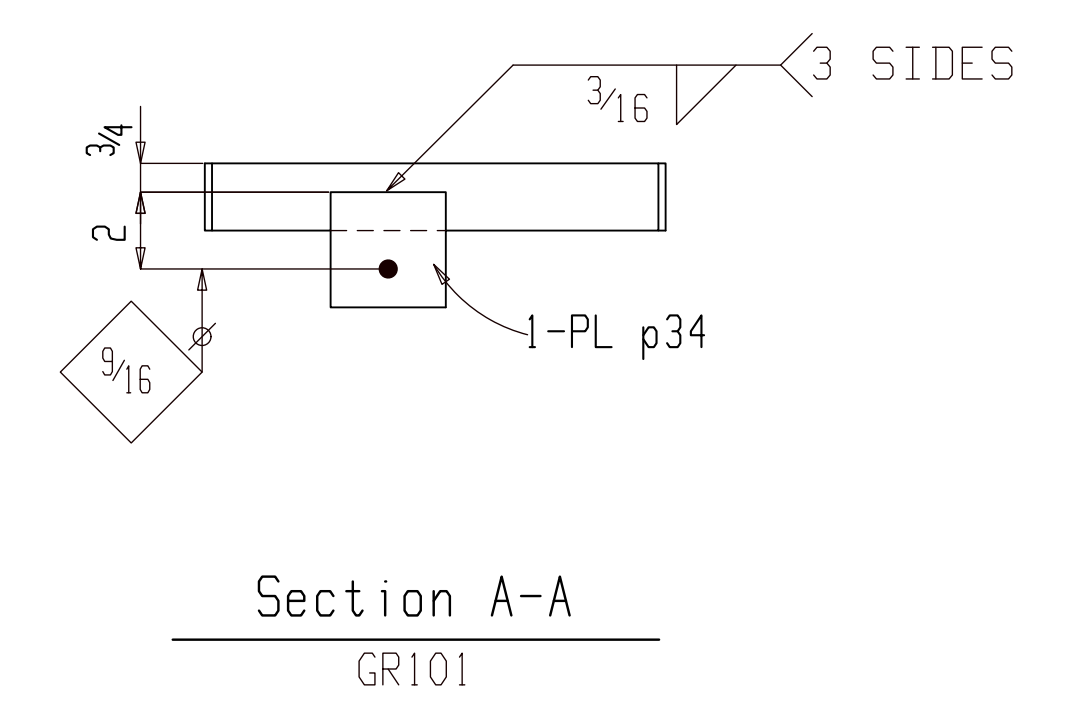
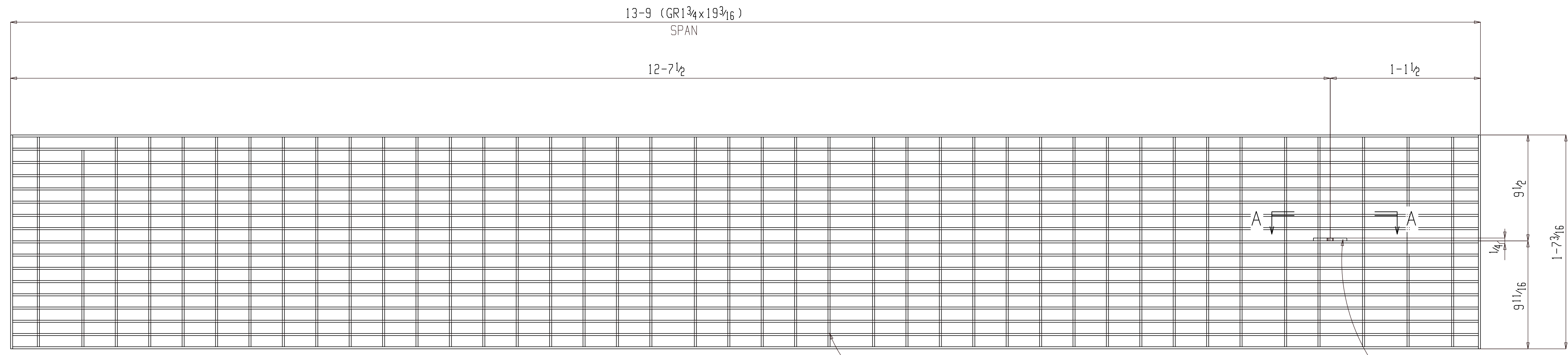
SHIP	PIECE	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
MARK	MARK						

REF. E PLAN : E103			
REF. DESIGN SWG : PESS-SS-2000			
△			
△			
△	For Fabrication		ALN 07-26-22
△	For Approval		ALN 07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	ZINC COATED
		WELDS:	E70XX
		CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
		DATE:	06-27-22
DESCRIPTION:	EMBED DETAIL	JOB NUMBER	149
		SHEET NO.	EM102
		REV	△









19W4 GRATING TYPE  
 1 3/4 x 3/16 SERRATED BAR.  
 BANDING AS REQUIRED

ONE SERRATED GRATING GR101

(E REFER: E101)

GALVANIZED

**FOR FABRICATION**

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
GR101		ONE	SERRATED GRATING		(GALV)		283
	GR101	1	GR1 3/4 x 19 3/16	13-9			282
	p34	1	PL 1/4 x 3	3		A36	1

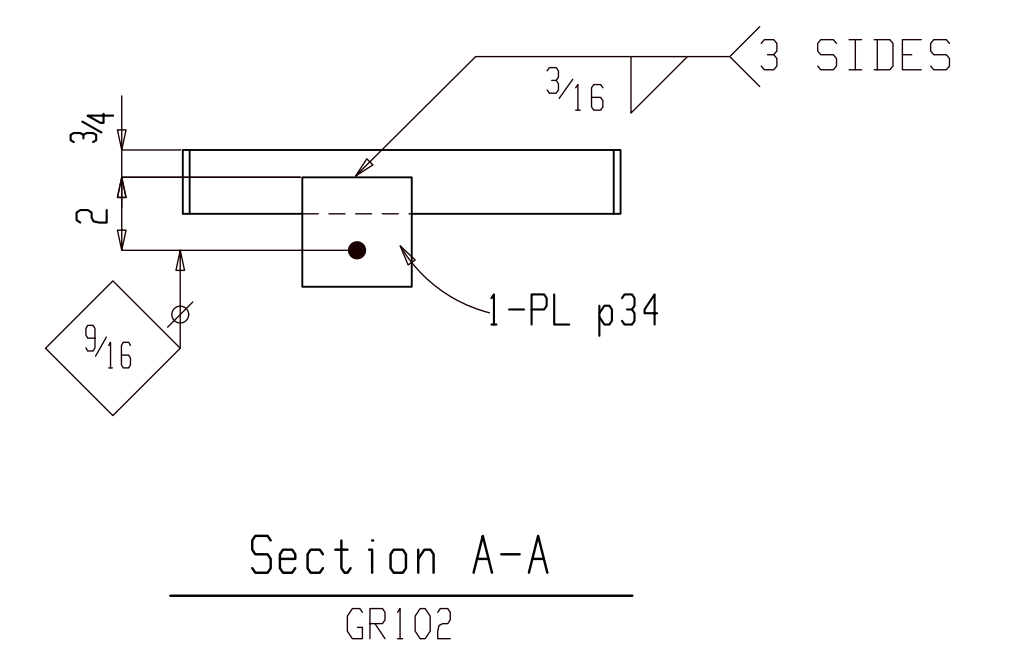
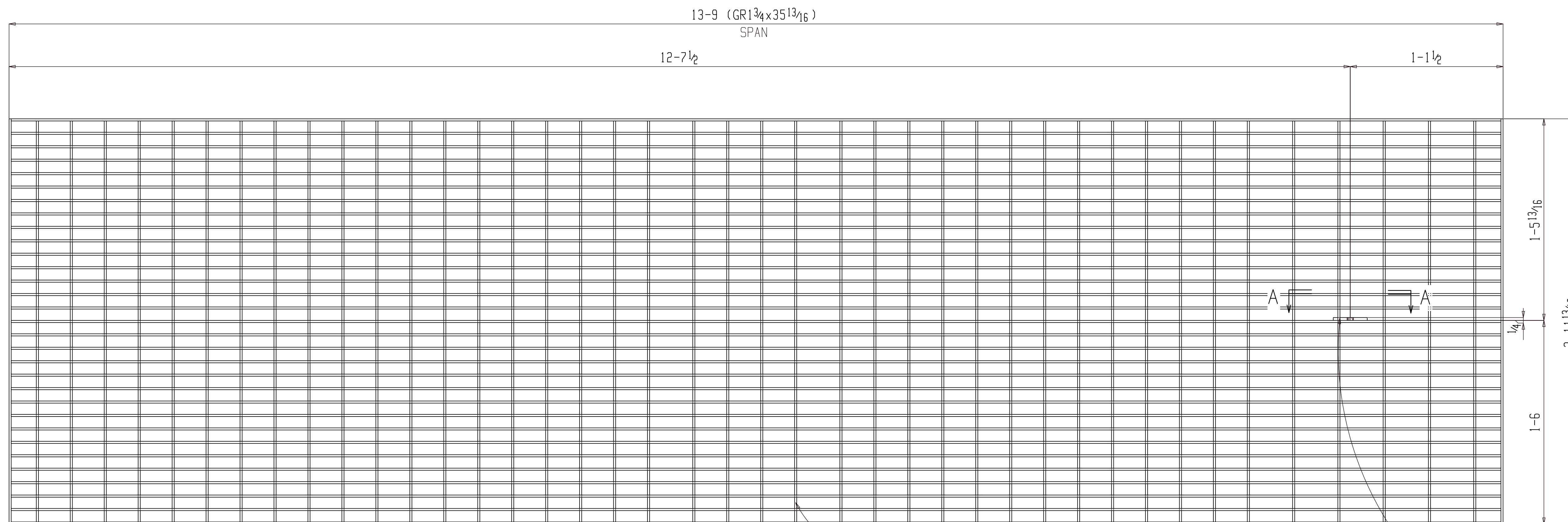
**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

SHOP NOTES:

REF. DWG/SPEC : E101			
DEG REF. SPEC. / DWG : PESS-SS-2000			
△			
△	For Fabrication		ALN 07-26-22
△	For Approval		ALN 07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	GALVANIZED
		WELDS:	E70XX
		CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
		DATE:	06-27-22
DESCRIPTION:	SERRATED GRATING DETAIL	JOB NUMBER	149
		SHEET NO.	GR101
		REV	△





19W4 GRATING TYPE  
1 3/4 x 3/16 SERRATED BAR.  
BANDING AS REQUIRED

1-PL p34

5 SERRATED GRATINGS GR102

(E REFER: E101)

GALVANIZED

**FOR FABRICATION**

**BILL OF MATERIAL**

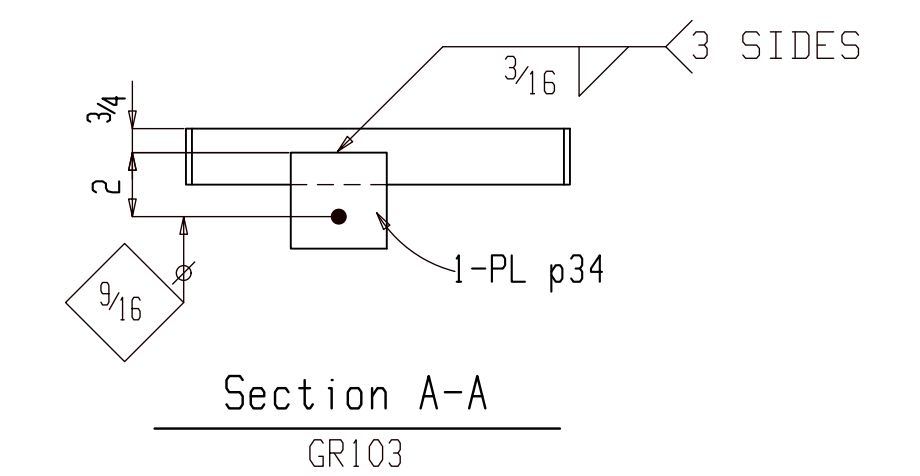
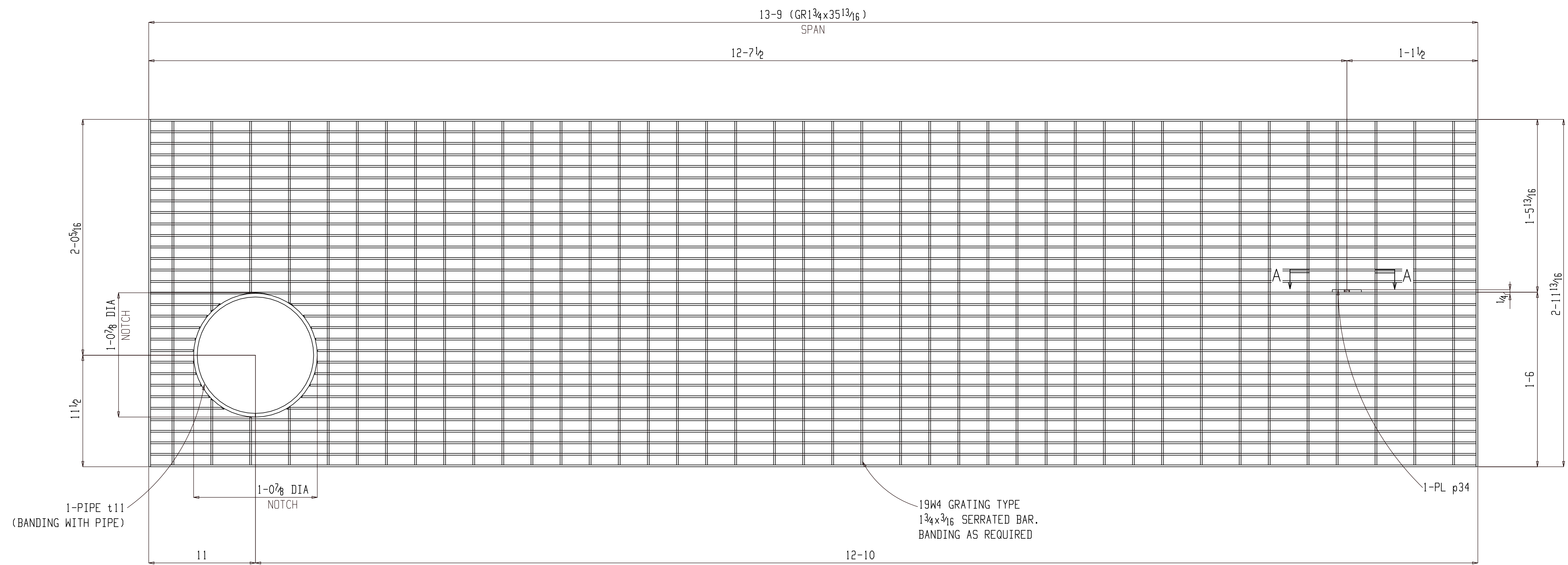
SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
GR102		5	SERRATED GRATING		(GALV)		2580
	GR102	5	GR 1 3/4 x 35 13/16	13-9			2577
	p34	5	PL 1/4 x 3	3		A36	3

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

SHOP NOTES:

REF. DWG/SPEC : E101			
DEG REF. SPEC. / DWG : PESS-SS-2000			
△			
△	For Fabrication		ALN 07-26-22
△	For Approval		ALN 07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	GALVANIZED
		WELDS:	E70XX
		CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
		DATE:	06-27-22
DESCRIPTION:	SERRATED GRATING DETAIL	JOB NUMBER	149
		SHEET NO.	GR102
		REV	△



ONE SERRATED GRATING GR103

(E REFER: E101)

GALVANIZED

FOR FABRICATION

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
GR103		ONE	SERRATED GRATING		(GALV)		523
	GR103	1	GR1 3/4 x 35 13/16	13-9			515
	p34	1	PL 1/4 x 3	3		A36	1
	t11	1	PIPE 12 STD	1 3/4		A53B	7

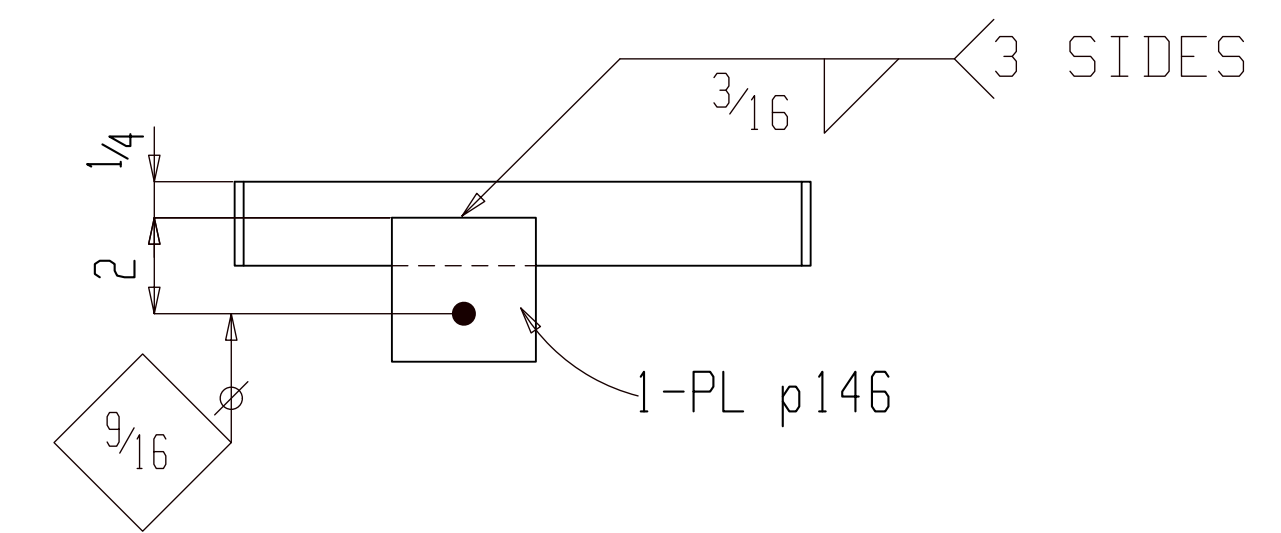
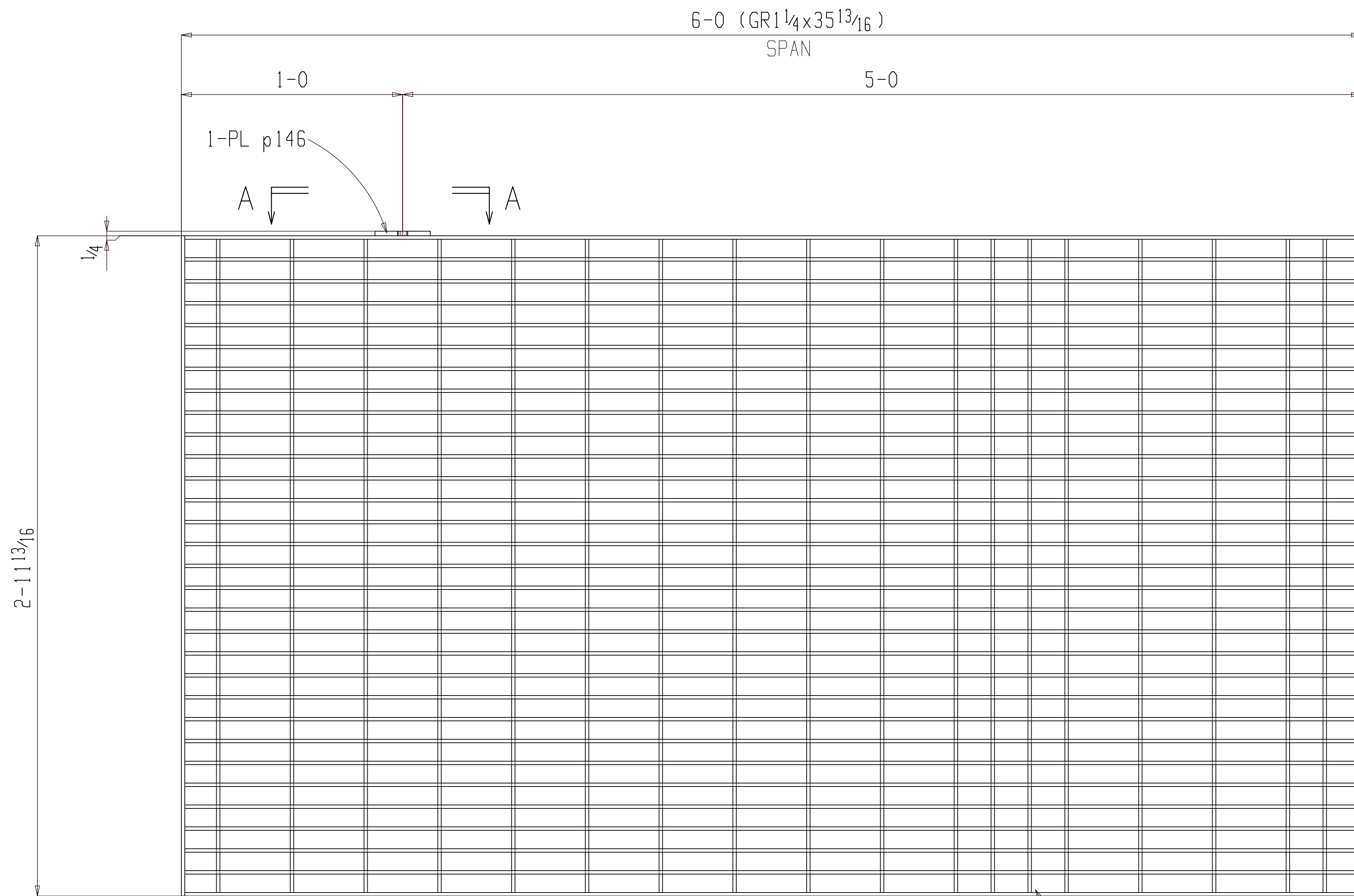
**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

SHOP NOTES:

REF. DWG/SPEC : E101		
DEG REF. SPEC. / DWG : PESS-SS-2000		
△ For Fabrication		ALN 07-26-22
△ For Approval		ALN 07-10-22
REV.	DESCRIPTION	BY DATE

HOLES U.N.	13/16Ø	PAINT U.N.	GALVANIZED	WELDS:	E70XX	CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION			DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA			SCALE:	N.A.		
CONTRACTOR:	LINEWORKS, LLC			DATE:	06-27-22		
DESCRIPTION:	SERRATED GRATING DETAIL	JOB NUMBER	149	SHEET NO.	GR103	REV	△



Section A-A  
GR104

2 SERRATED GRATINGS GR104

(E REFER: E105)

GALVANIZED

GALV. GRATING W/ 1/4" x 3/16"  
SERRATED BEARING BARS SPACED  
AT 1 3/16" O.C. AND DOVE TAIL  
CROSS BARS AT 4" O.C.  
(19-W-4 STD. MESH)  
(1/8" BENDING AS REQUIRED)

FOR FABRICATION

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
GR104		2	SERRATED GRATING		(GALV)		336
	GR104	2	GR1 1/4 x 35 13/16	6-0			335
	p146	2	PL 1/4 x 3	3		A36	1
			FIELD BOLTS				
		12	3/8 DIA THREADED ROD	3 1/2	(EMBED-2 1/2)		
			W/NUT & WASHER		(GALV)		
		12	SADDLE CLIP		(GALV)		

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

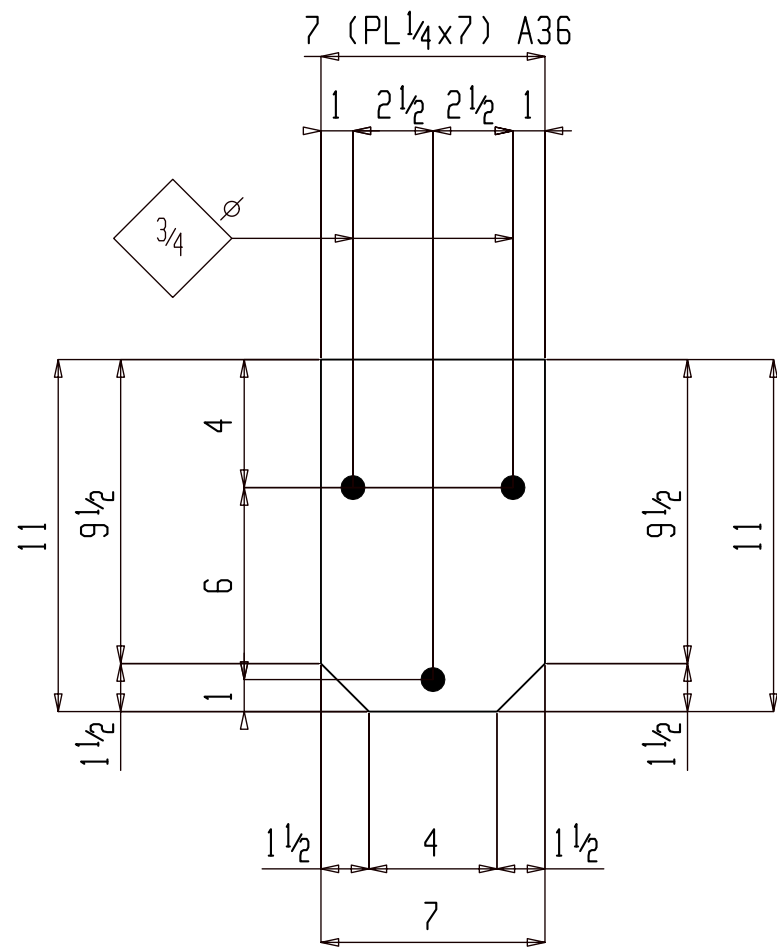
SHOP NOTES:

REF. DWG/SPEC : E105			
DEG REF. SPEC. / DWG : PESS-SS-2000			
△			
△	For Fabrication	ALN	07-26-22
△	For Approval	ALN	07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	GALVANIZED
WELDS:	E70XX	CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
		DATE:	06-27-22
DESCRIPTION:	SERRATED GRATING DETAIL	JOB NUMBER:	149
		SHEET NO.:	GR104
		REV:	△









2 PLATES M103

(E REFER: E101)

GALVANIZED

FOR FABRICATION

SHOP NOTES:

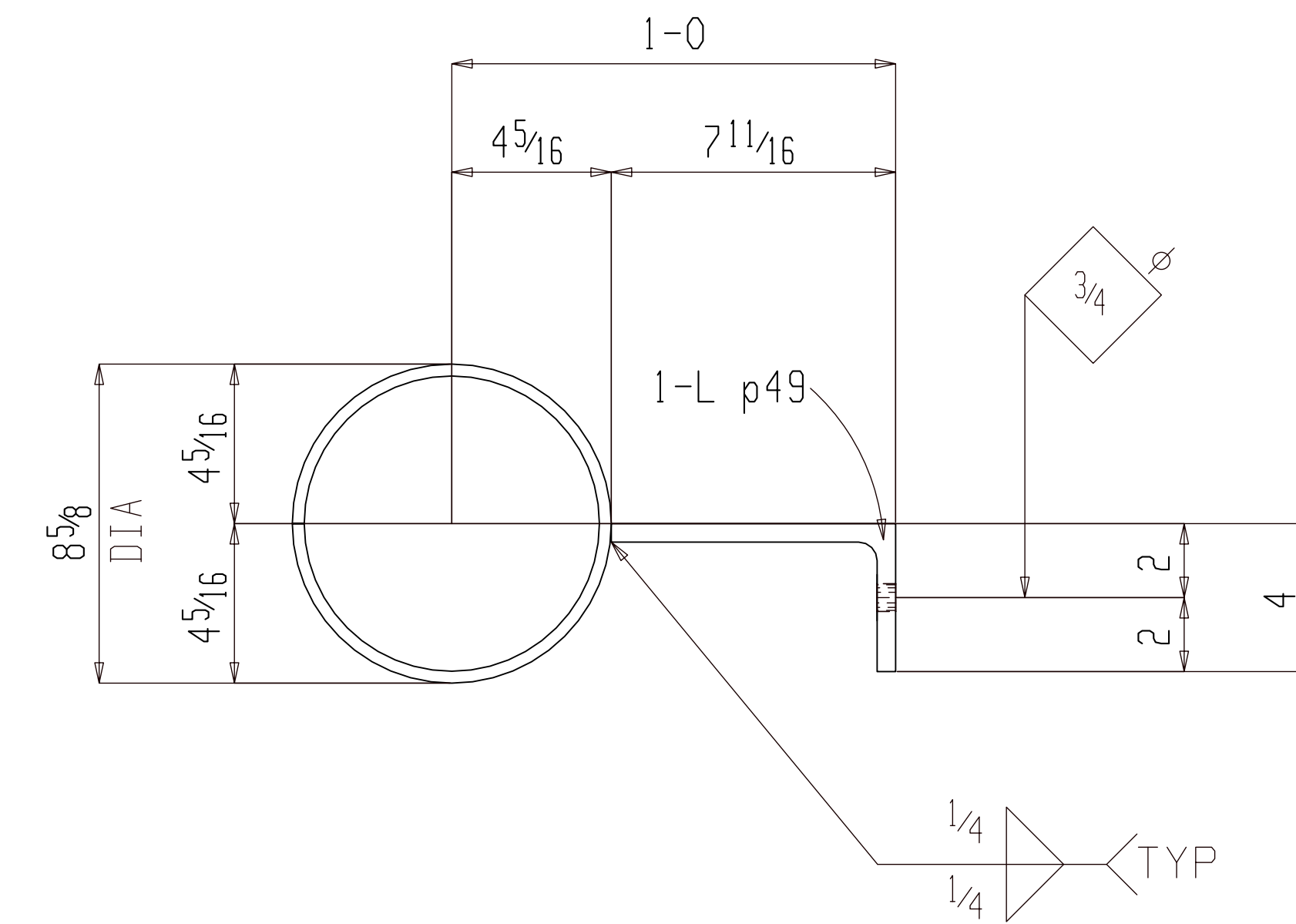
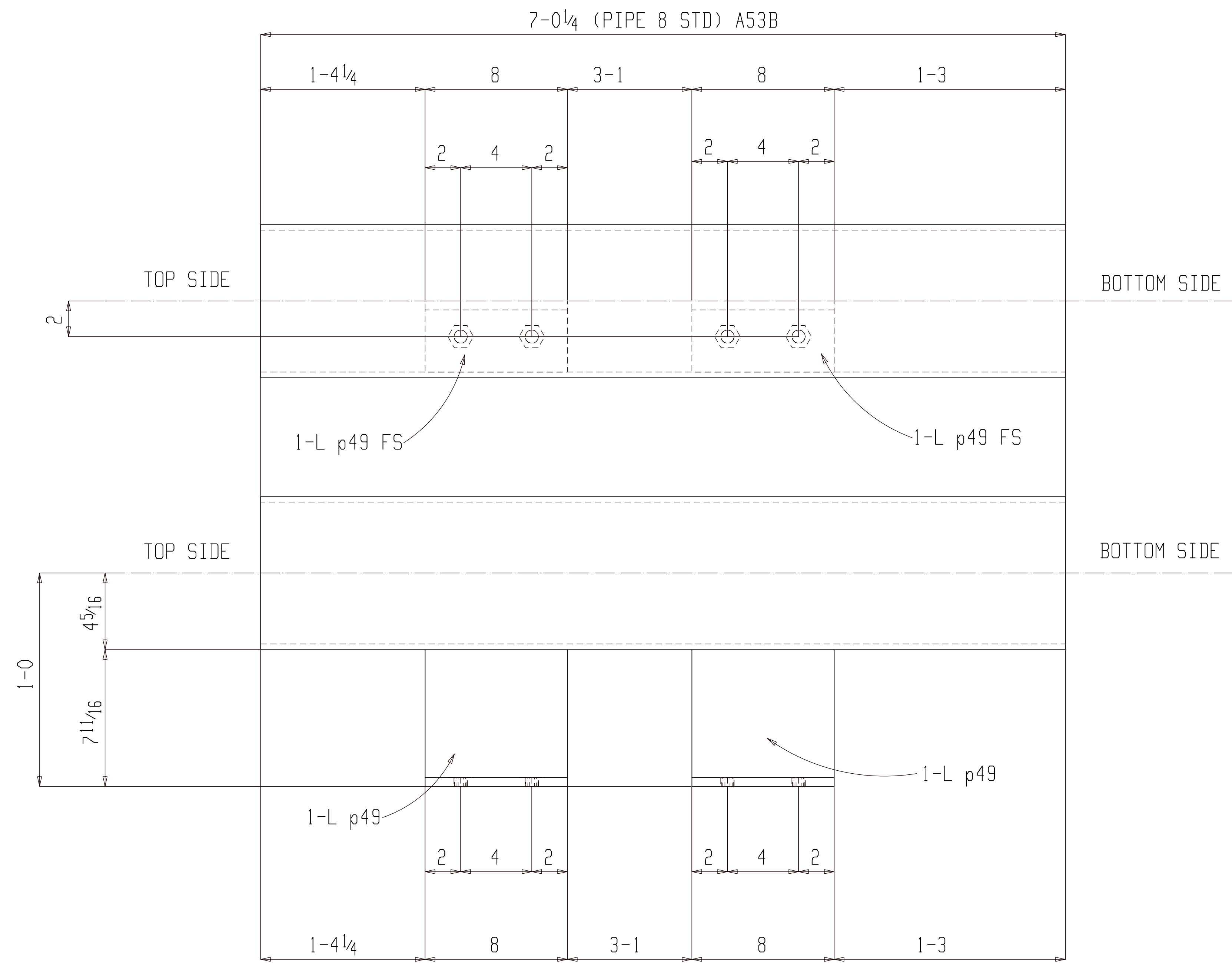
**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
M103		2	PLATE		(GALV)		11
	M103	2	PL 1/4x7	11		A36	11
			FIELD BOLTS				
		6	5/8 Dia EXPANSION ANCHOR	6	(GALV) (4" EMBED)		

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

REF. E PLAN : E101					
REF. DESIGN SWG : PESS-SS-2000					
△					
△					
△	For Fabrication			ALN	07-26-22
△	For Approval			ALN	07-10-22
REV.		DESCRIPTION		BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	GALVANIZED	WELDS:	E70XX
				CLEANING:	SSPC-SP3
JOB NAME: PARKS SUBSTATION			DR. BY: PKM		CHK. BY: ALN
LOCATION: ALASKA			SCALE: N.A.		
CONTRACTOR: LINEWORKS, LLC			DATE: 06-27-22		
DESCRIPTION: PLATE DETAIL		JOB NUMBER	149	SHEET NO.	M103
					REV
					△



ONE SUMP PIT PIPE M104

(E REFER: E101)

GALVANIZED

FOR FABRICATION

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
M104		ONE	SUMP PIT PIPE		(GALV)		227
	M104	1	PIPE 8 STD	7'-0 1/4		A53B	201
	p49	2	L8x4x 1/2	8		A36	26
		4	5/8 Dia EXPANSION ANCHOR	6	(GALV) (4" EMBED)		

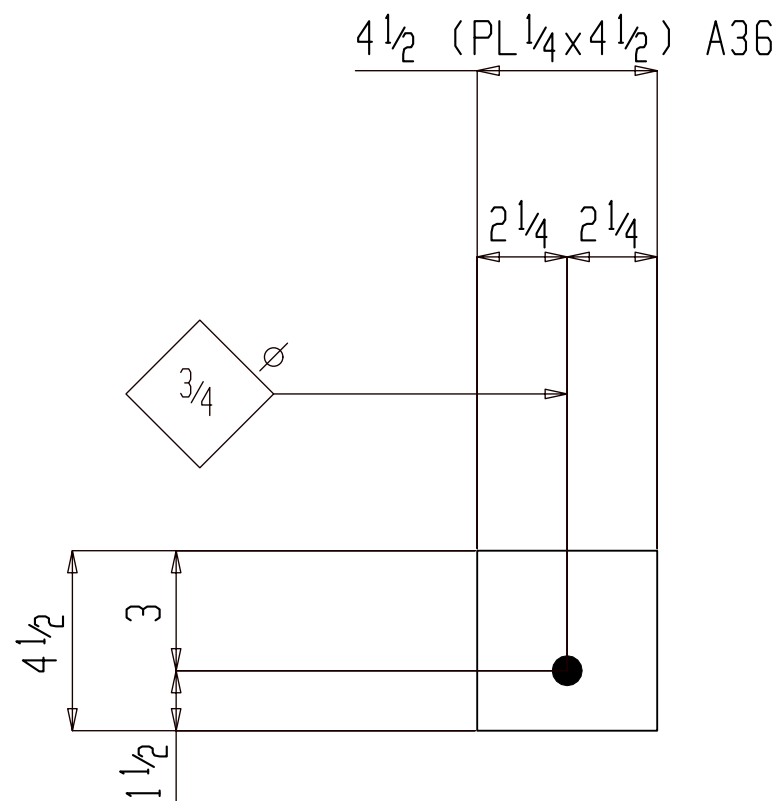
**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

SHOP NOTES:

REF. DWG/SPEC : E101			
DEG REF. SPEC. / DWG : PESS-SS-2000			
△			
△	For Fabrication	ALN	07-26-22
△	For Approval	ALN	07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	GALVANIZED
		WELDS:	E70XX
		CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
		DATE:	06-27-22
JOB NUMBER	149	SHEET NO.	M104
DESCRIPTION:	SUMP PIT PIPE DETAIL	REV	△





2 PLATES M105

(E REFER: E101)

GALVANIZED

FOR FABRICATION

SHOP NOTES:

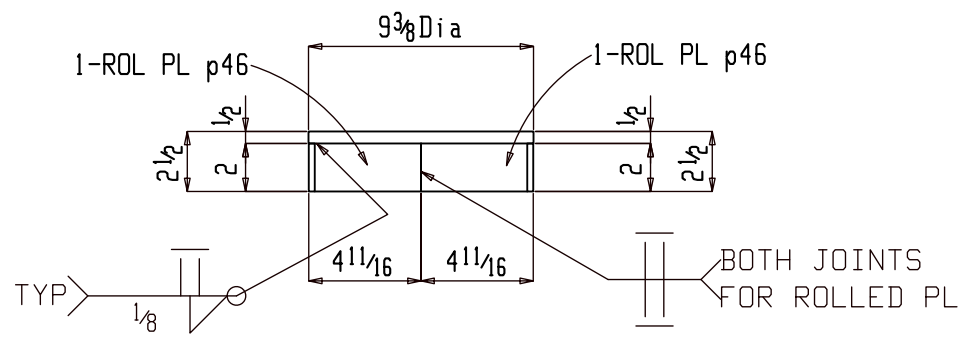
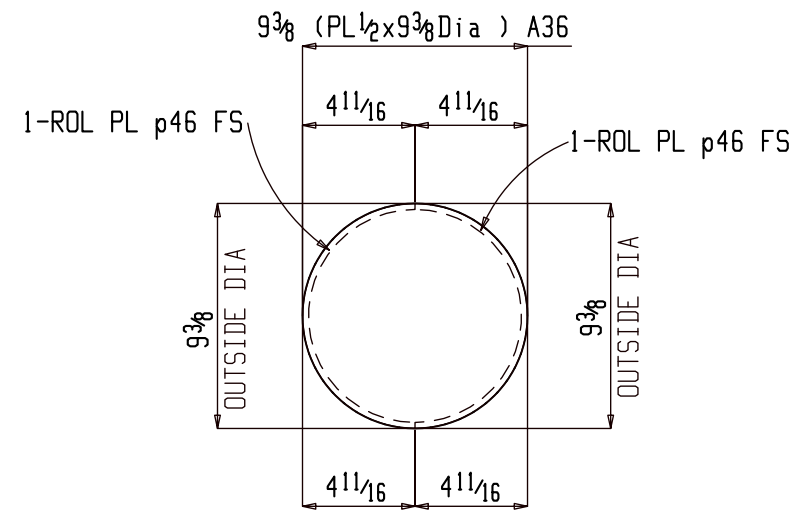
### BILL OF MATERIAL

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
M105		2	PLATE		(GALV)		3
	M105	2	PL 1/4 x 4 1/2	4 1/2		A36	3
			FIELD BOLTS				
		2	5/8 Dia EXPANSION ANCHOR	6	(GALV) (4" EMBED)		

### BILL OF MATERIAL

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

REF. E PLAN : E101			
REF. DESIGN SWG : PESS-SS-2000			
△			
△			
△	For Fabrication		ALN 07-26-22
△	For Approval		ALN 07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N. 13/16Ø PAINT U.N. GALVANIZED WELDS: E70XX CLEANING: SSPC-SP3			
JOB NAME: PARKS SUBSTATION		DR. BY: PKM	CHK. BY: ALN
LOCATION: ALASKA		SCALE: N.A.	
CONTRACTOR: LINEWORKS, LLC		DATE: 06-27-22	
DESCRIPTION: PLATE DETAIL	JOB NUMBER: 149	SHEET NO.: M105	REV: △



ONE CAP PLATE M106

(E REFER: E101)

GALVANIZED

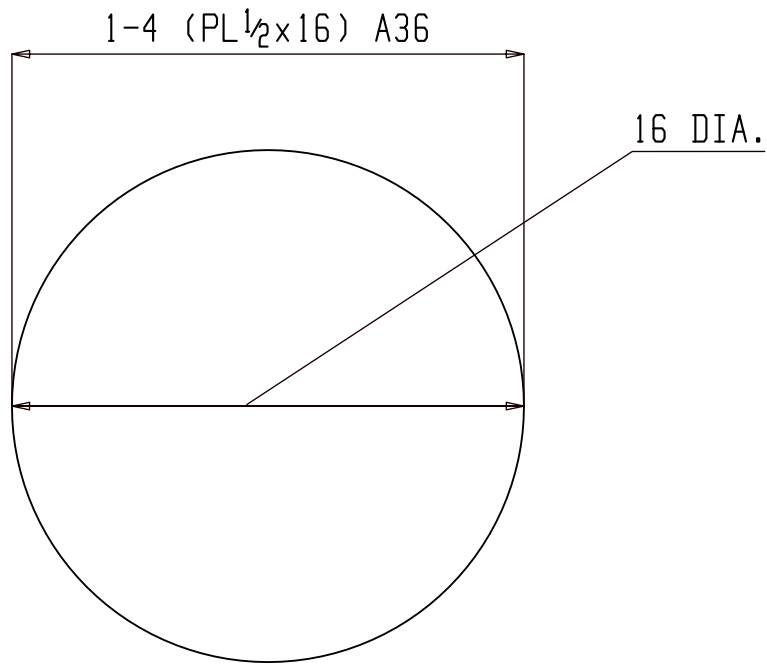
FOR FABRICATION

SHOP NOTES:

BILL OF MATERIAL							
SHIP	PIECE	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
MARK	MARK						
M106		ONE	CAP PLATE		(GALV)		14
	M106	1	PL 1/2 x 9 3/8 Dia			A36	
	p46	2	PL 1/4 x 2	1-1 15/16	ROLLED	A36	4

BILL OF MATERIAL							
SHIP	PIECE	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
MARK	MARK						

REF. E PLAN : E101			
REF. DESIGN SWG : PESS-SS-2000			
△			
△			
△	For Fabrication		ALN 07-26-22
△	For Approval		ALN 07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	GALVANIZED
WELDS:	E70XX	CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINWORKS, LLC	SCALE:	N.A.
DESCRIPTION:	CAP PLATE DETAIL	DATE:	06-27-22
		JOB NUMBER	149
		SHEET NO.	M106
		REV	△



12 PLATES M107

(E REFER: E105)

GALVANIZED

FOR FABRICATION

SHOP NOTES:

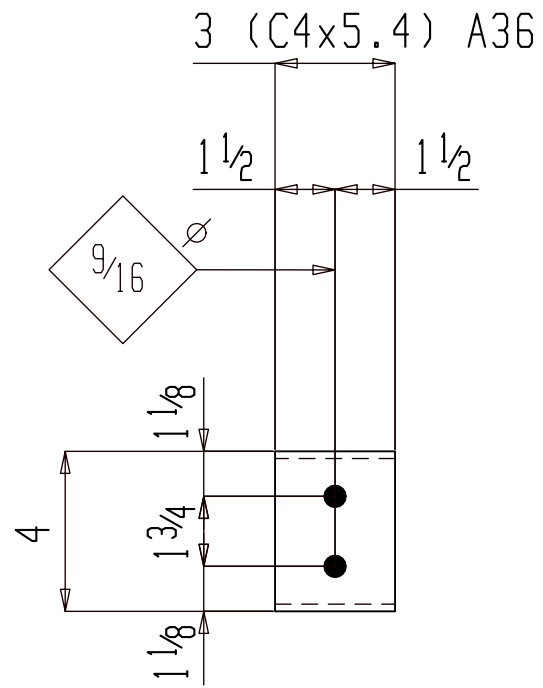
**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
M107		12	PLATE		(GALV)		342
	M107	12	PL 1/2 x 16 Dia			A36	

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

REF. E PLAN : E105			
REF. DESIGN SWG : PESS-SS-2000			
△			
△			
△	For Fabrication		ALN 07-26-22
△	For Approval		ALN 07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	GALVANIZED
		WELDS:	E70XX
		CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
		DATE:	06-27-22
DESCRIPTION:	ROUND PLATE DETAIL	JOB NUMBER	149
		SHEET NO.	M107
		REV	△



ONE METAL LID GROUND M108

SHOP NOTE:  
TOE DIRECTION FAR SIDE

(E REFER: E104)

GALVANIZED

FOR FABRICATION

SHOP NOTES:

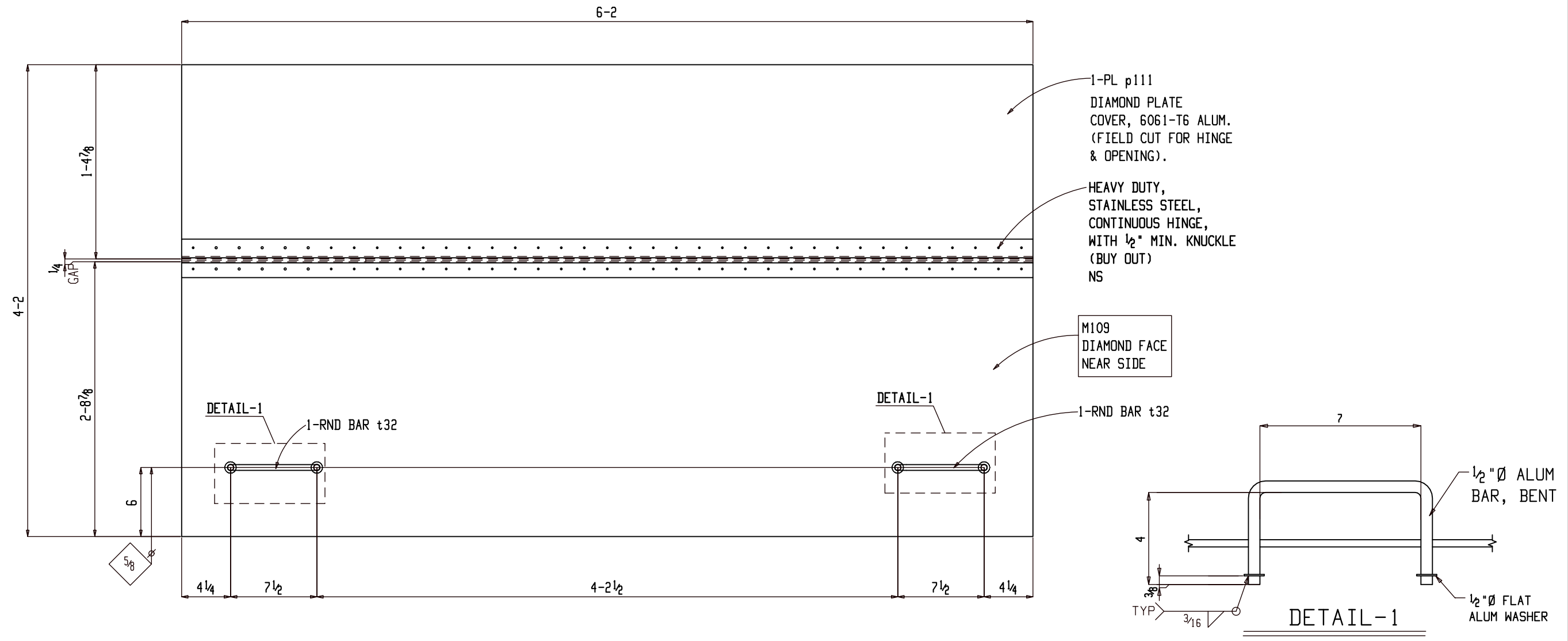
**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
M108		ONE	METAL LID GROUND				1
	M108	1	C4x5.4	3		A36	1
			FIELD BOLTS				
		2	1/2 Dia HEAVY HEX NUT			A563	

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

REF. E PLAN : E104			
REF. DESIGN SWG : PESS-SS-2000			
△			
△			
△	For Fabrication		ALN 07-26-22
△	For Approval		ALN 07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	GALVANIZED
WELDS:	E70XX	CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
DESCRIPTION:	ONE METAL LID GROUND DETAIL	DATE:	06-27-22
		JOB NUMBER	149
		SHEET NO.	M108
		REV	△



**ONE HINGED COVERLID M109**

(E REFER: E104)

ALUMINUM

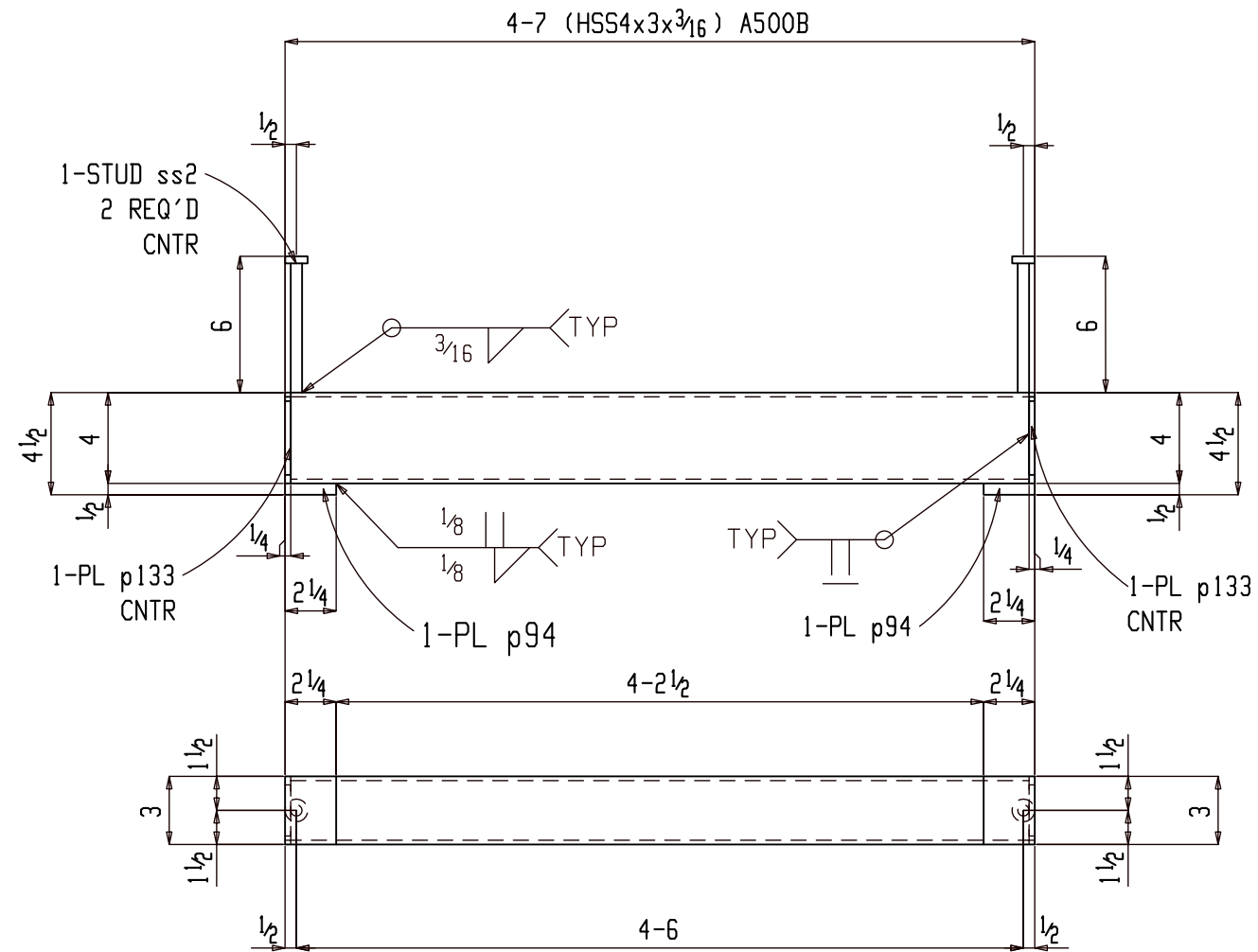
**FOR FABRICATION**

SHOP NOTES:

BILL OF MATERIAL							
SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
M109		ONE	HINGED COVERLID		(ALUM)		543
	M109	1	CP 1/2 x 32 7/8	6-2	(ALUM)	6061-T6	363
	p111	1	PL 1/2 x 16 7/8	6-2	(ALUM)	6061-T6	177
	t32	2	RB 1/2	1-3 5/16	(ALUM)	6061-T6	2
		2	1/2 Dia FLAT WASHER		(ALUM)	6061-T6	2
		1	HEAY DUTY CONT. SS HINGE (W/ 1/2" MIN. KNUCKLE)	6-2	(BUY OUT)	SS	

BILL OF MATERIAL							
SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

REF. E PLAN : E104			
REF. DESIGN SWG : PESS-SS-2000			
△			
△			
△	For Fabrication		ALN 07-26-22
△	For Approval		ALN 07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	6061-T6 ALUM
WELDS:	E70XX	CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
DESCRIPTION:	HINGED COVERLID DETAIL	DATE:	06-27-22
		JOB NUMBER	149
		SHEET NO.	M109
		REV	△



**ONE MISC M110**

(ASSEMBLY REFER: AS101)

NO PAINT

**FOR FABRICATION**

SHOP NOTES:

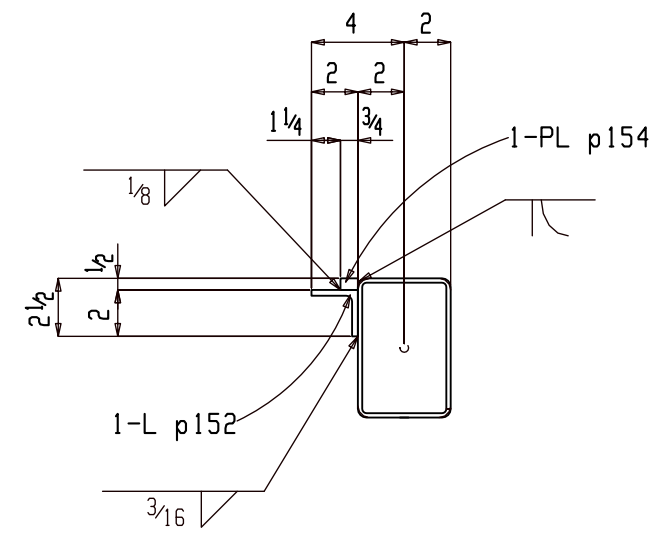
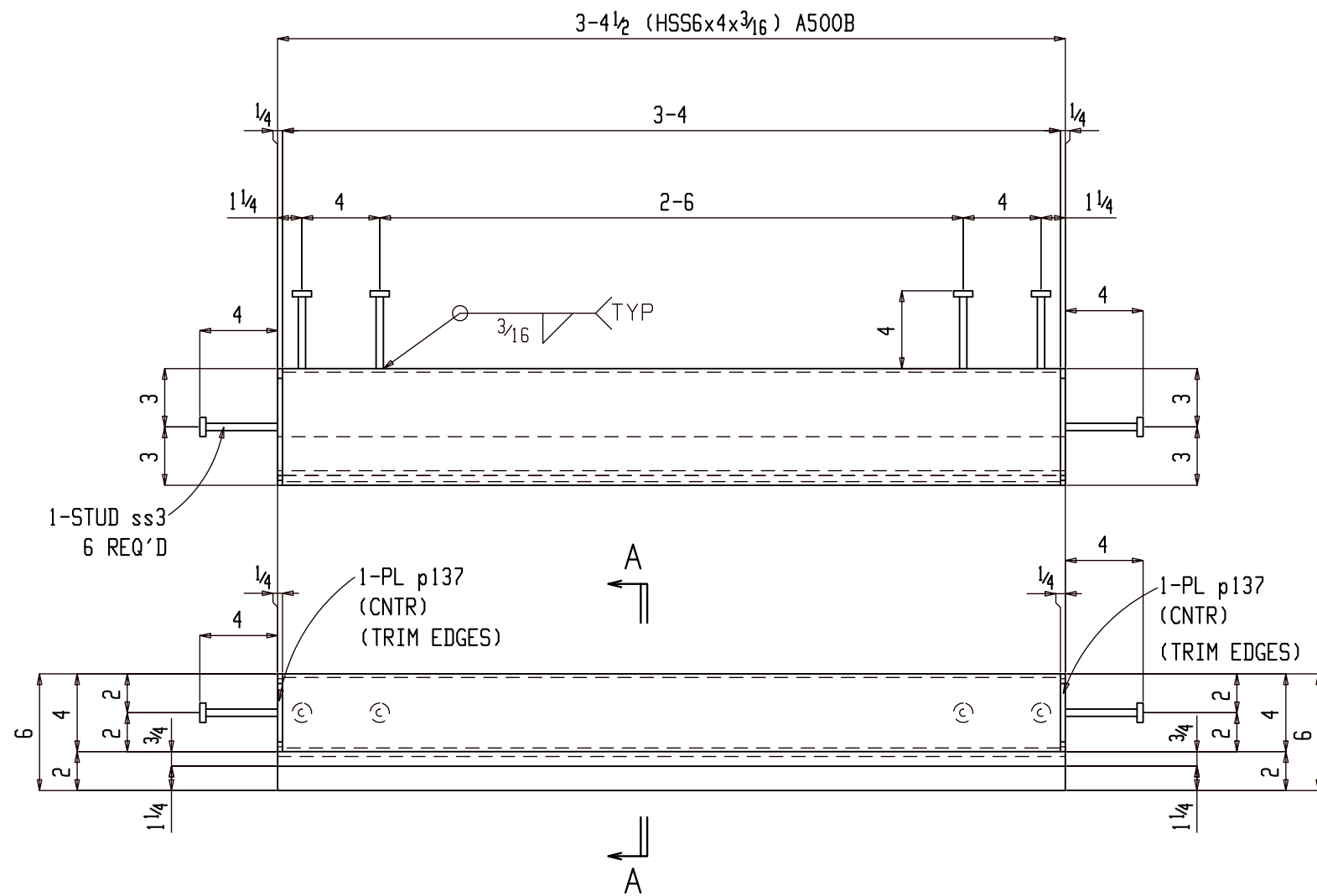
**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
M110		ONE	MISC				41
	M110	1	HSS4x3x3/16	4-6 1/2		A500B	37
	p94	2	PL 1/2x2 1/4	3		A36	2
	p133	2	PL 1/4x3	4		A36	2
	ss2	2	WS 1/2	6		A108	1

**BILL OF MATERIAL**

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

REF. E PLAN : E104			
REF. DESIGN SWG : PESS-SS-2000			
△			
△			
△	For Fabrication		ALN 07-26-22
△	For Approval		ALN 07-10-22
REV.	DESCRIPTION	BY	DATE
HOLES U.N.	13/16Ø	PAINT U.N.	NO PAINT
		WELDS:	E70XX
		CLEANING:	SSPC-SP3
JOB NAME:	PARKS SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE:	N.A.
		DATE:	06-27-22
DESCRIPTION:	MISC. DETAIL	JOB NUMBER	149
		SHEET NO.	M110
		REV	△



Section A-A  
M111

ONE MISC M111

(ASSEMBLY REFER: AS101)

NO PAINT

FOR FABRICATION

SHOP NOTES:

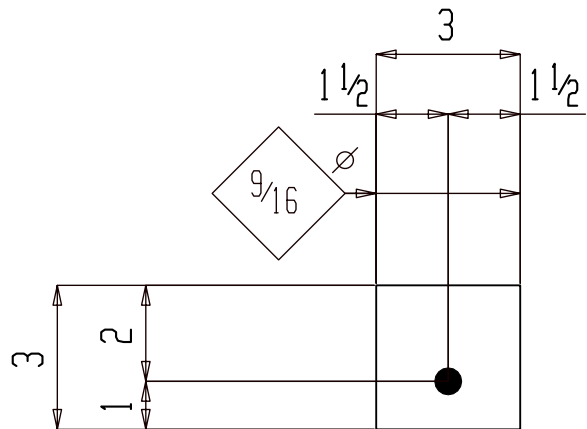
BILL OF MATERIAL

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT
M111		ONE	MISC				59
	M111	1	HSS6x4x3/16	3-4		A500B	40
	p152	1	L2x2x1/4	3-4 1/2		A36	11
	p154	1	PL 1/2x3/4	3-4 1/2		A36	4
	p137	2	PL 1/4x4	6		A36	3
	ss3	6	WS 3/8	4		A108	1

BILL OF MATERIAL

SHIP MARK	PIECE MARK	QTY	DESCRIPTION	LENGTH	REMARKS	GRADE	WEIGHT

REF. E PLAN : E104													
REF. DESIGN SWG : PESS-SS-2000													
△													
△													
△	For Fabrication			ALN	07-26-22								
△	For Approval			ALN	07-10-22								
REV.		DESCRIPTION		BY	DATE								
<table border="1"> <tr> <td>HOLES U.N.</td> <td>13/16Ø</td> <td>PAINT U.N.</td> <td>NO PAINT</td> <td>WELDS:</td> <td>E70XX</td> <td>CLEANING:</td> <td>SSPC-SP3</td> </tr> </table>						HOLES U.N.	13/16Ø	PAINT U.N.	NO PAINT	WELDS:	E70XX	CLEANING:	SSPC-SP3
HOLES U.N.	13/16Ø	PAINT U.N.	NO PAINT	WELDS:	E70XX	CLEANING:	SSPC-SP3						
JOB NAME: PARKS SUBSTATION				DR. BY: PKM   CHK. BY: ALN									
LOCATION: ALASKA				SCALE: N.A.									
CONTRACTOR: LINEWORKS, LLC				DATE: 06-27-22									
DESCRIPTION: MISC.DETAIL				JOB NUMBER	SHEET NO.								
				149	M111								



7 PL  $\frac{1}{4}$ x3x0-3 p34

GRADE: A36

NO PAINT

1	GR103
5	GR102
1	GR101
QTY	ASSY

For Fabrication

HOLES U.N.  $\frac{13}{16}\varnothing$

JOB NAME: PARK SUBSTATION

DR. BY: PKM | CHK. BY: ALN

LOCATION: ALASKA

SCALE: N.A.

CONTRACTOR: LINEWORKS, LLC

DATE: 07-19-22

For Fabrication

ALN 07-26-22

JOB NUMBER | SHEET NO. | REV

REV. DESCRIPTION

BY DATE

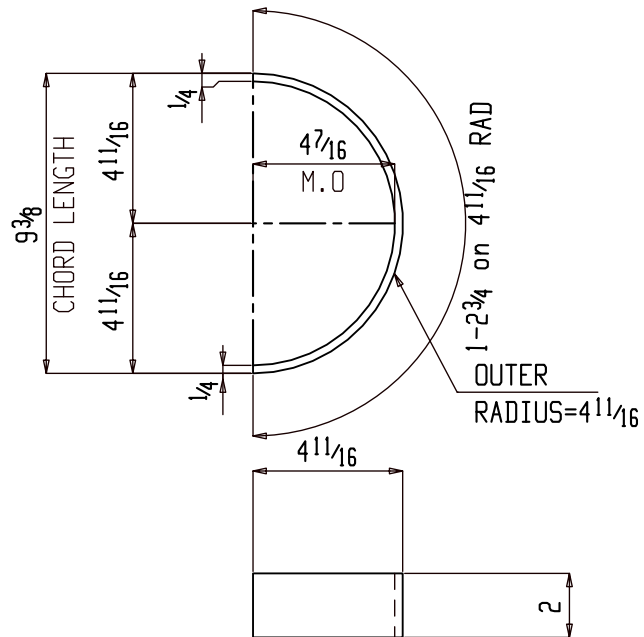
DESCRIPTION: PLATE

149

p34

$\varnothing$





2 PL 1/4 x 2 x 1-15/16 p46

GRADE: A36

NO PAINT

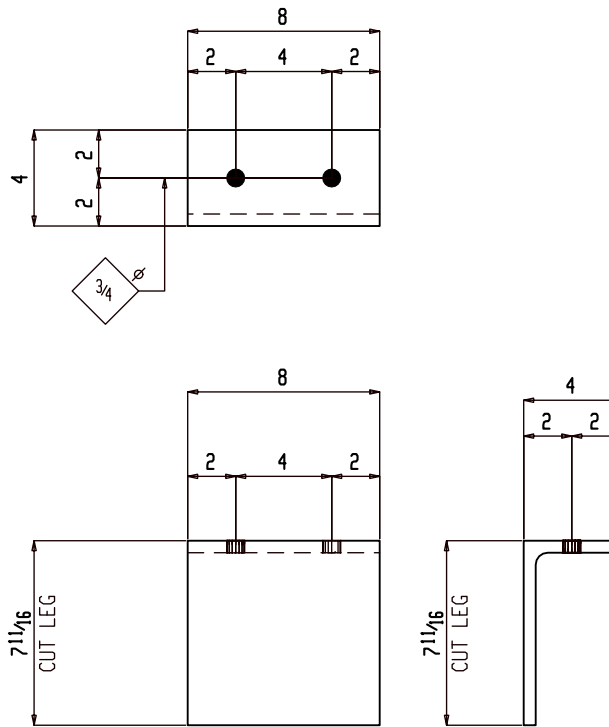
2	M106
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME:	REED SUBSTATION	DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA	SCALE:	N.A.		
CONTRACTOR:	LINEWORKS, LLC	DATE:	06-20-22		
DESCRIPTION:	PIPE	JOB NUMBER:	148	SHEET NO.:	p46
		REV:			0

REV.	DESCRIPTION	BY	DATE
0	For Fabrication	ALN	07-26-22



2 L8x4x1/2x0-8 p49

GRADE: A36

NO PAINT

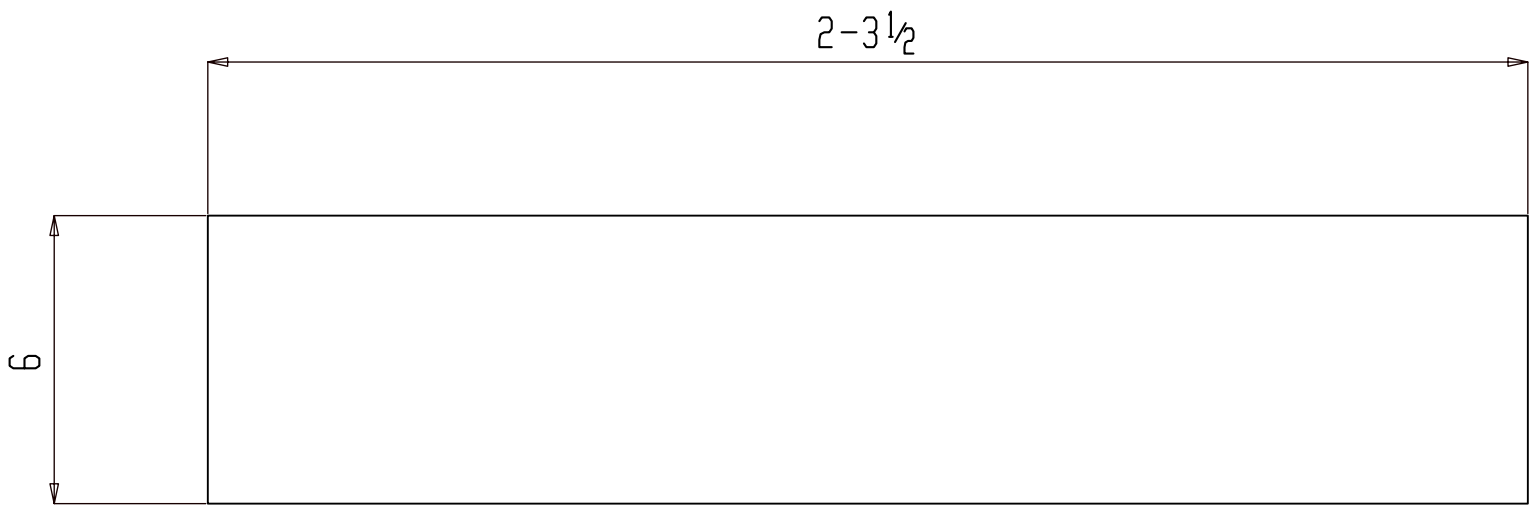
2	M104
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME:	PARK SUBSTATION	DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA	SCALE: N.A.			
CONTRACTOR:	LINEWORKS, LLC	DATE: 06-20-22			
DESCRIPTION:	ANGLE	JOB NUMBER	SHEET NO.	REV	
		149	p49		0

△			
△			
△			
△	For Fabrication	ALN	07-26-22
REV.	DESCRIPTION	BY	DATE



ONE PL 1/4 x 6 x 2-3 1/2 p58

GRADE: A36

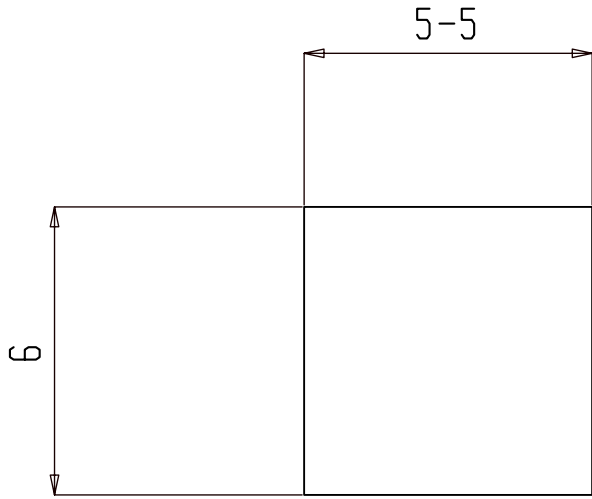
NO PAINT

1	EM102
QTY	ASSY

For Fabrication

HOLES U.N.		13/16Ø	
JOB NAME:	PARK SUBSTATION	DR. BY:	PKM
LOCATION:	ALASKA	CHK. BY:	ALN
CONTRACTOR:	LINEWORKS, LLC	SCALE: N.A.	
DATE: 07-19-22		DATE: 07-19-22	
DESCRIPTION:	PLATE	JOB NUMBER	SHEET NO.
		149	p58
			REV
			0

△			
△			
△			
△			
△	For Fabrication	ALN	07-26-22
REV.	DESCRIPTION	BY	DATE



2 PL 1/4 x 6 x 5-5 p59

GRADE: A36

NO PAINT

2	EM102
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME: PARK SUBSTATION

LOCATION: ALASKA

CONTRACTOR: LINEWORKS, LLC

DESCRIPTION: PLATE

DR. BY: PKM | CHK. BY: ALN

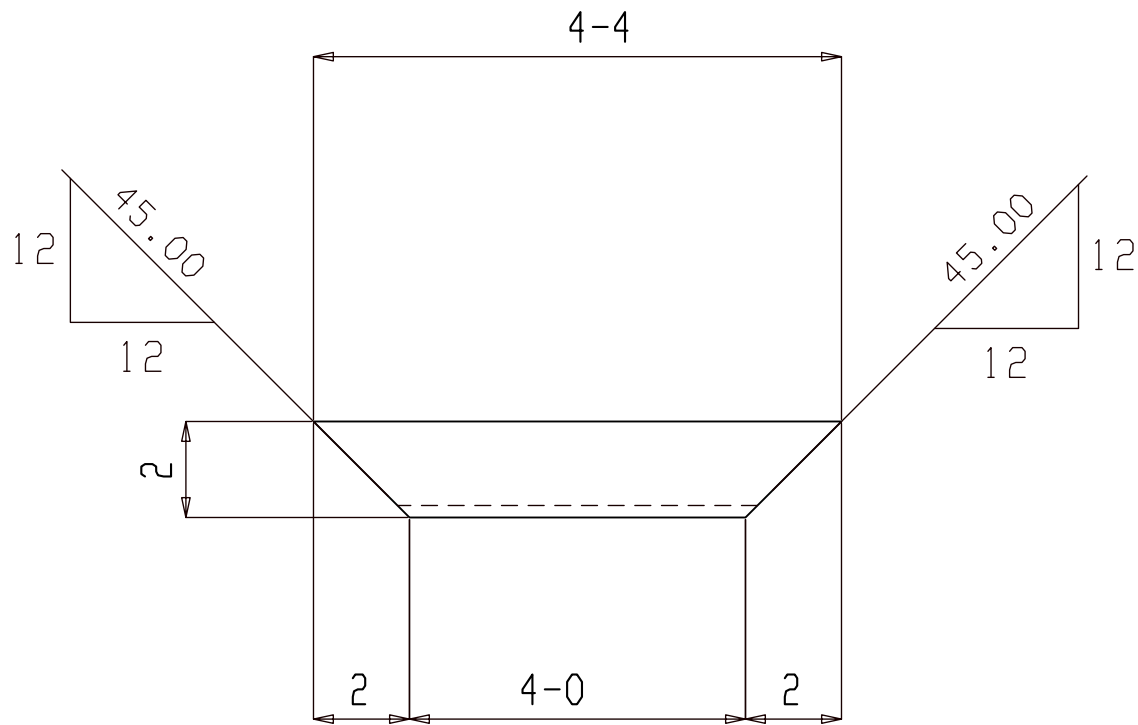
SCALE: N.A.

DATE: 07-19-22

JOB NUMBER | SHEET NO. | REV

149 | p59 |

REV.	DESCRIPTION	BY	DATE
	For Fabrication	ALN	07-26-22



ONE L2x2x1/4x4-4 p74

GRADE: A36

NO PAINT

1	FR102
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME: PARK SUBSTATION

DR. BY: PKM | CHK. BY: ALN

LOCATION: ALASKA

SCALE: N.A.

CONTRACTOR: LINEWORKS, LLC

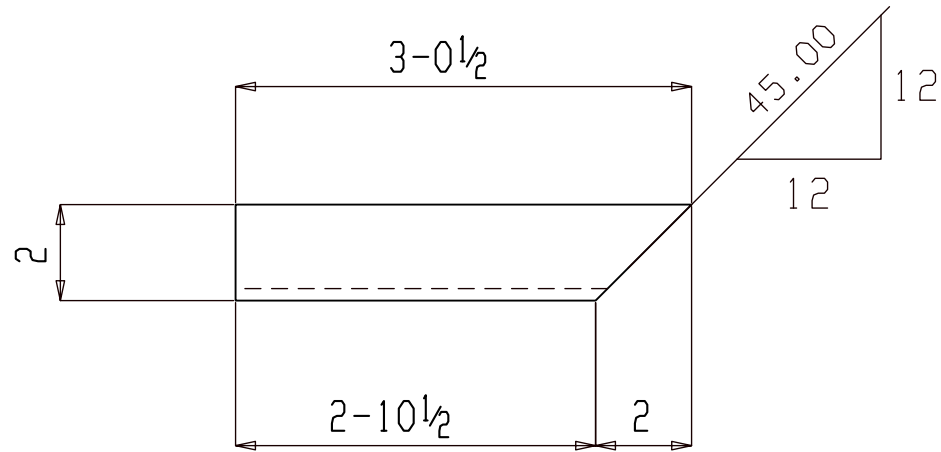
DATE: 07-19-22

DESCRIPTION: ANGLE

JOB NUMBER	SHEET NO.	REV
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149	p74	△
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△			
△			
△			
△	For Fabrication	ALN	07-26-22
REV.	DESCRIPTION	BY	DATE



1 L2x2x1/4x3-0 1/2 p93

GRADE: A36

NO PAINT

1	FR102
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME: PARK SUBSTATION

LOCATION: ALASKA

CONTRACTOR: LINEWORKS, LLC

DESCRIPTION: ANGLE

DR. BY: PKM CHK. BY: ALN

SCALE: N.A.

DATE: 07-19-22

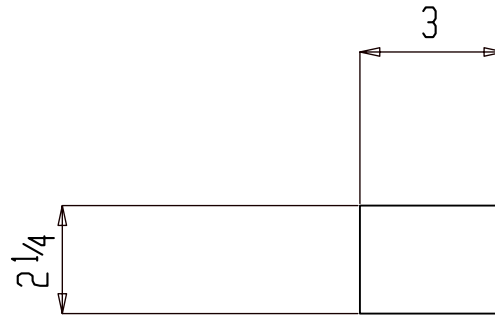
JOB NUMBER SHEET NO. REV

149

p93



REV.	DESCRIPTION	ALN BY	DATE
△			
△			
△			
△	For Fabrication	ALN	07-26-22



2 PL 1/2 x 2 1/4 x 0-3 p94

GRADE: A36

NO PAINT

2	M110
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME: PARK SUBSTATION

LOCATION: ALASKA

CONTRACTOR: LINEWORKS, LLC

DESCRIPTION: PLATE

DR. BY: PKM | CHK. BY: ALN

SCALE: N.A.

DATE: 07-19-22

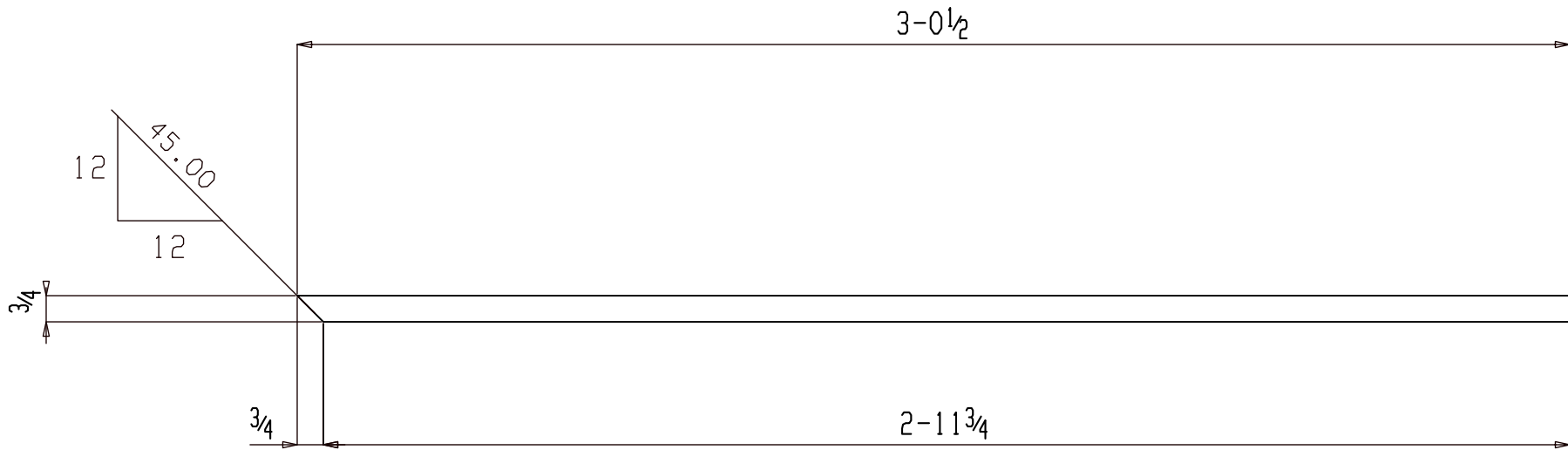
JOB NUMBER | SHEET NO. | REV

149

p94

0

△			
△			
△			
△	For Fabrication	ALN	07-26-22
REV.	DESCRIPTION	BY	DATE



4 PL 1/2 x 3/4 x 3-0 1/2 p105

GRADE: A36

NO PAINT

1	FR101
2	FR102
1	FR103
QTY	ASSY

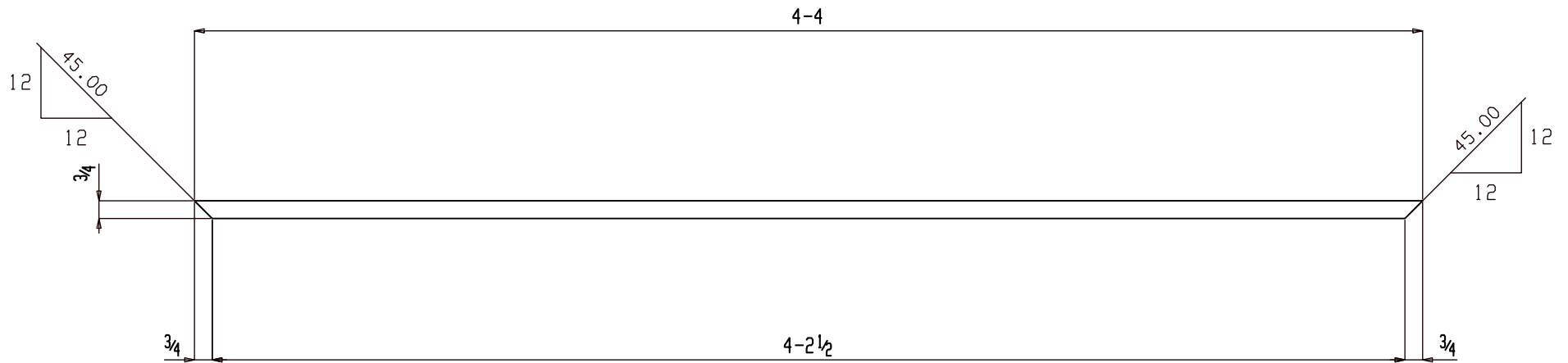
For Fabrication

HOLES U.N. 13/16Ø

JOB NAME:	PARK SUBSTATION	DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA	SCALE:	N.A.		
CONTRACTOR:	LINEWORKS, LLC	DATE:	07-19-22		
DESCRIPTION:	PLATE	JOB NUMBER	149	SHEET NO.	p105
		REV			0

△			
△			
△			
△	For Fabrication	ALN	07-26-22
REV.	DESCRIPTION	BY	DATE





ONE PL 1/2 x 3/4 x 4-4 p110

GRADE: A36

NO PAINT

1	FR102
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME: PARK SUBSTATION

LOCATION: ALASKA

CONTRACTOR: LINEWORKS, LLC

DESCRIPTION: PLATE

DR. BY: PKM | CHK. BY: ALN

SCALE: N.A.

DATE: 07-19-22

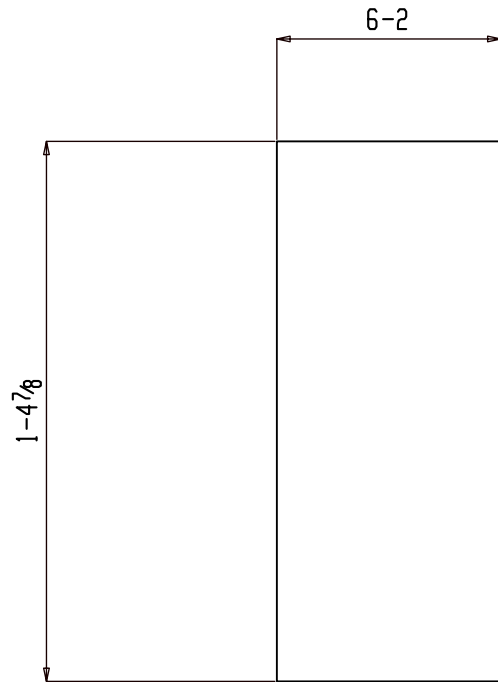
JOB NUMBER | SHEET NO. | REV

149

p110

0

REV.	DESCRIPTION	BY	DATE
0	For Fabrication	ALN	07-26-22



ONE PL 1/2 x 16 7/8 x 6-2 p111

GRADE: A36

ALUMINUM

1	M109
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME: PARK SUBSTATION

DR. BY: PKM | CHK. BY: ALN

LOCATION: ALASKA

SCALE: N.A.

CONTRACTOR: LINEWORKS, LLC

DATE: 07-19-22

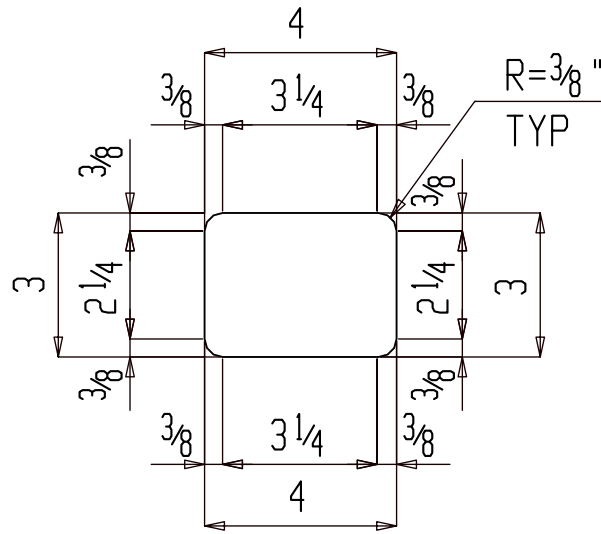
For Fabrication

ALN 07-26-22  
BY DATE

DESCRIPTION: PLATE

JOB NUMBER	SHEET NO.	REV
149	p111	0

REV.	DESCRIPTION	BY	DATE
0	For Fabrication	ALN	07-26-22



2 PL  $\frac{1}{4}$ x3x0-4 p133

GRADE: A36

NO PAINT

2	M110
QTY	ASSY

For Fabrication

HOLES U.N.  $\frac{13}{16}\varnothing$

JOB NAME: PARK SUBSTATION

DR. BY: PKM | CHK. BY: ALN

LOCATION: ALASKA

SCALE: N.A.

CONTRACTOR: LINEWORKS, LLC

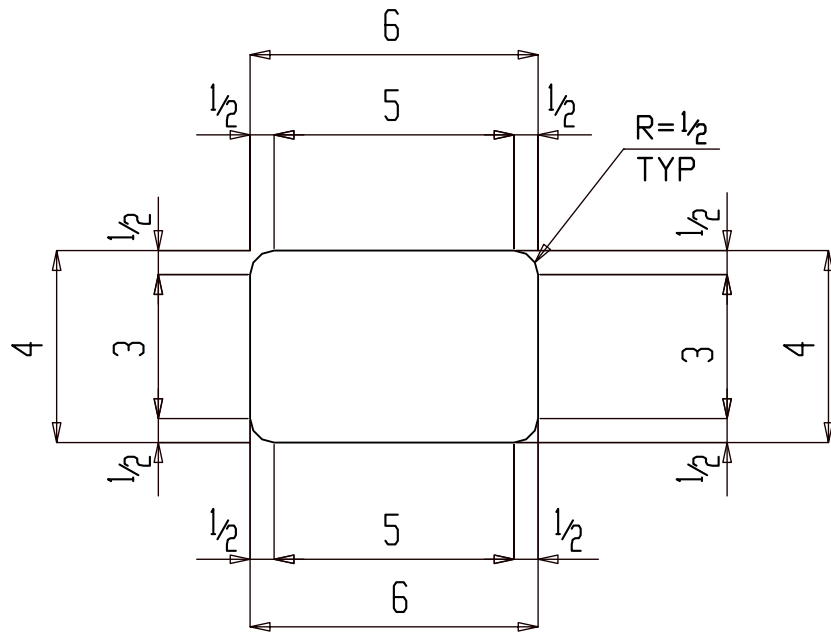
DATE: 07-19-22

DESCRIPTION: PLATE

JOB NUMBER | SHEET NO. | REV

149 | p133 |  $\triangle$

REV.	DESCRIPTION	ALN BY	07-26-22 DATE
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$\triangle$			
$\triangle$			
$\triangle$	For Fabrication	ALN	07-26-22



2 PL 1/4 x 4 x 0-6 p137

GRADE: A36

NO PAINT

2	M111
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME: PARK SUBSTATION

DR. BY: PKM | CHK. BY: ALN

LOCATION: ALASKA

SCALE: N.A.

CONTRACTOR: LINEWORKS, LLC

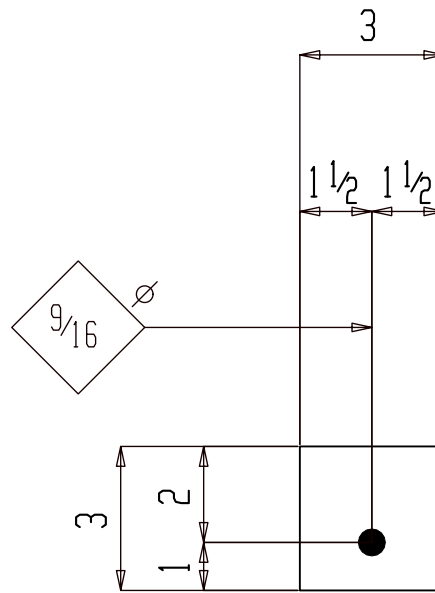
DATE: 07-19-22

DESCRIPTION: PLATE

JOB NUMBER	SHEET NO.	REV
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149	p137	△
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REV.	DESCRIPTION	BY	DATE
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△			
△			
△	For Fabrication	ALN	07-26-22



6 PL  $\frac{1}{4}$ x3x0-3 p146

GRADE: A36

NO PAINT

2	GR104
4	GR105
QTY	ASSY

For Fabrication

HOLES U.N.  $\frac{13}{16}\emptyset$

JOB NAME: PARK SUBSTATION

DR. BY: PKM | CHK. BY: ALN

LOCATION: ALASKA

SCALE: N.A.

CONTRACTOR: LINEWORKS, LLC

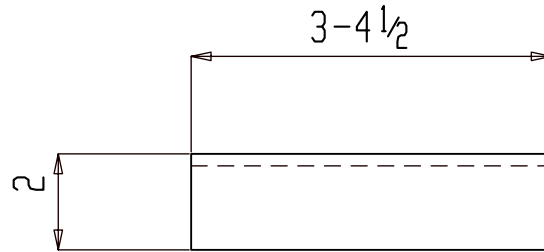
DATE: 07-19-22

DESCRIPTION: PLATE

JOB NUMBER | SHEET NO. | REV

149 | p146 |  $\frac{0}{1}$

$\frac{0}{1}$	For Fabrication	ALN	07-26-22
REV.	DESCRIPTION	BY	DATE



ONE L2x2x $\frac{1}{4}$ x3-4 $\frac{1}{2}$  p152

GRADE: A36

NO PAINT

1	M111
QTY	ASSY

For Fabrication

HOLES U.N.  $\frac{13}{16}\varnothing$

JOB NAME: PARK SUBSTATION

DR. BY: PKM | CHK. BY: ALN

LOCATION: ALASKA

SCALE: N.A.

CONTRACTOR: LINEWORKS, LLC

DATE: 07-19-22

DESCRIPTION: ANGLE

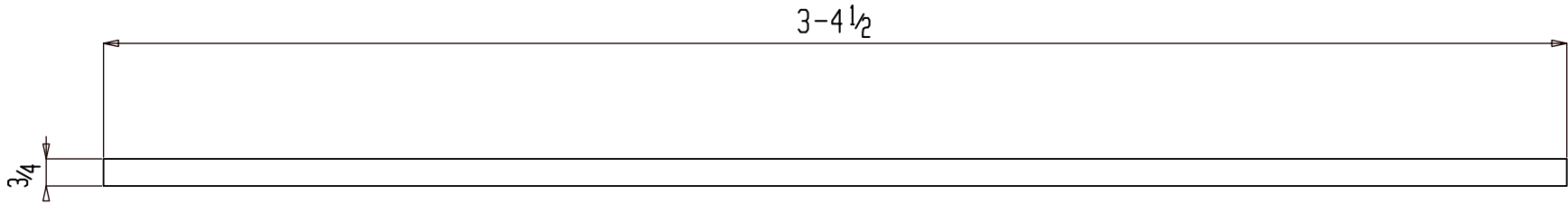
JOB NUMBER	SHEET NO.	REV
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149

p152



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△			
△			
△			
△	For Fabrication	ALN	07-26-22
REV.	DESCRIPTION	BY	DATE



ONE PL 1/2 x 3/4 x 3-4 1/2 p154

GRADE: A36

NO PAINT

1	M111
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME: PARK SUBSTATION

LOCATION: ALASKA

CONTRACTOR: LINEWORKS, LLC

DESCRIPTION: PLATE

DR. BY: PKM | CHK. BY: ALN

SCALE: N.A.

DATE: 07-19-22

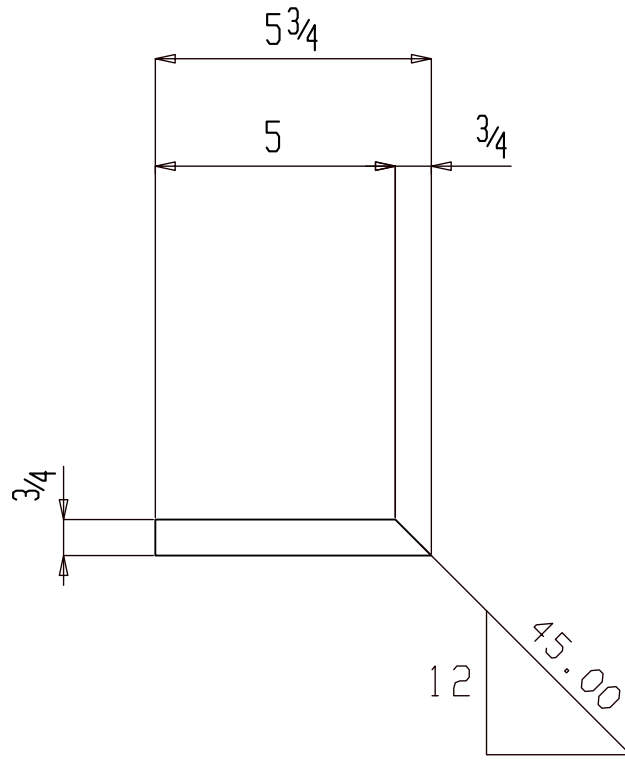
JOB NUMBER | SHEET NO. | REV

149

p154

0

REV.	DESCRIPTION	BY	DATE
0	For Fabrication	ALN	07-26-22



2 PL 1/2 x 3/4 x 0-5 3/4 p158

GRADE: A36

NO PAINT

1	FR101
1	FR103
QTY	ASSY

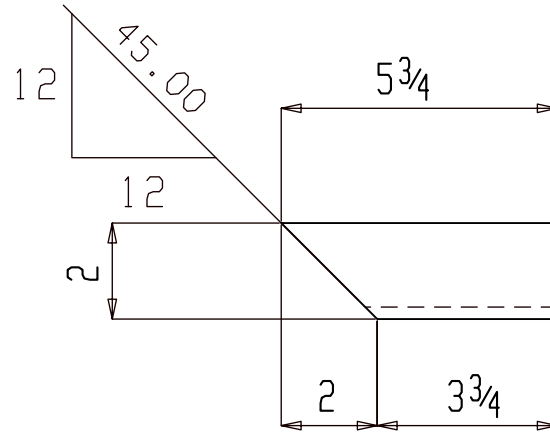
For Fabrication

HOLES U.N. 13/16Ø

JOB NAME:	PARK SUBSTATION	DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA	SCALE: N.A.			
CONTRACTOR:	LINEWORKS, LLC	DATE: 07-19-22			
DESCRIPTION:	PLATE	JOB NUMBER	SHEET NO.	REV	
		149	p158		△

△			
△			
△			
△	For Fabrication	ALN	07-26-22
REV.	DESCRIPTION	BY	DATE





ONE L2x2x1/4x0-5 3/4 p161

GRADE: A36

NO PAINT

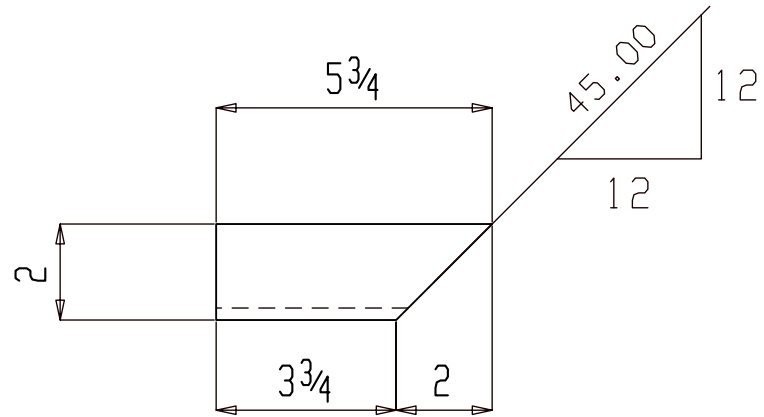
1	FR101
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME:	PARK SUBSTATION	DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA	SCALE: N.A.			
CONTRACTOR:	LINEWORKS, LLC	DATE: 07-19-22			
DESCRIPTION:	ANGLE	JOB NUMBER	149	SHEET NO.	p161
		REV			△

REV.	DESCRIPTION	BY	DATE
△			
△			
△			
△	For Fabrication	ALN	07-26-22



ONE L2x2x1/4x0-5 3/4 p165

GRADE: A36

NO PAINT

1	FR103
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME: PARK SUBSTATION

LOCATION: ALASKA

CONTRACTOR: LINEWORKS, LLC

DESCRIPTION: ANGLE

DR. BY: PKM | CHK. BY: ALN

SCALE: N.A.

DATE: 07-19-22

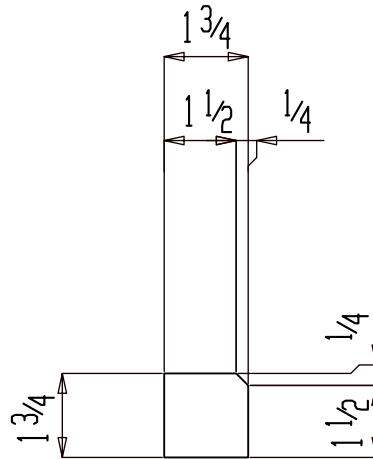
JOB NUMBER | SHEET NO. | REV

149

p165

0

REV.	DESCRIPTION	ALN BY	07-26-22 DATE
0	For Fabrication		



2 PL 1/4 x 1 3/4 x 0-1 3/4 p166

GRADE: A36

NO PAINT

1	FR101
1	FR103
<b>QTY</b>	<b>ASSY</b>

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME: PARK SUBSTATION

DR. BY: AKM | CHK. BY: ALN

LOCATION: ALASKA

SCALE: N.A.

CONTRACTOR: LINEWORKS, LLC

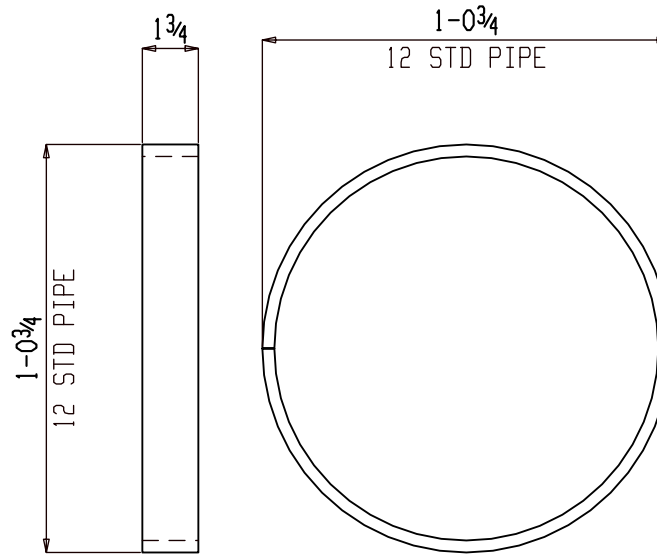
DATE: 07-19-22

DESCRIPTION: PLATE

JOB NUMBER | SHEET NO. | REV

149 | p166 | △

REV.	DESCRIPTION	BY	DATE
△			
△			
△			
△	For Fabrication	ALN	07-26-22



ONE PIPE 12 STDx0-1<sup>3</sup>/<sub>4</sub> t11

GRADE: A53B

NO PAINT

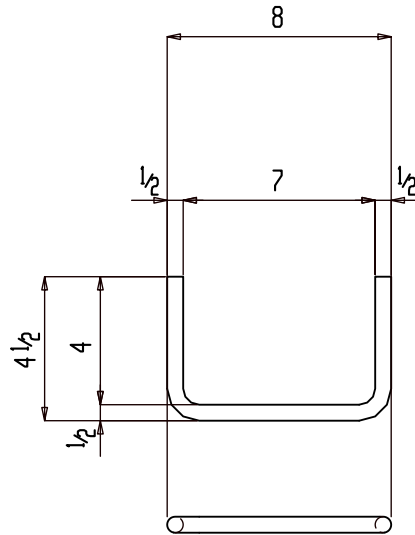
1	GR103
QTY	ASSY

For Fabrication

HOLES U.N. 13/16Ø

JOB NAME:	REED SUBSTATION	DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA	SCALE: N.A.			
CONTRACTOR:	LINEWORKS, LLC	DATE: 06-20-22			
DESCRIPTION:	PIPE	JOB NUMBER	SHEET NO.	REV	
		148	t11		0

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△			
△			
△	For Fabrication	ALN	07-26-22
REV.	DESCRIPTION	BY	DATE



2 RB $1\frac{1}{2} \times 1 - 3\frac{5}{16}$  t $\frac{1}{2}$

GRADE: A36

ALUMINIUM

2	M109
QTY	ASSY

For Fabrication

HOLES U.N.  $1\frac{3}{16}\varnothing$

JOB NAME:	REED SUBSTATION	DR. BY:	PKM	CHK. BY:	ALN
LOCATION:	ALASKA	SCALE: N.A.			
CONTRACTOR:	LINEWORKS, LLC	DATE: 06-20-22			
DESCRIPTION:	ROUND BAR	JOB NUMBER	148	SHEET NO.	t32
		REV			$\triangle 0$

$\triangle$			
$\triangle$			
$\triangle$			
$\triangle 0$	For Fabrication	ALN	07-26-22
REV.	DESCRIPTION	BY	DATE