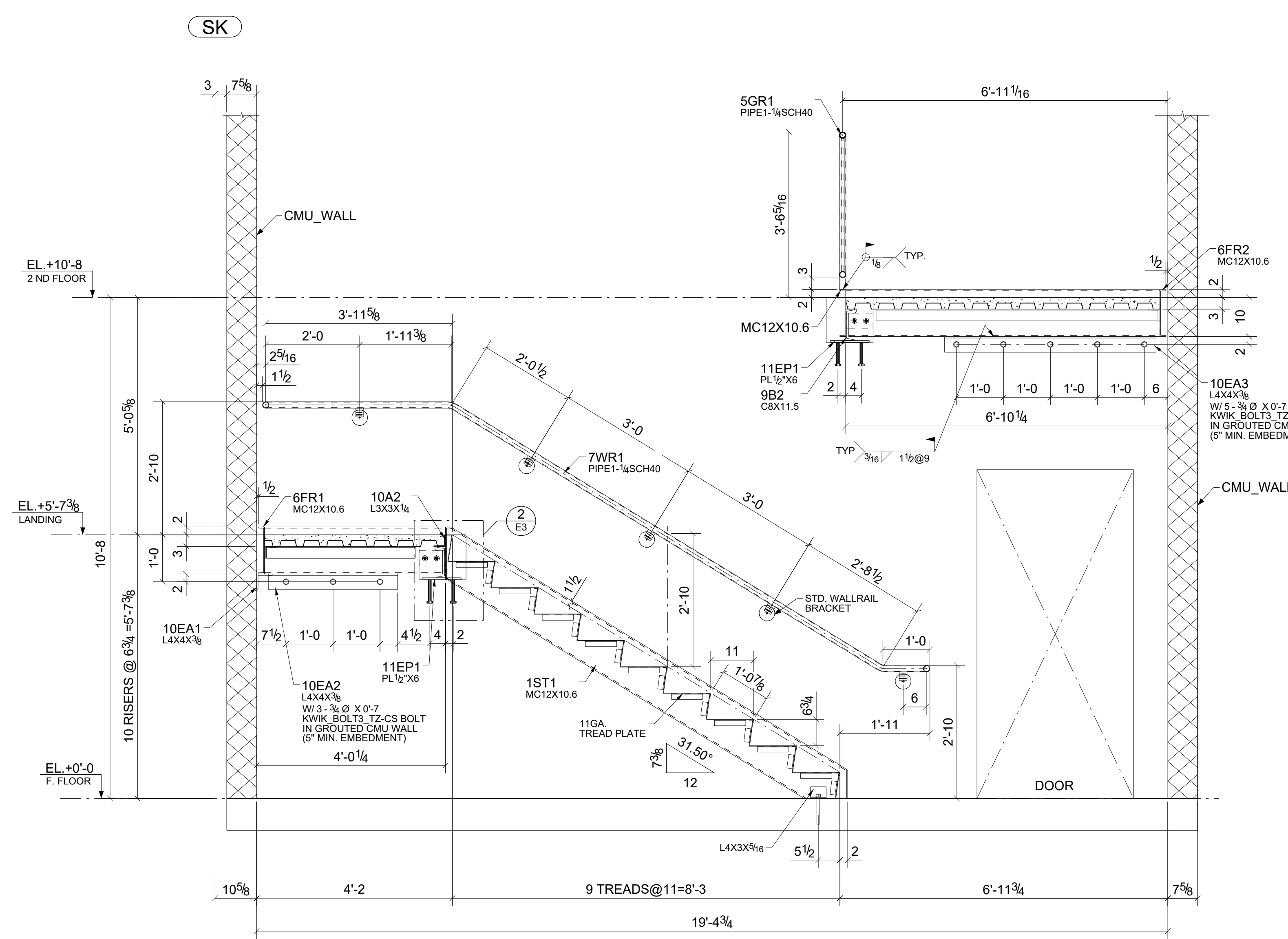
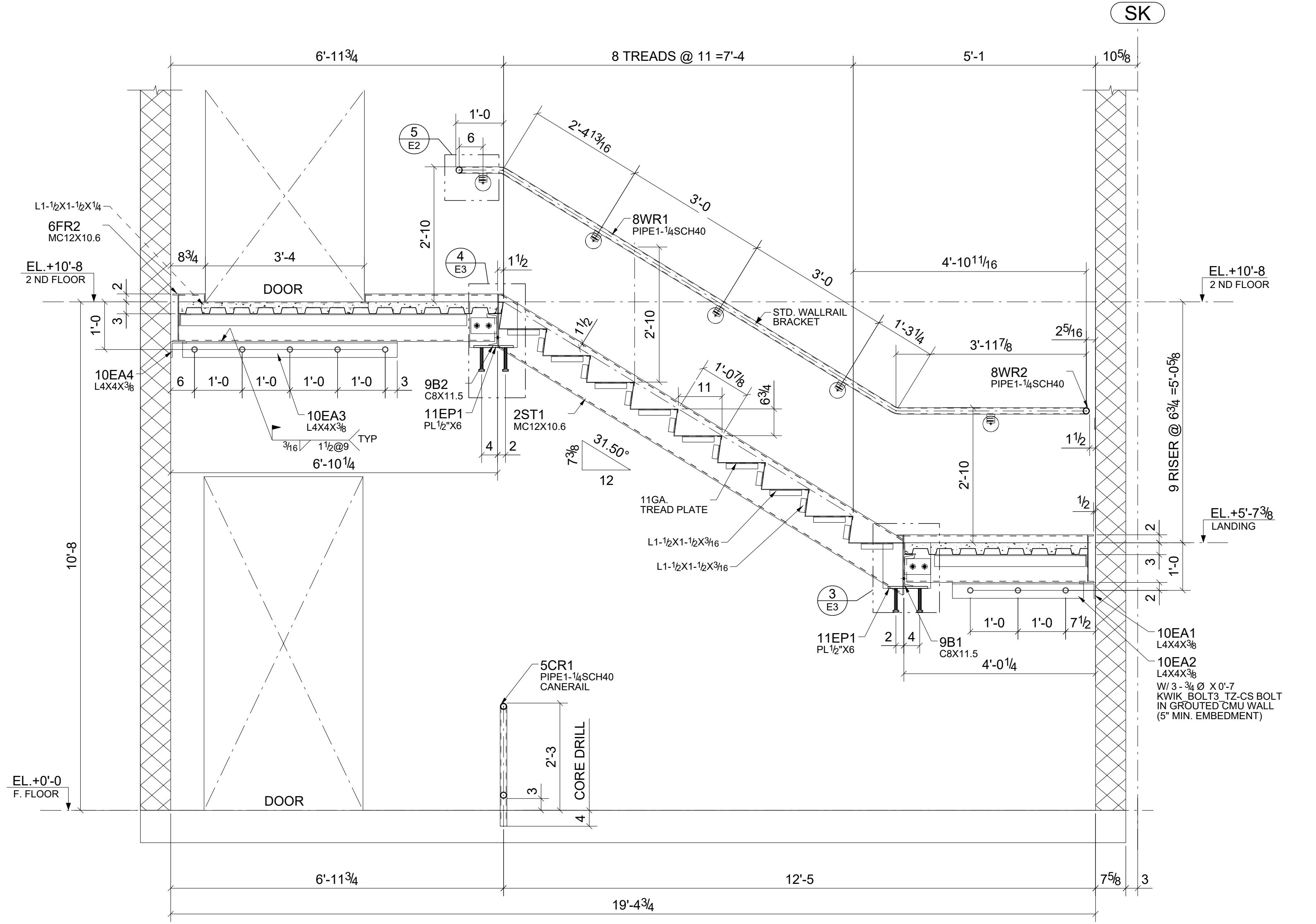


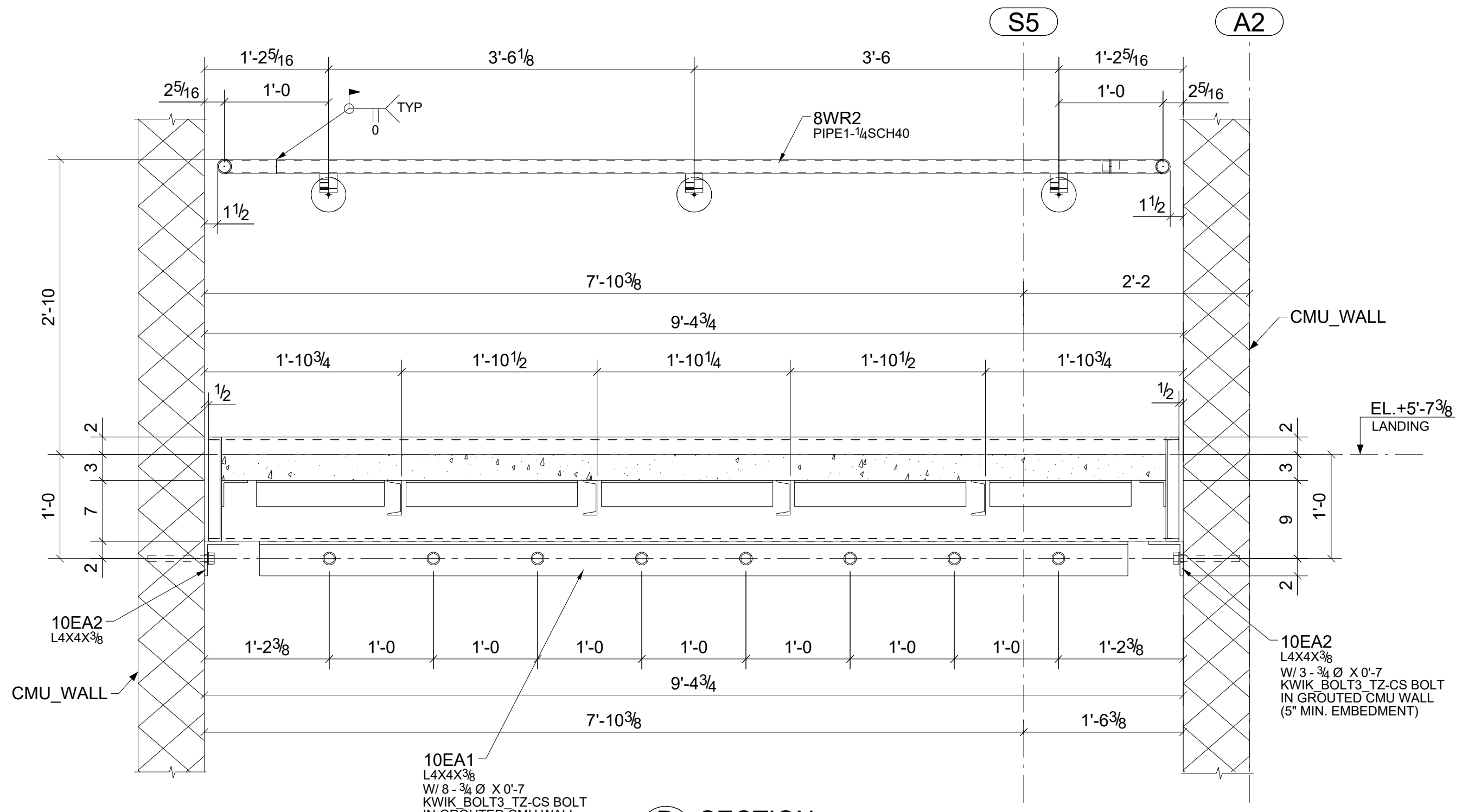
0	For Fabrication	12/20/2022	C. K.	I. A.
A	For Approval	09/19/2022	C. K.	I. A.
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				
MATERIAL: A36 (U.N.O.)		ELECTRODES: AWS E70XX		REF. DRG.
HOLES: 13/16 DIA. UN		CONNS: 3/4" Ø BOLTS (U.N.O.)		S1.1A1 & A4.5A
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER				
DESCRIPTION: STAIR-01 PLAN & SECTION				
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS				
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048				
CONTRACTOR				
DRAWN BY C. K.		DATE 07/23/2020		
CHKD. BY I. A.		DATE 09/18/2022		
JOB No.	DRG. No.	REV.		
.....	E1	0		



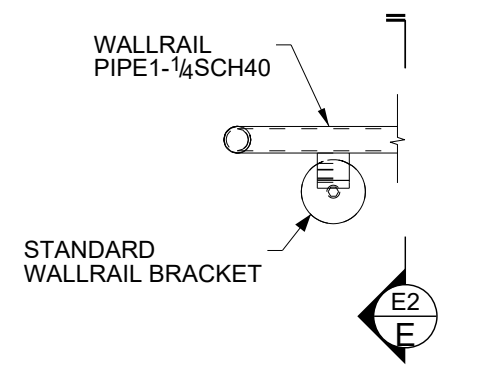
B SECTION
E1 (8/A4.5A)



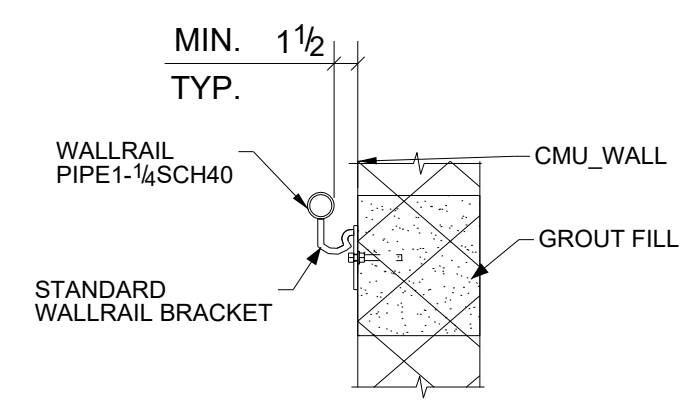
C SECTION
E1 (8/A4.5A)



D SECTION
E1 (A4.5A)



5 DETAIL
E2 (1/A4.5A)

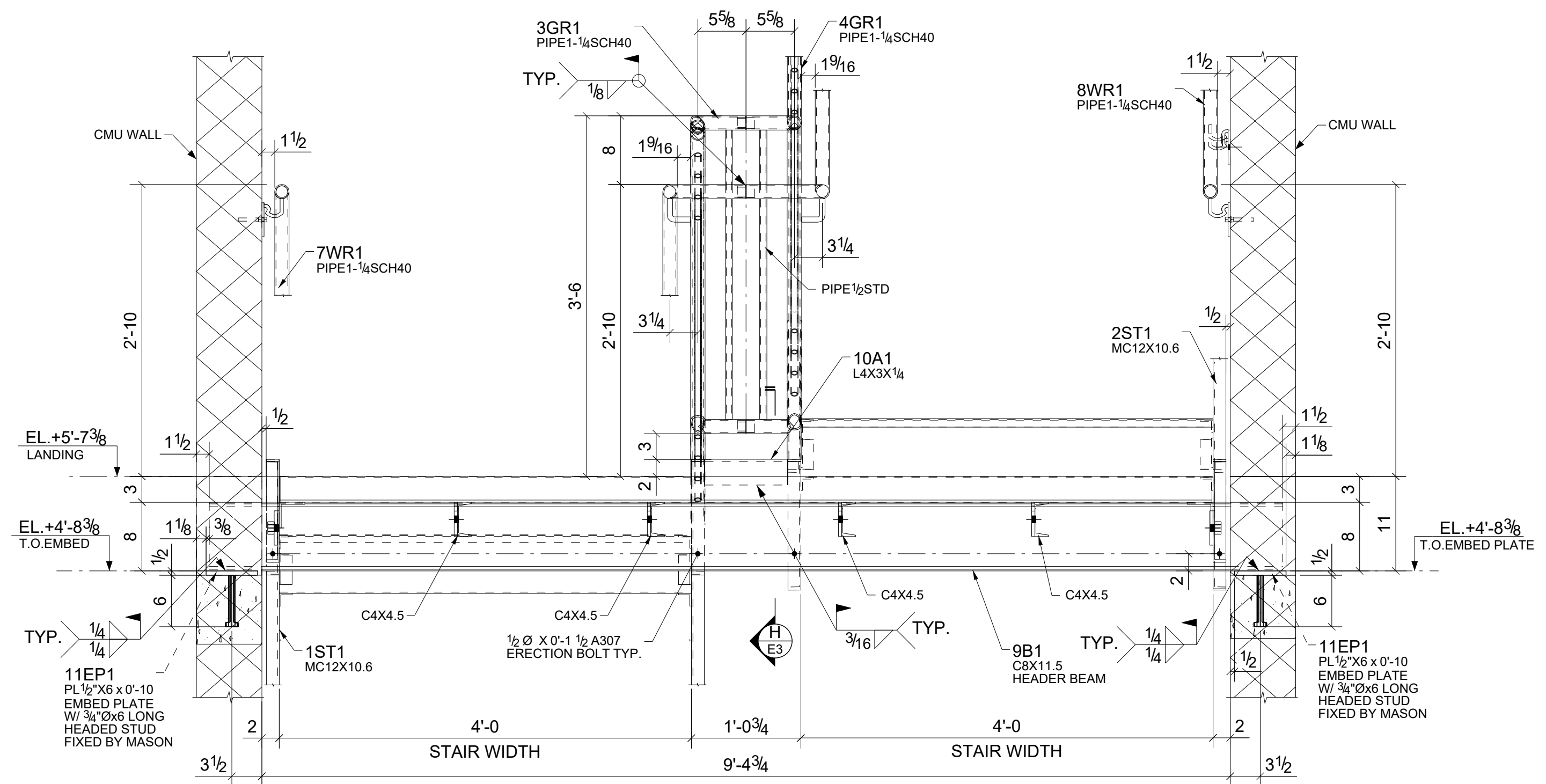


E SECTION
E2 (1/A4.5A)

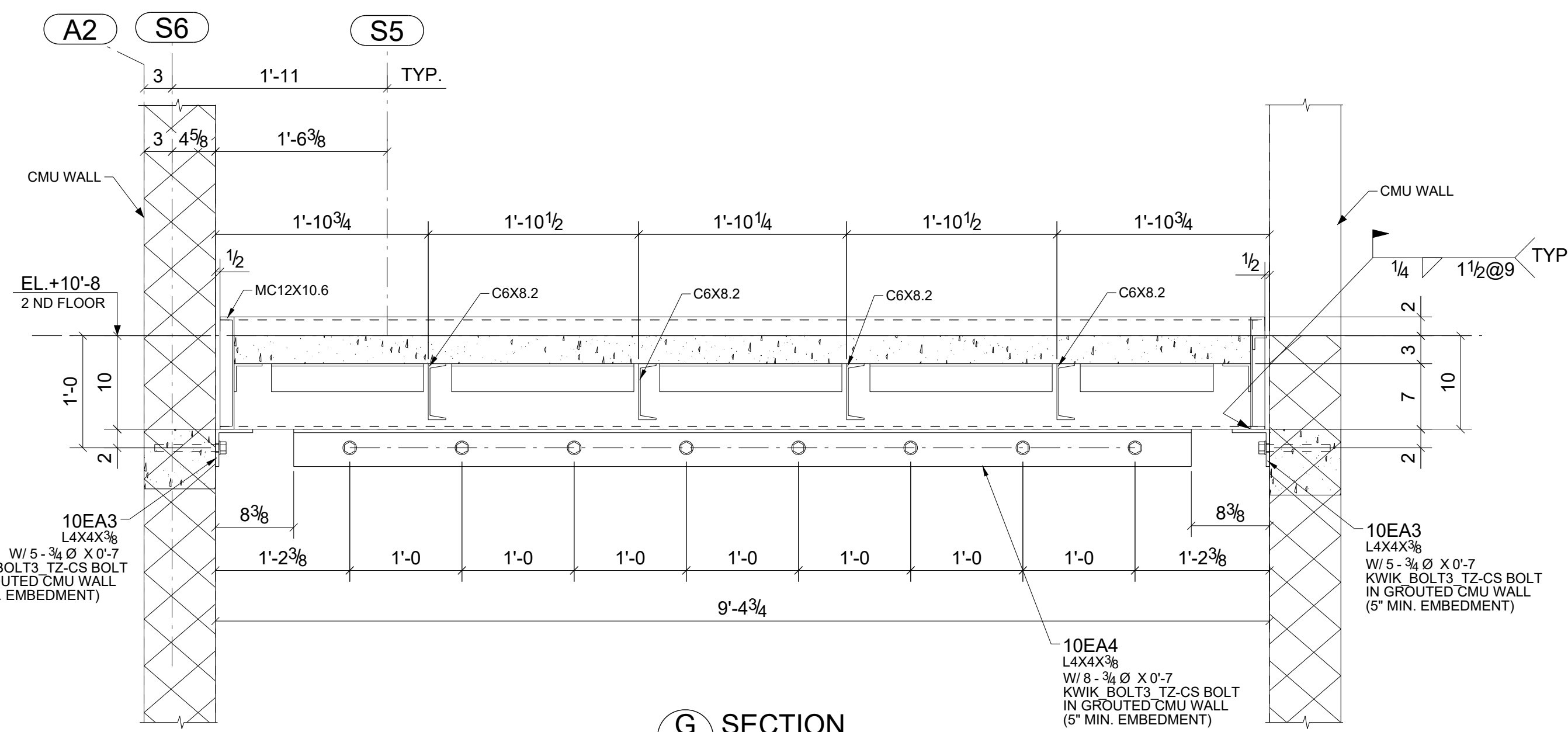
REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	C. K.	I. A.
A	For Approval	09/19/2022	C. K.	I. A.

GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	SHOP
HOLES: 13/16 DIA. UN	CONN'S: 3/4" Ø BOLTS (U.N.O.)	APPROVAL
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER		
DESCRIPTION: STAIR-01 SECTION		
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		

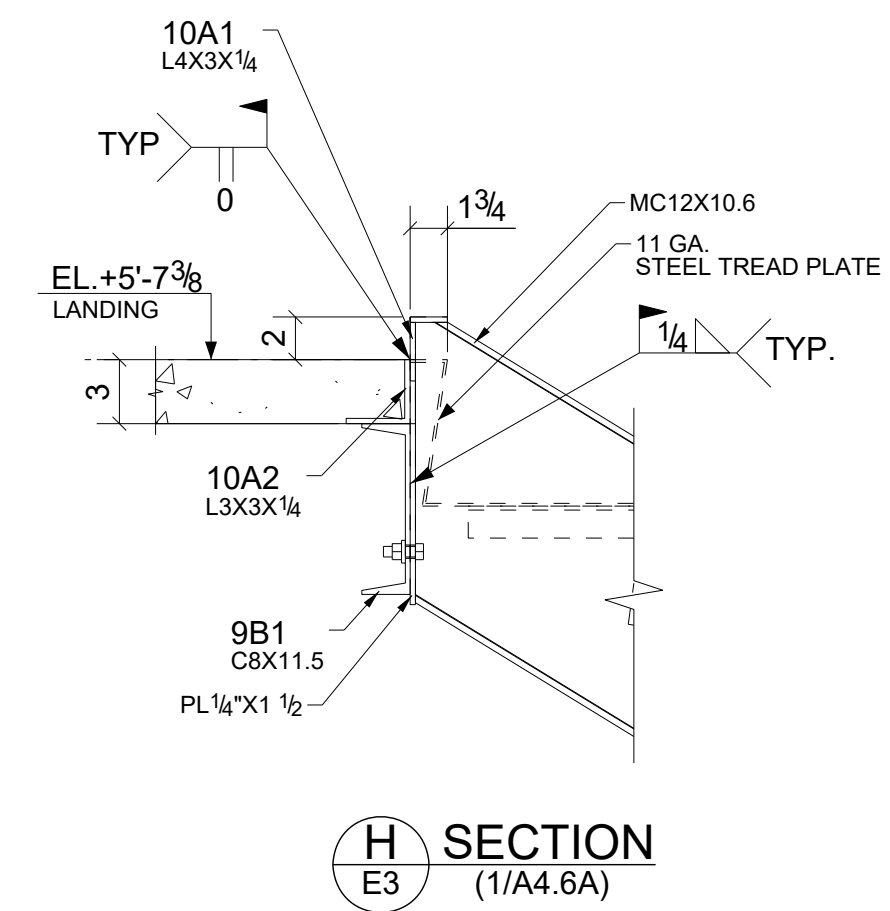
DATE	BY
09/04/2022	DRAWN BY C. K.
09/18/2022	CHKD. BY I. A.
	JOB No.
	DRG. No. E2
	REV. 0



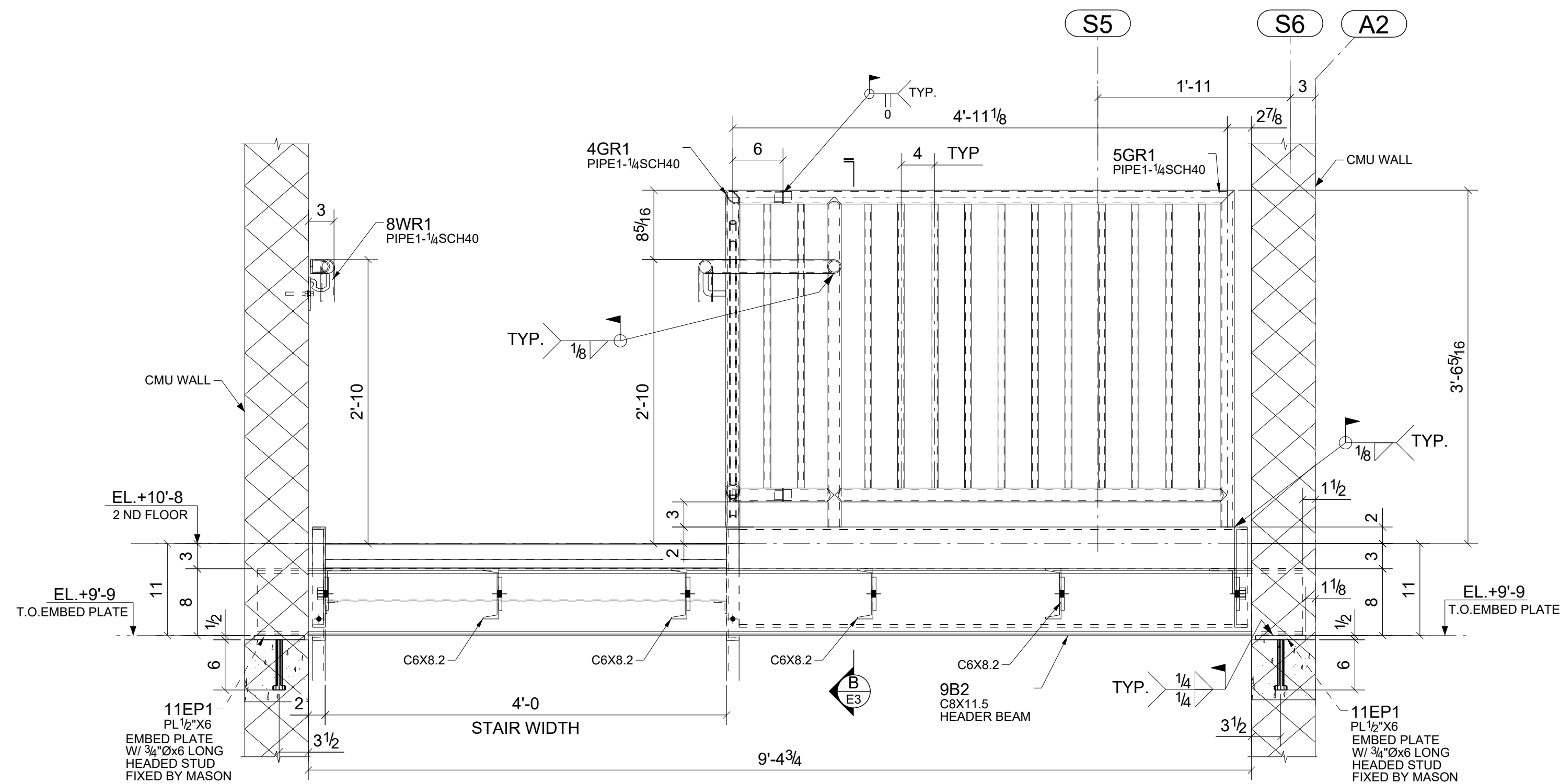
E SECTION
E1 (A4.5A)



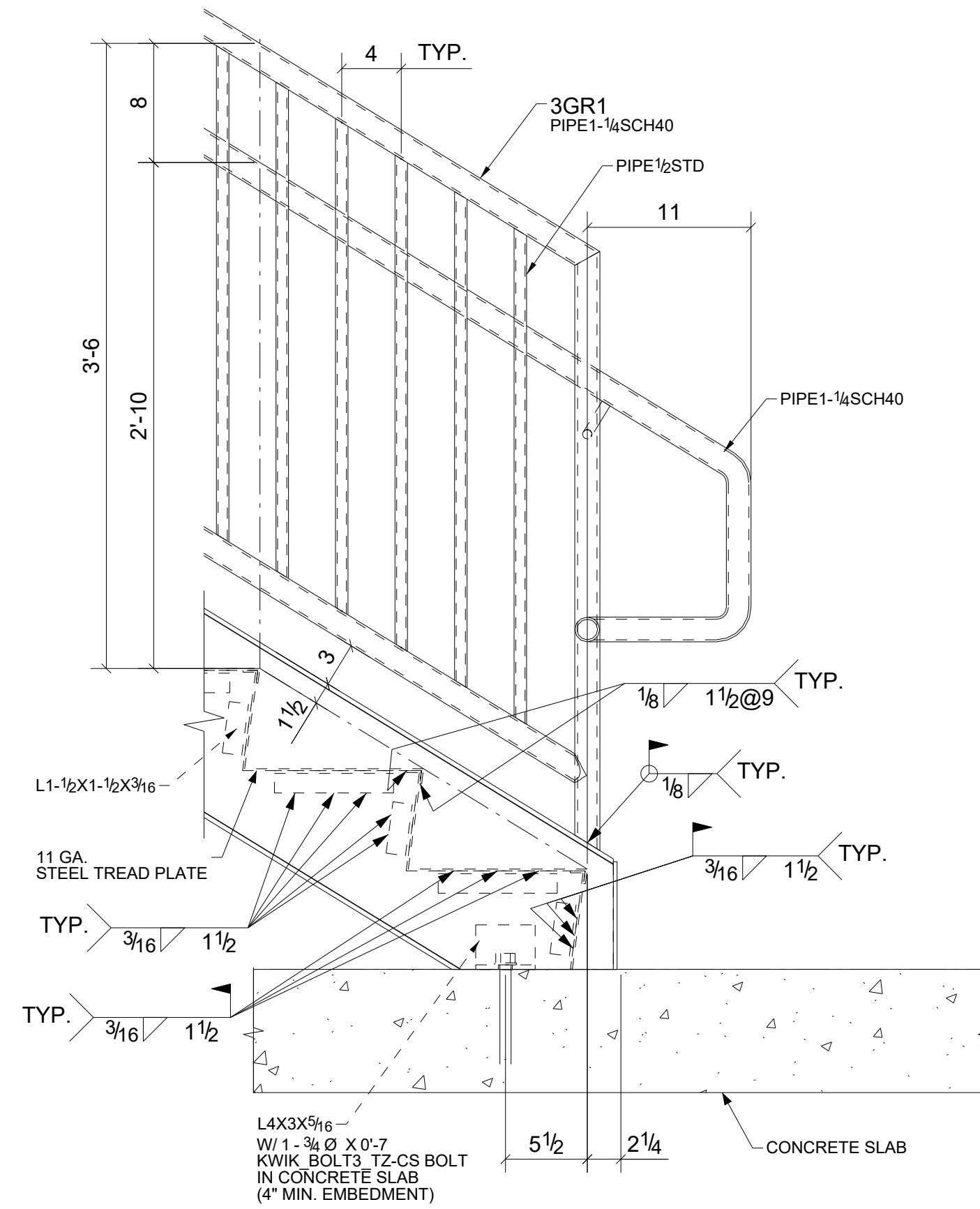
G SECTION
E1 (A4.5A)



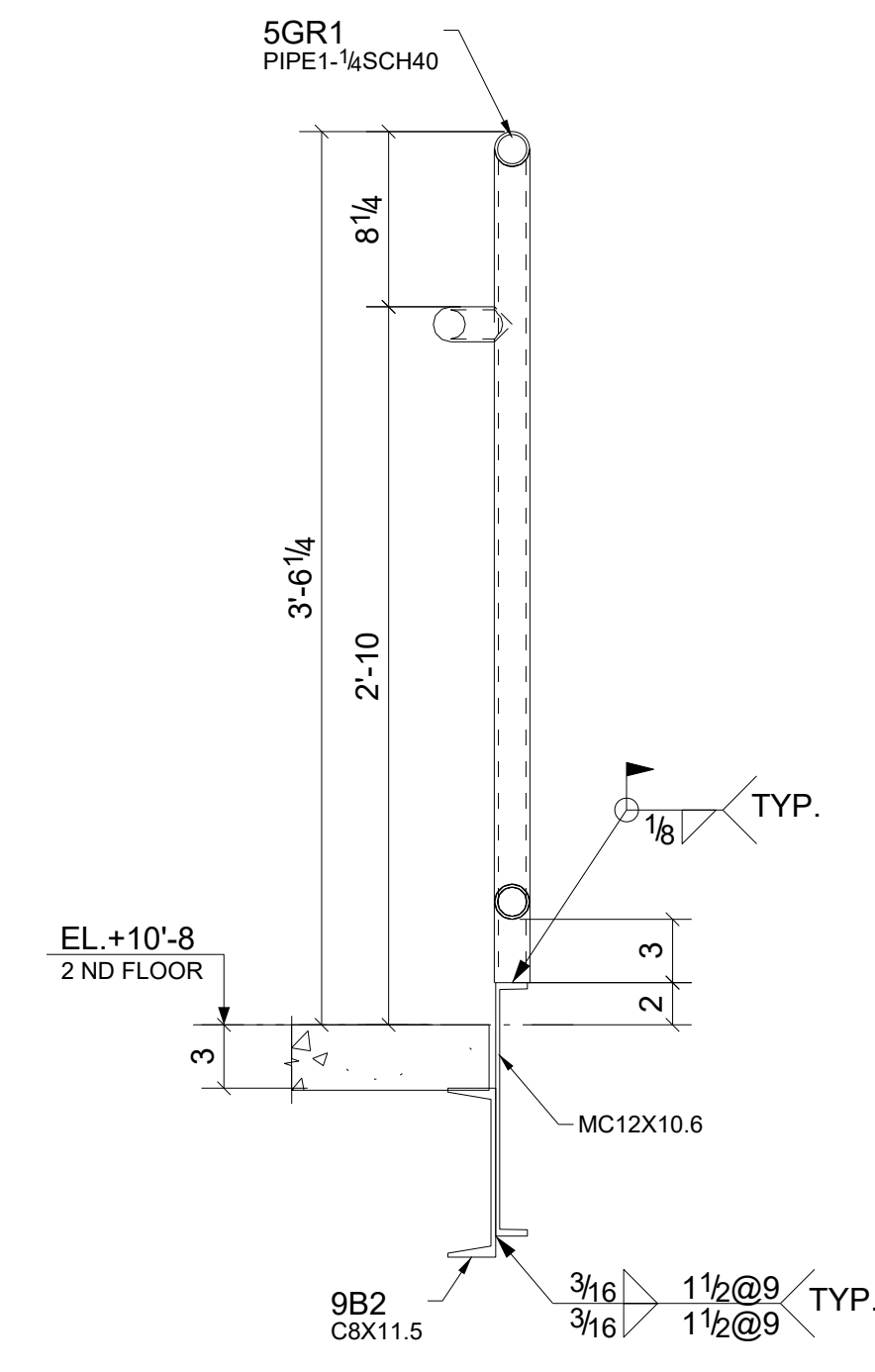
H SECTION
E3 (1/A4.6A)



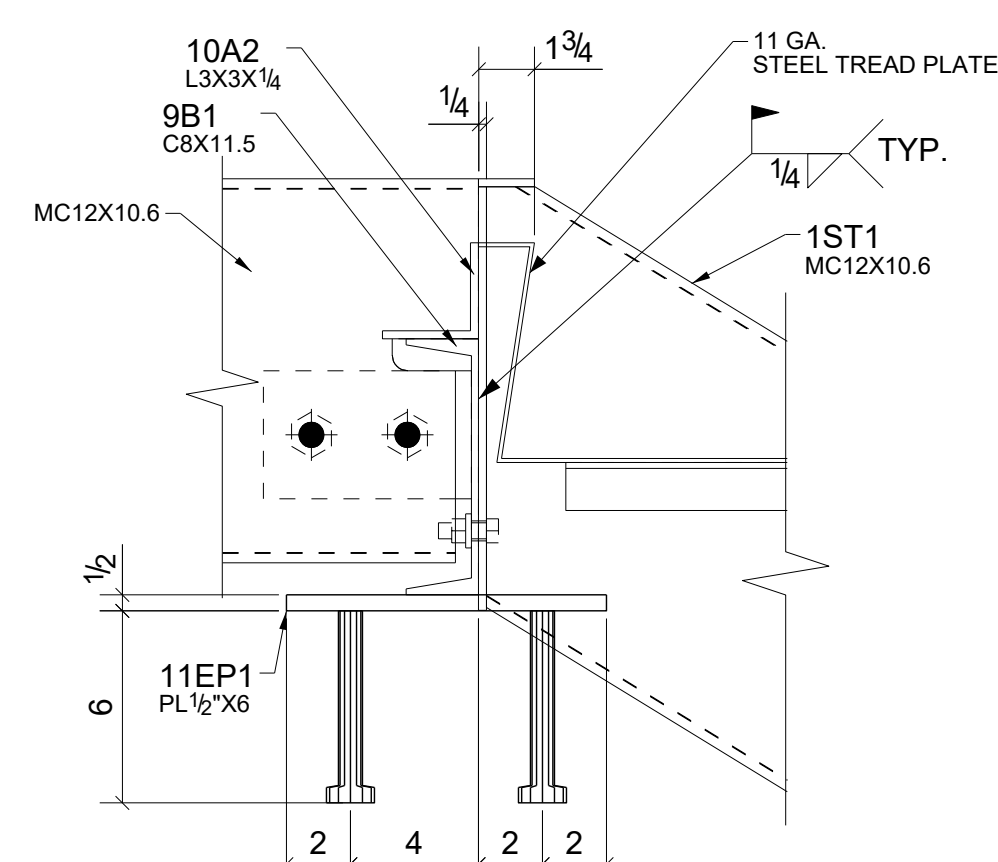
F SECTION
E1 (A4.5A)



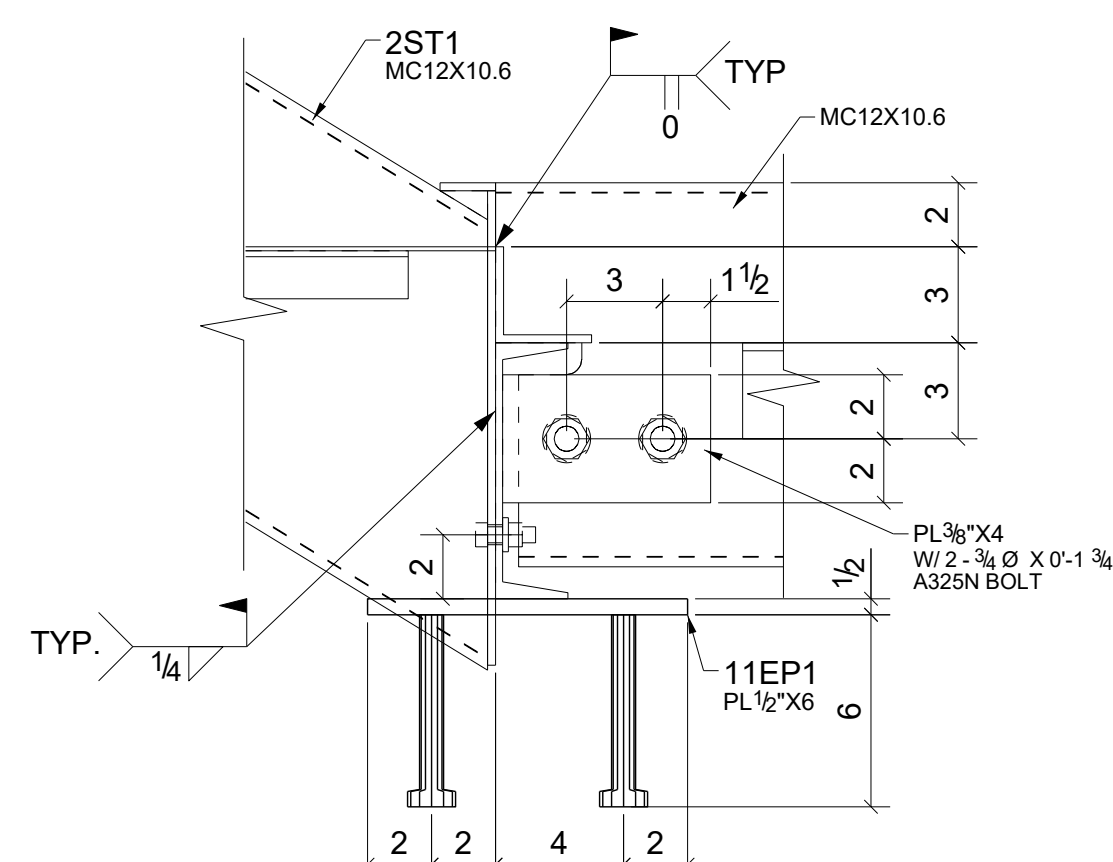
1 DETAIL
E1 (2/A4.5A)



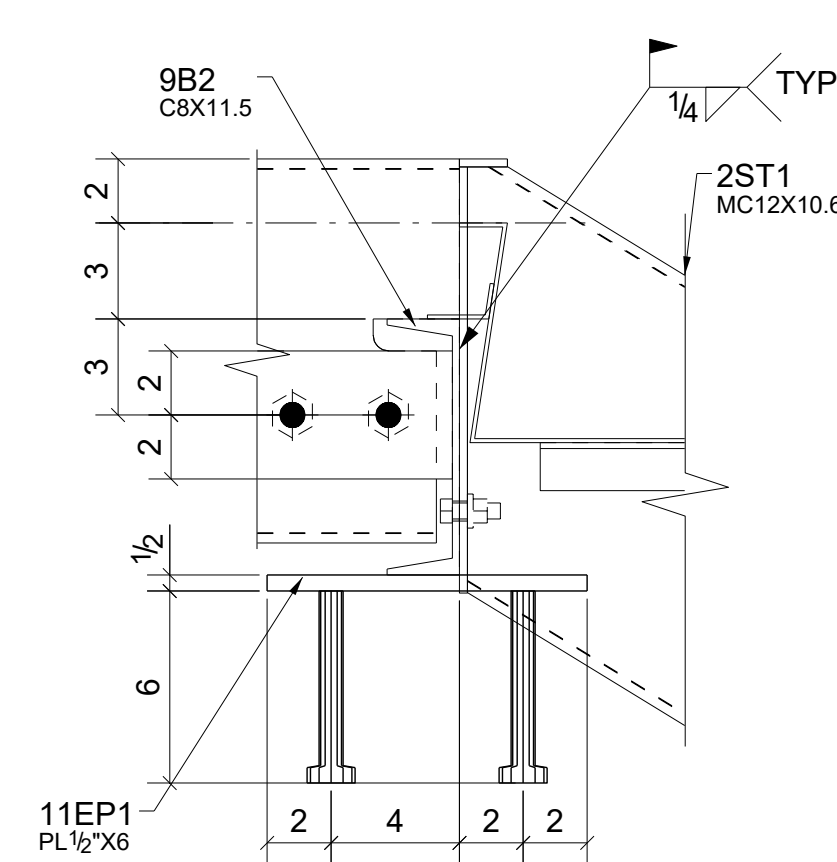
B SECTION
E3 (A4.5A)



2 DETAIL
E2 (1/A4.6A)



3 DETAIL
E2 (1/A4.6A)

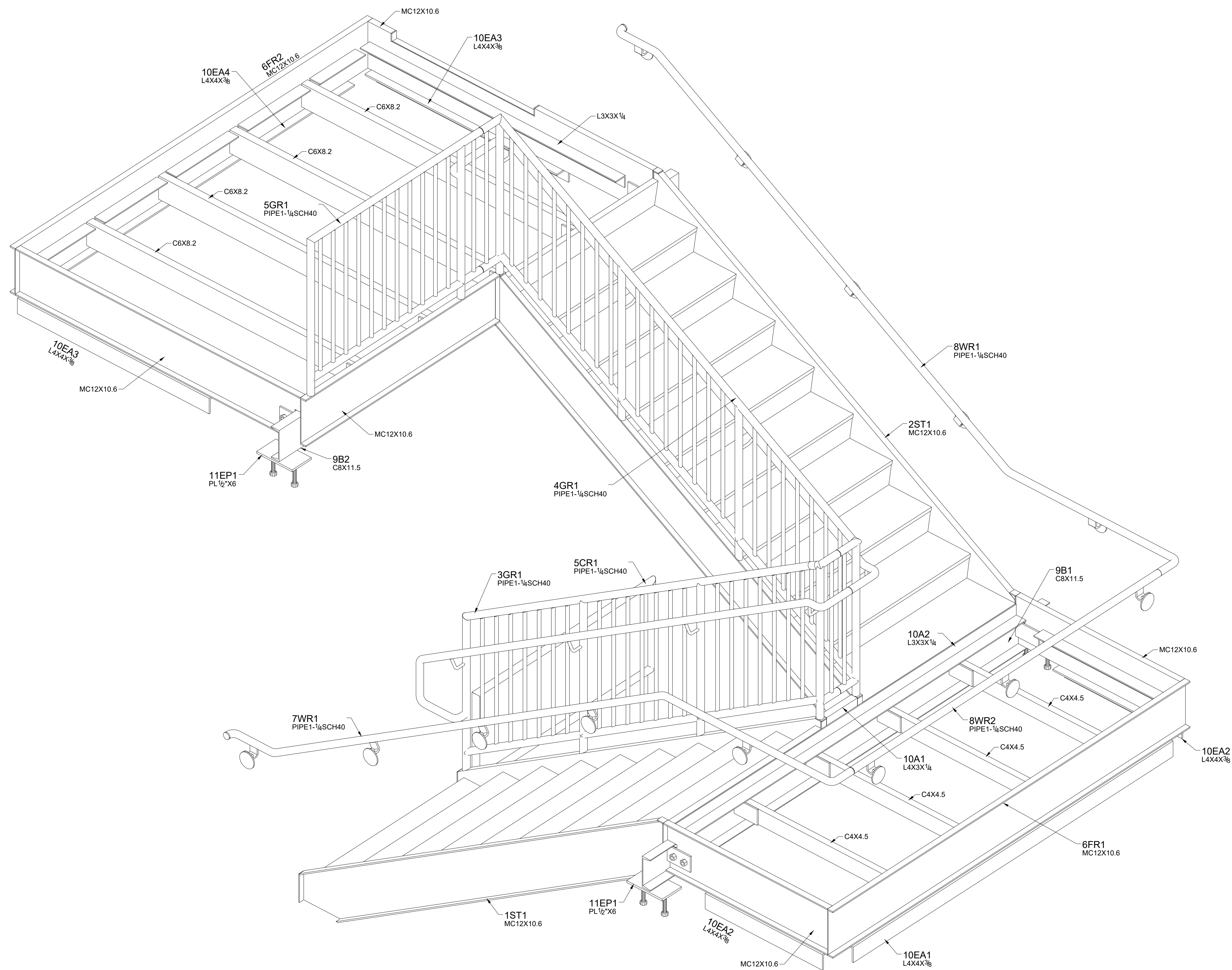


4 DETAIL
E2 (3/A4.5A)

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	C. K.	I. A.
A	For Approval	09/19/2022	C. K.	I. A.

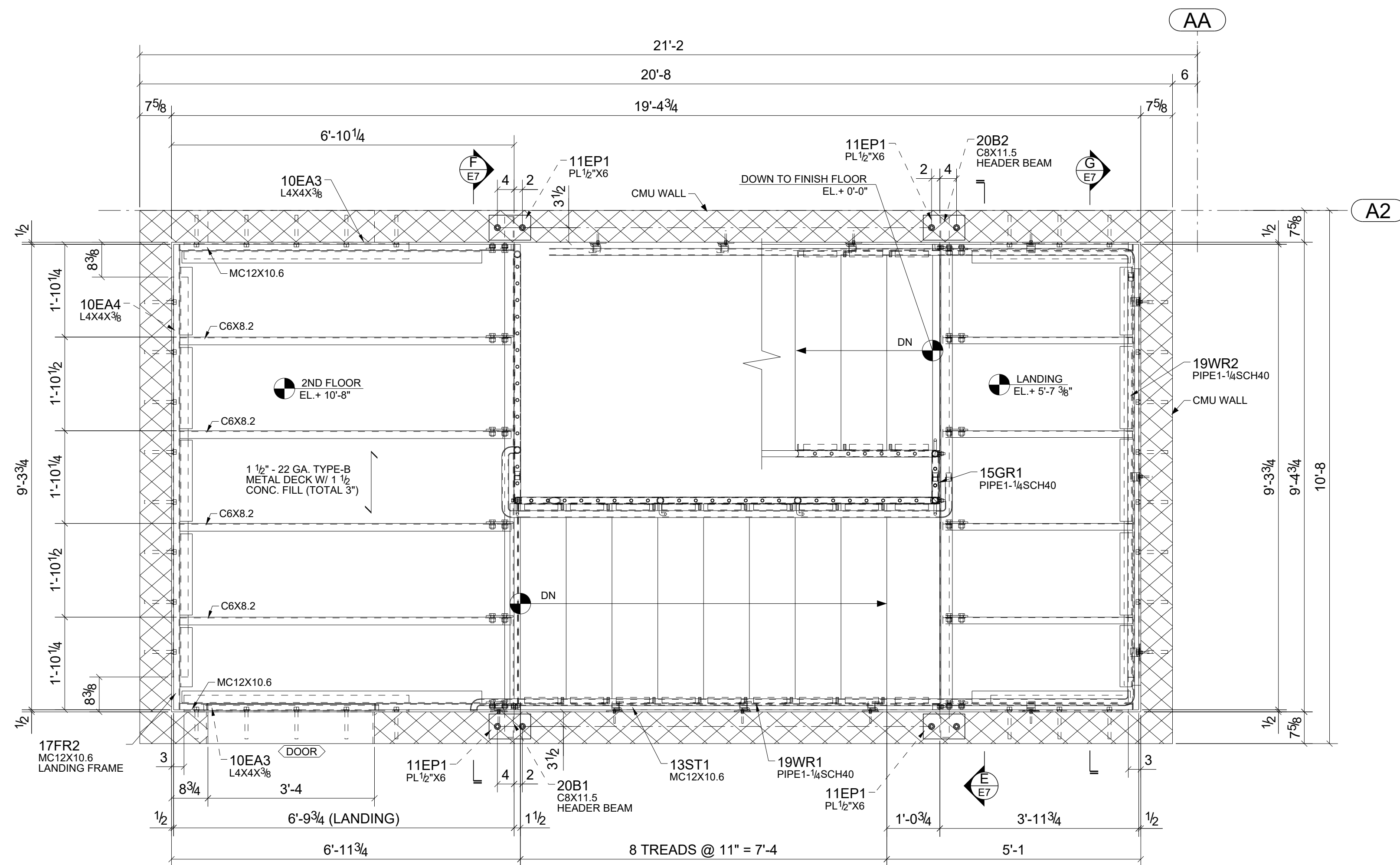
GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	S1.1A1 & A4.5A
SURFACE PREP:		SHOP
AND PAINT:		APPROVAL
SSPC-SP3		
TNEMEC#99 PRIMER		
DESCRIPTION: STAIR-01 SECTION		
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		

DATE	BY
12/20/2022	C. K.
09/18/2022	I. A.
09/18/2022	I. A.
09/18/2022	I. A.

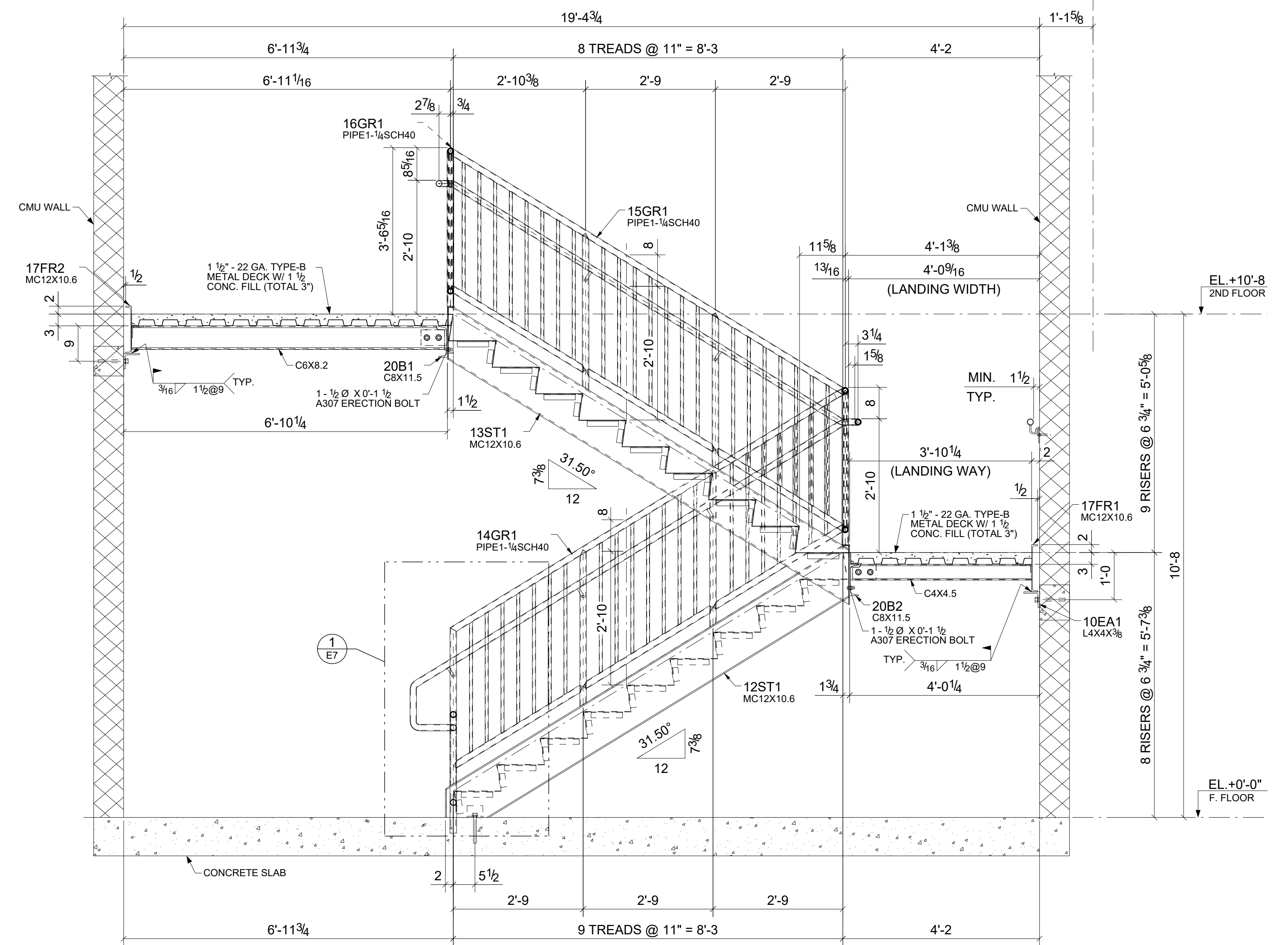


STAIR-01 ISOMETRIC VIEW
(S1.1A2 & A4.5A)

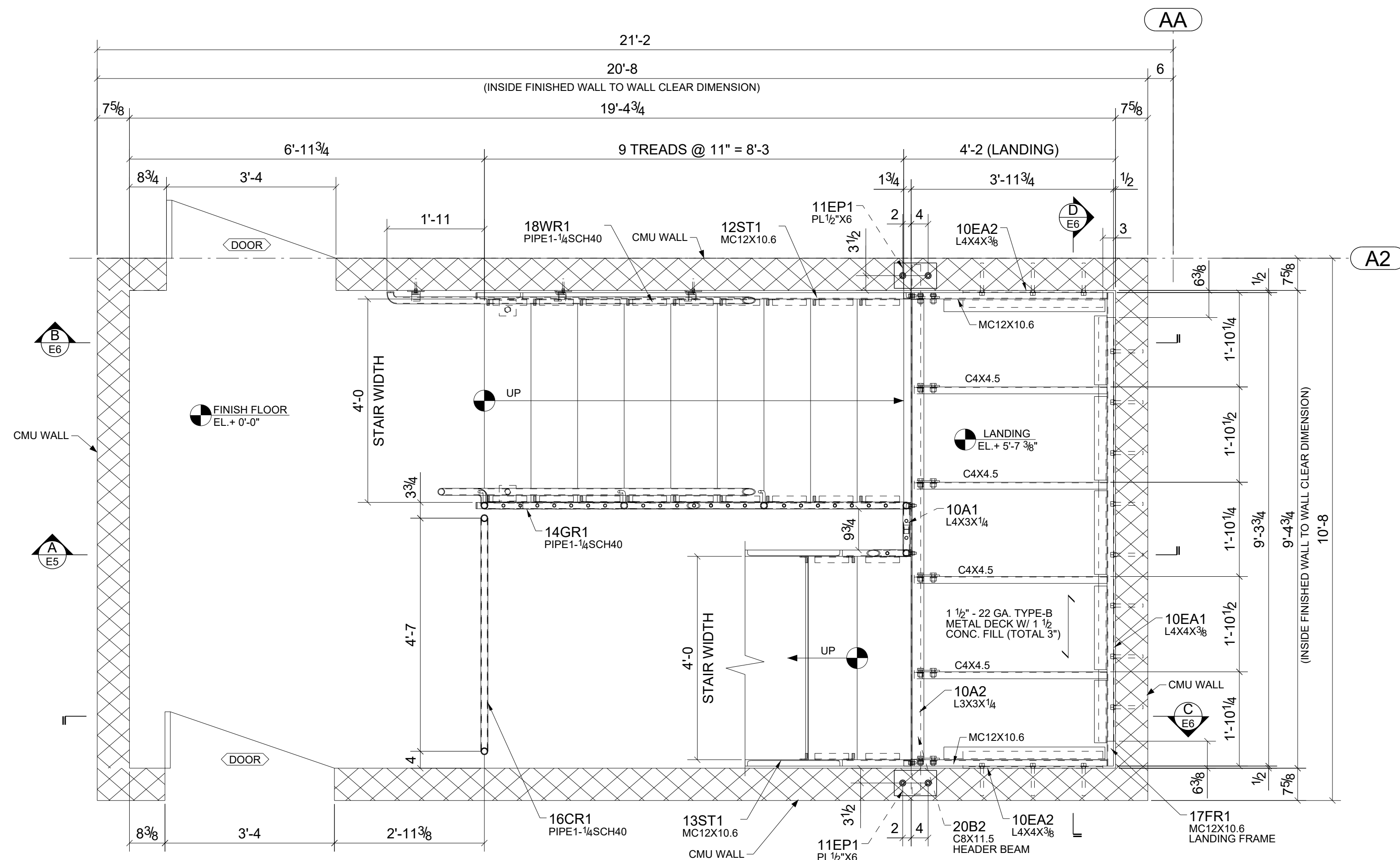
0	For Fabrication	12/20/2022	C. K.	I. A.
A	For Approval	09/19/2022	C. K.	I. A.
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				
MATERIAL: A36 (U.N.O.)		ELECTRODES: AWS E70XX	REF. DRG.	JOB USE
HOLES: 13/16 DIA. UN		CONNYS: 3/4" Ø BOLTS (U.N.O.)	S1.1A1 & A4.5A	SHOP
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER				APPROVAL
DESCRIPTION: STAIR-01 ISOMETRIC VIEW				
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS				
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048				
CONTRACTOR				
DRAWN BY C. K.			DATE 09/04/2022	
CHKD. BY I. A.			DATE 09/18/2022	
JOB No.			DRG. No. E4	REV. 0



STAIR-01 2ND FLOOR PLAN
S1.1A2, A1.0A, A4.6A

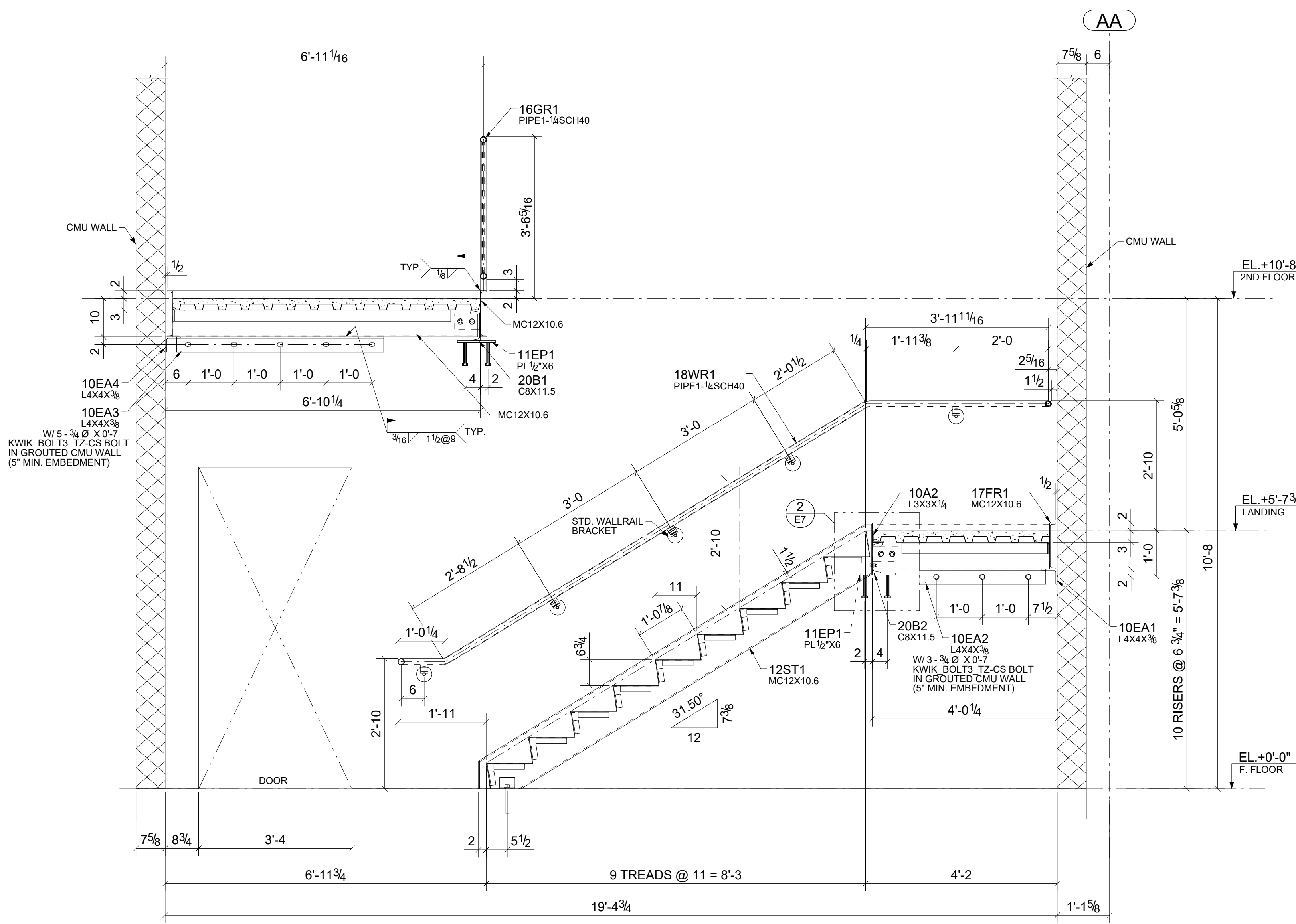


SECTION A SECTION
(8/A4.6A)

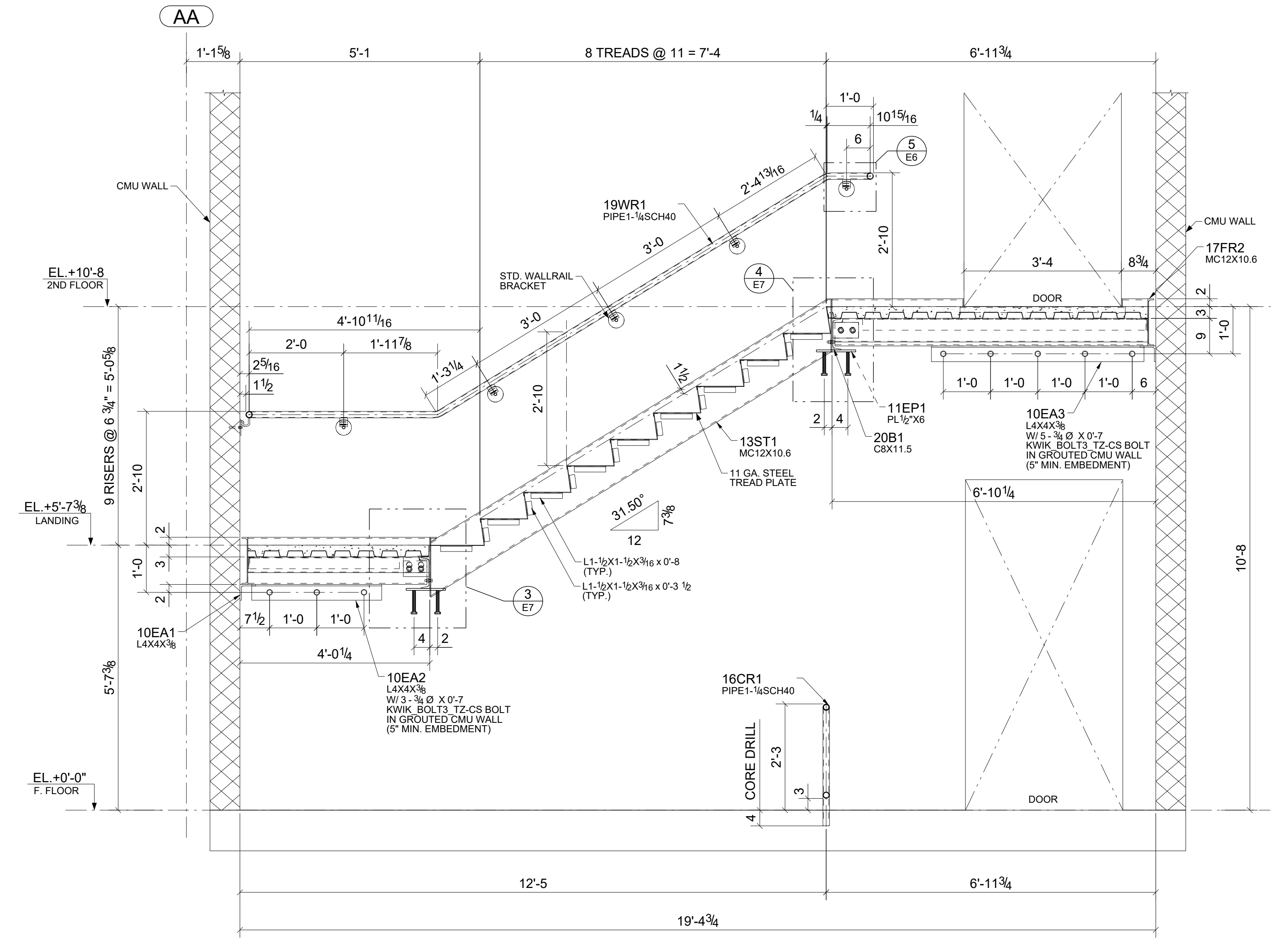


STAIR-02 FINISH FLOOR PLAN
S1.1A2, A1.0A, A4.6A

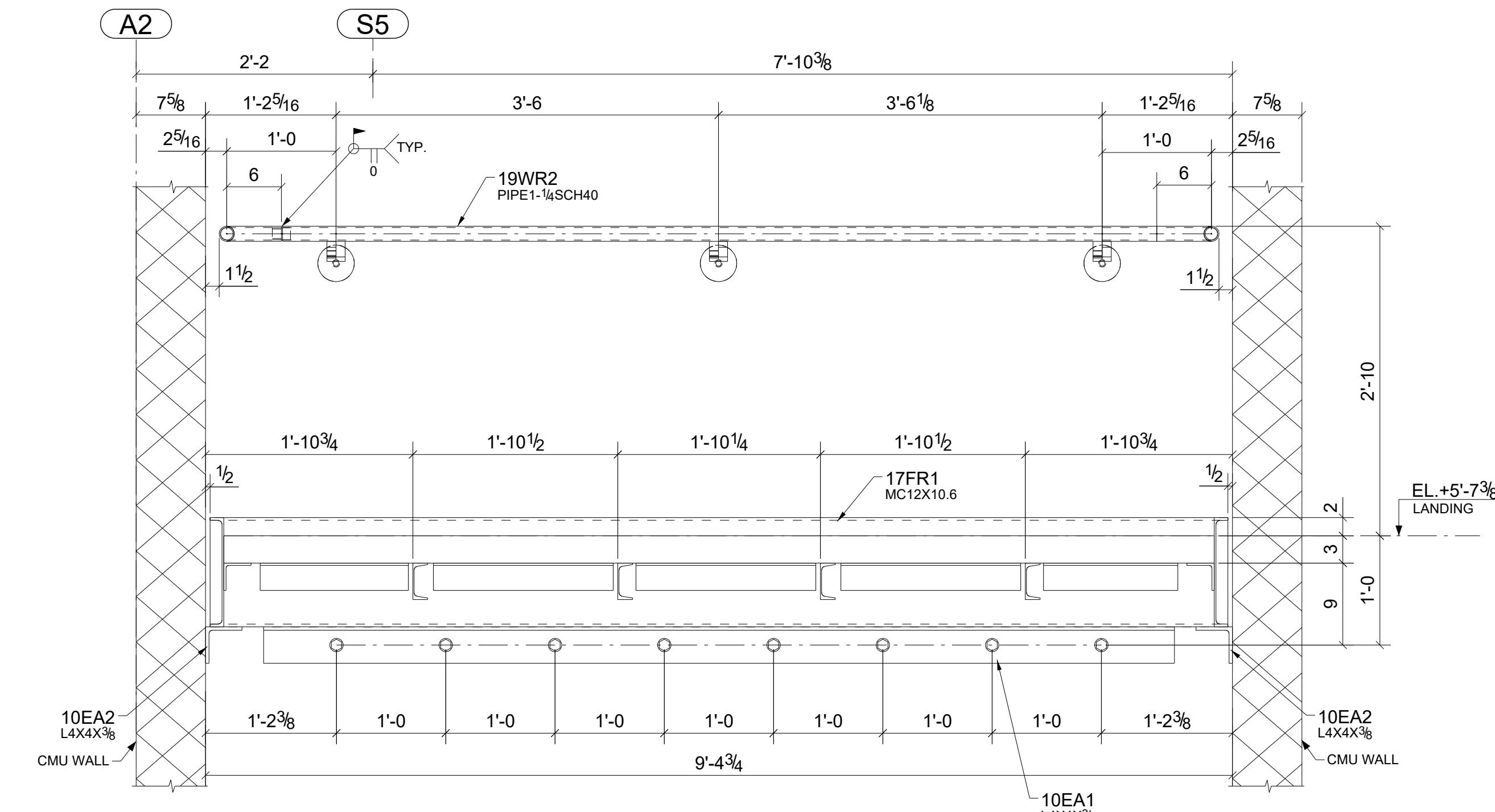
0	For Fabrication	12/20/2022	C. K.	I. A.
A	For Approval	09/19/2022	C. K.	I. A.
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				
MATERIAL: A36 (U.N.O.)		ELECTRODES: AWS E70XX		REF. DRG.
HOLES: 13/16 DIA. UN		CONNYS: 3/4" Ø BOLTS (U.N.O.)		S1.1A2 & A4.6A
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER				
DESCRIPTION: STAIR-02 PLAN & SECTION				
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS				
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048				
CONTRACTOR				
DRAWN BY C. K.		DATE 09/11/2022		
CHKD. BY I. A.		DATE 09/18/2022		
JOB No.		DRG. No. E5		
REV.		0		



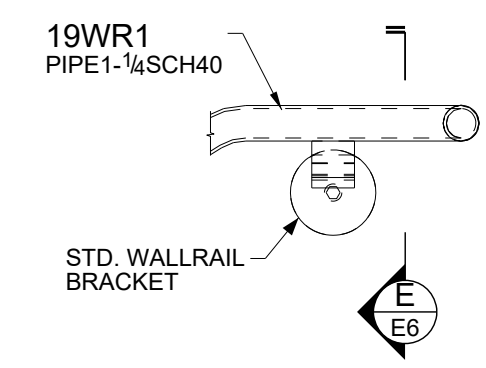
B SECTION
E5 (A4.6A)



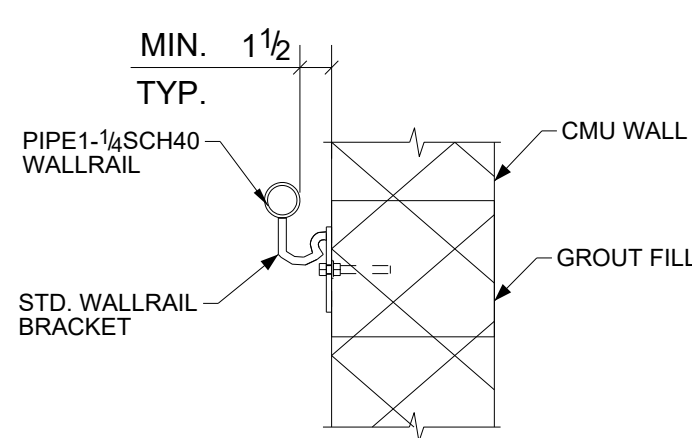
C SECTION
E5 (A4.6A)



D SECTION
E5 (A4.6A)



5 DETAIL
E6 (1/A4.5A)

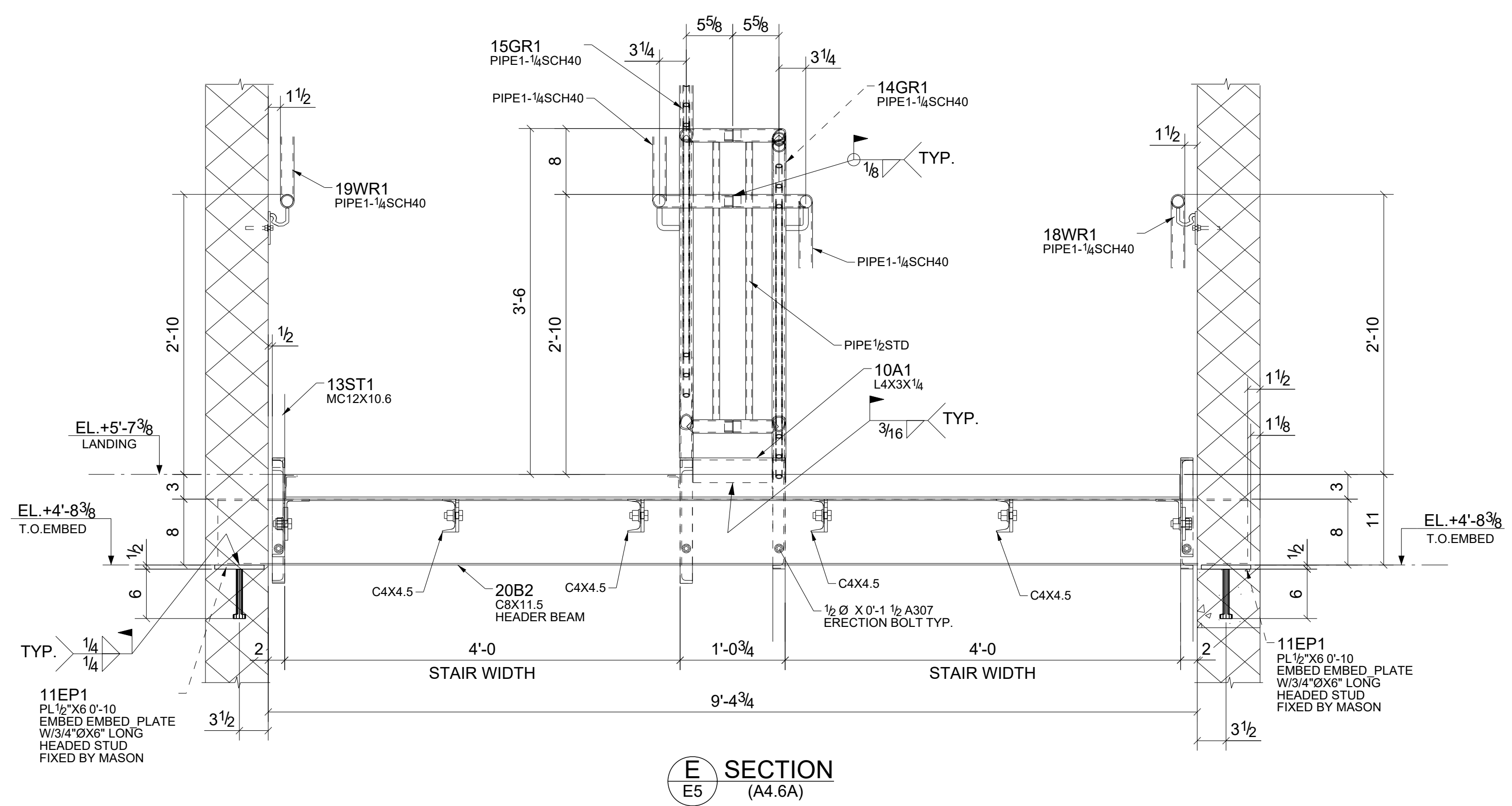


E SECTION
E6 (1/A4.5A)

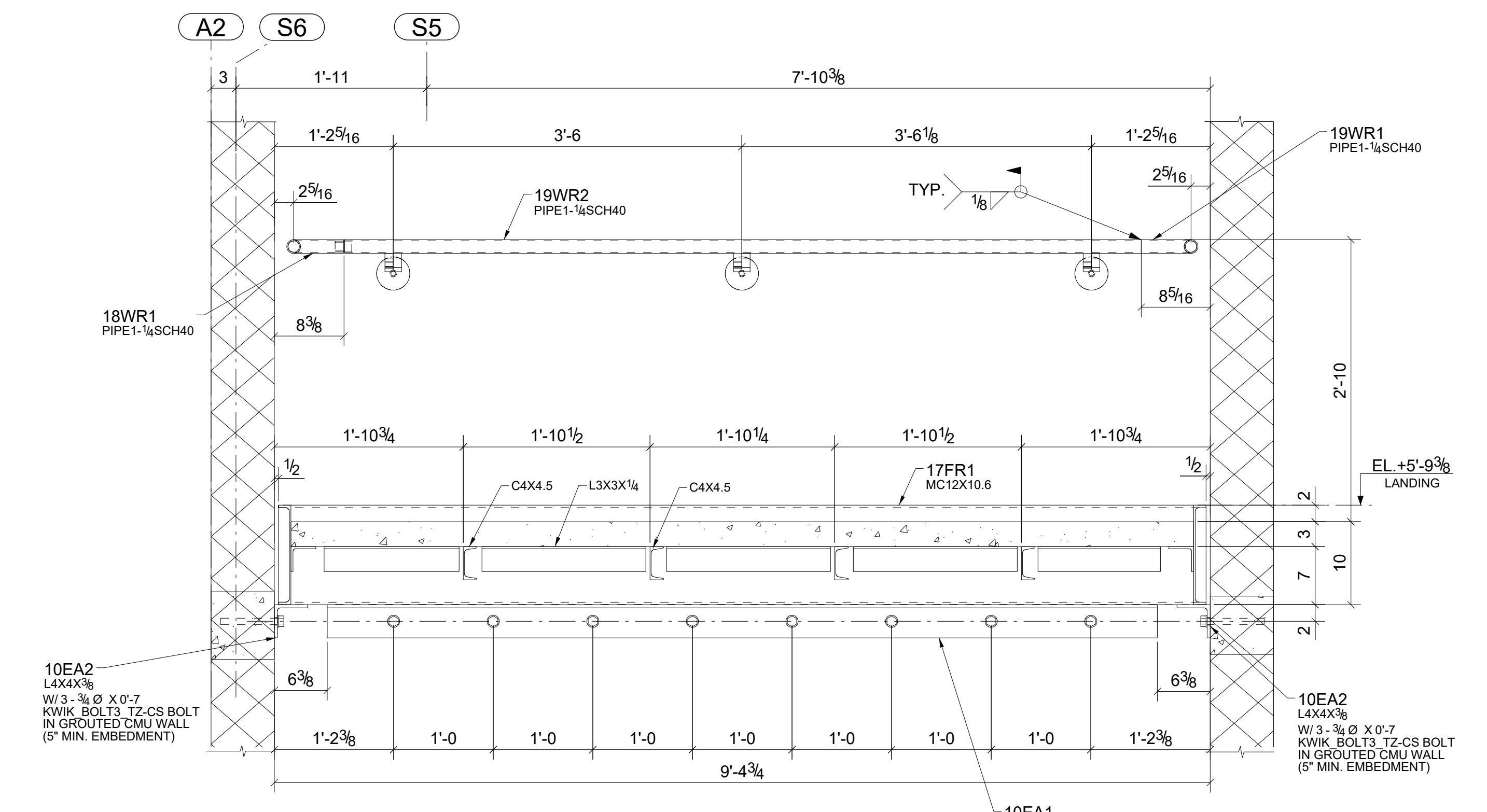
REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	C. K.	I. A.
A	For Approval	09/19/2022	C. K.	I. A.

GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.
HOLES: 13/16 DIA. UN	CONNS: 3/4" Ø BOLTS (U.N.O.)	S1.1A2 & A4.6A
SURFACE PREP. AND PAINT:		SHOP
SSPC-SP3		APPROVAL
TNEMEC#99 PRIMER		
DESCRIPTION: STAIR-02 SECTIONS		
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		

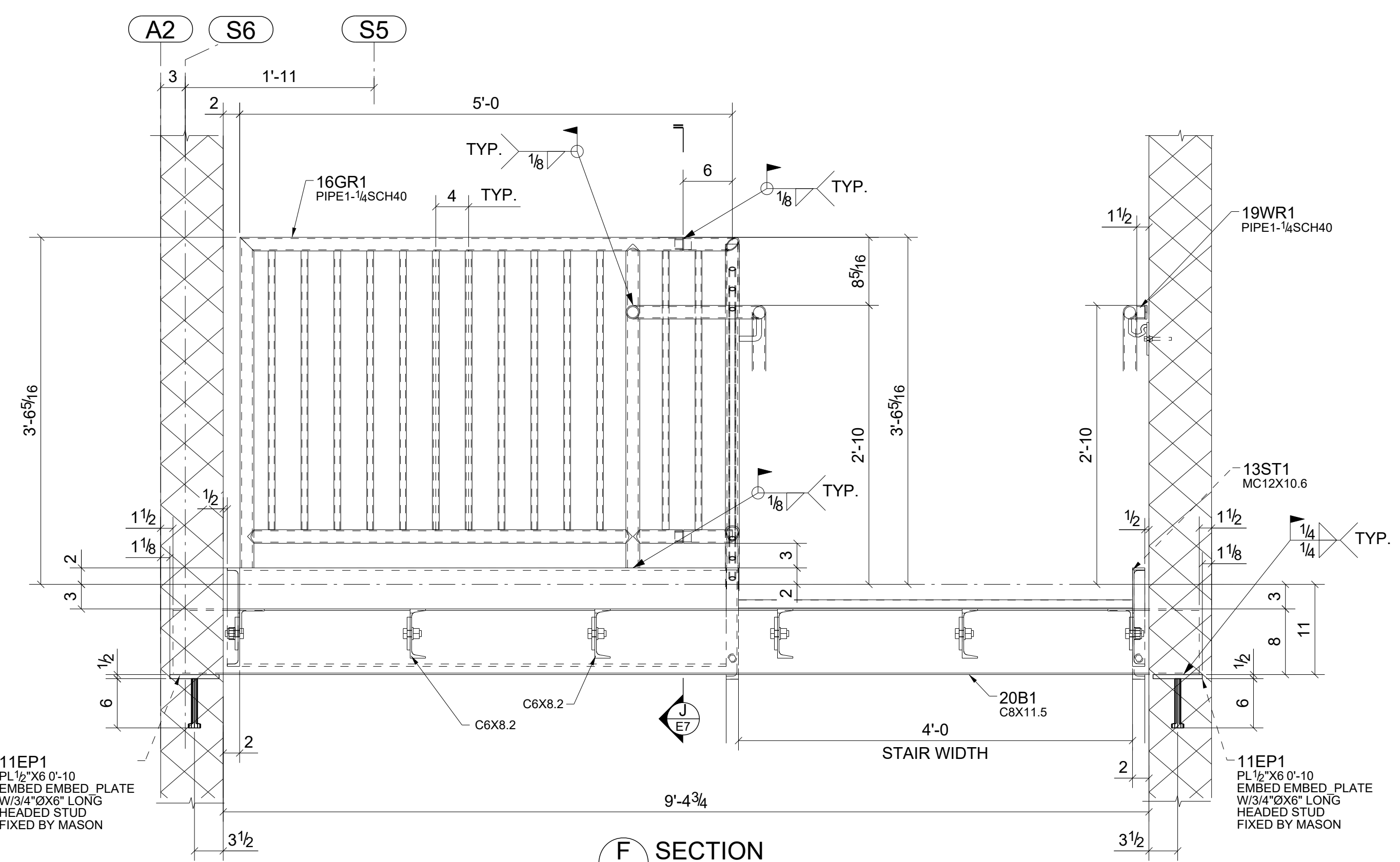
DATE	BY
09/11/2022	DRAWN BY C. K.
09/18/2022	CHKD. BY I. A.
	JOB No.
	DRG. No. E6
	REV. 0



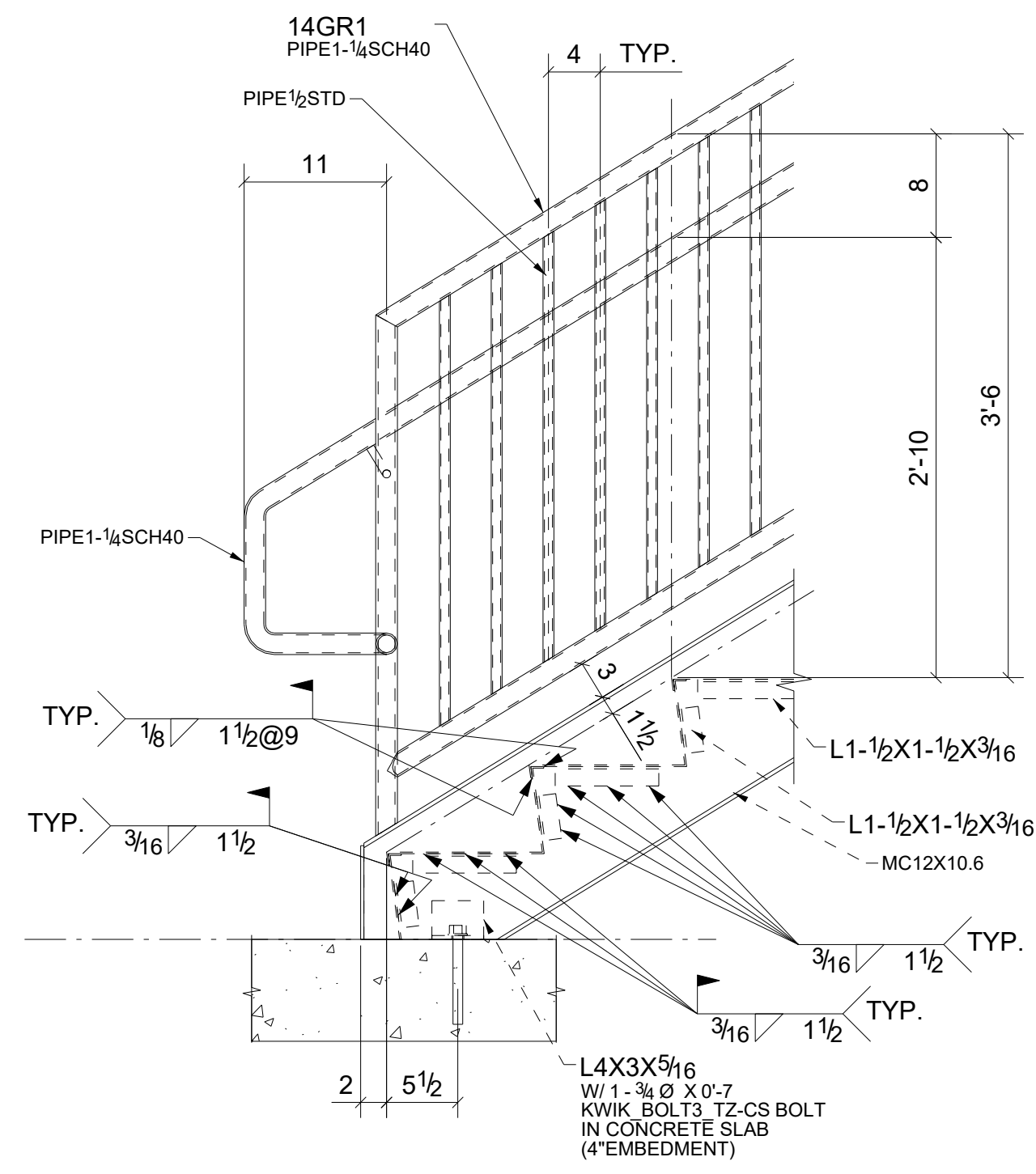
E SECTION
E5 (A4.6A)



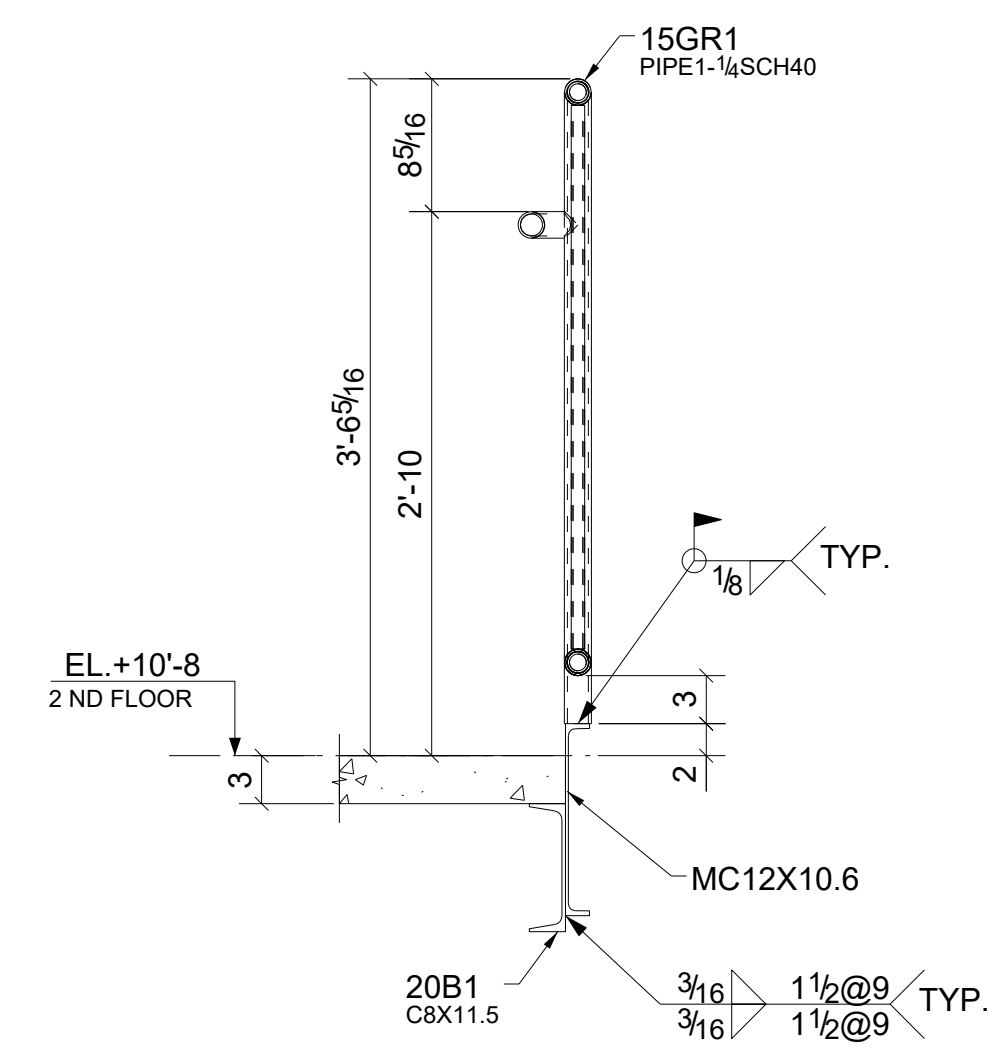
G SECTION
E5 (A4.6A)



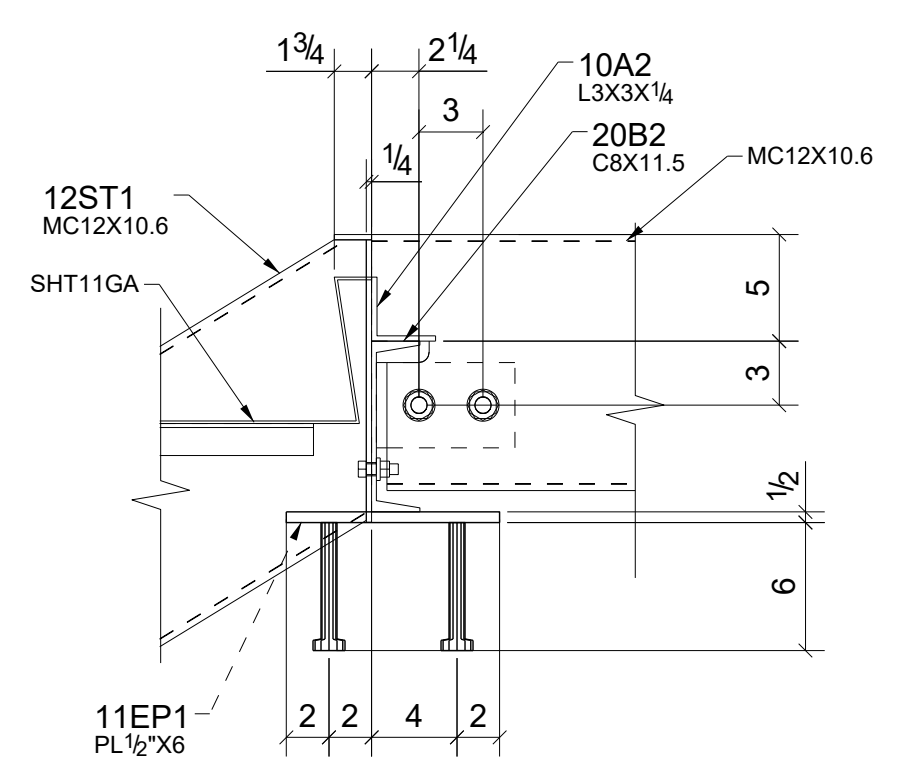
F SECTION
E5 (A4.6A)



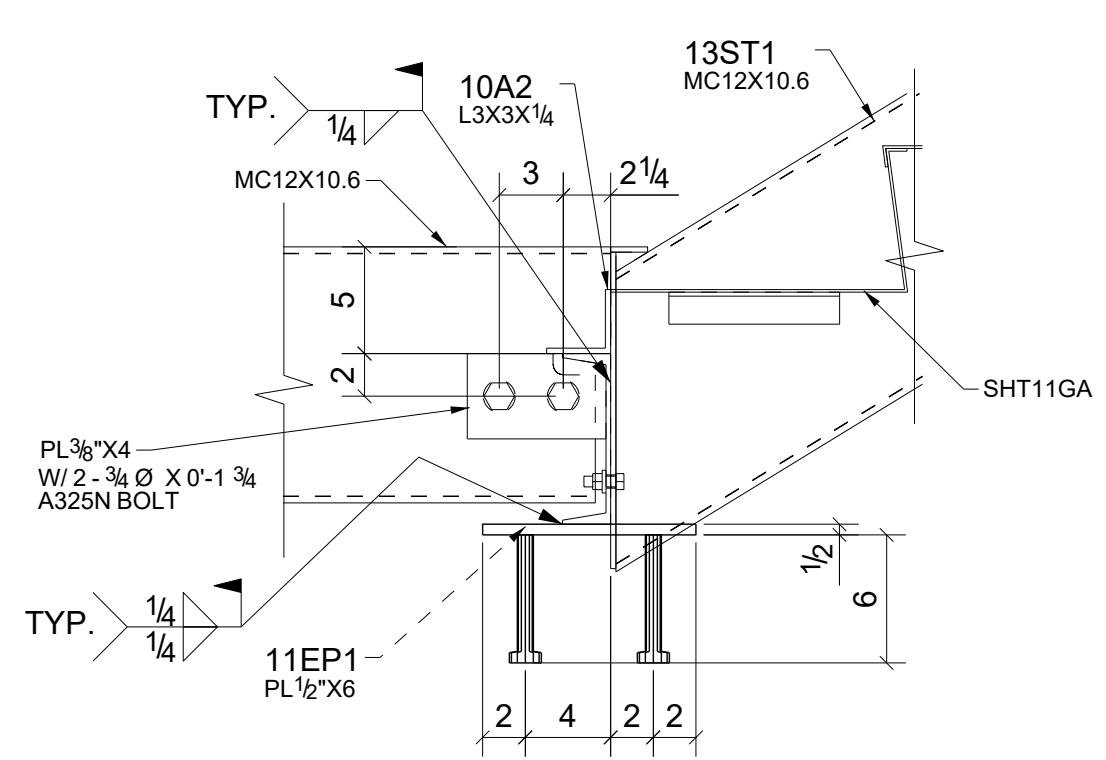
1 DETAIL
E5 (2/A4.6A)



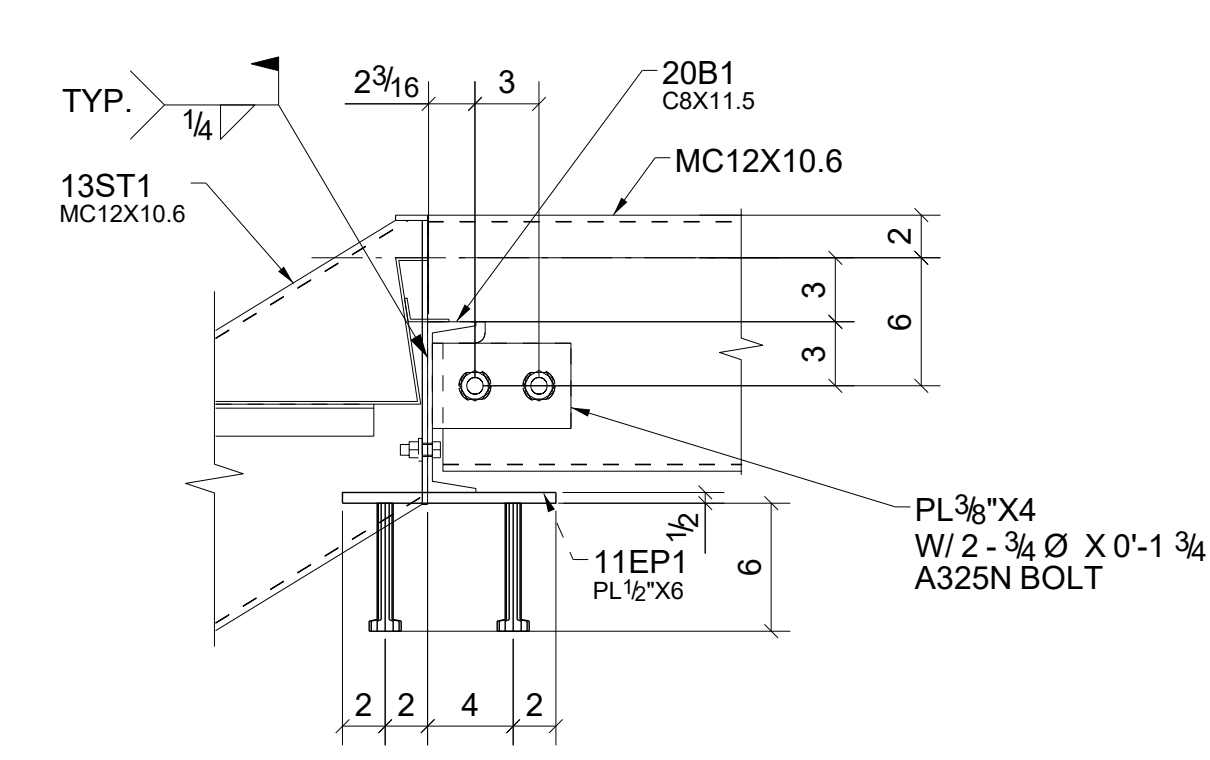
J SECTION
E7 (TYP.)



2 DETAIL
E6 (1/A4.6A)



3 DETAIL
E6 (1/A4.6A)

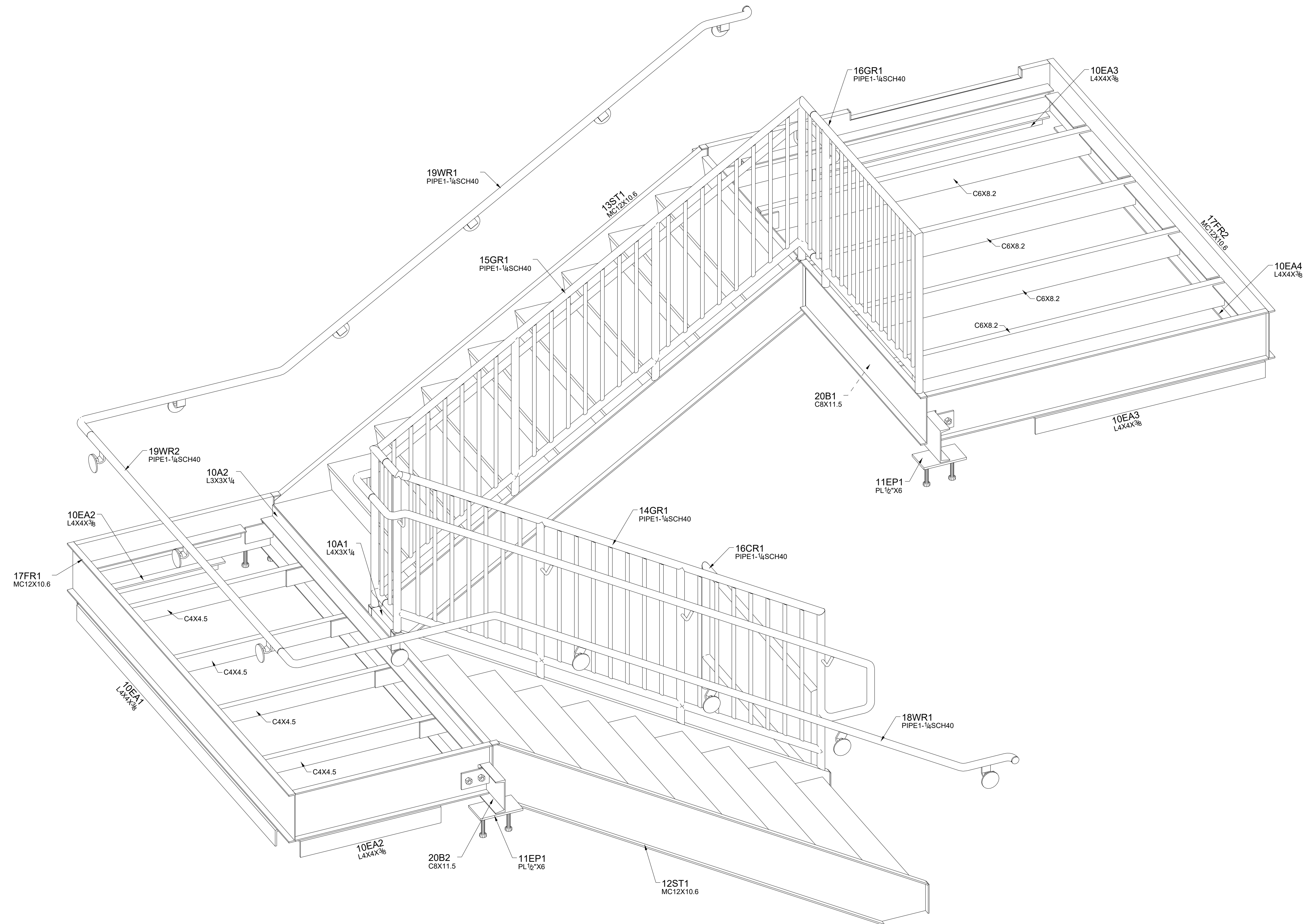


4 DETAIL
E6 (3/A4.6A)

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	C. K.	I. A.
A	For Approval	09/19/2022	C. K.	I. A.

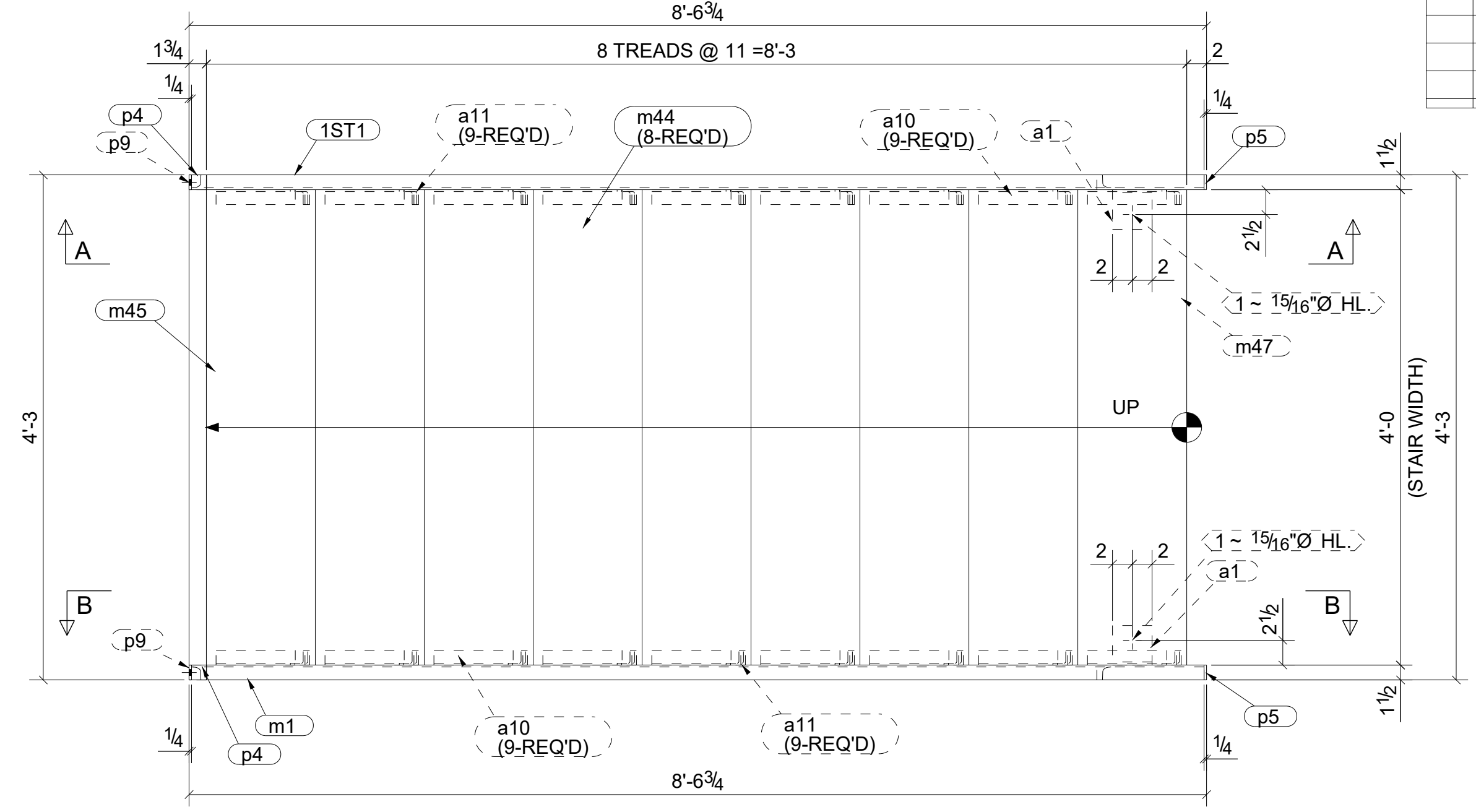
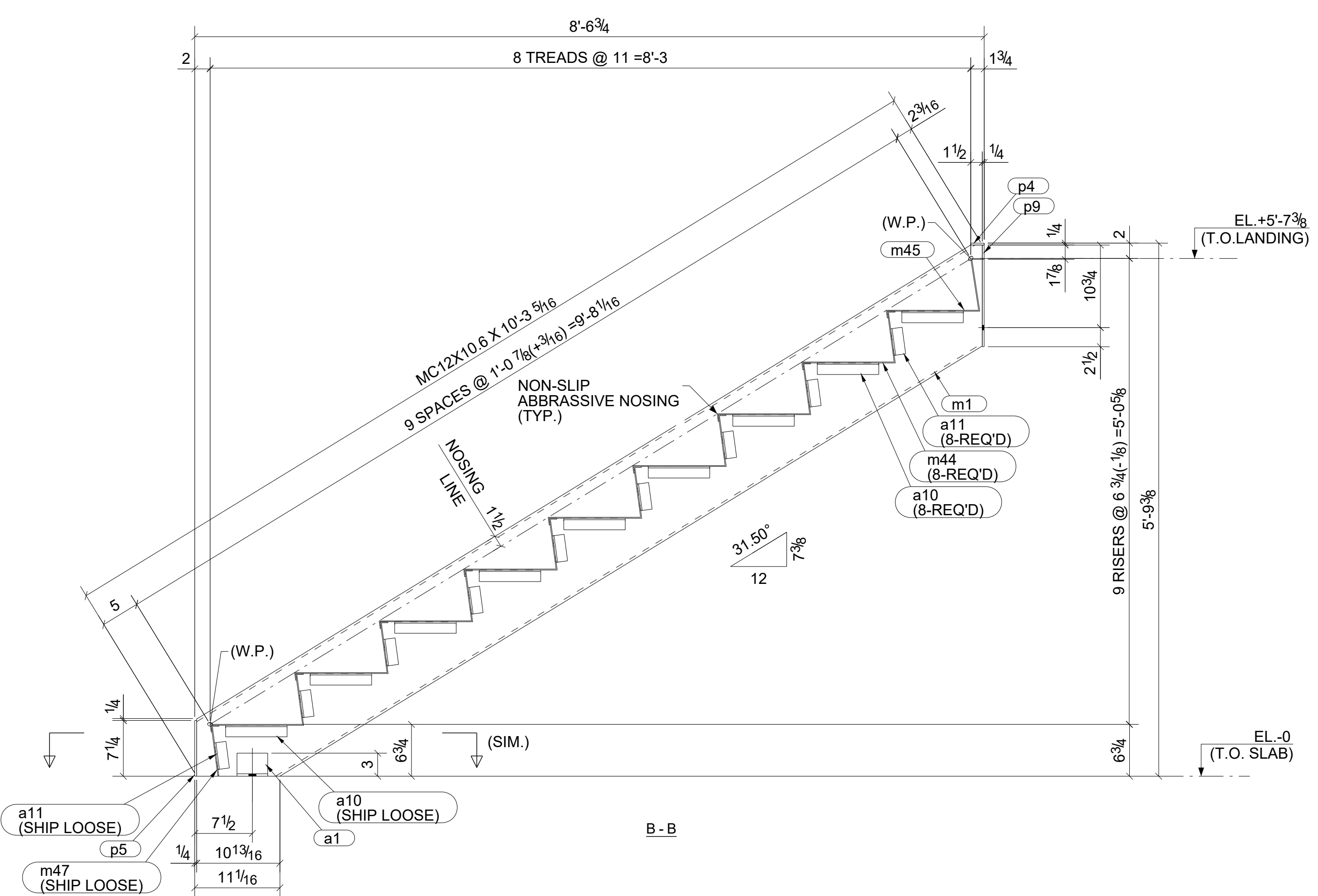
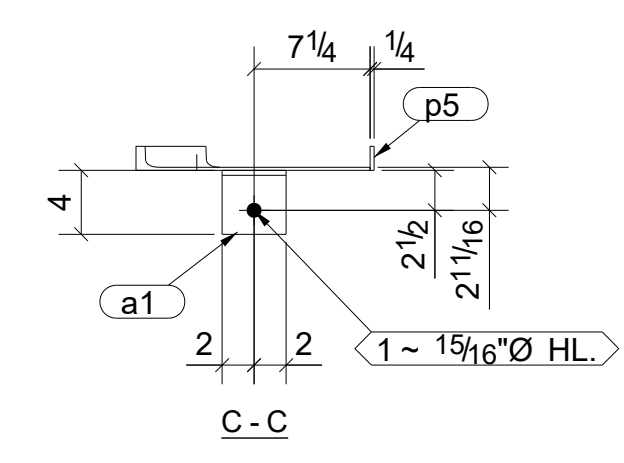
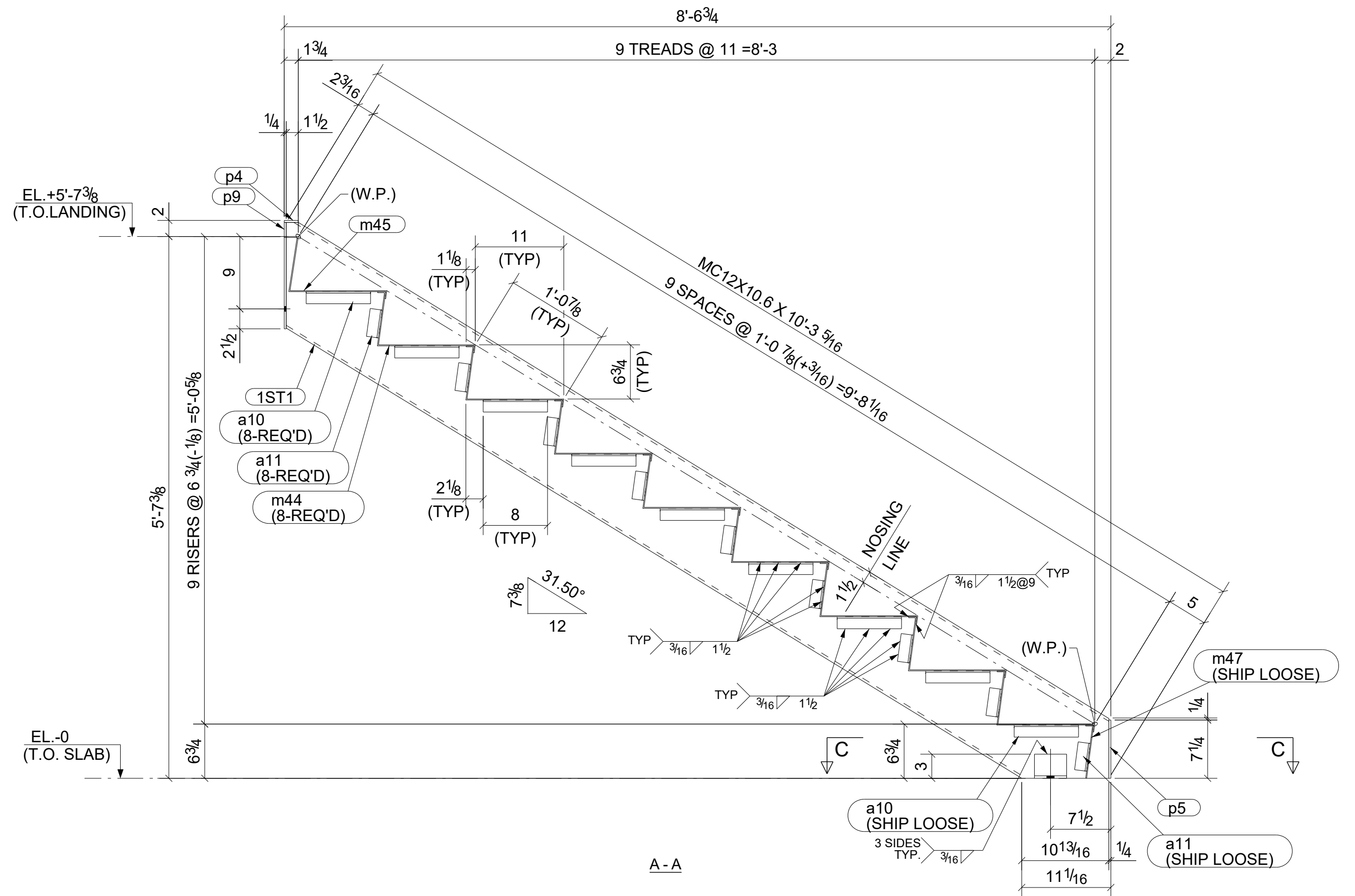
GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	S1.1A2 & A4.6A
SURFACE PREP:		SHOP
AND PAINT:		APPROVAL
SSPC-SP3		
TNEMEC#99 PRIMER		
DESCRIPTION: STAIR-02 SECTIONS		
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		

DRAWN BY	DATE
C. K.	09/11/2022
CHKD. BY	DATE
I. A.	09/18/2022
JOB No.	DRG. No.
.....	E7
REV.	0



STAIR-01 ISOMETRIC VIEW
(S1.1A2 & A4.6A)

0	For Fabrication	12/20/2022	C. K.	I. A.
A	For Approval	09/19/2022	C. K.	I. A.
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				
MATERIAL: A36 (U.N.O.)		ELECTRODES: AWS E70XX	REF. DRG.	JOB USE
HOLES: 13/16 DIA. UN		CONNYS: 3/4" Ø BOLTS (U.N.O.)	S1.1A2 & A4.6A	SHOP
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER				APPROVAL
DESCRIPTION: STAIR-02 ISOMETRIC VIEW				
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS				
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048				
CONTRACTOR				
DRAWN BY C. K.			DATE 09/11/2022	
CHKD. BY I. A.			DATE 09/18/2022	
JOB No.	DRG. No.	REV.		
.....	EB	0		



BILL OF MATERIAL

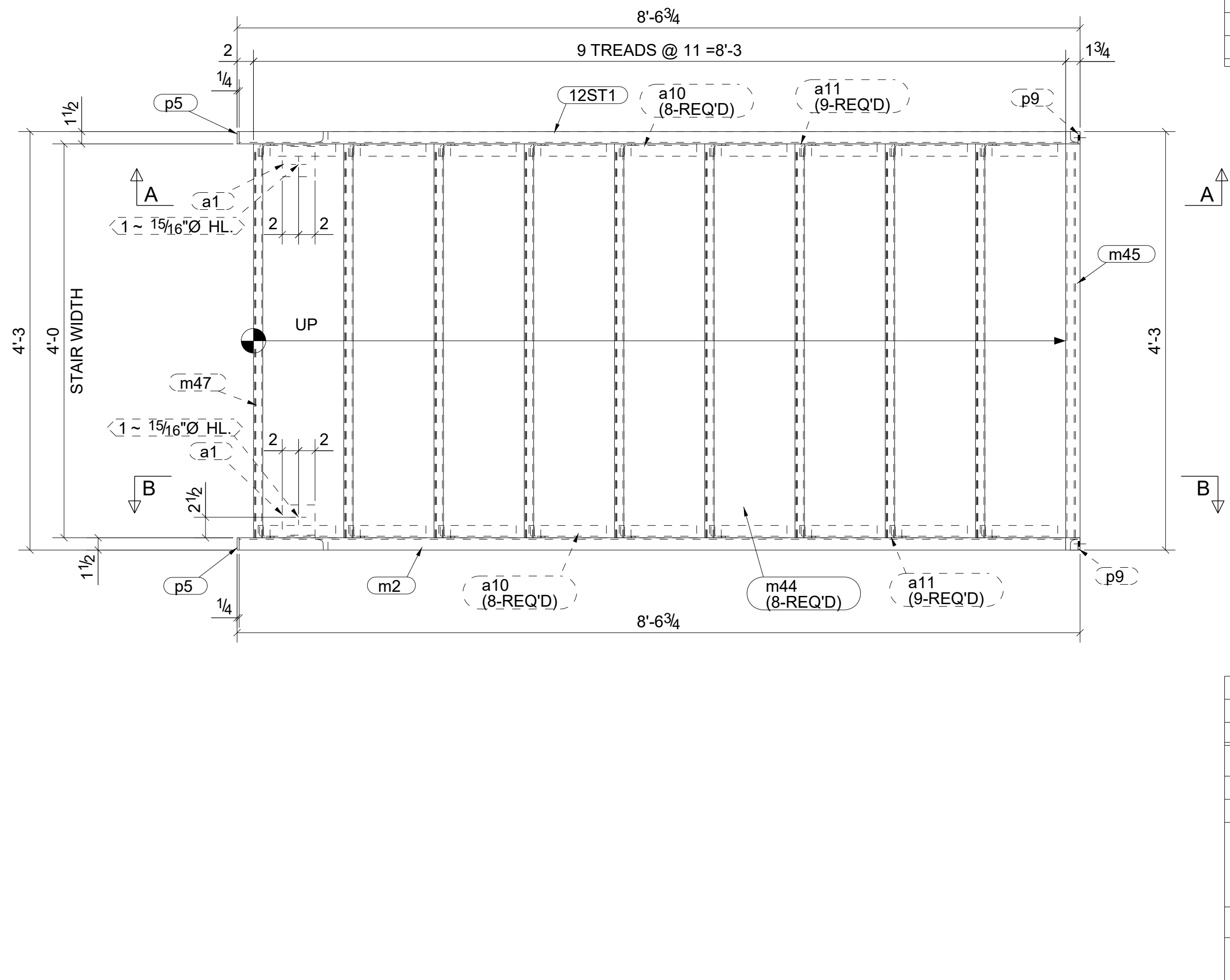
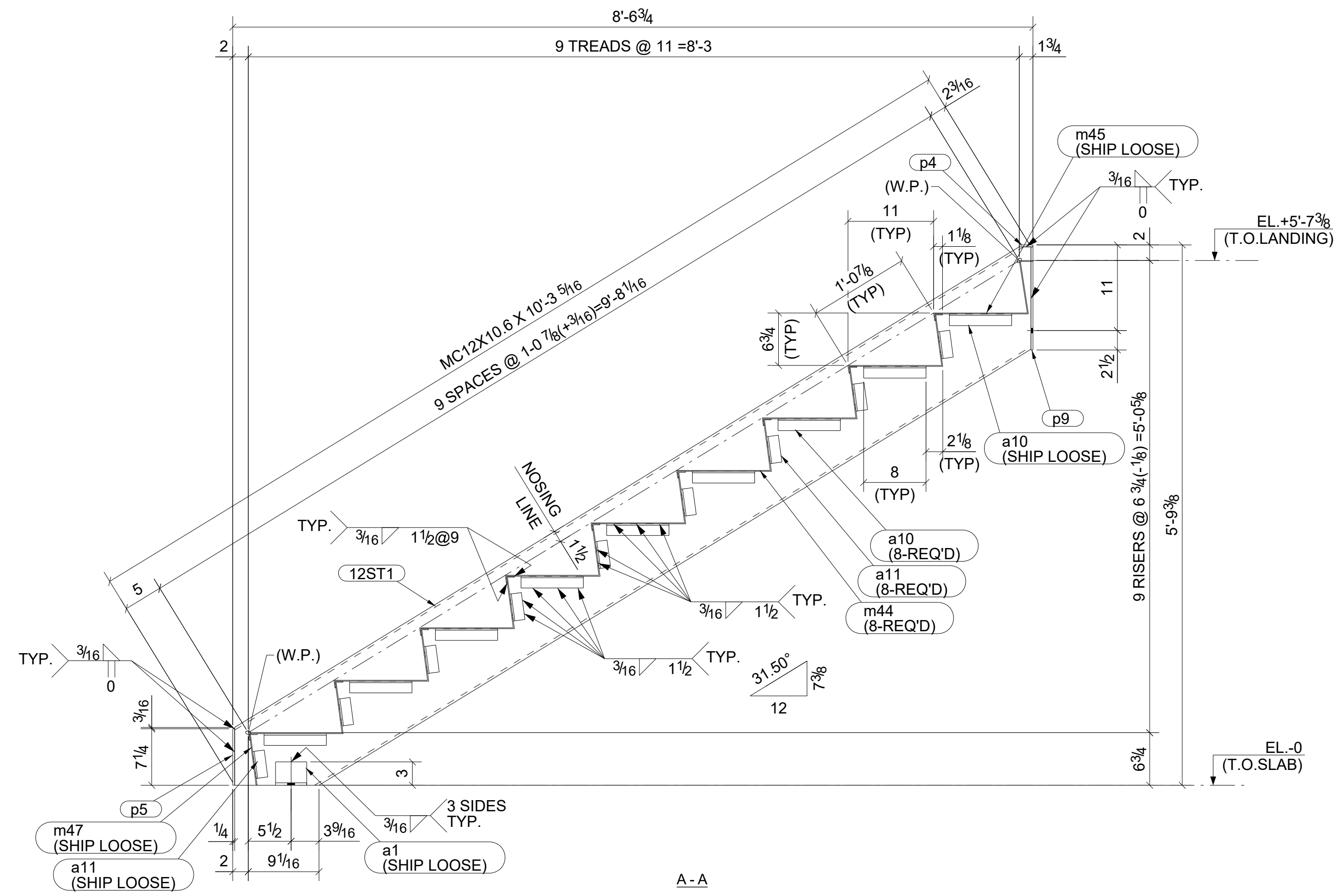
SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 1ST1	1	MC12X10.6	10'-3 5/16"		BEV-2 A36
	2	L4X3X5/16	0'-4"	a1	A36
	18	L1-1/2X1-1/2X3/16	0'-8"	a10	A36
	18	L1-1/2X1-1/2X3/16	0'-3 1/2"	a11	A36
	1	MC12X10.6	10'-3 5/16"	m1	A36
	8	SHT11GAX20 1/8"	4'-0"	m44	A36
	1	SHT11GAX21"	4'-0"	m45	A36
	1	SHT11GAX7 3/8"	4'-0"	m47	A36
	2	PL1/4"X1 1/2"	0'-1 3/4"	p4	A36
	2	PL1/4"X1 1/2"	0'-7 1/4"	p5	A36
	2	PL1/4"X1 1/2"	1'-1 1/4"	p9	A36

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	E1 THRU E4
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER		SHOP
DESCRIPTION: STAIR		APPROVAL
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		

DRAWN BY	DATE
A. K.	07/26/2020
CHKD. BY	DATE
ABS	09/18/2022
JOB No.	DRG. No.
.....	1
REV.	REV.
.....	0

ONE - STAIR - 1ST1



BILL OF MATERIAL					
SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	12ST1	1	MC12X10.6	10'-3 5/16"	BEV-2 A36
		2	L4X3X5/16	0'-4"	a1 A36
		18	L1-1/2X1-1/2X3/16	0'-8"	a10 A36
		18	L1-1/2X1-1/2X3/16	0'-3 1/2"	a11 A36
		1	MC12X10.6	10'-3 5/16"	m2 A36
		8	SHT11GAX20 1/8"	4'-0"	m44 A36 BENT
		1	SHT11GAX21"	4'-0"	m45 A36 BENT
		1	SHT11GAX7 3/8"	4'-0"	m47 A36 BENT
		2	PL1/4"X1 1/2"	0'-1 3/4"	p4 A36
		2	PL1/4"X1 1/2"	0'-7 1/4"	p5 A36
		2	PL1/4"X1 1/2"	1'-1 1/4"	p9 A36

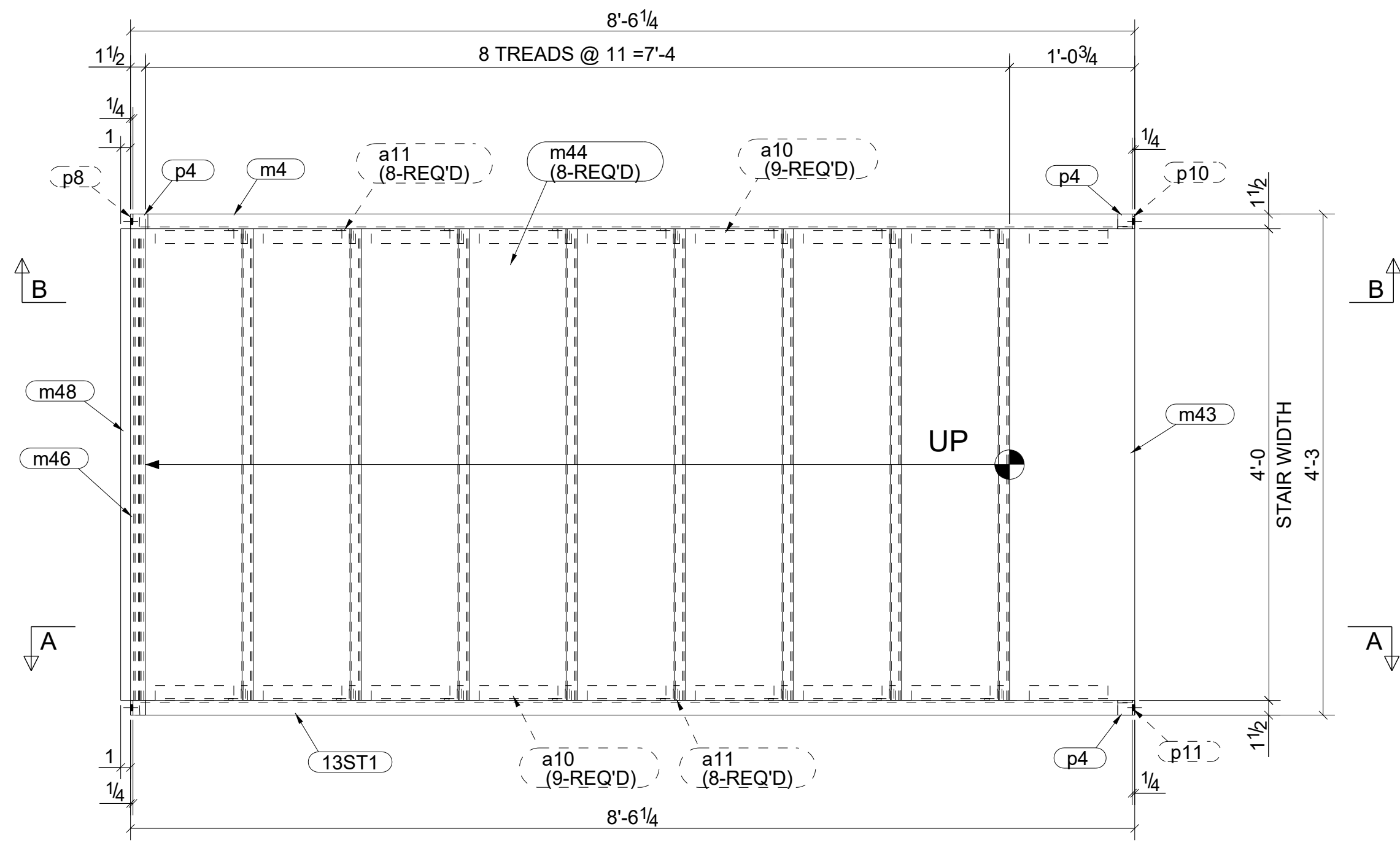
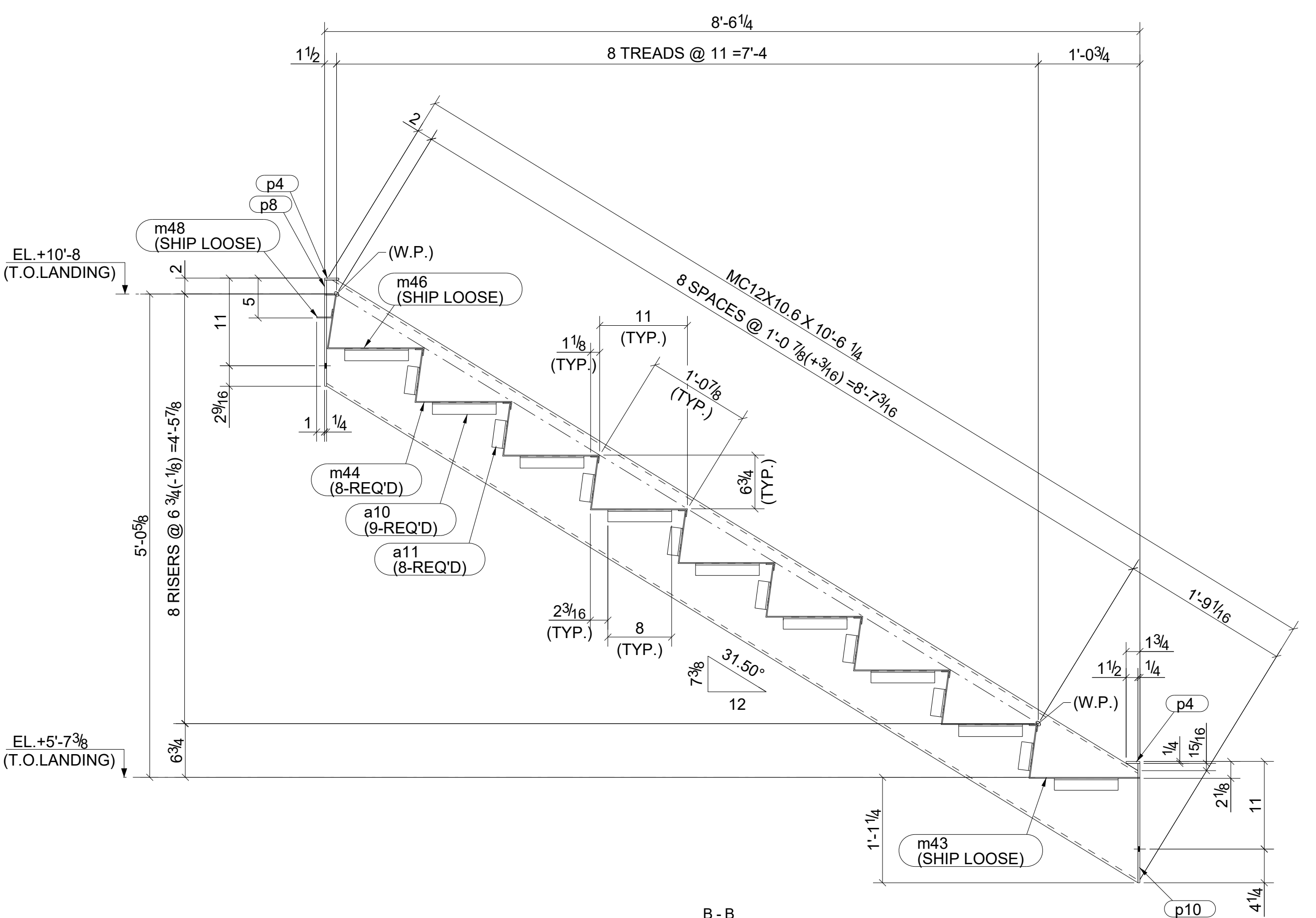
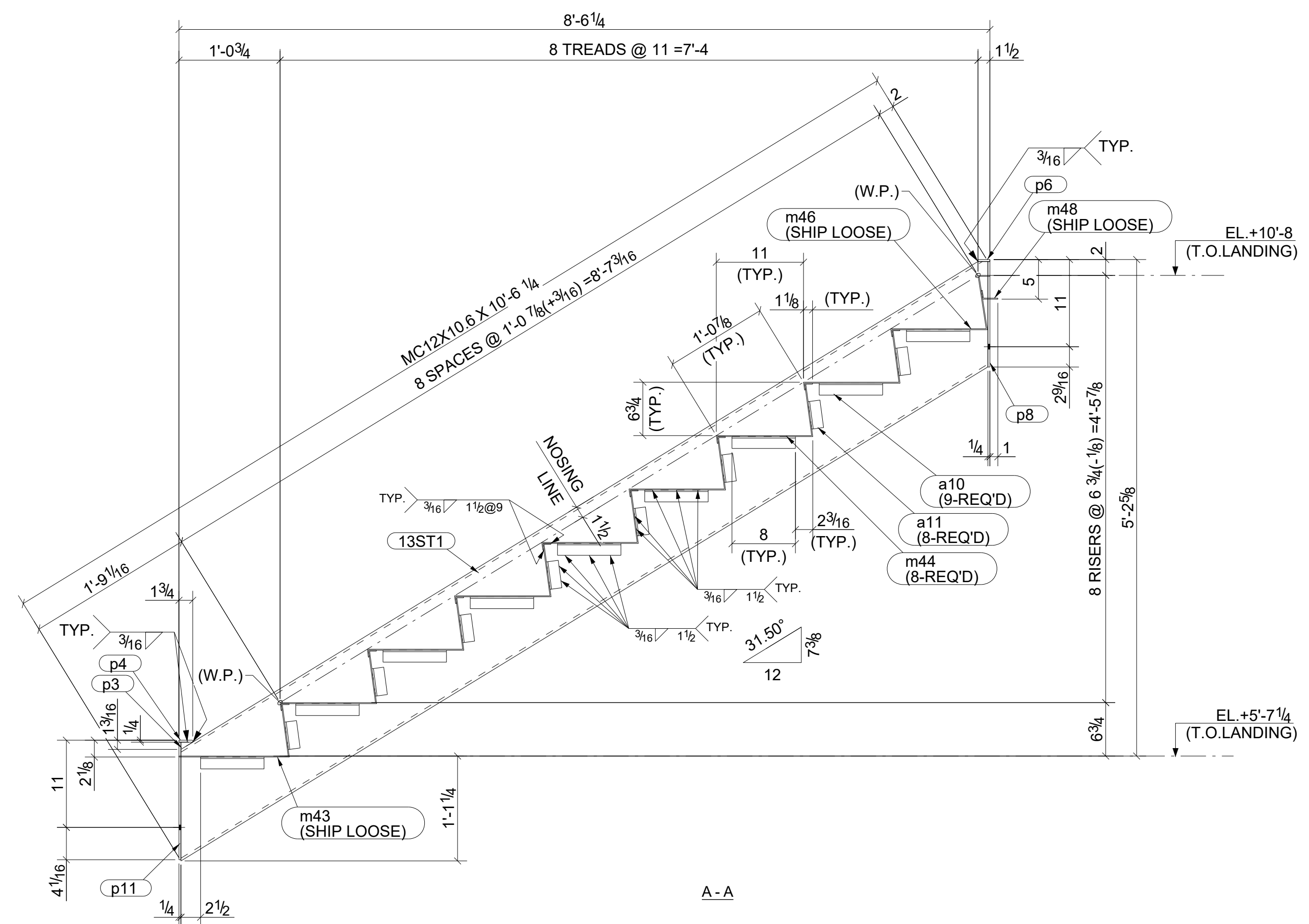
GENERAL NOTES				
REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

MATERIAL: A36 (U.N.O.) ELECTRODES: AWS E70XX REF. DRG. E1 THRU E4
 HOLES: 13/16 DIA. UN CONNS: 3/4" Ø BOLTS (U.N.O.)
 SURFACE PREP: SSPC-SP3
 AND PAINT: TNEMEC#99 PRIMER

DESCRIPTION: STRINGER
 PROJECT NAME: MSD ON 26 MILE RD - BLDG-A STAIRS
 LOCATION: 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048
 CONTRACTOR:

ONE - STAIR - 12ST1

DRAWN BY	A. K.	DATE	11/13/2022
CHKD. BY	ABS	DATE	09/18/2022
JOB No.	DRG. No.	12
REV.		0



BILL OF MATERIAL

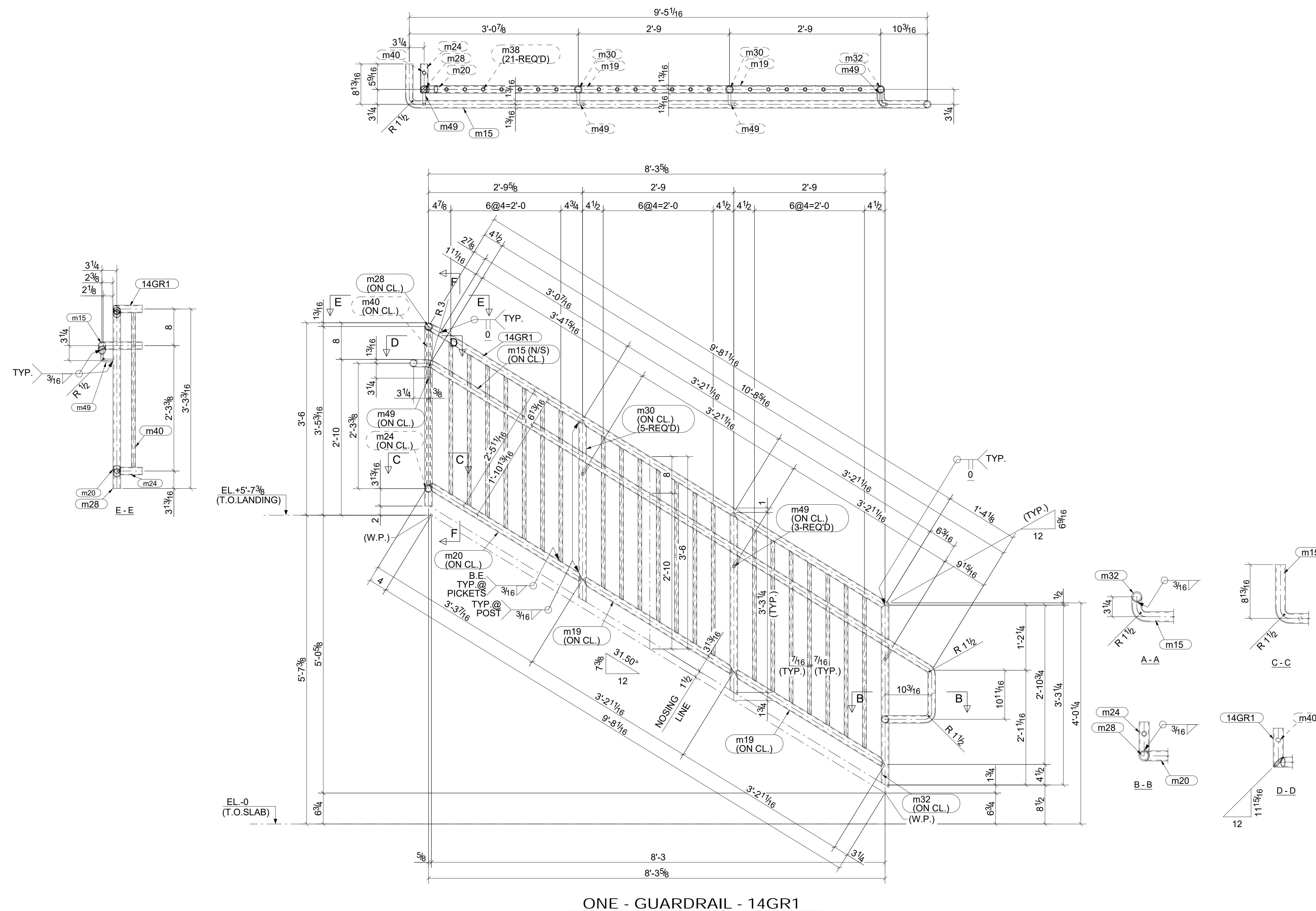
SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	13ST1	1	MC12X10.6	10'-6 1/4"	BEV-2 A36
		18	L1-1/2X1-1/2X3/16	0'-8"	a10 A36
		16	L1-1/2X1-1/2X3/16	0'-3 1/2"	a11 A36
		1	MC12X10.6	10'-6 1/4"	m4 A36
		1	SHT11GAX21 3/16"	4'-0"	m43 A36
		7	SHT11GAX20 1/8"	4'-0"	m44 A36
		1	SHT11GAX20 3/4"	4'-0"	m46 A36
		1	SHT11GAX2 13/16"	4'-0"	m48 A36
		2	PL1/4X15/16"	0'-1 1/2"	p3 A36
		3	PL1/4X1 1/2"	0'-1 3/4"	p4 A36
		1	PL1/4X1 1/2"	0'-1 1/2"	p6 A36
		2	PL1/4X1 1/2"	1'-1 5/16"	p8 A36
		1	PL1/4X1 1/2"	1'-3"	p10 A36
		1	PL1/4X1 1/2"	1'-2 13/16"	p11 A36

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	E1 THRU E4
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER		SHOP
DESCRIPTION: STRINGER		APPROVAL
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		
DRAWN BY A. K.		DATE 11/13/2022
CHKD. BY ABS		DATE 09/18/2022
JOB No.	DRG. No. 13	REV. 0

BILL OF MATERIAL

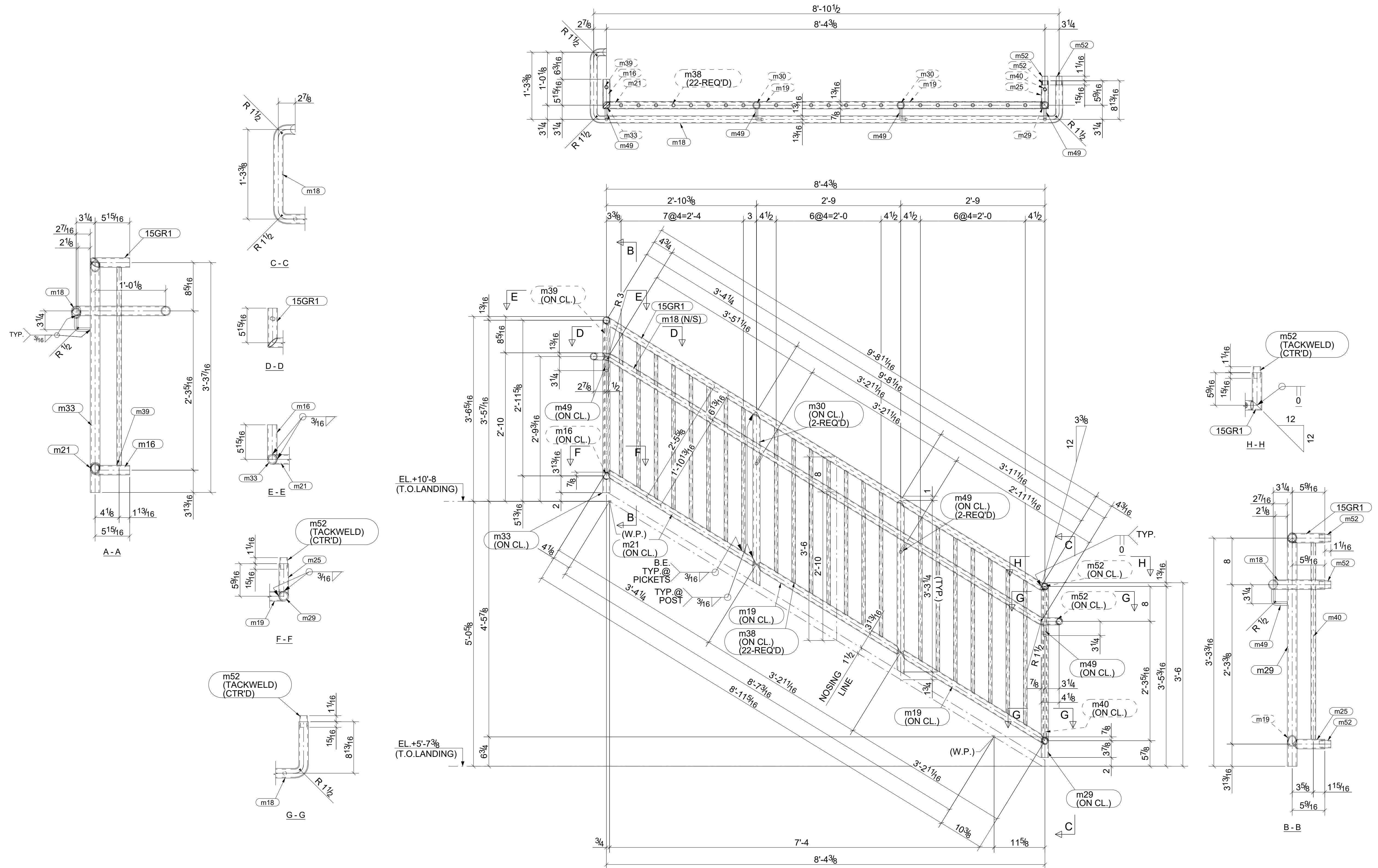
SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 14GR1	1	PIPE1-1/4SCH40	10'-2 3/4"		SQ-1BEV-1 A53
	1	PIPE1-1/4SCH40	13'-6 3/4"	m15	A53
2	2	PIPE1-1/4SCH40	3'-2 9/16"	m19	A53
	1	PIPE1-1/4SCH40	3'-3 5/16"	m20	A53
	1	PIPE1-1/4SCH40	0'-5 1/2"	m24	A53
	1	PIPE1-1/4SCH80	3'-3 3/16"	m28	A500-GR.C
	2	PIPE1-1/4SCH80	3'-3 13/16"	m30	A500-GR.C
	1	PIPE1-1/4SCH80	3'-4 1/4"	m32	A500-GR.C
21	1	PIPE1/2STD	2'-9 3/8"	m38	A36
	1	PIPE1/2STD	2'-9 11/16"	m40	A36
	4	RBS/8"	0'-4 1/8"	m49	A36



ONE - GUARDRAIL - 14GR1

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	E1 THRU E4
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER		SHOP
DESCRIPTION: GUARDRAIL		APPROVAL
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		
DRAWN BY A. K.	DATE 11/13/2022	
CHKD. BY ABS	DATE 09/18/2022	
JOB No.	DRG. No. 14	REV. 0



ONE - GUARDRAIL - 15GR1

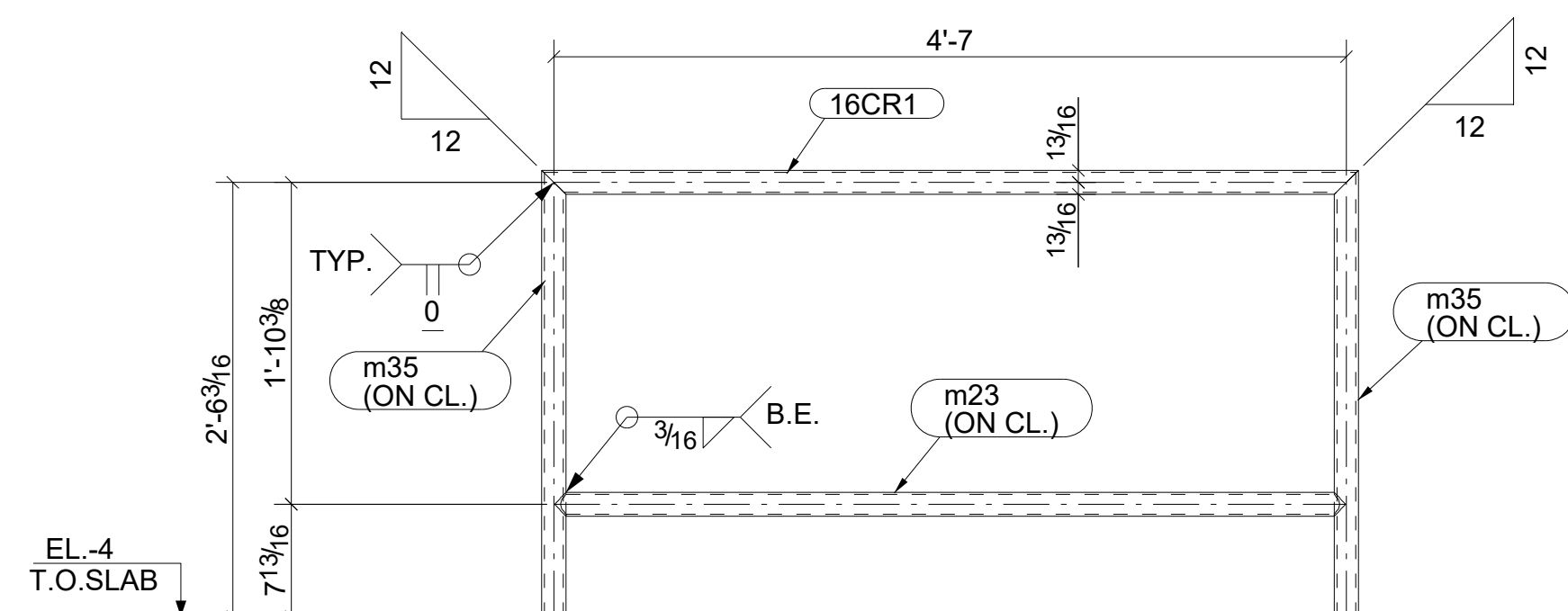
BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	15GR1	1 PIPE1-1/4SCH40	10'-9 1/16"		BEV-2 A53
		1 PIPE1-1/4SCH40	0'-5 15/16"	m16	A53
		1 PIPE1-1/4SCH40	12'-4 3/4"	m18	A53
		2 PIPE1-1/4SCH40	3'-2 9/16"	m19	A53
		1 PIPE1-1/4SCH40	3'-4 1/8"	m21	A53
		1 PIPE1-1/4SCH40	0'-5 9/16"	m25	A53
		1 PIPE1-1/4SCH80	3'-3 3/16"	m29	A500-GR.C
		2 PIPE1-1/4SCH80	3'-3 13/16"	m30	A500-GR.C
		1 PIPE1-1/4SCH80	3'-3 7/16"	m33	A500-GR.C
		22 PIPE1/2STD	2'-9 3/8"	m38	A36
		1 PIPE1/2STD	2'-10"	m39	A36
		1 PIPE1/2STD	2'-9 11/16"	m40	A36
		4 RB5/8"	0'-4 1/8"	m49	A36
		3 PIPE1SCH40	0'-2"	m52	A53

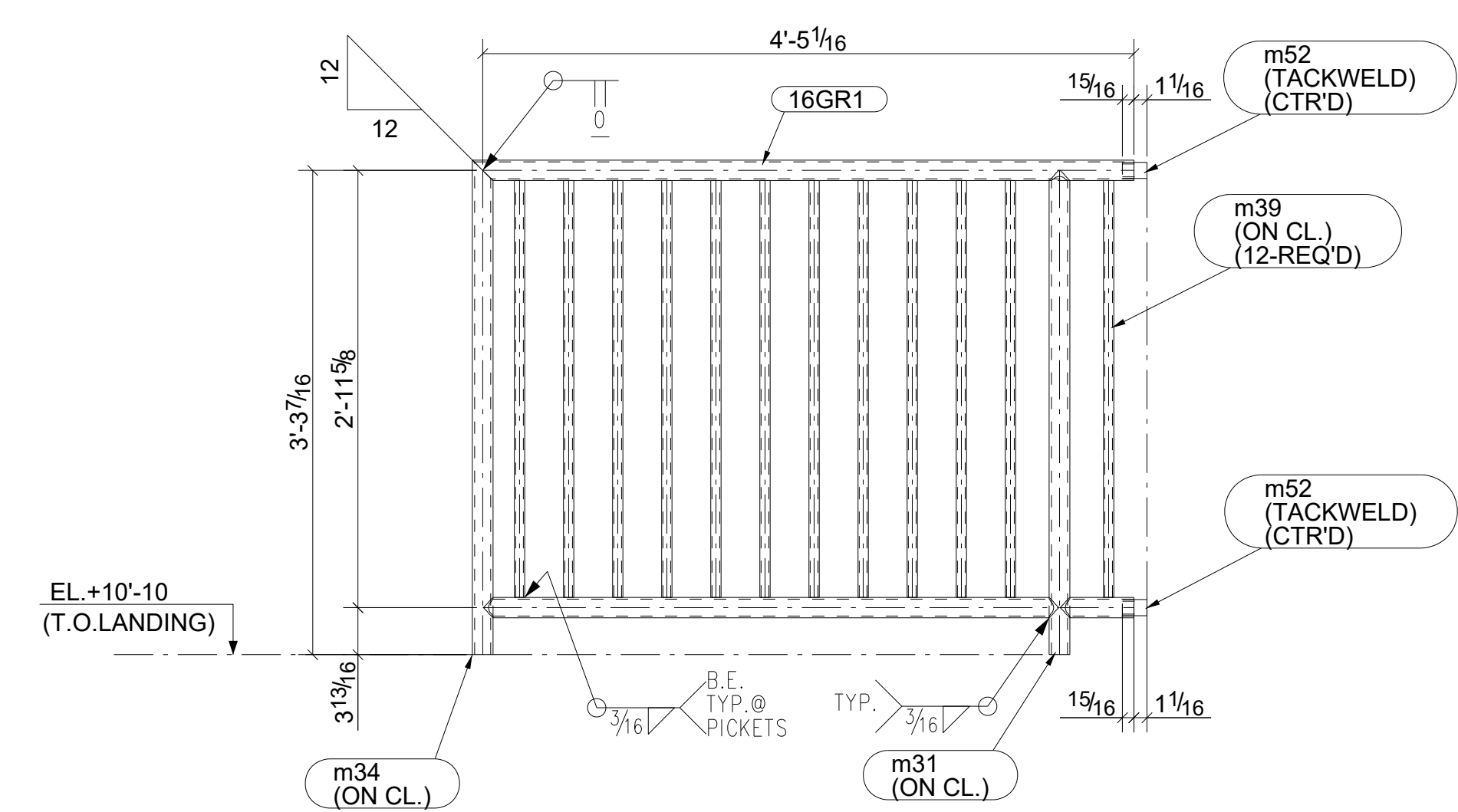
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				
MATERIAL: A36 (U.N.O.)		ELECTRODES: AWS E70XX		REF. DRG.
HOLES: 13/16 DIA UN		CONNYS: 3/4" Ø BOLTS (U.N.O.)		E1 THRU E4
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER				
DESCRIPTION: GUARDRAIL				
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS				
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048				
CONTRACTOR				
DRAWN BY A. K.			DATE 11/13/2022	
CHKD. BY ABS			DATE 09/18/2022	
JOB No.			DRG. No.	
.....			15	
REV.			0	

BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 16CR1	1	PIPE1-1/4SCH40	4'-8 11/16"		BEV-2 A53
	1	PIPE1-1/4SCH40	4'-6 15/16"	m23	A53
	2	PIPE1-1/4SCH80	2'-7"	m35	A500-GRC
1 16GR1	1	PIPE1-1/4SCH40	4'-5 7/8"		SQ-1BEV-1 A53
	1	PIPE1-1/4SCH40	3'-10 7/8"	m22	A53
	1	PIPE1-1/4SCH40	0'-6"	m26	A53
	1	PIPE1-1/4SCH80	3'-3 7/16"	m31	A500-GRC
	1	PIPE1-1/4SCH80	3'-4 5/16"	m34	A500-GRC
	12	PIPE1/2STD	2'-10"	m39	A36
2	PIPE1SCH40	0'-2"	m52	A53	



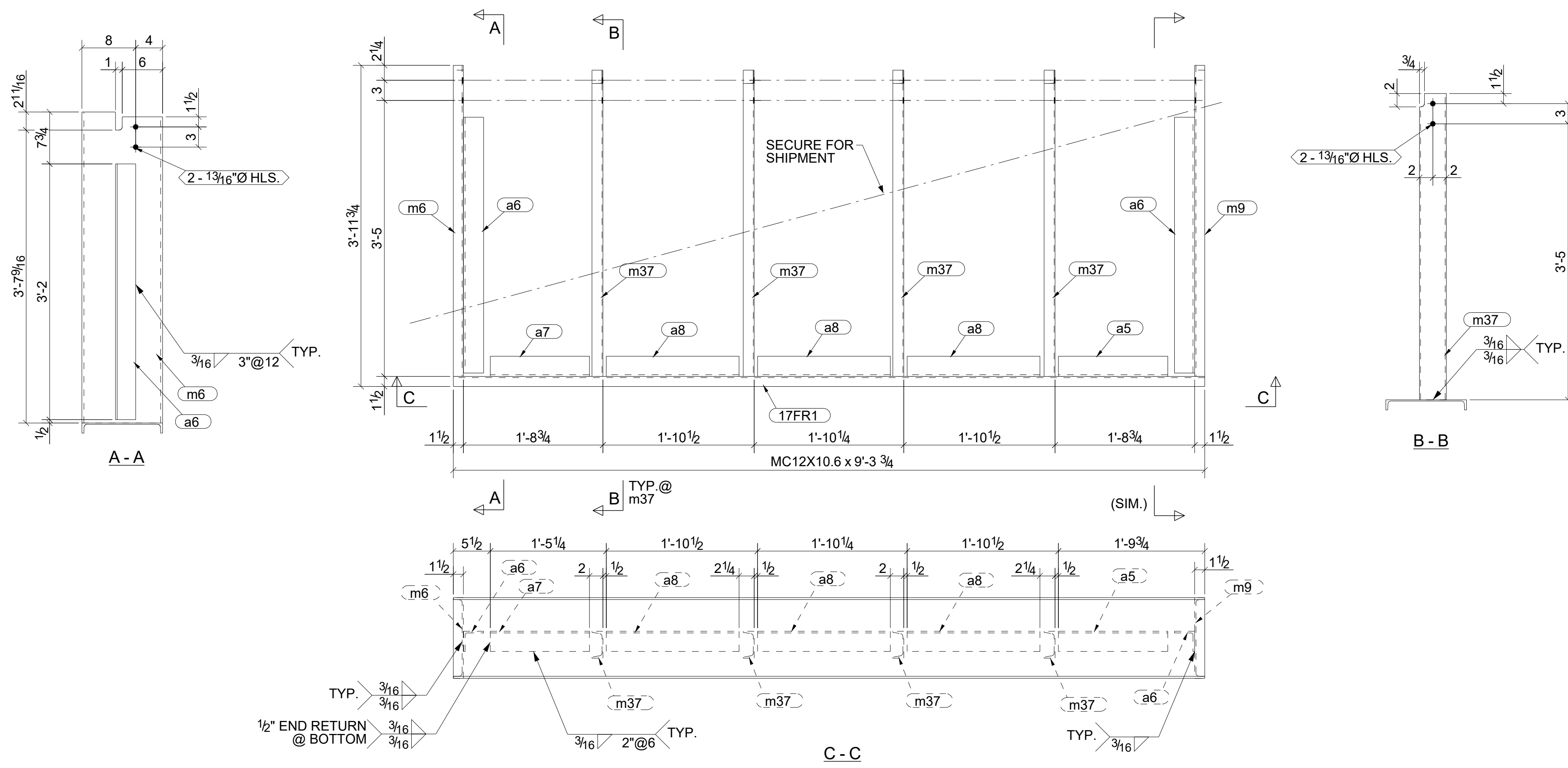
ONE - CANERAIL - 16CR1



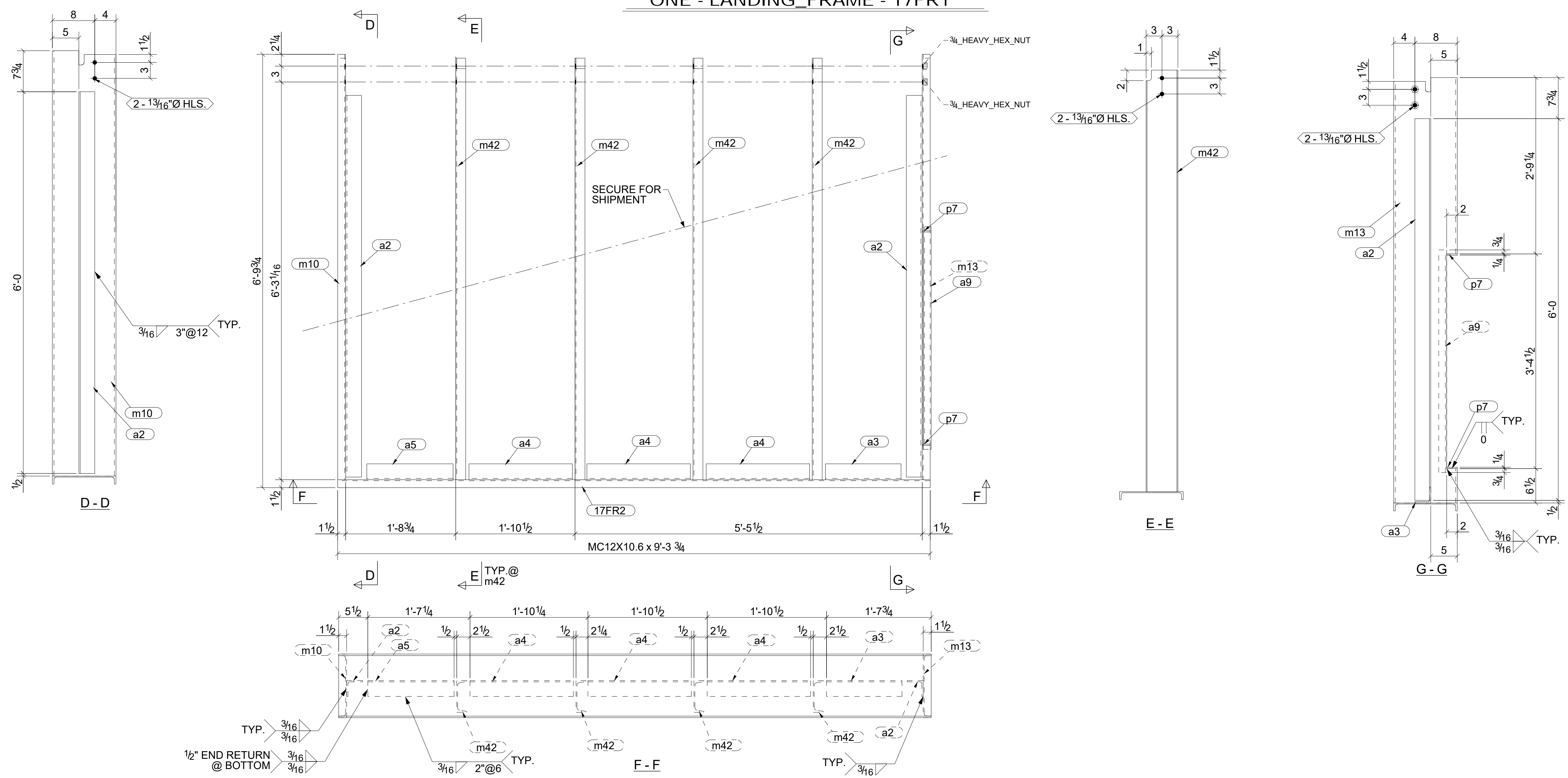
ONE - GUARDRAIL - 16GR1

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

GENERAL NOTES			JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.	
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	E1 THRU E4	SHOP
SURFACE PREP. AND PAINT:			APPROVAL
SSPC-SP3			
TNEMEC#99 PRIMER			
DESCRIPTION: GUARDRAIL			
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS			
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048			
CONTRACTOR			
DRAWN BY A. K.		DATE 11/13/2022	
CHKD. BY ABS		DATE 09/18/2022	
JOB No.	DRG. No.	REV.	
.....	16	0	



ONE - LANDING_FRAME - 17FR1



ONE - LANDING_FRAME - 17FR2

BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 17FR1	1	MC12X10.6	9'-3 3/4"		SQ-2 A36
	1	L3X3X1/4	1'-4 1/4"	a5	A36
	2	L3X3X1/4	3'-2"	a6	A36
	1	L3X3X1/4	1'-2 3/4"	a7	A36
	3	L3X3X1/4	1'-7 3/4"	a8	A36
1 17FR2	1	MC12X10.6	3'-10 1/4"	m6	A36
	1	MC12X10.6	3'-10 1/4"	m9	A36
	4	C4X4.5	3'-9 1/2"	m37	A36
	1	MC12X10.6	9'-3 3/4"		SQ-2 A36
1 17FR2	2	L3X3X1/4	6'-0"	a2	A36
	1	L3X3X1/4	1'-2 1/4"	a3	A36
	3	L3X3X1/4	1'-7 1/2"	a4	A36
	1	L3X3X1/4	1'-4 1/4"	a5	A36
	1	L1-1/2X1-1/2X1/4	3'-6"	a9	A36
	1	MC12X10.6	6'-8 1/4"	m10	A36
	1	MC12X10.6	6'-8 1/4"	m13	A36
	4	C6X8.2	6'-7 9/16"	m42	A36
	2	PL1/4\"/>			

0 For Fabrication 12/20/2022 A. K. ABS

A For Approval 09/19/2022 A. K. ABS

REV.	DESCRIPTION	DATE	DWN	CHK

GENERAL NOTES

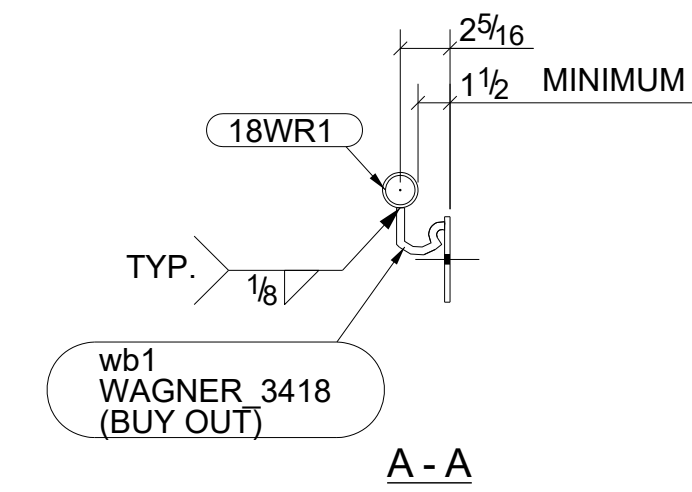
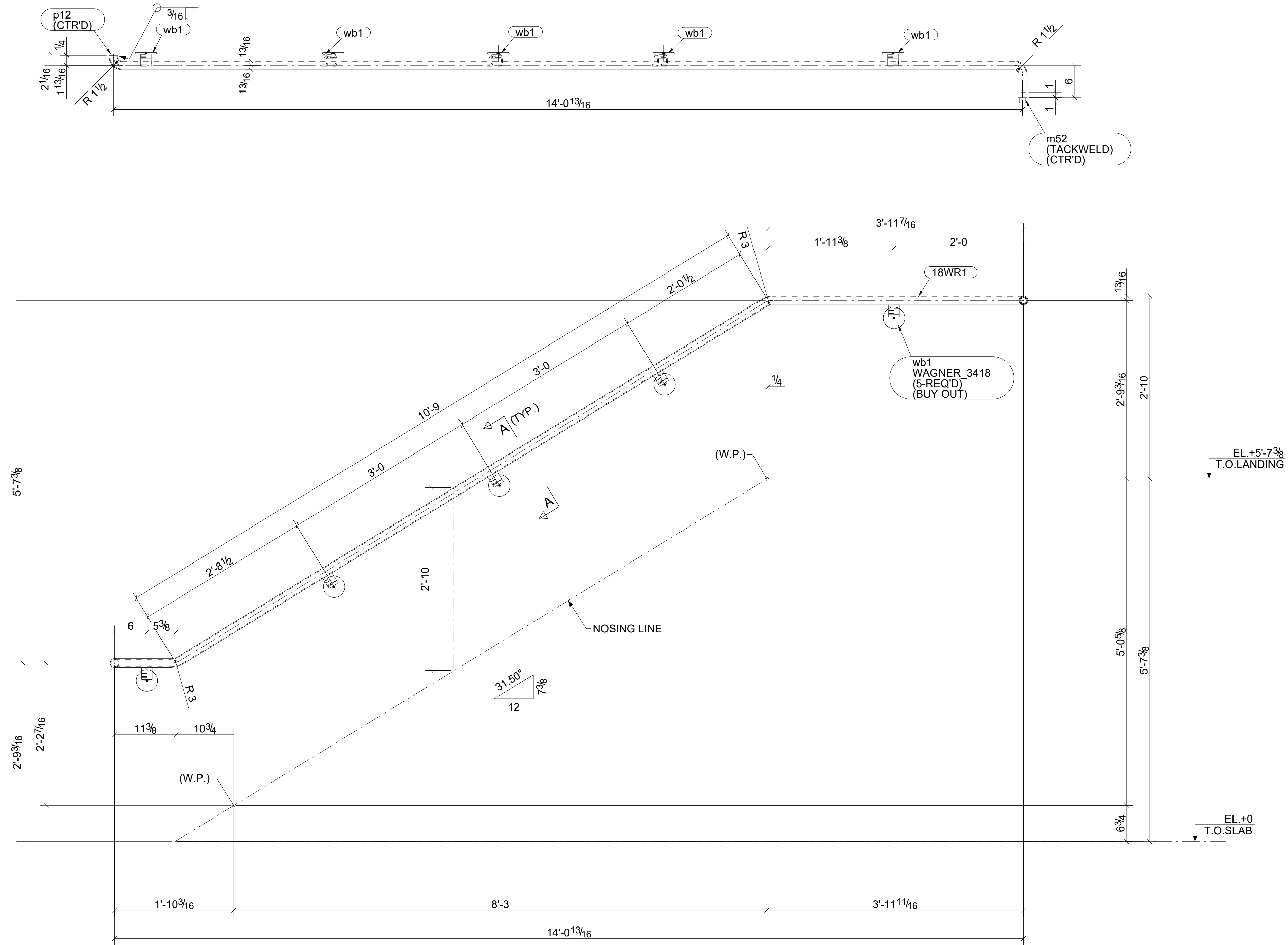
MATERIAL: A36 (U.N.O.) ELECTRODES: AWS E70XX REF. DRG. E1 THRU E4

HOLES: 13/16 DIA. UN CONNS: 3/4\"/>

DRAWN BY A. K.	DATE 11/13/2022
CHKD. BY ABS	DATE 09/18/2022
JOB No.	DRG. No. 17
.....	REV. 0

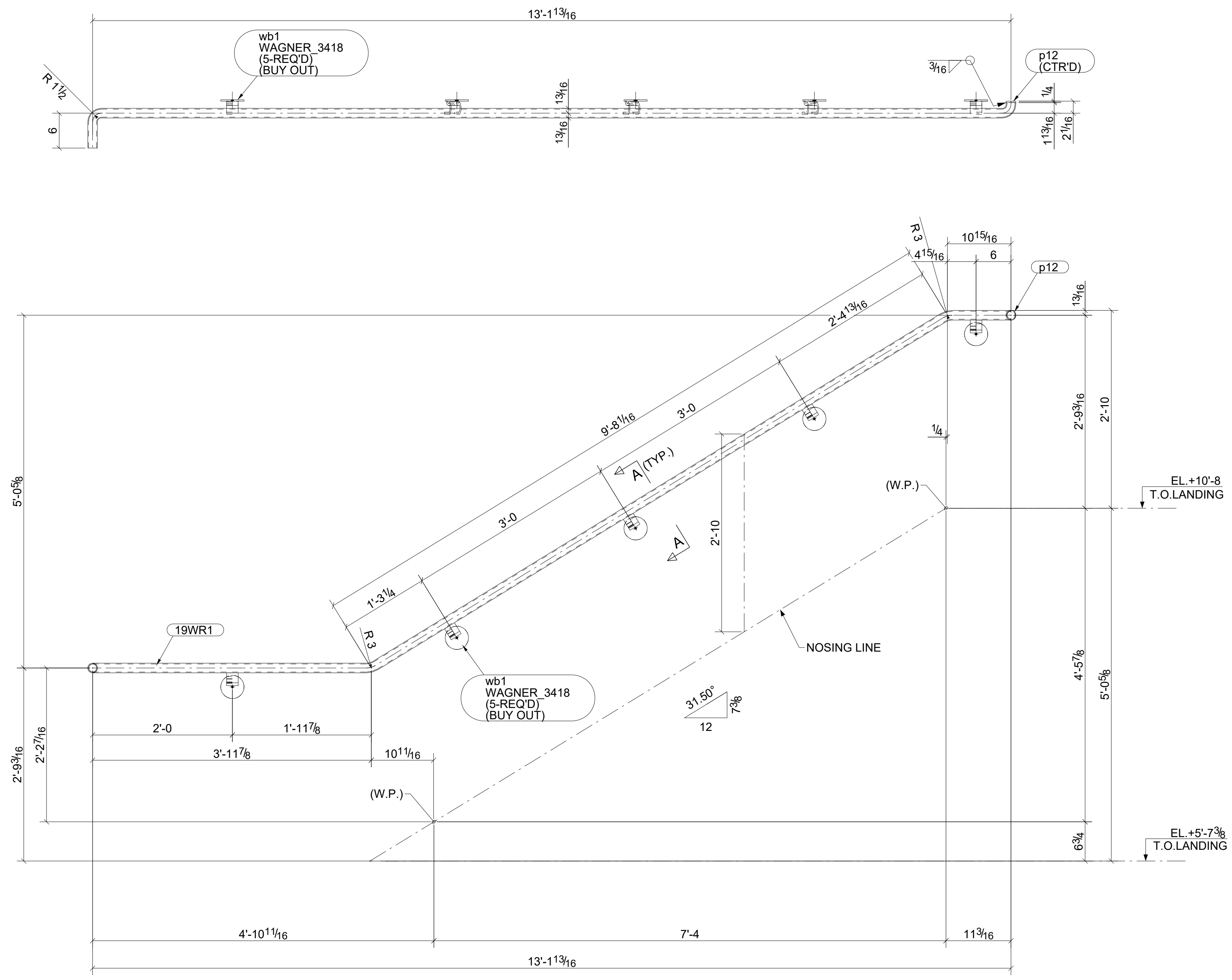
BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 18WR1	1	PIPE1-1/4SCH40	16'-2 1/4"		BEV-2 A53
	1	PIPE1SCH40	0'-2"	m52	A53
	1	PL1/4"x1 11/16"	0'-1 11/16"	p12	A36
	5	WAGNER_3418		wb1	A36 NONE BOI

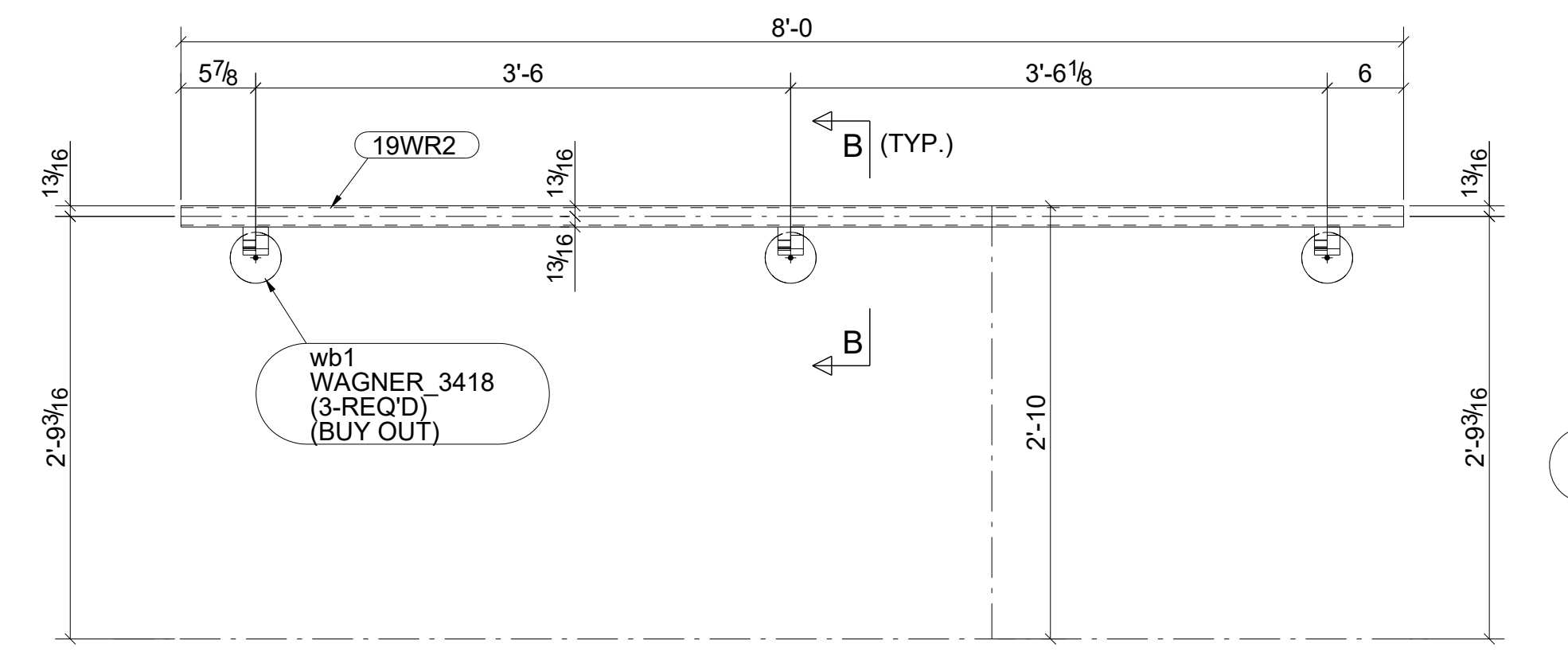
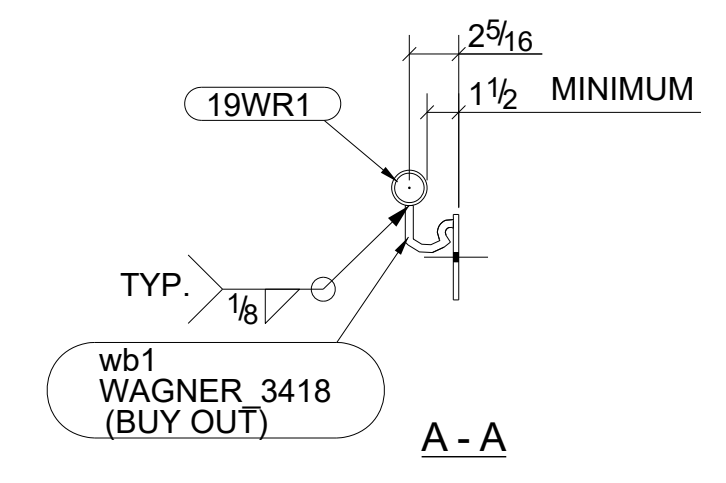


ONE - WALLRAIL - 18WR1

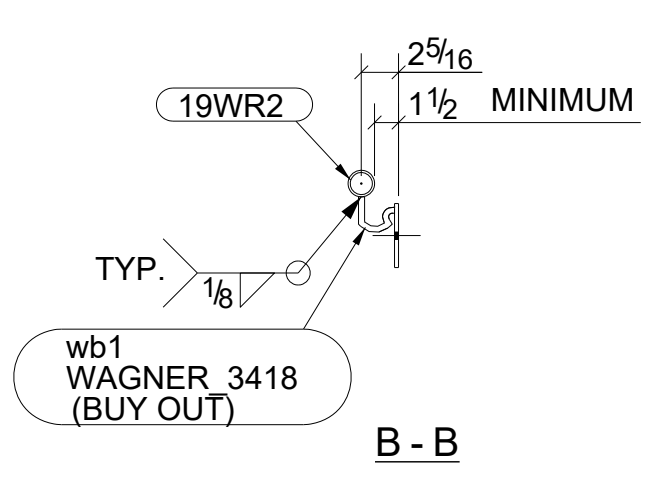
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
GENERAL NOTES				
MATERIAL: A36 (U.N.O.)		ELECTRODES: AWS E70XX	REF. DRG.	
HOLES: 13/16 DIA. UN		CONNYS: 3/4" Ø BOLTS (U.N.O.)	E1 THRU E4	
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER			JOB USE SHOP APPROVAL	
DESCRIPTION: WALLRAIL				
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS				
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048				
CONTRACTOR				
DRAWN BY A. K.			DATE 11/13/2022	
CHKD. BY ABS			DATE 09/18/2022	
JOB No.			DRG. No. 18	
			REV. 0	



ONE - WALLRAIL - 19WR1



ONE - WALLRAIL - 19WR2

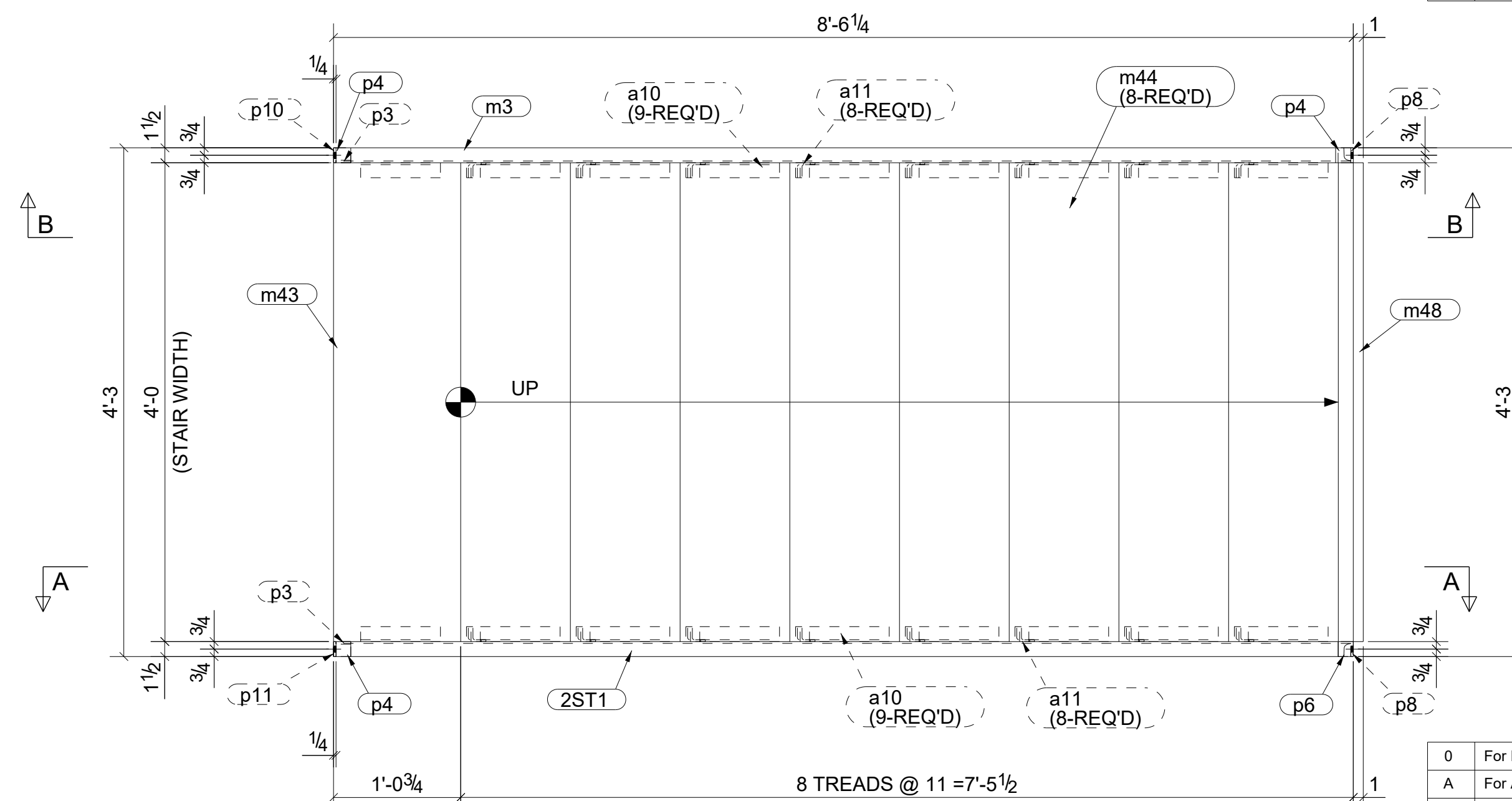
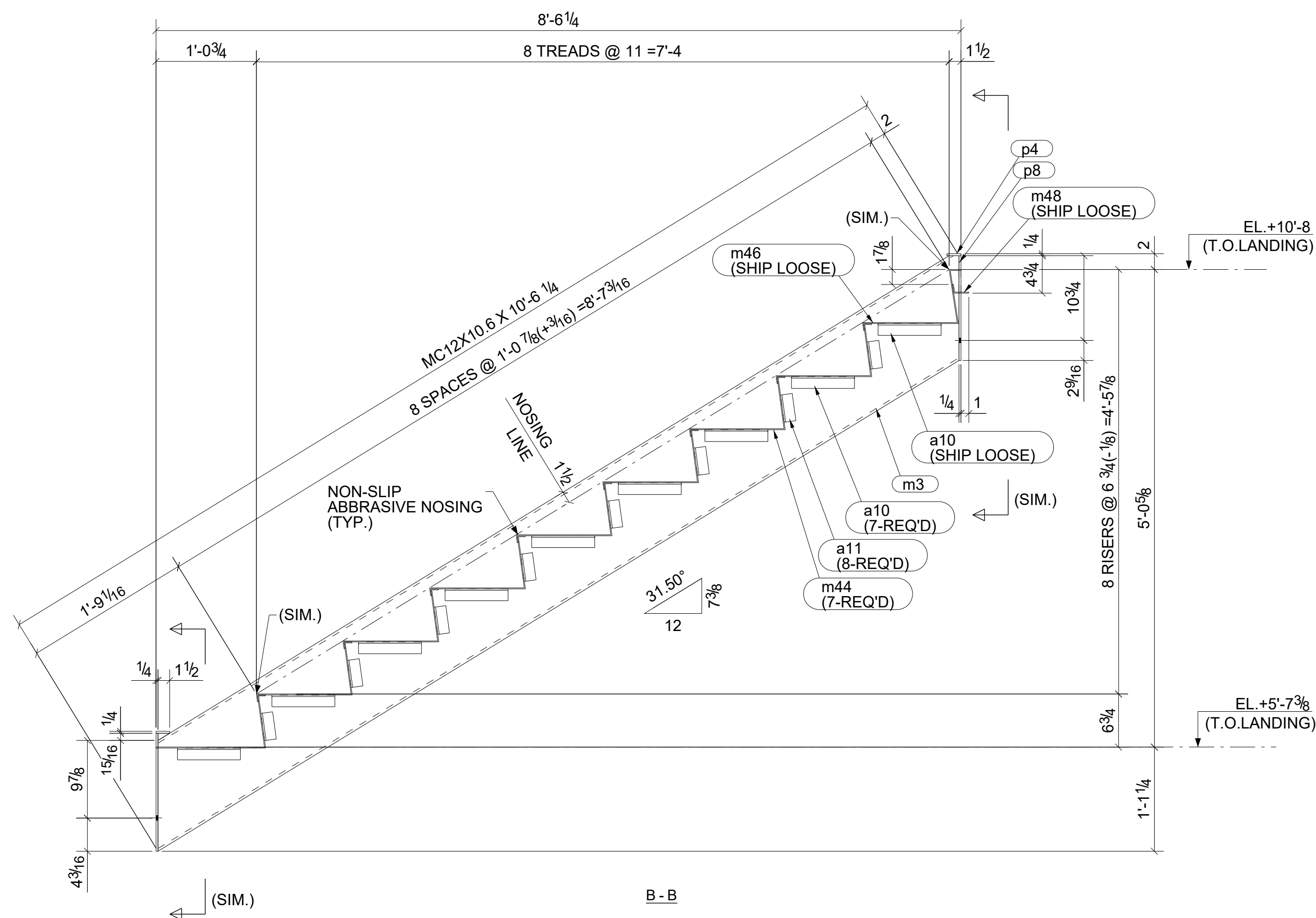
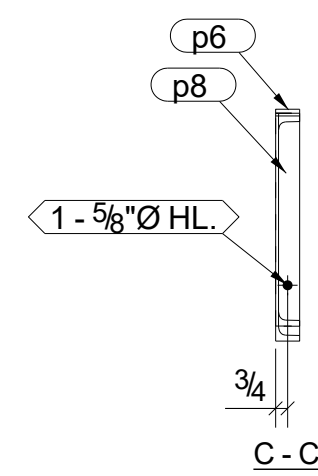
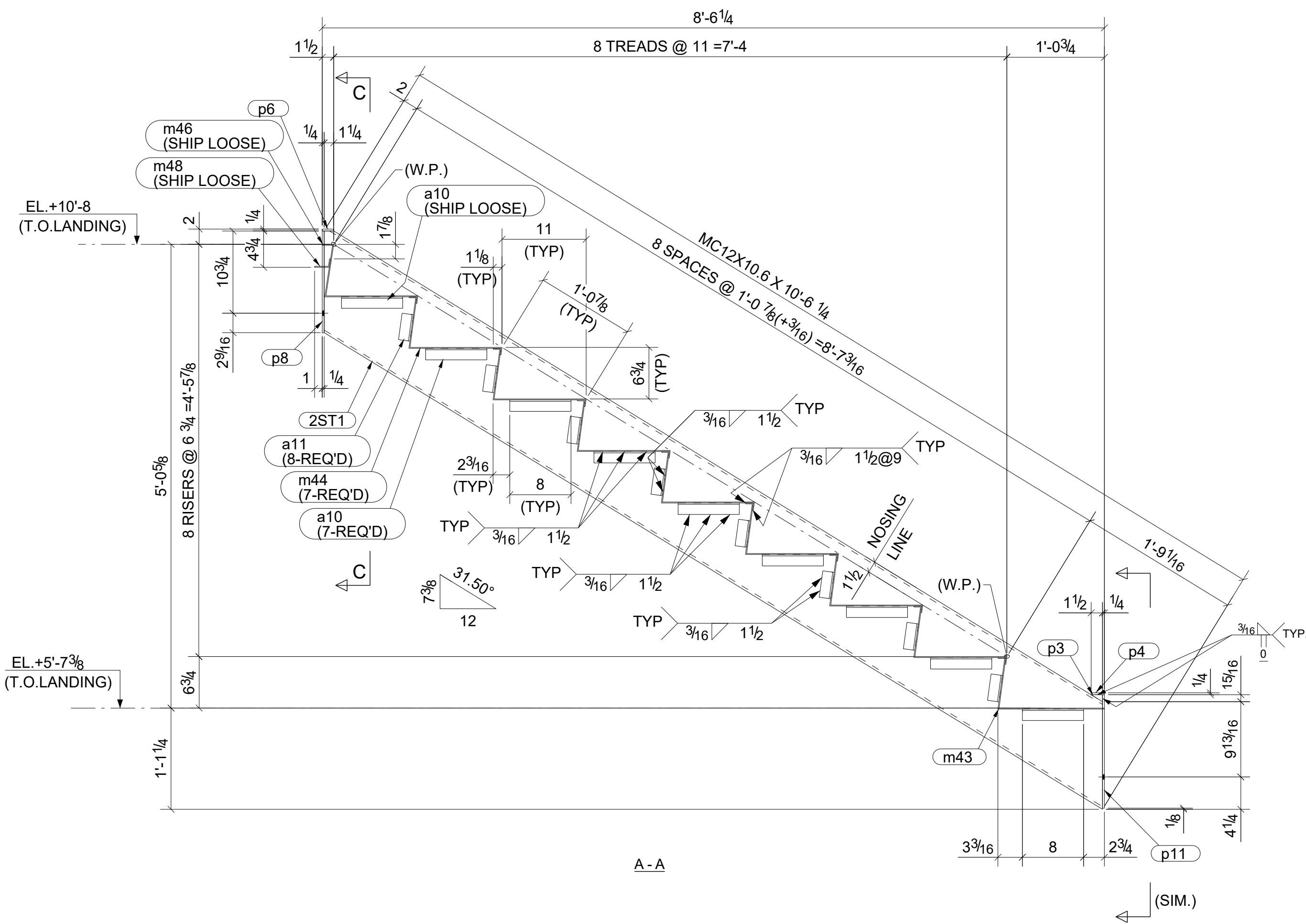


BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 19WR1	1	PIPE1-1/4SCH40	15'-1 3/8"		BEV-2 A53
	1	PL1/4\"X1 11/16"	0'-1 11/16"	p12	A36
	5	WAGNER_3418		wb1	A36 NONE BOI
1 19WR2	1	PIPE1-1/4SCH40	8'-0"		SQ-2 A53
	3	WAGNER_3418		wb1	A36 NONE BOI

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

GENERAL NOTES			JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.	
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	E1 THRU E4	SHOP
SURFACE PREP. AND PAINT:			APPROVAL
SSPC-SP3			
TNEMEC#99 PRIMER			
DESCRIPTION: WALLRAIL			
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS			
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048			
CONTRACTOR			
DRAWN BY A. K.		DATE 11/13/2022	
CHKD. BY ABS		DATE 09/18/2022	
JOB No.	DRG. No. 19	REV. 0	



BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	2ST1	1	MC12X10.6	10'-6 1/4"		BEV-2 A36
		18	L1-1/2X1-1/2X3/16	0'-8"	a10	A36
		16	L1-1/2X1-1/2X3/16	0'-3 1/2"	a11	A36
		1	MC12X10.6	10'-6 1/4"	m3	A36
		1	SHT11GAX21 3/16"	4'-0"	m43	A36
		7	SHT11GAX20 1/8"	4'-0"	m44	A36
		1	SHT11GAX20 3/4"	4'-0"	m46	A36
		1	SHT11GAX2 13/16"	4'-0"	m48	A36
		2	PL1/4\"X15/16"	0'-1 1/2"	p3	A36
		3	PL1/4\"X1 1/2"	0'-1 3/4"	p4	A36
		1	PL1/4\"X1 1/2"	0'-1 1/2"	p6	A36
		2	PL1/4\"X1 1/2"	1'-1 5/16"	p8	A36
		1	PL1/4\"X1 1/2"	1'-3"	p10	A36
		1	PL1/4\"X1 1/2"	1'-2 13/16"	p11	A36

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

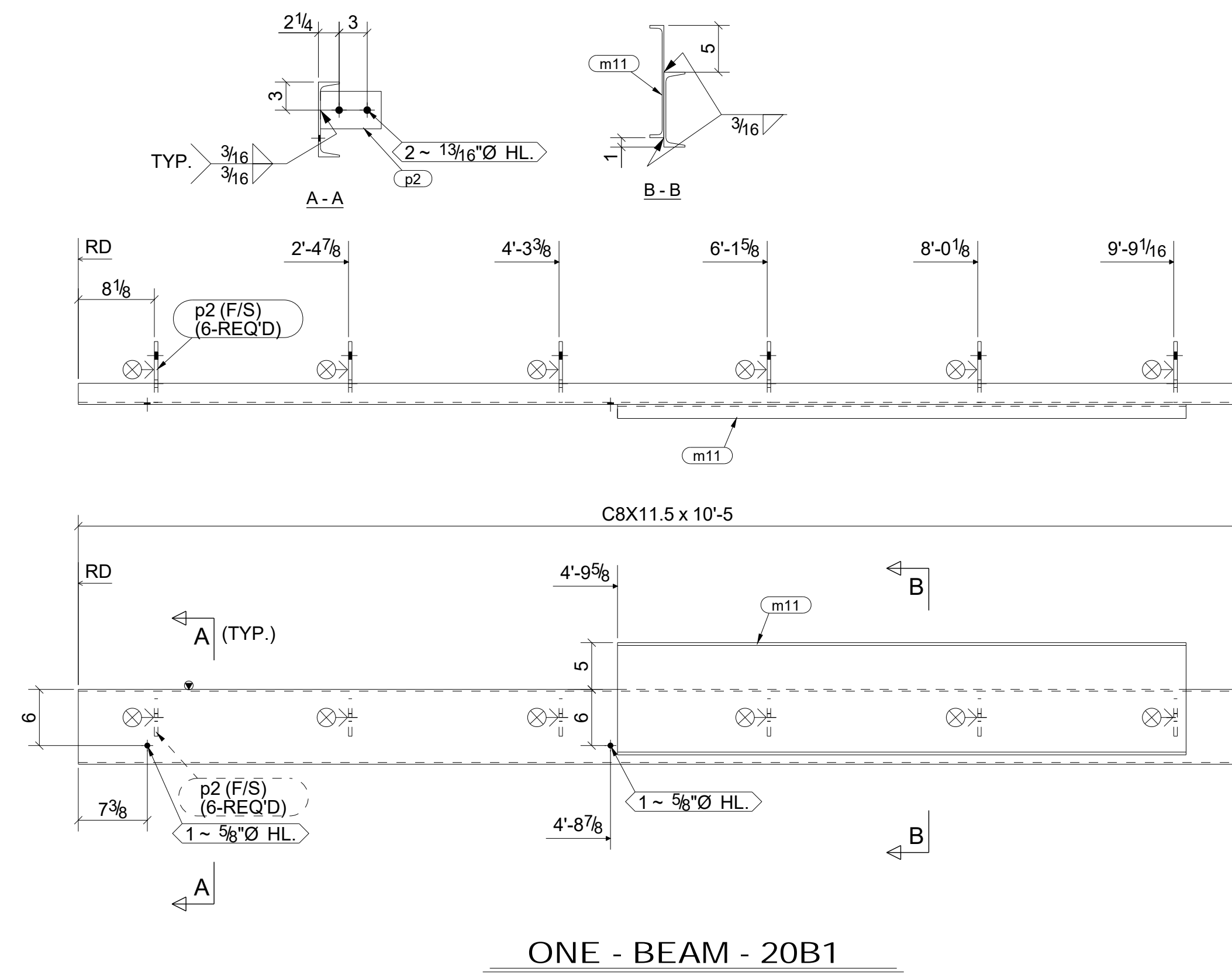
GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.
HOLES: 13/16 DIA. UN	CONN'S: 3/4" Ø BOLTS (U.N.O.)	E1 THRU E4
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER		SHOP
DESCRIPTION: STAIR		APPROVAL
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		

DRAWN BY	DATE
A. K.	09/18/2022
CHKD. BY	DATE
ABS	09/18/2022
JOB No.	DRG. No.
.....	2
REV.	
.....	0

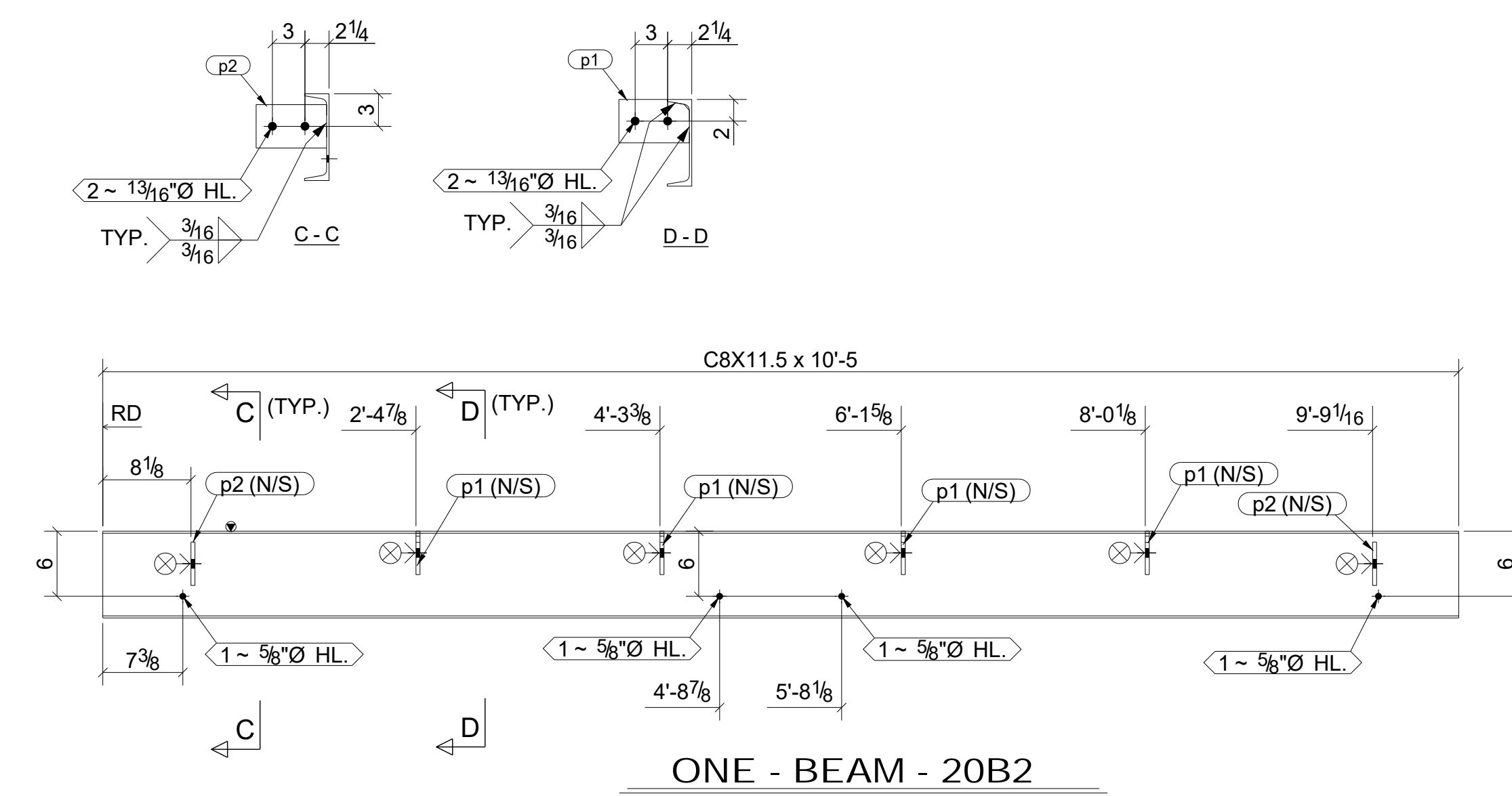
ONE - STAIR - 2ST1

BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 20B1	1	C8X11.5	10'-5"		SQ-2 A36
	1	MC12X10.6	5'-0 3/4"	m11	A36
	6	PL3/8"X4"	0'-6 1/2"	p2	A36
1 20B2	1	C8X11.5	10'-5"		SQ-2 A36
	4	PL3/8"X4"	0'-6 1/2"	p1	A36
	2	PL3/8"X4"	0'-6 1/2"	p2	A36

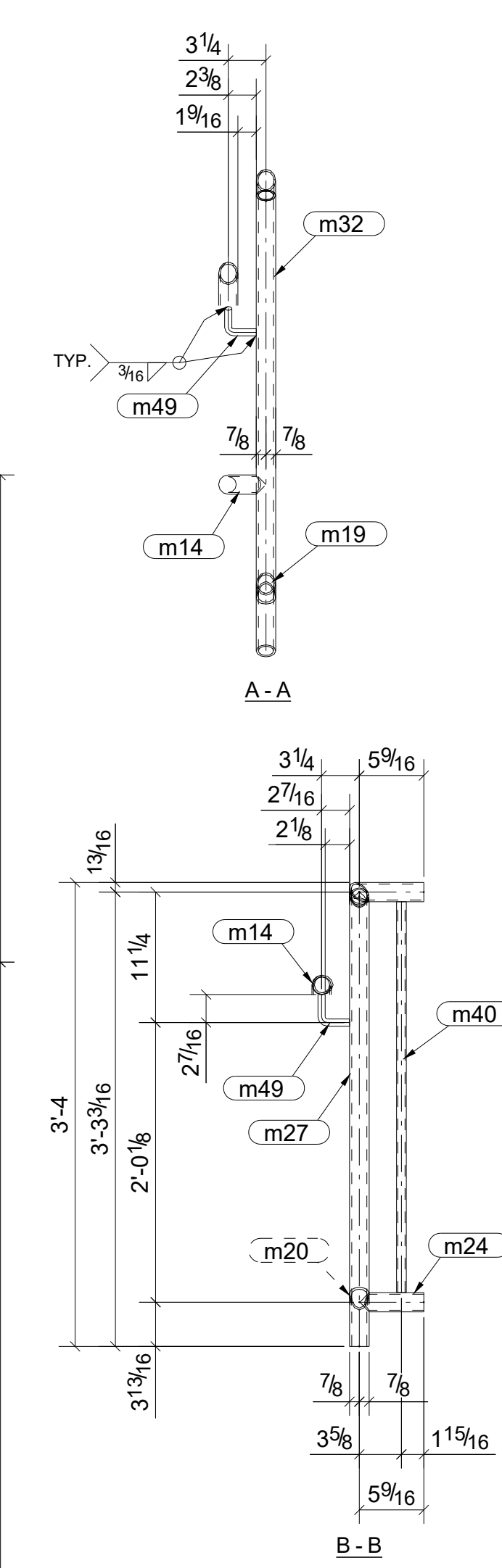
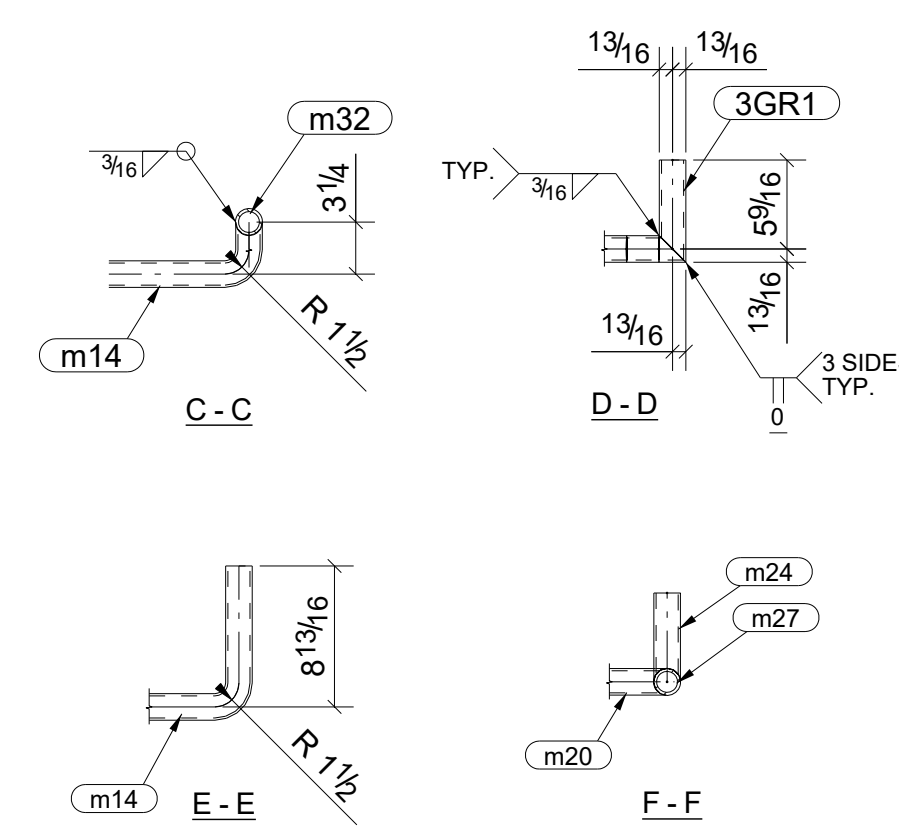
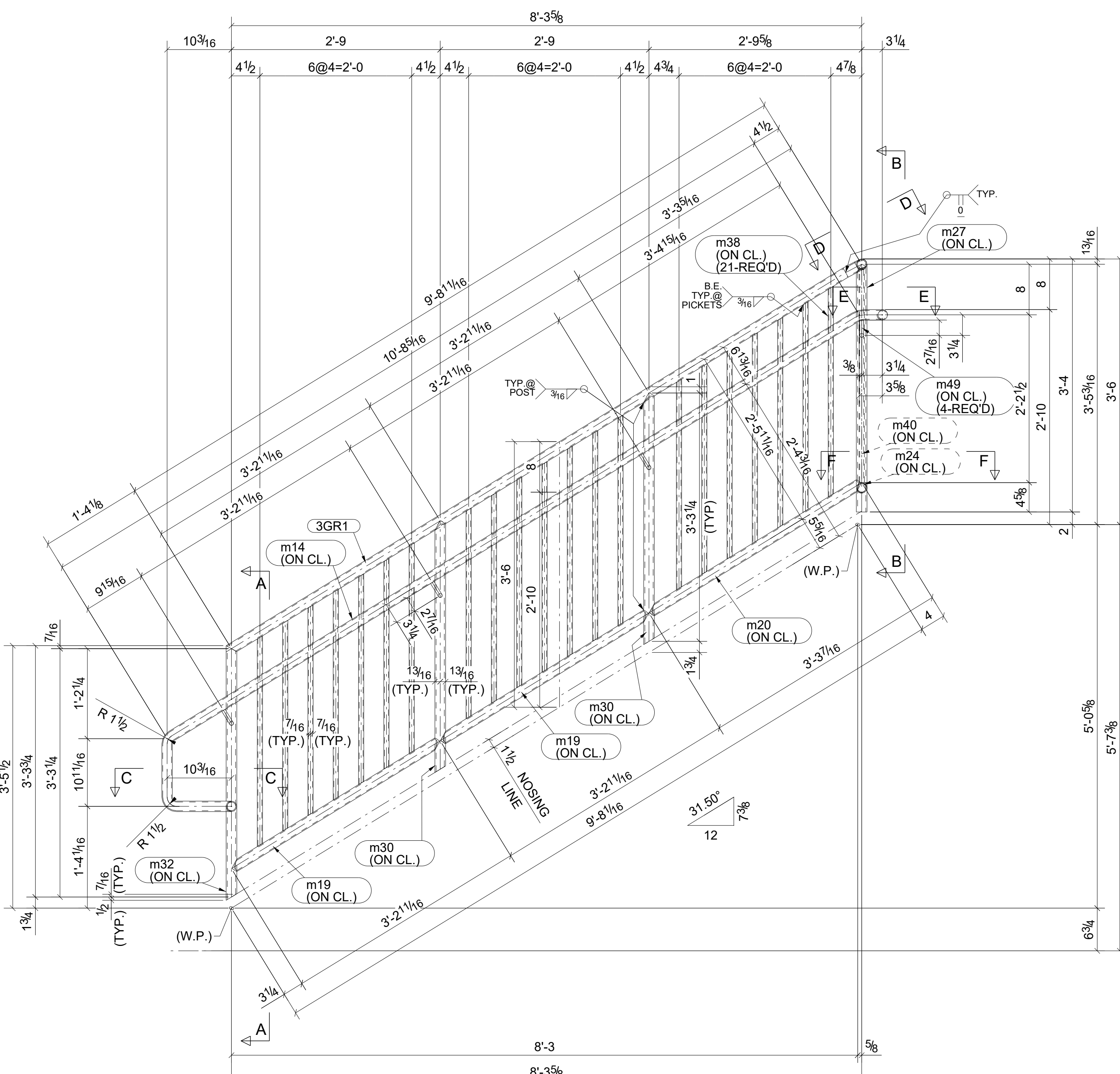
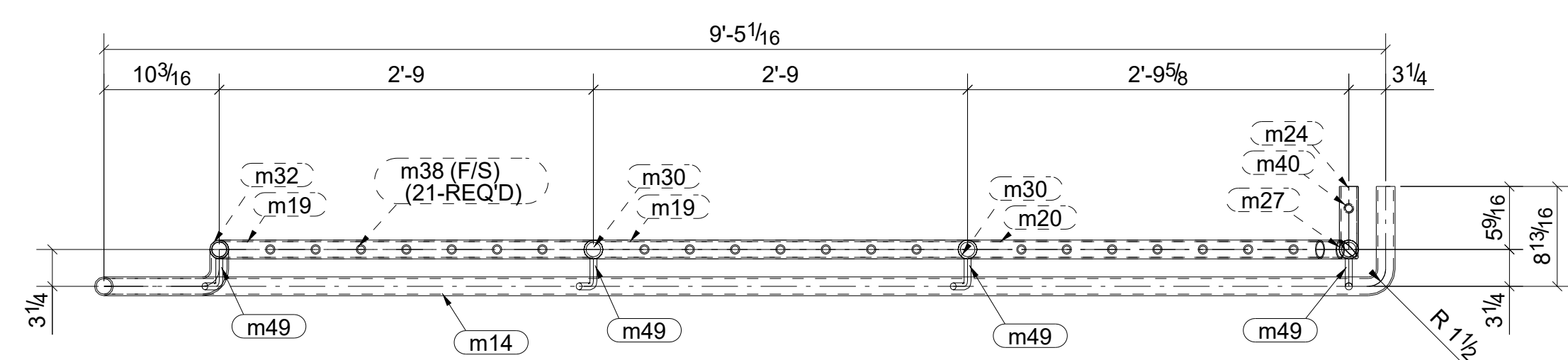


ONE - BEAM - 20B1



ONE - BEAM - 20B2

0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<p>GENERAL NOTES</p> <p>MATERIAL: A36 (U.N.O.) ELECTRODES: AWS E70XX REF. DRG. E1 THRU E4</p> <p>HOLES: 13/16 DIA. UN CONNS: 3/4\"/> </p>				<p>JOB USE</p> <p>SHOP</p> <p>APPROVAL</p>
<p>DESCRIPTION: BEAM</p> <p>PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS</p> <p>LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048</p> <p>CONTRACTOR</p>				
<p>.....</p> <p>.....</p> <p>.....</p>			<p>DRAWN BY A. K.</p> <p>CHKD. BY ABS</p> <p>JOB No.</p>	<p>DATE 11/13/2022</p> <p>DATE 09/18/2022</p> <p>DRG. No. 20</p> <p>REV. 0</p>



ONE - GUARDRAIL - 3GR1

BILL OF MATERIAL

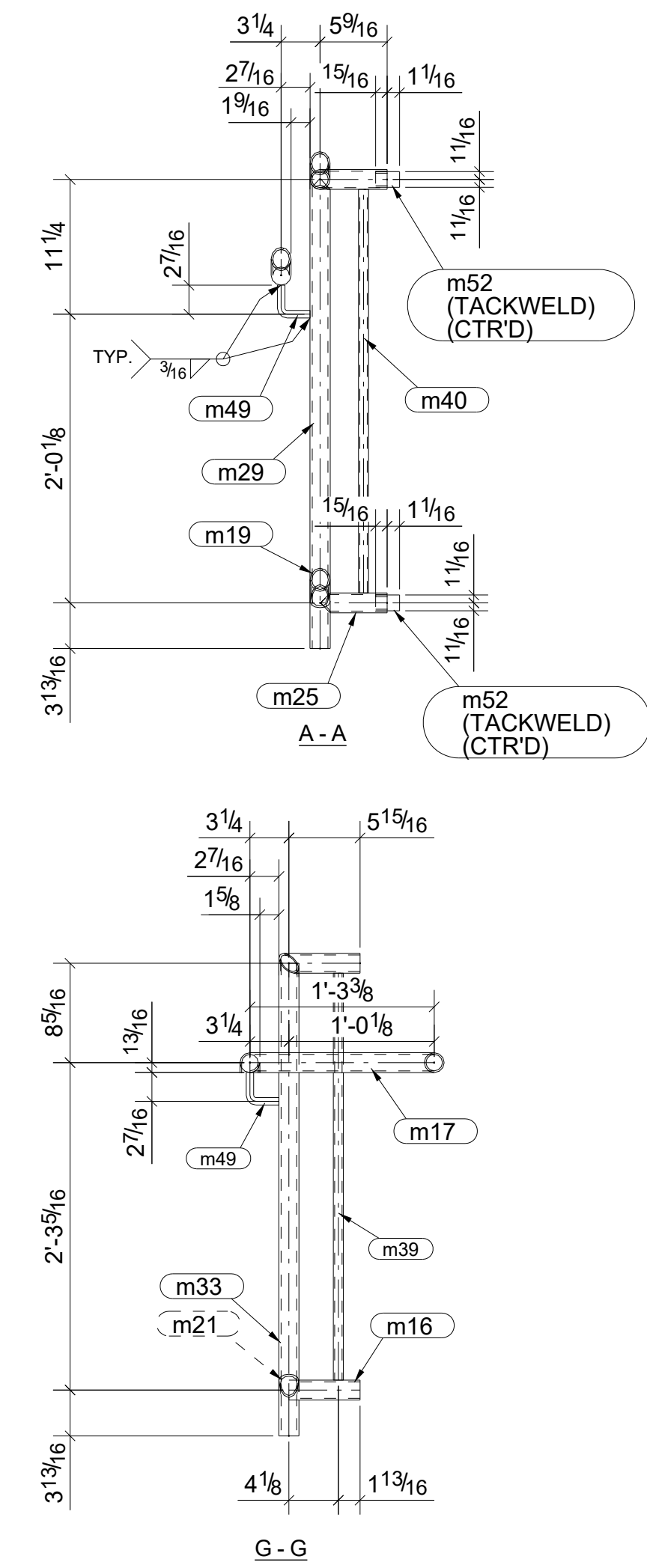
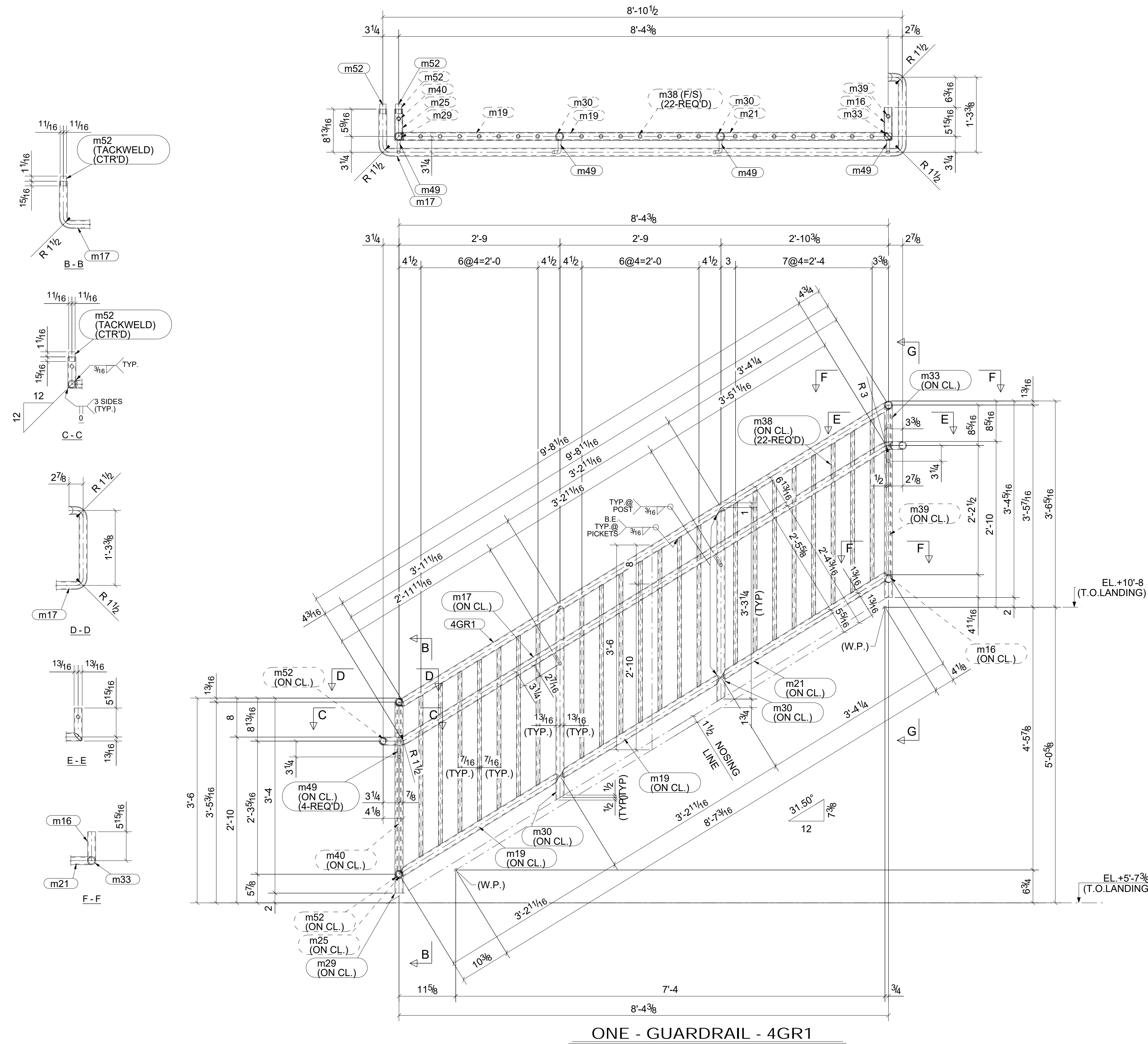
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	3GR1	1	PIPE1-1/4SCH40	10'-2 3/4"		SQ-1BEV-1 A53
		1	PIPE1-1/4SCH40	13'-6 3/4"	m14	A53
		2	PIPE1-1/4SCH40	3'-2 9/16"	m19	A53
		1	PIPE1-1/4SCH40	3'-3 5/16"	m20	A53
		1	PIPE1-1/4SCH40	0'-5 1/2"	m24	A53
		1	PIPE1-1/4SCH80	3'-3 3/16"	m27	A500-GR.C
		2	PIPE1-1/4SCH80	3'-3 13/16"	m30	A500-GR.C
		1	PIPE1-1/4SCH80	3'-4 1/4"	m32	A500-GR.C
		21	PIPE1/2STD	2'-9 3/8"	m38	A36
		1	PIPE1/2STD	2'-9 11/16"	m40	A36
		4	RBS/8"	0'-4 1/8"	m49	A36

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	E1 THRU E4
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER		APPROVAL
DESCRIPTION: GUARDRAIL		
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		
DRAWN BY A. K.		DATE 09/18/2022
CHKD. BY ABS		DATE 09/18/2022
JOB No.		DRG. No. 3
		REV. 0

BILL OF MATERIAL

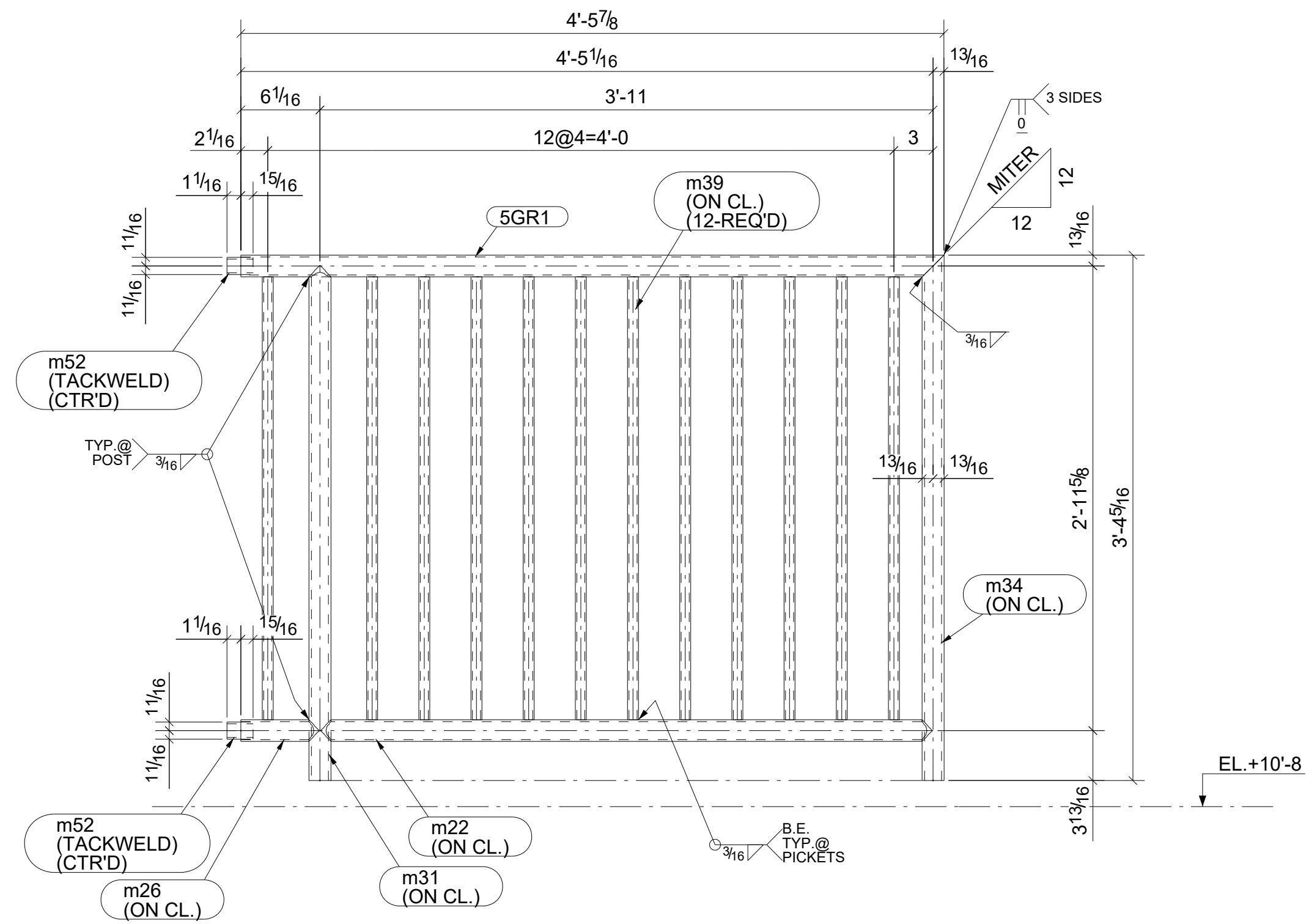
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	4GR1	1	PIPE1-1/4SCH40	10'-9 1/16"		BEV-2 A53
		1	PIPE1-1/4SCH40	0'-5 15/16"	m16	A53
		1	PIPE1-1/4SCH40	12'-4 3/4"	m17	A53
		2	PIPE1-1/4SCH40	3'-2 9/16"	m19	A53
		1	PIPE1-1/4SCH40	3'-4 1/8"	m21	A53
		1	PIPE1-1/4SCH40	0'-5 9/16"	m25	A53
		1	PIPE1-1/4SCH80	3'-3 3/16"	m29	A500-GR.C
		2	PIPE1-1/4SCH80	3'-3 13/16"	m30	A500-GR.C
		1	PIPE1-1/4SCH80	3'-3 7/16"	m33	A500-GR.C
		22	PIPE1/2STD	2'-9 3/8"	m38	A36
		1	PIPE1/2STD	2'-10"	m39	A36
		1	PIPE1/2STD	2'-9 11/16"	m40	A36
		4	RB5/8"	0'-4 1/8"	m49	A36
		3	PIPE1SCH40	0'-2"	m52	A53



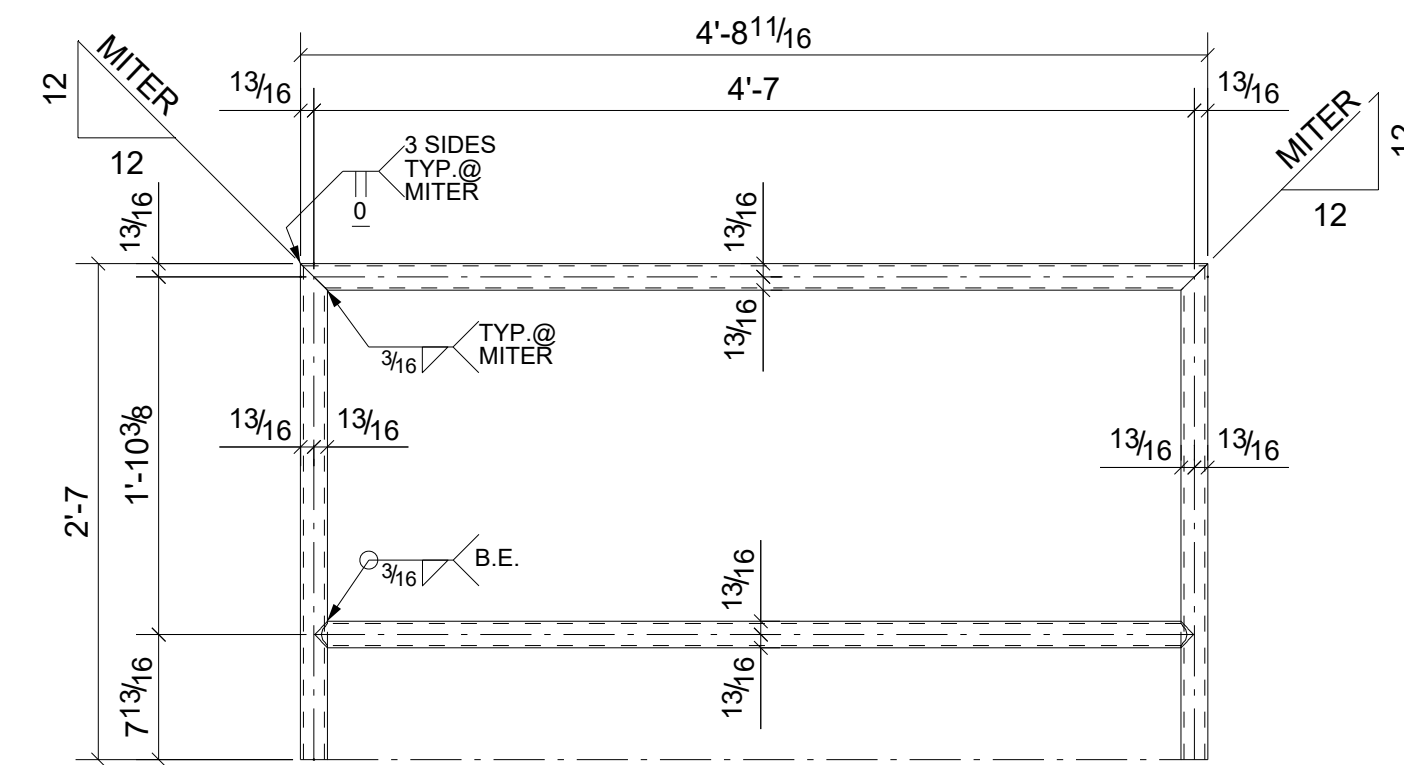
REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	E1 THRU E4
SURFACE PREP:		SHOP
AND PAINT:		APPROVAL
SSPC-SP3		
TNEMEC#99 PRIMER		
DESCRIPTION: GUARDRAIL		
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		

DRAWN BY	DATE
A. K.	09/18/2022
CHKD. BY	DATE
ABS	09/18/2022
JOB No.	DRG. No.
.....	4
REV.	REV.
.....	0



ONE - GUARDRAIL - 5GR1



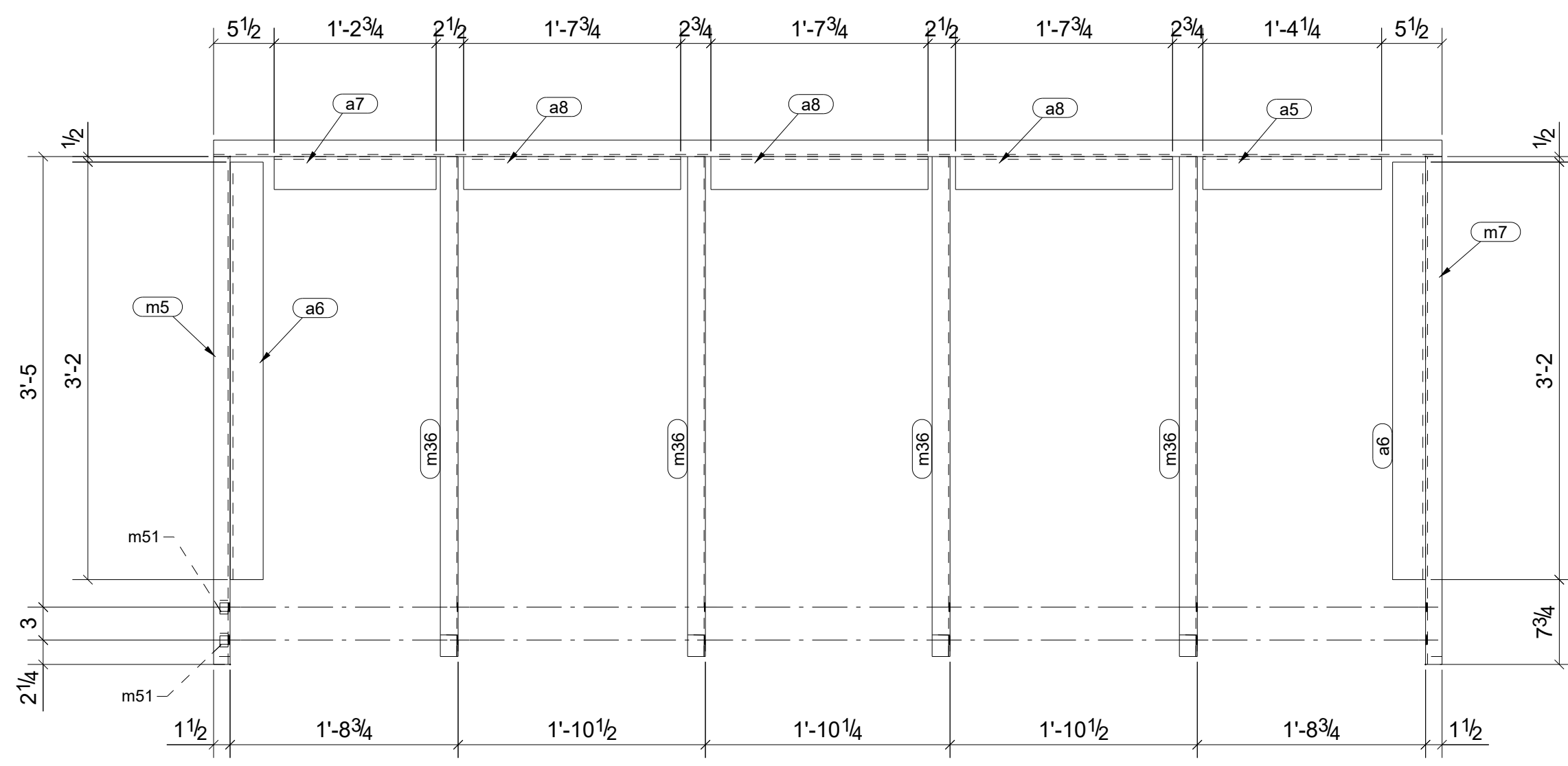
ONE - CANERAIL - 5CR1

BILL OF MATERIAL

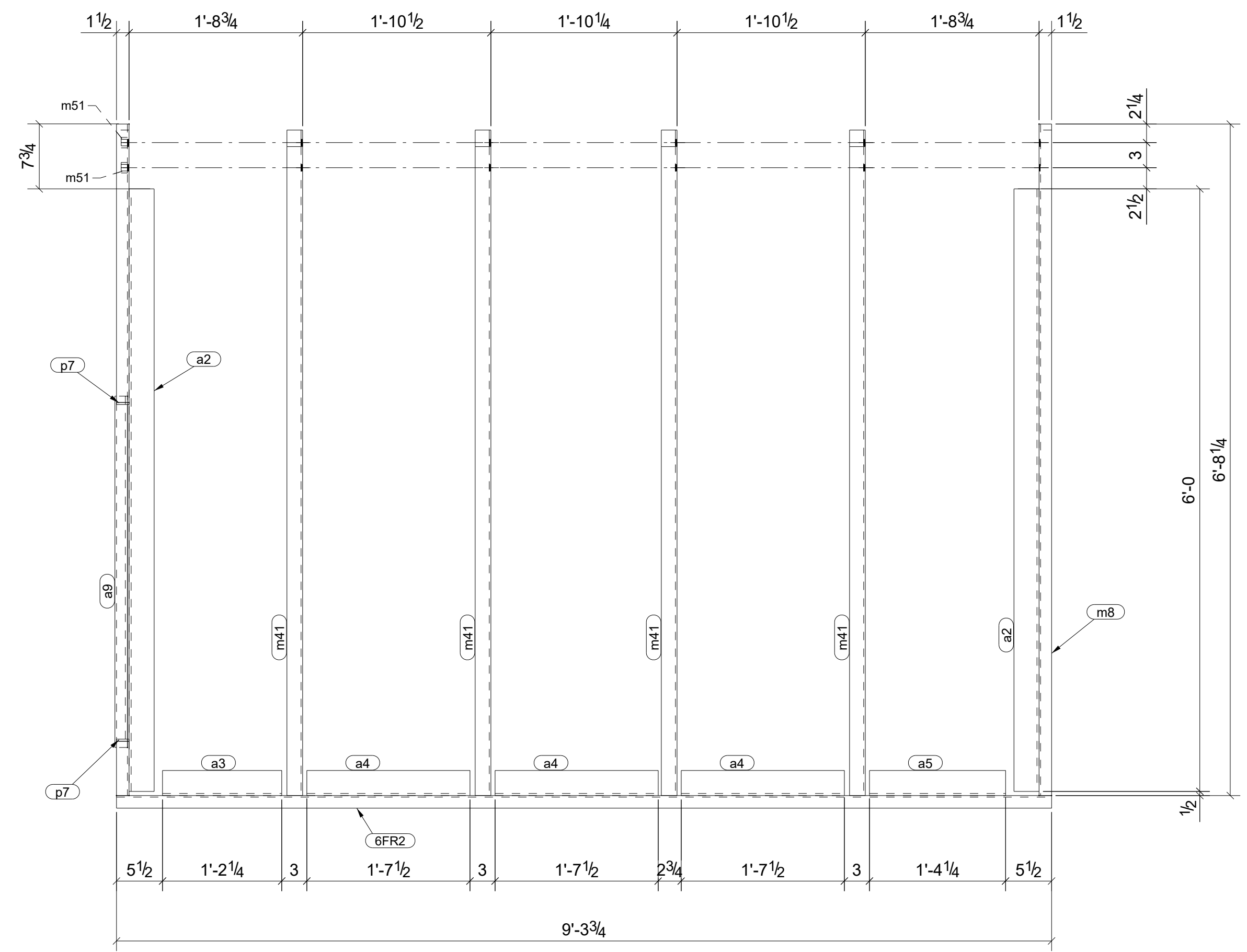
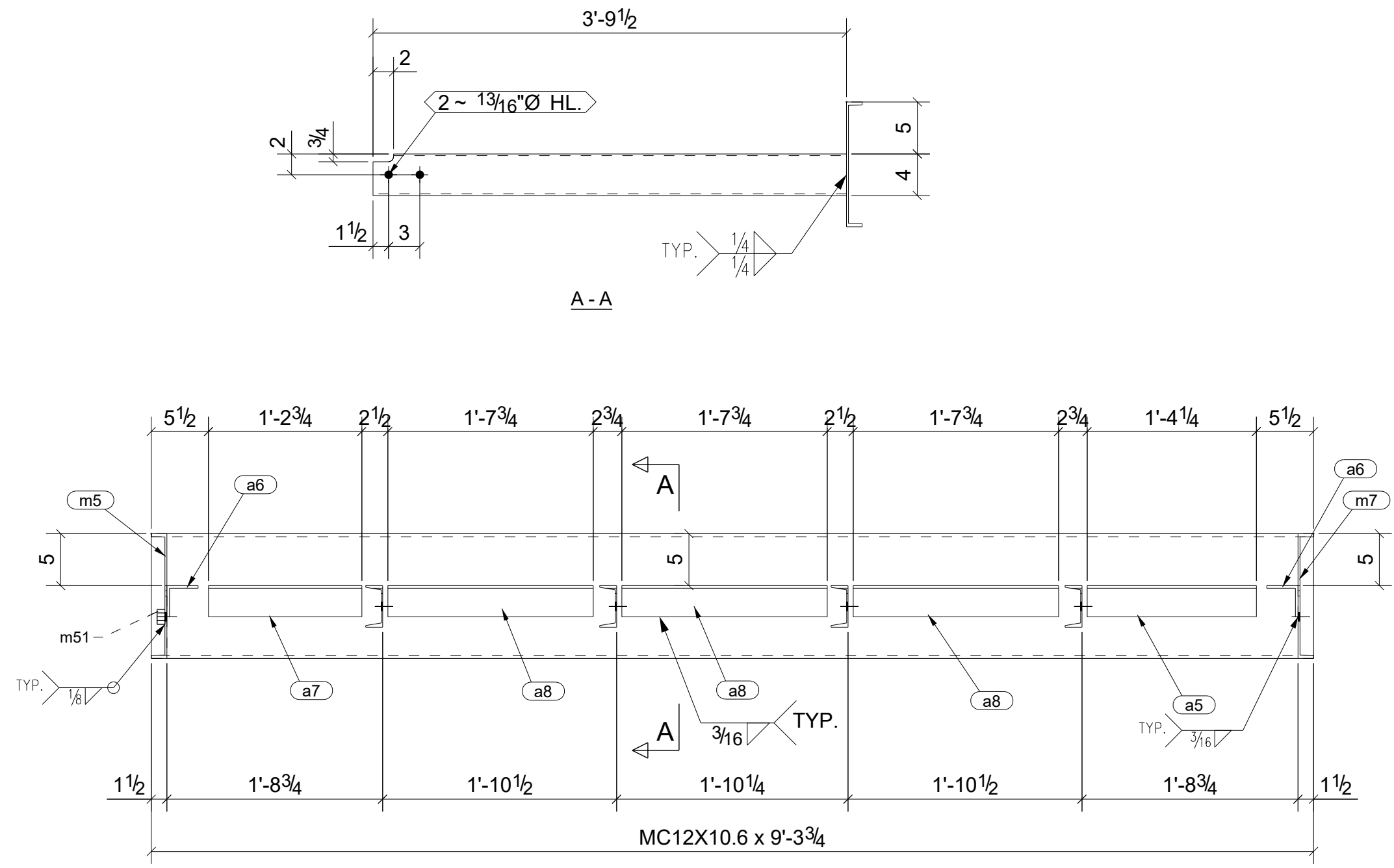
SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	5CR1	1	PIPE 1-1/4SCH40	4'-8 11/16"	BEV-2 A53
		1	PIPE 1-1/4SCH40	4'-6 15/16"	m23 A53
		2	PIPE 1-1/4SCH80	2'-7"	m35 A500-GR.C
1	5GR1	1	PIPE 1-1/4SCH40	4'-5 7/8"	SQ-1BEV-1 A53
		1	PIPE 1-1/4SCH40	3'-10 7/8"	m22 A53
		1	PIPE 1-1/4SCH40	0'-6"	m26 A53
		1	PIPE 1-1/4SCH80	3'-3 7/16"	m31 A500-GR.C
		1	PIPE 1-1/4SCH80	3'-4 5/16"	m34 A500-GR.C
		12	PIPE 1/2STD	2'-10"	m39 A36
		2	PIPE 1SCH40	0'-2"	m52 A53

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

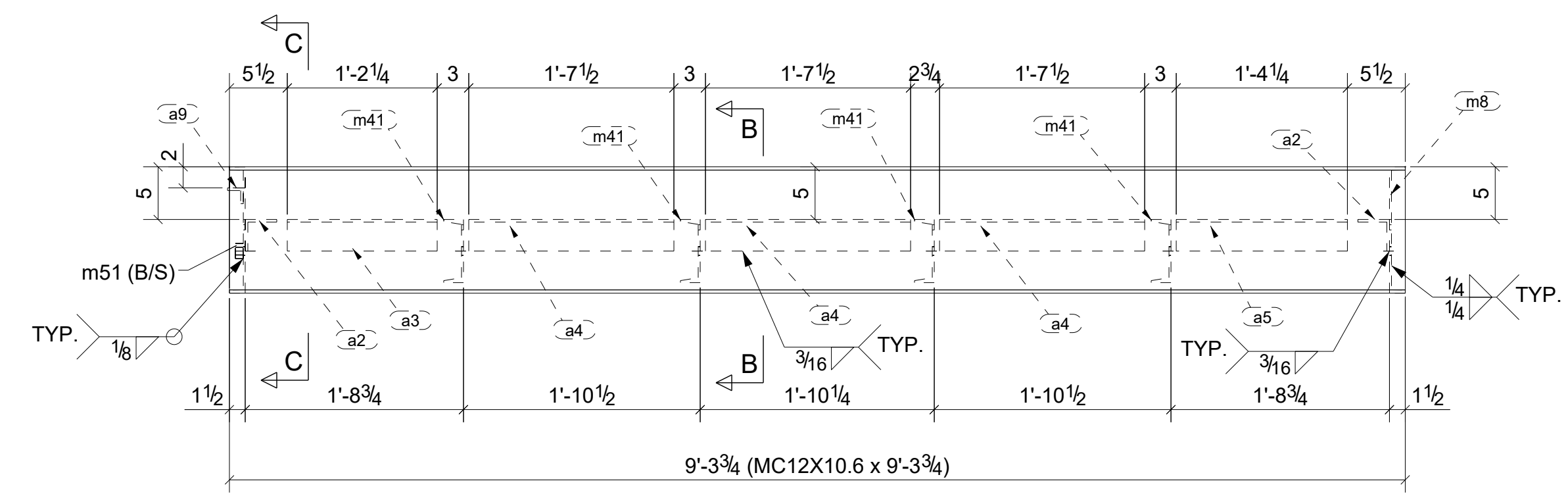
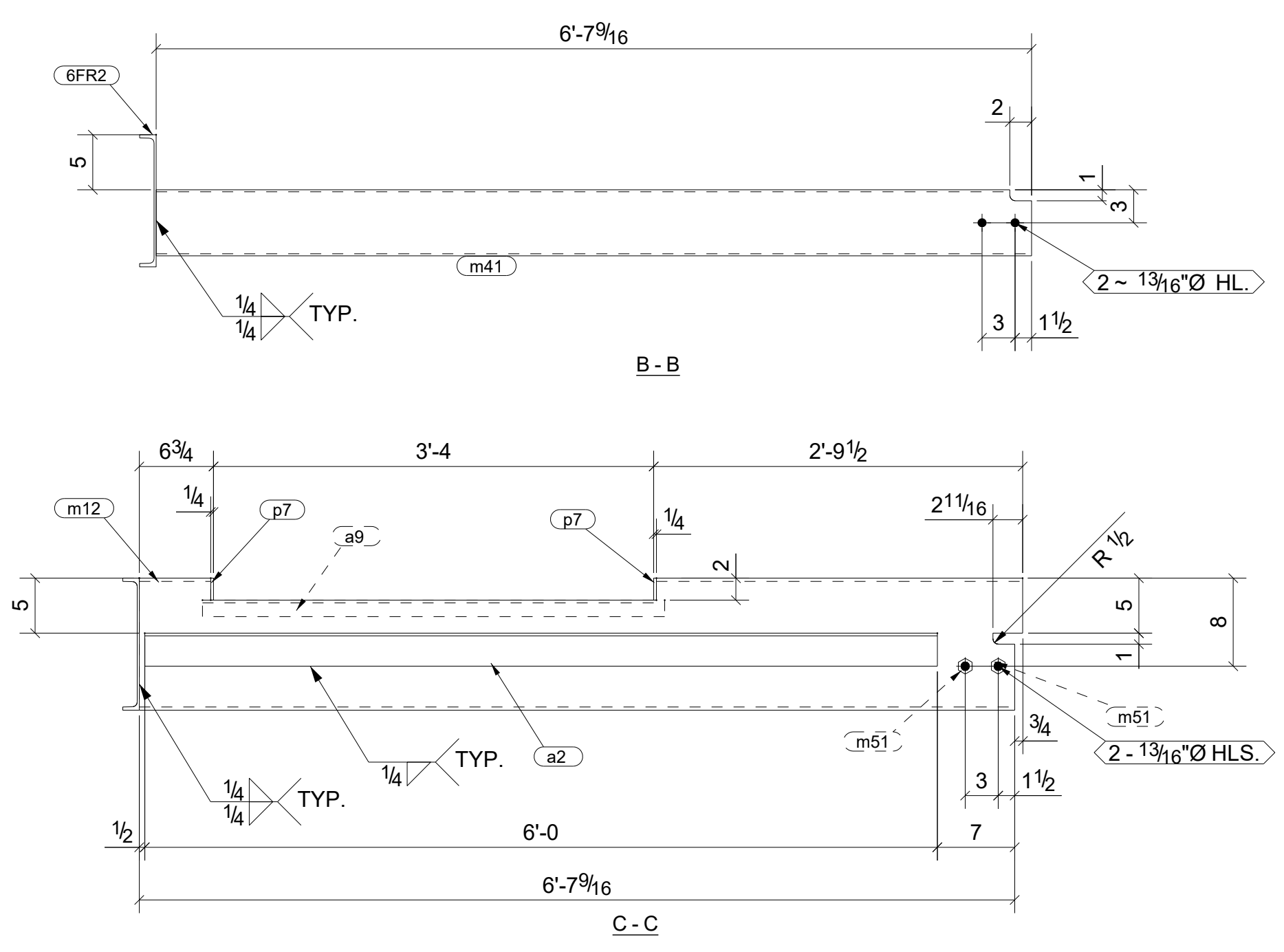
GENERAL NOTES			JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.	SHOP
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	E1 THRU E4	
SURFACE PREP. AND PAINT:			APPROVAL
SSPC-SP3 TNEMEC#99 PRIMER			
DESCRIPTION: GUARDRAIL			
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS			
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048			
CONTRACTOR			
DRAWN BY A. K.		DATE 09/18/2022	
CHKD. BY ABS		DATE 09/18/2022	
JOB No.		DRG. No.	REV.
.....		5	0



ONE - LANDING_FRAME - 6FR1



ONE - LANDING_FRAME - 6FR2



ONE - LANDING_FRAME - 6FR2

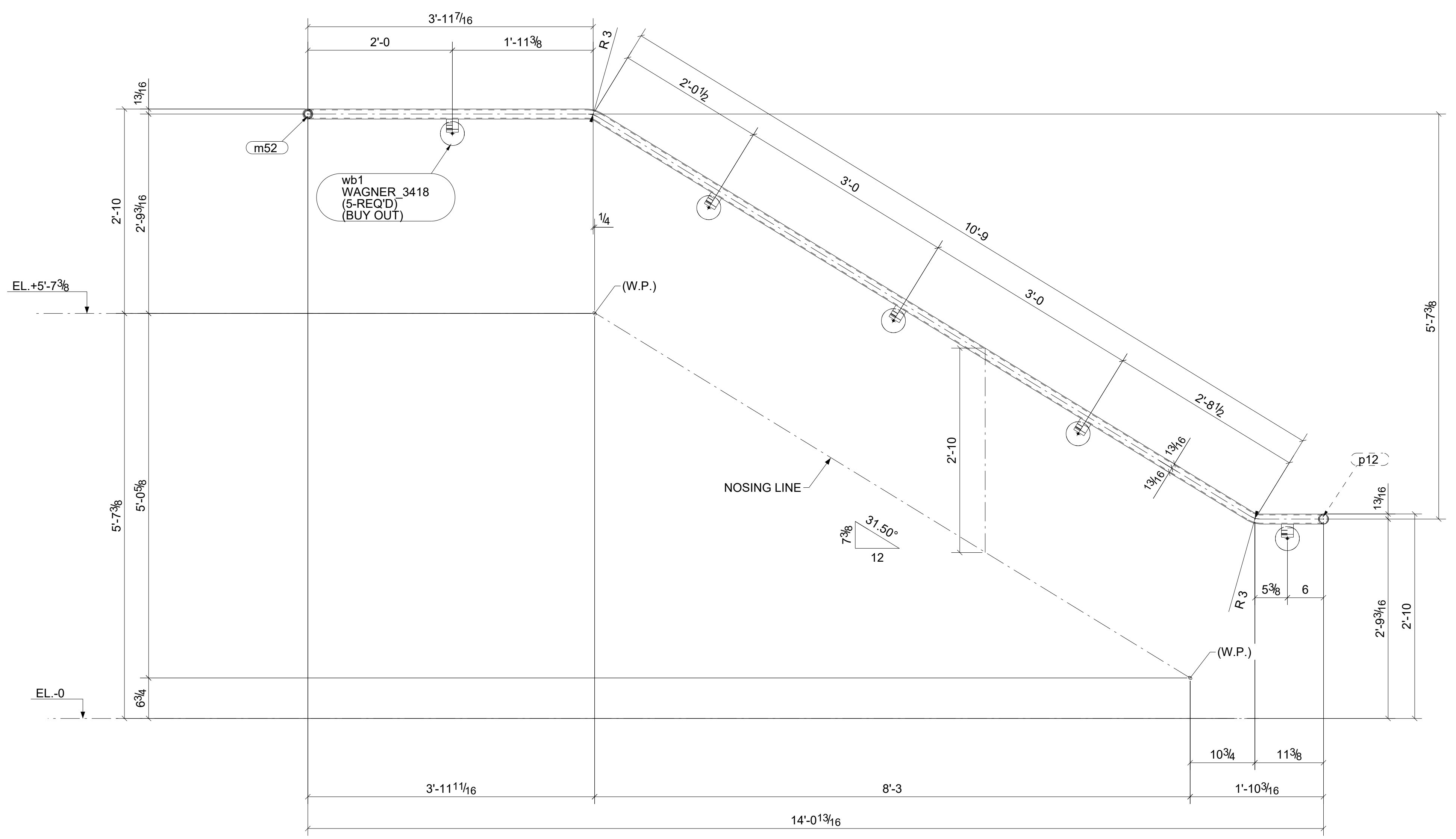
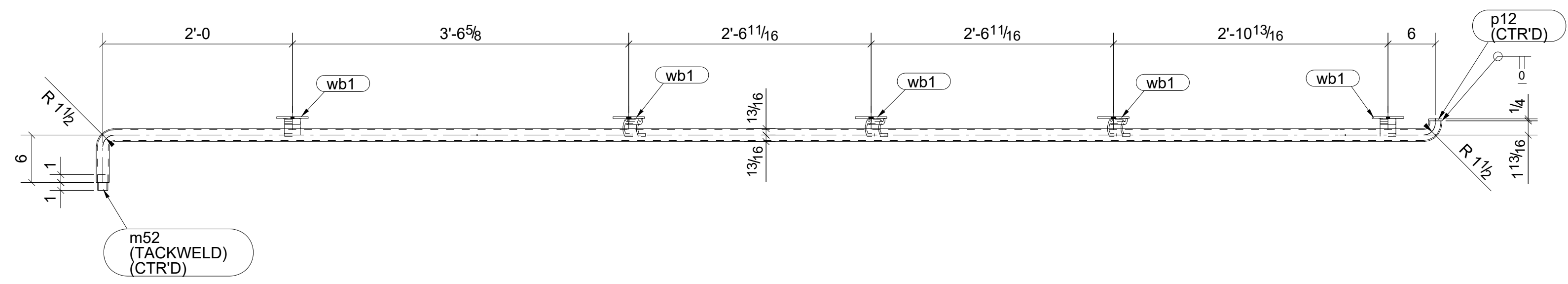
BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 6FR1	1	MC12X10.6	9'-3 3/4"		SQ-2 A36
	1	L3X3X1/4	1'-4 1/4"	a5	A36
	2	L3X3X1/4	3'-2"	a6	A36
	1	L3X3X1/4	1'-2 3/4"	a7	A36
	3	L3X3X1/4	1'-7 3/4"	a8	A36
	1	MC12X10.6	3'-10 1/4"	m5	A36
1 6FR2	1	MC12X10.6	9'-3 3/4"		SQ-2 A36
	2	L3X3X1/4	6'-0"	a2	A36
	1	L3X3X1/4	1'-2 1/4"	a3	A36
	3	L3X3X1/4	1'-7 1/2"	a4	A36
	1	L3X3X1/4	1'-4 1/4"	a5	A36
	1	L1-1/2X1-1/2X1/4	3'-6"	a9	A36
1 6FR2	1	MC12X10.6	6'-8 1/4"	m8	A36
	1	MC12X10.6	6'-8 1/4"	m12	A36
	4	C6X8.2	6'-7 9/16"	m41	A36
	2	PL1/4"X1 1/2"	0'-2"	p7	A36
	2	3/4 HEAVY HEX NUT			

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	REF. DRG.
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	E1 THRU E4
SURFACE PREP:		SHOP
AND PAINT:		APPROVAL
SSPC-SP3		
TNEMEC#99 PRIMER		
DESCRIPTION: FRAME		
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		

DATE	BY
09/18/2022	DRAWN BY A. K.
09/18/2022	CHKD. BY ABS
09/18/2022	DATE
6	DRG. No.
0	REV.



ONE - WALLRAIL - 7WR1

BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	7WR1	1 PIPE1-1/4SCH40	16'-2 1/4"		BEV-2 A53
		1 PIPE1SCH40	0'-2"	m52	A53
		1 PL1/4"X1 11/16"	0'-1 11/16"	p12	A36
		5 WAGNER_3418		wb1	A36 NONE BOI

0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK

GENERAL NOTES

MATERIAL: A36 (U.N.O.) ELECTRODES: AWS E70XX REF. DRG. E1 THRU E4

HOLES: 13/16 DIA. UN CONNS: 3/4" Ø BOLTS (U.N.O.)

SURFACE PREP: SSSPC-SP3

AND PAINT: TNEMEC#99 PRIMER

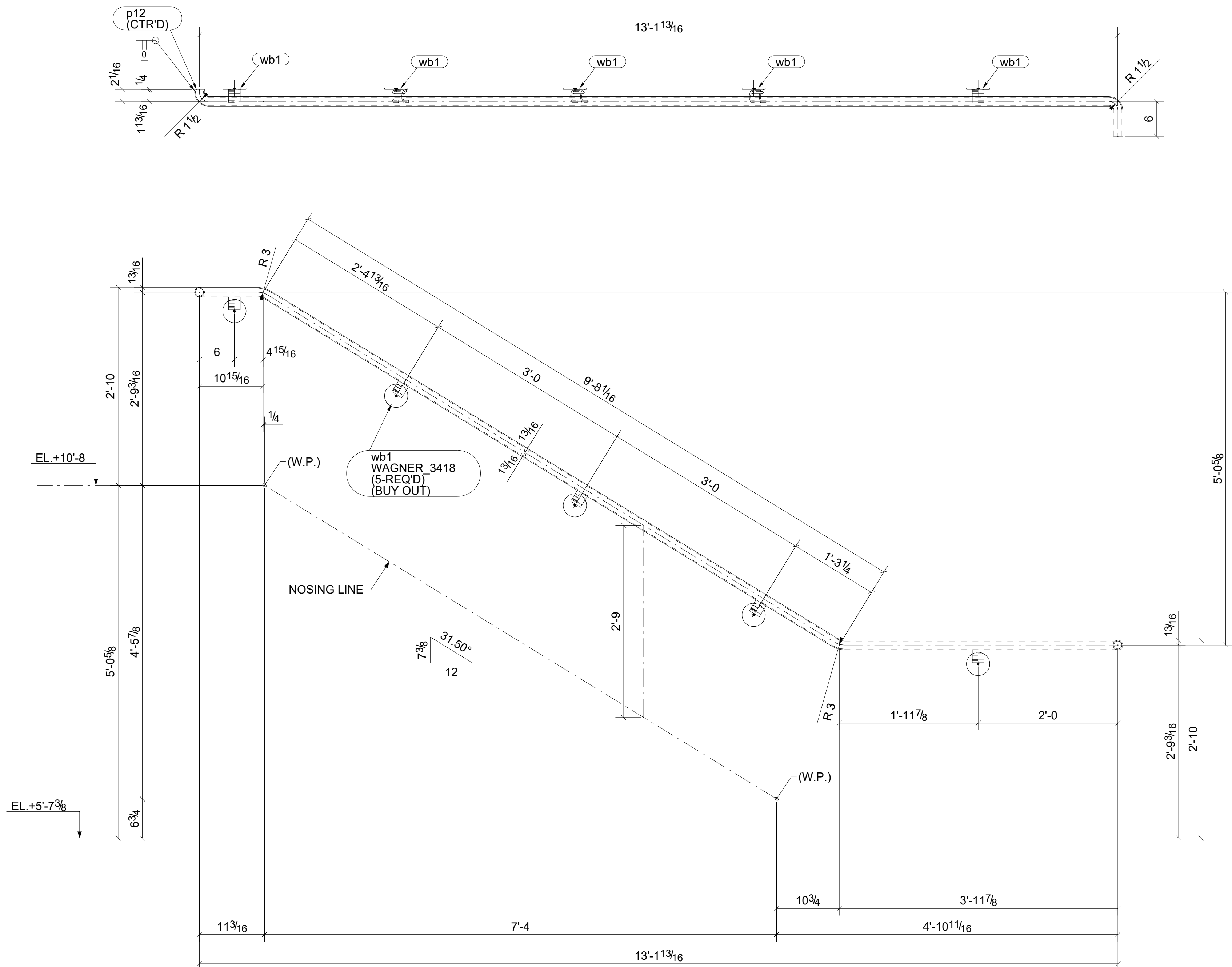
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PROJECT NAME: MSD ON 26 MILE RD - BLDG-A STAIRS

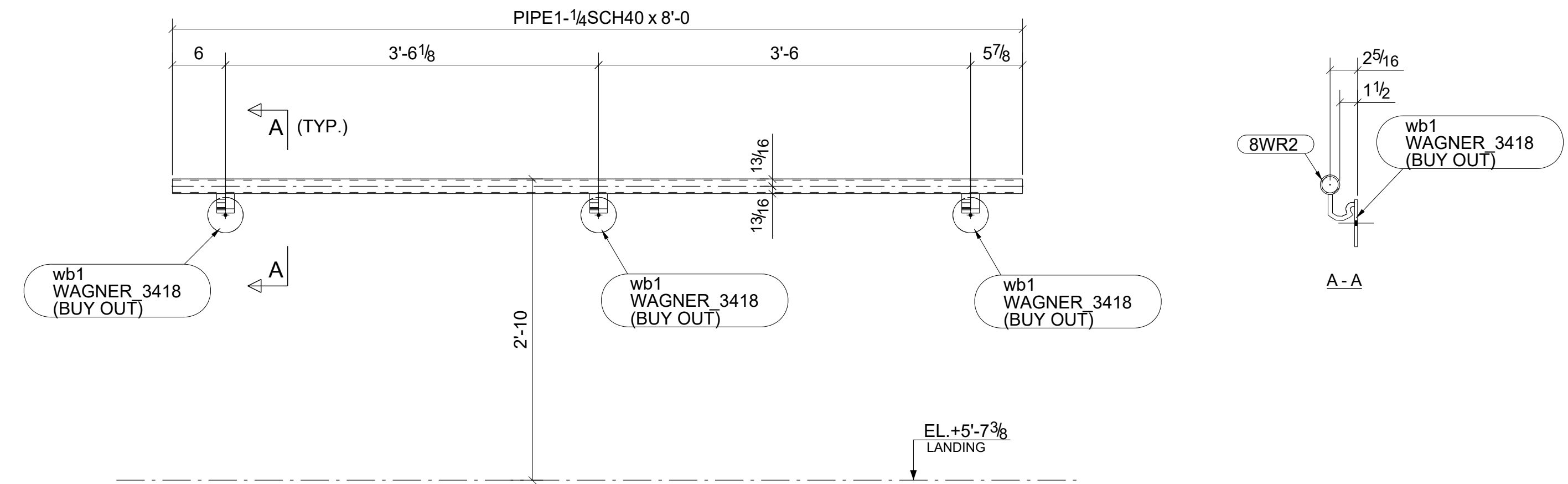
LOCATION: 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048

CONTRACTOR:

DRAWN BY	A. K.	DATE	09/18/2022
CHKD. BY	ABS	DATE	09/18/2022
JOB No.	DRG. No.	7
		REV.	0



ONE - WALLRAIL - 8WR1



ONE - WALLRAIL - 8WR2

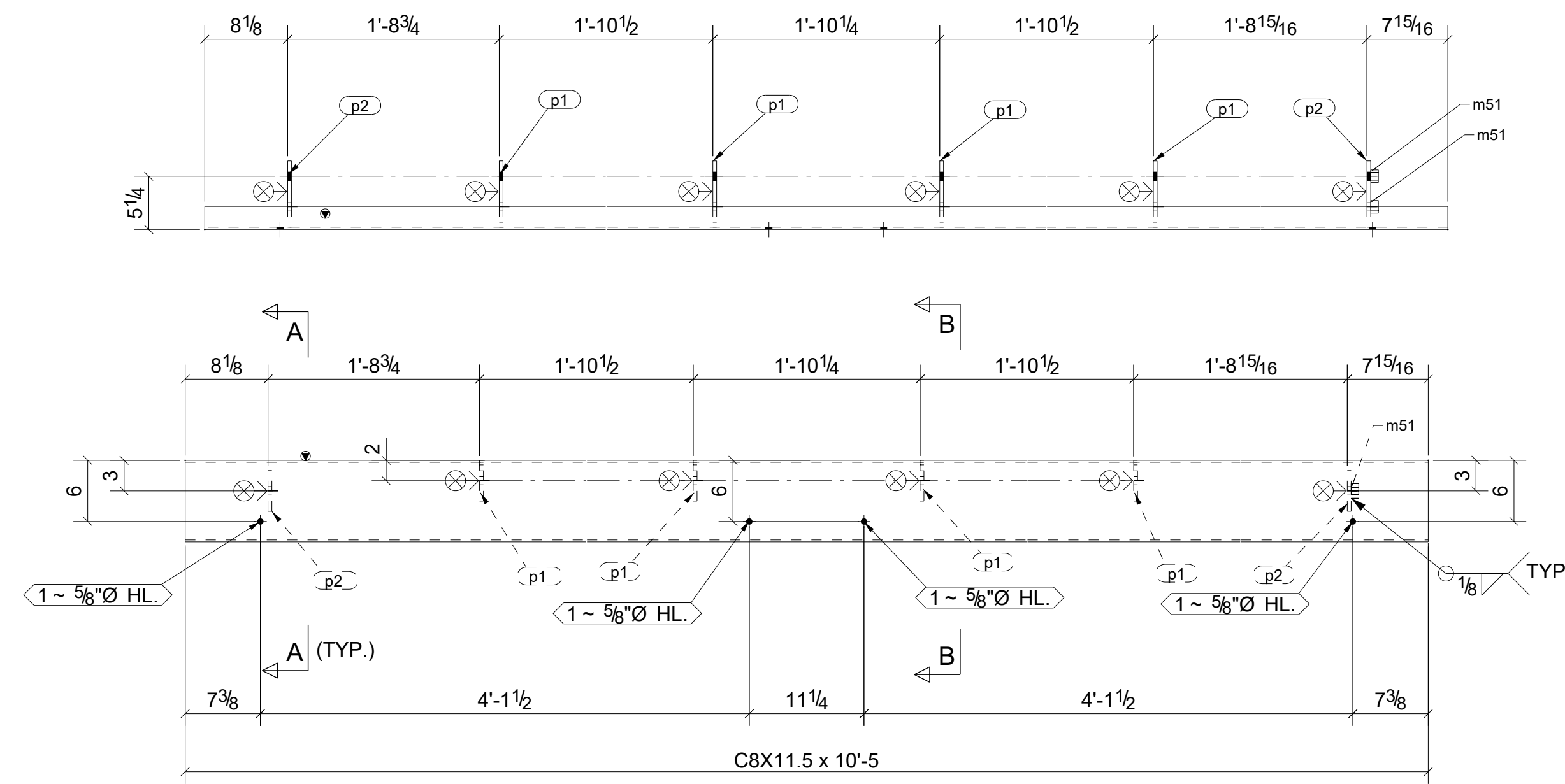
BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	8WR1	1 PIPE1-1/4SCH40	15'-1 3/8"		BEV-2 A53
		1 PL1/4"x1 11/16"	0'-1 11/16"	p12	A36
		5 WAGNER_3418		wb1	A36 NONE BOI
1	8WR2	1 PIPE1-1/4SCH40	8'-0"		SQ-2 A53
		3 WAGNER_3418		wb1	A36 NONE BOI

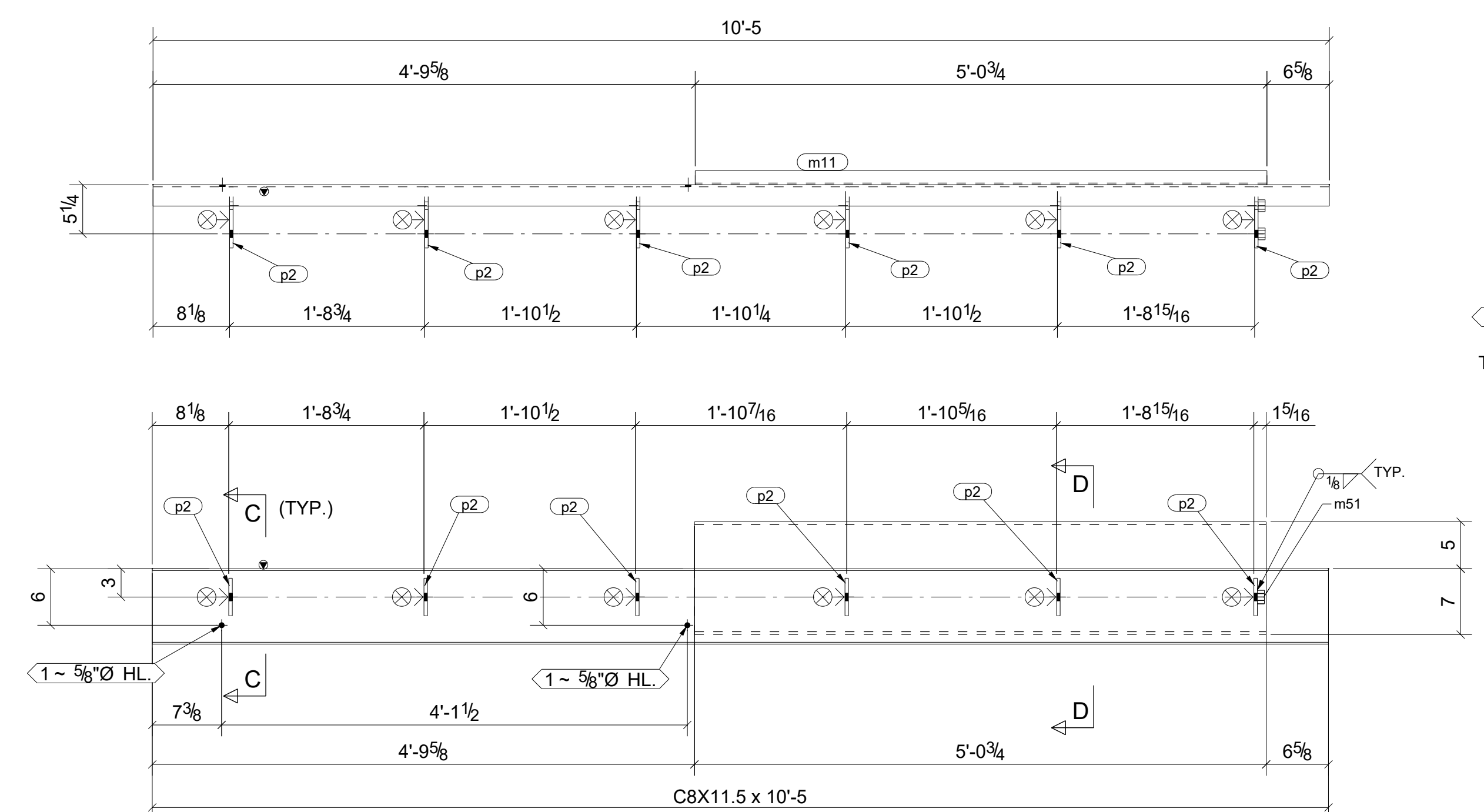
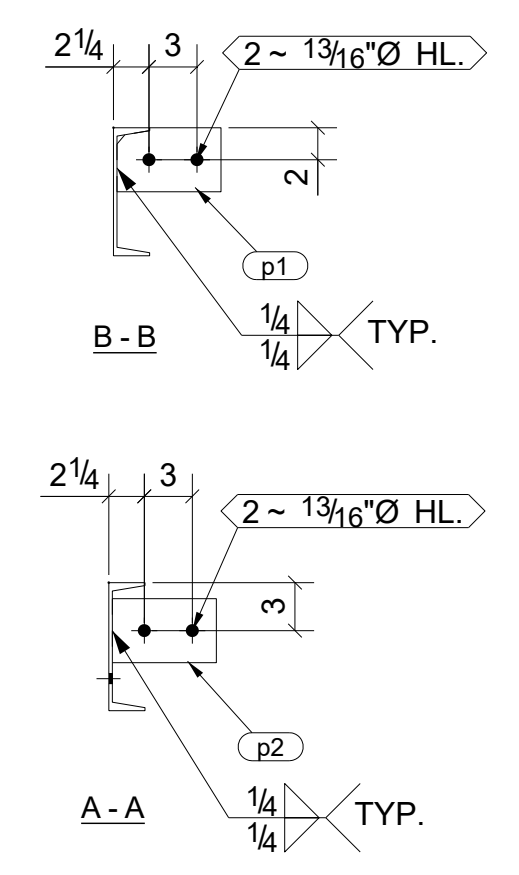
REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

GENERAL NOTES		JOB USE
MATERIAL: A36 (U.N.O.)	ELECTRODES: AWS E70XX	E1 THRU E4
HOLES: 13/16 DIA. UN	CONNYS: 3/4" Ø BOLTS (U.N.O.)	
SURFACE PREP: AND PAINT: SSPC-SP3 TNEMEC#99 PRIMER		SHOP
DESCRIPTION: WALLRAIL		APPROVAL
PROJECT NAME MSD ON 26 MILE RD - BLDG-A STAIRS		
LOCATION 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048		
CONTRACTOR		

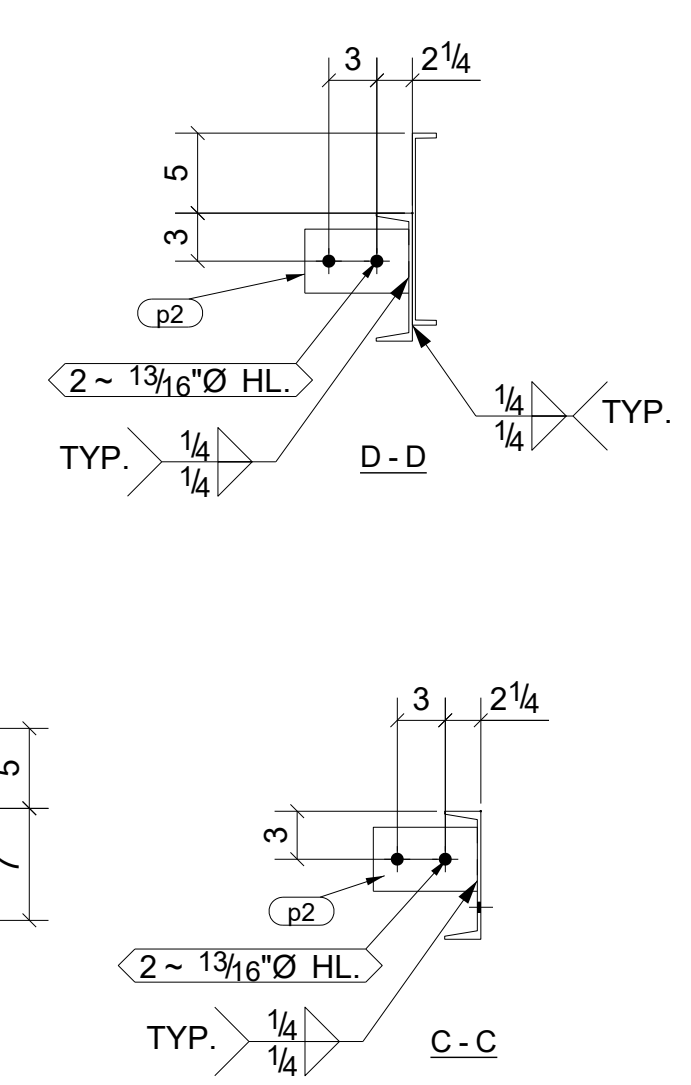
DRAWN BY	DATE
A. K.	09/18/2022
CHKD. BY	DATE
ABS	09/18/2022
JOB No.	DRG. No.
.....	8
REV.	REV.
.....	0



ONE - BEAM - 9B1



ONE - BEAM - 9B2



BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 9B1	1	C8X11.5	10'-5"		SQ-2 A36
	4	PL3/8"X4"	0'-6 1/2"	p1	A36
	2	PL3/8"X4"	0'-6 1/2"	p2	A36
	2	3/4_HEAVY_HEX_NUT			
1 9B2	1	C8X11.5	10'-5"		SQ-2 A36
	1	MC12X10.6	5'-0 3/4"	m11	A36
	6	PL3/8"X4"	0'-6 1/2"	p2	A36
	2	3/4_HEAVY_HEX_NUT			

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	12/20/2022	A. K.	ABS
A	For Approval	09/19/2022	A. K.	ABS

GENERAL NOTES

MATERIAL: A36 (U.N.O.) ELECTRODES: AWS E70XX REF. DRG. E1 THRU E4

HOLES: 13/16 DIA. UN CONNS: 3/4" Ø BOLTS (U.N.O.)

SURFACE PREP. AND PAINT: SSSPC-SP3 TNEMEC#99 PRIMER

DESCRIPTION: BEAM

PROJECT NAME: MSD ON 26 MILE RD - BLDG-A STAIRS

LOCATION: 37740 26 MILE RD CHESTERFIELD TOWNSHIP, MI 18048

CONTRACTOR:

APPROVAL:

DATE: 09/18/2022

DATE: 09/18/2022

DRG. No. 9 REV. 0