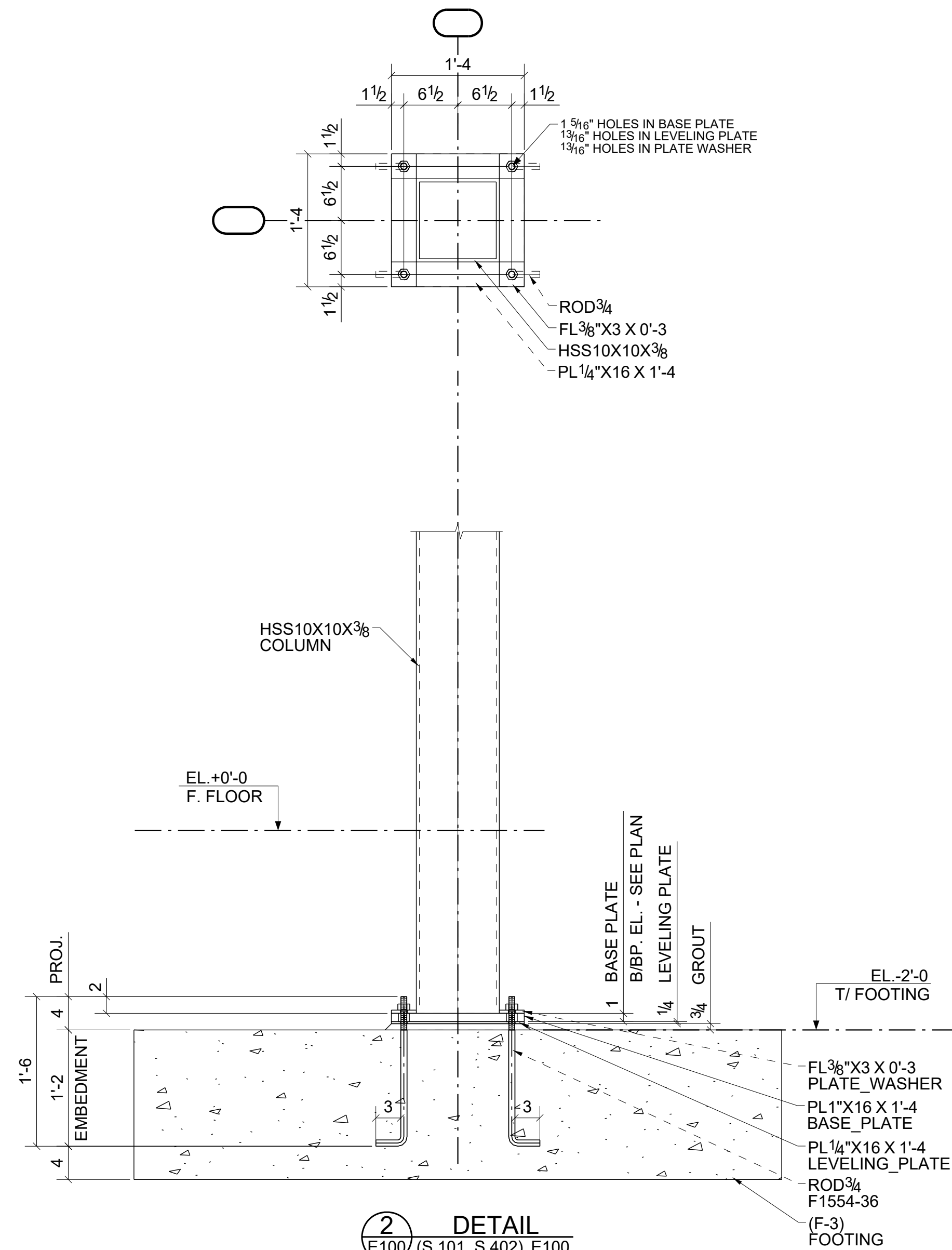
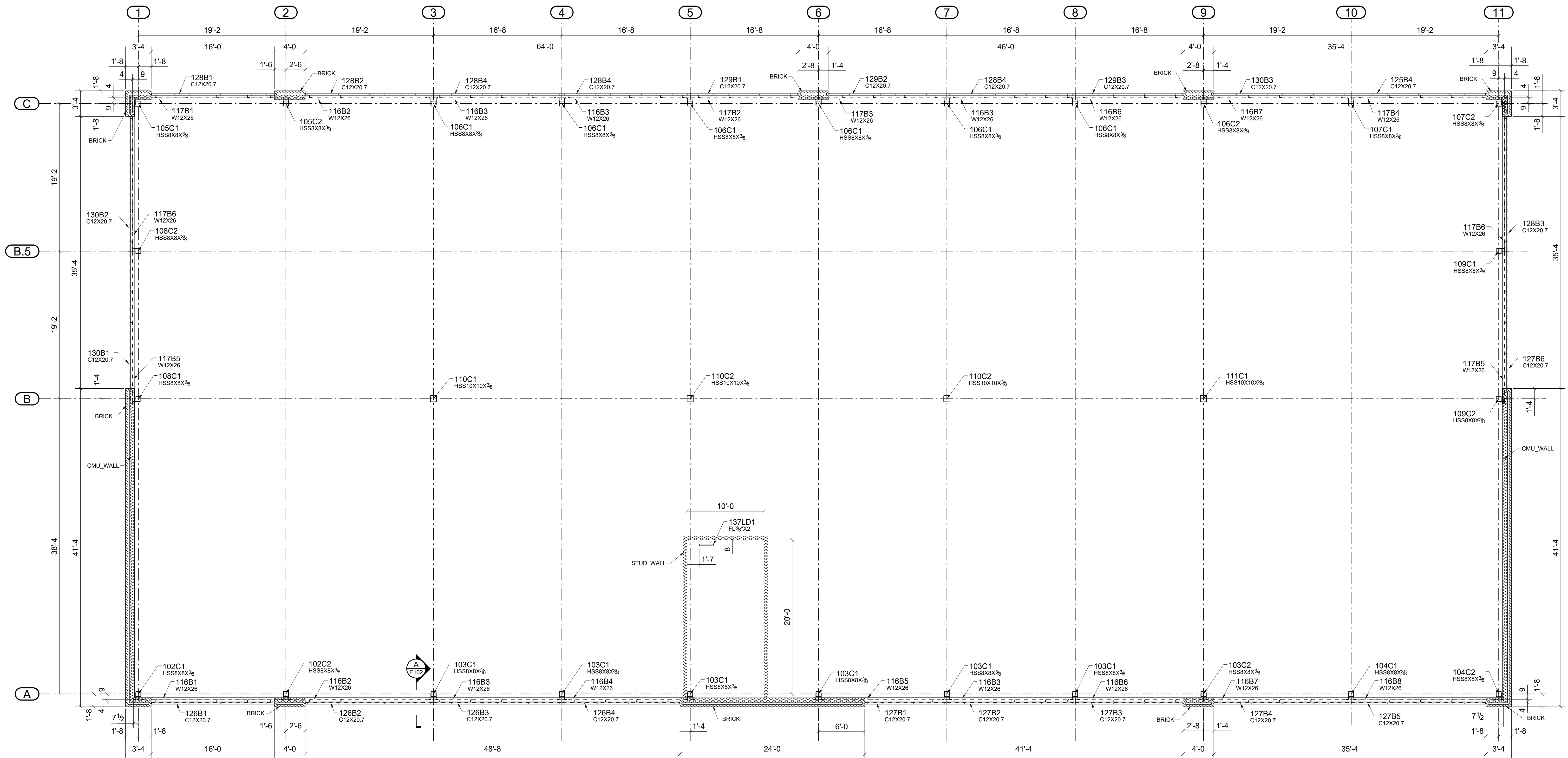


**1** **DETAIL**  
E100 (S.101, S.402) E100  
(C-1, 26 LOCATIONS)

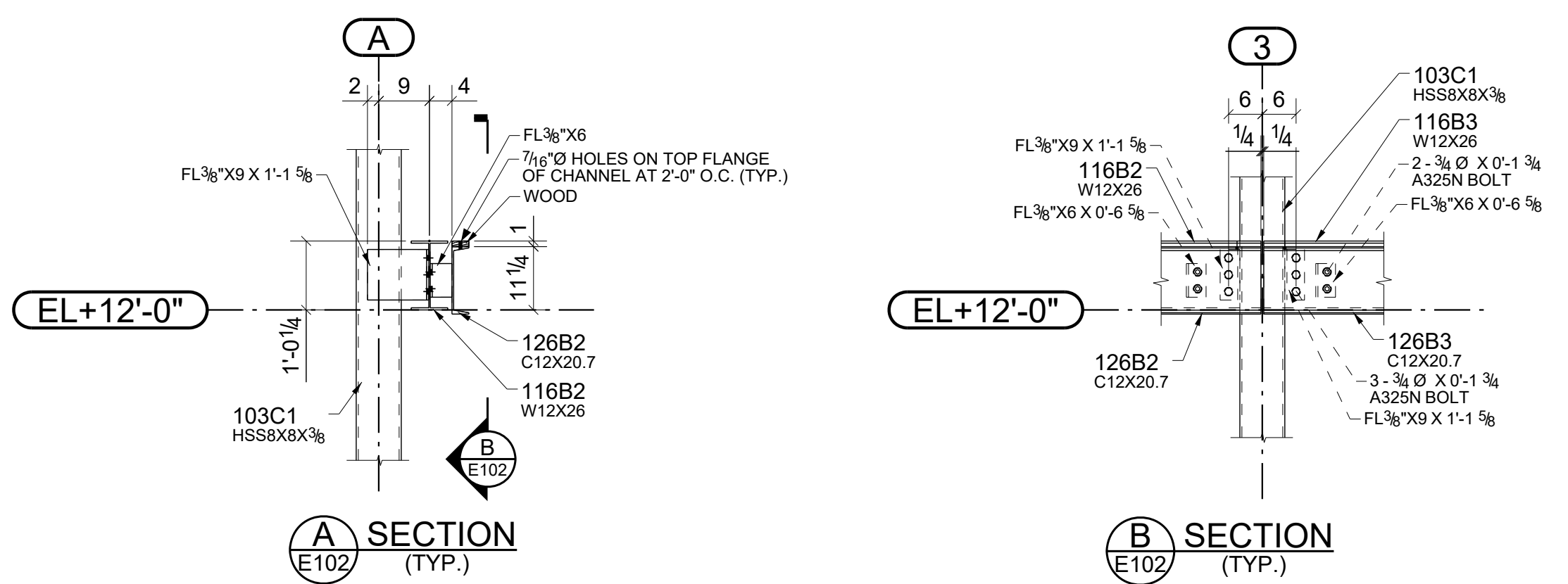


**2** **DETAIL**  
E100 (S.101, S.402) E100  
(C-2, 4 LOCATIONS)

0	For Fabrication	02/03/2023	R. K.	ABS
A	For Approval	01/20/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONNS: 3/4"Ø HIGH TENSILE	<b>S.101 &amp; S.402</b>		
SURFACE PREP: AND PAINT:		JOB USE		
SSPC-SP3 NO PAINT		APPROVAL		
DESCRIPTION: RETAIL BUILDING A - ANCHOR ROD SECTION				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/17/2023		
CHKD. BY ABS		DATE 01/20/2023		
JOB No.		DRG. No. E101	REV. 0	

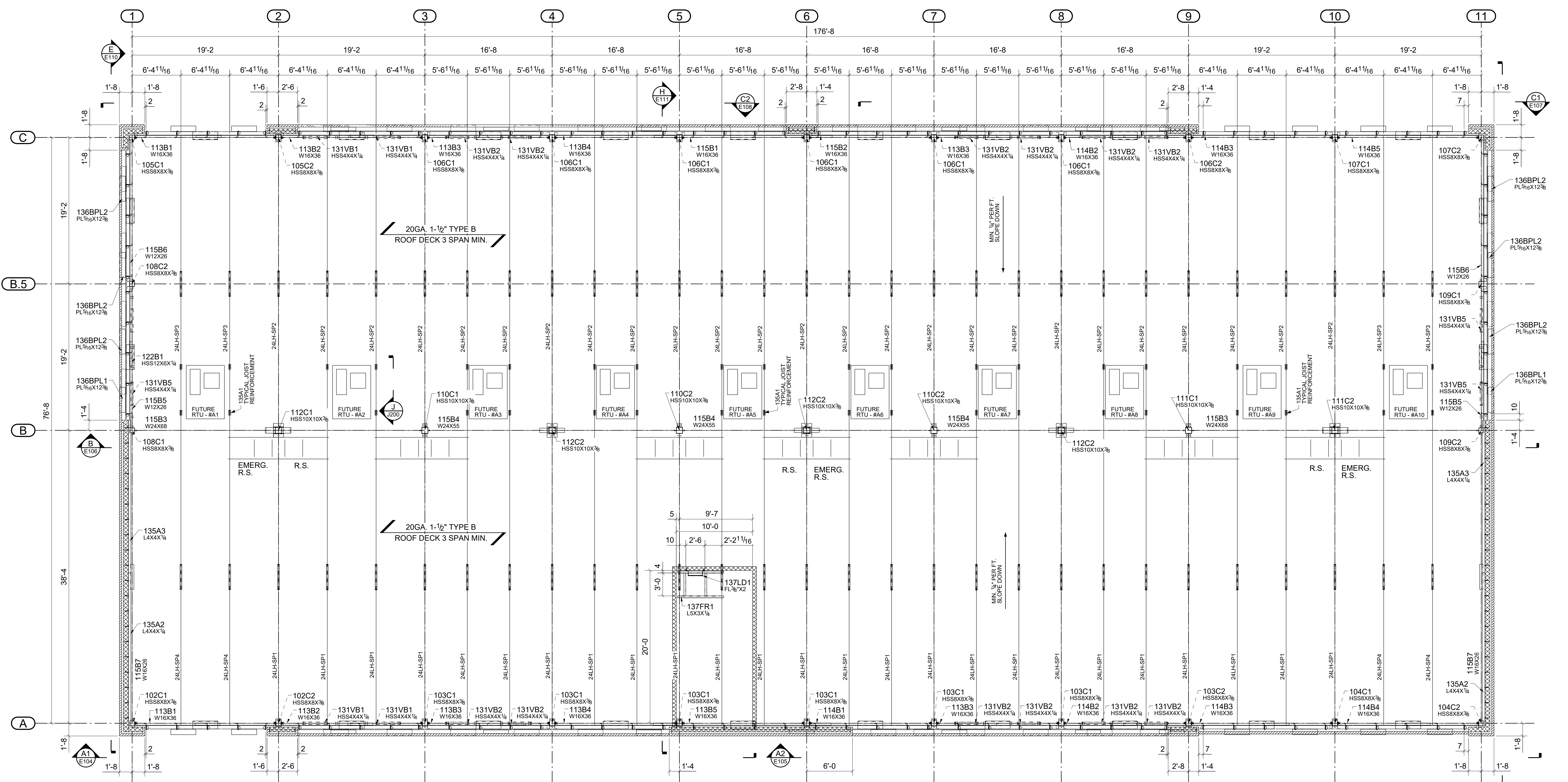


**RETAIL BUILDING A - LINTEL PLAN**  
(Refer: S.103)



0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36		ELECTRODES: E70XX	REF. DRG.	JOB USE
HOLES: 13/16" DIA. UN		CONN'S: 3/4"Ø HIGH TENSILE	<b>S.102</b>	SHOP
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)		APPROVAL		
DESCRIPTION: RETAIL BUILDING A - LINTEL PLAN				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/27/2023		
CHKD. BY ABS		DATE 02/03/2023		
JOB No.		DRG. No. E102		
REV. 0				

TROY RETAIL BUILDING-A



**RETAIL BUILDING A - ROOF FRAMING PLAN**  
(Refer: S.103)

NOTE:  
 MOMENT CONNECTION

TROY RETAIL BUILDING-A

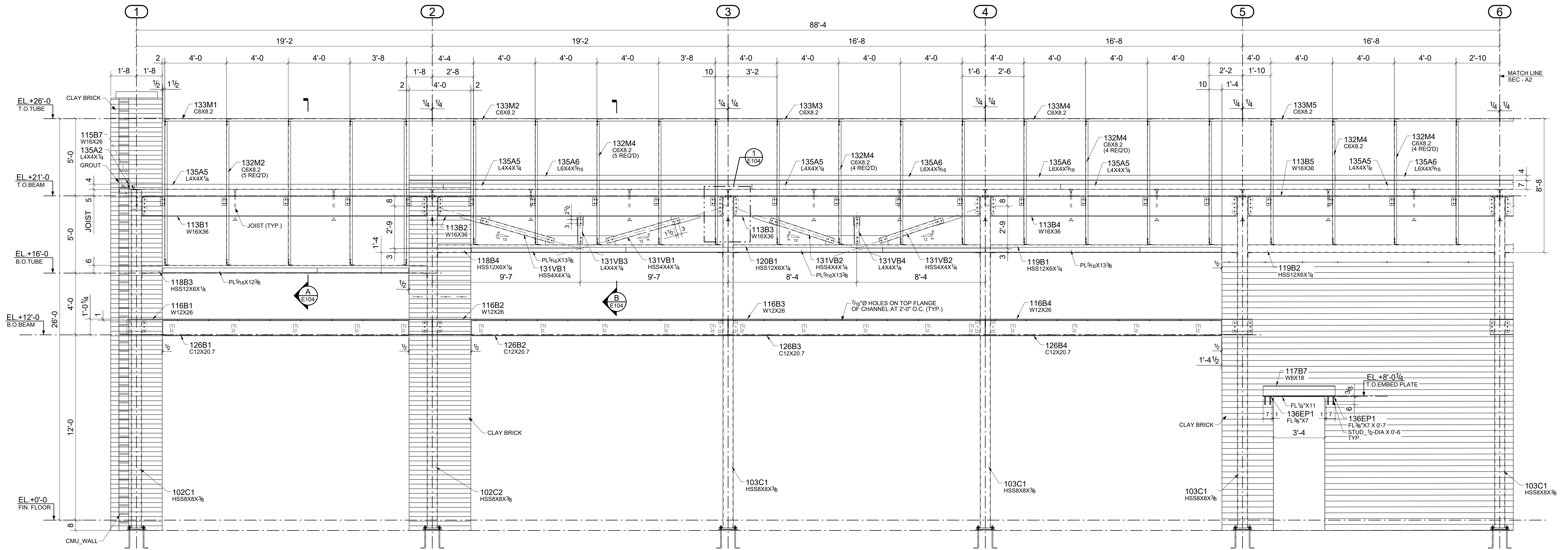
REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

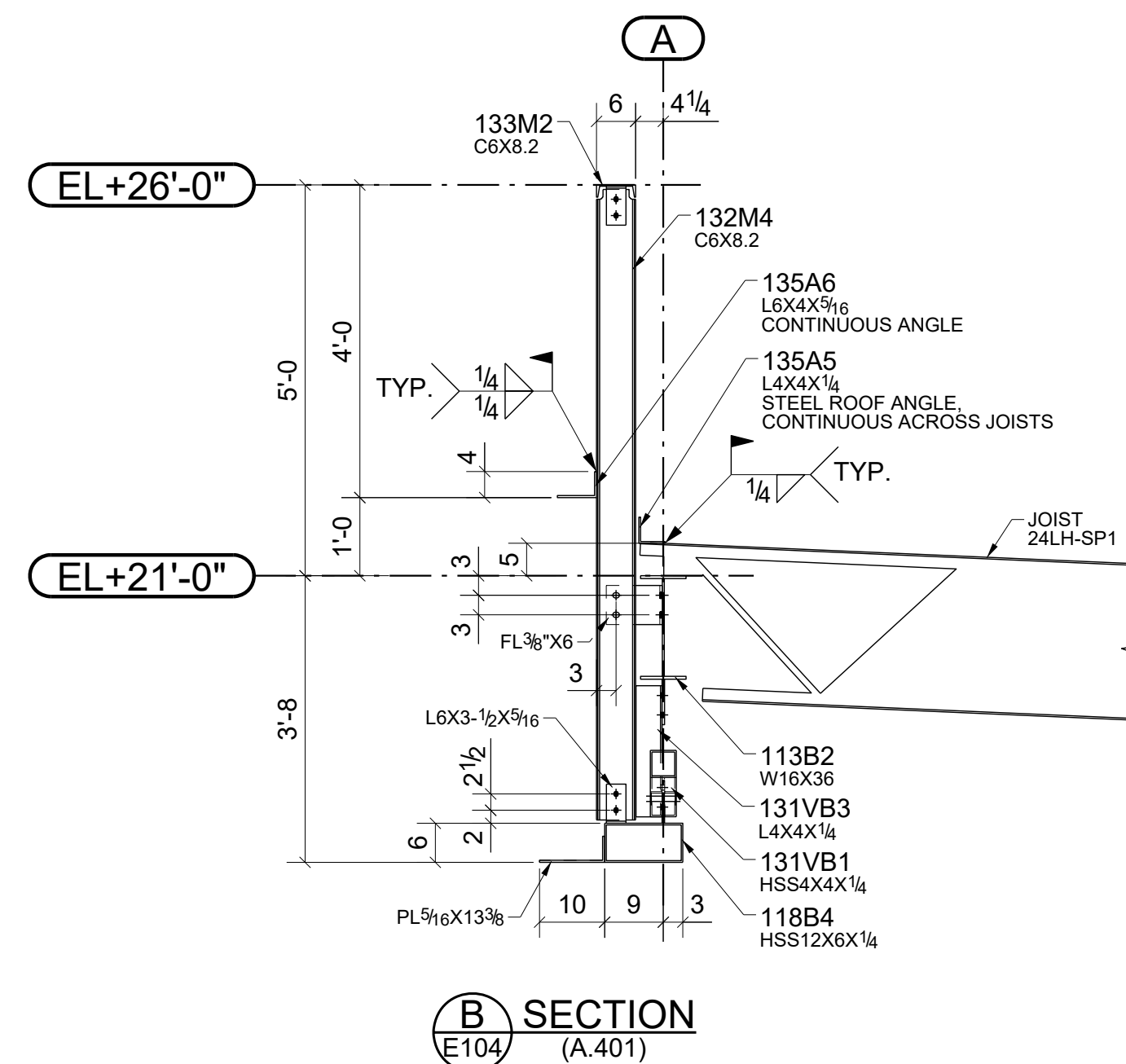
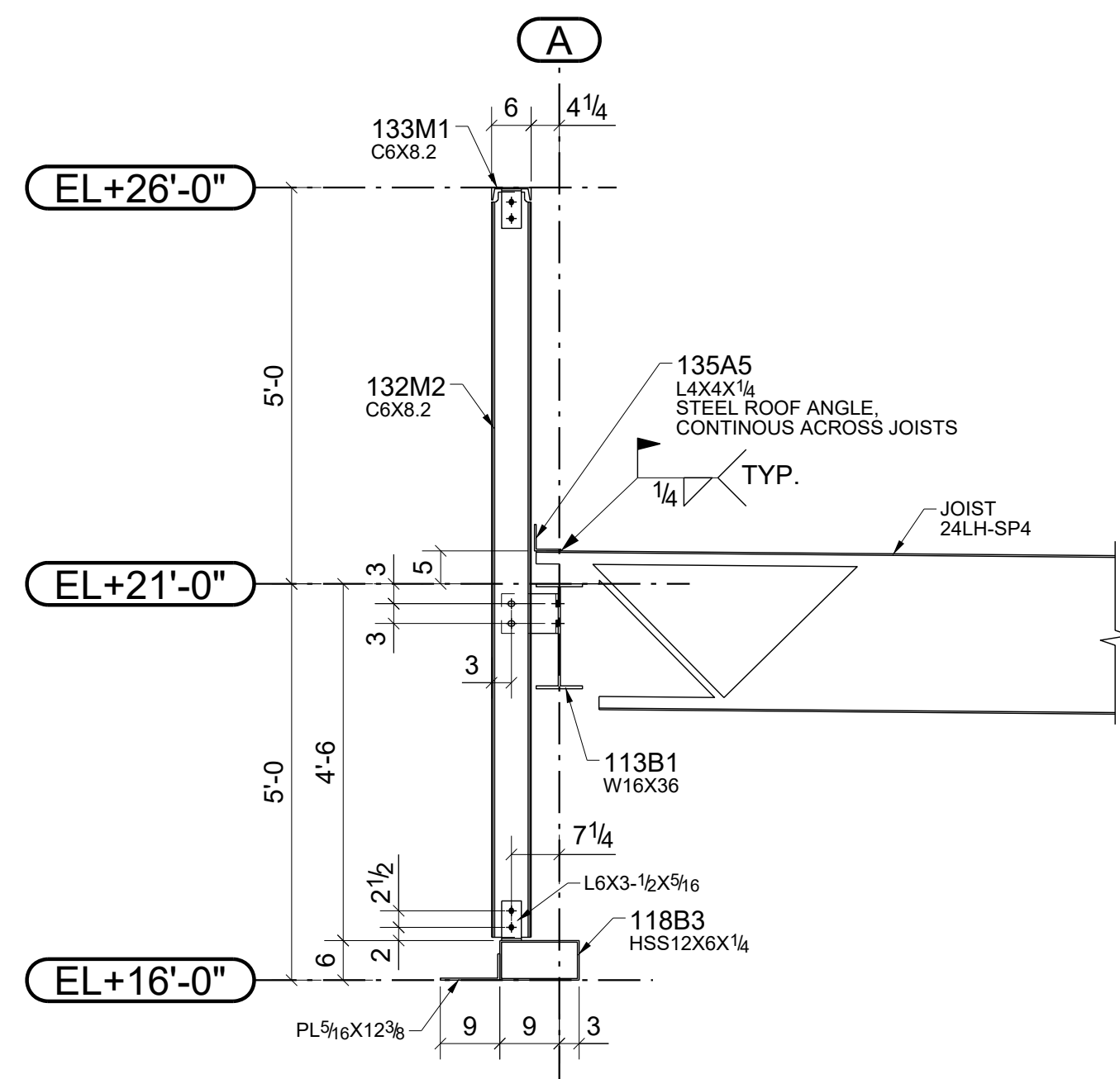
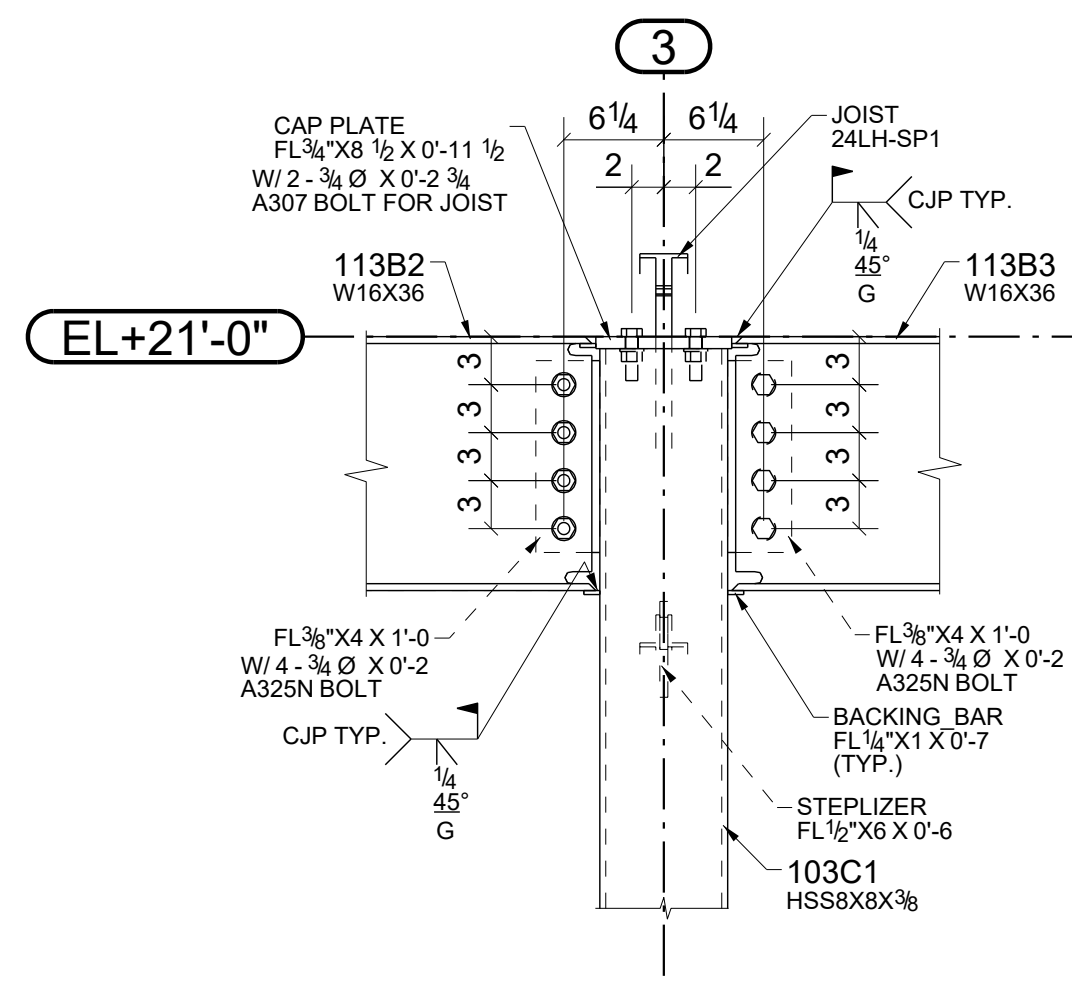
GENERAL NOTES		JOB USE
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.
HOLES: 13/16 DIA. UN	CORNS: 3/4"Ø HIGH TENSILE	<b>S.103</b> SHOP
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O)		APPROVAL
DESCRIPTION: RETAIL BUILDING A - ROOF FRAMING PLAN		
PROJECT NAME Crooks & Big Beaver Retail Building A & B		
LOCATION Big Beaver, Troy, Michigan		
CONTRACTOR		

DRAWN BY	DATE
R. K.	01/27/2023
CHKD. BY	DATE
ABS	02/03/2023
JOB No.	DRG. No.
	E103
REV.	0

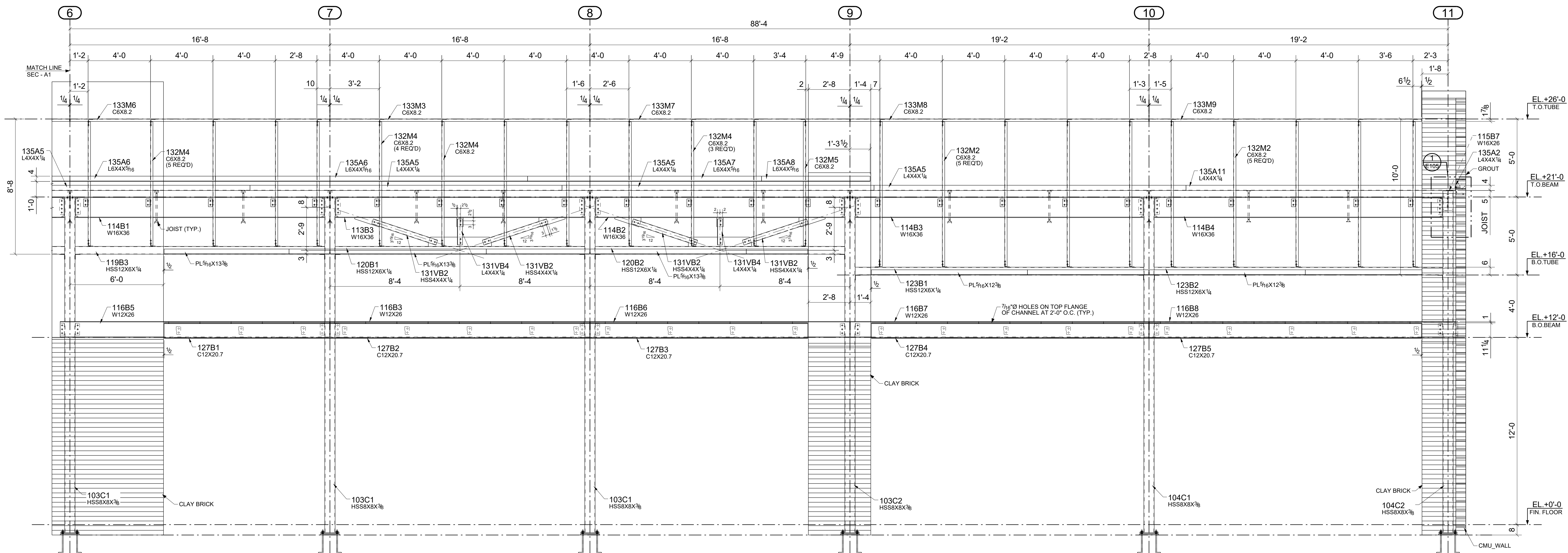


**A1 SECTION**  
 E103 (02/S.201A)

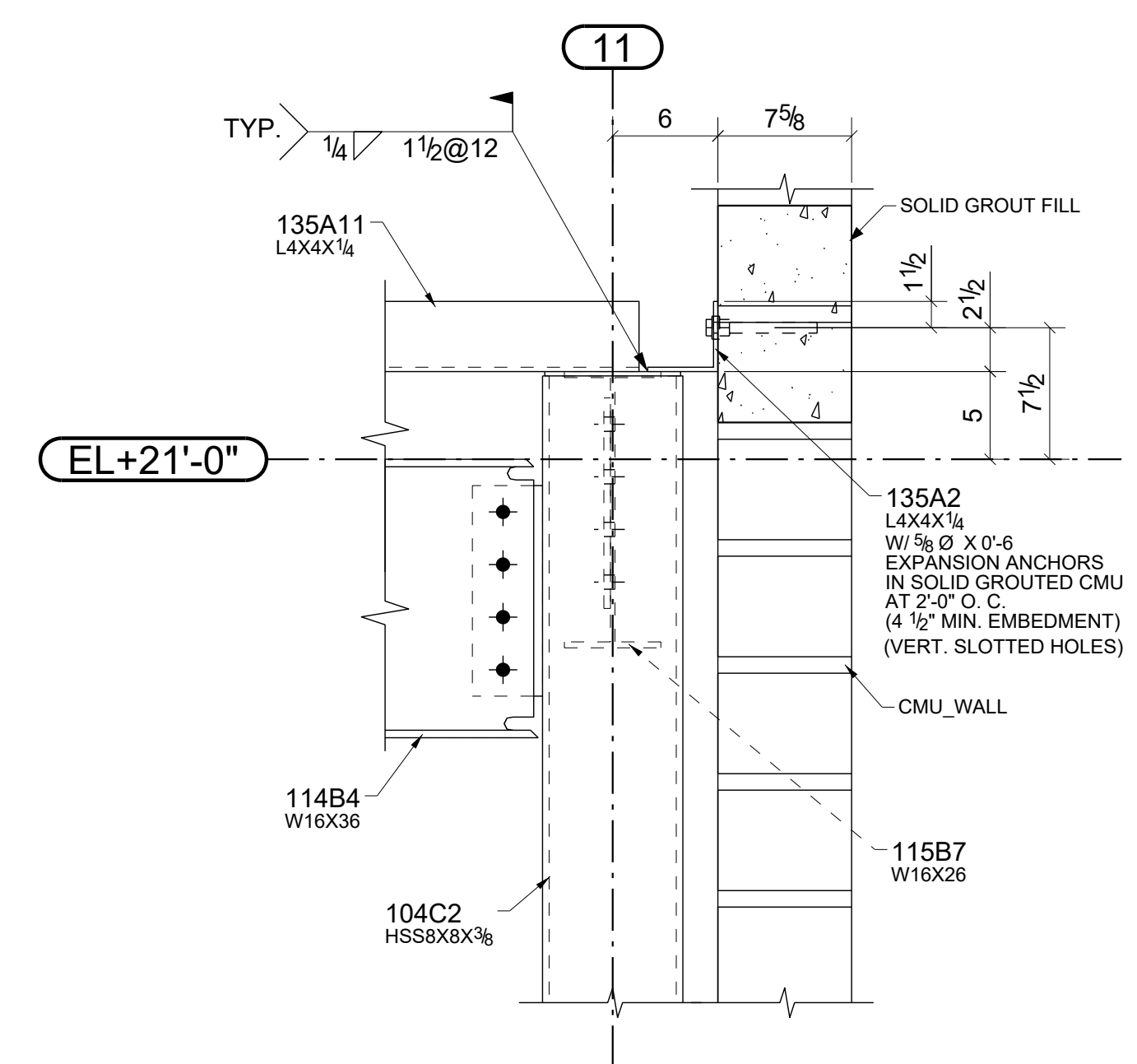


REV.	DESCRIPTION	DATE	DWN	CHK	JOB USE
0	For Fabrication	04/03/2023	R. K.	ABS	
A	For Approval	02/06/2023	R. K.	ABS	
<b>GENERAL NOTES</b>					
MATERIAL: A36		ELECTRODES: E70XX	REF. DRG.		
HOLES: 13/16 DIA. UN		CONNVS: 3/4"Ø HIGH TENSILE	<b>S.201A</b>		
SURFACE PREP: SSPC-SP3 GREY PRIMER (U.N.O)					
AND PAINT: GREY PRIMER (U.N.O)					
DESCRIPTION: RETAIL BUILDING A - SECTION					
PROJECT NAME: Crooks & Big Beaver Retail Building A & B					
LOCATION: Big Beaver, Troy, Michigan					
CONTRACTOR: .....					
DRAWN BY: R. K.		DATE: 01/27/2023			
CHKD. BY: ABS		DATE: 02/03/2023			
JOB No.:		DRG. No.:		REV.:	
		E104		0	

TROY RETAIL BUILDING-A

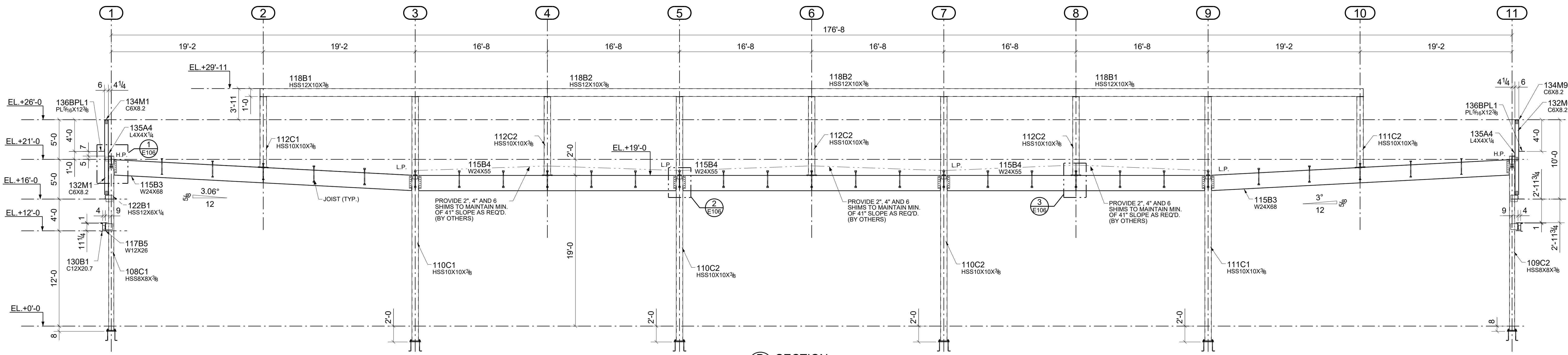


**A2 SECTION**  
E103 (02/S.201A)

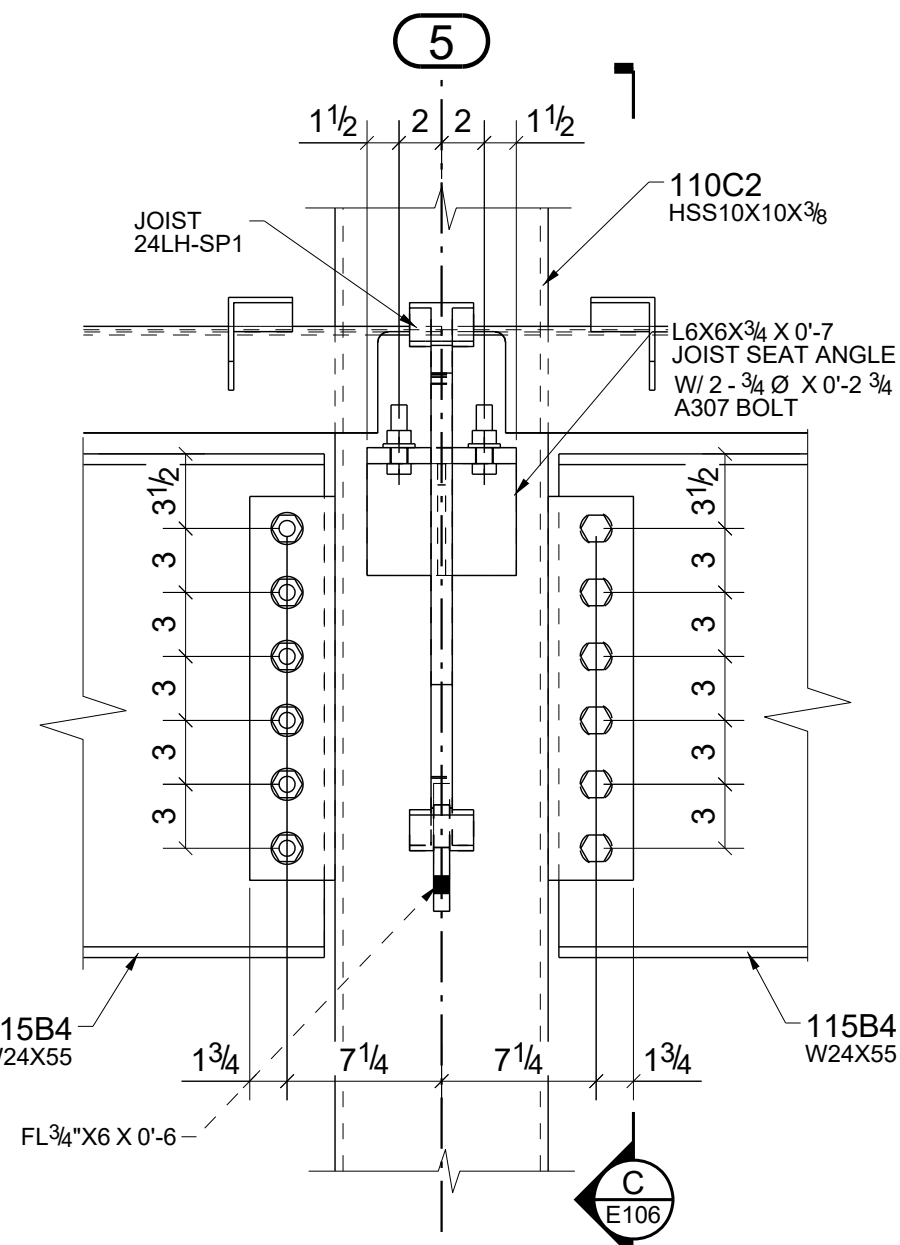


**1 DETAIL**  
E105 (02/A.402)

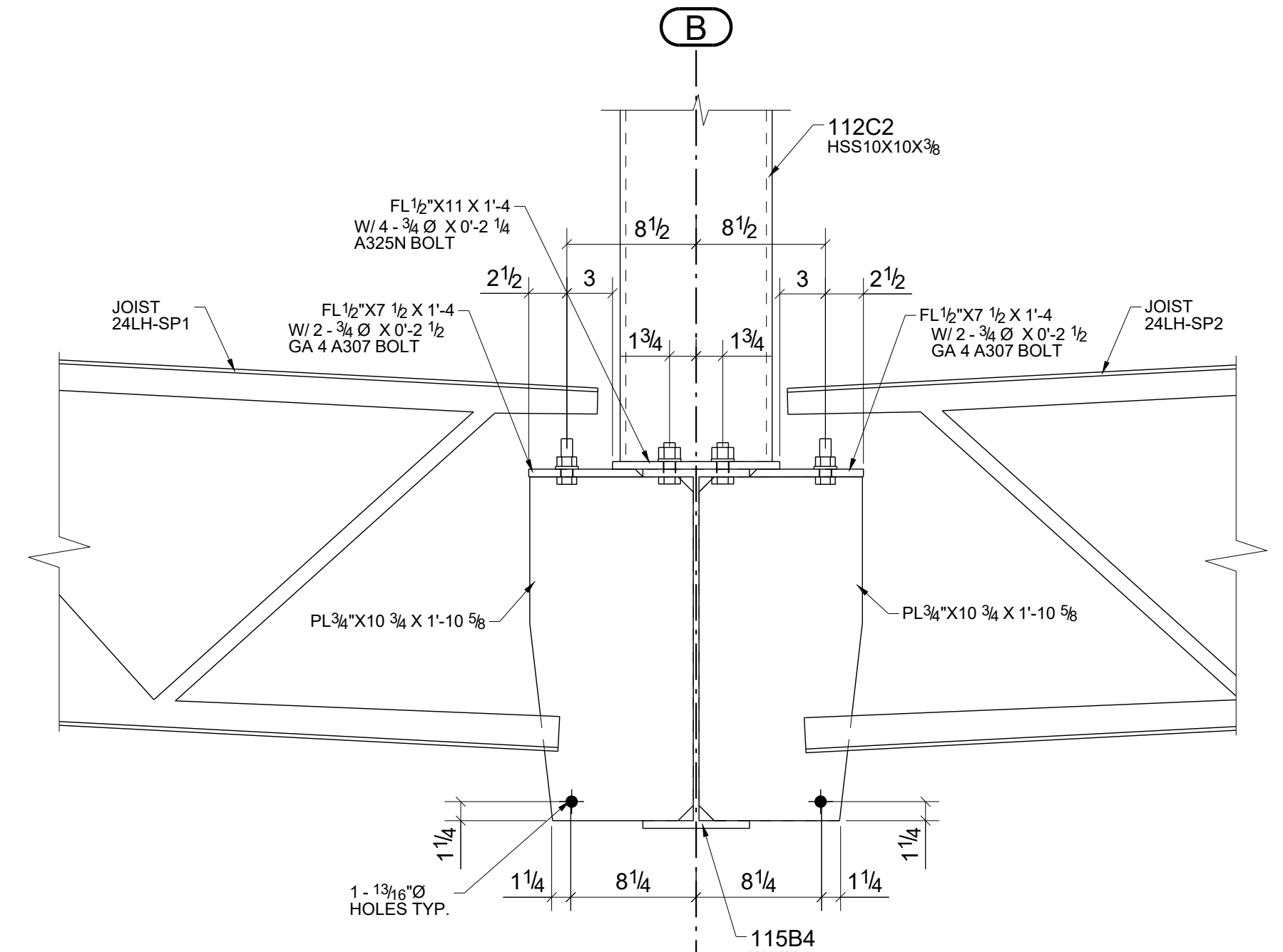
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.		
HOLES: 13/16 DIA. UN	CONNS: 3/4" HIGH TENSILE	<b>S.201A</b>	SHOP	
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O)			APPROVAL	
DESCRIPTION: RETAIL BUILDING A - SECTION				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/27/2023		
CHKD. BY ABS		DATE 02/03/2023		
JOB No.		DRG. No. E105		
		REV. 0		



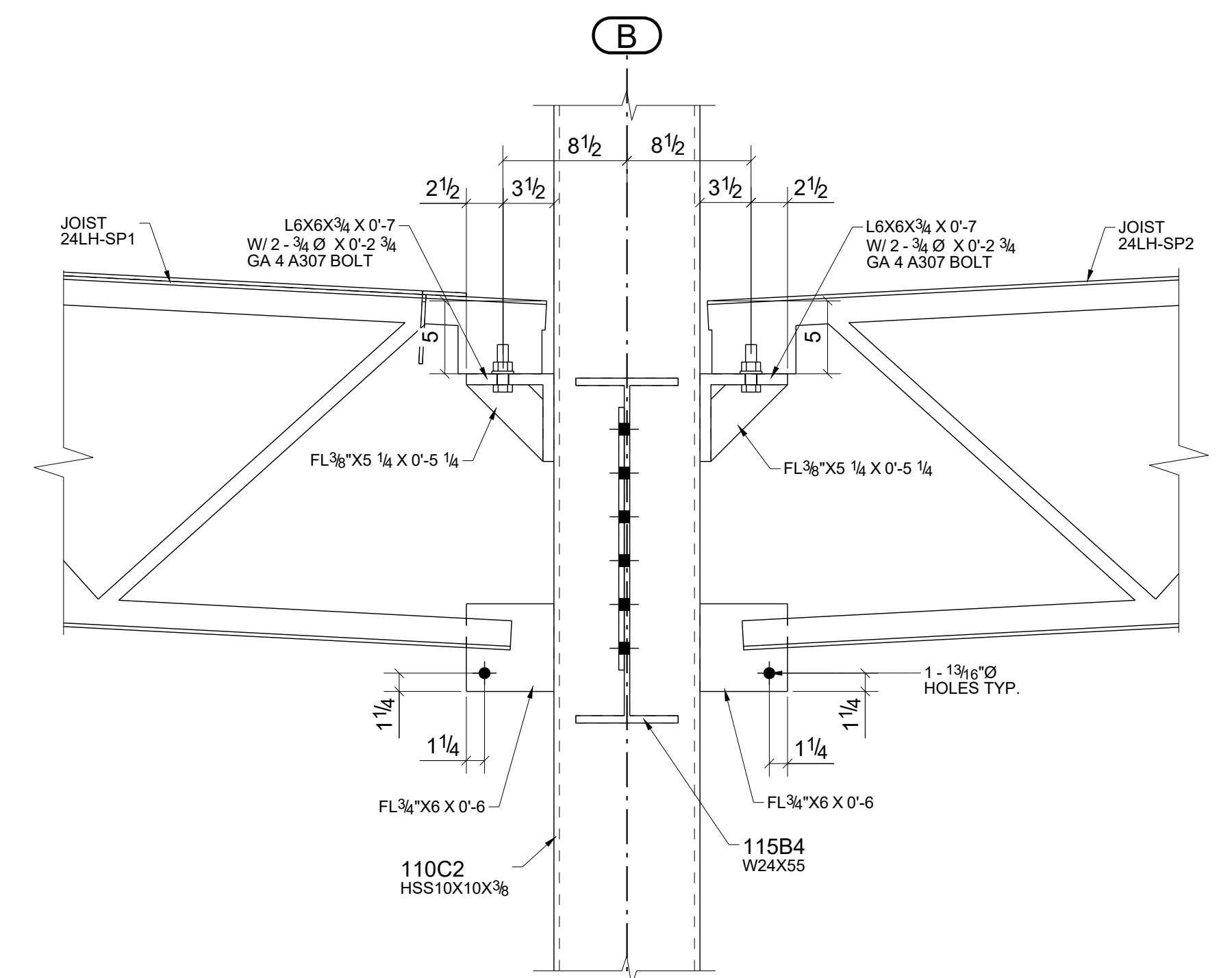
**B SECTION**  
E103 (02/S.202A)



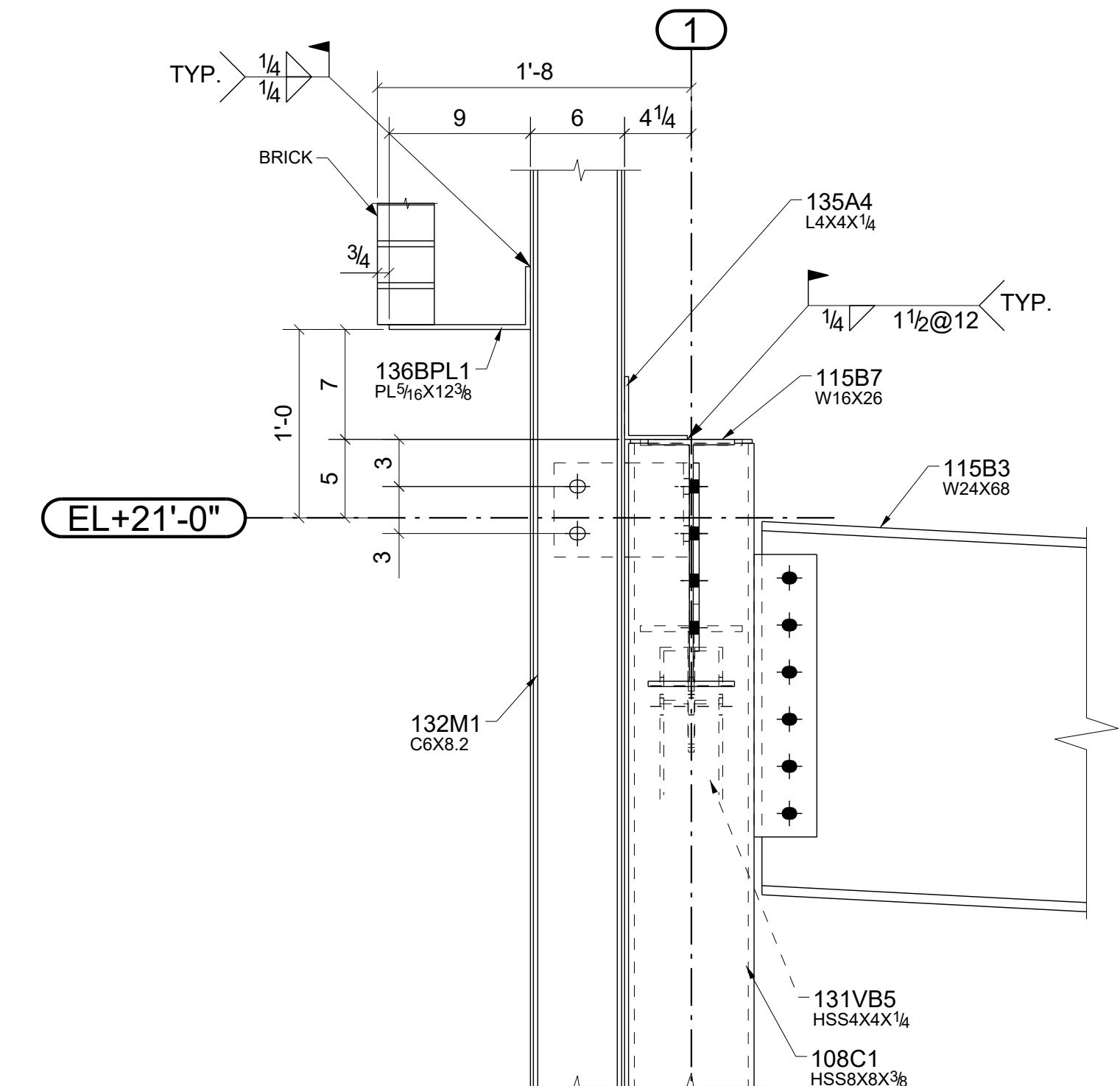
**2 DETAIL**  
E106 (TYP.)



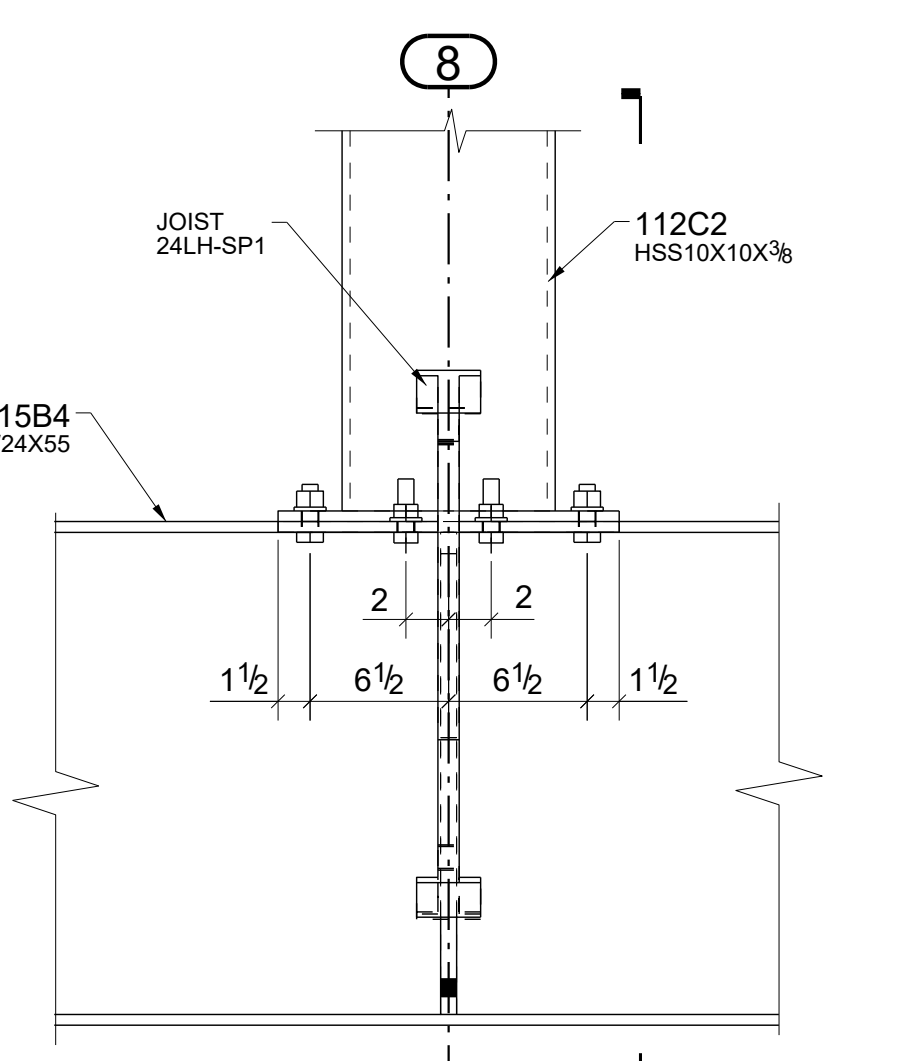
**D SECTION**  
E106 (TYP.)



**C SECTION**  
E106 (TYP.)



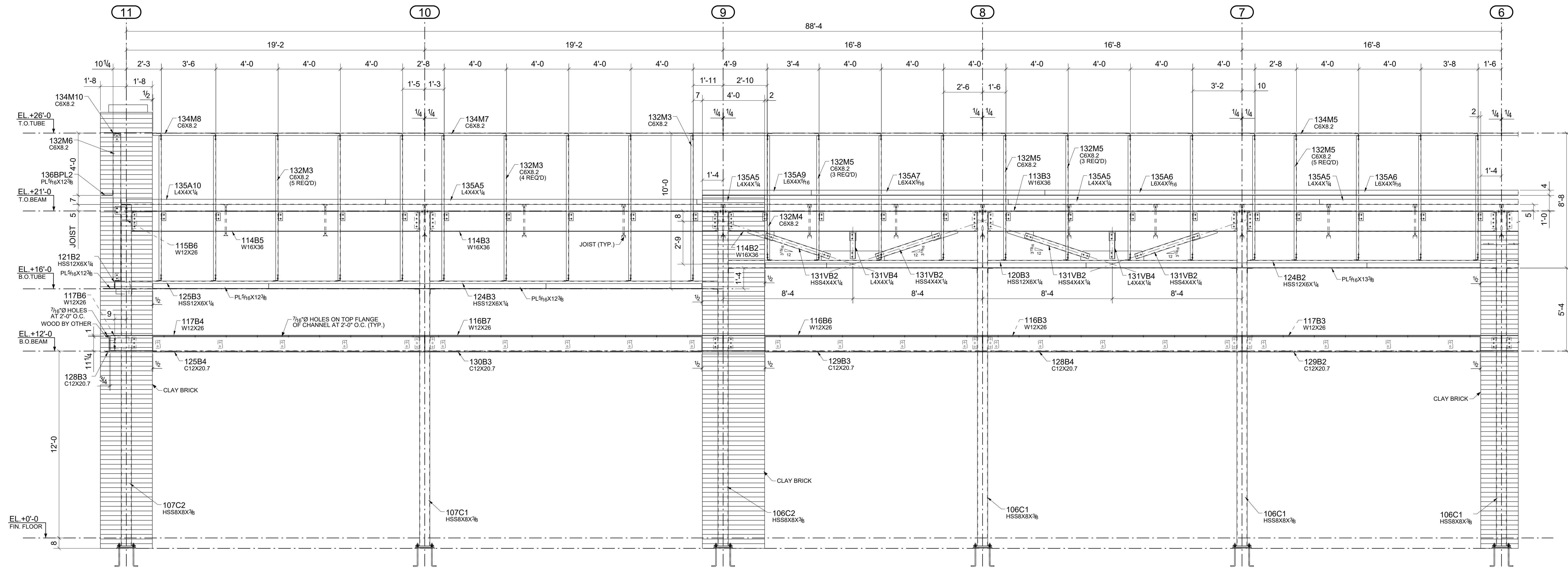
**1 DETAIL**  
E106 (TYP.)



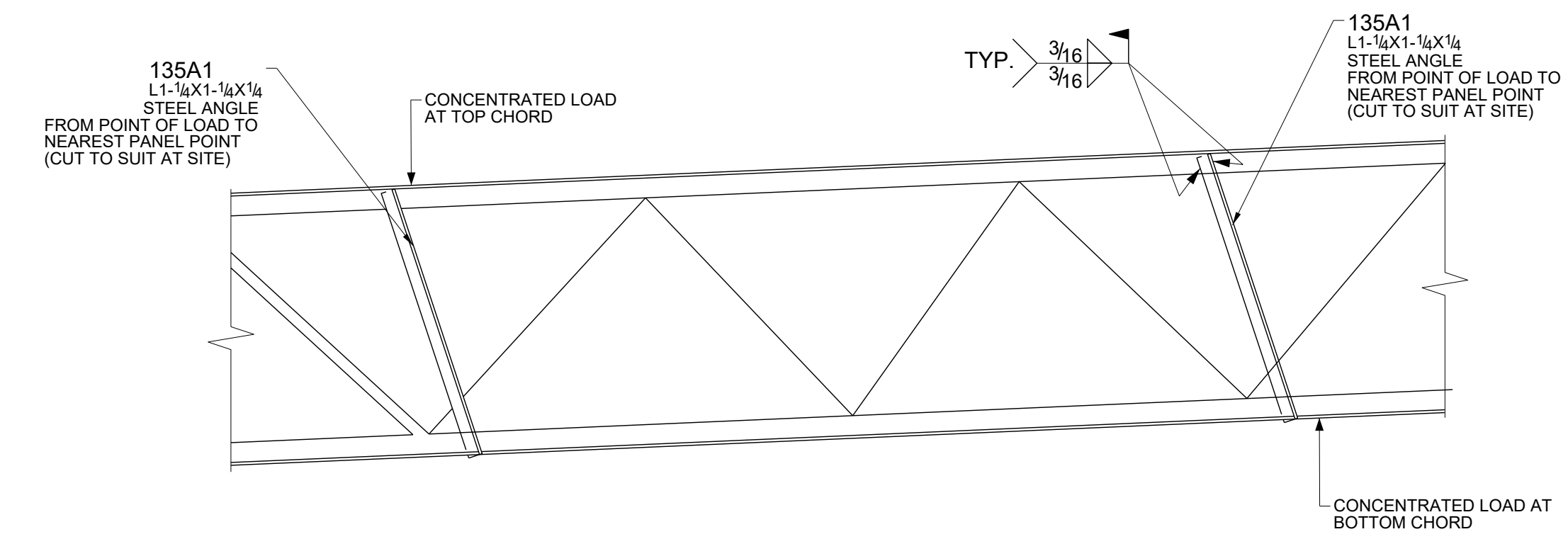
**3 DETAIL**  
E106 (TYP.)

0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	JOB USE	
HOLES: 13/16 DIA. UN	CONN'S: 3/4"Ø HIGH TENSILE	<b>S.202A</b>		SHOP
SURFACE PREP: SSPC-SP3 GREY PRIMER (U.N.O)				APPROVAL
DESCRIPTION: RETAIL BUILDING A - SECTION				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/27/2023		
CHKD. BY ABS		DATE 02/03/2023		
JOB No.		DRG. No. E106		REV. 0





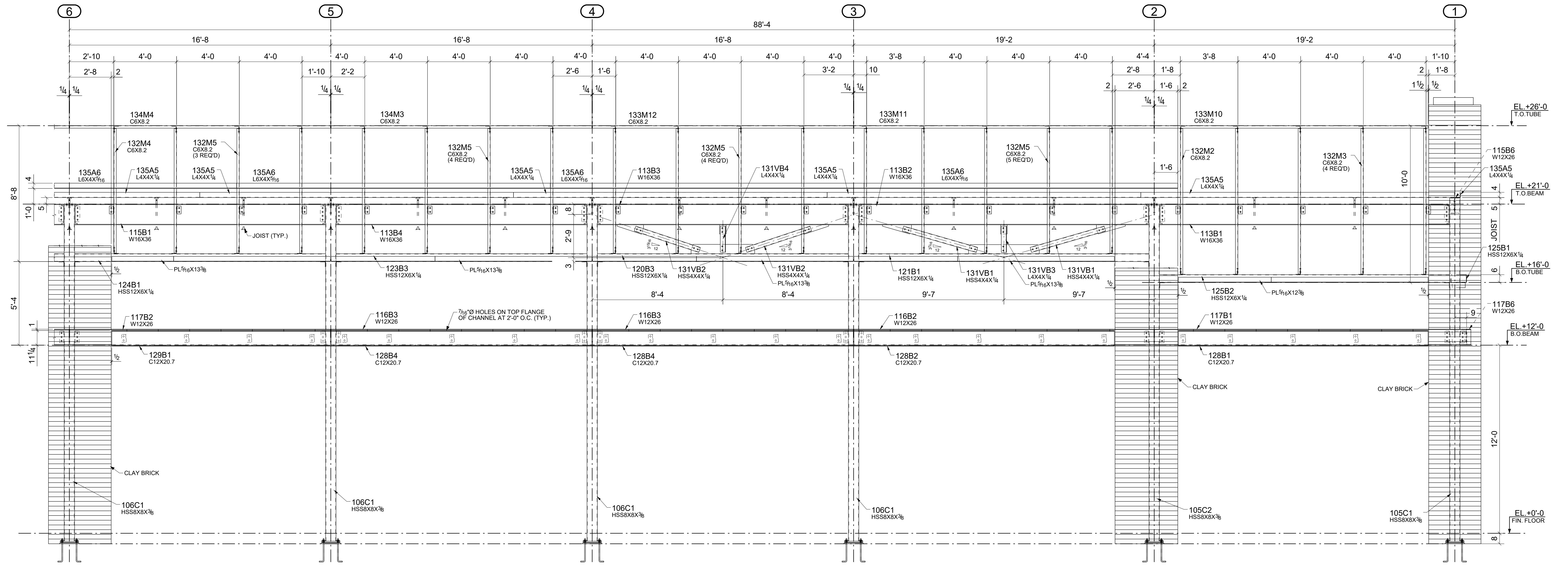
**C1 SECTION**  
E103 (01/201A)



TYPICAL JOIST REINFORCEMENT  
@ CONCENTRATED LOADS  
**J SECTION**  
E103 (S.402)

0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	JOB USE	
HOLES: 13/16 DIA. UN	CONN'S: 3/4"Ø HIGH TENSILE	<b>S.201A</b>	SHOP	
SURFACE PREP. AND PAINT:			APPROVAL	
SSPC-SP3				
GREY PRIMER (U.N.O)				
DESCRIPTION: RETAIL BUILDING A - SECTION				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/27/2023		
CHKD. BY ABS		DATE 02/03/2023		
JOB No. E103		REV. 0		

TROY RETAIL BUILDING-A

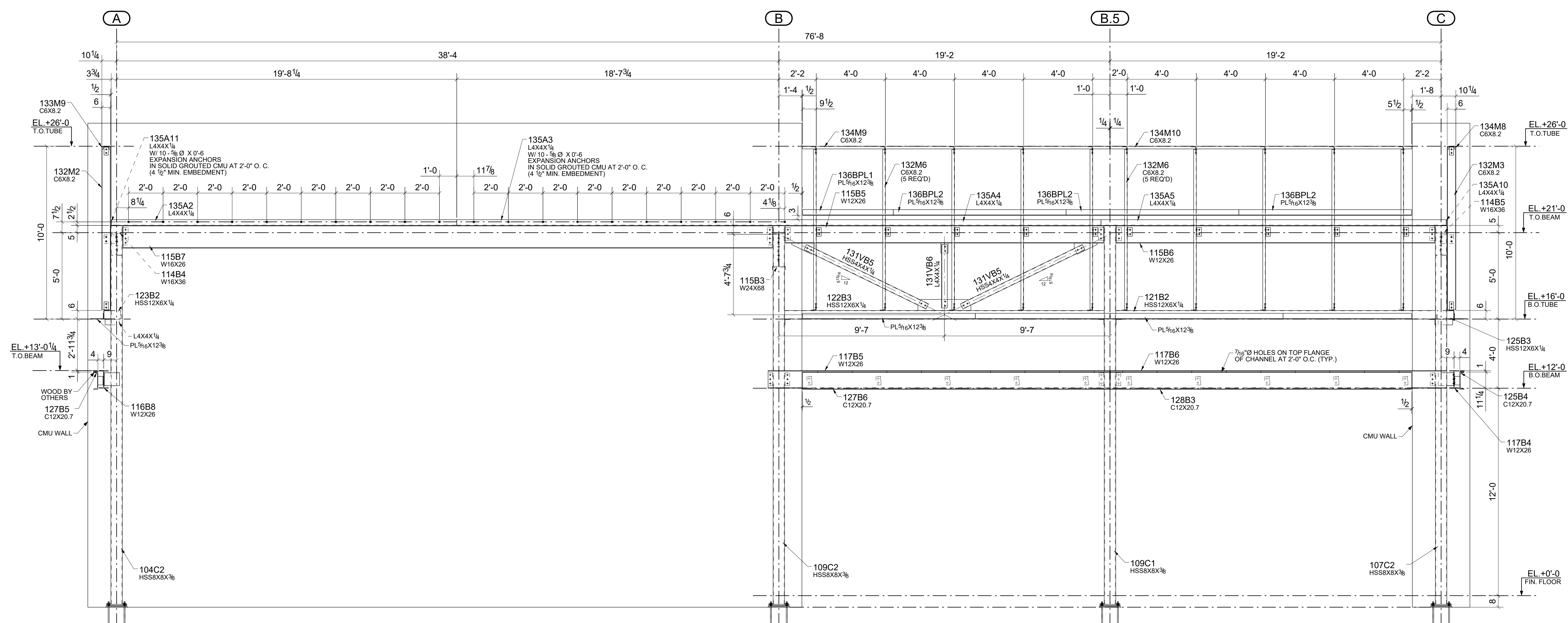


**C2 SECTION**  
E103 (01/201A)

TROY RETAIL BUILDING-A

0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.		
HOLES: 13/16 DIA. UN	CONN'S: 3/4" HIGH TENSILE	<b>S.201A</b>		SHOP
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O)				APPROVAL
DESCRIPTION: RETAIL BUILDING A - SECTION				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/27/2023		
CHKD. BY ABS		DATE 02/03/2023		
JOB No.	DRG. No. E108	REV.		

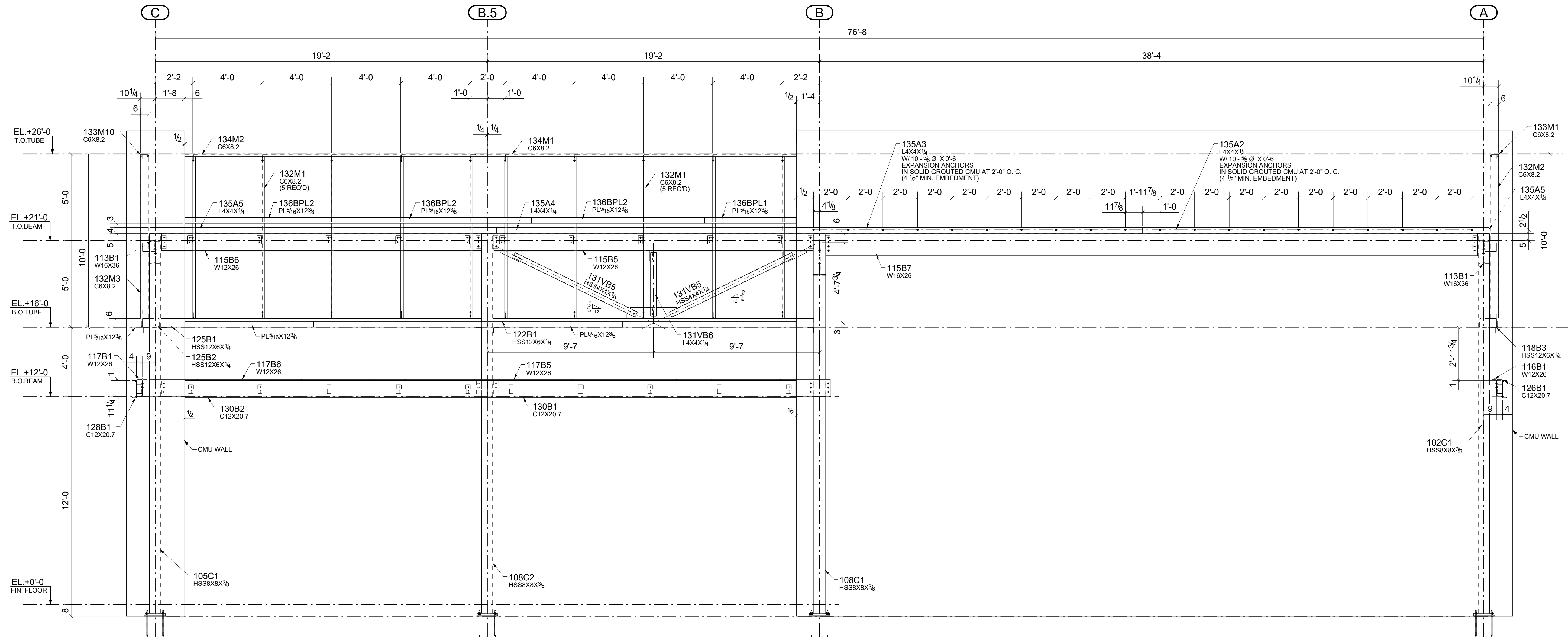




**D SECTION**  
E103 (03/S.201A)

TROY RETAIL BUILDING-A

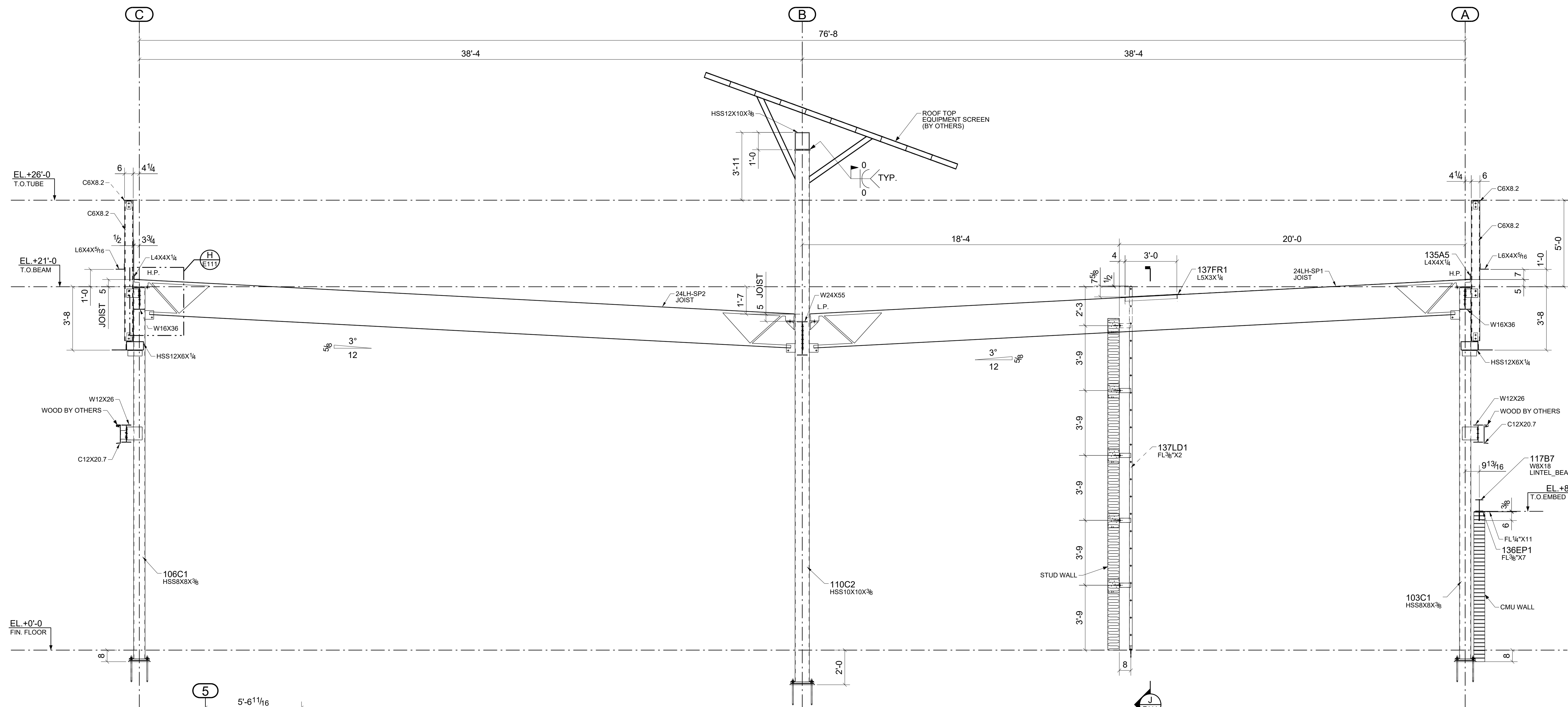
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.		
HOLES: 13/16 DIA. UN	CONN'S: 3/4"Ø HIGH TENSILE	<b>S.201A</b>		SHOP
SURFACE PREP. AND PAINT:		APPROVAL		
SSPC-SP3				
GREY PRIMER (U.N.O)				
DESCRIPTION: RETAIL BUILDING A - SECTION				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/27/2023		
CHKD. BY ABS		DATE 02/03/2023		
JOB No. E109		REV. 0		



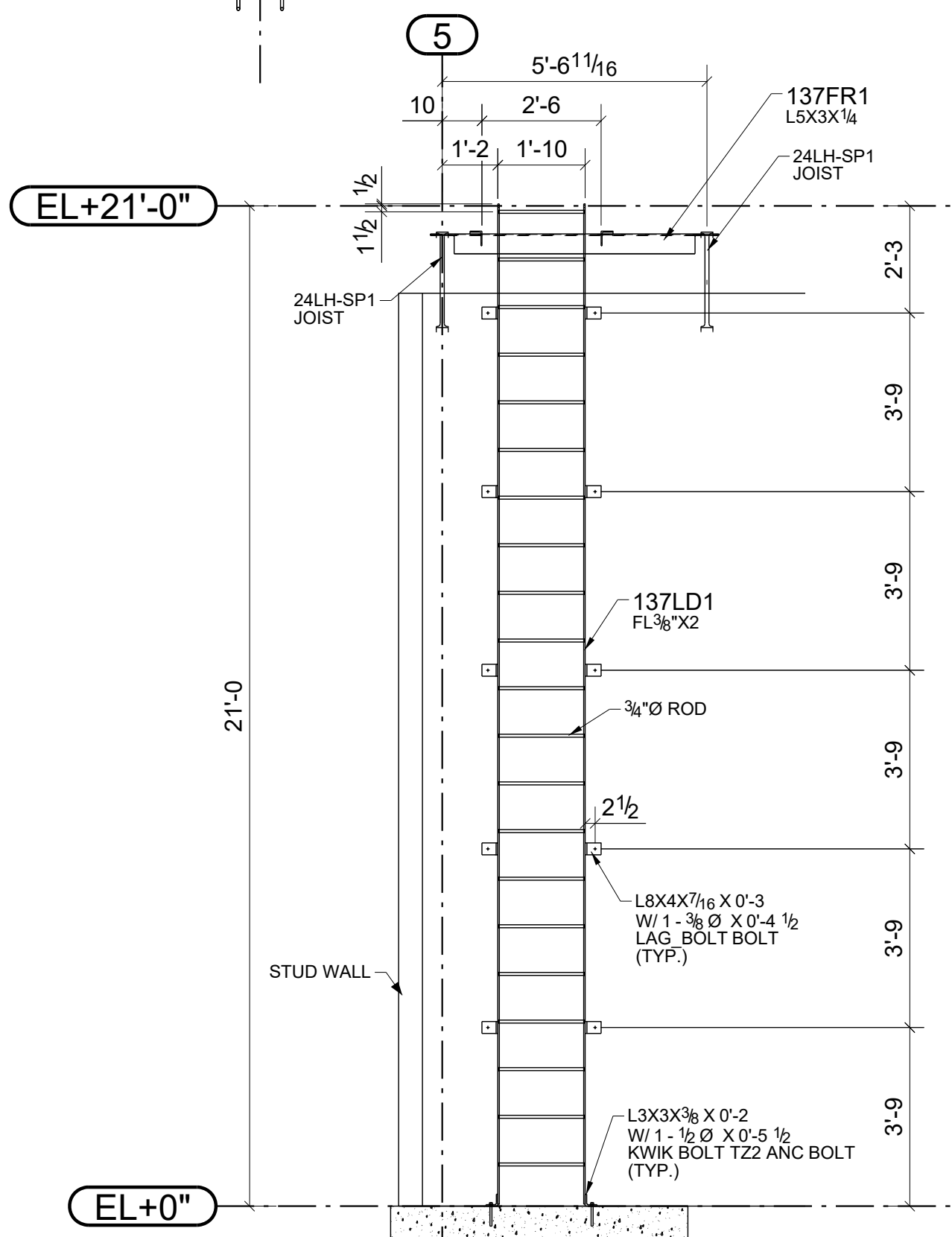
**E SECTION**  
E103 (03/S.201A)

TROY RETAIL BUILDING-A

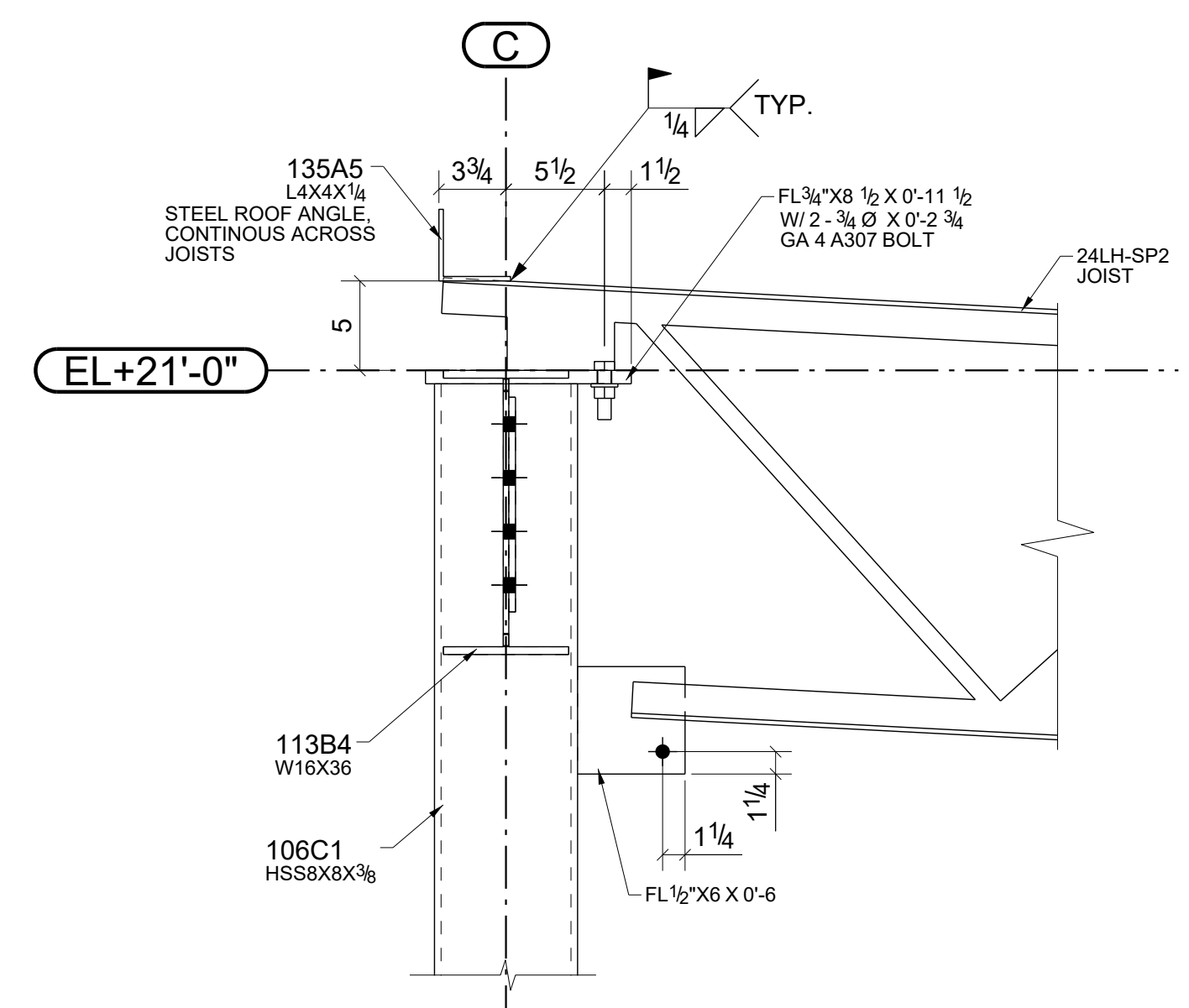
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.		
HOLES: 13/16 DIA. UN	CONN'S: 3/4"Ø HIGH TENSILE	<b>S.201A</b>		SHOP
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O)			APPROVAL	
DESCRIPTION: RETAIL BUILDING A - SECTION				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.			DATE 01/27/2023	
CHKD. BY ABS			DATE 02/03/2023	
JOB No.			REV. No. E10	



**H SECTION**  
E103 (01/A.301)



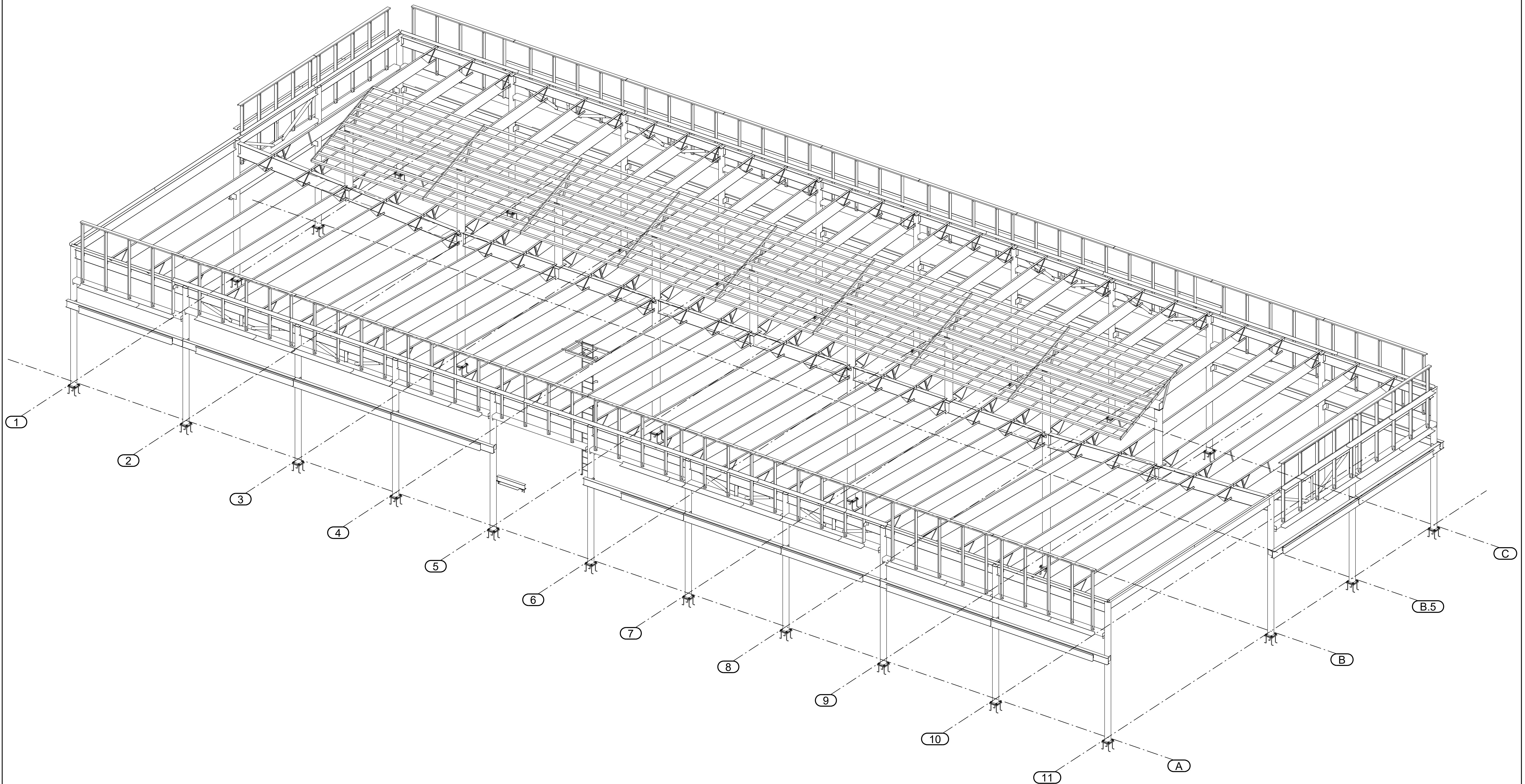
**J SECTION**  
E111 (A.404)



**H DETAIL**  
E111 (TYP.)

0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36		ELECTRODES: E70XX	REF. DRG.	JOB USE
HOLES: 13/16 DIA. UN		CONNVS: 3/4"Ø HIGH TENSILE	<b>S.201A</b>	SHOP
SURFACE PREP:		APPROVAL		
AND PAINT:		APPROVAL		
SSPC-SP3		APPROVAL		
GREY PRIMER (U.N.O)		APPROVAL		
DESCRIPTION: RETAIL BUILDING A - SECTION				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/27/2023	REV.	
CHKD. BY ABS		DATE 02/03/2023	REV.	
JOB No. E111		DRG. No. E111	REV. 0	

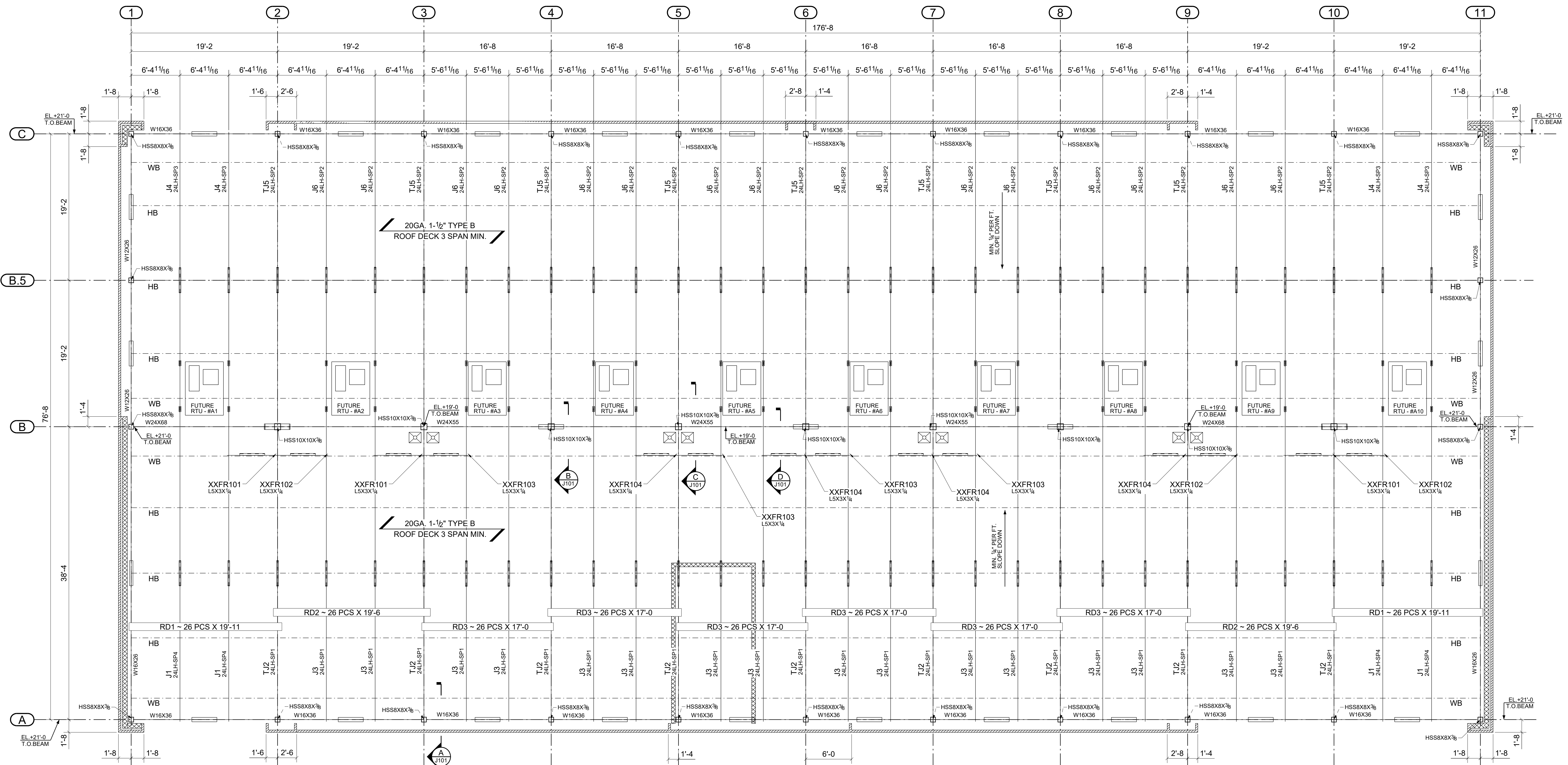
TROY RETAIL BUILDING-A



ISOMETRIC VIEW  
(RETAIL BUILDING-A)

TROY RETAIL BUILDING-A

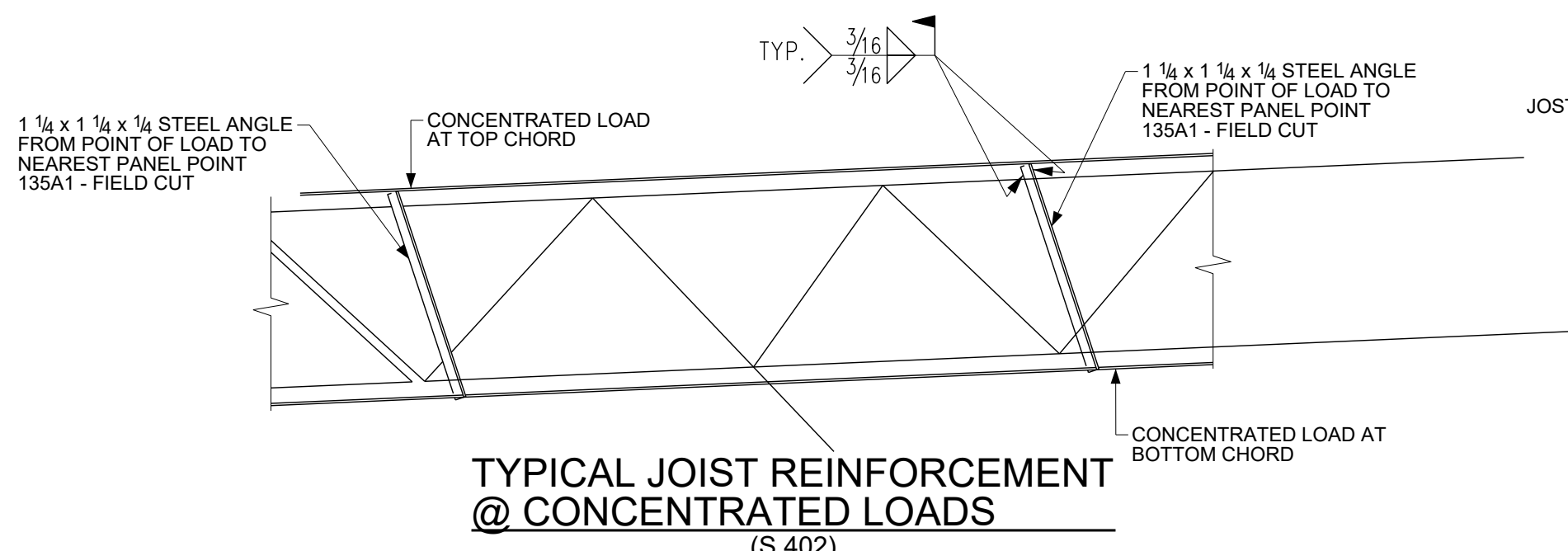
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.		
HOLES: 13/16 DIA. U/N	CONN'S: 3/4"Ø HIGH TENSILE	<b>S.103A</b>		SHOP
SURFACE PREP. AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O)				APPROVAL
DESCRIPTION: RETAIL BUILDING A - ISOMETRIC VIEW				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
.....			DRAWN BY R. K.	DATE 01/27/2023
.....			CHKD. BY ABS	DATE 02/03/2023
.....			JOB No.	DRG. No. E112
.....			REV.	0



### RETAIL BUILDING A - JOIST & DECK PLAN

(Refer: S.103)

- NOTES:
1. HB ~ HORIZONTAL BRIDGING L 1 3/4 X 1 3/4 X 7/64 WELDED AT JOIST TOP & BOTTOM CHORD
  2. WB ~ WIND BRIDGING L 1 3/4 X 1 3/4 X 7/64 WELDED AT JOIST BOTTOM CHORD
  3. ROOF DECK = 1.5B X 20GA TYPE B WIND UPLIFT = 8 P.S.F MINIMUM



TYPICAL BRIDGING DETAIL



REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	03/23/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

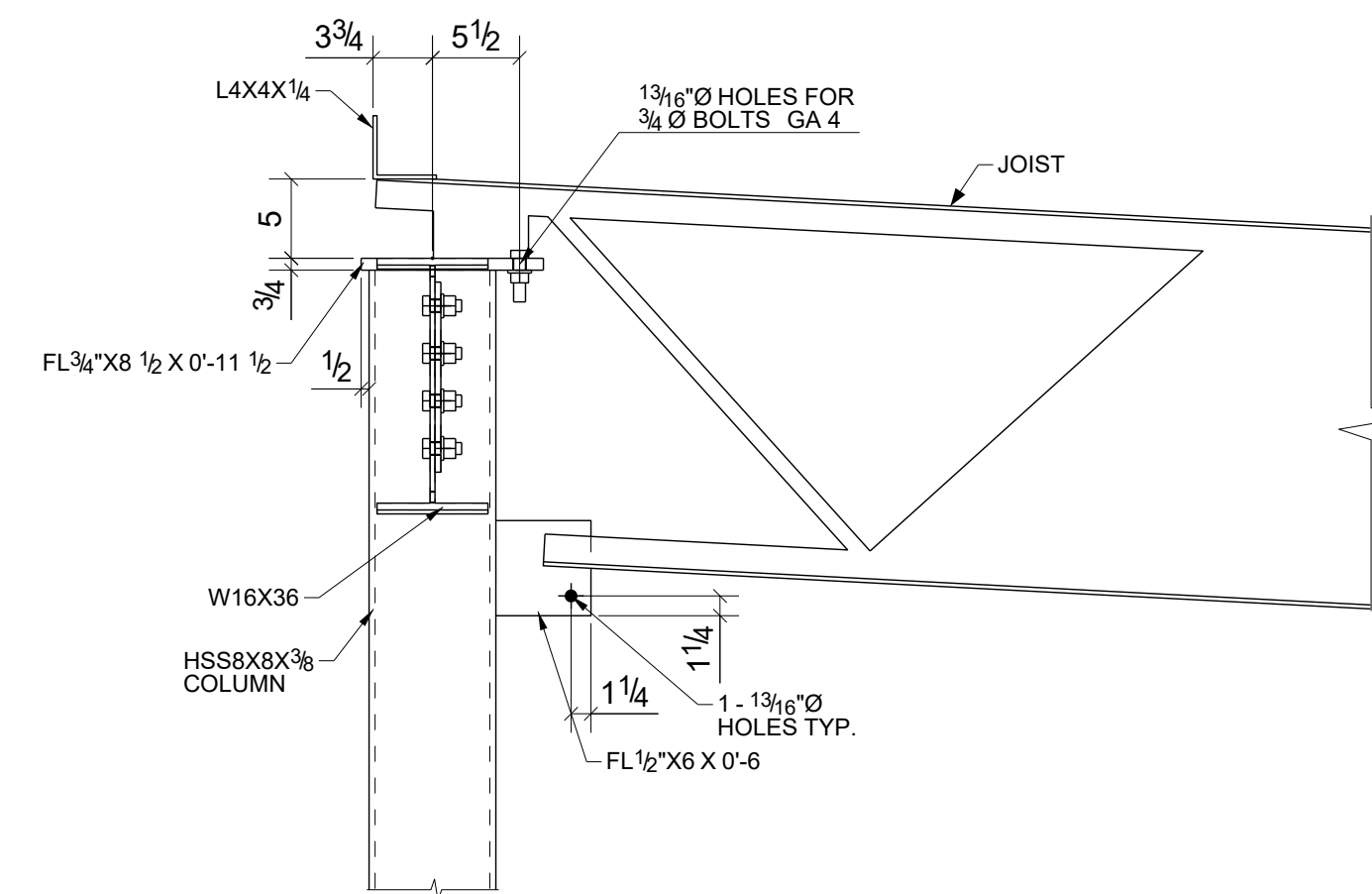
GENERAL NOTES		JOB USE	
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	S.103
HOLES: 13/16 DIA. UN	CORNS: 3/4"Ø HIGH TENSILE	SHOP	
SURFACE PREP. AND PAINT:		APPROVAL	

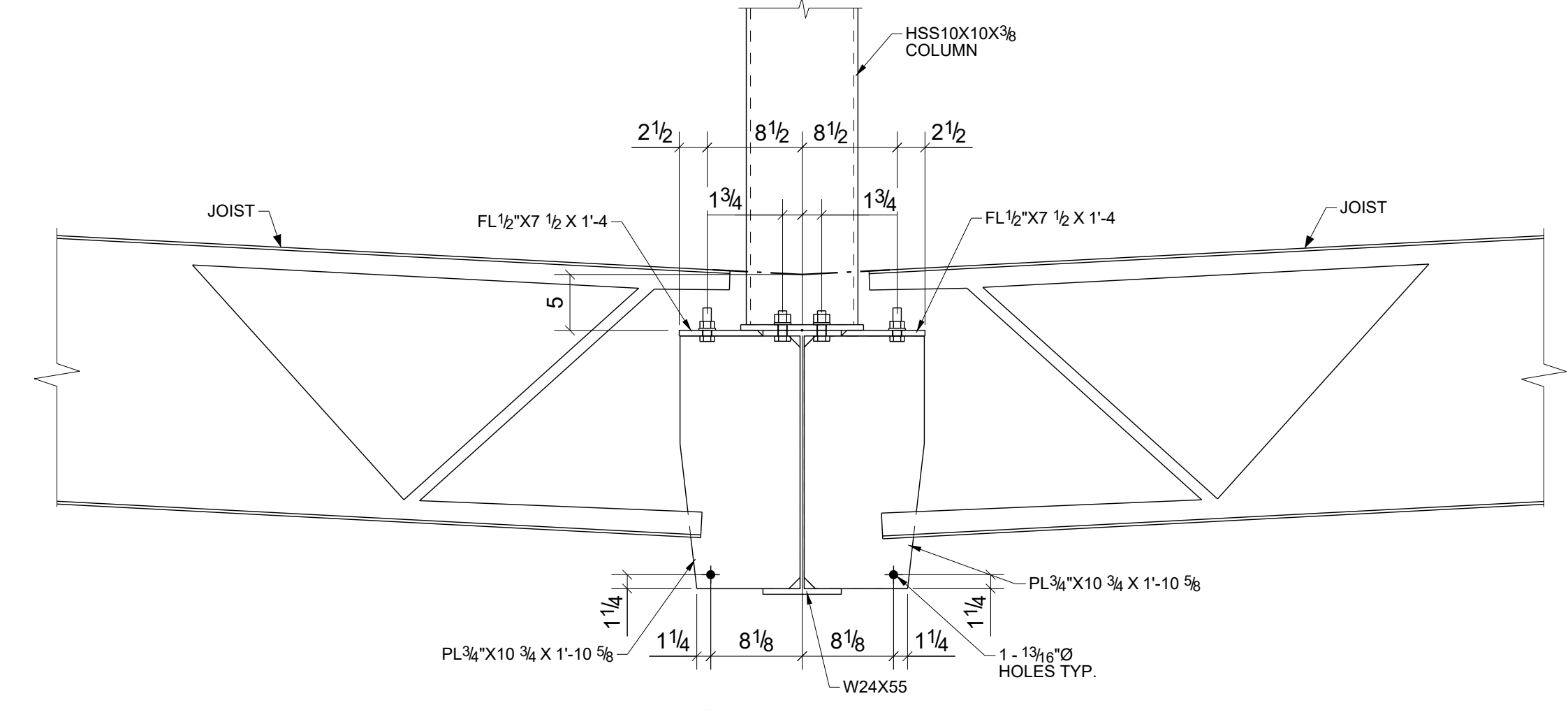
DESCRIPTION: RETAIL BUILDING A - JOIST & DECK PLAN			
PROJECT NAME: Crooks & Big Beaver Retail Building A & B			
LOCATION: Big Beaver, Troy, Michigan			
CONTRACTOR: .....			
DRAWN BY: R. K.	DATE: 01/27/2023		
CHKD. BY: ABS	DATE: 02/03/2023		
JOB No.:	DRG. No. J100	REV.:	0

TROY RETAIL BUILDING-A

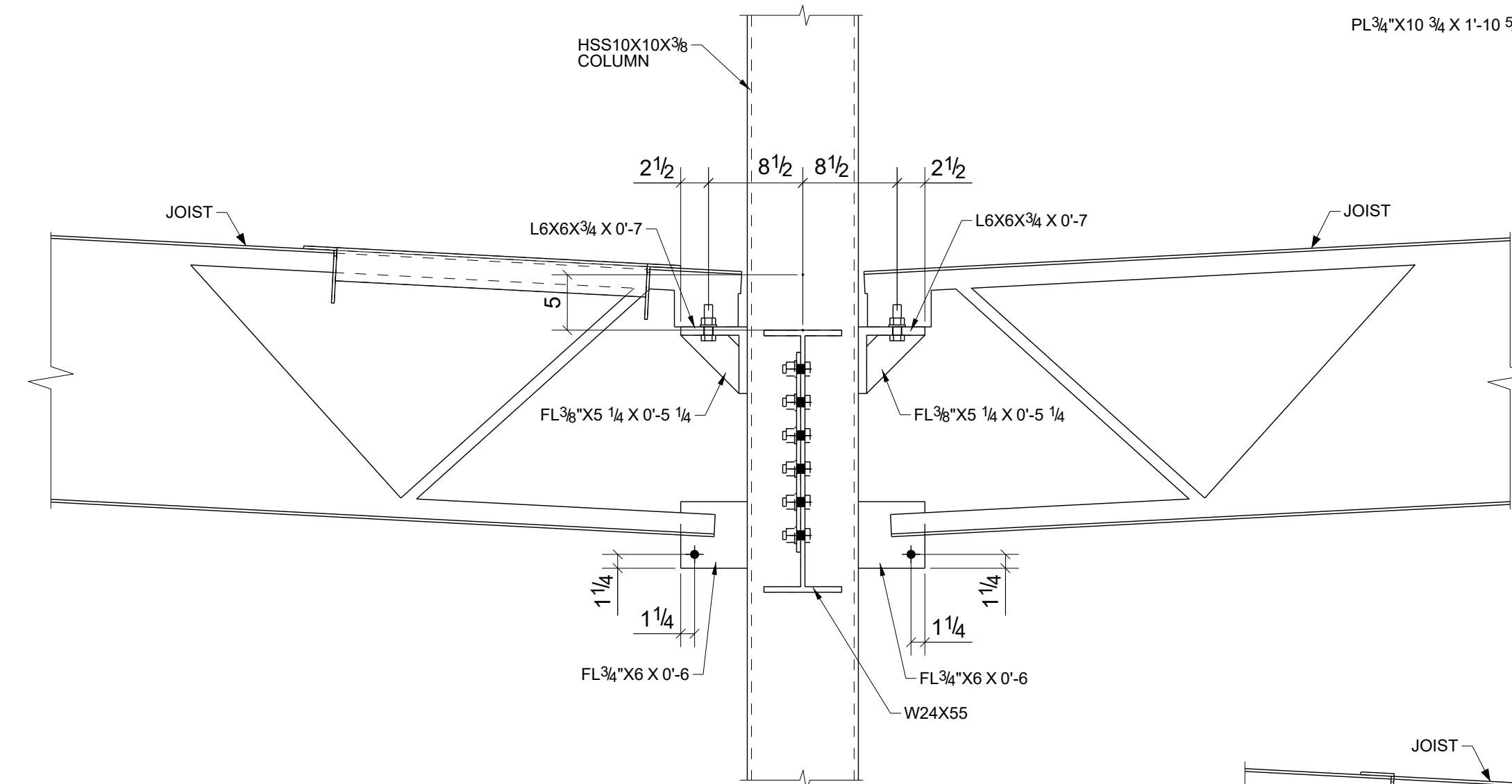




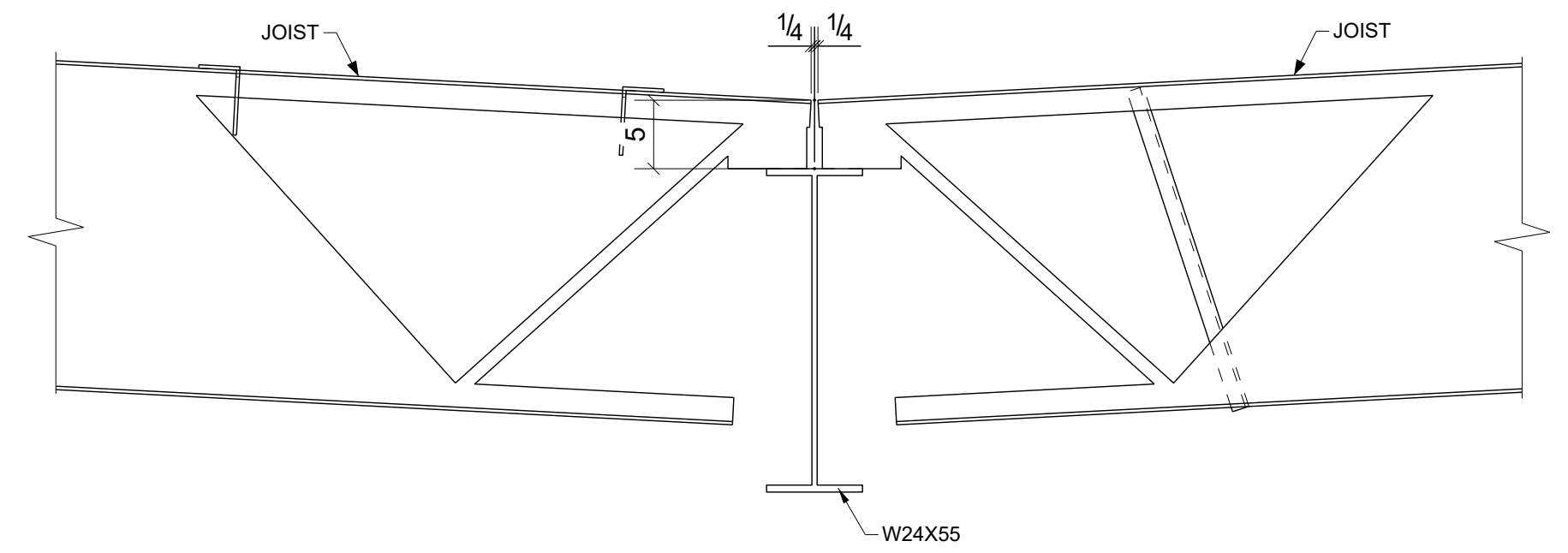
**A SECTION**  
(TYP.)  
J100



**B SECTION**  
(TYP.)  
J100



**C SECTION**  
(TYP.)  
J100



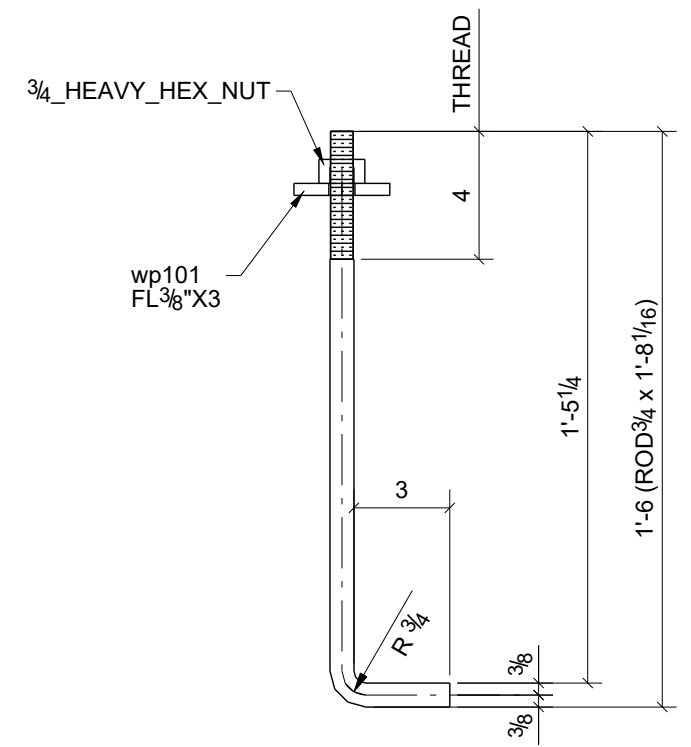
**D SECTION**  
(TYP.)  
J100

0	For Fabrication	03/17/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				JOB USE
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.		
HOLES: 13/16 DIA. UN	CONN'S: 3/4\"/>			

TROY RETAIL BUILDING-A

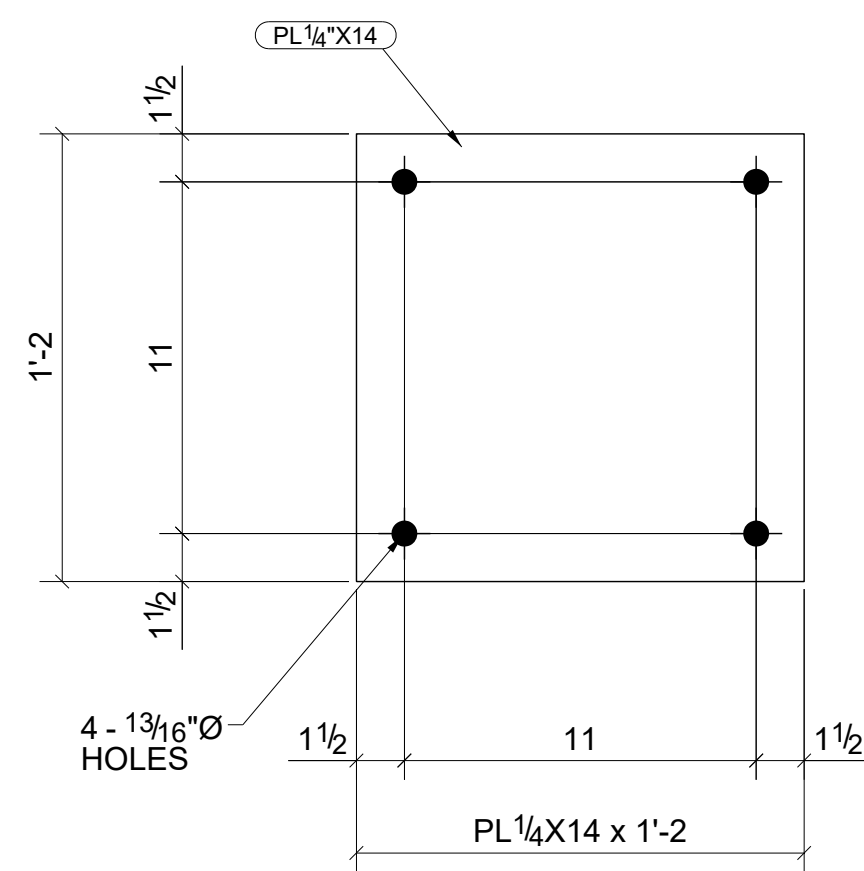


SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
120	101AB1	ROD3/4"	1'-8 1/16"		SQ-2 F1554-36
	120	FL3/8"x3"	0'-3"	wp101	A36
	120	3/4_HEAVY_HEX_NUT			
26	101LP1	PL1/4"x14"	1'-2"		SQ-2 A36
4	101LP2	PL1/4"x16"	1'-4"		SQ-2 A36



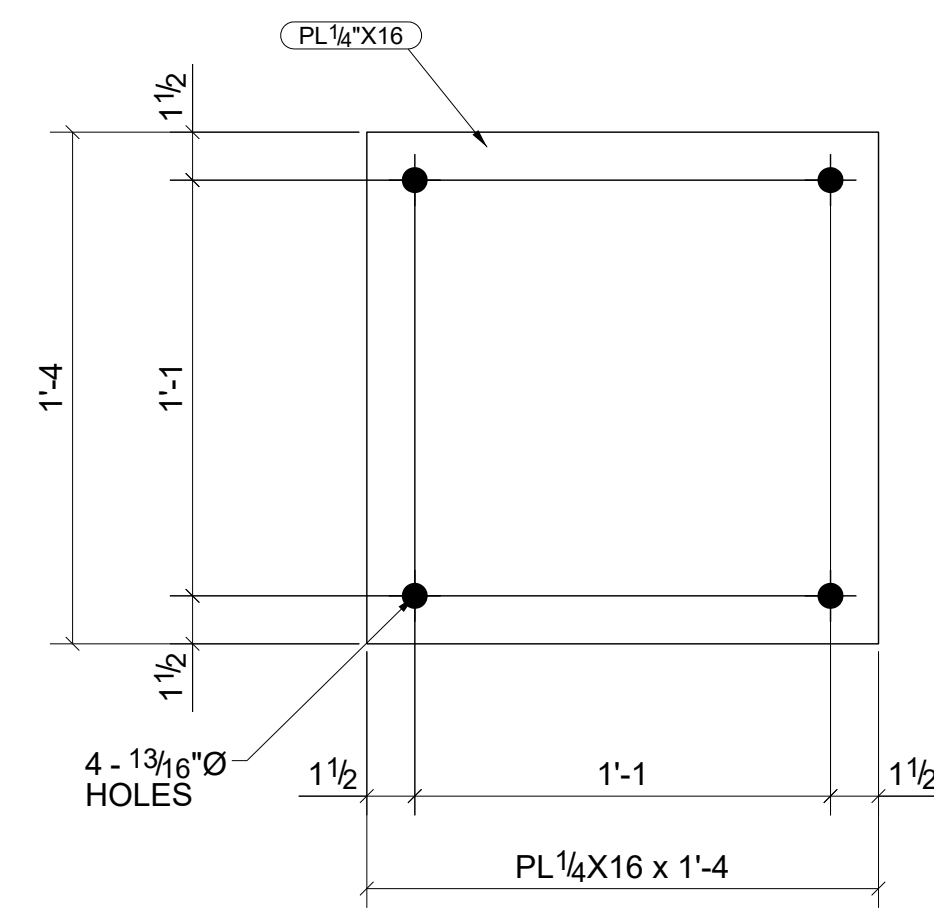
**120 - ANCHOR RODS - 101AB1**

NO PAINT



**26 - LEVELING PLATES - 101LP1**

SHOP PRIMER



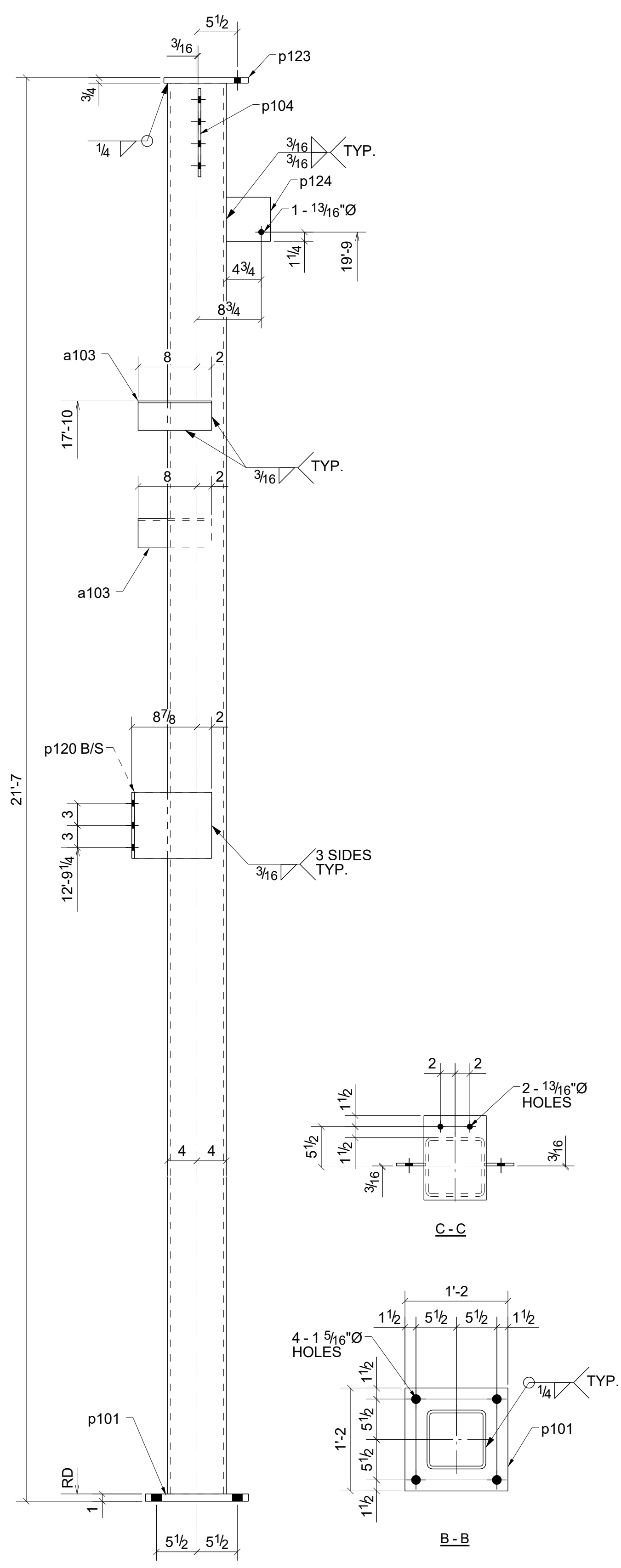
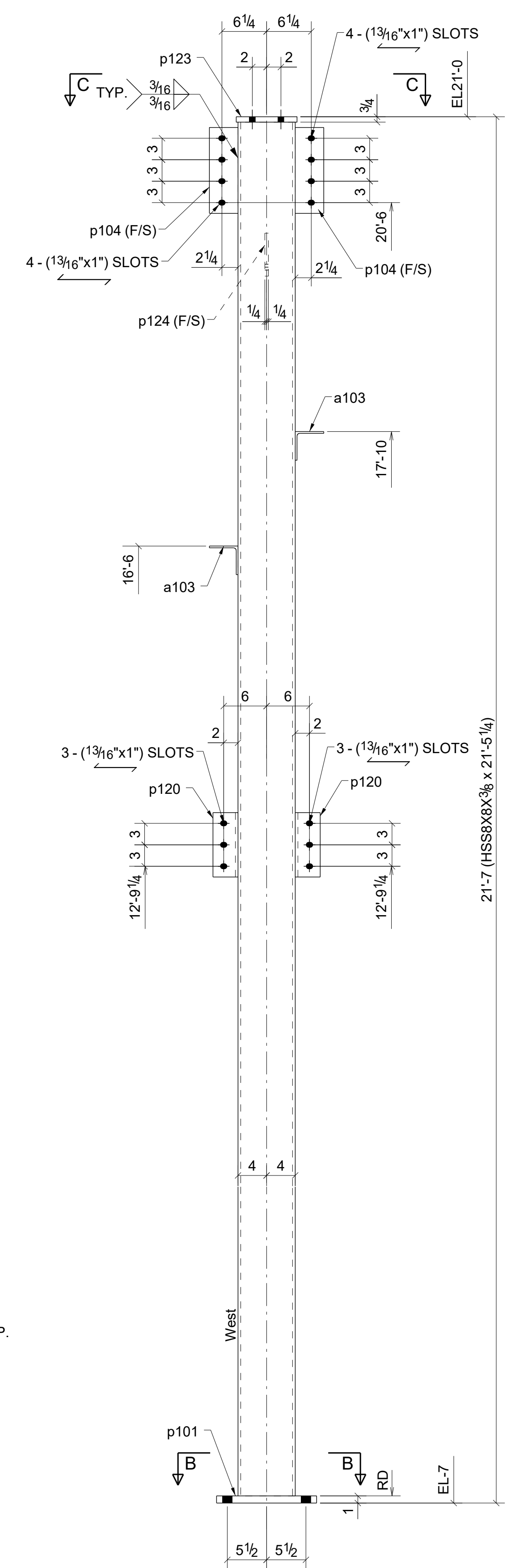
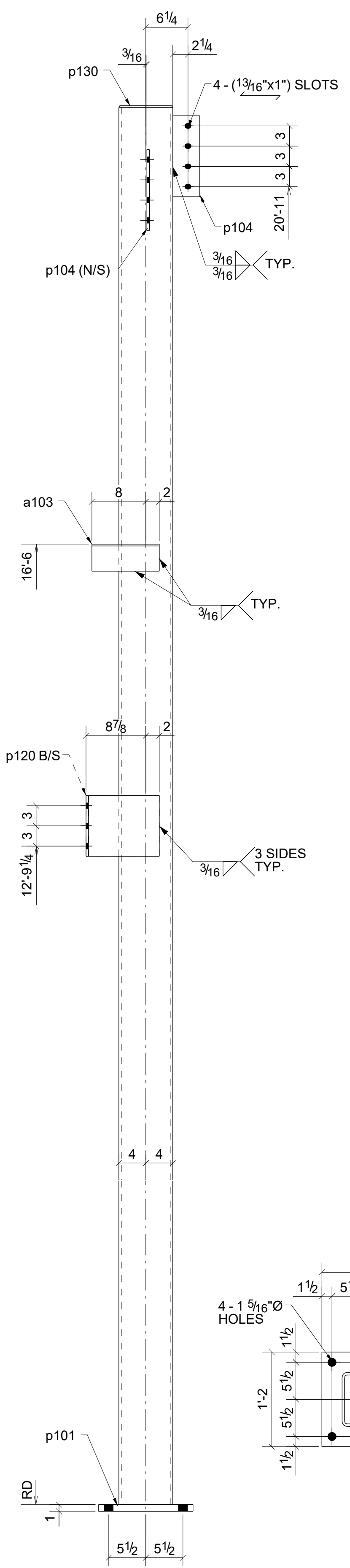
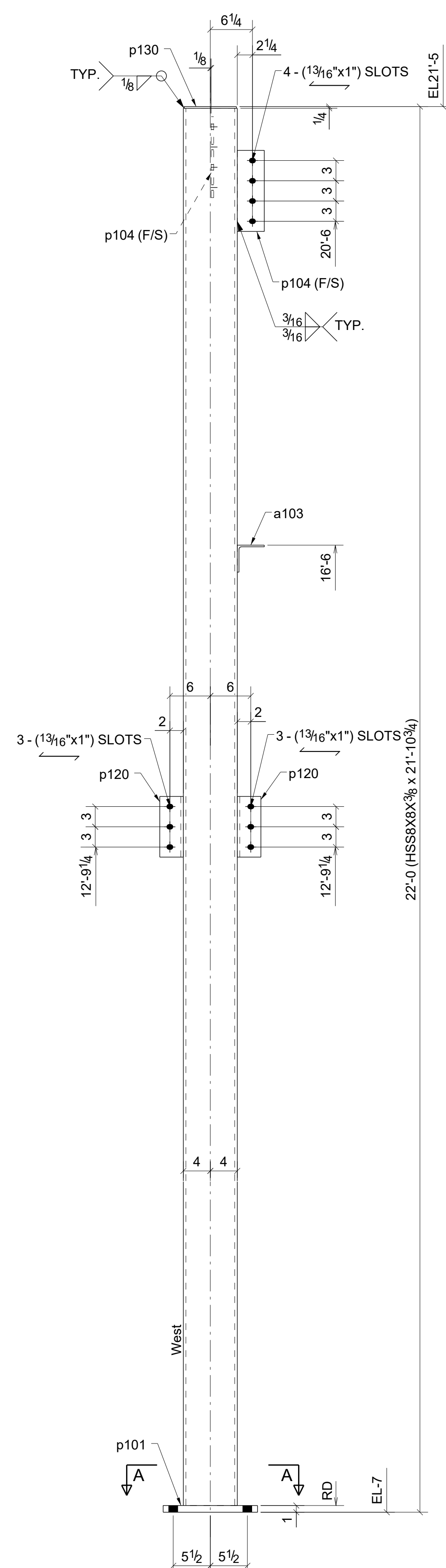
**4 - LEVELING PLATES - 101LP2**

SHOP PRIMER

0	For Fabrication	02/04/2023	R. K.	A
A	For Approval	01/20/2023	R. K.	A
REV.	DESCRIPTION	DATE	APP.	OWN
<b>GENERAL NOTES</b>				JOB USE
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.		
HOLES: 13/16 DIA. UN	CONWS: 3/4"Ø HIGH TENSILE	<b>E-100</b>	SHOP	
SURFACE PREP. AND PAINT:				APPROVAL
SSPC-SP3				
NO PAINT UNO				
DESCRIPTION: ANCHOR RODS AND LEVELING PLATES				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/17/2023		
CHKD. BY ABS		DATE 01/20/2023		
JOB No.		DRG. No. 101		

**BILL OF MATERIAL**

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	102C1	1	HSS8X8X3/8	21'-10 3/4"		SQ-2 A500-GR.B
		1	L4X4X1/4	0'-10"	a103	A36
		1	PL1"X14"	1'-2"	p101	A36
		2	FL3/8"X4"	1'-0"	p104	A36
		2	FL3/8"X9"	1'-1 5/8"	p120	A36
		1	FL1/4"X7 3/4"	0'-7 3/4"	p130	A36
1	102C2	1	HSS8X8X3/8	21'-5 1/4"		SQ-2 A500-GR.B
		2	L4X4X1/4	0'-10"	a103	A36
		1	PL1"X14"	1'-2"	p101	A36
		2	FL3/8"X4"	1'-0"	p104	A36
		2	FL3/8"X9"	1'-1 5/8"	p120	A36
		1	FL3/4"X8 1/2"	0'-11 1/2"	p123	A36
		1	FL1/2"X6"	0'-6"	p124	A36



0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK

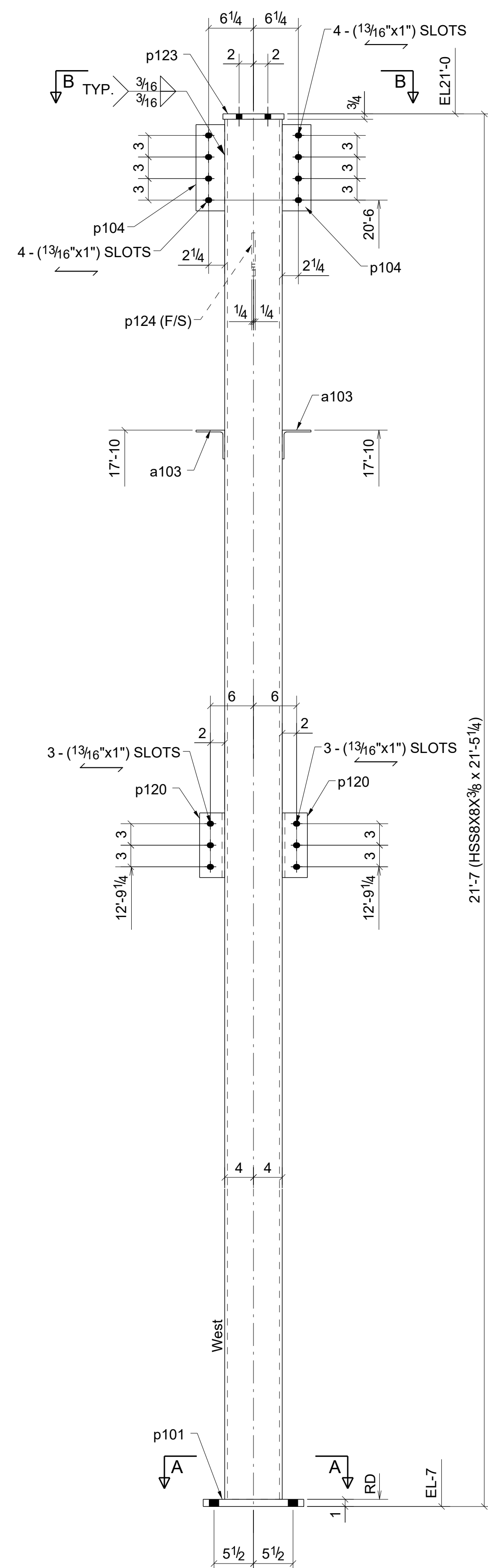
GENERAL NOTES				JOB USE	
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.			
HOLES: 13/16 DIA. UN	CONN'S: 3/4"Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP		
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)			APPROVAL		

DESCRIPTION: COLUMNS  
 PROJECT NAME Crooks & Big Beaver Retail Building A & B  
 LOCATION Big Beaver, Troy, Michigan  
 CONTRACTOR

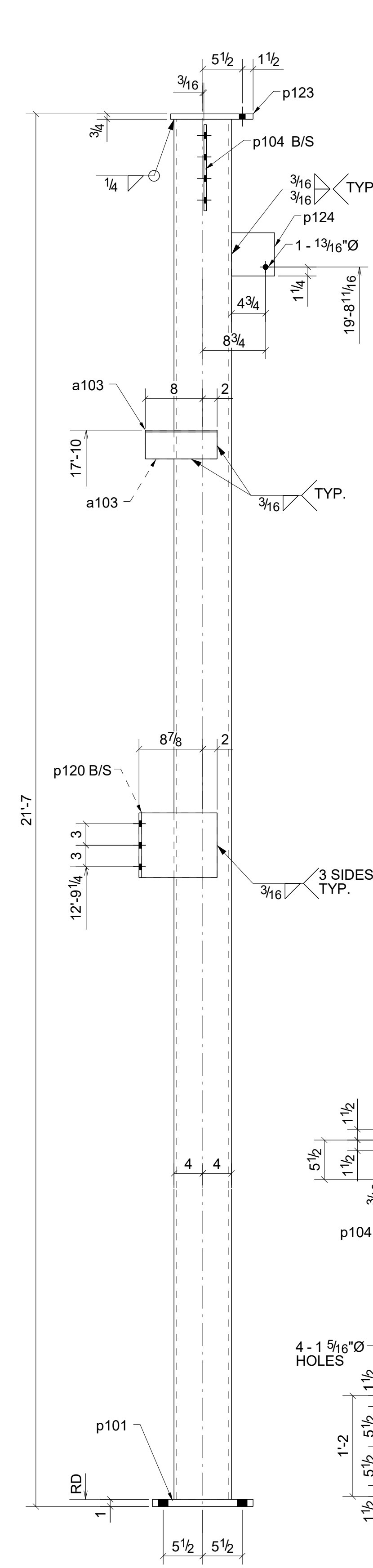
.....	DRAWN BY R. K.	DATE 01/27/2023
.....	CHKD. BY ABS	DATE 02/02/2023
.....	JOB No.	DRG. No. 102
		REV. 0

**BILL OF MATERIAL**

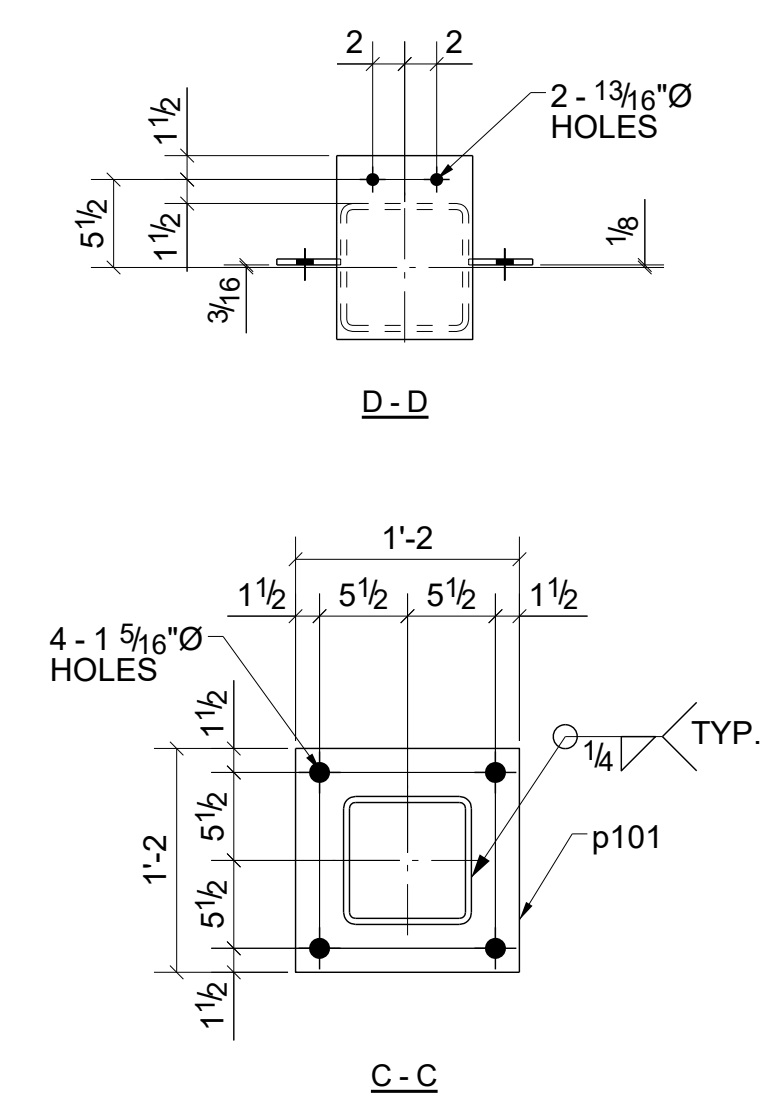
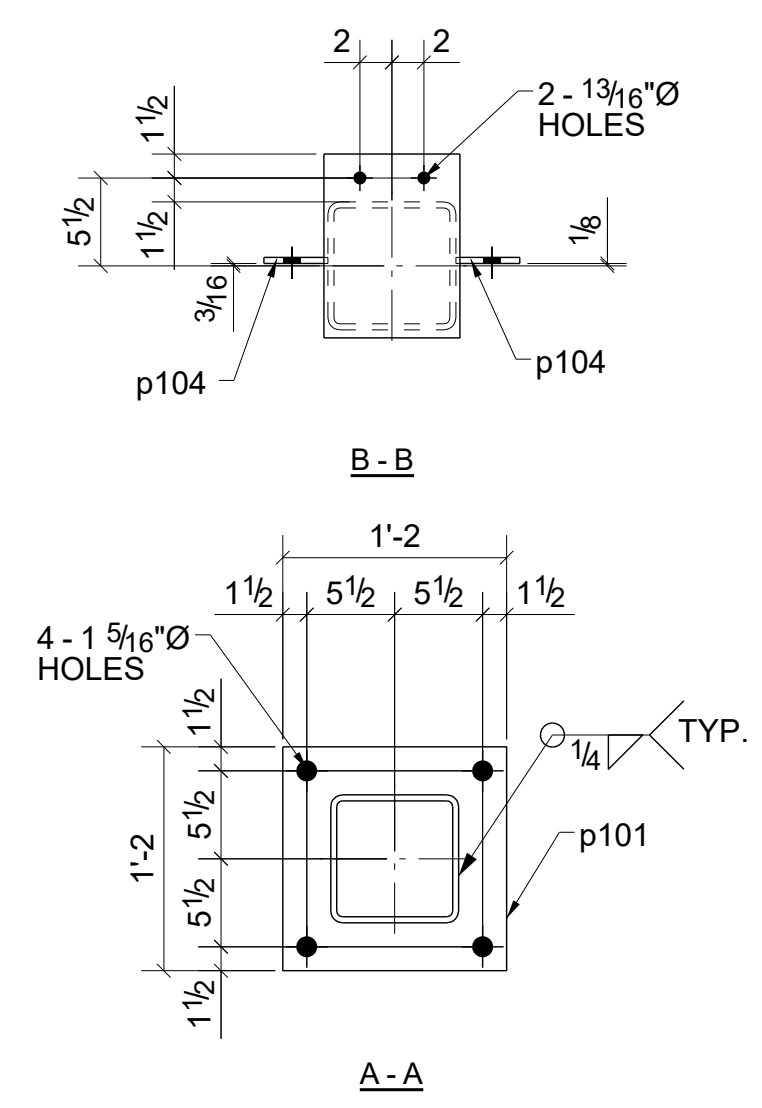
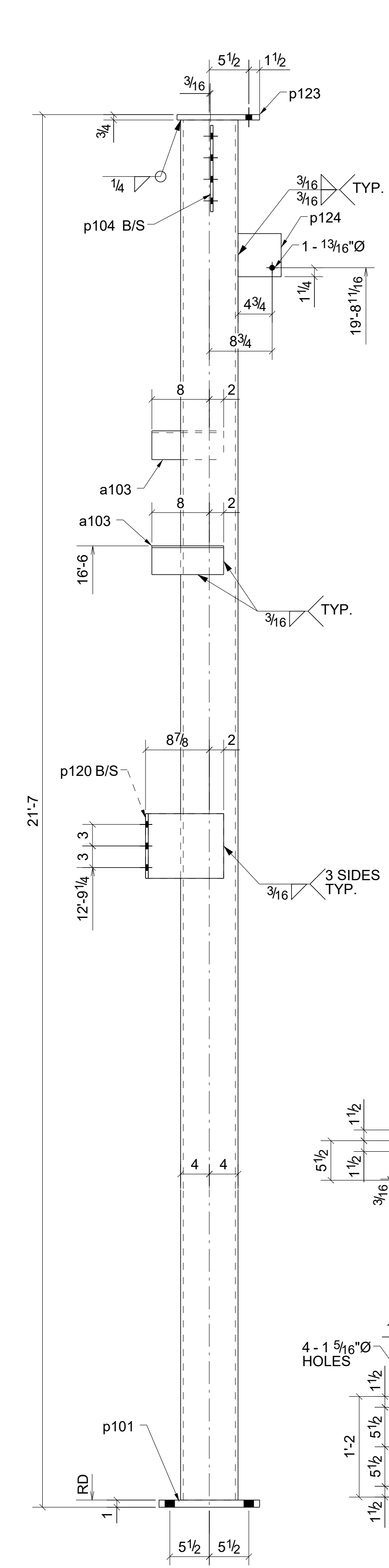
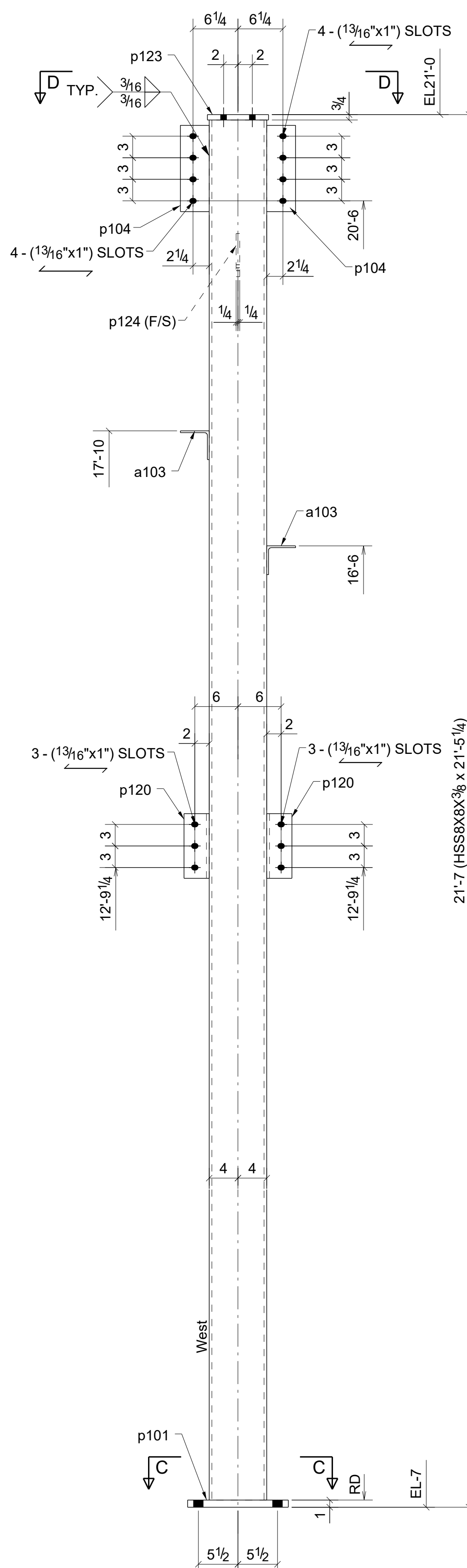
SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
6 103C1	6	HSS8X8X3/8	21'-5 1/4"		SQ2 A500-GR.B
	12	L4X4X1/4	0'-10"	a103	A36
	6	PL1"x14"	1'-2"	p101	A36
	12	FL3/8"x4"	1'-0"	p104	A36
	12	FL3/8"x9"	1'-1 5/8"	p120	A36
	6	FL3/4"x8 1/2"	0'-11 1/2"	p123	A36
1 103C2	1	HSS8X8X3/8	21'-5 1/4"		SQ2 A500-GR.B
	2	L4X4X1/4	0'-10"	a103	A36
	1	PL1"x14"	1'-2"	p101	A36
	2	FL3/8"x4"	1'-0"	p104	A36
	2	FL3/8"x9"	1'-1 5/8"	p120	A36
	1	FL3/4"x8 1/2"	0'-11 1/2"	p123	A36
	1	FL1/2"x8"	0'-6"	p124	A36



**6 - COLUMNS - 103C1**



**ONE - COLUMN - 103C2**



0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK

**GENERAL NOTES**

MATERIAL: A36  
ELECTRODES: E70XX  
SURFACE PREP: SSPC-SP3  
AND PAINT: GREY PRIMER (U.N.O.)

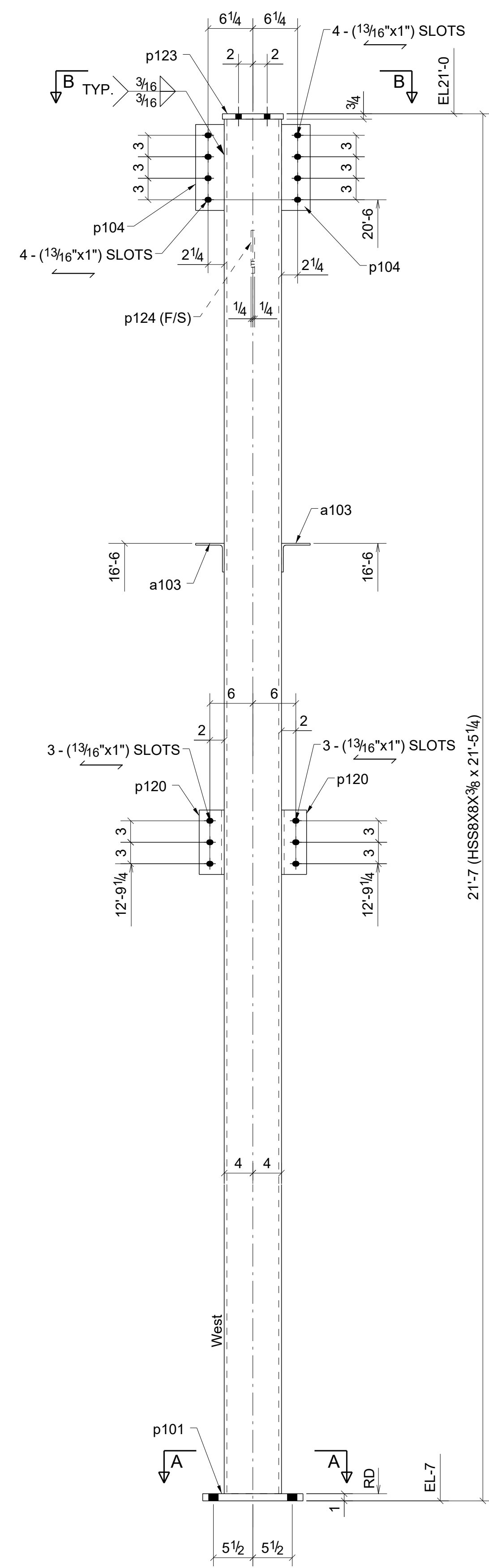
HOLES: 13/16" DIA. UN  
CONN'S: 3/4"Ø HIGH TENSILE

REF. DRG. E102 - E112

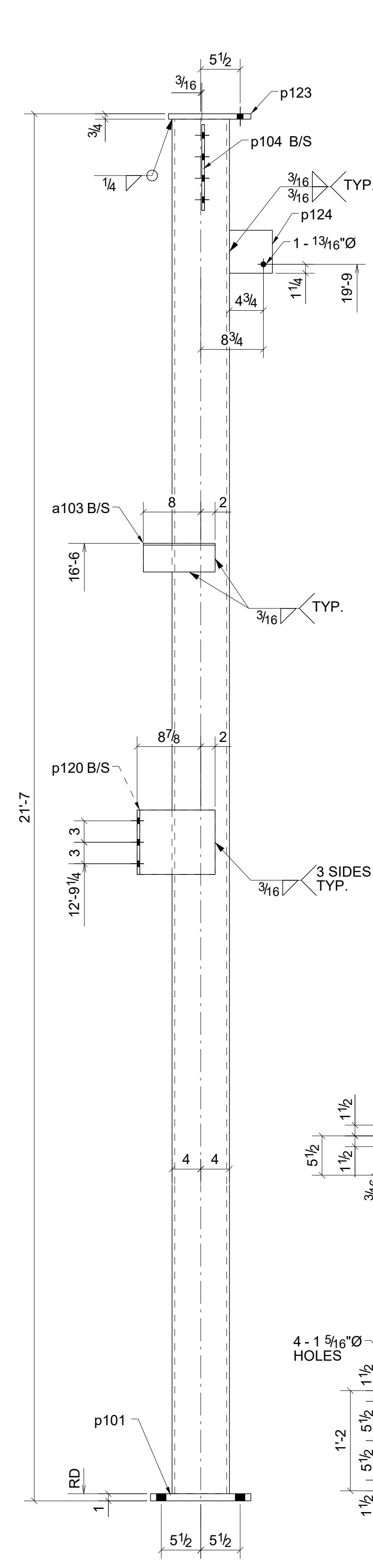
DESCRIPTION: COLUMNS  
PROJECT NAME: Crooks & Big Beaver Retail Building A & B  
LOCATION: Big Beaver, Troy, Michigan

CONTRACTOR: .....

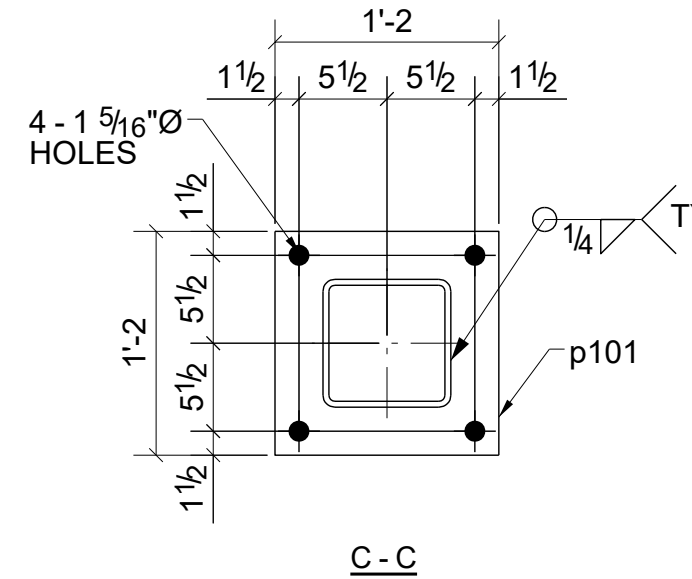
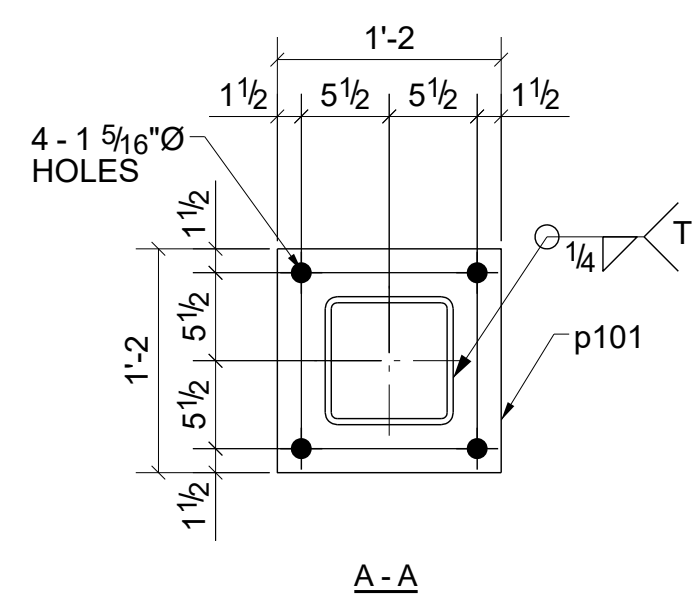
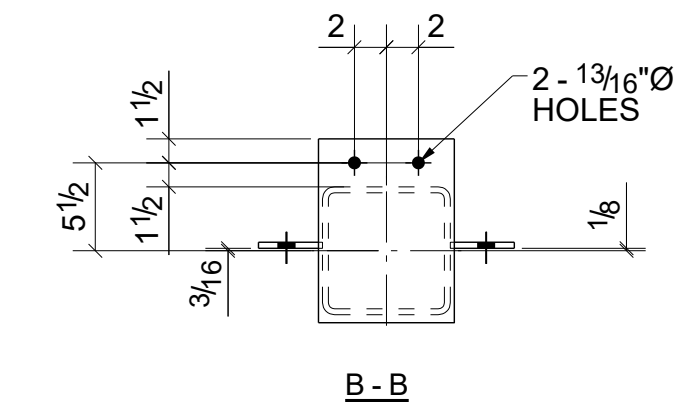
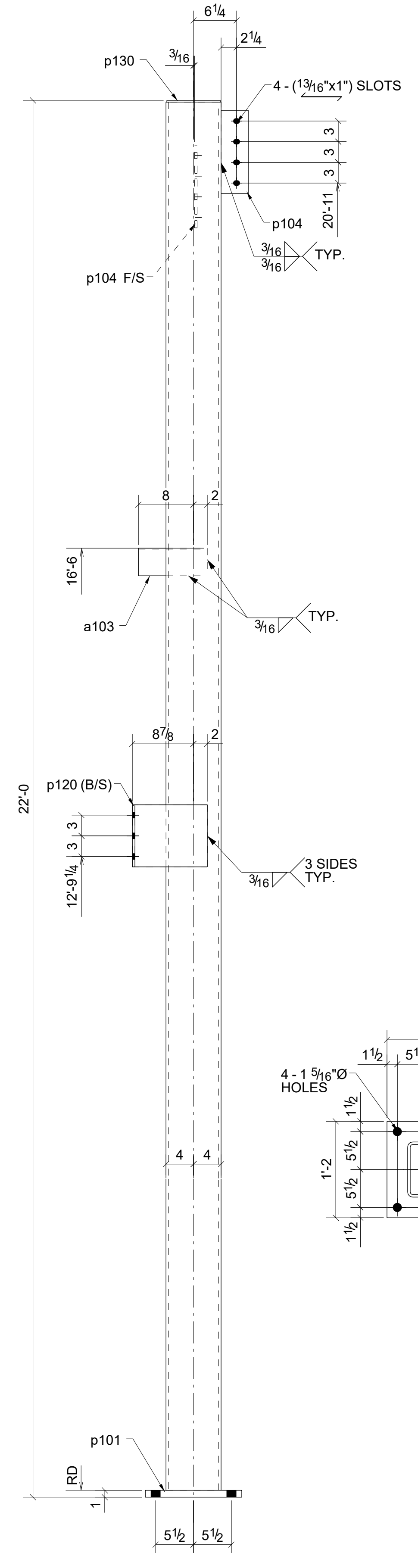
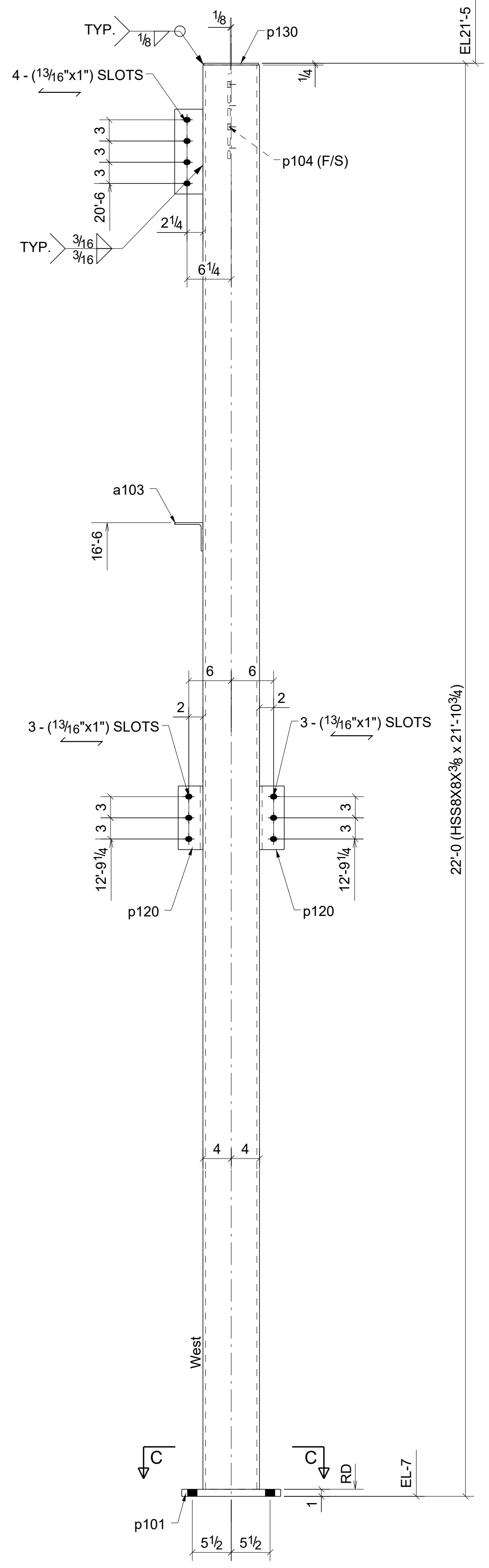
DRAWN BY	R. K.	DATE	01/27/2023
CHKD. BY	ABS	DATE	02/02/2023
JOB No.	103	DRG. No.	103
		REV.	0



ONE - COLUMN - 104C1



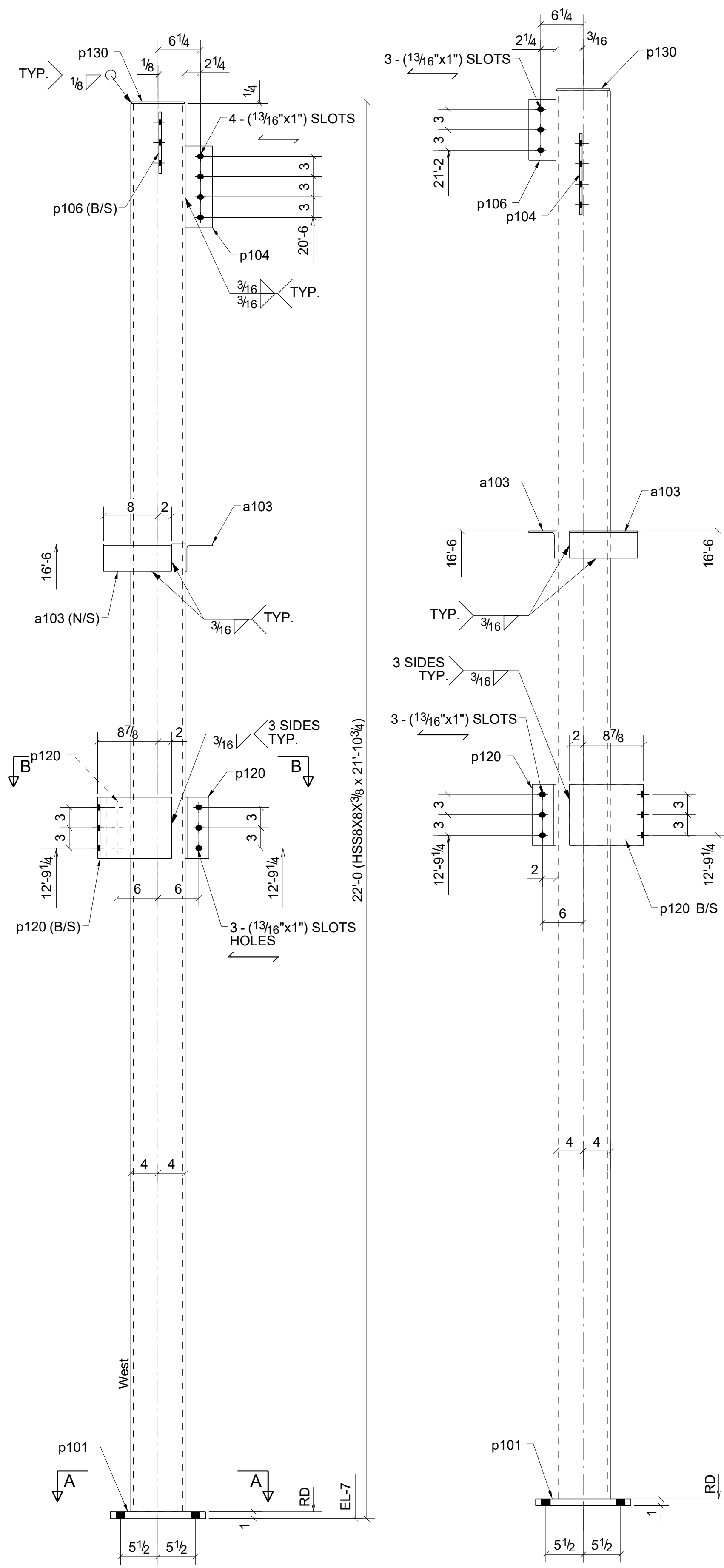
ONE - COLUMN - 104C2



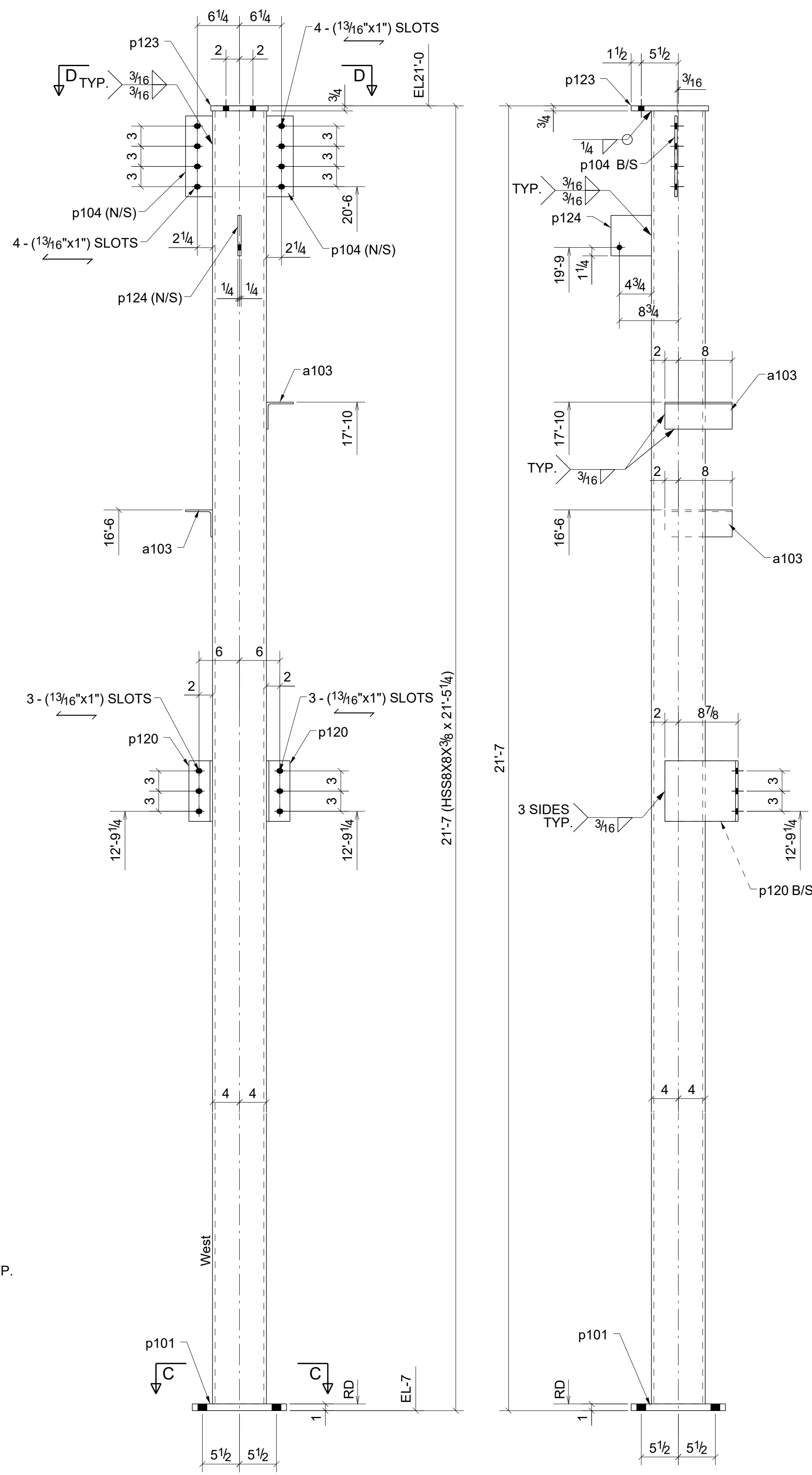
BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 104C1	1	HSSB8X8X3/8	21'-5 1/4"		SQ-2 A500-GR.B
	2	L4X4X1/4	0'-10"	a103	A36
	1	PL1"x14"	1'-2"	p101	A36
	2	FL3/8"x4"	1'-0"	p104	A36
	2	FL3/8"x9"	1'-1 5/8"	p120	A36
	1	FL3/4"x8 1/2"	0'-11 1/2"	p123	A36
1 104C2	1	HSSB8X8X3/8	21'-10 3/4"		SQ-2 A500-GR.B
	1	L4X4X1/4	0'-10"	a103	A36
	1	PL1"x14"	1'-2"	p101	A36
	2	FL3/8"x4"	1'-0"	p104	A36
	2	FL3/8"x9"	1'-1 5/8"	p120	A36
	1	FL1/2"x8"	0'-6"	p124	A36

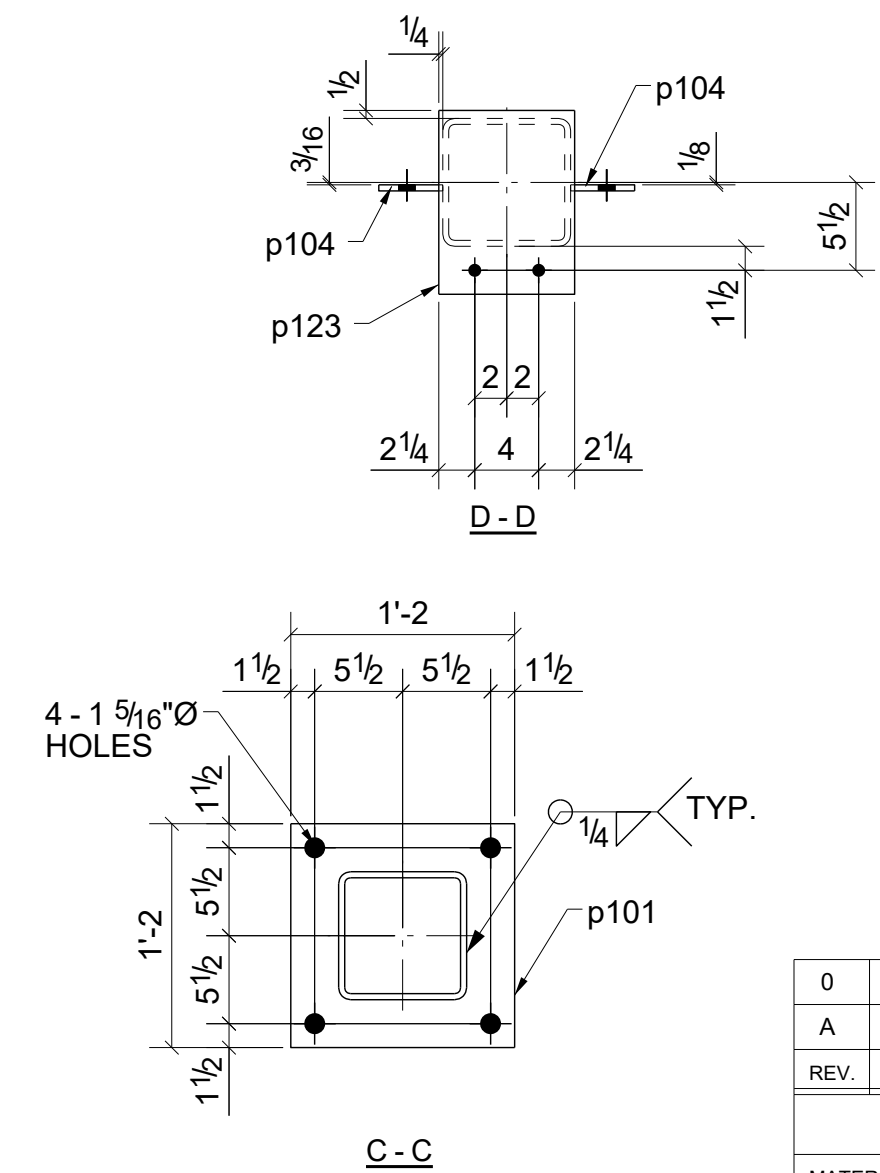
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36		ELECTRODES: E70XX	REF. DRG.	JOB USE
HOLES: 13/16 DIA. UN		CONN'S: 3/4"Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP
SURFACE PREP:		APPROVAL		
AND PAINT:		APPROVAL		
SSPC-SP3		APPROVAL		
GREY PRIMER (U.N.O.)		APPROVAL		
DESCRIPTION: COLUMNS				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/27/2023		
CHKD. BY ABS		DATE 02/02/2023		
JOB No. 104		DRG. No. 104		REV. 0



ONE - COLUMN - 105C1



ONE - COLUMN - 105C2



**BILL OF MATERIAL**

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	105C1	1	HSS8X8X3/8	21'-10 3/4"	SQ2 A500-GR.B
		2	L4X4X1/4	0'-10"	a103 A36
		1	PL1"x14"	1'-2"	p101 A36
		1	FL3/8"x4"	1'-0"	p104 A36
		1	FL3/8"x4"	0'-9"	p106 A36
		3	FL3/8"x9"	1'-1 5/8"	p120 A36
		1	FL1/4"x7 3/4"	0'-7 3/4"	p130 A36
1	105C2	1	HSS8X8X3/8	21'-5 1/4"	SQ2 A500-GR.B
		2	L4X4X1/4	0'-10"	a103 A36
		1	PL1"x14"	1'-2"	p101 A36
		2	FL3/8"x4"	1'-0"	p104 A36
		2	FL3/8"x9"	1'-1 5/8"	p120 A36
		1	FL3/4"x8 1/2"	0'-11 1/2"	p123 A36
		1	FL1/2"x6"	0'-6"	p124 A36

0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK

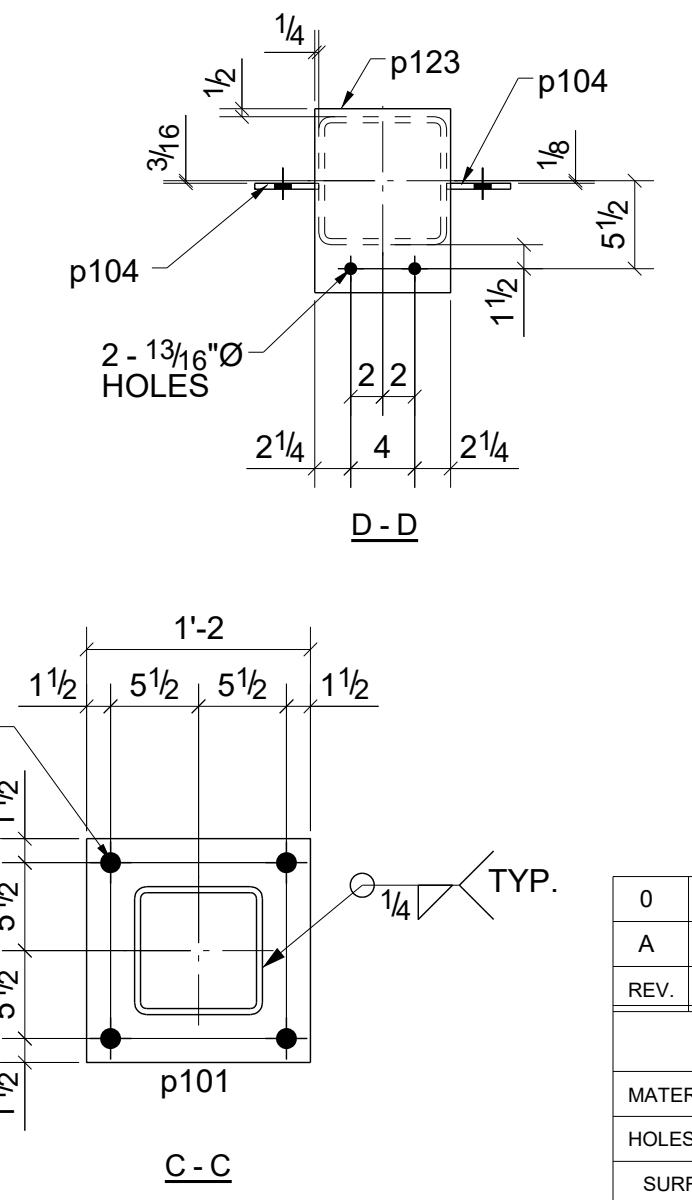
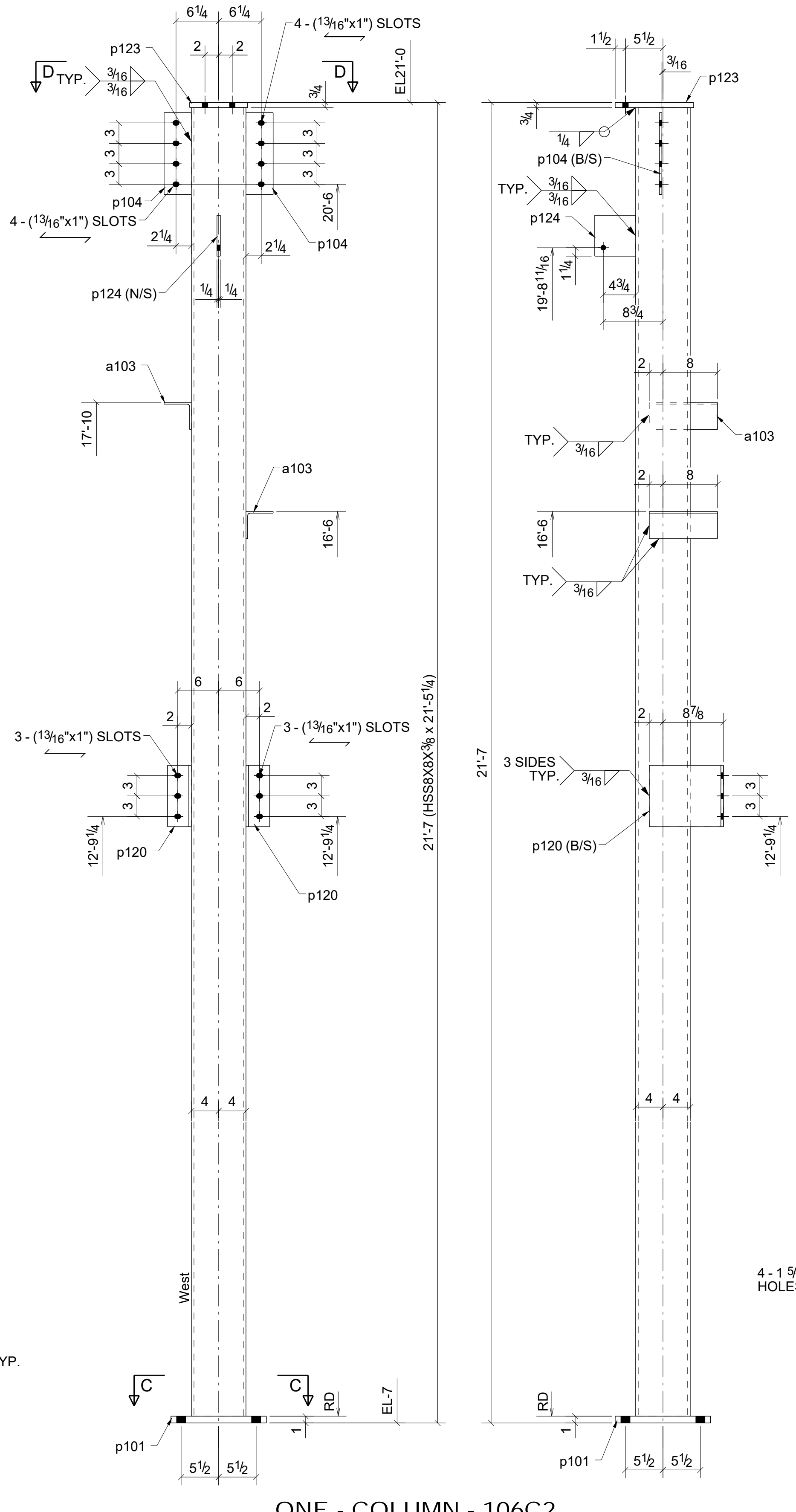
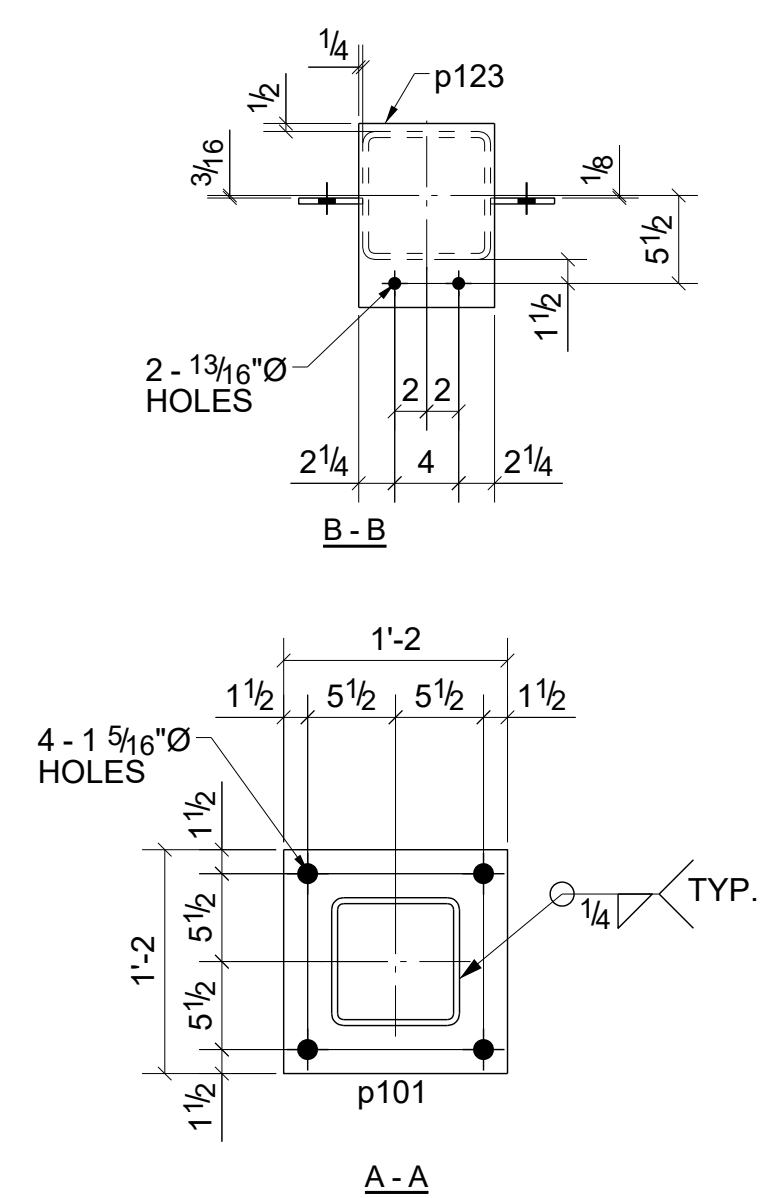
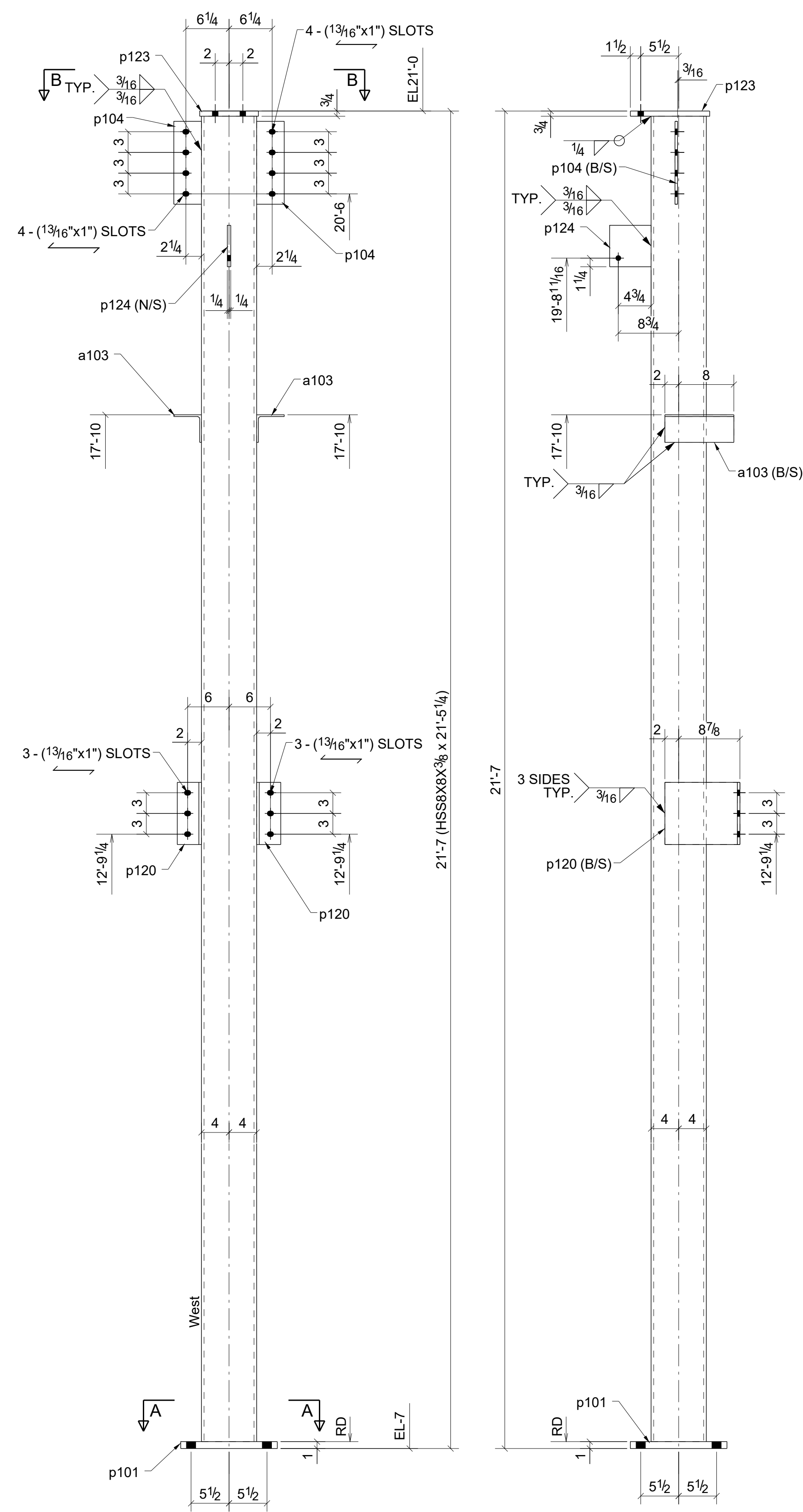
**GENERAL NOTES**

MATERIAL: A36  
ELECTRODES: E70XX  
REF. DRG. E102 - E112  
Holes: 13/16 DIA. UN  
CONNS: 3/4"Ø HIGH TENSILE

SURFACE PREP: SSPC-SP3  
AND PAINT: GREY PRIMER (U.N.O.)

DESCRIPTION: COLUMNS  
PROJECT NAME: Crooks & Big Beaver Retail Building A & B  
LOCATION: Big Beaver, Troy, Michigan  
CONTRACTOR: .....

DRAWN BY: R. K.  
DATE: 01/27/2023  
CHKD. BY: ABS  
DATE: 02/02/2023  
JOB No. 105  
DRG. No. 105  
REV. 0



BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
6	106C1	6	HSS8X8X3/8	21'-5 1/4"		SQ2 A500-GR.B
		12	L4X4X1/4	0'-10"	a103	A36
		6	PL1"x14"	1'-2"	p101	A36
		12	FL3/8"x4"	1'-0"	p104	A36
		12	FL3/8"x9"	1'-1 5/8"	p120	A36
		6	FL3/4"x8 1/2"	0'-11 1/2"	p123	A36
		6	FL1/2"x8"	0'-6"	p124	A36
1	106C2	1	HSS8X8X3/8	21'-5 1/4"		SQ2 A500-GR.B
		2	L4X4X1/4	0'-10"	a103	A36
		1	PL1"x14"	1'-2"	p101	A36
		2	FL3/8"x4"	1'-0"	p104	A36
		2	FL3/8"x9"	1'-1 5/8"	p120	A36
		1	FL3/4"x8 1/2"	0'-11 1/2"	p123	A36
		1	FL1/2"x8"	0'-6"	p124	A36

0 For Fabrication 04/03/2023 R. K. ABS

A For Approval 02/06/2023 R. K. ABS

REV. DESCRIPTION DATE DWN CHK

**GENERAL NOTES**

MATERIAL: A36 ELECTRODES: E70XX REF. DRG. E102 - E112

HOLES: 13/16 DIA. UN CORNS: 3/4" Ø HIGH TENSILE SHOP

SURFACE PREP: SSSP-SP3 APPROVAL

AND PAINT: GREY PRIMER (U.N.O.)

DESCRIPTION: COLUMNS

PROJECT NAME Crooks & Big Beaver Retail Building A & B

LOCATION Big Beaver, Troy, Michigan

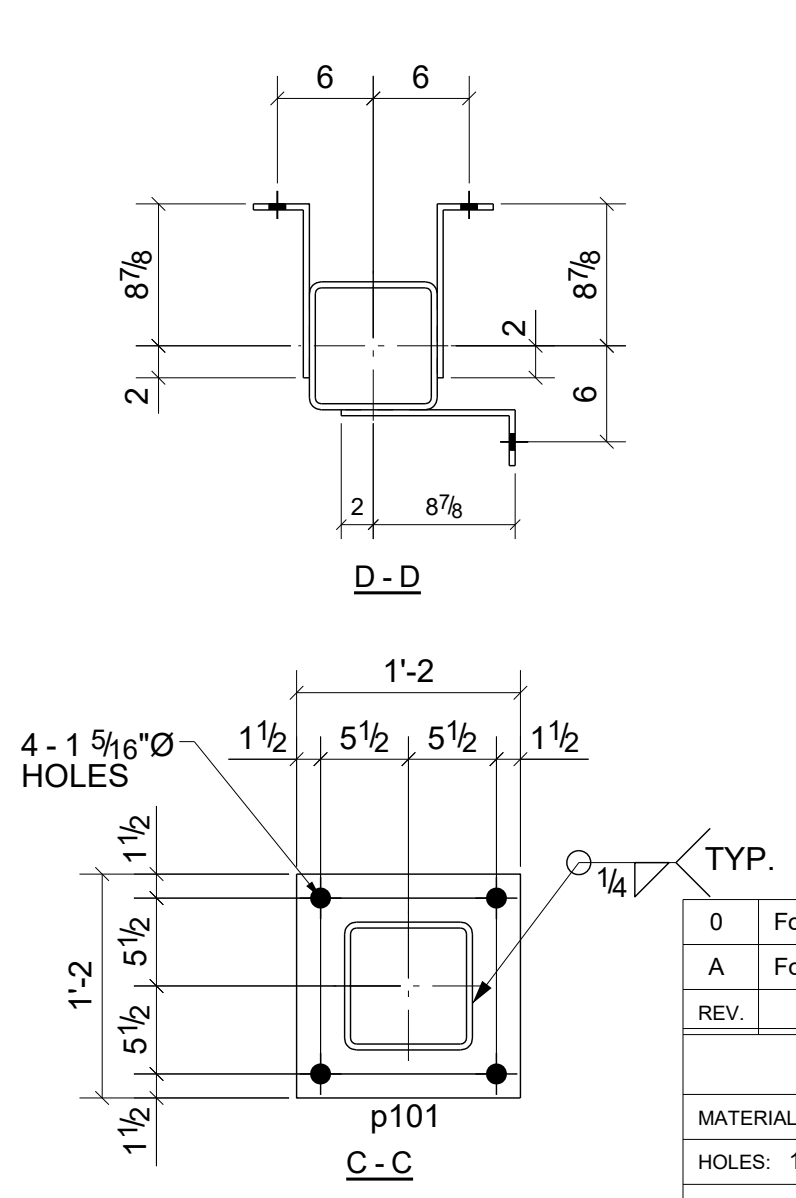
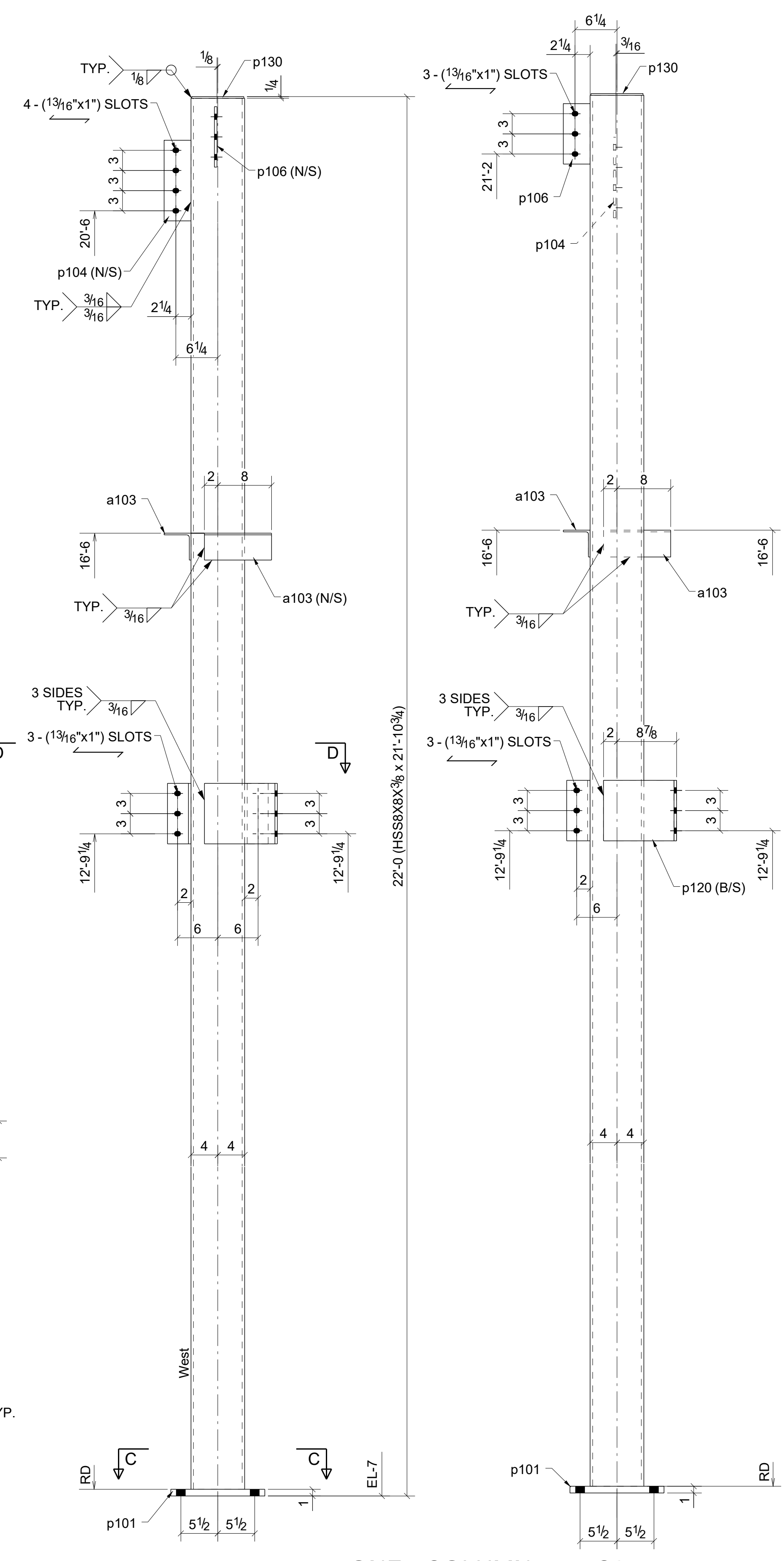
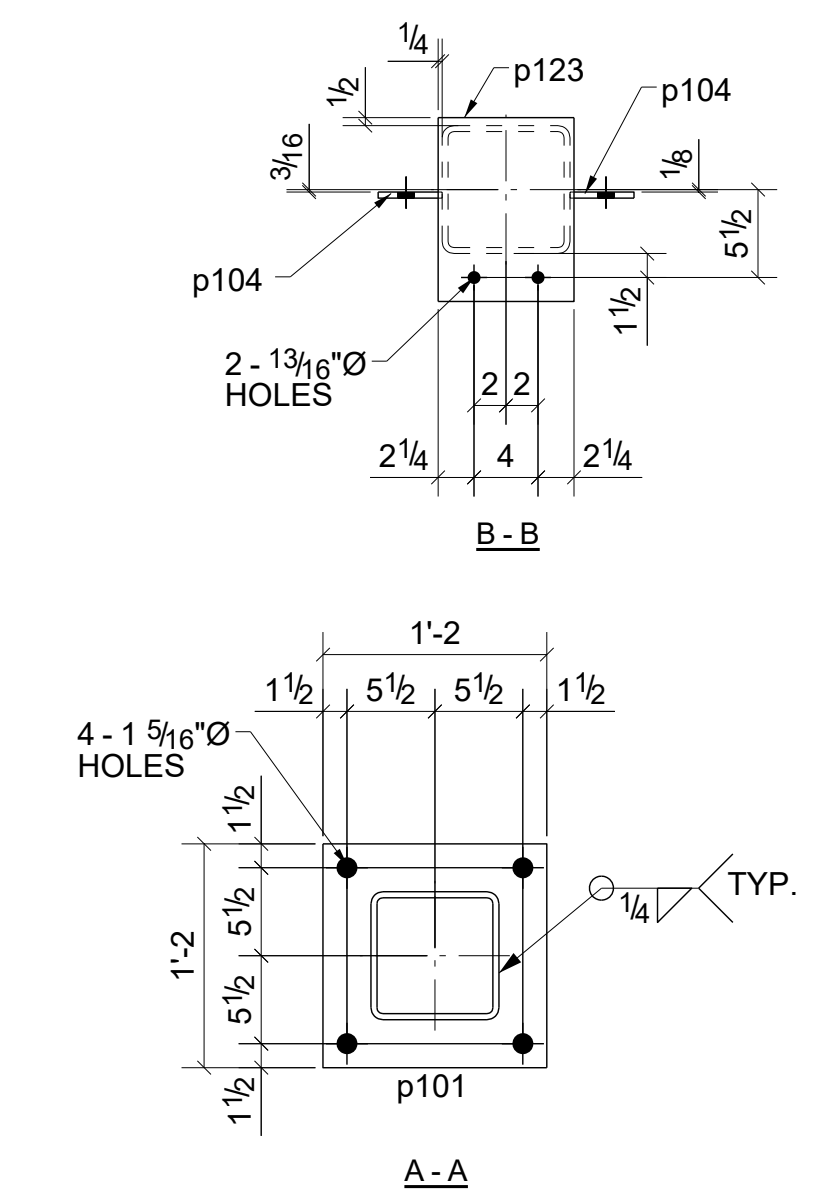
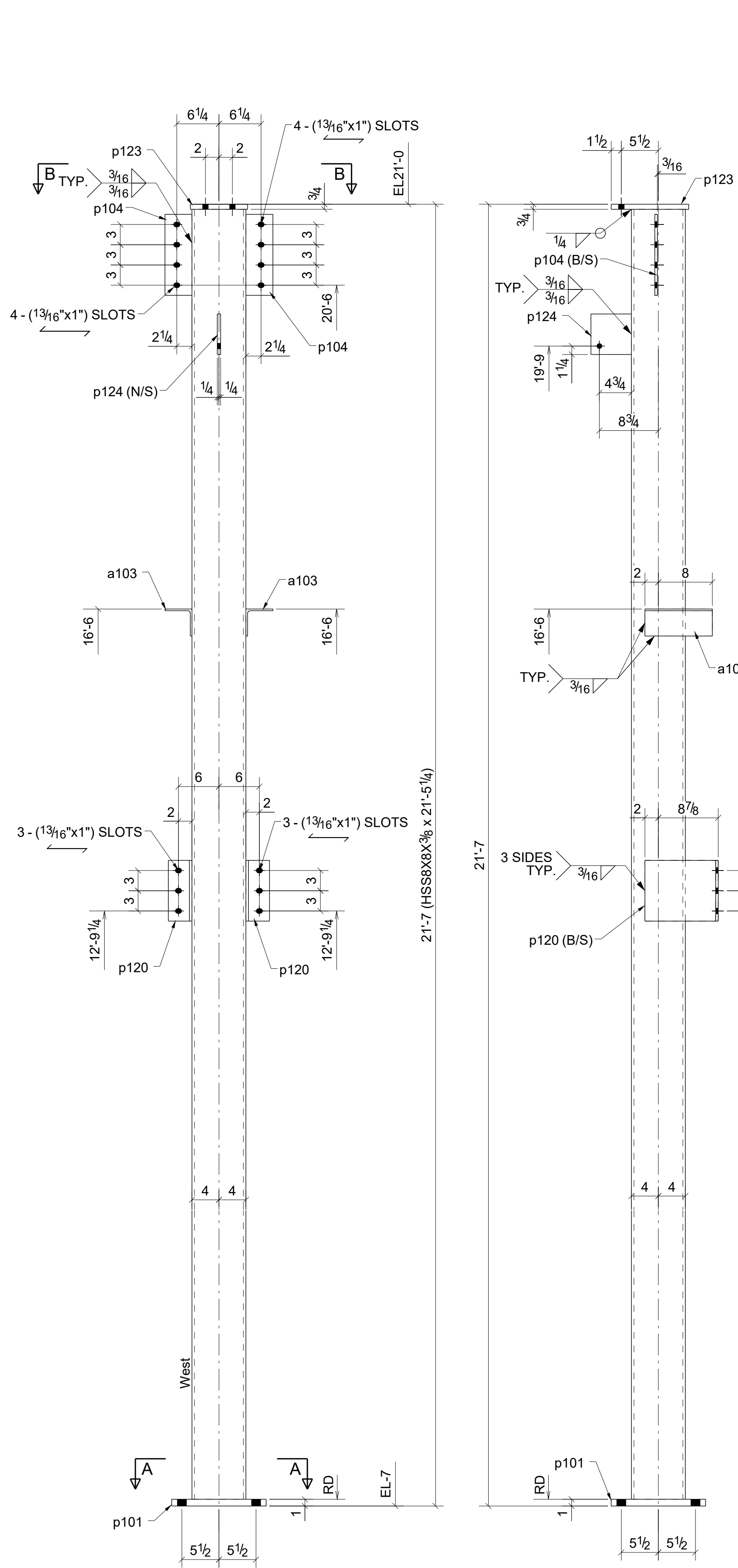
CONTRACTOR

DRAWN BY R. K. DATE 01/27/2023

CHKD. BY ABS DATE 02/02/2023

JOB No. 106 DRG. No. 106 REV. 0





BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 107C1	1	HSS8X8X3/8	21'-5 1/4"		SQ-2 A500-GR-B
	2	L4X4X1/4	0'-10"	a103	A36
	1	PL1"x14"	1'-2"	p101	A36
	2	FL3/8"x4"	1'-0"	p104	A36
	2	FL3/8"x9"	1'-1 5/8"	p120	A36
	1	FL3/4"x8 1/2"	0'-11 1/2"	p123	A36
	1	FL1/2"x8"	0'-6"	p124	A36
1 107C2	1	HSS8X8X3/8	21'-10 3/4"		SQ-2 A500-GR-B
	2	L4X4X1/4	0'-10"	a103	A36
	1	PL1"x14"	1'-2"	p101	A36
	1	FL3/8"x4"	1'-0"	p104	A36
	1	FL3/8"x9"	0'-9"	p106	A36
	3	FL3/8"x9"	1'-1 5/8"	p120	A36
	1	FL1/4"x7 3/4"	0'-7 3/4"	p130	A36

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

GENERAL NOTES

MATERIAL: A36  
ELECTRODES: E70XX  
REF. DRG. E102 - E112

HOLES: 13/16 DIA. UN  
CONNS: 3/4"Ø HIGH TENSILE

SURFACE PREP: SSPC-SP3  
AND PAINT: GREY PRIMER (U.N.O.)

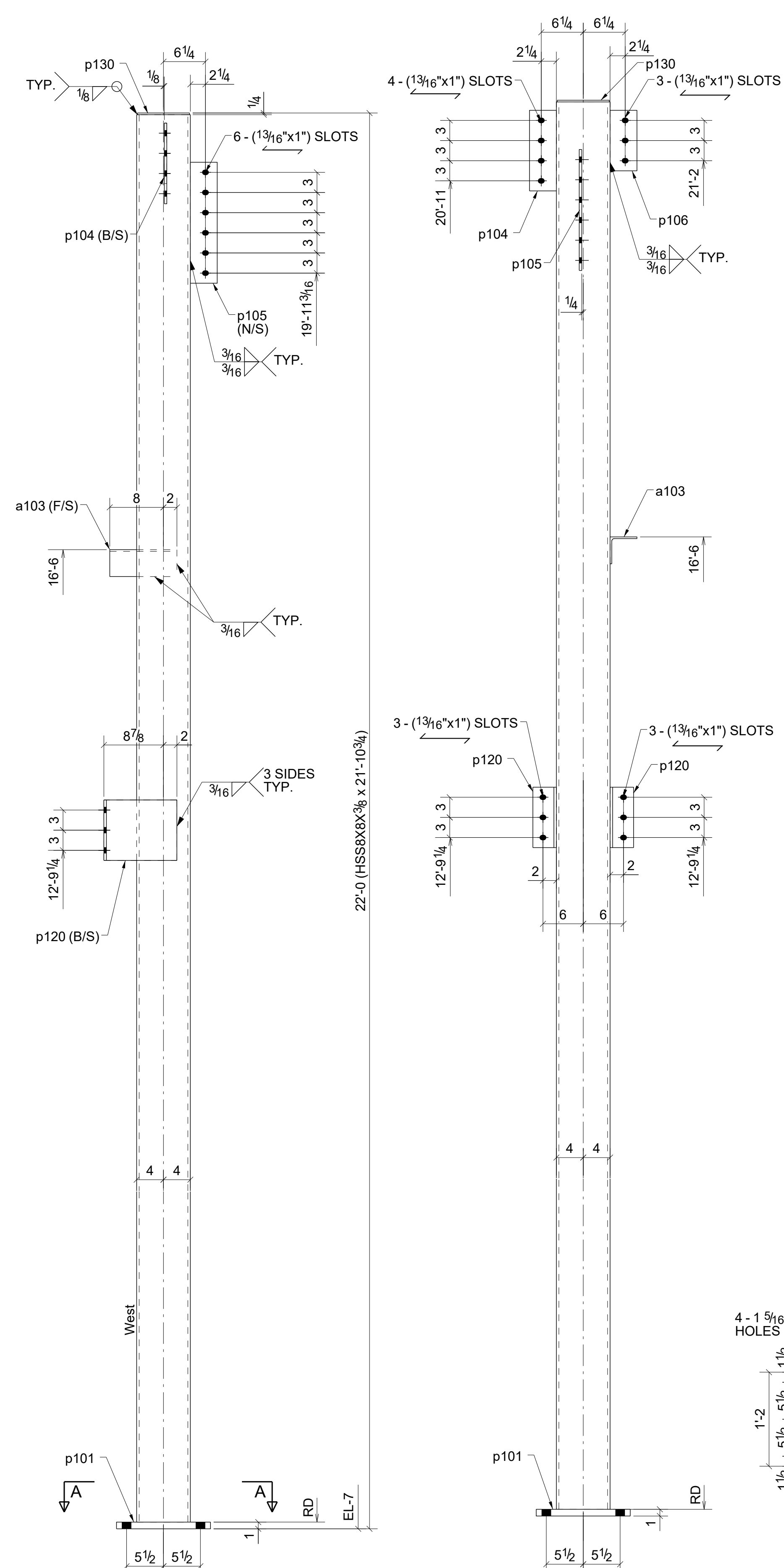
DESCRIPTION: COLUMNS  
PROJECT NAME: Crooks & Big Beaver Retail Building A & B  
LOCATION: Big Beaver, Troy, Michigan

CONTRACTOR: .....

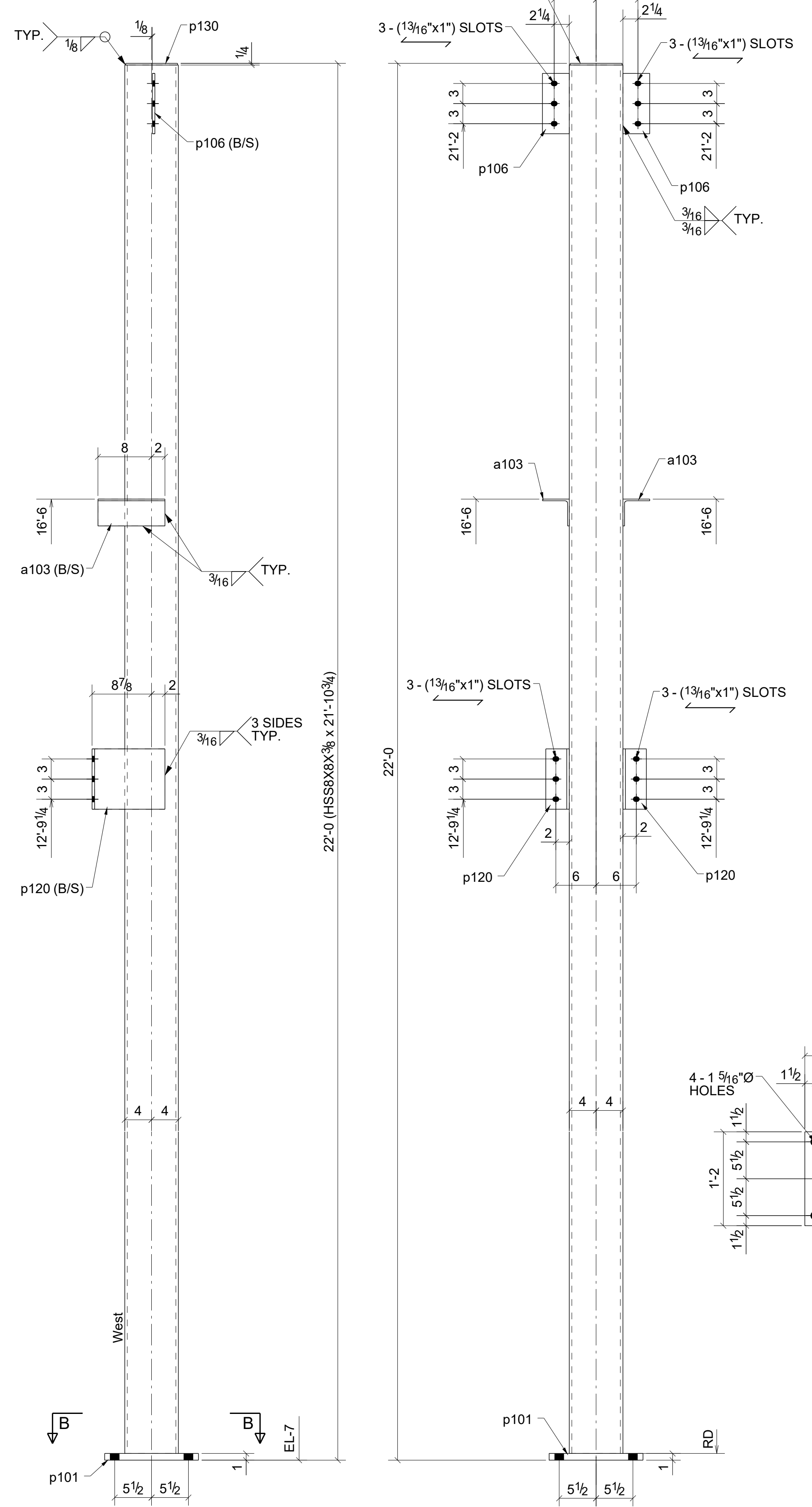
DRAWN BY: R. K. DATE: 01/27/2023  
CHKD. BY: ABS DATE: 02/02/2023  
JOB No. 107 DRG. No. 107 REV. 0

**BILL OF MATERIAL**

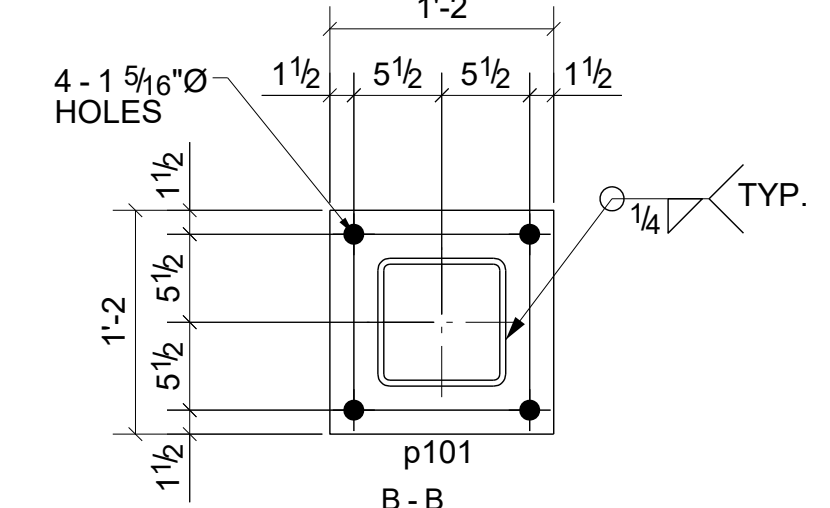
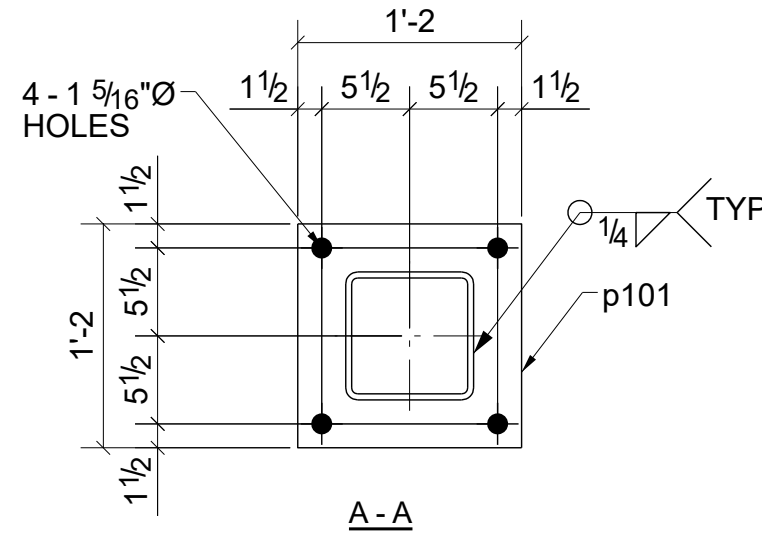
SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 108C1	1	HSS8X8X3/8	21'-10 3/4"		SQ-2 A500-GR.B
	1	L4X4X1/4	0'-10"	a103	A36
	1	PL1"x14"	1'-2"	p101	A36
	1	FL3/8"x4"	1'-0"	p104	A36
	1	FL3/8"x4"	1'-6"	p105	A36
	1	FL3/8"x4"	0'-9"	p106	A36
	2	FL3/8"x9"	1'-1 5/8"	p120	A36
1	FL1/4"x7 3/4"	0'-7 3/4"	p130	A36	
1 108C2	1	HSS8X8X3/8	21'-10 3/4"		SQ-2 A500-GR.B
	2	L4X4X1/4	0'-10"	a103	A36
	1	PL1"x14"	1'-2"	p101	A36
	2	FL3/8"x4"	0'-9"	p106	A36
	2	FL3/8"x9"	1'-1 5/8"	p120	A36
	1	FL1/4"x7 3/4"	0'-7 3/4"	p130	A36



**ONE - COLUMN - 108C1**



**ONE - COLUMN - 108C2**



0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK

**GENERAL NOTES**

MATERIAL: A36  
ELECTRODES: E70XX  
REF. DRG. E102 - E112

HOLES: 13/16 DIA. UN  
CONN'S: 3/4"Ø HIGH TENSILE

SURFACE PREP. AND PAINT:  
SSPC-SP3  
GREY PRIMER (U.N.O.)

DESCRIPTION: COLUMNS  
PROJECT NAME: Crooks & Big Beaver Retail Building A & B  
LOCATION: Big Beaver, Troy, Michigan

CONTRACTOR: .....

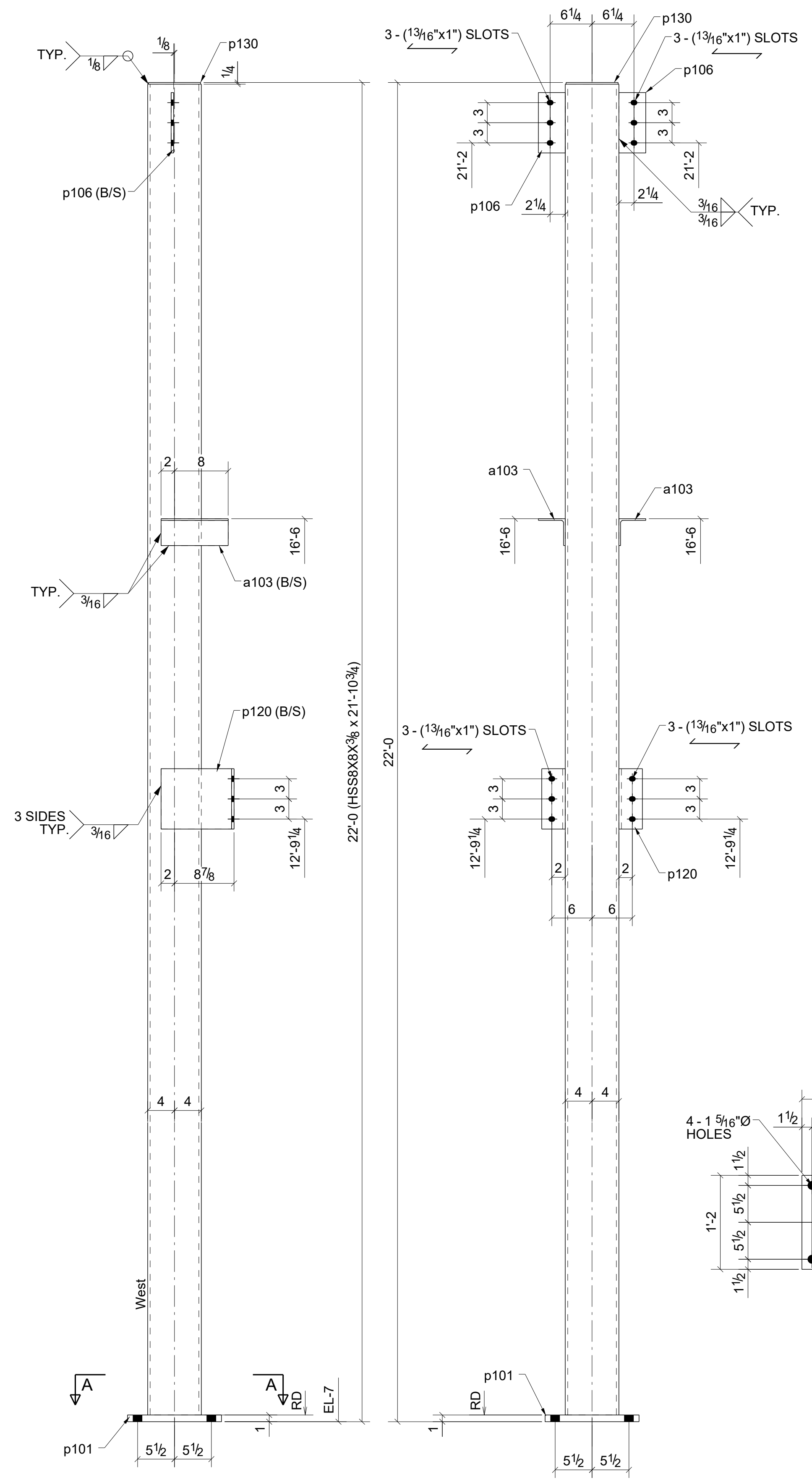
DRAWN BY: R. K.  
DATE: 01/27/2023

CHKD. BY: ABS  
DATE: 02/02/2023

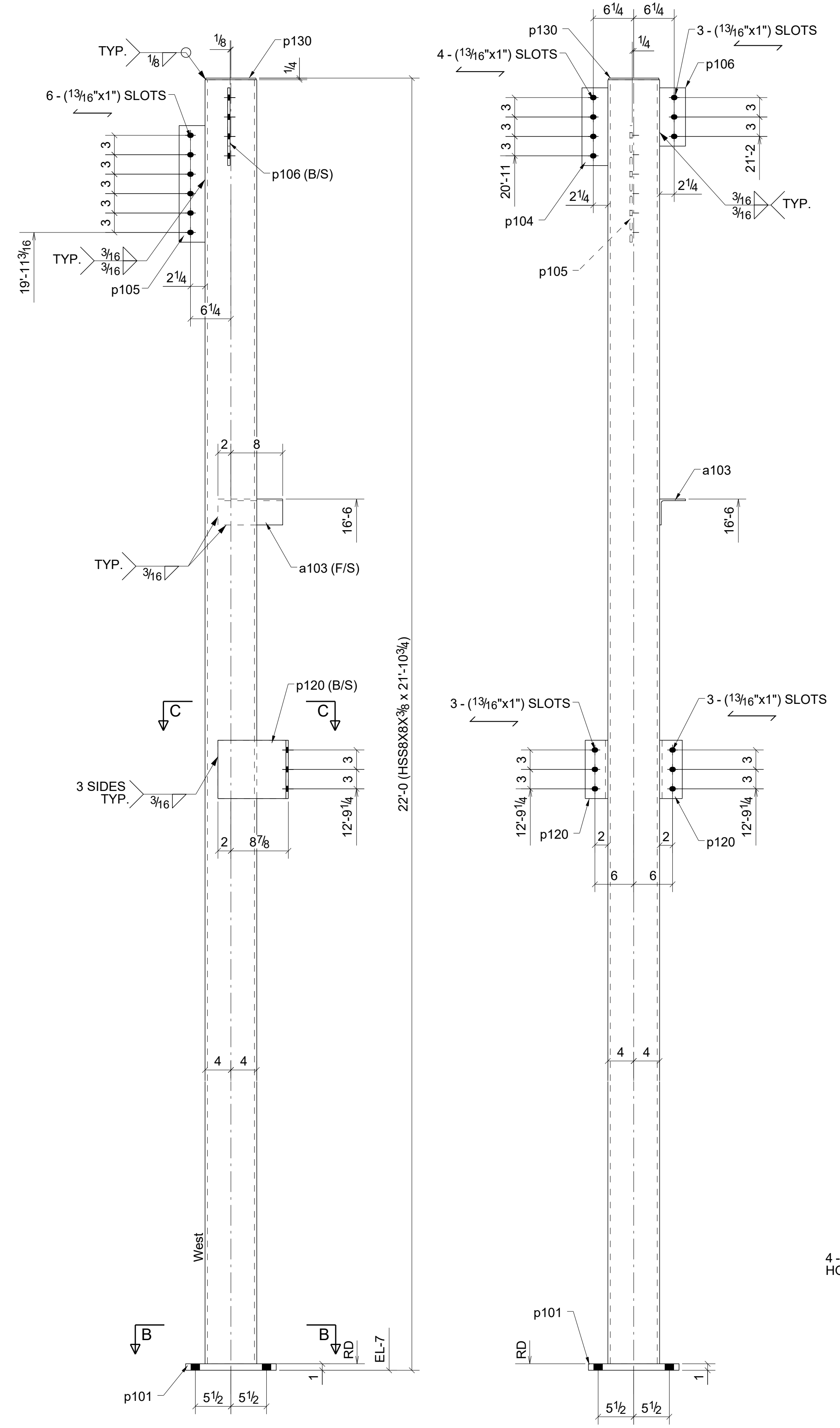
JOB No. 108  
DRG. No. 108  
REV. 0

**BILL OF MATERIAL**

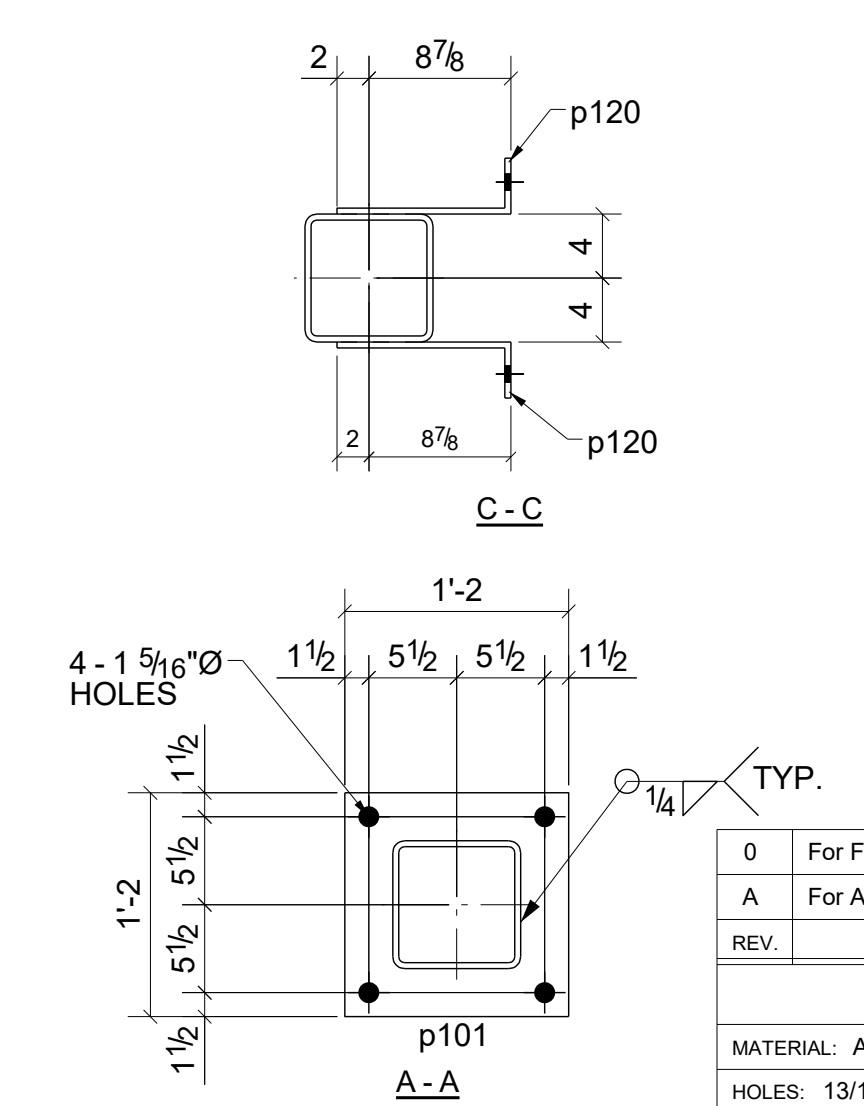
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	109C1	1	HSSB8X3/8	21'-10 3/4"		SQ-2 A500-GR.B
		2	L4X4X1/4	0'-10"	a103	A36
		1	PL1"x14"	1'-2"	p101	A36
		2	FL3/8"x4"	0'-9"	p106	A36
		2	FL3/8"x9"	1'-1 5/8"	p120	A36
		1	FL1/4"x7 3/4"	0'-7 3/4"	p130	A36
1	109C2	1	HSSB8X3/8	21'-10 3/4"		SQ-2 A500-GR.B
		1	L4X4X1/4	0'-10"	a103	A36
		1	PL1"x14"	1'-2"	p101	A36
		1	FL3/8"x4"	1'-0"	p104	A36
		1	FL3/8"x4"	1'-6"	p105	A36
		1	FL3/8"x4"	0'-9"	p106	A36
		2	FL3/8"x9"	1'-1 5/8"	p120	A36
		1	FL1/4"x7 3/4"	0'-7 3/4"	p130	A36



ONE - COLUMN - 109C1



ONE - COLUMN - 109C2



0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK

**GENERAL NOTES**

MATERIAL: A36  
ELECTRODES: E70XX  
REF. DRG. E102 - E112

HOLES: 13/16 DIA. UN  
CONN'S: 3/4"Ø HIGH TENSILE

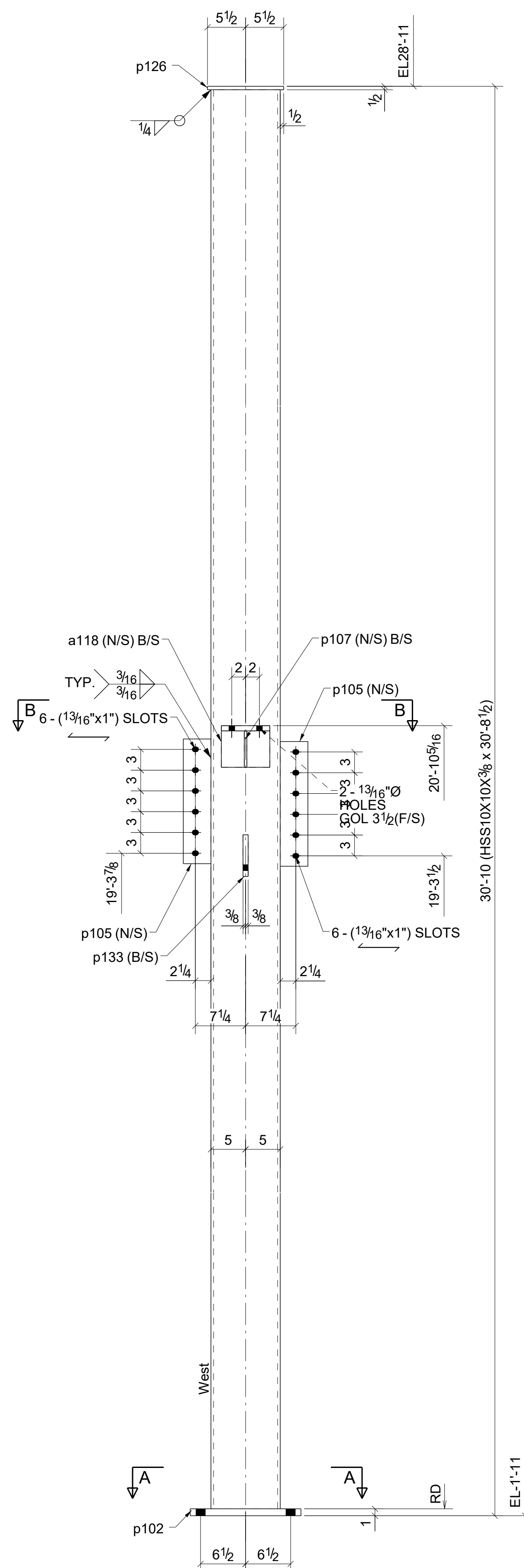
SURFACE PREP. AND PAINT:  
SSPC-SP3  
GREY PRIMER (U.N.O.)

DESCRIPTION: COLUMNS  
PROJECT NAME: Crooks & Big Beaver Retail Building A & B  
LOCATION: Big Beaver, Troy, Michigan  
CONTRACTOR:

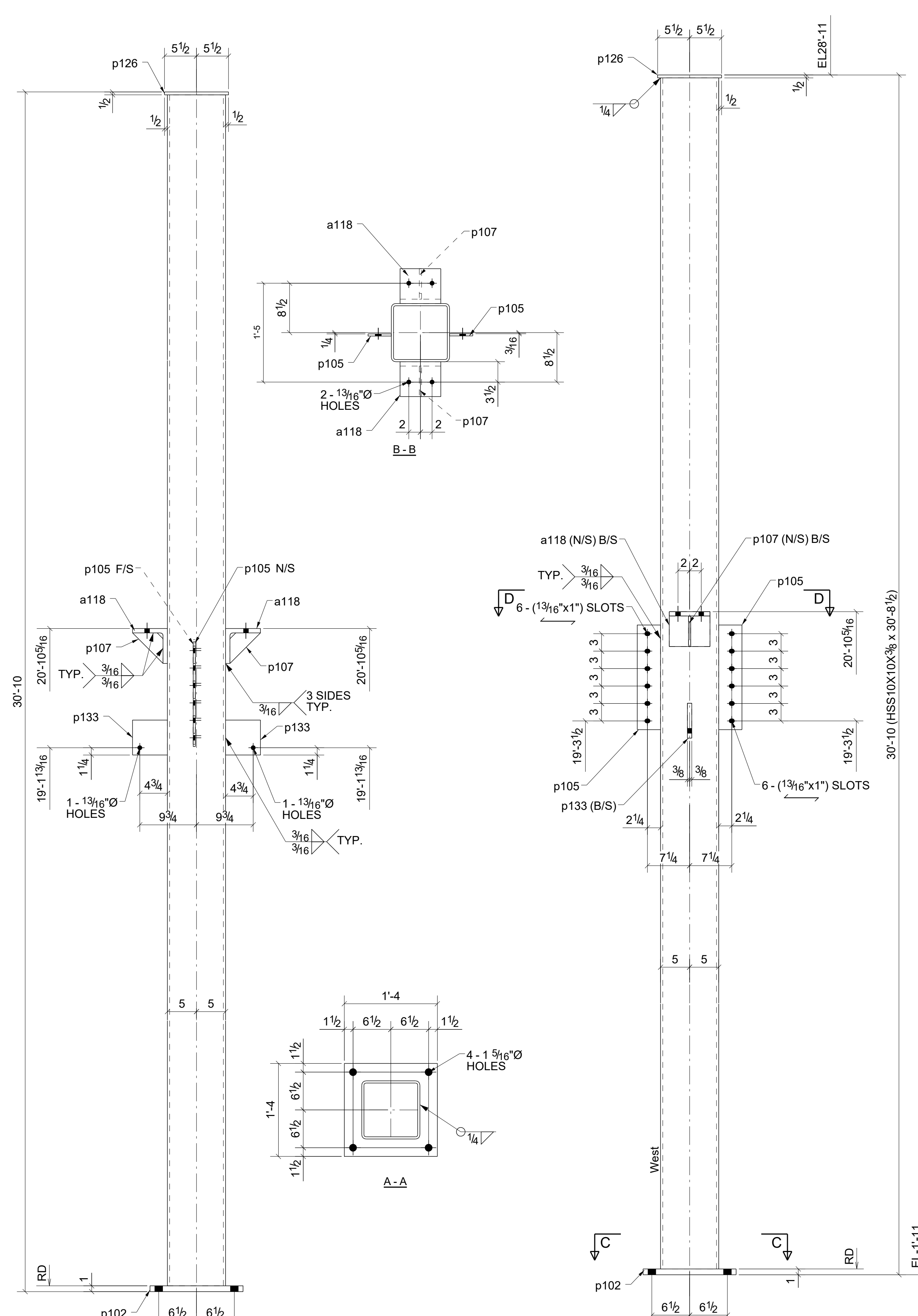
DRAWN BY R. K.	DATE 01/27/2023
CHKD. BY ABS	DATE 02/02/2023
JOB No. 109	DRG. No. 0

**BILL OF MATERIAL**

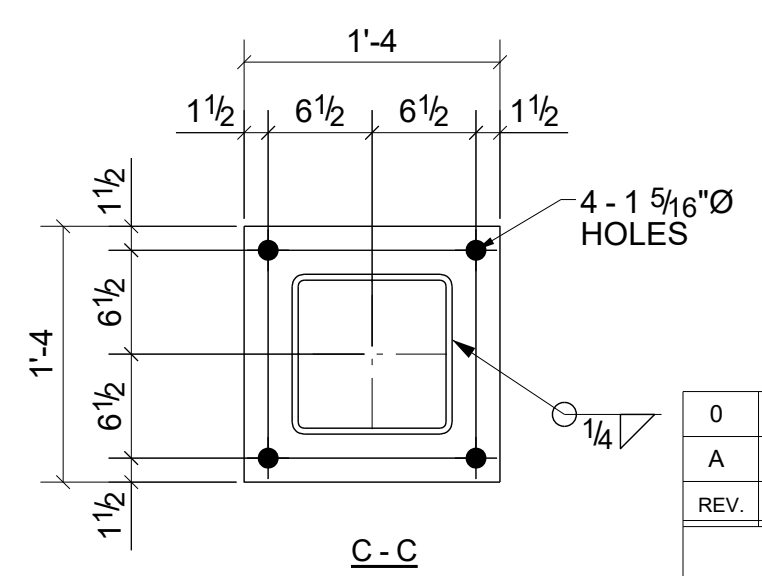
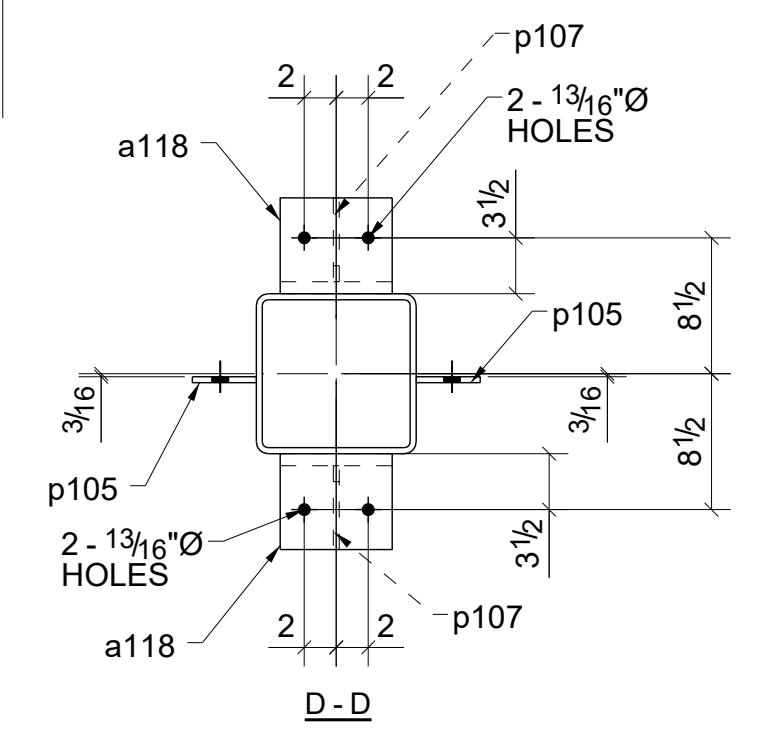
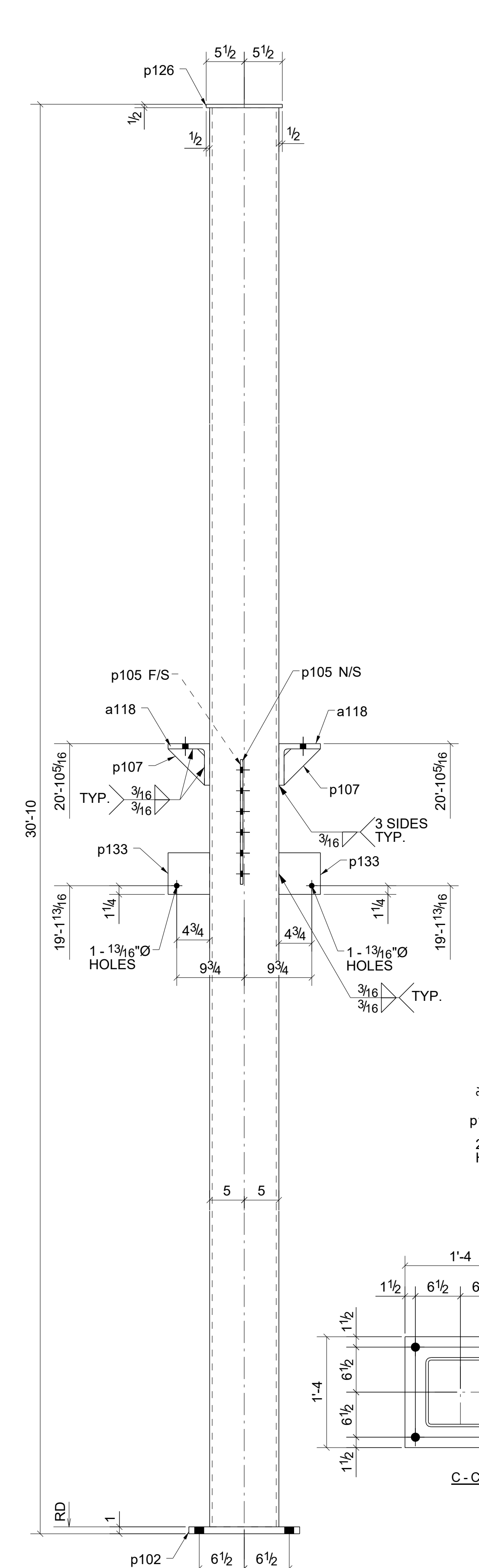
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	110C1	1	HSS10X10X3/8	30'-8 1/2"		SQ2 A500-GR.B
		2	L6X6X3/4	0'-7"	a118	A36
		1	PL1"x16"	1'-4"	p102	A36
		2	FL3/8"x4"	1'-6"	p105	A36
		2	FL3/8"x5 1/4"	0'-5 1/4"	p107	A36
		1	FL1/2"x11"	0'-11"	p126	A36
2	FL3/4"x8"	0'-6"	p133	A36		
2	110C2	2	HSS10X10X3/8	30'-8 1/2"		SQ2 A500-GR.B
		4	L6X6X3/4	0'-7"	a118	A36
		2	PL1"x16"	1'-4"	p102	A36
		4	FL3/8"x4"	1'-6"	p105	A36
		4	FL3/8"x5 1/4"	0'-5 1/4"	p107	A36
		2	FL1/2"x11"	0'-11"	p126	A36
4	FL3/4"x8"	0'-6"	p133	A36		



**ONE - COLUMN - 110C1**



**2 - COLUMNS - 110C2**



0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK

**GENERAL NOTES**

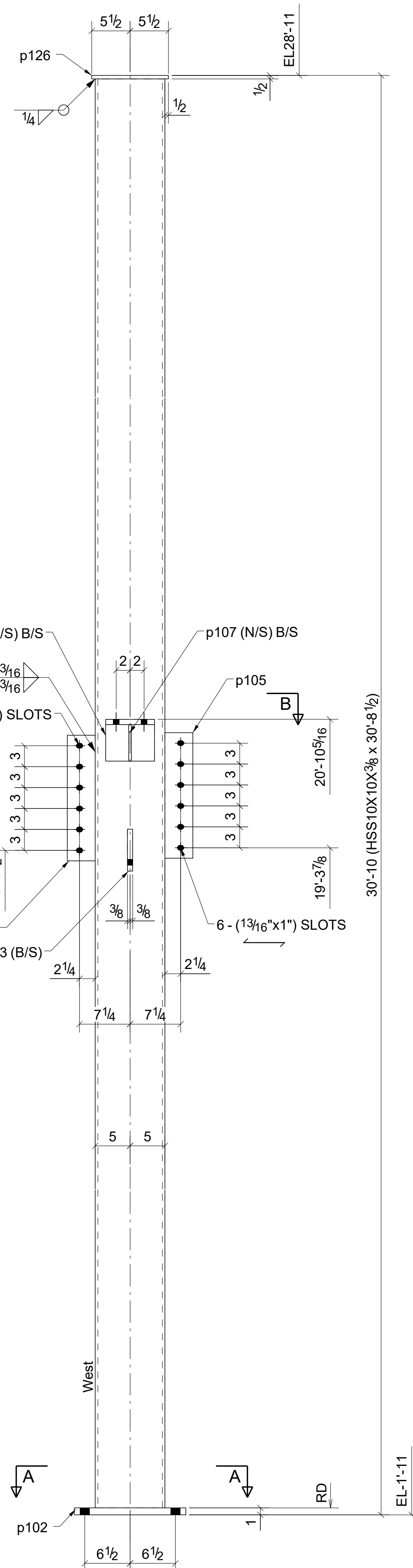
MATERIAL: A36  
ELECTRODES: E70XX  
HOLES: 13/16 DIA. UN  
CONNS: 3/4"Ø HIGH TENSILE

REF. DRG. **E102 - E112**

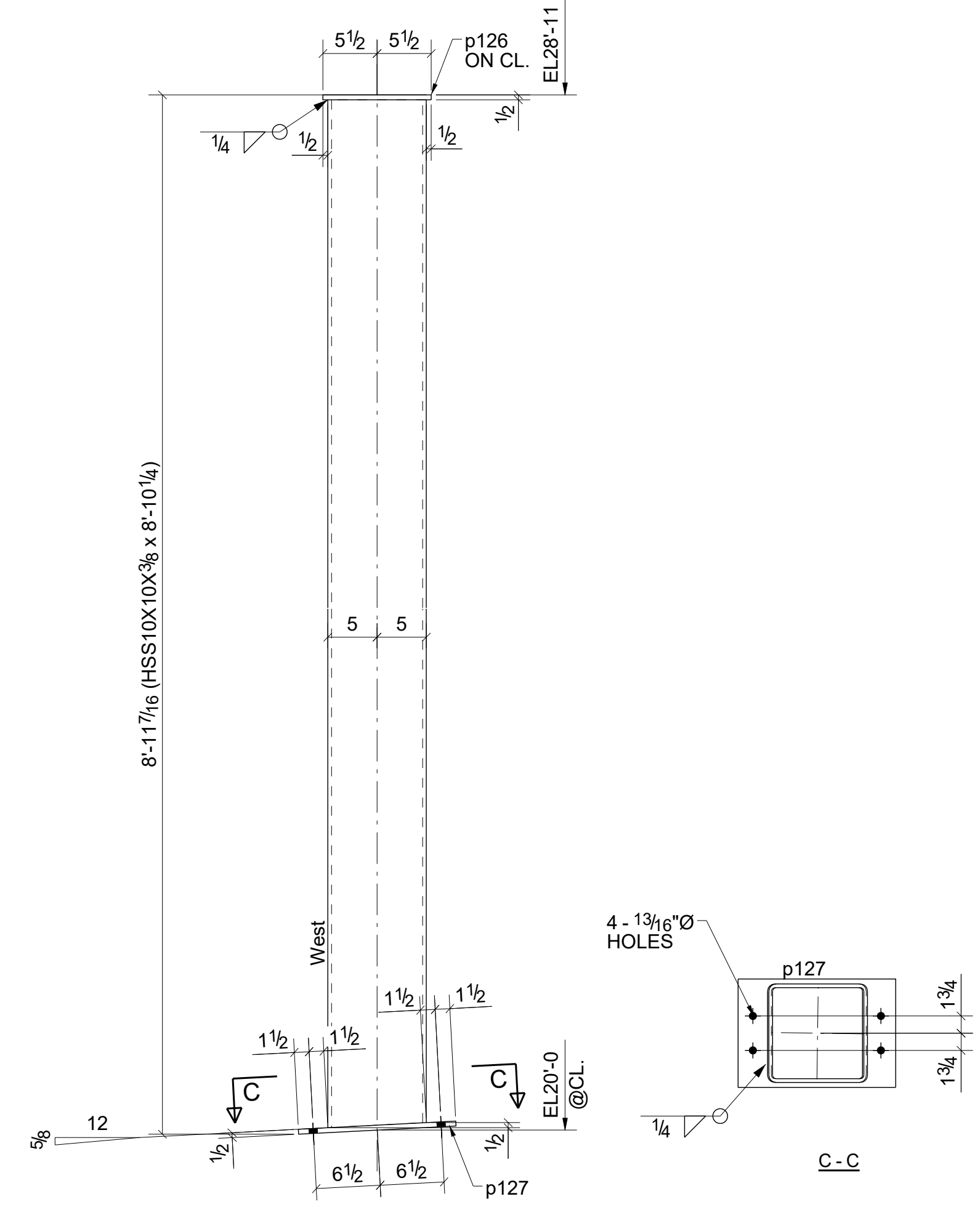
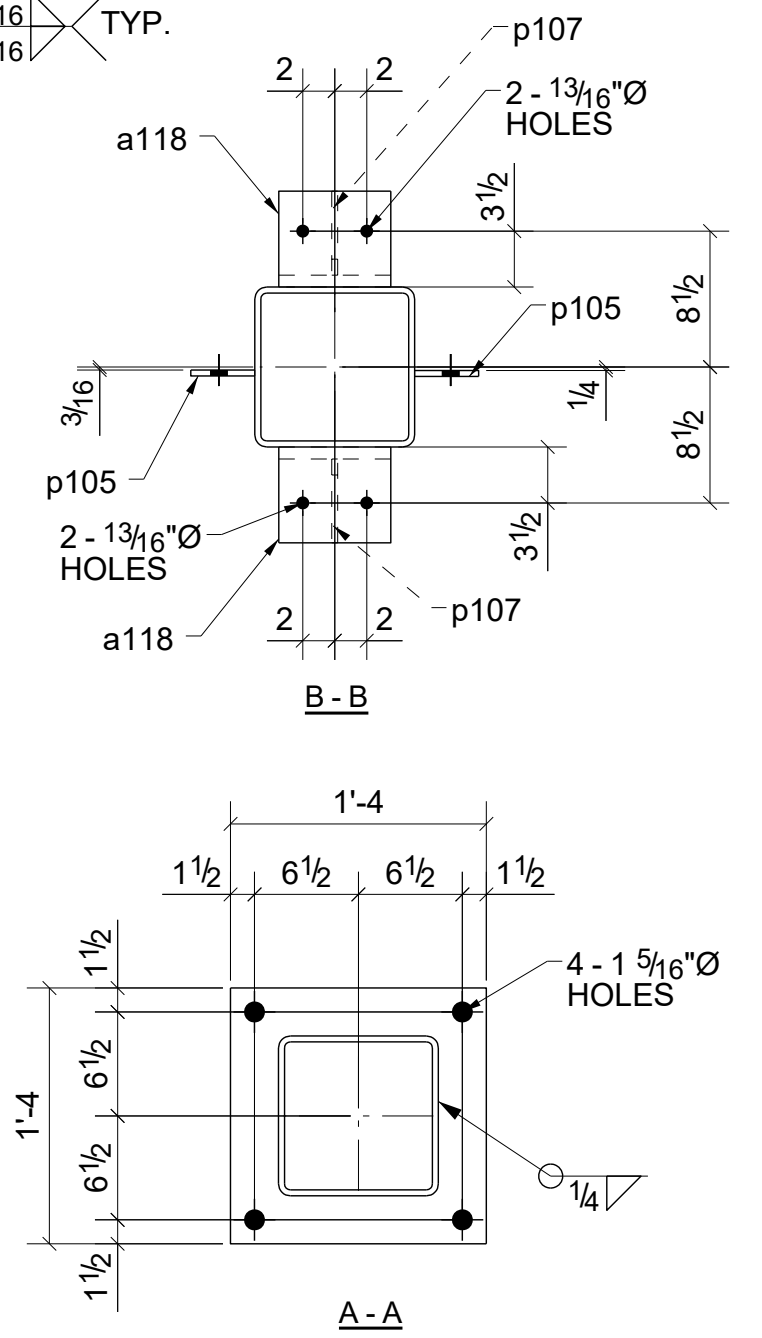
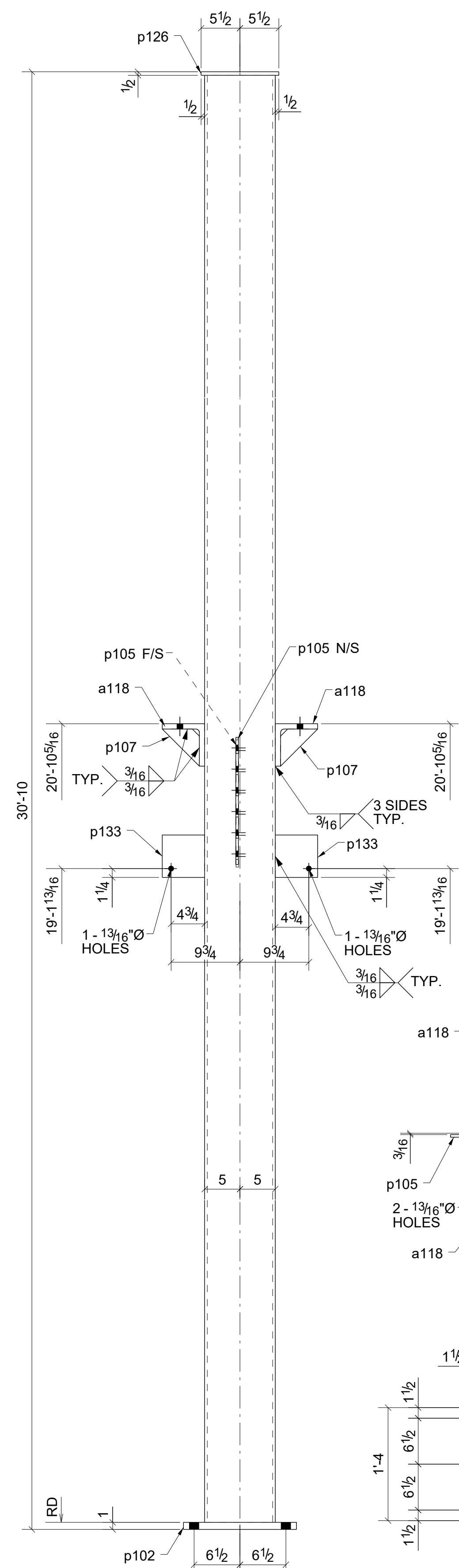
SURFACE PREP. AND PAINT:  
SSPC-SP3  
GREY PRIMER (U.N.O.)

DESCRIPTION: COLUMNS  
PROJECT NAME: Crooks & Big Beaver Retail Building A & B  
LOCATION: Big Beaver, Troy, Michigan  
CONTRACTOR:

DRAWN BY R. K.	DATE 01/27/2023
CHKD. BY ABS	DATE 02/02/2023
JOB No.	DRG. No. 110
	REV. 0



ONE - COLUMN - 111C1

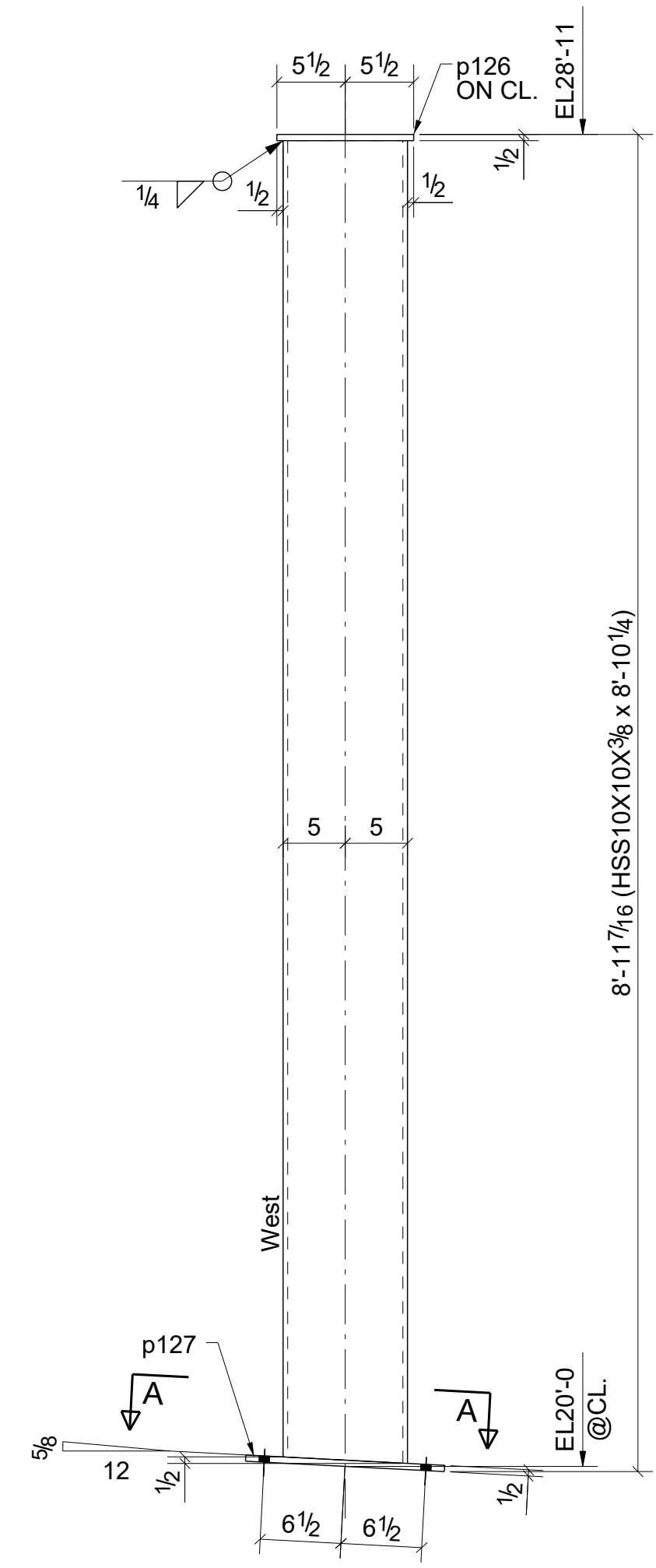


ONE - COLUMN - 111C2

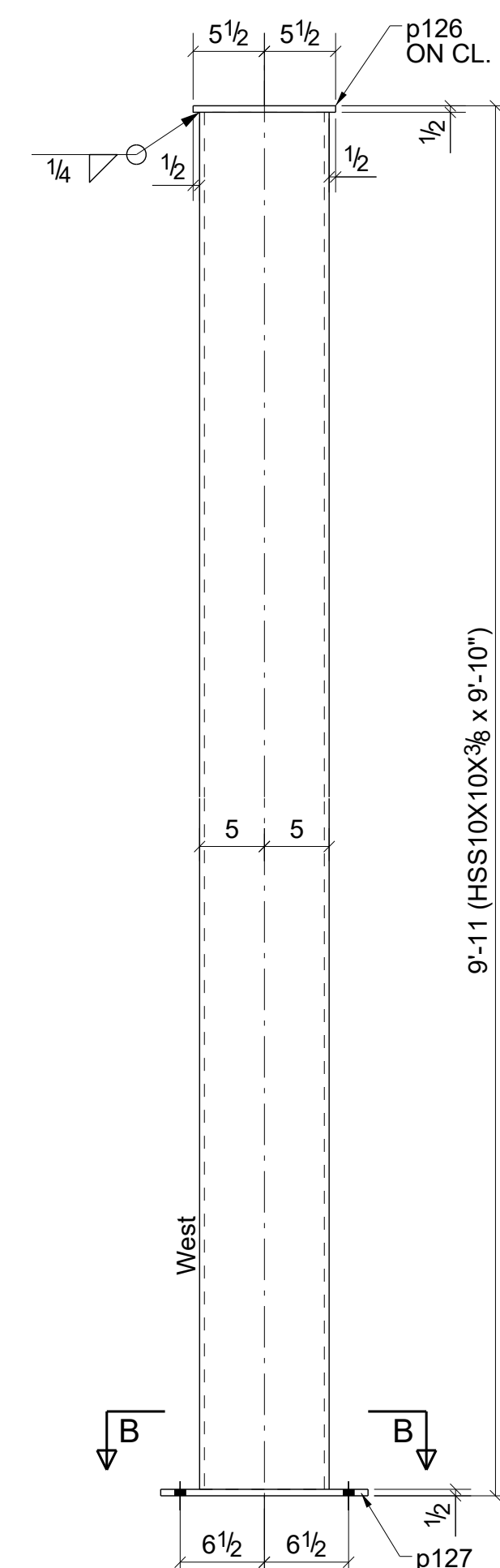
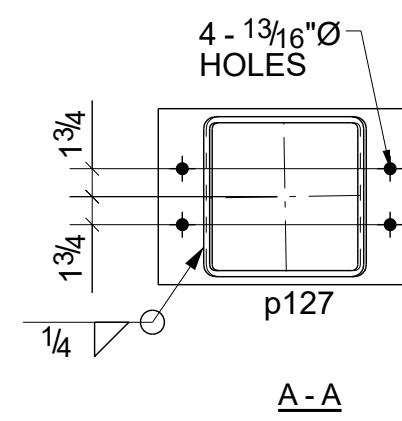
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	111C1	1	HSS10X10X3/8	30'-8 1/2"		SQ2 A500-GR.B
		2	L6X6X3/4	0'-7"	a118	A36
		1	PL1"x16"	1'-4"	p102	A36
		2	FL3/8"x4"	1'-6"	p105	A36
		2	FL3/8"x5 1/4"	0'-5 1/4"	p107	A36
		1	FL1/2"x11"	0'-11"	p126	A36
		2	FL3/4"x8"	0'-6"	p133	A36
1	111C2	1	HSS10X10X3/8	8'-10 1/4"		SQ-1BEV-1 A500-GR.B
		1	FL1/2"x11"	0'-11"	p126	A36
		1	FL1/2"x11"	1'-4"	p127	A36

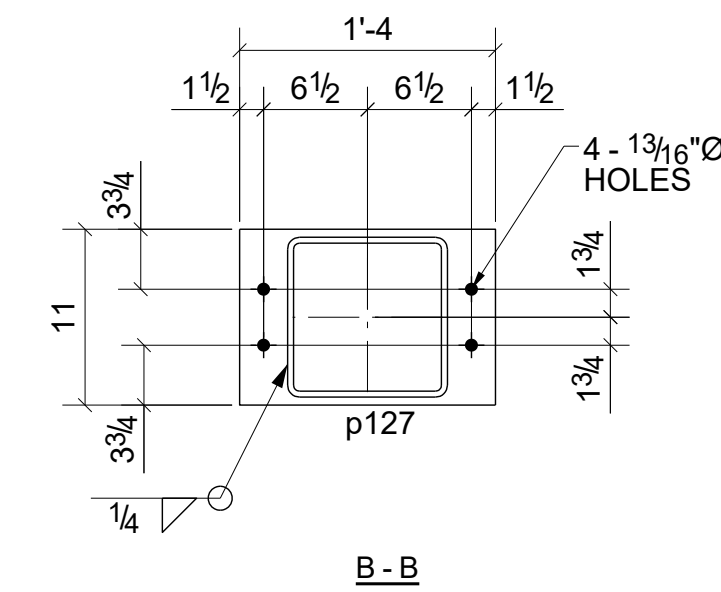
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	JOB USE	
HOLES: 13/16 DIA. UN	CONNVS: 3/4"Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP	
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)			APPROVAL	
DESCRIPTION: COLUMNS				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.			DATE 01/27/2023	
CHKD. BY ABS			DATE 02/02/2023	
JOB No.			DRG. No. 111	
			REV. 0	



ONE - COLUMN - 112C1



3 - COLUMNS - 112C2



BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	112C1	1	HSS10X10X3/8	8'-10 1/4"	SQ-1BEV-1 A500-GR.B
		1	FL1/2\"X11"	0'-11"	p126 A36
		1	FL1/2\"X11"	1'-4"	p127 A36
3	112C2	3	HSS10X10X3/8	9'-10"	SQ-2 A500-GR.B
		3	FL1/2\"X11"	0'-11"	p126 A36
		3	FL1/2\"X11"	1'-4"	p127 A36

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

GENERAL NOTES			JOB USE
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	
HOLES: 13/16 DIA. U/N	CONN'S: 3/4\"/>		

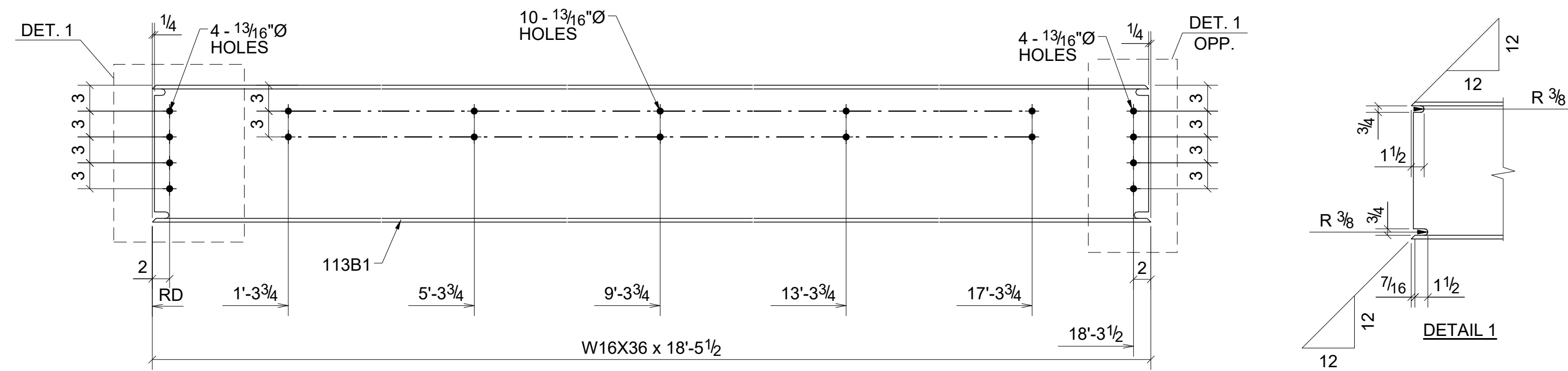
  

DESCRIPTION:	PROJECT NAME	LOCATION	CONTRACTOR
COLUMNS	Crooks & Big Beaver Retail Building A & B	Big Beaver, Troy, Michigan	

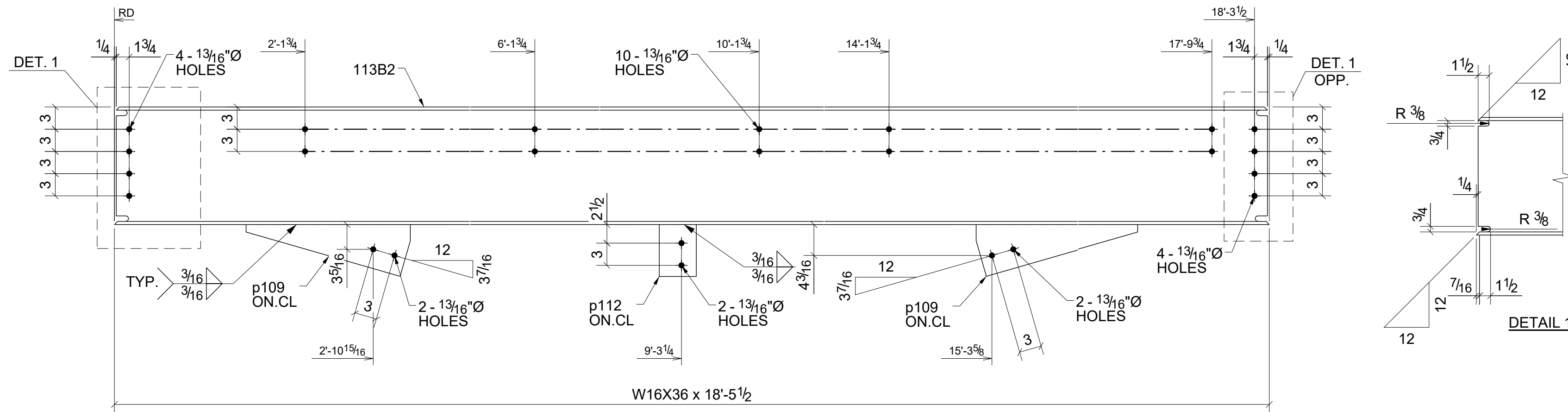
  

DRAWN BY	DATE
R. K.	01/27/2023
CHKD. BY	DATE
ABS	02/02/2023
JOB No.	DRG. No.
	112
REV.	REV.
	0

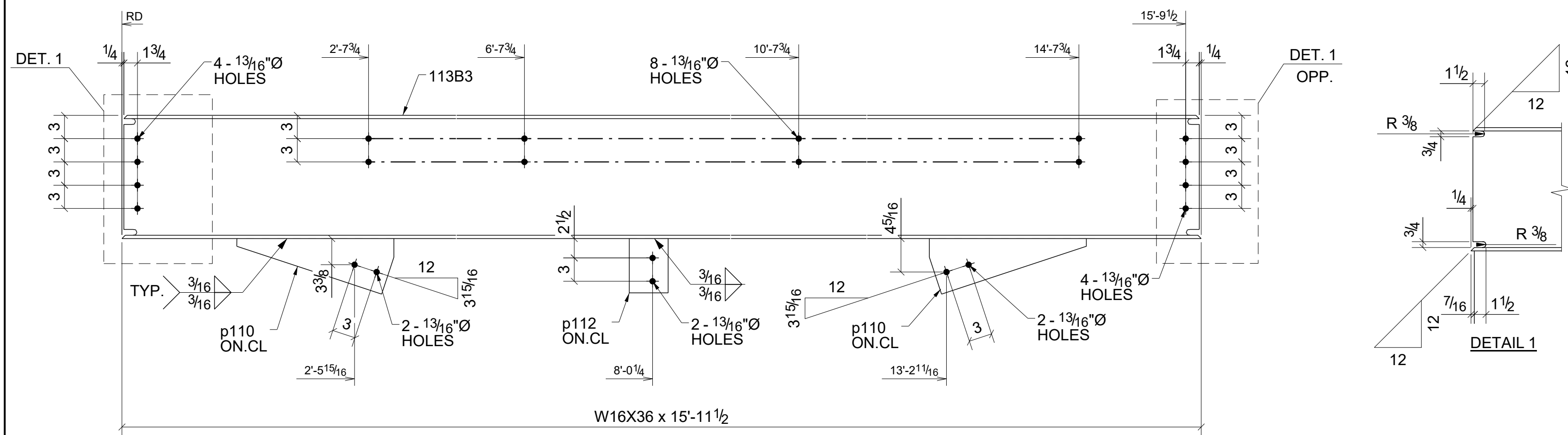




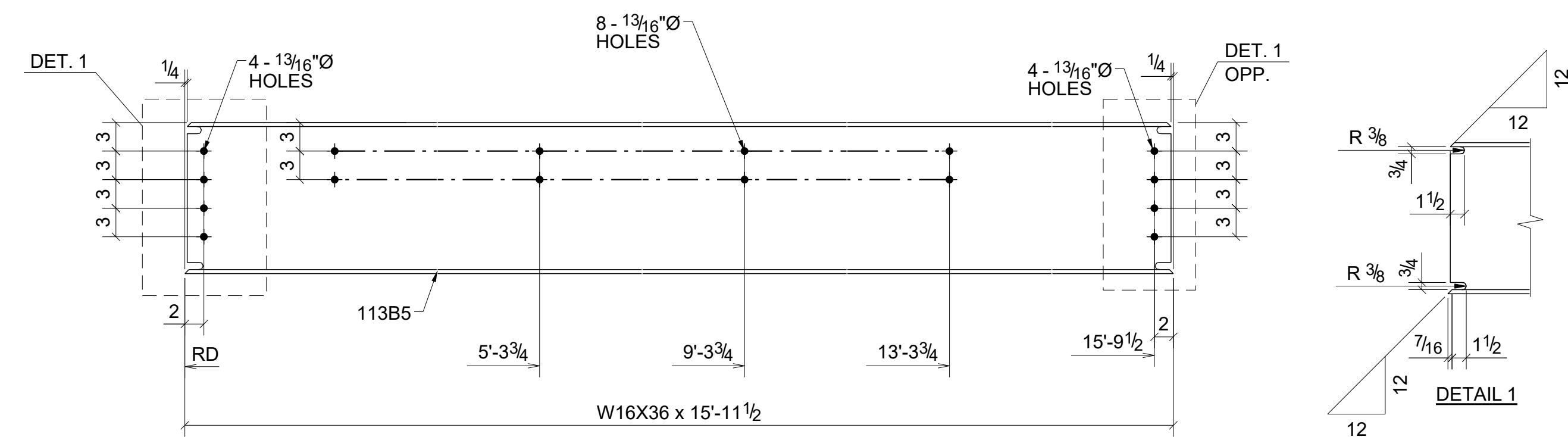
2 - BEAMS - 113B1



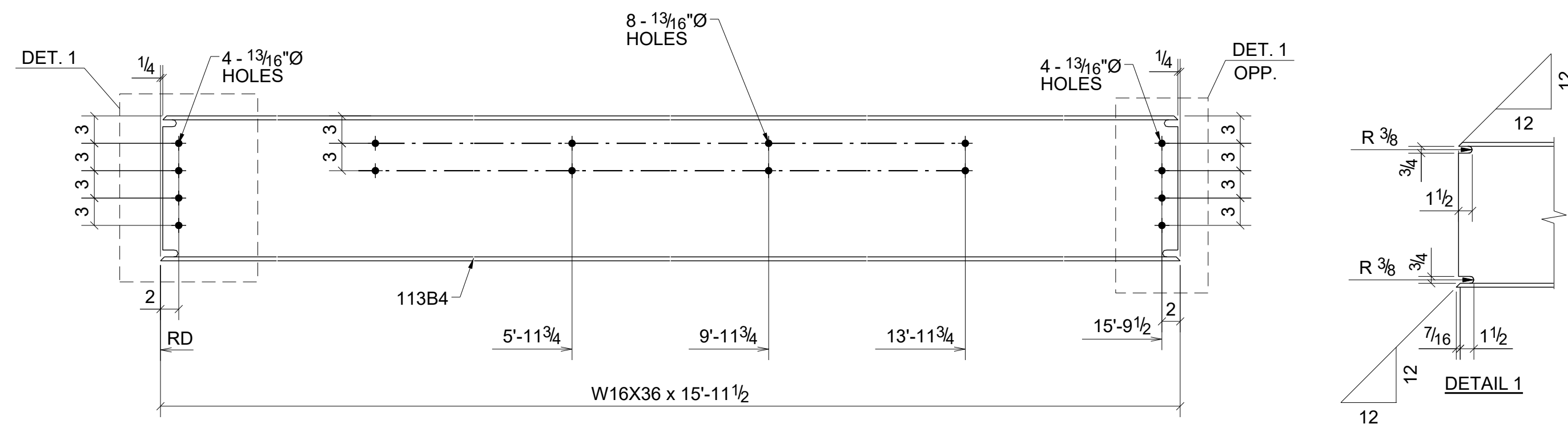
2 - BEAMS - 113B2



4 - BEAMS - 113B3



ONE - BEAM - 113B5



2 - BEAMS - 113B4

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	113B1	2	W16X36	18'-5 1/2"		SO-2 A992
2	113B2	2	W16X36	18'-5 1/2"		SO-2 A992
		4	PL3/8"X7"	1'-10 3/16"	p109	A36
		2	FL3/8"X5"	0'-7"	p112	A36
4	113B3	4	W16X36	15'-11 1/2"		SO-2 A992
		8	PL3/8"X7 1/8"	1'-8 3/16"	p110	A36
		4	FL3/8"X5"	0'-7"	p112	A36
2	113B4	2	W16X36	15'-11 1/2"		SO-2 A992
1	113B5	1	W16X36	15'-11 1/2"		SO-2 A992

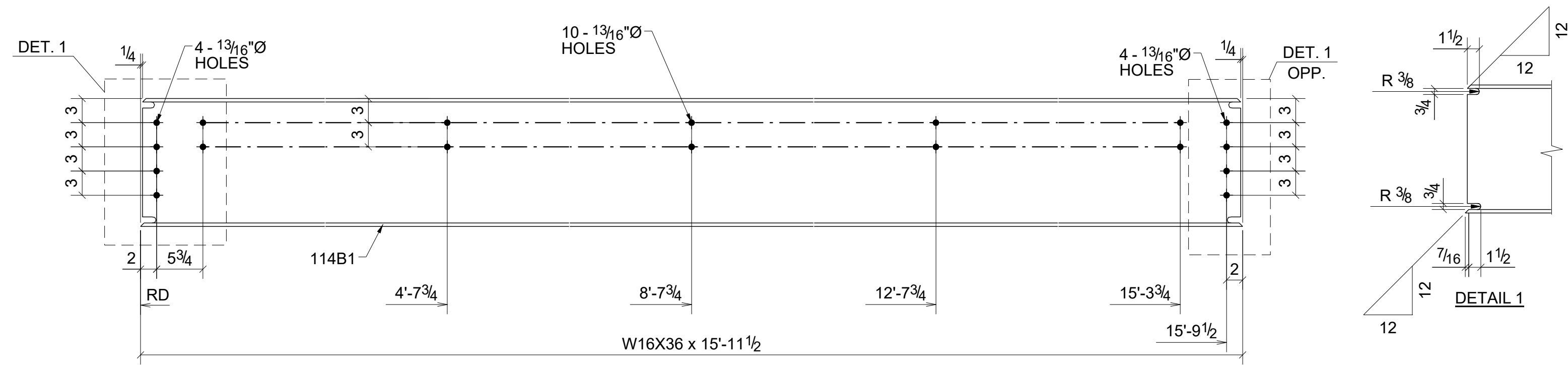
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK

GENERAL NOTES

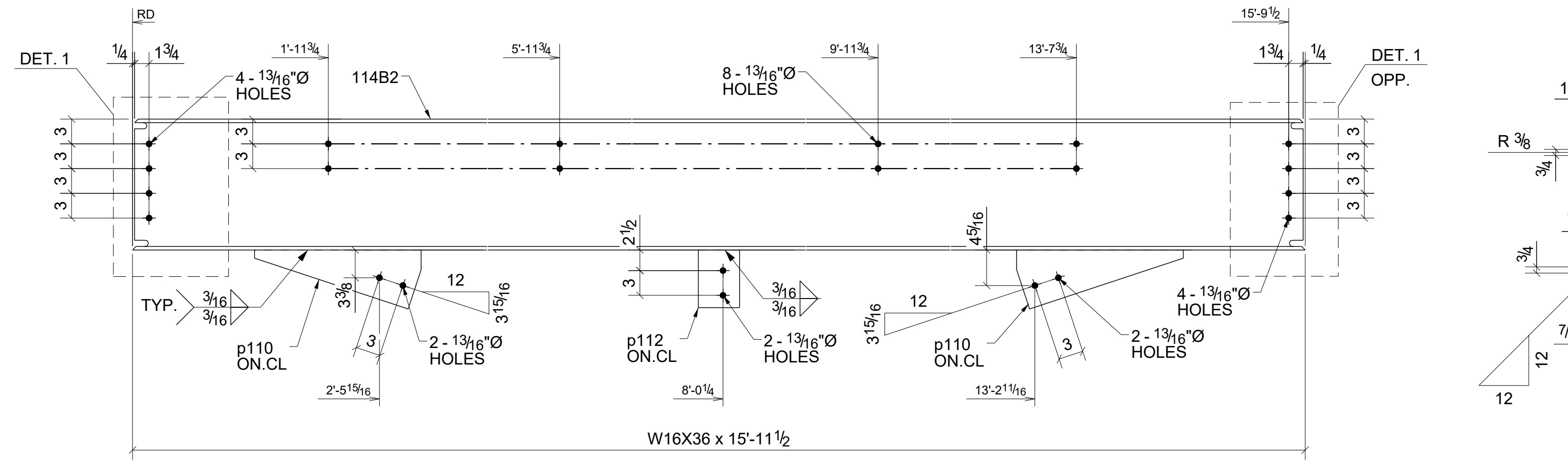
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	JOB USE
HOLES: 13/16 DIA. UN	CONNS: 3/4"Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)			APPROVAL

DESCRIPTION: BEAMS  
 PROJECT NAME Crooks & Big Beaver Retail Building A & B  
 LOCATION Big Beaver, Troy, Michigan  
 CONTRACTOR

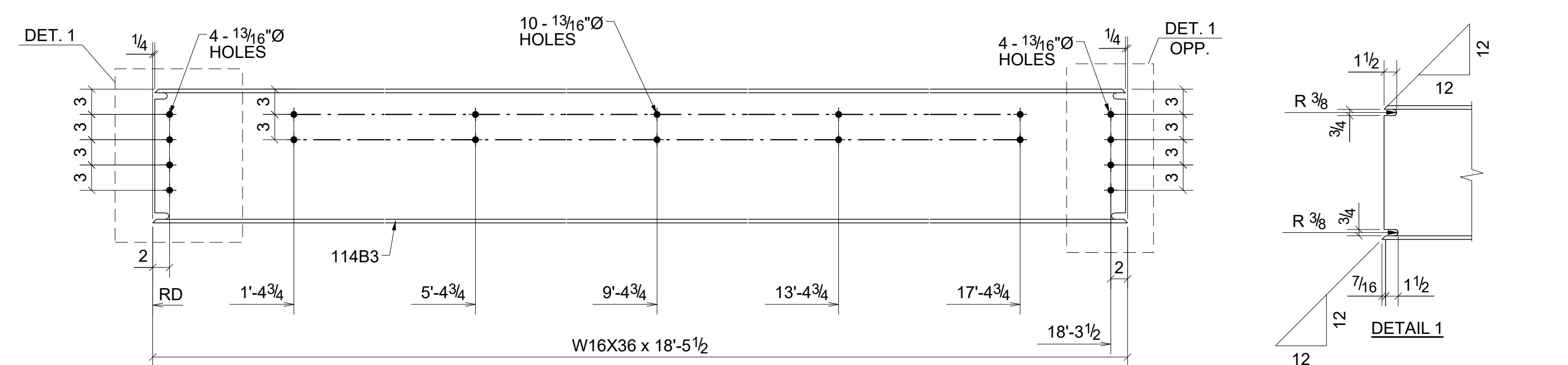
DRAWN BY R. K.	DATE 01/27/2023
CHKD. BY ABS	DATE 02/02/2023
JOB No.	DRG. No. 113
	REV. 0



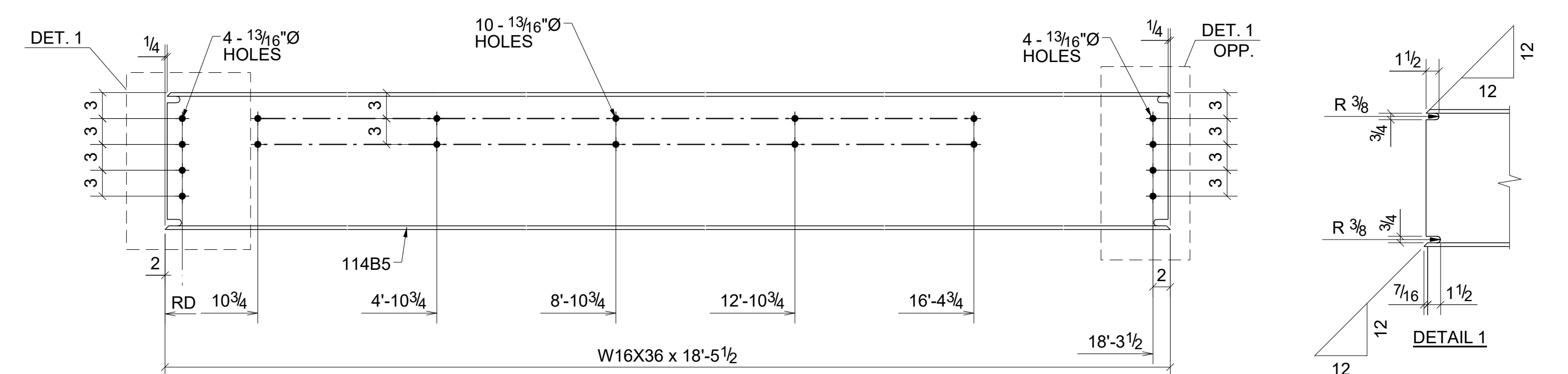
ONE - BEAM - 114B1



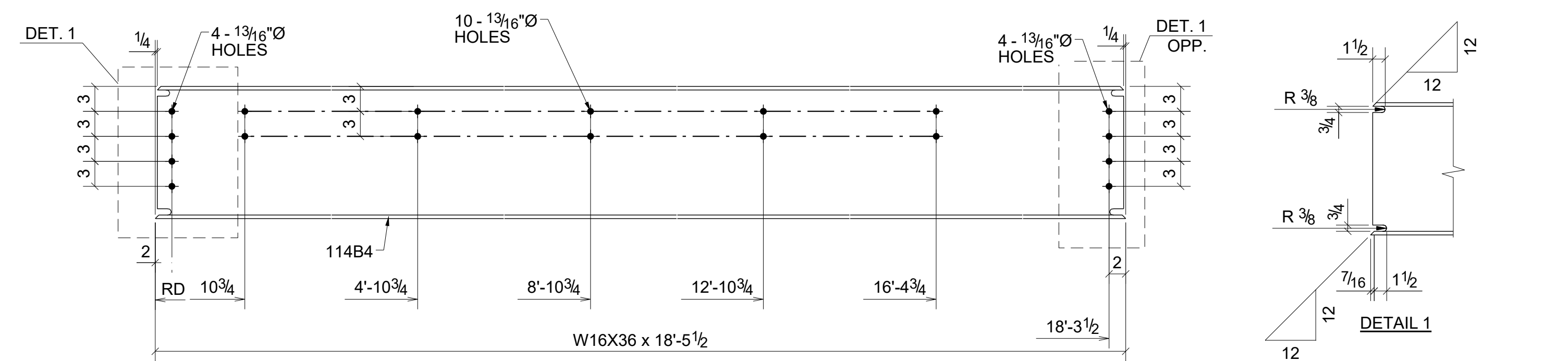
2 - BEAMS - 114B2



2 - BEAMS - 114B3



ONE - BEAM - 114B5



ONE - BEAM - 114B4

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	114B1	1	W16X36	15'-11 1/2"		SO-2 A992
2	114B2	2	W16X36	15'-11 1/2"		SO-2 A992
		4	PL3/8"X7 1/8"	1'-8 3/16"	p110	A36
		2	FL3/8"X5"	0'-7"	p112	A36
2	114B3	2	W16X36	18'-5 1/2"		SO-2 A992
1	114B4	1	W16X36	18'-5 1/2"		SO-2 A992
1	114B5	1	W16X36	18'-5 1/2"		SO-2 A992

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

**GENERAL NOTES**

MATERIAL: A36  
ELECTRODES: E70XX  
REF. DRG. E102 - E112

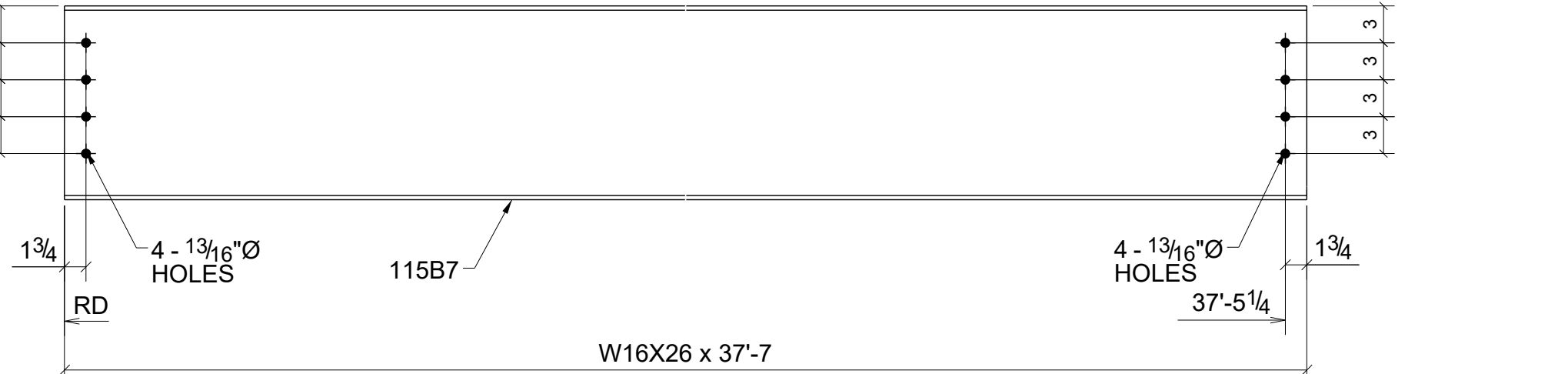
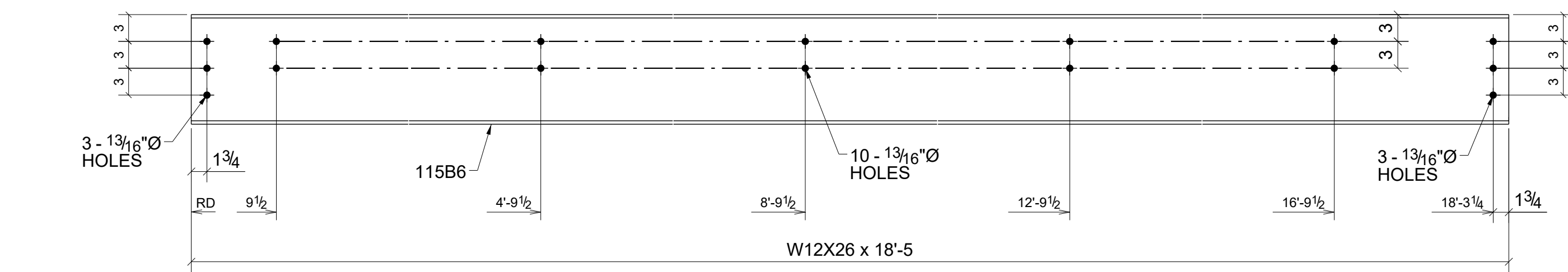
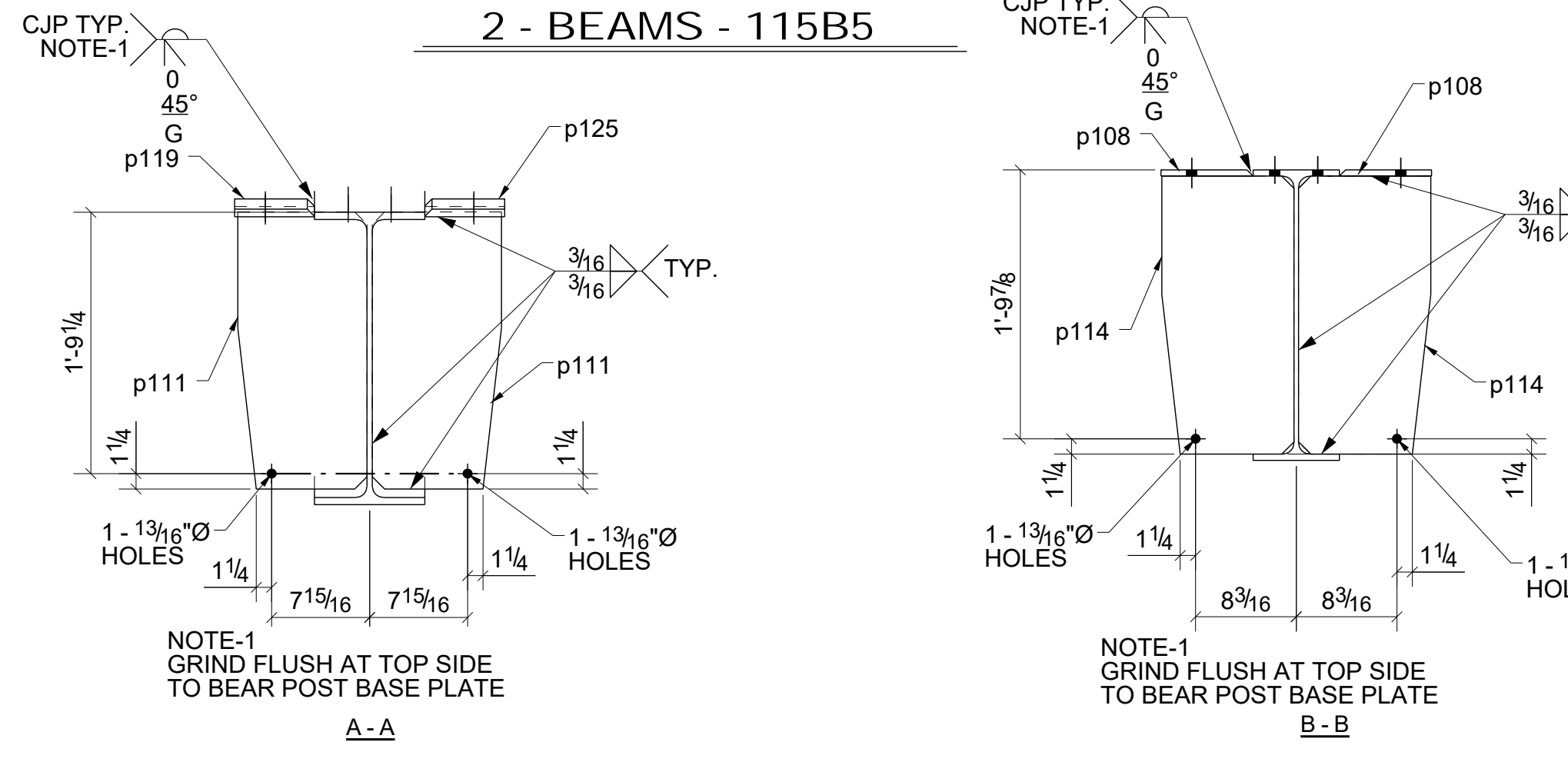
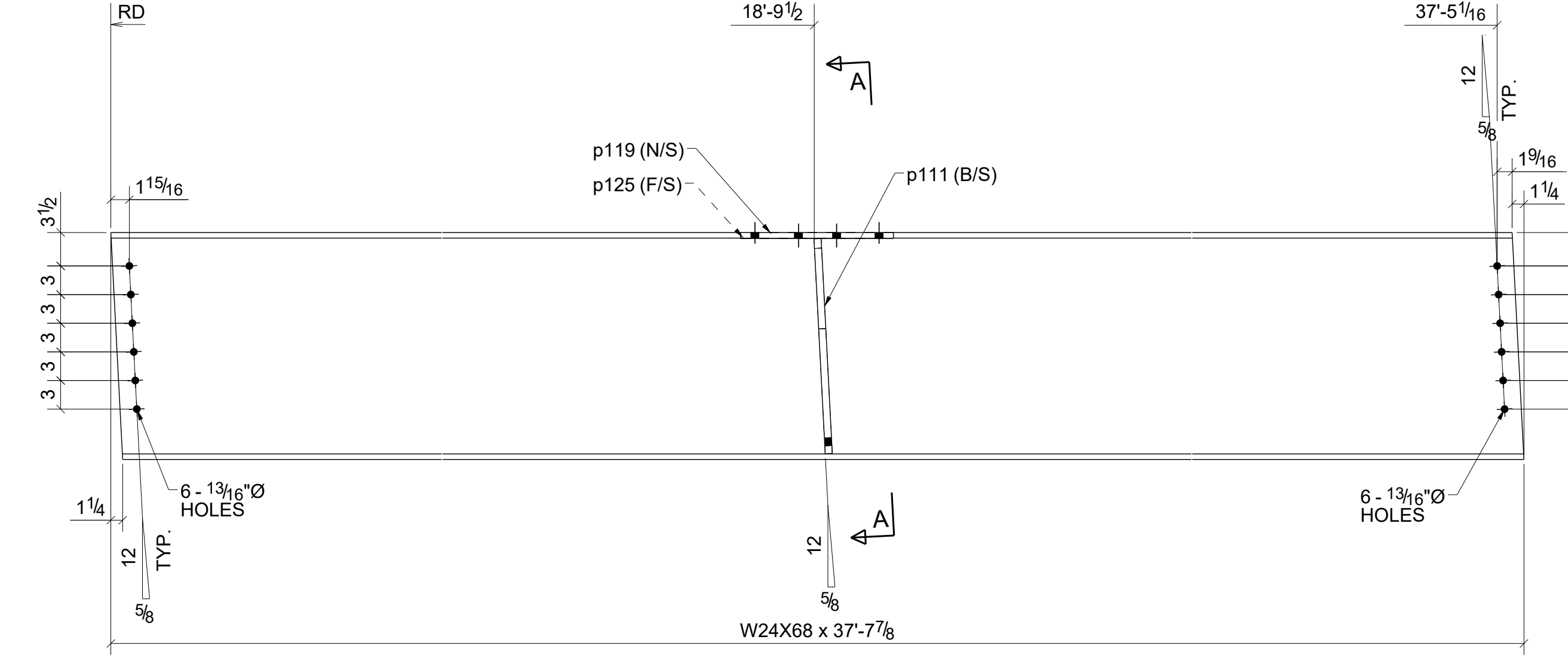
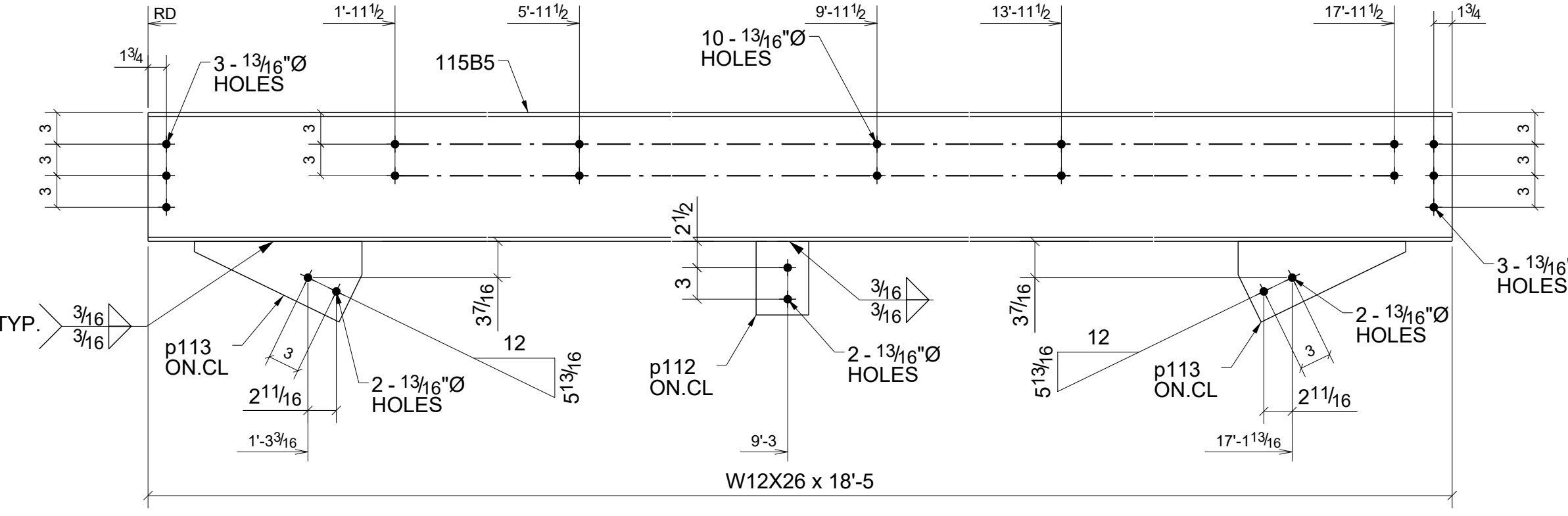
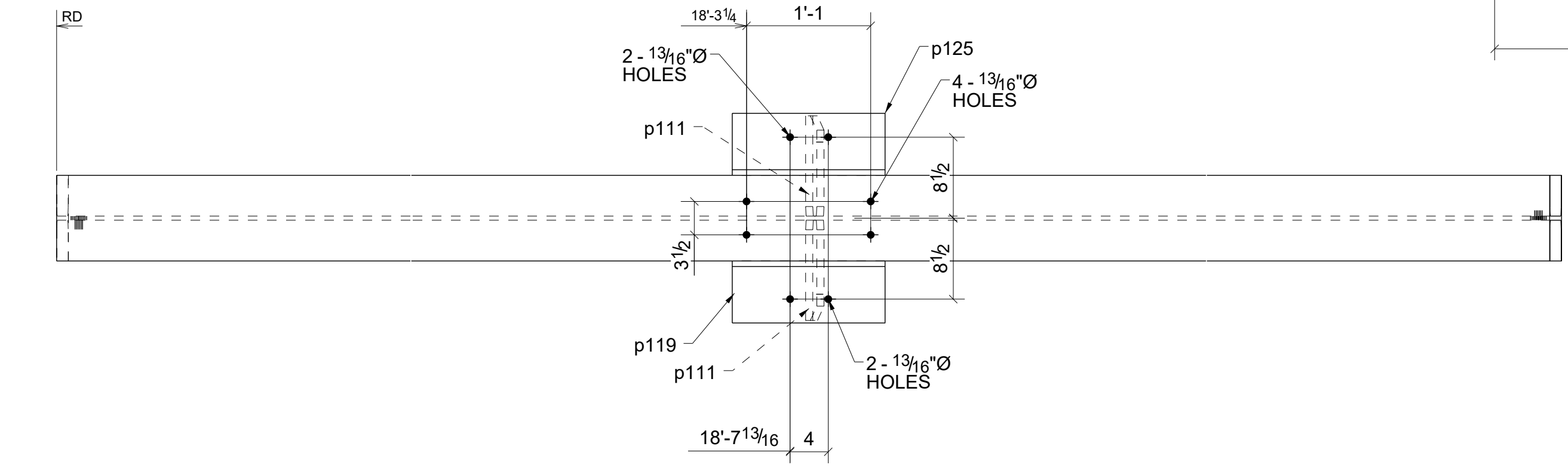
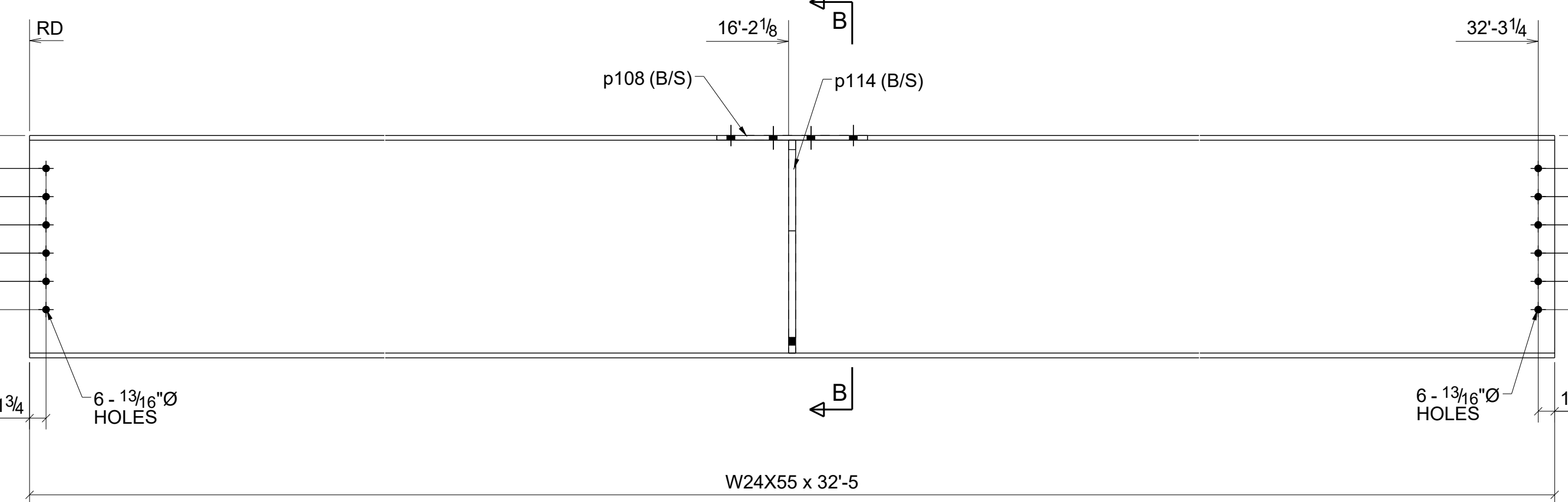
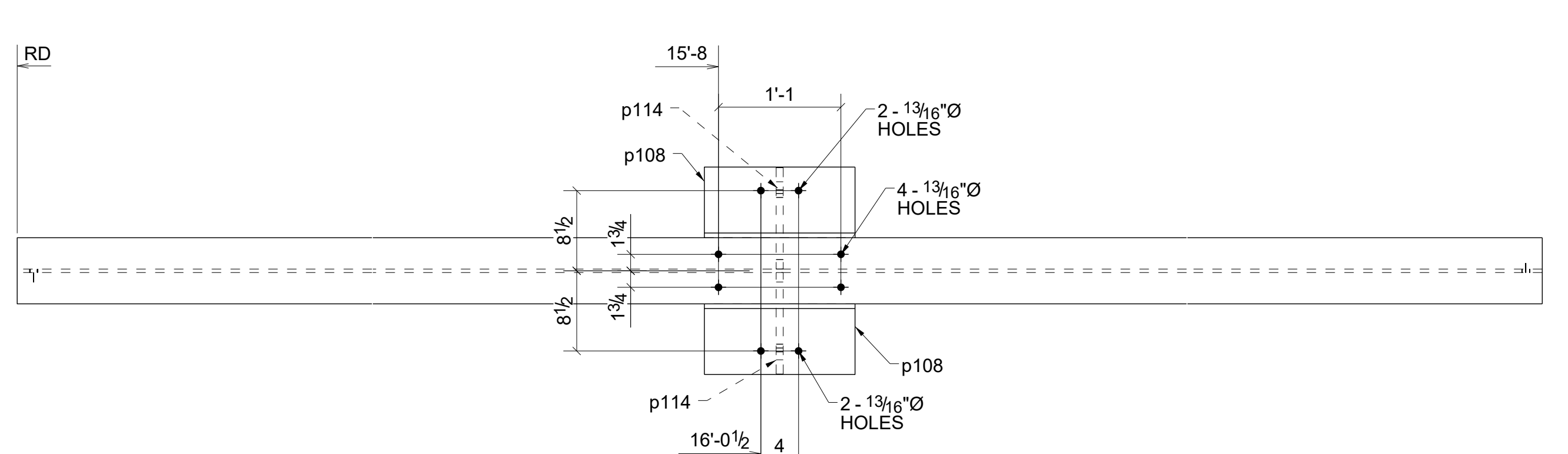
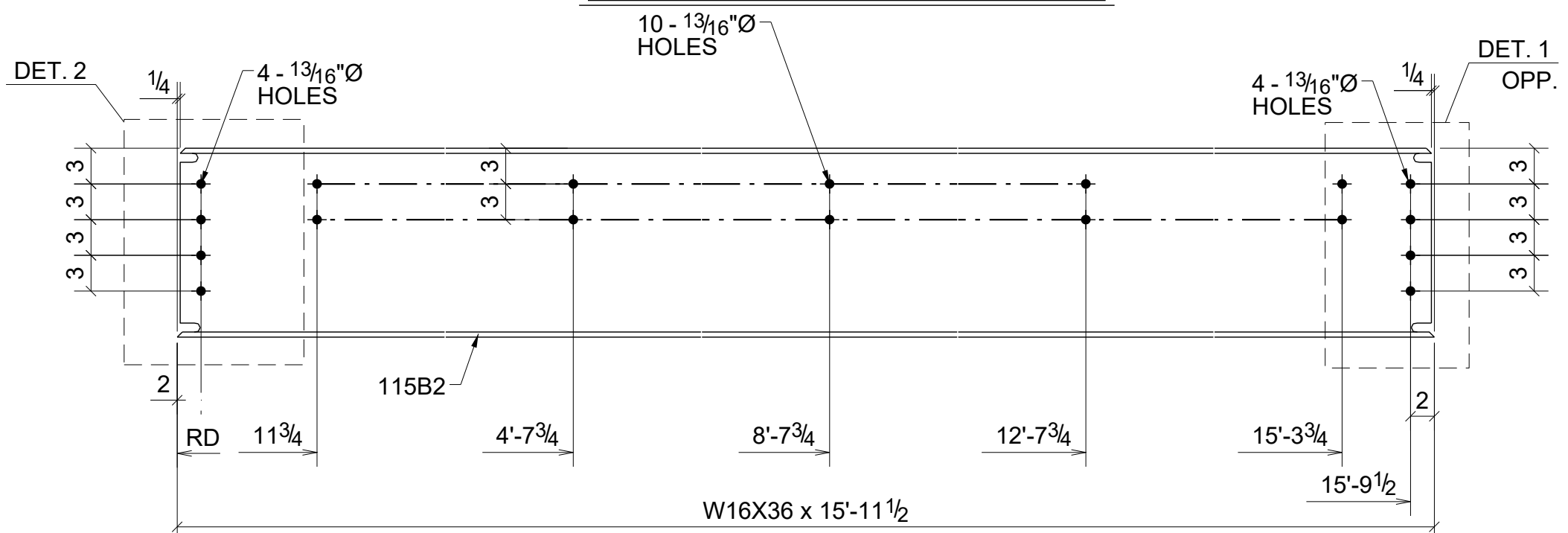
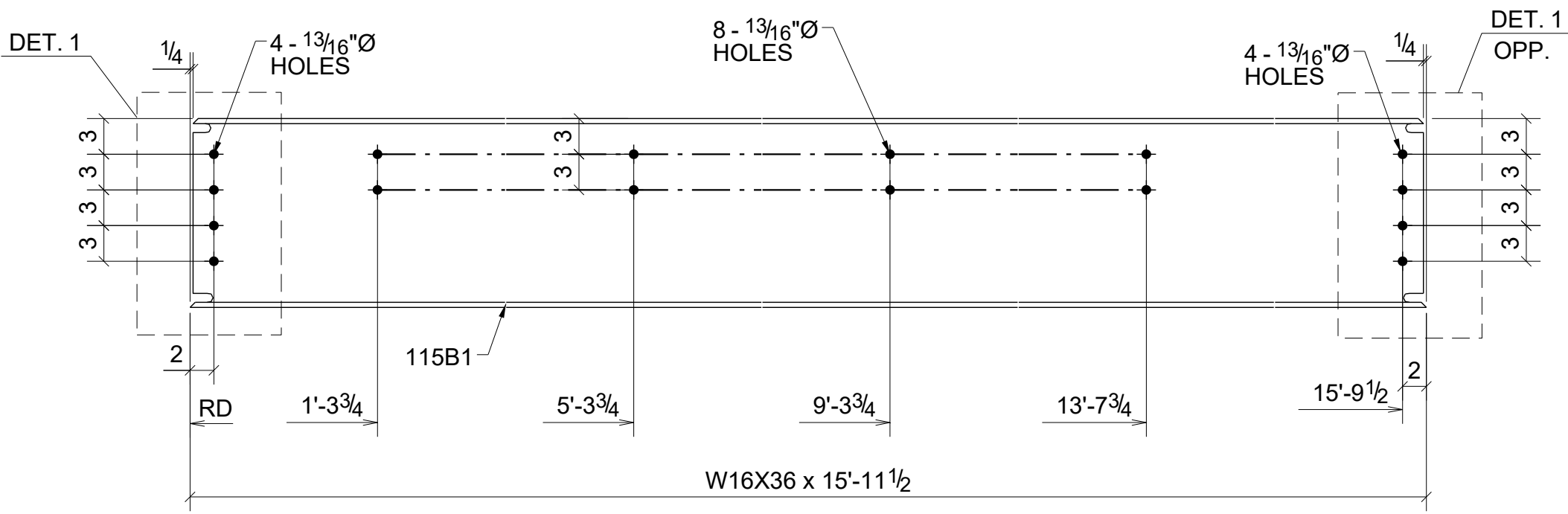
HOLES: 13/16" DIA. UN  
CONNS: 3/4" HIGH TENSILE

SURFACE PREP. AND PAINT:  
SSPC-SP3  
GREY PRIMER (U.N.O.)

DESCRIPTION: BEAMS  
PROJECT NAME: Crooks & Big Beaver Retail Building A & B  
LOCATION: Big Beaver, Troy, Michigan

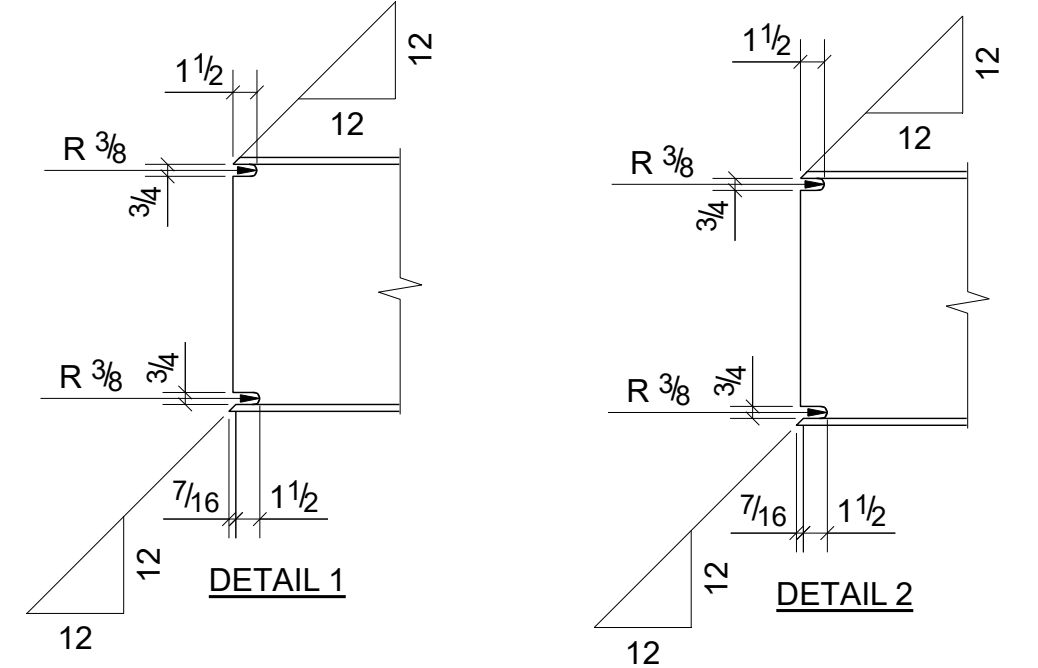
CONTRACTOR: .....

DRAWN BY R. K.	DATE 01/27/2023
CHKD. BY ABS	DATE 02/02/2023
JOB No.	DRG. No. 114
	REV. 0

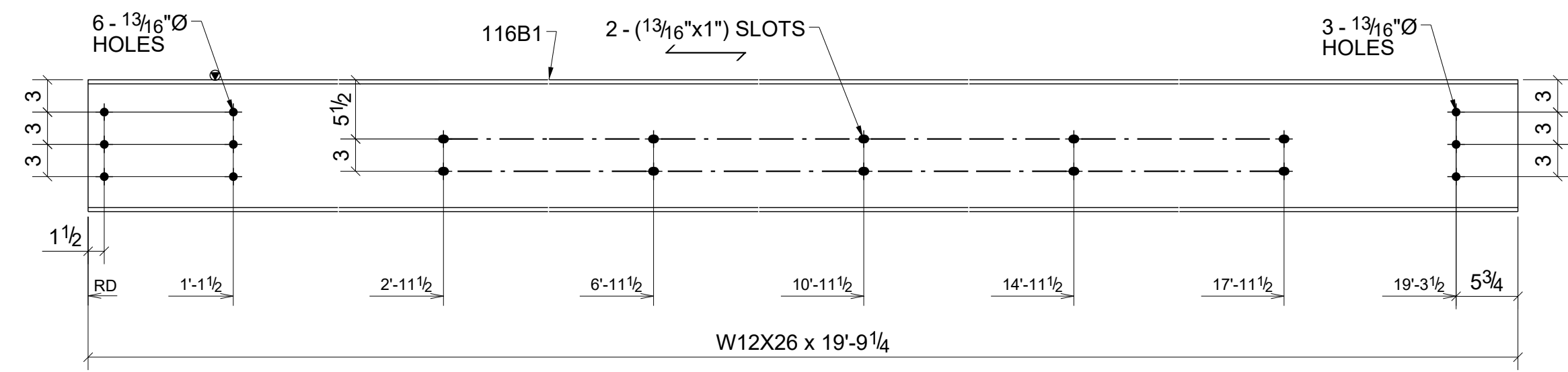


**BILL OF MATERIAL**

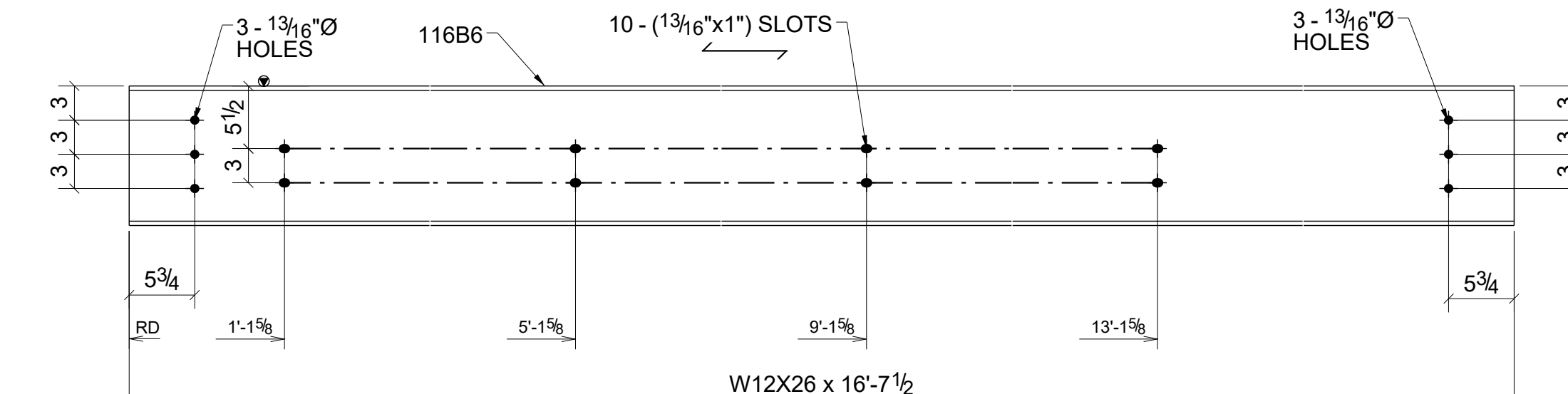
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	115B1	1	W16X36	15'-11 1/2"		SQ-2 A992
1	115B2	1	W16X36	15'-11 1/2"		SQ-2 A992
2	115B3	2	W24X68	37'-7 7/8"		BEV-2 A992
		4	FL3/4"X10 1/2"	1'-10 1/2"	p111	A38
		2	FL5/8"X6 1/2"	1'-4"	p119	A38
		2	FL5/8"X6 1/2"	1'-4"	p125	A38
3	115B4	3	W24X55	32'-5"		SQ-2 A992
		6	FL1/2"X7 1/2"	1'-4"	p108	A38
		6	FL3/4"X10 3/4"	1'-10 5/8"	p114	A38
2	115B5	2	W12X26	18'-5"		SQ-2 A992
		2	FL3/8"X5"	0'-7"	p112	A38
		4	PL3/8"X7 11/16"	1'-3 15/16"	p113	A38
2	115B6	2	W12X26	18'-5"		SQ-2 A992
2	115B7	2	W16X26	37'-7"		SQ-2 A992



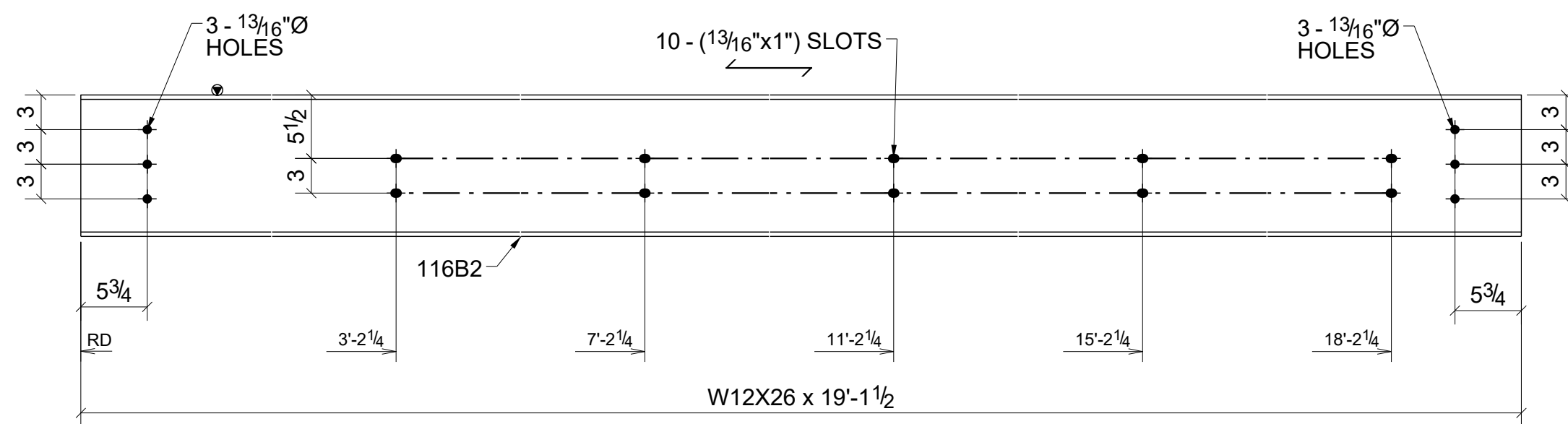
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	JOB USE	
HOLES: 13/16 DIA. UN	CONN'S: 3/4" Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP	
SURFACE PREP: SSPC-SP3 AND PAINT: GREY PRIMER (U.N.O.)			APPROVAL	
DESCRIPTION: BEAMS				
PROJECT NAME: Crooks & Big Beaver Retail Building A & B				
LOCATION: Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.	DATE 01/27/2023			
CHKD. BY ABS	DATE 02/02/2023			
JOB No. 115	DRG. No. 115	REV. 0		



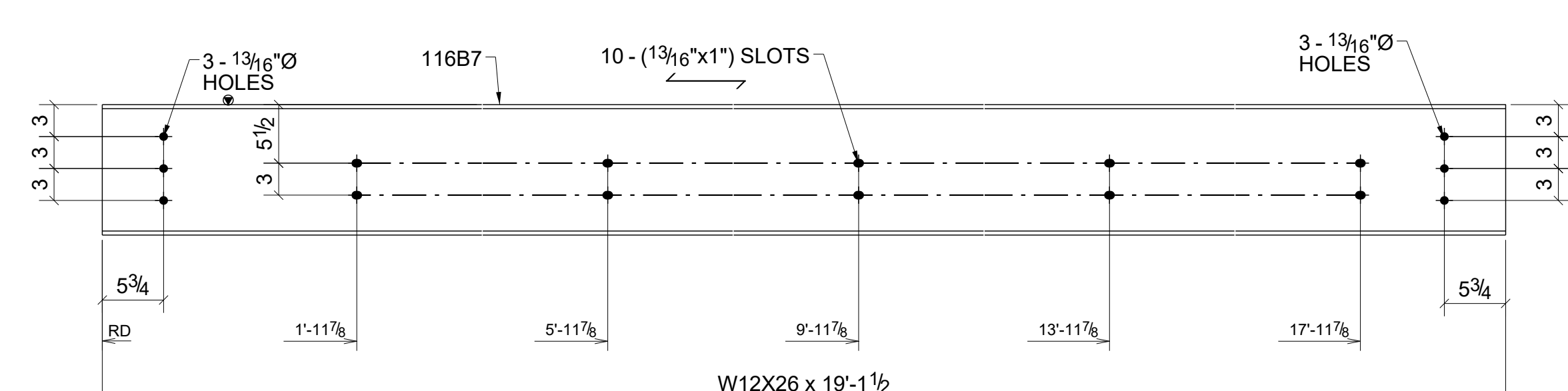
ONE - BEAM - 116B1



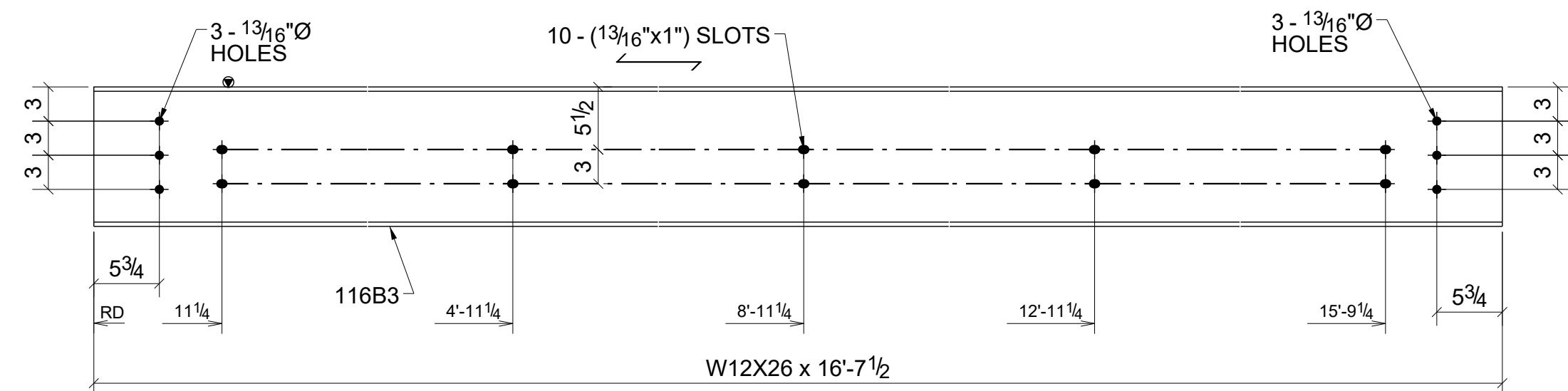
2 - BEAMS - 116B6



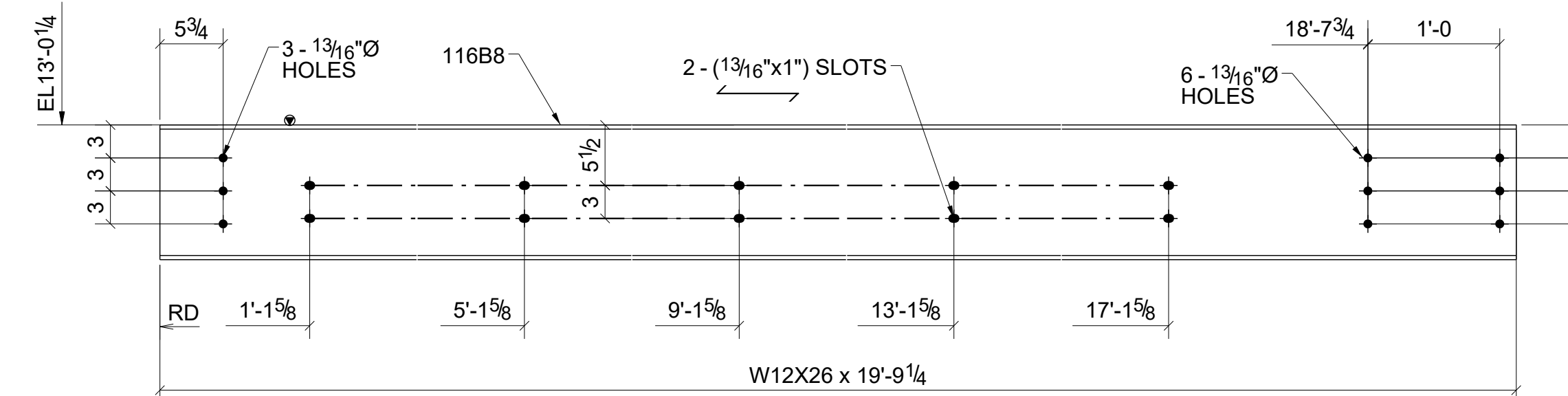
2 - BEAMS - 116B2



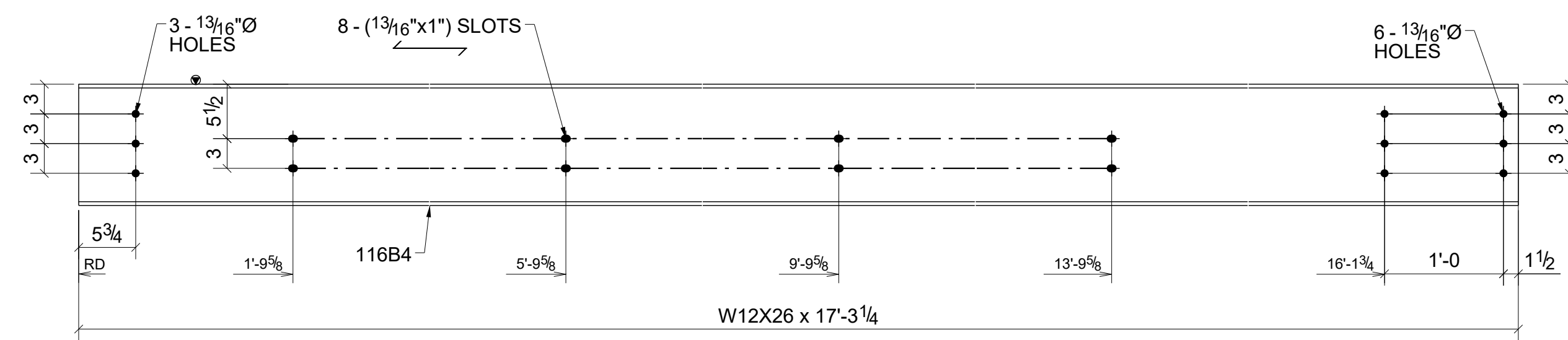
2 - BEAMS - 116B7



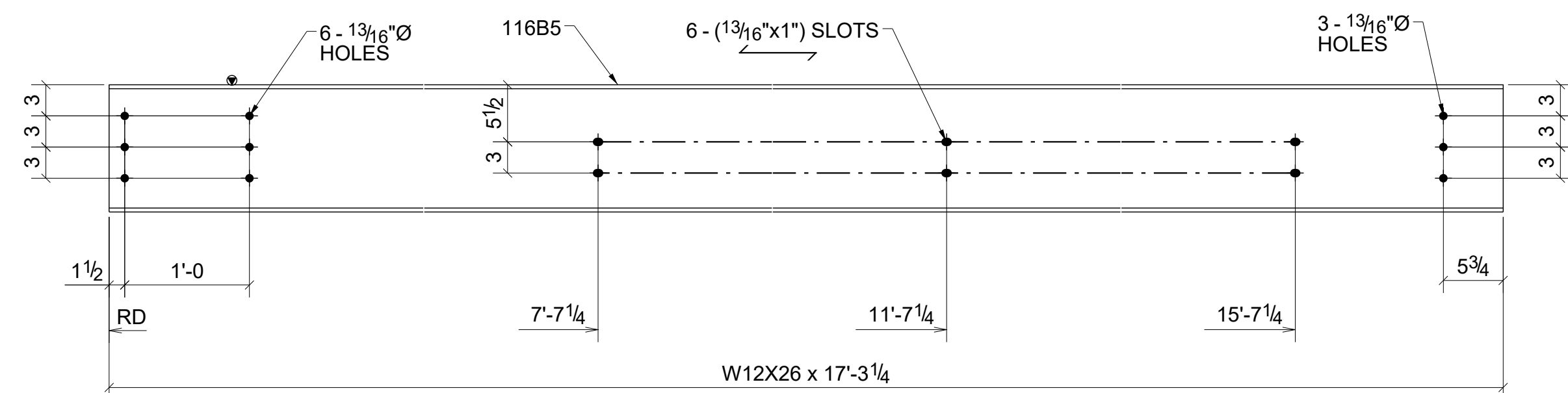
5 - BEAMS - 116B3



ONE - BEAM - 116B8



ONE - BEAM - 116B4



ONE - BEAM - 116B5

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	116B1	1	W12X26	19'-9 1/4"		SO-2 A992
2	116B2	2	W12X26	19'-1 1/2"		SO-2 A992
5	116B3	5	W12X26	16'-7 1/2"		SO-2 A992
1	116B4	1	W12X26	17'-3 1/4"		SO-2 A992
1	116B5	1	W12X26	17'-3 1/4"		SO-2 A992
2	116B6	2	W12X26	16'-7 1/2"		SO-2 A992
2	116B7	2	W12X26	19'-1 1/2"		SO-2 A992
1	116B8	1	W12X26	19'-9 1/4"		SO-2 A992

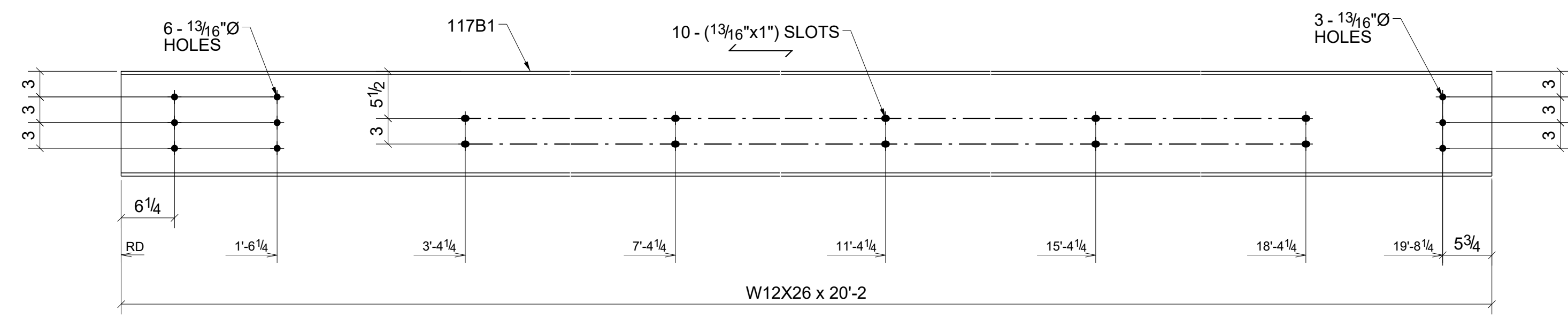
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK

GENERAL NOTES

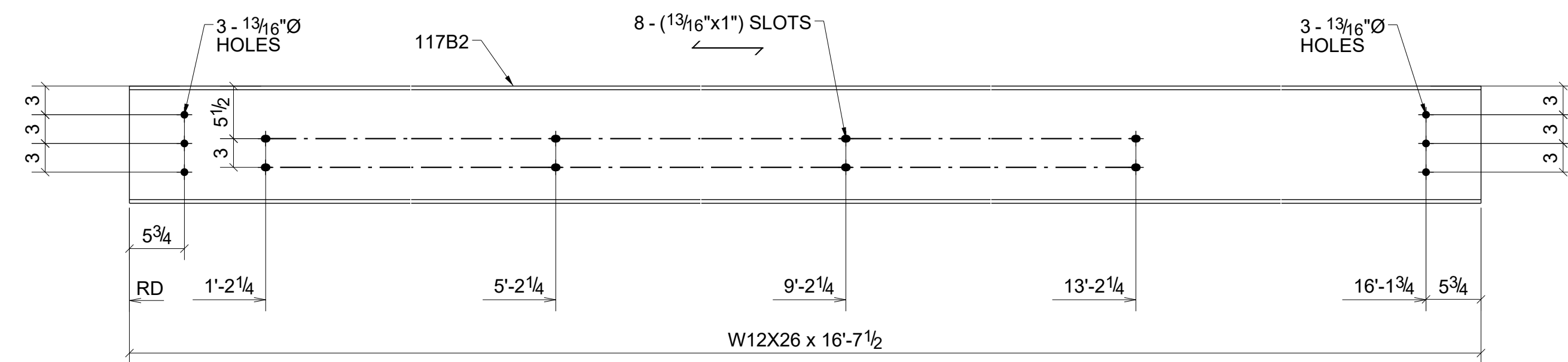
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	JOB USE
HOLES: 13/16 DIA. UN	CONN'S: 3/4"Ø HIGH TENSILE	E102 - E112	SHOP
SURFACE PREP. AND PAINT:		APPROVAL	
SSPC-SP3			
GREY PRIMER (U.N.O.)			

DESCRIPTION: BEAMS  
 PROJECT NAME Crooks & Big Beaver Retail Building A & B  
 LOCATION Big Beaver, Troy, Michigan

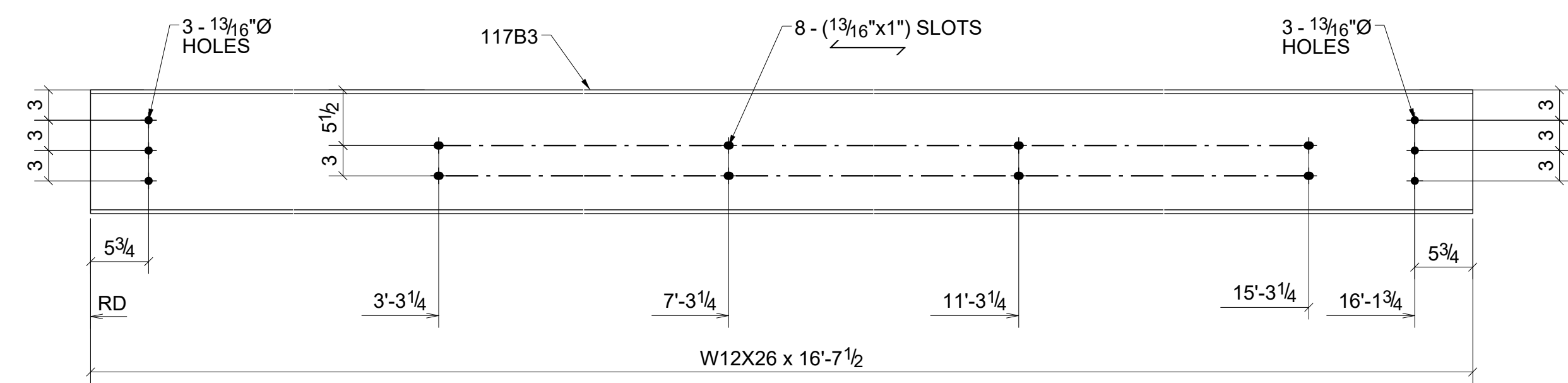
CONTRACTOR	DRAWN BY R. K.	DATE 01/27/2023
	CHKD. BY ABS	DATE 02/02/2023
	JOB No.	DRG. No. 116
		REV. 0



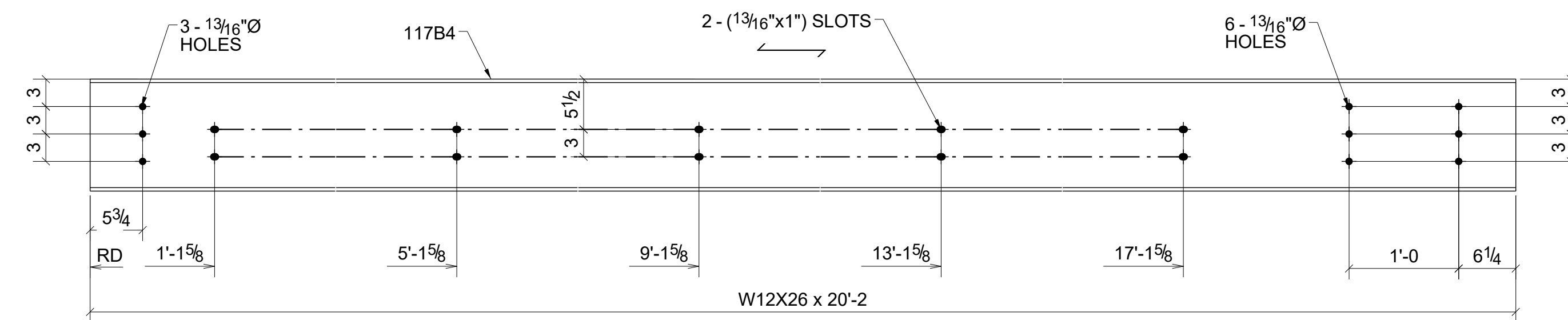
ONE - BEAM - 117B1



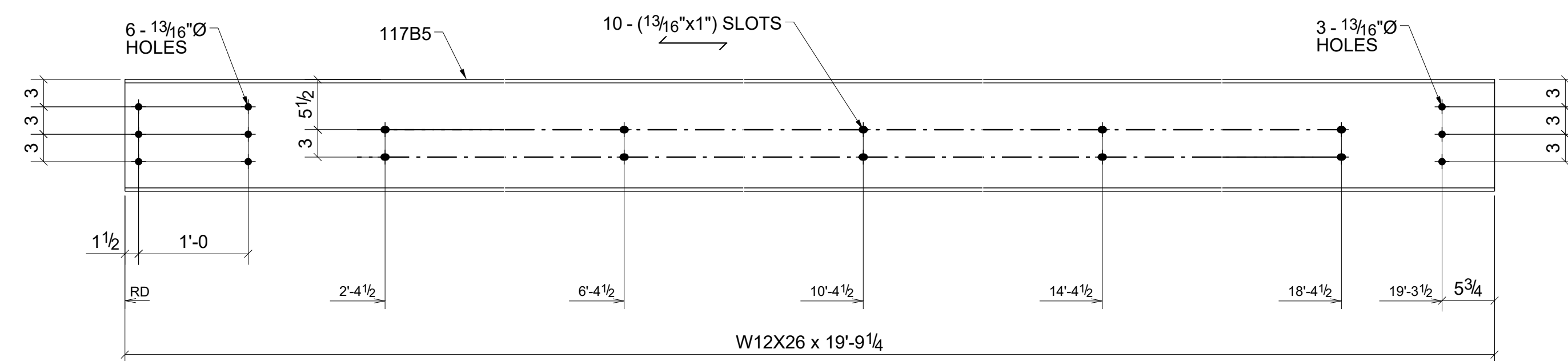
ONE - BEAM - 117B2



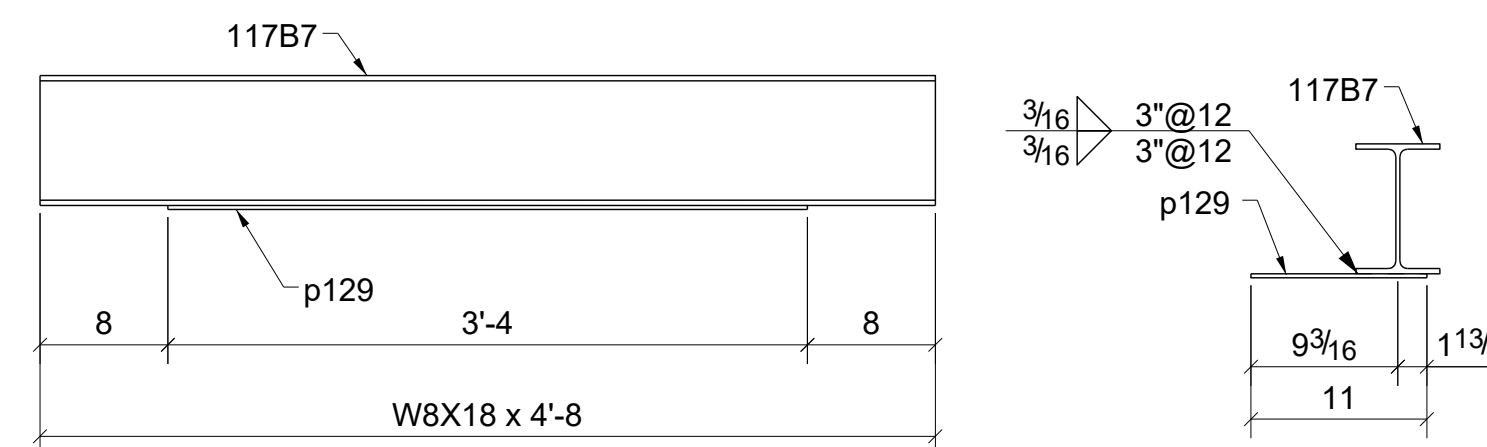
ONE - BEAM - 117B3



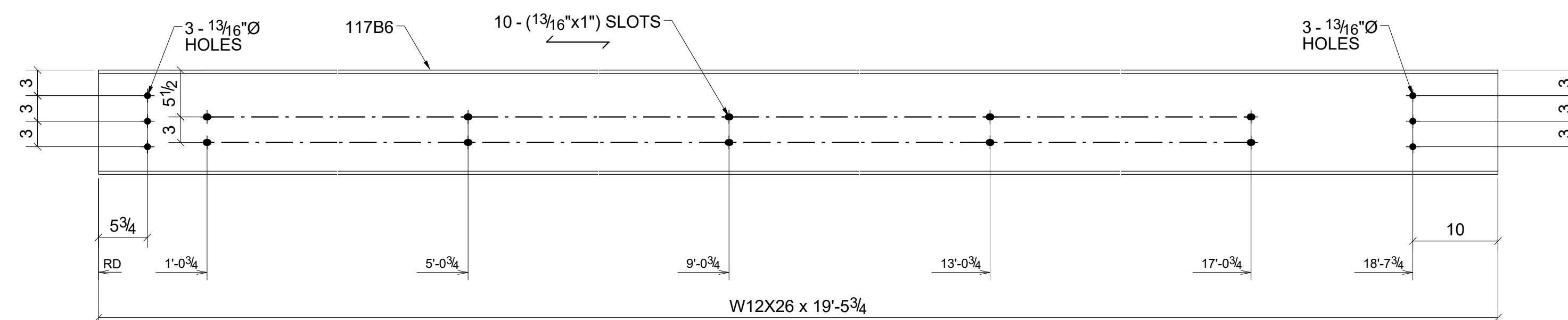
ONE - BEAM - 117B4



2 - BEAMS - 117B5



ONE - LINTEL\_BEAM - 117B7



2 - BEAMS - 117B6

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	117B1	1	W12X26	20'-2"		SO-2 A992
1	117B2	1	W12X26	16'-7 1/2"		SO-2 A992
1	117B3	1	W12X26	16'-7 1/2"		SO-2 A992
1	117B4	1	W12X26	20'-2"		SO-2 A992
2	117B5	2	W12X26	19'-9 1/4"		SO-2 A992
2	117B6	2	W12X26	19'-5 3/4"		SO-2 A992
1	117B7	1	W8X18	4'-8"		SO-2 A992
		1	FL1/4"X11"	3'-4"	p129	A36

0 For Fabrication 04/03/2023 R. K. ABS  
 A For Approval 02/06/2023 R. K. ABS  
 REV. DESCRIPTION DATE DWN CHK

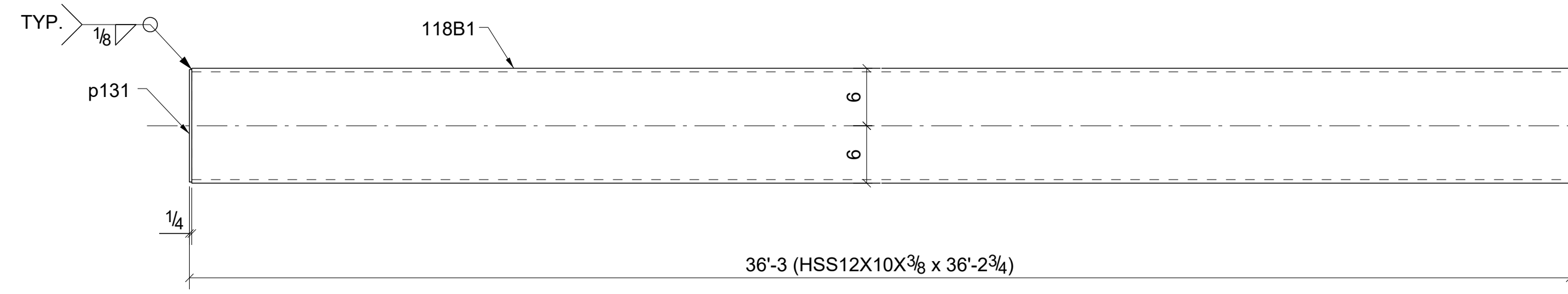
**GENERAL NOTES**

MATERIAL: A36 ELECTRODES: E70XX REF. DRG. E102 - E112  
 HOLES: 13/16 DIA. UN CORNS: 3/4"Ø HIGH TENSILE SHOP  
 SURFACE PREP. AND PAINT: SSSPC-SP3 GREY PRIMER (U.N.O.) APPROVAL

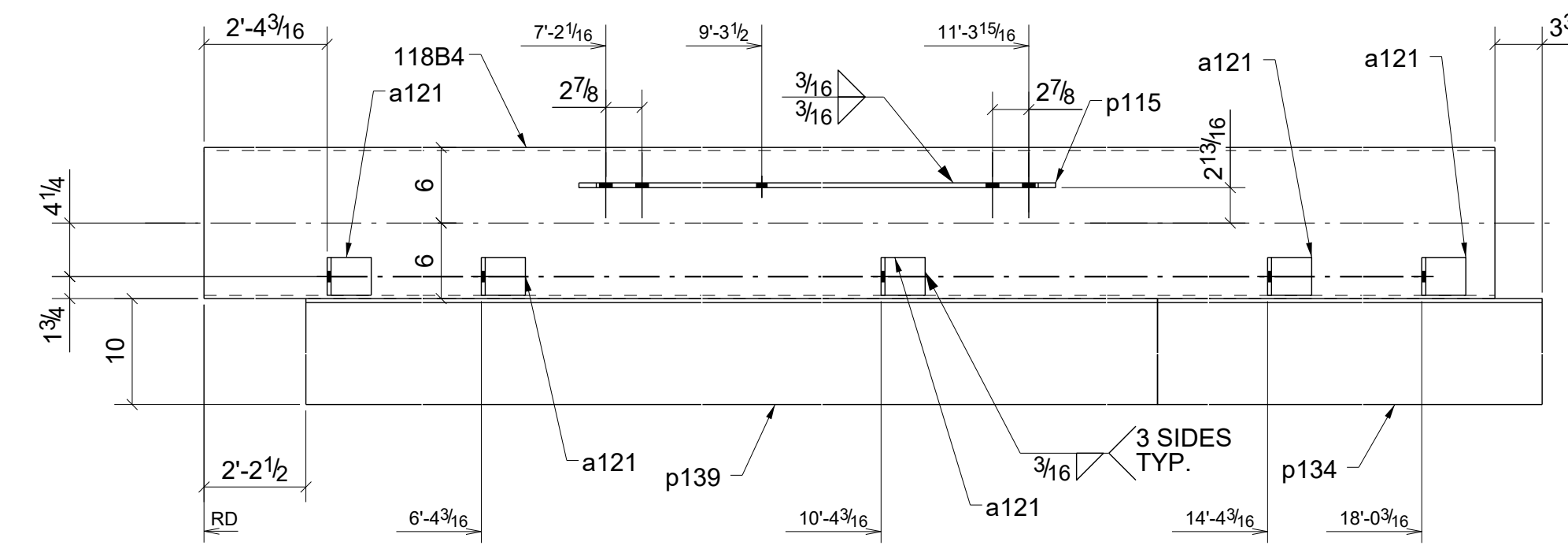
DESCRIPTION: BEAMS  
 PROJECT NAME Crooks & Big Beaver Retail Building A & B  
 LOCATION Big Beaver, Troy, Michigan

CONTRACTOR

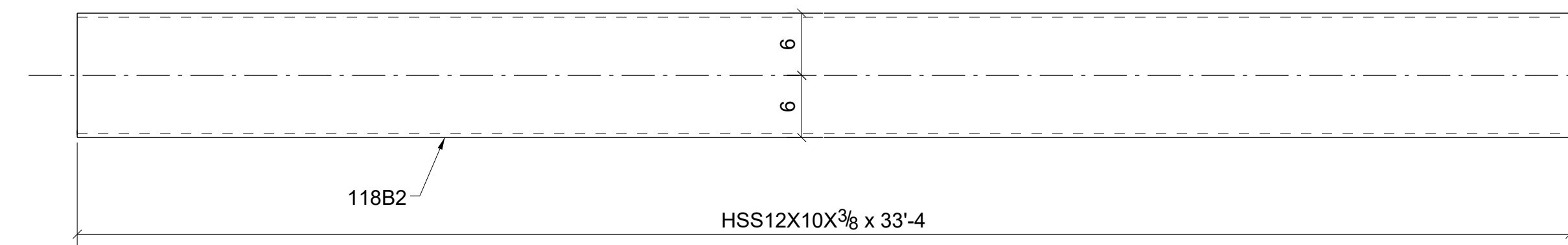
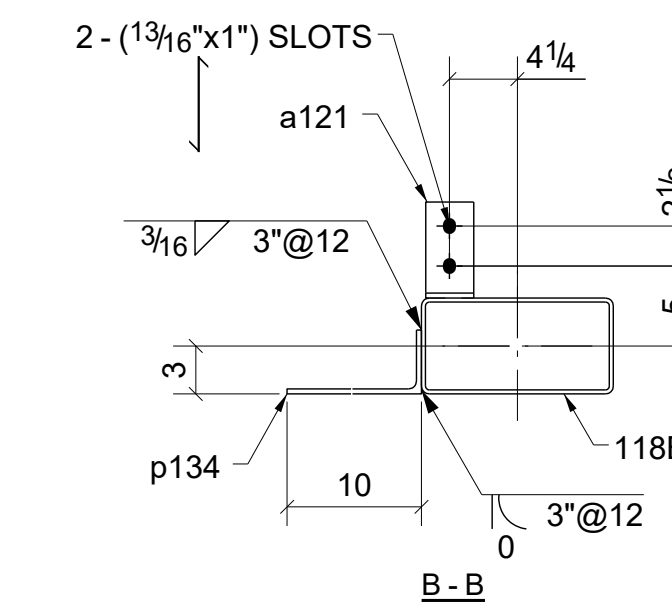
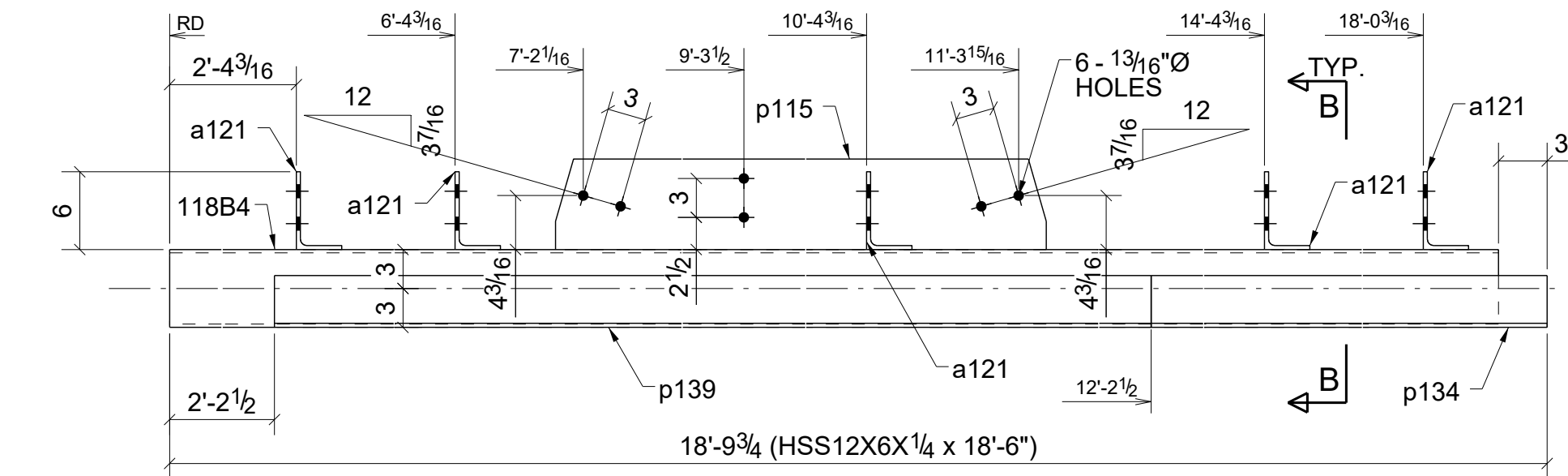
DRAWN BY R. K. DATE 01/27/2023  
 CHKD. BY ABS DATE 02/02/2023  
 JOB No. 117 DRG. No. 117 REV. 0



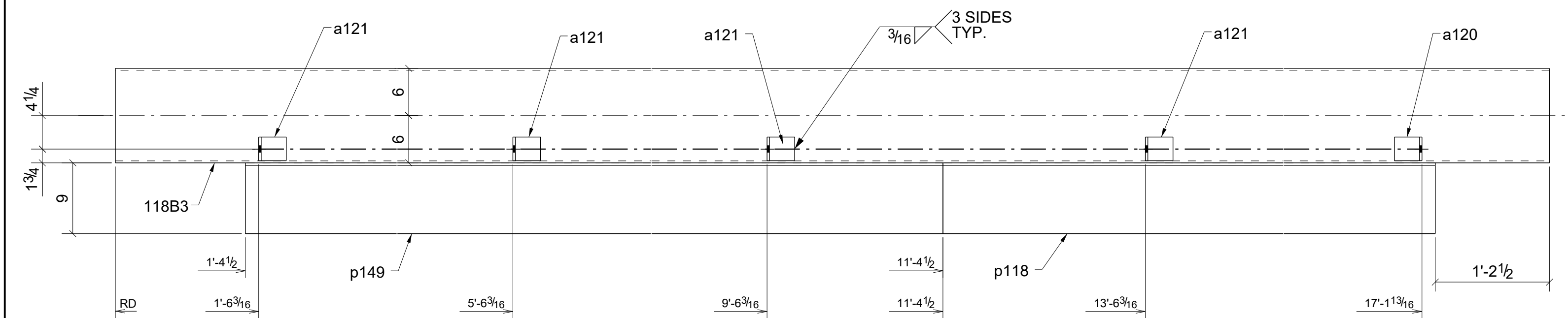
2 - BEAMS - 118B1



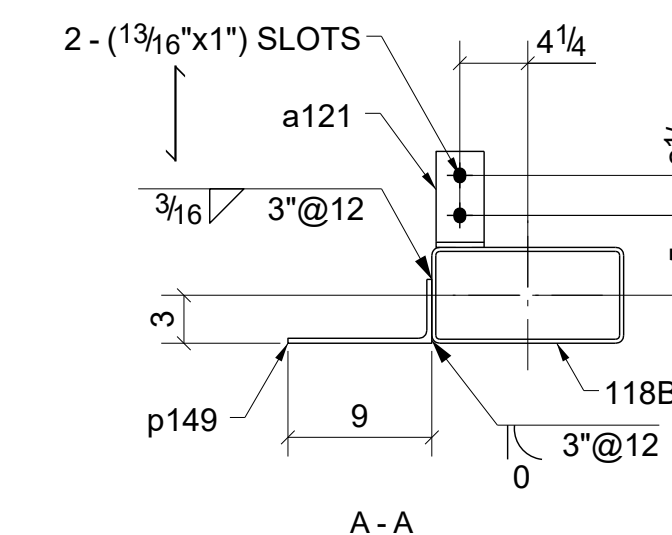
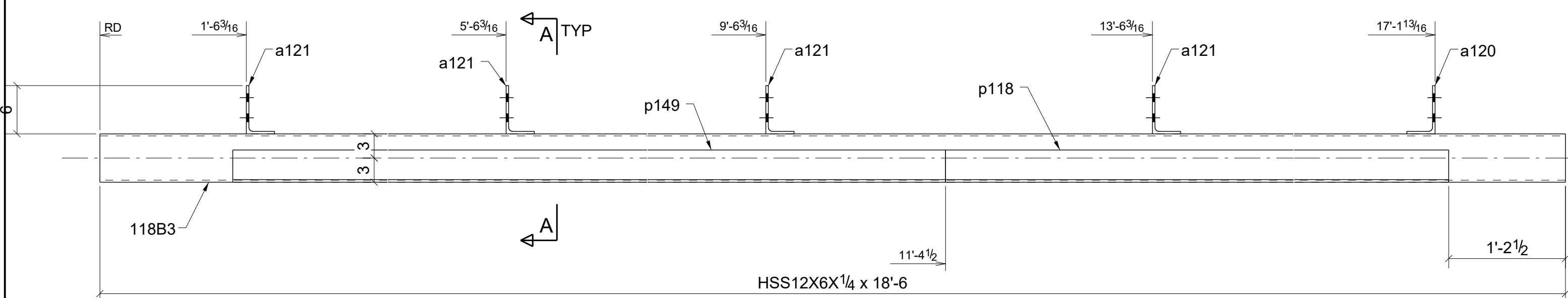
ONE - BEAM - 118B4



2 - BEAMS - 118B2



ONE - BEAM - 118B3



BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	118B1	2	HSS12X10X $\frac{3}{8}$	36'-2 $\frac{3}{4}$ "		SQ-2 A500-GR.B
		2	PL1/4"x9 3/4"	0'-11 3/4"	p131	A36
2	118B2	2	HSS12X10X $\frac{3}{8}$	33'-4"		SQ-2 A500-GR.B
1	118B3	1	HSS12X6X $\frac{1}{4}$	18'-6"		SQ-2 A500-GR.B
		1	L6X3-1/2X5/16	0'-3"	a120	A36
		4	L6X3-1/2X5/16	0'-3"	a121	A36
		1	PL5/16X12 $\frac{3}{8}$	5'-11"	p118	A36
		1	PL5/16X12 $\frac{3}{8}$	10'-0"	p149	A36
1	118B4	1	HSS12X6X $\frac{1}{4}$	18'-6"		SQ-2 A500-GR.B
		5	L6X3-1/2X5/16	0'-3"	a121	A36
		1	PL3/8"x7"	4'-6 1/8"	p115	A36
		1	PL5/16X13 $\frac{3}{8}$	6'-7 1/4"	p134	A36
		1	PL5/16X13 $\frac{3}{8}$	10'-0"	p139	A36

0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK

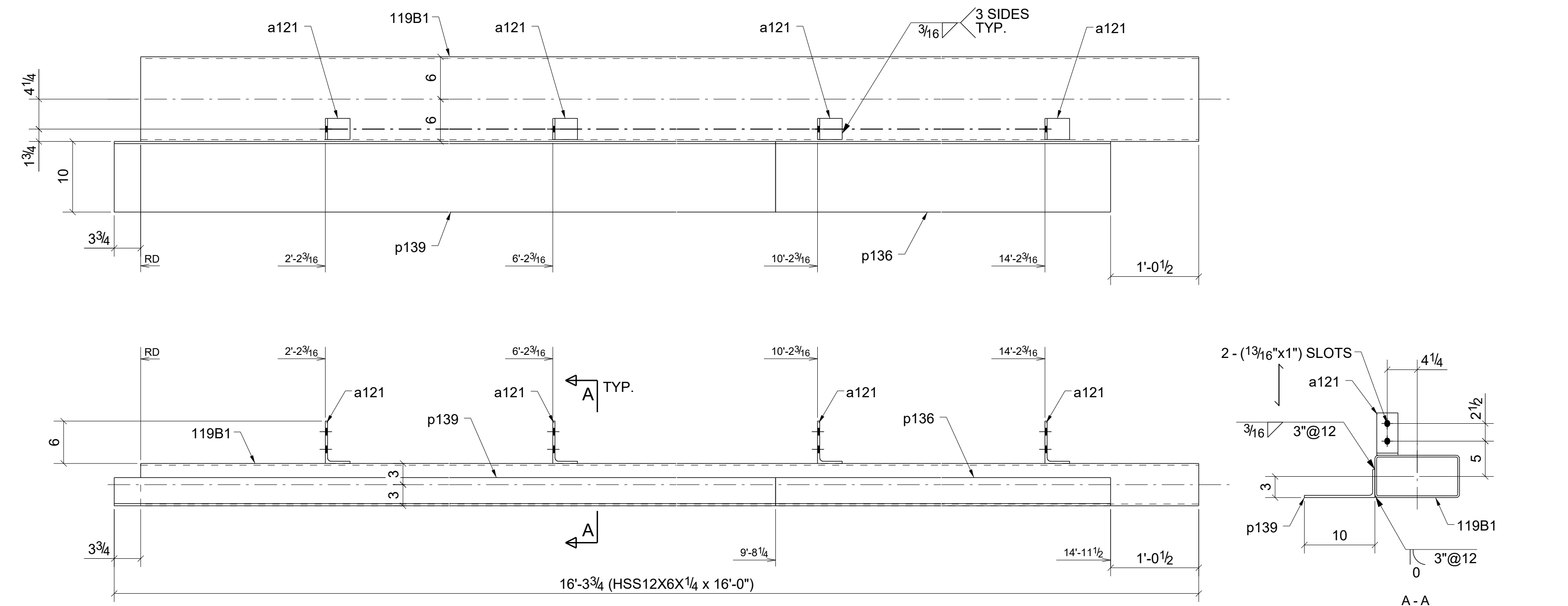
GENERAL NOTES

MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	JOB USE
HOLES: 13/16 DIA. UN	CONN'S: 3/4" $\varnothing$ HIGH TENSILE	E102 - E112	SHOP
SURFACE PREP. AND PAINT:			APPROVAL
SSPC-SP3 GREY PRIMER (U.N.O.)			

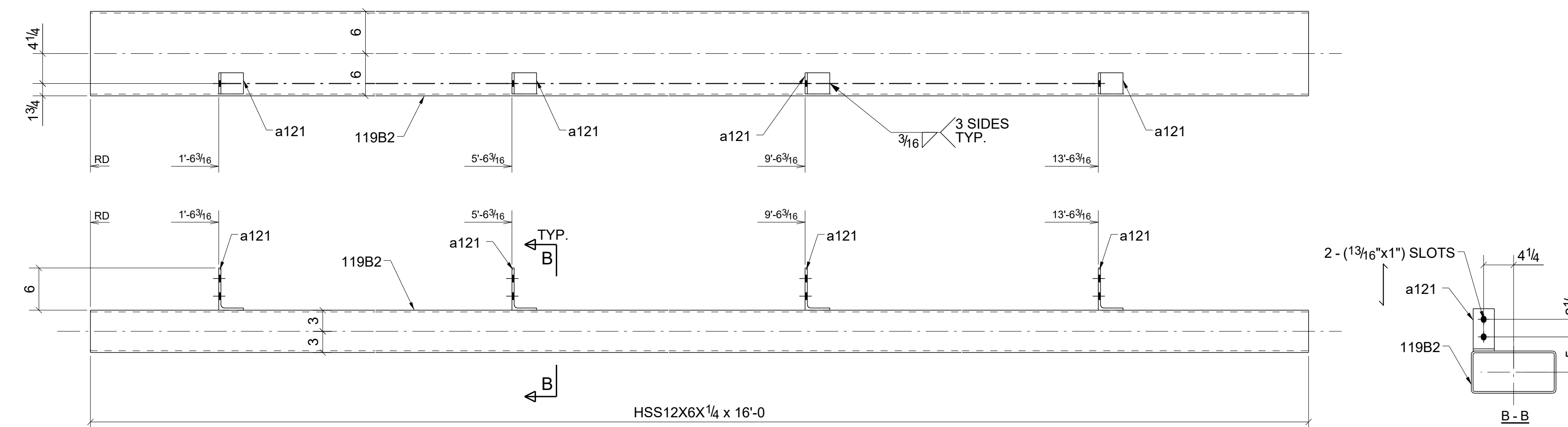
DESCRIPTION: BEAMS  
 PROJECT NAME Crooks & Big Beaver Retail Building A & B  
 LOCATION Big Beaver, Troy, Michigan  
 CONTRACTOR

DRAWN BY	DATE
R. K.	01/27/2023
CHKD. BY	DATE
ABS	02/02/2023
JOB No.	DRG. No.
118	118
REV.	
0	

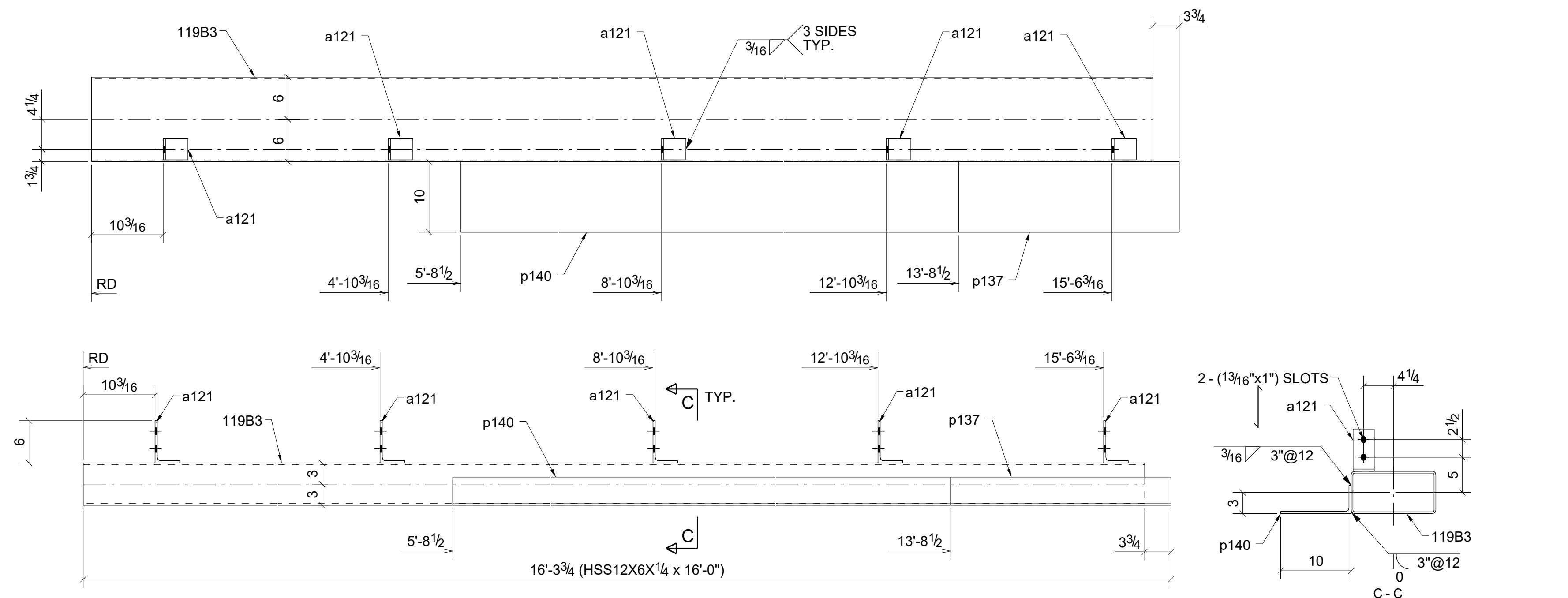




ONE - BEAM - 119B1



ONE - BEAM - 119B2



ONE - BEAM - 119B3

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	119B1	1	HSS12X6X1/4	16'-0"		SQ-2 A500-GR.B
		4	L6X3-1/2X5/16	0'-3"	a121	A38
		1	PL5/16X13*3/8	5'-3 1/4"	p136	A38
		1	PL5/16X13*3/8	10'-0"	p139	A38
1	119B2	1	HSS12X6X1/4	16'-0"		SQ-2 A500-GR.B
		4	L6X3-1/2X5/16	0'-3"	a121	A38
1	119B3	1	HSS12X6X1/4	16'-0"		SQ-2 A500-GR.B
		5	L6X3-1/2X5/16	0'-3"	a121	A38
		1	PL5/16X13*3/8	2'-7 1/4"	p137	A38
		1	PL5/16X13*3/8	8'-0"	p140	A38

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

**GENERAL NOTES**

MATERIAL: A38  
ELECTRODES: E70XX  
REF. DRG. E102 - E112

HOLES: 13/16 DIA. UN  
CONNS: 3/4"Ø HIGH TENSILE

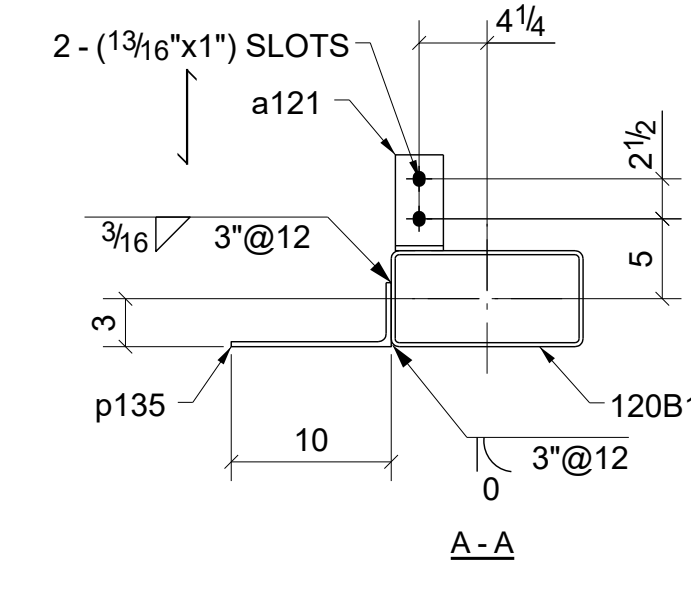
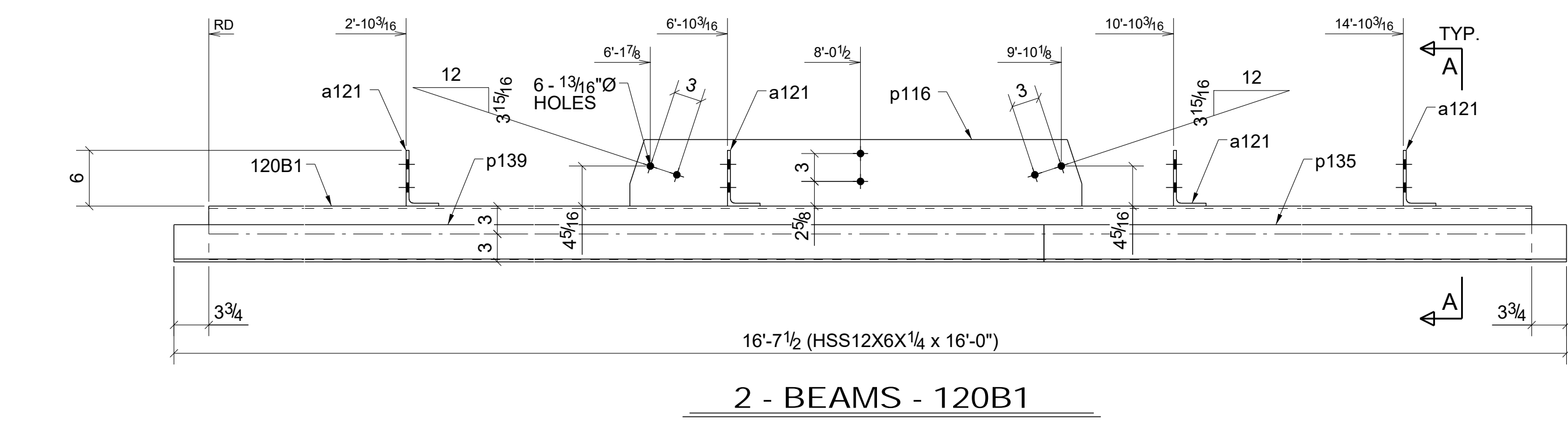
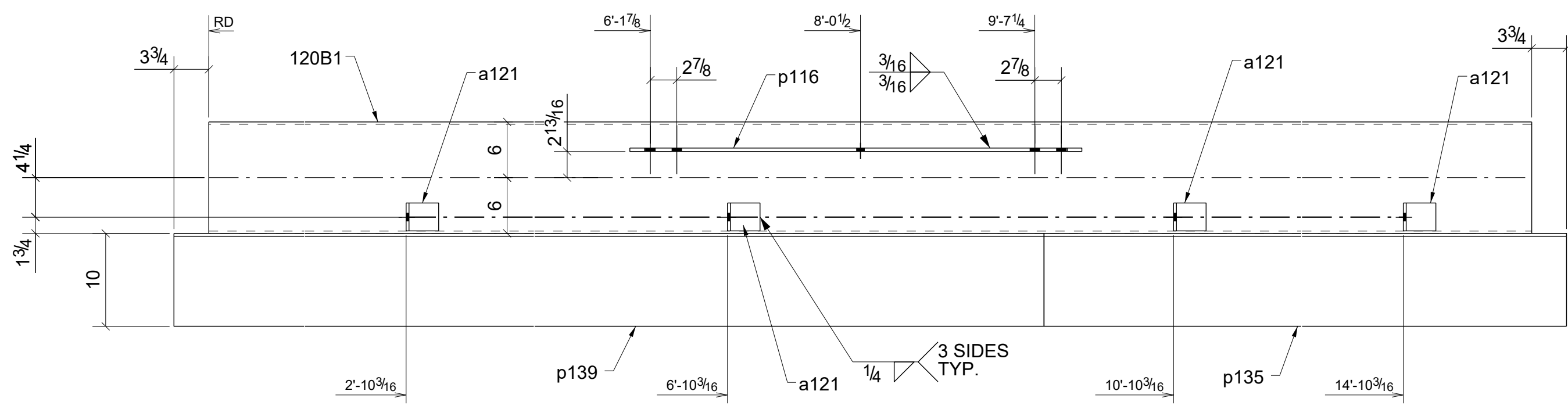
SURFACE PREP: SSPC-SP3  
AND PAINT: GREY PRIMER (U.N.O.)

DESCRIPTION: BEAMS

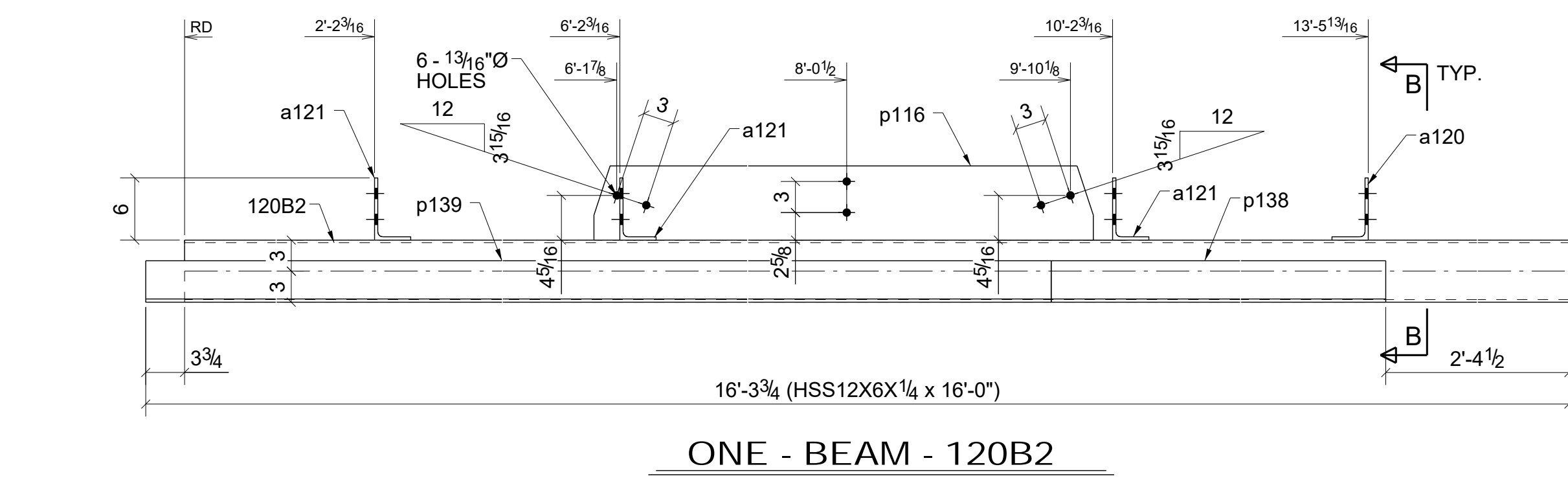
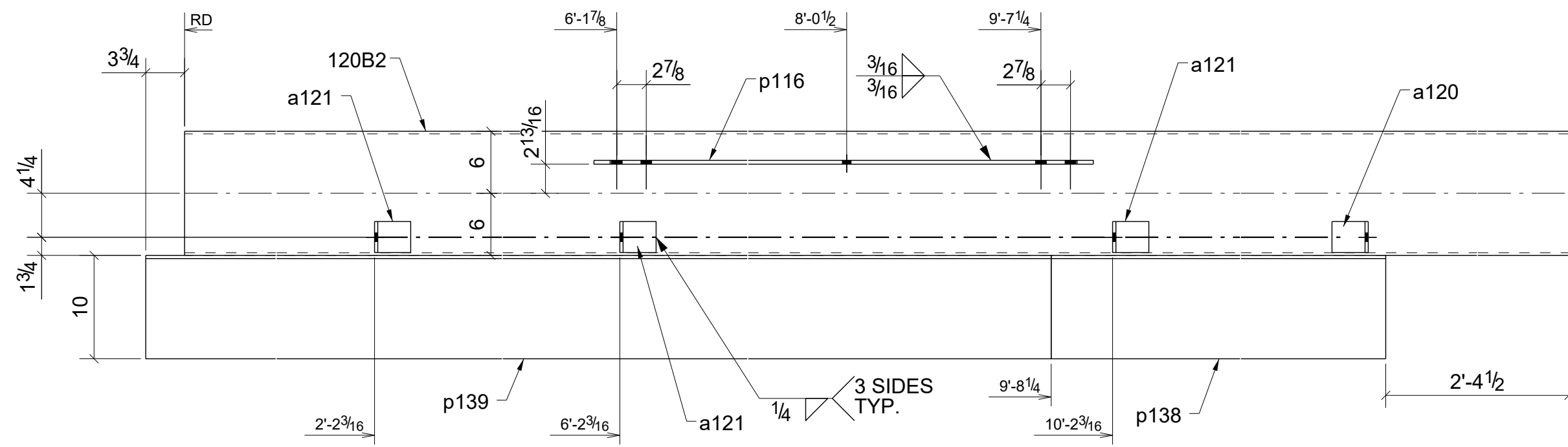
PROJECT NAME: Crooks & Big Beaver Retail Building A & B  
LOCATION: Big Beaver, Troy, Michigan

CONTRACTOR: .....

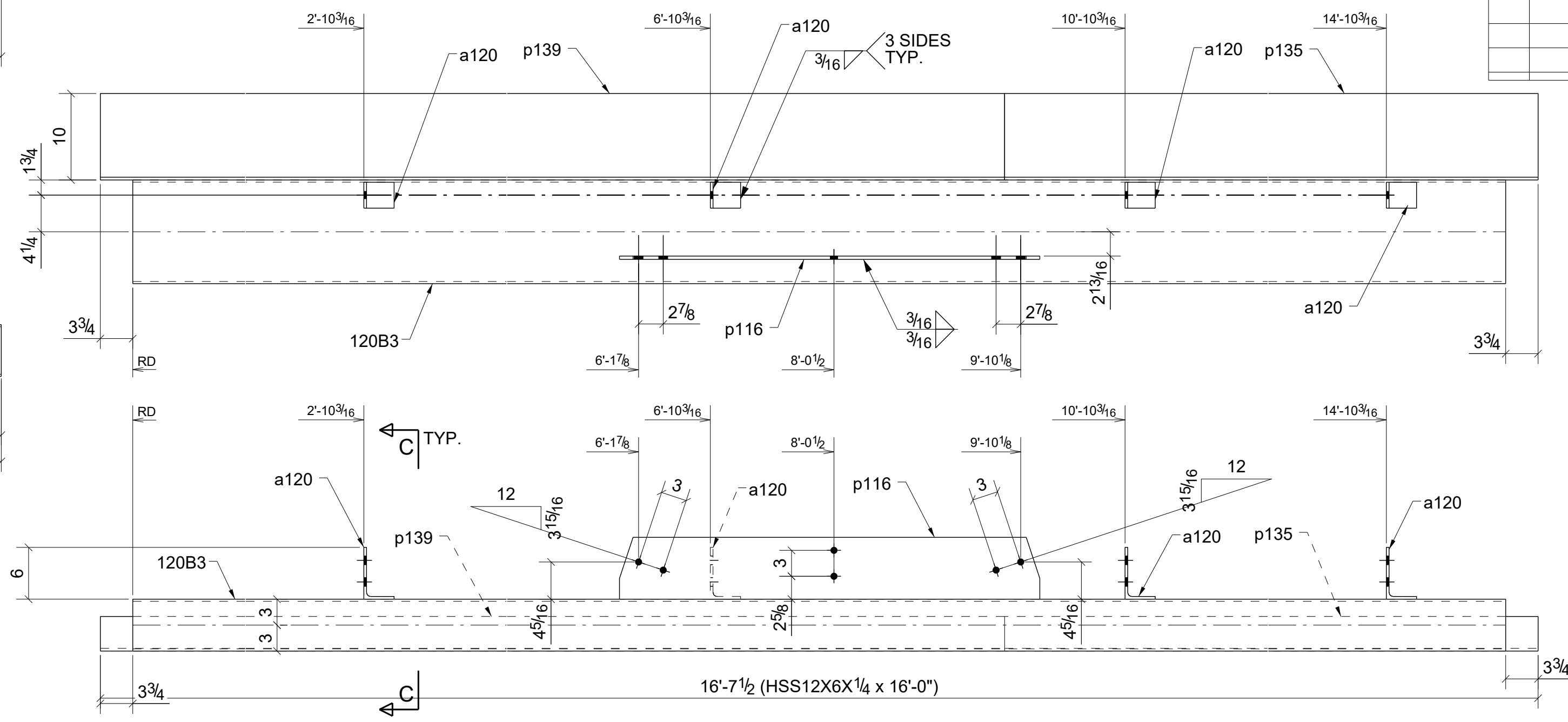
DRAWN BY: R. K. DATE: 01/27/2023  
CHKD. BY: ABS DATE: 02/02/2023  
JOB No. DRG. No. 119 REV. 0



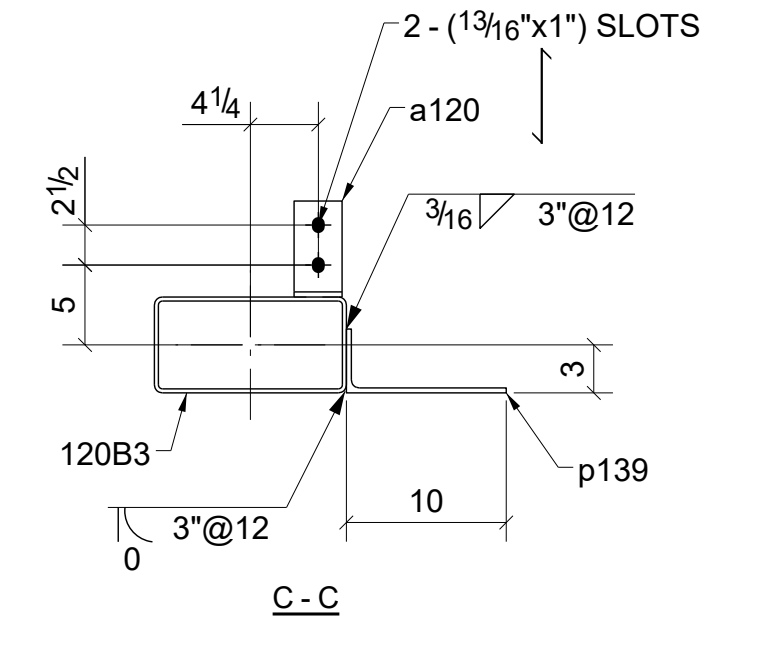
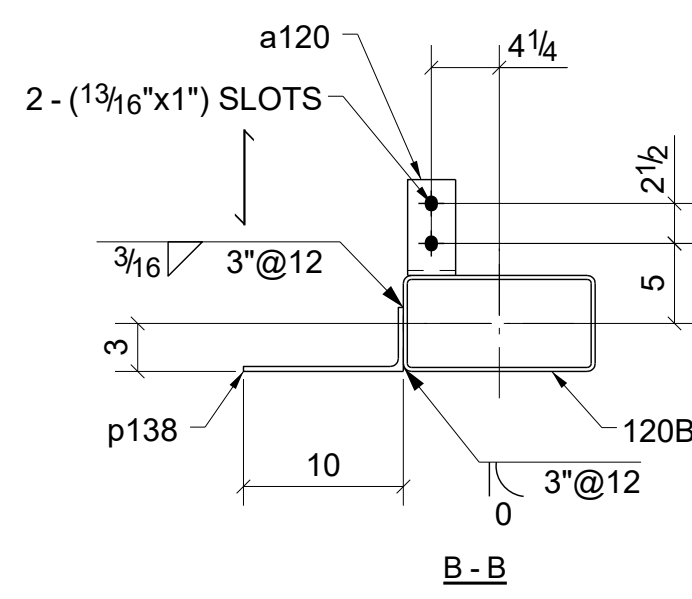
**2 - BEAMS - 120B1**



**ONE - BEAM - 120B2**



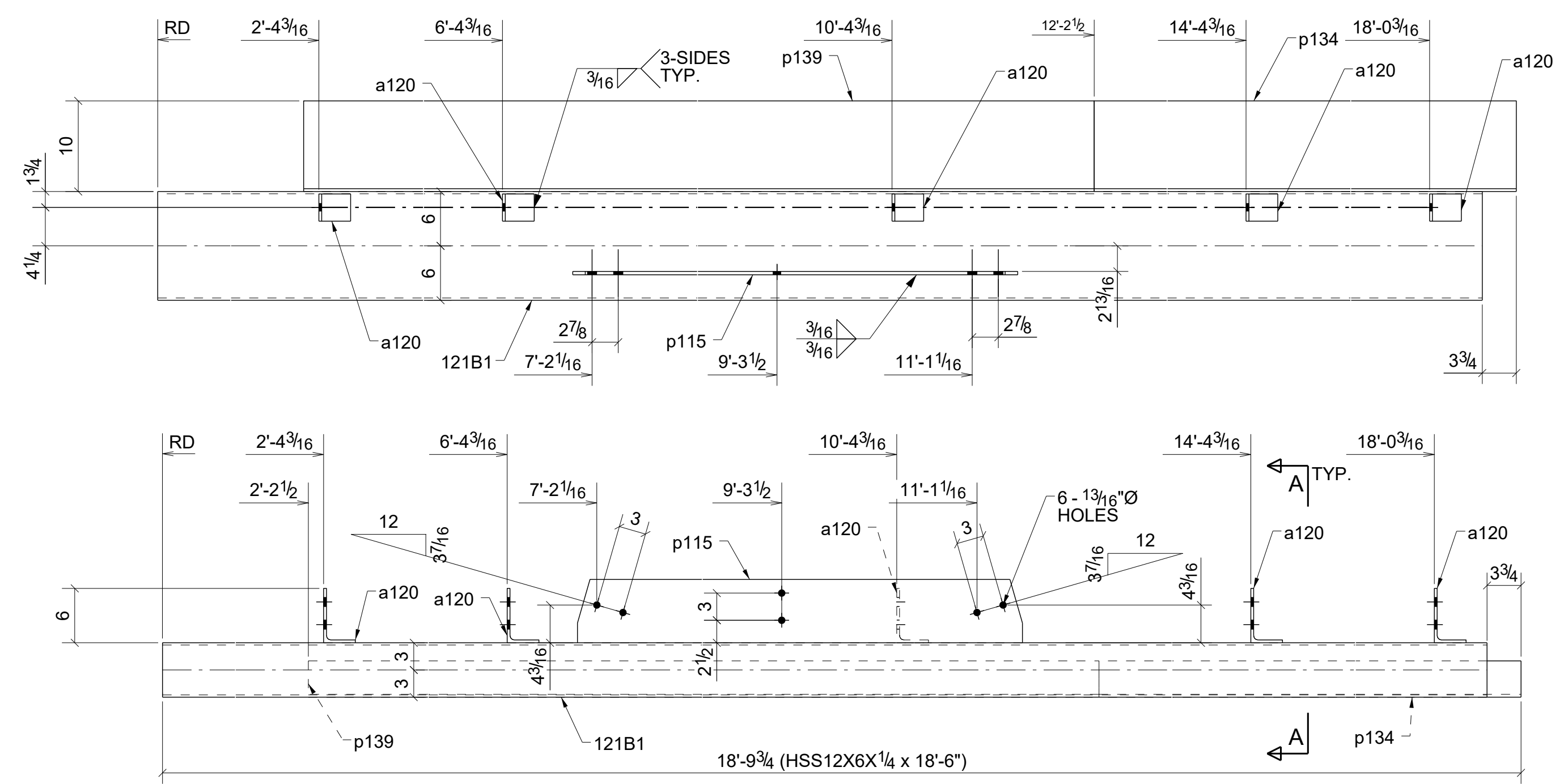
**2 - BEAMS - 120B3**



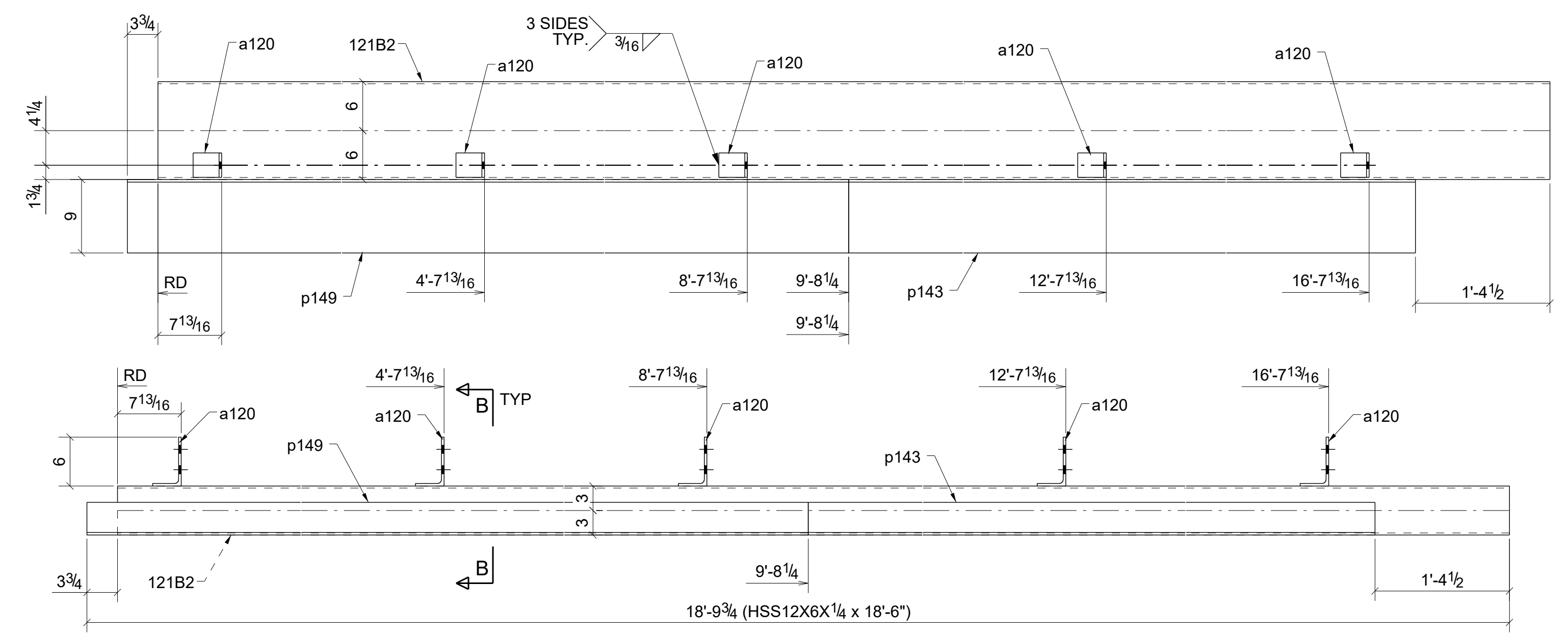
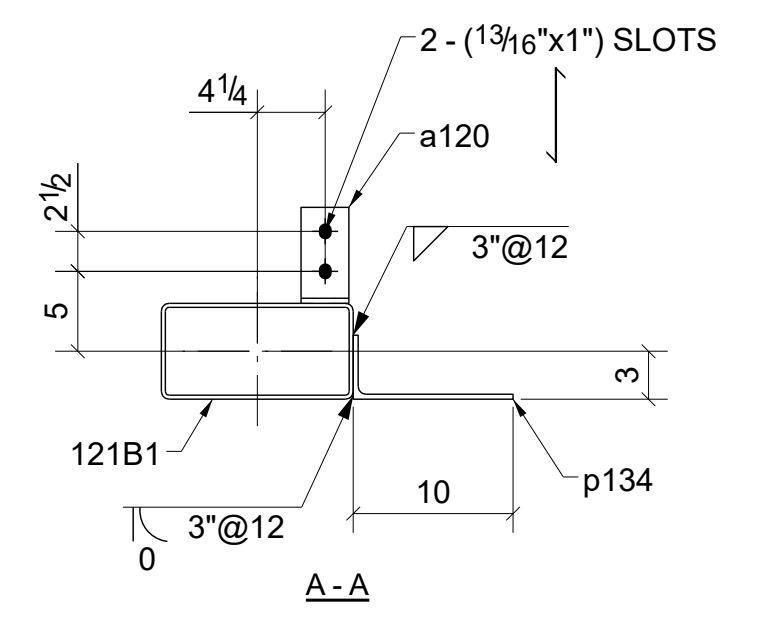
**BILL OF MATERIAL**

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2	120B1	2	HSS12X6X1/4	16'-0"		SQ-2 A500-GR.B
		8	L6X3-1/2X5/16	0'-3"	a121	A36
		2	PL3/8"X7 1/8"	4'-0 5/8"	p116	A36
		2	PL5/16X13"3/8	6'-7 1/2"	p135	A36
		2	PL5/16X13"3/8	10'-0"	p139	A36
1	120B2	1	HSS12X6X1/4	16'-0"		SQ-2 A500-GR.B
		1	L6X3-1/2X5/16	0'-3"	a120	A36
		3	L6X3-1/2X5/16	0'-3"	a121	A36
		1	PL3/8"X7 1/8"	4'-0 5/8"	p116	A36
		1	PL5/16X13"3/8	3'-11 1/4"	p138	A36
		1	PL5/16X13"3/8	10'-0"	p139	A36
2	120B3	2	HSS12X6X1/4	16'-0"		SQ-2 A500-GR.B
		8	L6X3-1/2X5/16	0'-3"	a120	A36
		2	PL3/8"X7 1/8"	4'-0 5/8"	p116	A36
		2	PL5/16X13"3/8	6'-7 1/2"	p135	A36
		2	PL5/16X13"3/8	10'-0"	p139	A36

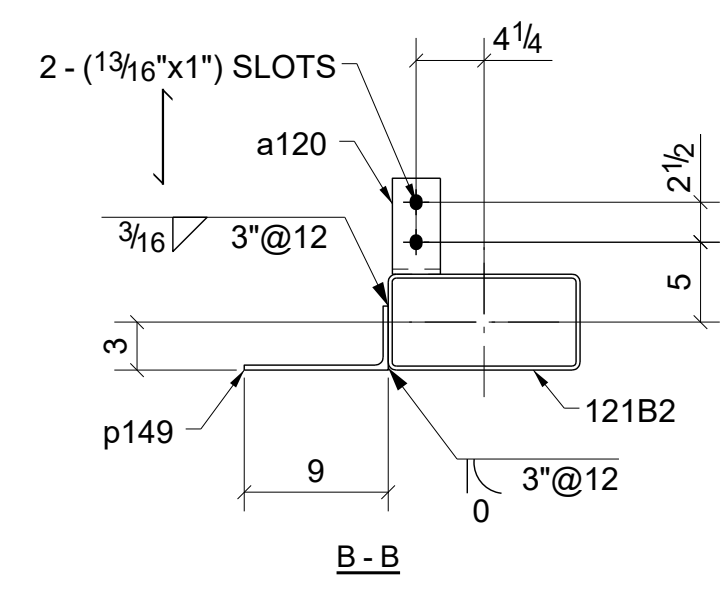
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.		
HOLES: 13/16 DIA. UN	CORNS: 3/4"Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP	
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)			APPROVAL	
DESCRIPTION: BEAMS				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.			DATE 01/27/2023	
CHKD. BY ABS			DATE 02/02/2023	
JOB No.			DRG. No. 120	
			REV. 0	



ONE - BEAM - 121B1



ONE - BEAM - 121B2



BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	121B1	1	HSS12X6X1/4	18'-6"		SQ-2 A500-GR.B
		5	L6X3-1/2X5/16	0'-3"	a120	A36
		1	PL3/8"X7"	4'-6 1/8"	p115	A36
		1	PL5/16X13"3/8	6'-7 1/4"	p134	A36
		1	PL5/16X13"3/8	10'-0"	p139	A36
1	121B2	1	HSS12X6X1/4	18'-6"		SQ-2 A500-GR.B
		5	L6X3-1/2X5/16	0'-3"	a120	A36
		1	PL5/16X12"3/8	7'-5 1/4"	p143	A36
		1	PL5/16X12"3/8	10'-0"	p149	A36

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

**GENERAL NOTES**

MATERIAL: A36  
ELECTRODES: E70XX  
Holes: 13/16 DIA. UN  
CONNS: 3/4"Ø HIGH TENSILE  
SURFACE PREP:  
AND PAINT:  
SSPC-SP3  
GREY PRIMER (U.N.O.)

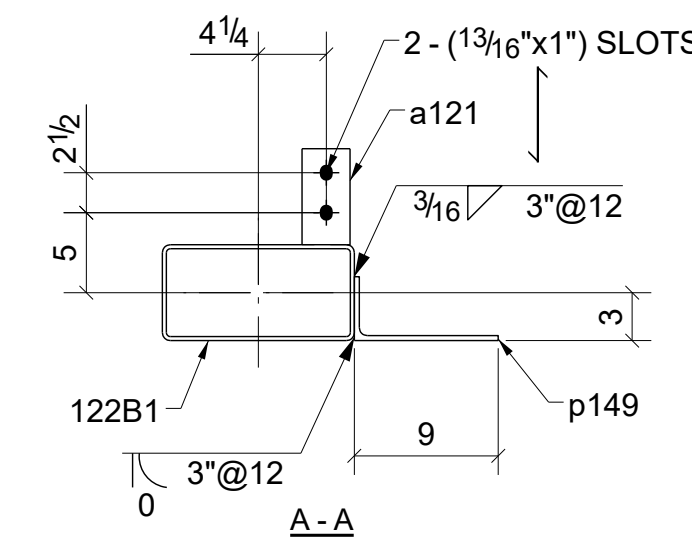
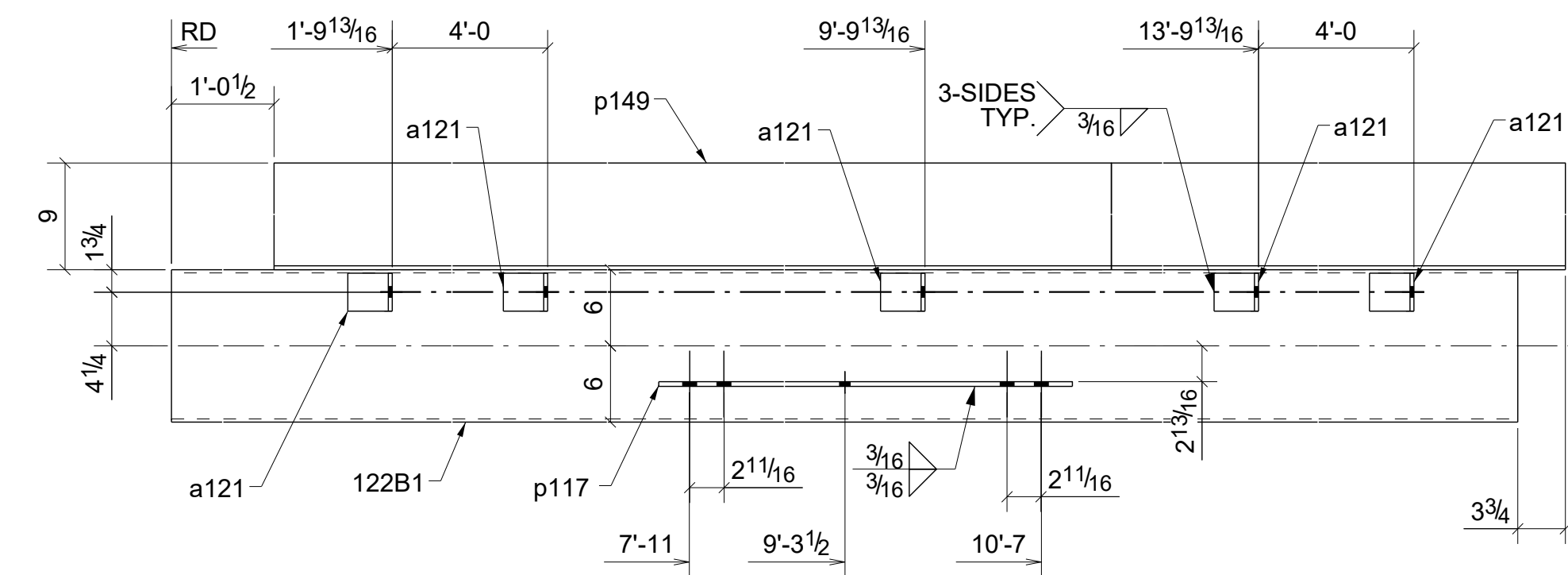
DESCRIPTION: BEAMS  
PROJECT NAME: Crooks & Big Beaver Retail Building A & B  
LOCATION: Big Beaver, Troy, Michigan  
CONTRACTOR:

REF. DRG. E102 - E112

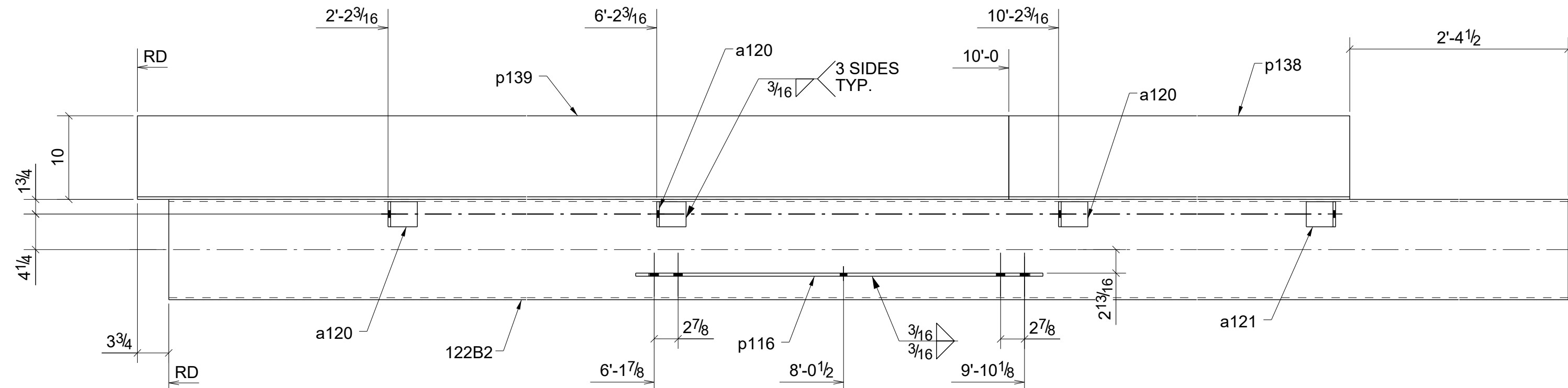
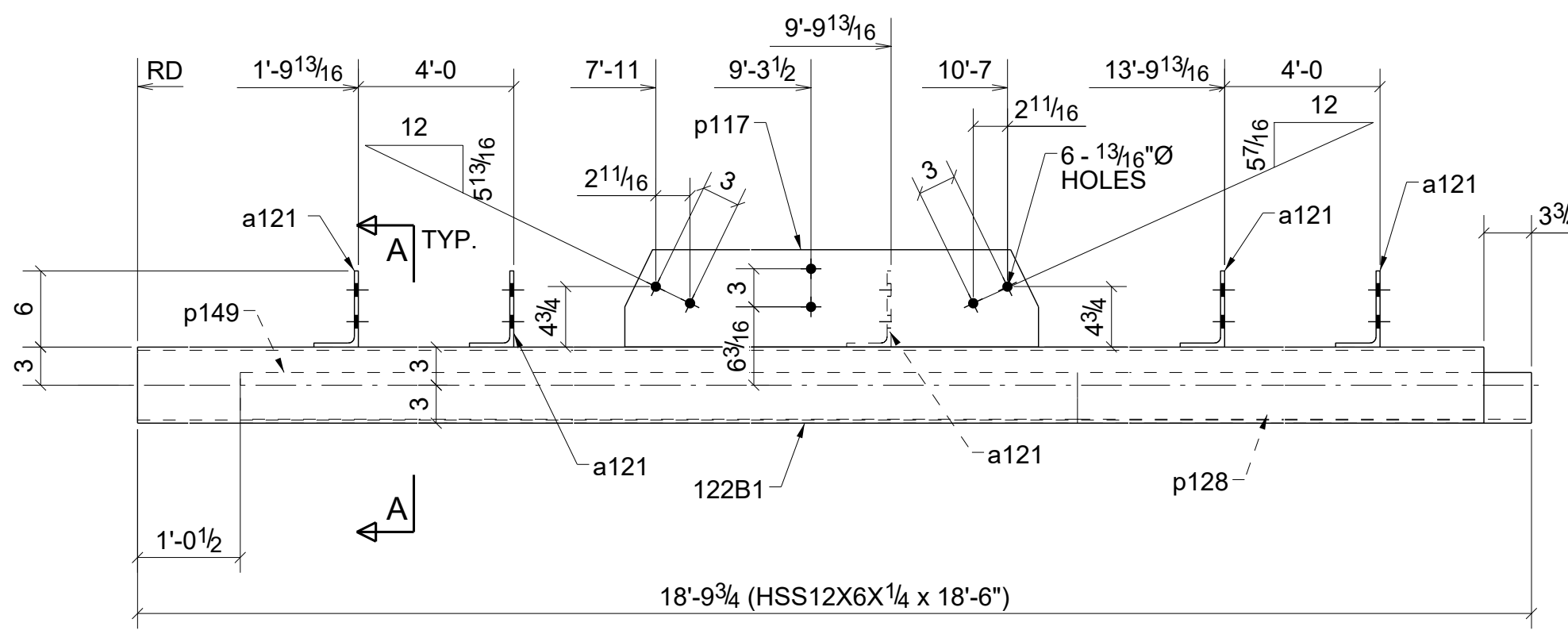
JOB USE: SHOP

APPROVAL:

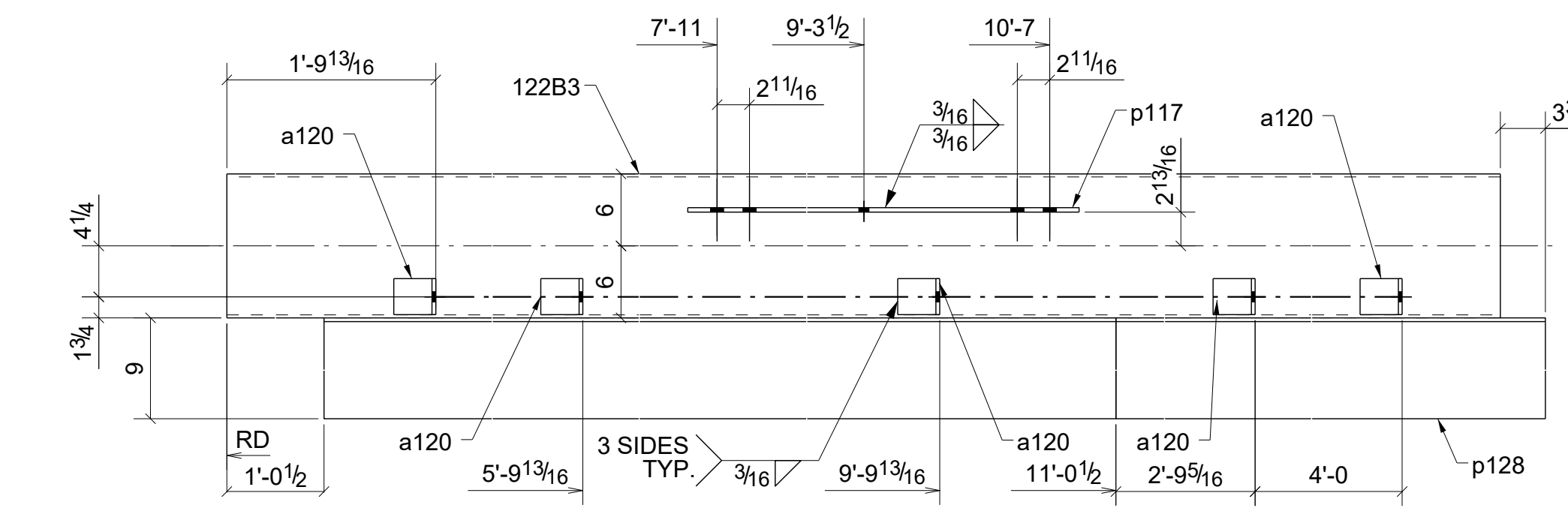
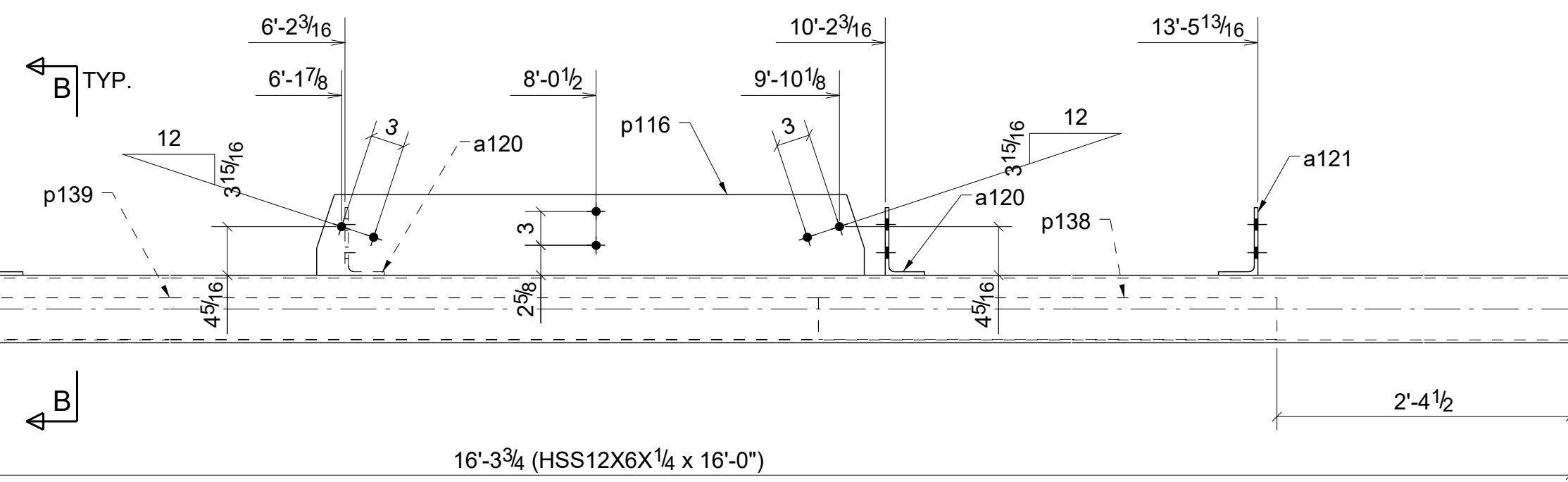
DRAWN BY	DATE	
R. K.	01/27/2023	
CHKD. BY	DATE	
ABS	02/02/2023	
JOB No.	DRG. No.	REV.
	121	0



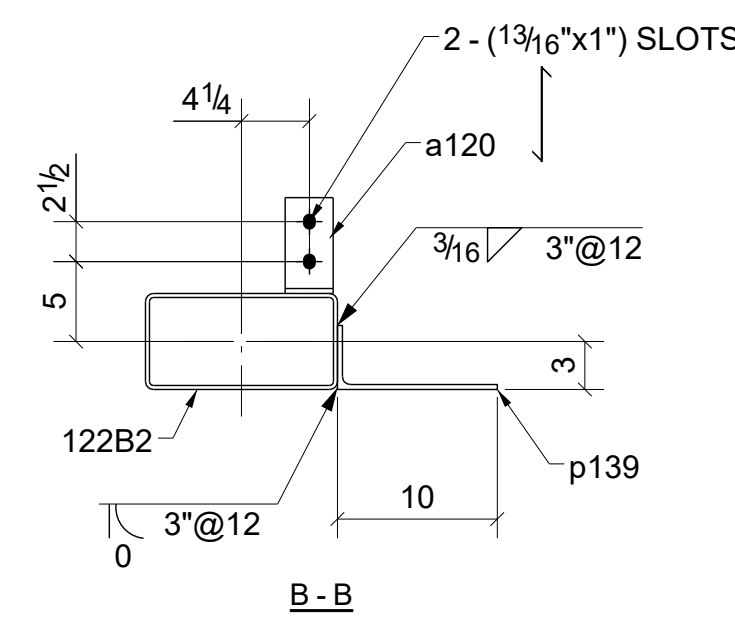
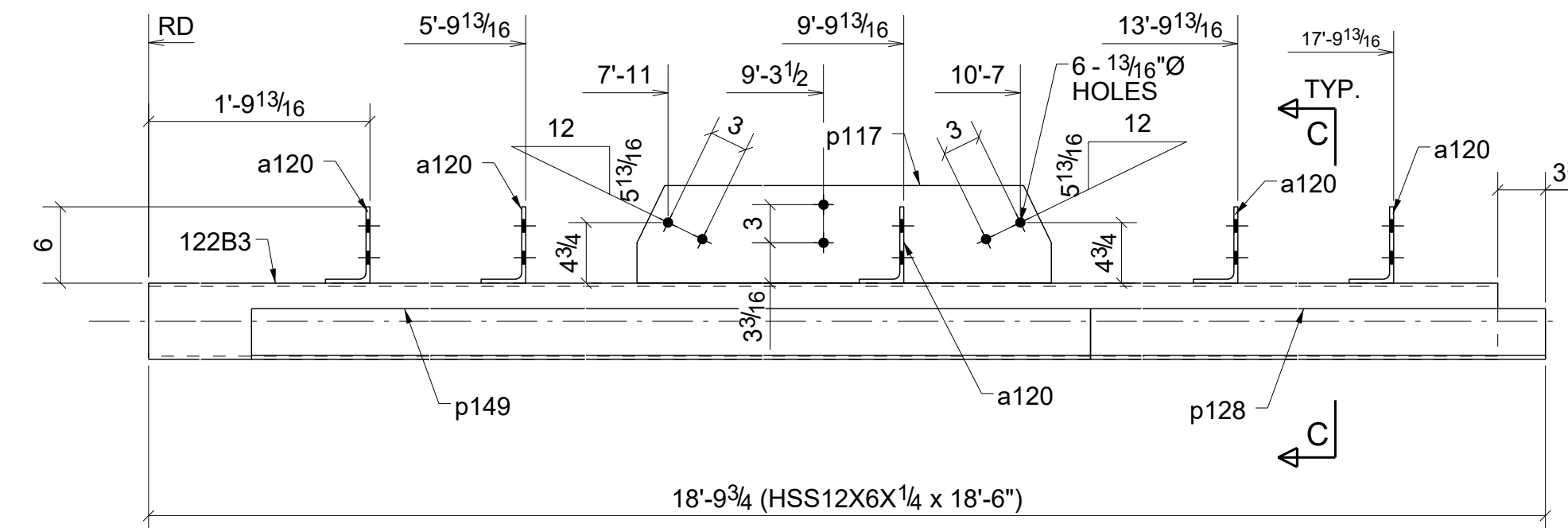
ONE - BEAM - 122B1



ONE - BEAM - 122B2

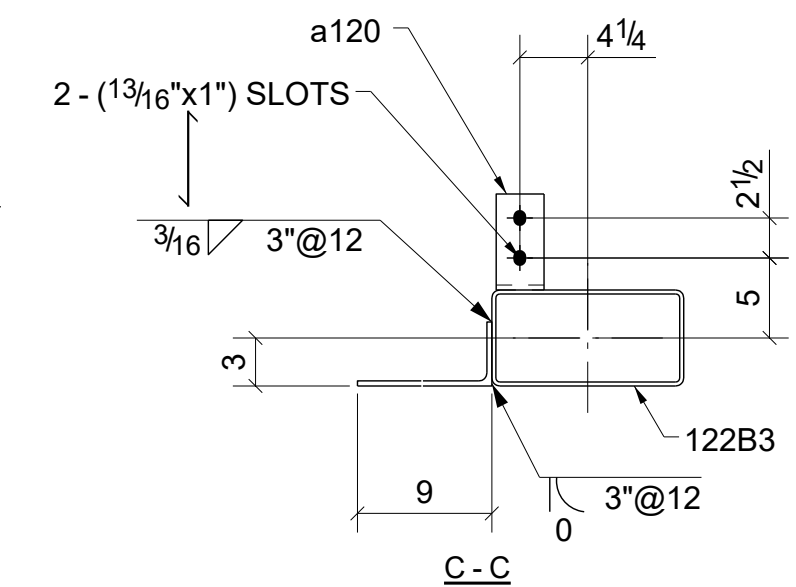


ONE - BEAM - 122B3



BILL OF MATERIAL

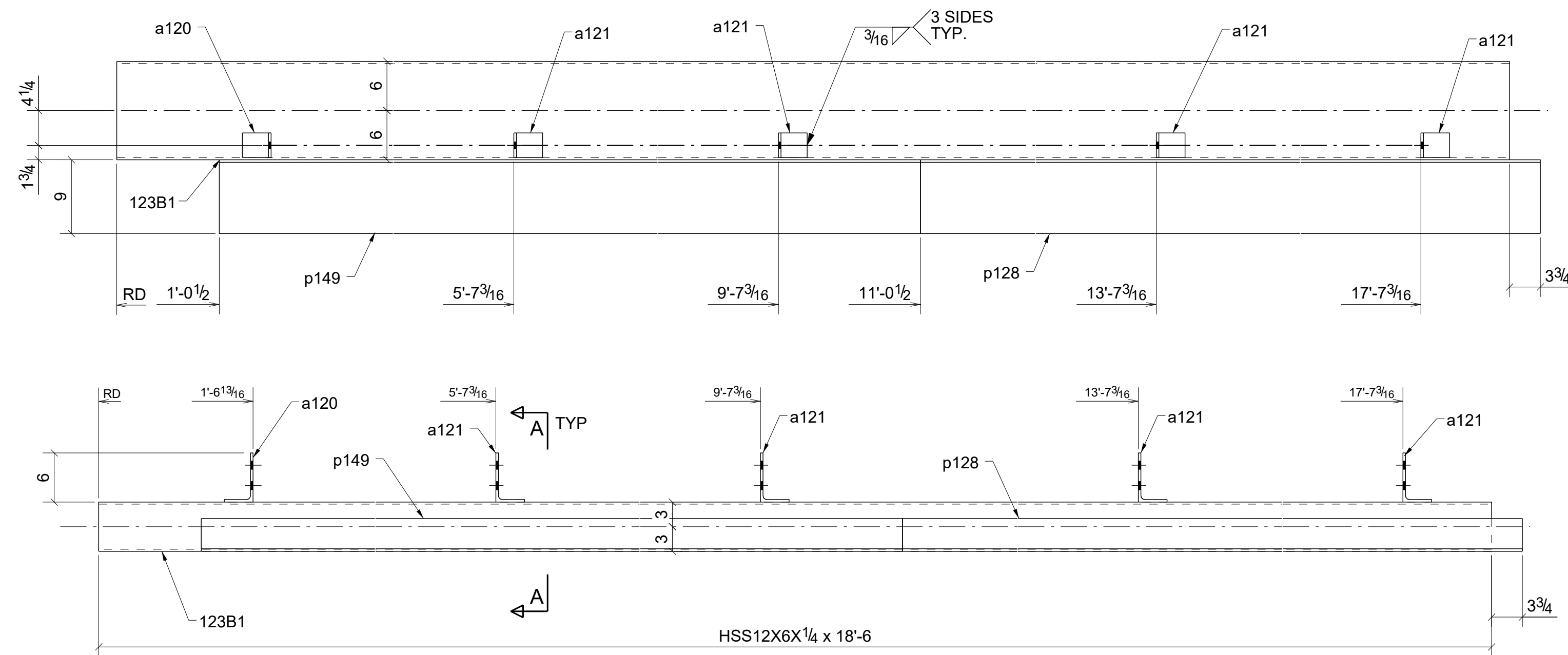
SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	122B1	1	HSS12X6X1/4	18'-6"	SQ-2 A500-GR.B
		5	L6X3-1/2X5/16	0'-3"	a121 A36
		1	PL3/8"X7 11/16"	3'-0 7/8"	p117 A36
		1	PL5/16X12"3/8	7'-9 1/4"	p128 A36
		1	PL5/16X12"3/8	10'-0"	p149 A36
1	122B2	1	HSS12X6X1/4	16'-0"	SQ-2 A500-GR.B
		3	L6X3-1/2X5/16	0'-3"	a120 A36
		1	L6X3-1/2X5/16	0'-3"	a121 A36
		1	PL3/8"X7 1/8"	4'-0 5/8"	p116 A36
		1	PL5/16X13"3/8	3'-11 1/4"	p138 A36
		1	PL5/16X13"3/8	10'-0"	p139 A36
1	122B3	1	HSS12X6X1/4	18'-6"	SQ-2 A500-GR.B
		5	L6X3-1/2X5/16	0'-3"	a120 A36
		1	PL3/8"X7 11/16"	3'-0 7/8"	p117 A36
		1	PL5/16X12"3/8	7'-9 1/4"	p128 A36
		1	PL5/16X12"3/8	10'-0"	p149 A36



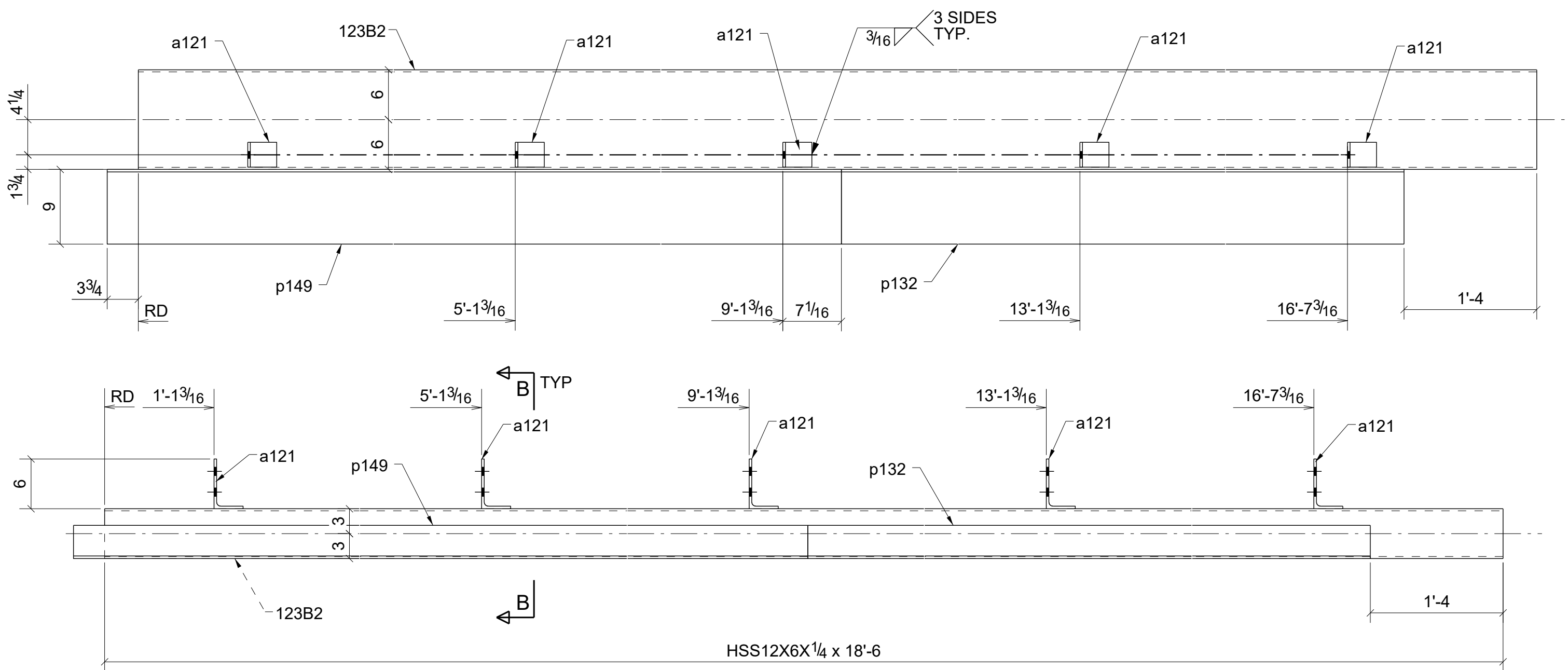
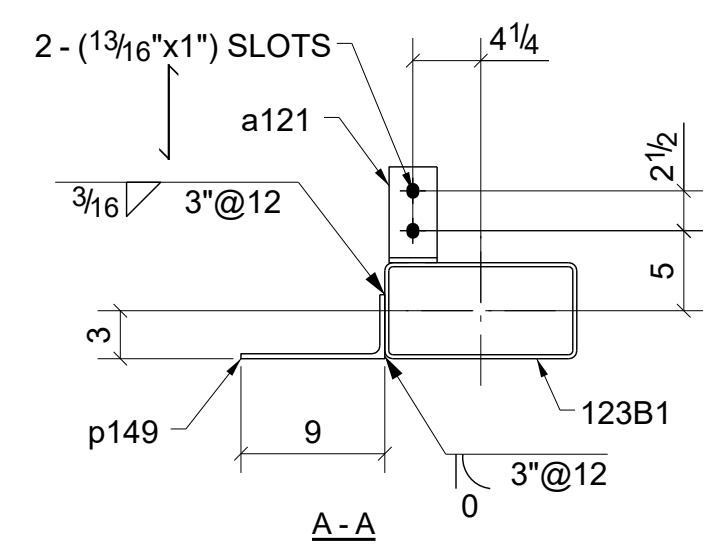
REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

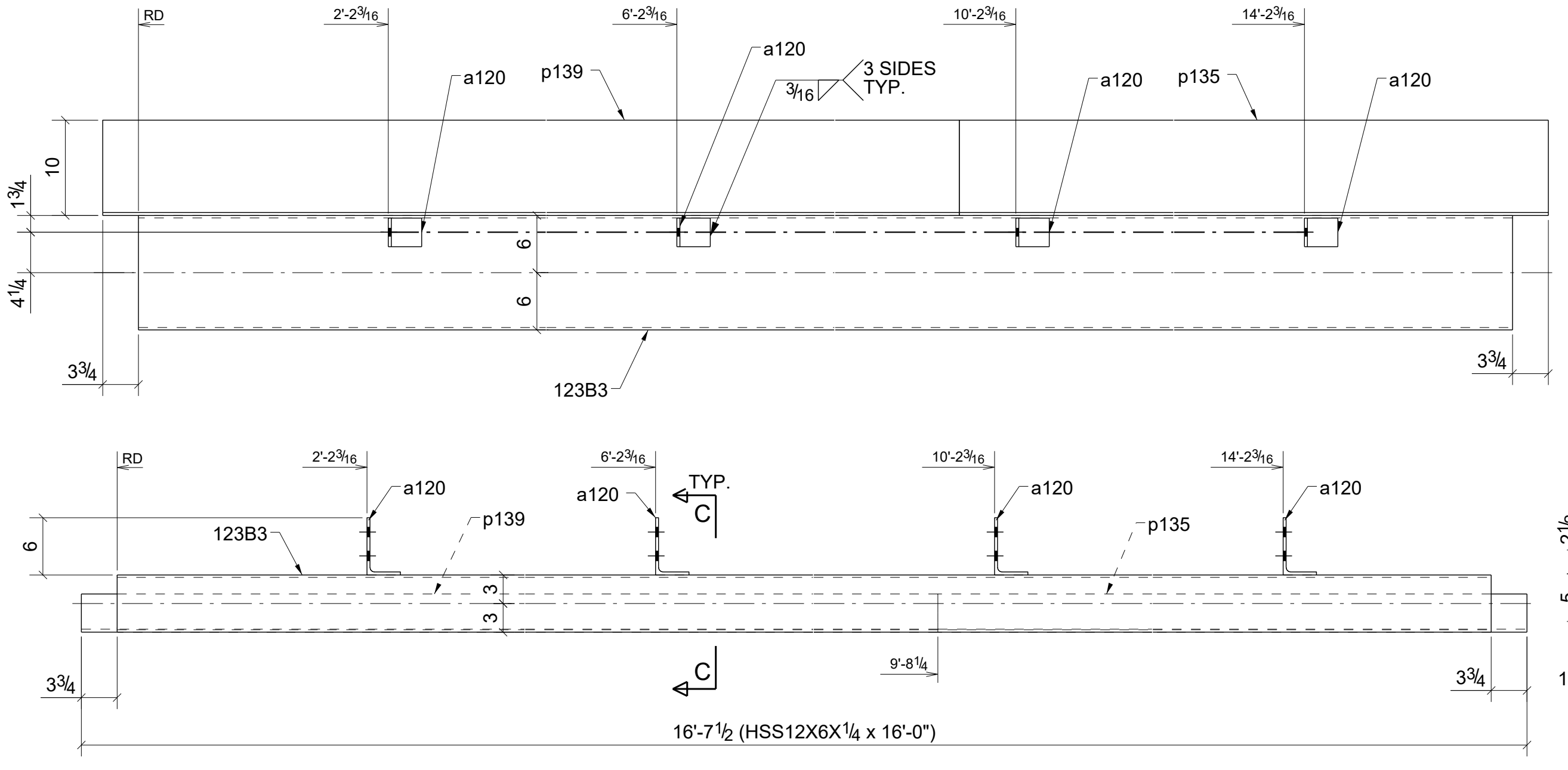
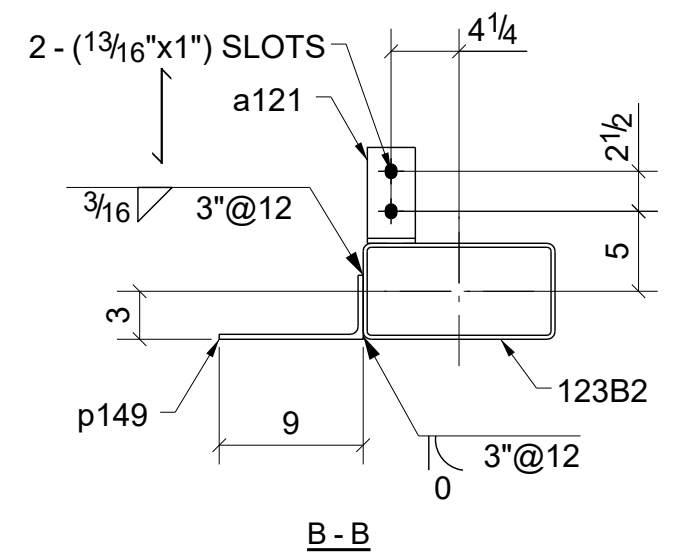
GENERAL NOTES		JOB USE	
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	E102 - E112
HOLES: 13/16 DIA. U/N	CONN'S: 3/4"Ø HIGH TENSILE	SHOP	
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)		APPROVAL	
DESCRIPTION: BEAMS			
PROJECT NAME Crooks & Big Beaver Retail Building A & B			
LOCATION Big Beaver, Troy, Michigan			
CONTRACTOR			
DRAWN BY R. K.		DATE 01/27/2023	
CHKD. BY ABS		DATE 02/02/2023	
JOB No.	DRG. No.	REV.	
122	122	0	



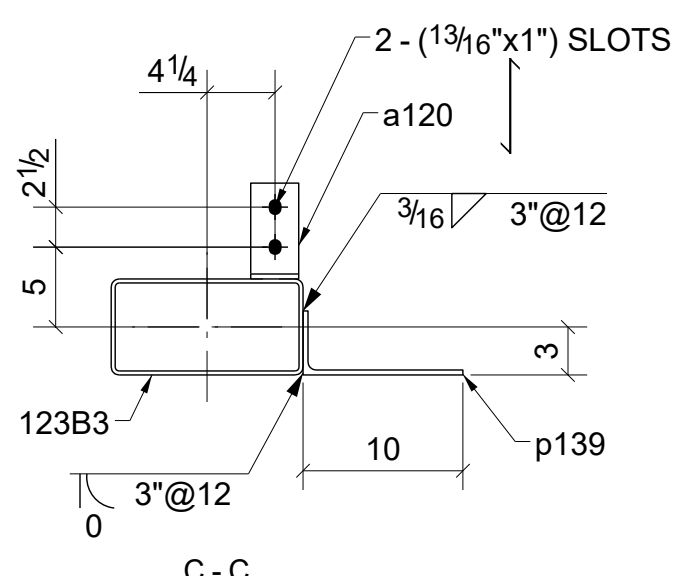
ONE - BEAM - 123B1



ONE - BEAM - 123B2



ONE - BEAM - 123B3



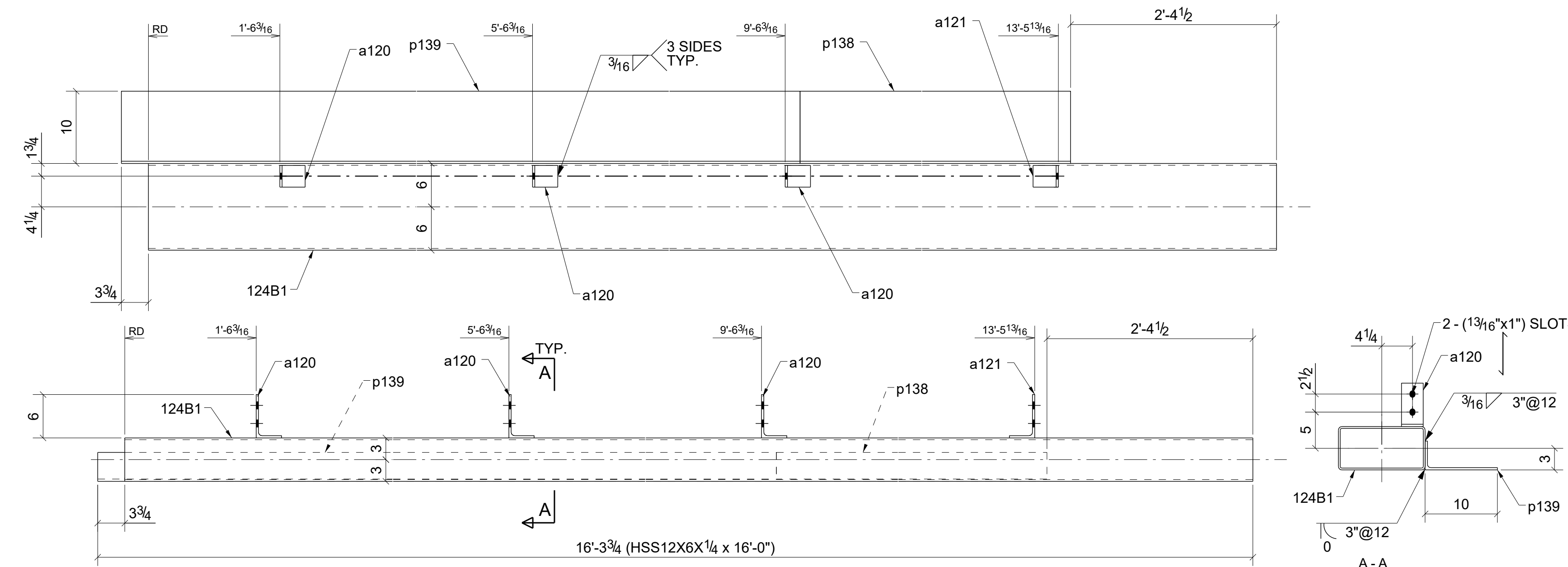
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	123B1	1	HSS12X6X1/4	18'-6"		SQ-2 A500-GR.B
		1	L6X3-1/2X5/16	0'-3"	a120	A36
		4	L6X3-1/2X5/16	0'-3"	a121	A36
		1	PL5/16X12*3/8	7'-9 1/4"	p128	A36
		1	PL5/16X12*3/8	10'-0"	p149	A36
1	123B2	1	HSS12X6X1/4	18'-6"		SQ-2 A500-GR.B
		5	L6X3-1/2X5/16	0'-3"	a121	A36
		1	PL5/16X12*3/8	7'-5 3/4"	p132	A36
		1	PL5/16X12*3/8	10'-0"	p149	A36
1	123B3	1	HSS12X6X1/4	16'-0"		SQ-2 A500-GR.B
		4	L6X3-1/2X5/16	0'-3"	a120	A36
		1	PL5/16X13*3/8	6'-7 1/2"	p135	A36
		1	PL5/16X13*3/8	10'-0"	p139	A36

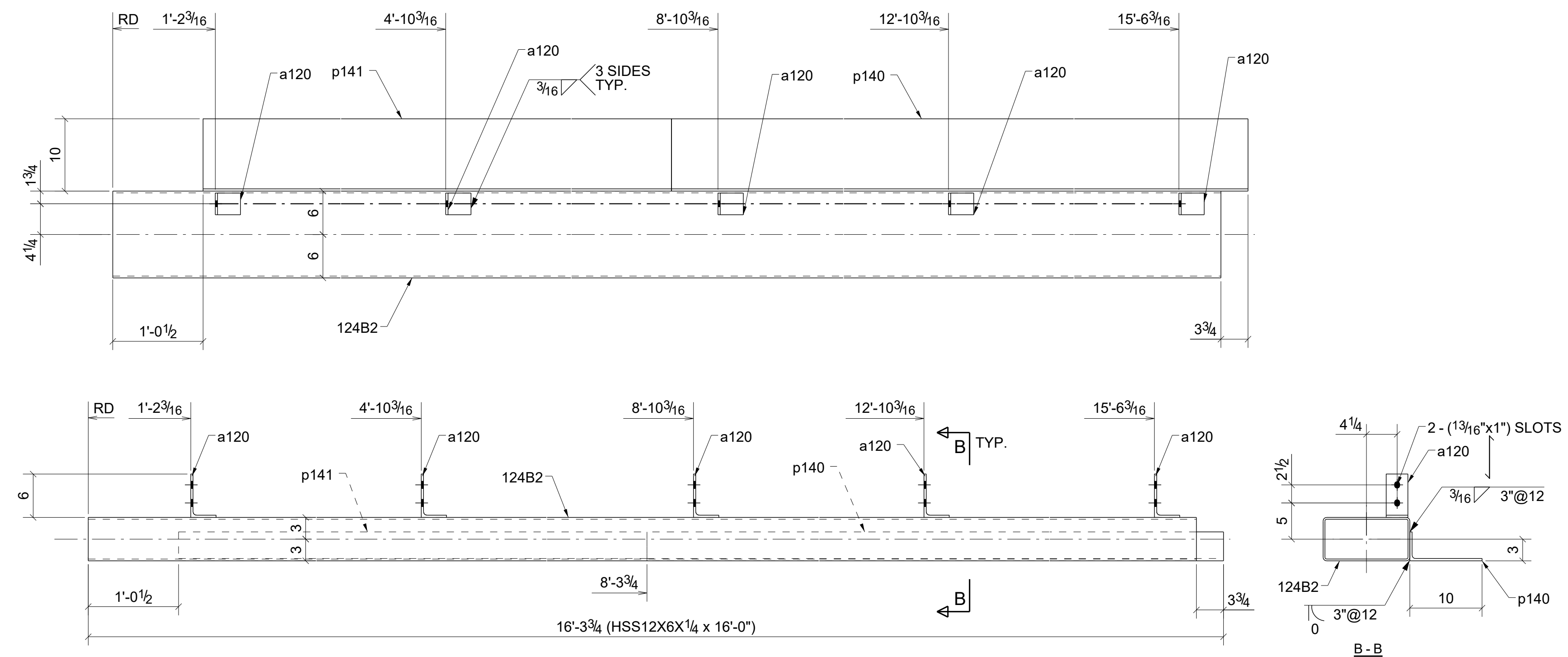
REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

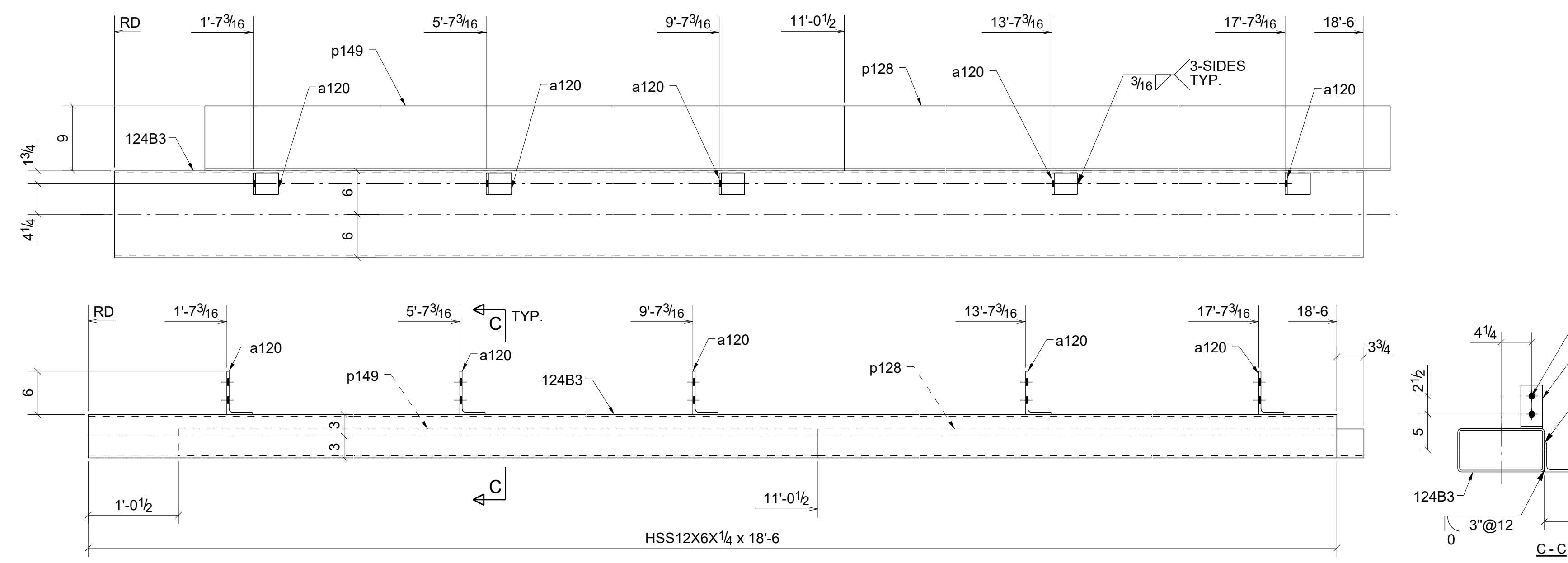
GENERAL NOTES			JOB USE
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	E102 - E112
HOLES: 13/16 DIA. UN	CONNS: 3/4"Ø HIGH TENSILE		
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)			APPROVAL
DESCRIPTION: BEAMS			
PROJECT NAME Crooks & Big Beaver Retail Building A & B			
LOCATION Big Beaver, Troy, Michigan			
CONTRACTOR			
DRAWN BY R. K.		DATE 01/27/2023	
CHKD. BY ABS		DATE 02/02/2023	
JOB No.		DRG. No. 123	
		REV. 0	



ONE - BEAM - 124B1



ONE - BEAM - 124B2

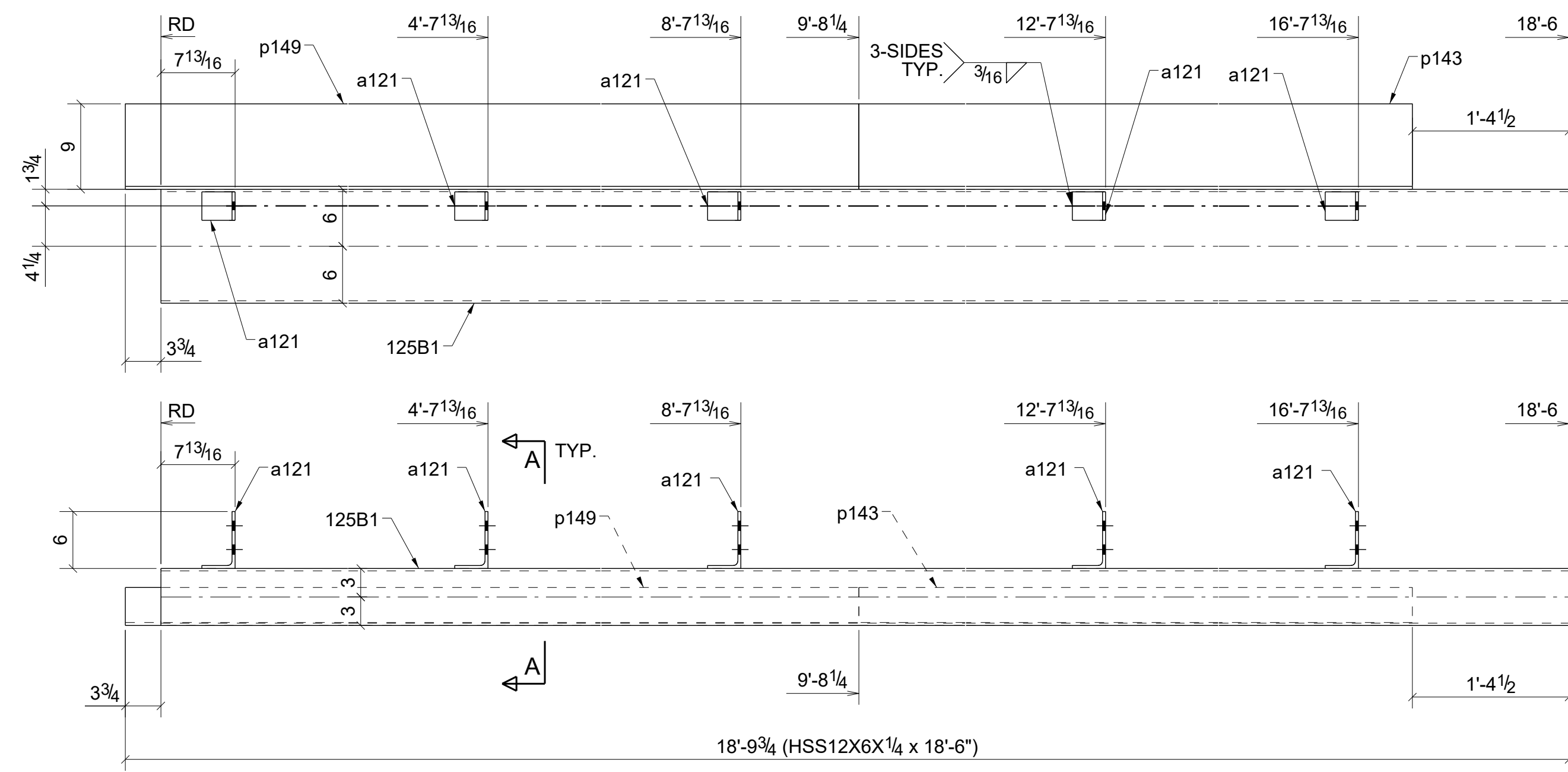


ONE - BEAM - 124B3

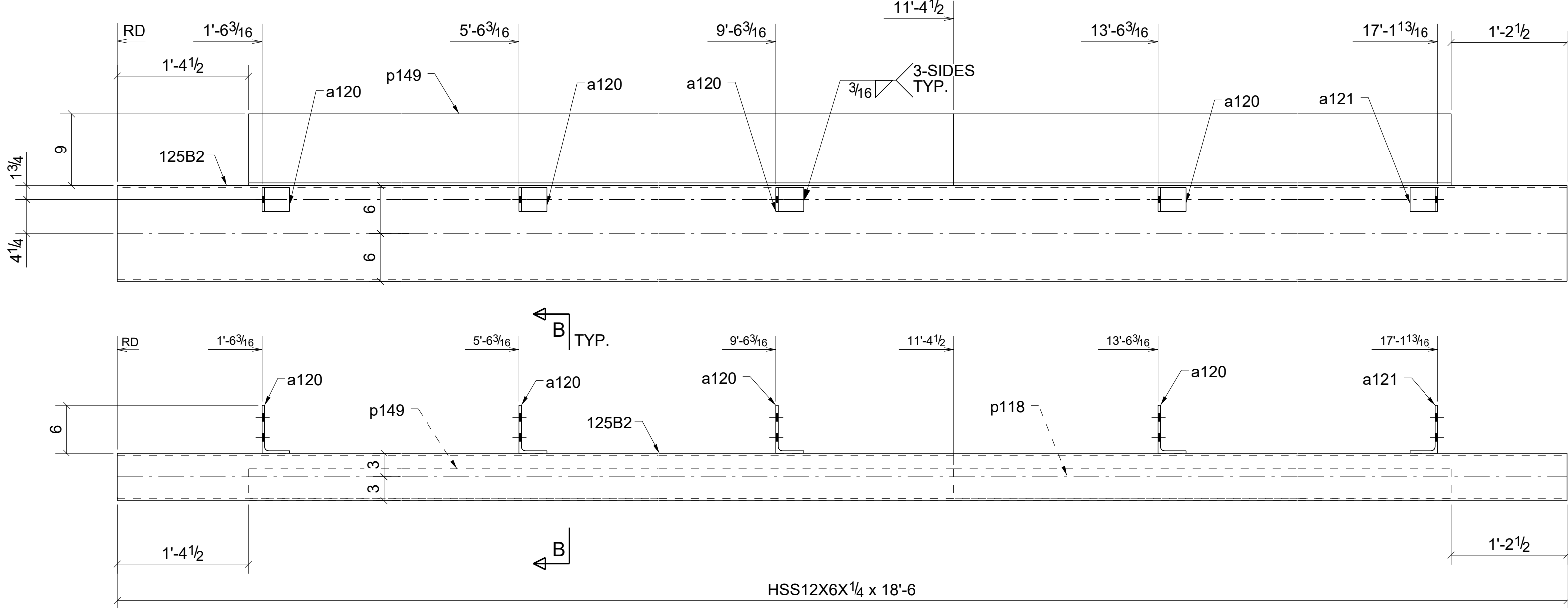
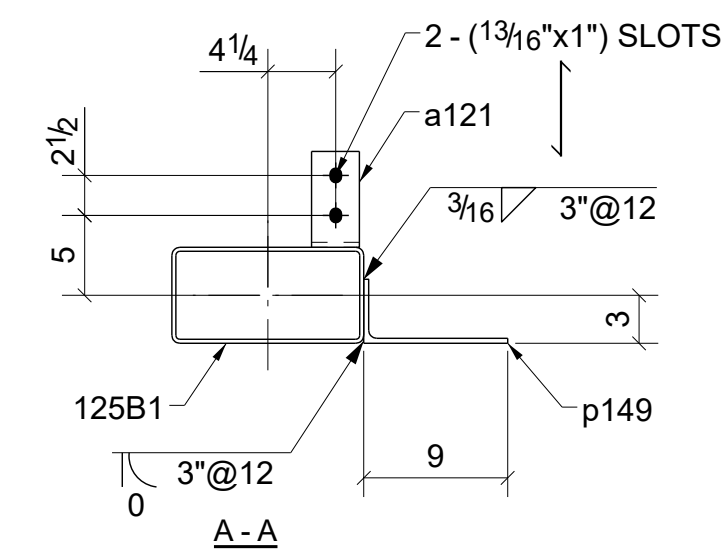
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	124B1	1	HSS12X6X1/4	16'-0"		SQ-2 A500-GR.B
		3	L6X3-1/2X5/16	0'-3"	a120	A36
		1	L6X3-1/2X5/16	0'-3"	a121	A36
		1	PL5/16X13"3/8	3'-11 1/4"	p138	A36
		1	PL5/16X13"3/8	10'-0"	p139	A36
1	124B2	1	HSS12X6X1/4	16'-0"		SQ-2 A500-GR.B
		5	L6X3-1/2X5/16	0'-3"	a120	A36
		1	PL5/16X13"3/8	8'-0"	p140	A36
		1	PL5/16X13"3/8	7'-3 1/4"	p141	A36
1	124B3	1	HSS12X6X1/4	18'-6"		SQ-2 A500-GR.B
		5	L6X3-1/2X5/16	0'-3"	a120	A36
		1	PL5/16X12"3/8	7'-9 1/4"	p128	A36
		1	PL5/16X12"3/8	10'-0"	p149	A36

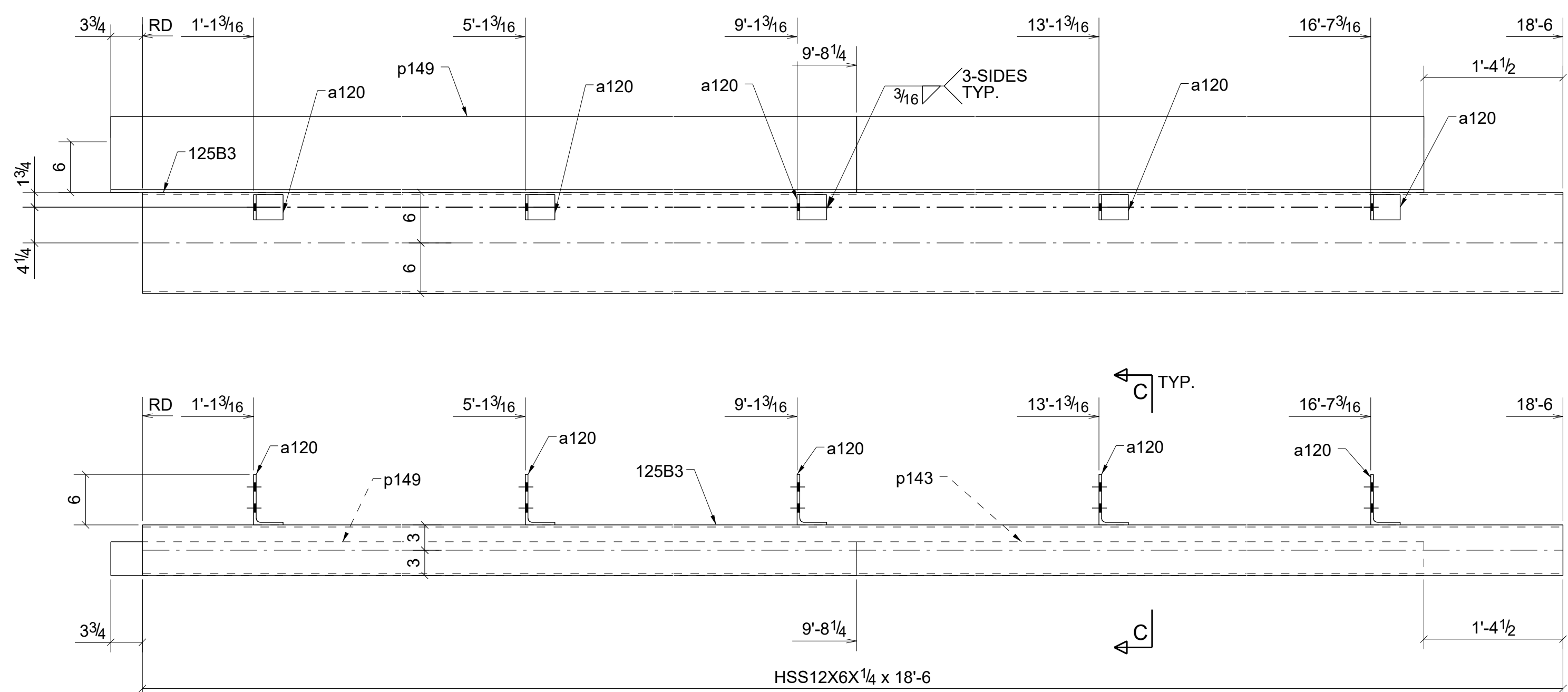
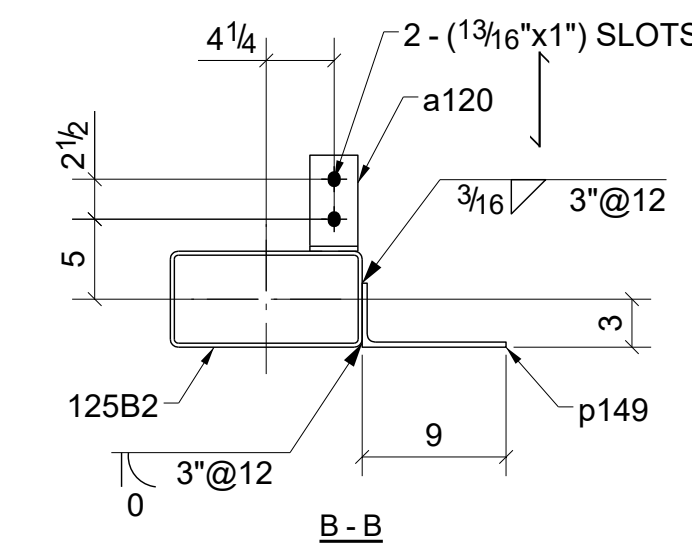
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				JOB USE
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	<b>E102 - E112</b>	
HOLES: 13/16 DIA. UN	CONNVS: 3/4"Ø HIGH TENSILE			
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)			APPROVAL	
DESCRIPTION: BEAMS				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.			DATE 01/27/2023	
CHKD. BY ABS			DATE 02/02/2023	
JOB No.			DRG. No. 124	
			REV. 0	



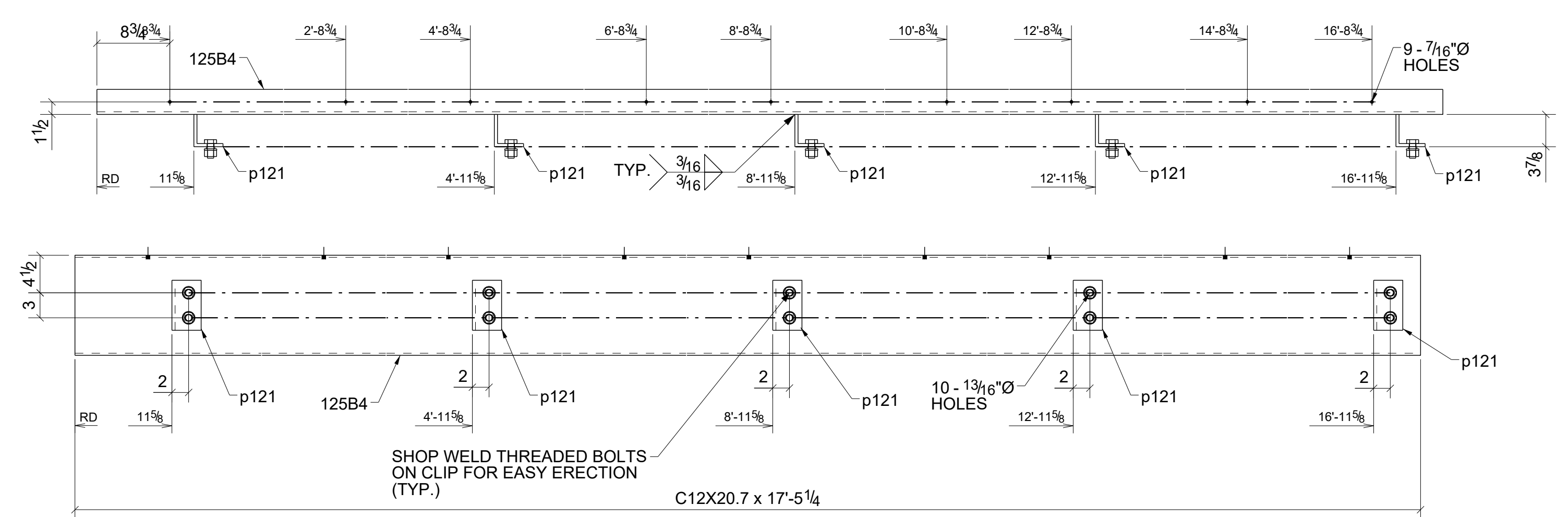
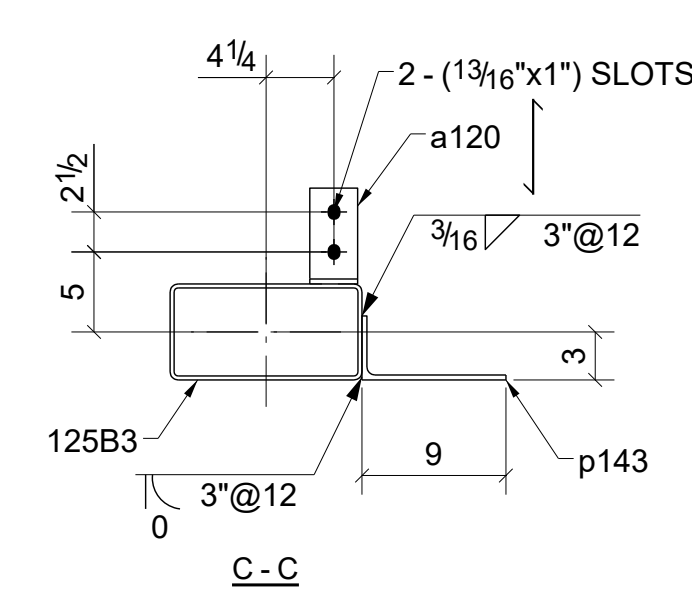
ONE - BEAM - 125B1



ONE - BEAM - 125B2



ONE - BEAM - 125B3



ONE - BEAM - 125B4

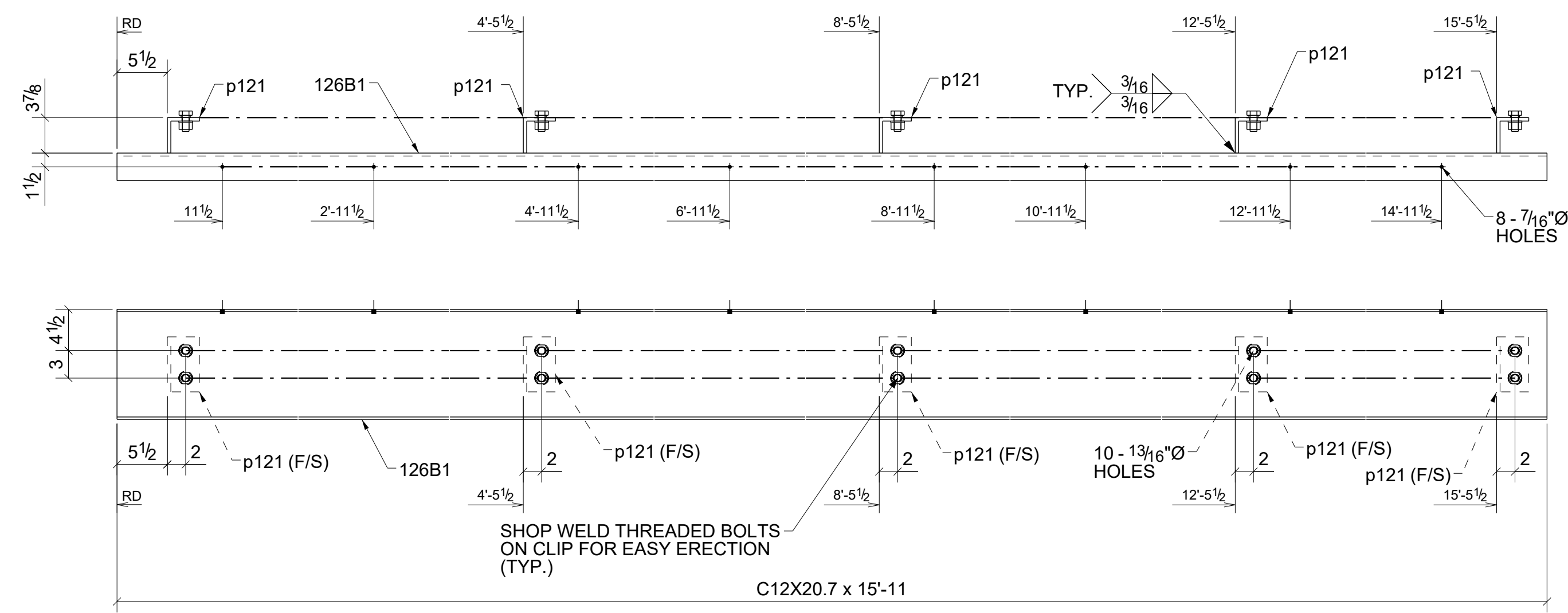
BILL OF MATERIAL						
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	125B1	1	HSS12X6X1/4	18'-6"		SQ-2 A500-GR.B
		5	L6X3-1/2X5/16	0'-3"	a121	A36
		1	PL5/16X12*3/8	7'-5 1/4"	p143	A36
		1	PL5/16X12*3/8	10'-0"	p149	A36
1	125B2	1	HSS12X6X1/4	18'-6"		SQ-2 A500-GR.B
		4	L6X3-1/2X5/16	0'-3"	a120	A36
		1	L6X3-1/2X5/16	0'-3"	a121	A36
		1	PL5/16X12*3/8	5'-11"	p118	A36
		1	PL5/16X12*3/8	10'-0"	p149	A36
1	125B3	1	HSS12X6X1/4	18'-6"		SQ-2 A500-GR.B
		5	L6X3-1/2X5/16	0'-3"	a120	A36
		1	PL5/16X12*3/8	7'-5 1/4"	p143	A36
		1	PL5/16X12*3/8	10'-0"	p149	A36
1	125B4	1	C12X20.7	17'-5 1/4"		SQ-2 A36
		5	FL3/8"x6"	0'-6 5/8"	p121	A36

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

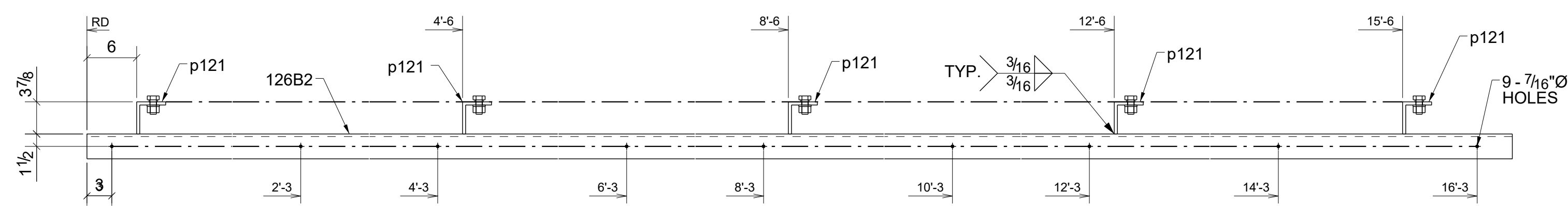
  

GENERAL NOTES				JOB USE	
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.			
HOLES: 13/16 DIA. UN	CONN'S: 3/4"Ø HIGH TENSILE	<b>E102 - E112</b>		SHOP	
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)				APPROVAL	
DESCRIPTION: BEAMS					
PROJECT NAME Crooks & Big Beaver Retail Building A & B					
LOCATION Big Beaver, Troy, Michigan					
CONTRACTOR					
DRAWN BY R. K.				DATE 01/27/2023	
CHKD. BY ABS				DATE 02/02/2023	
JOB No. 125				DRG. No. 125	
				REV. 0	

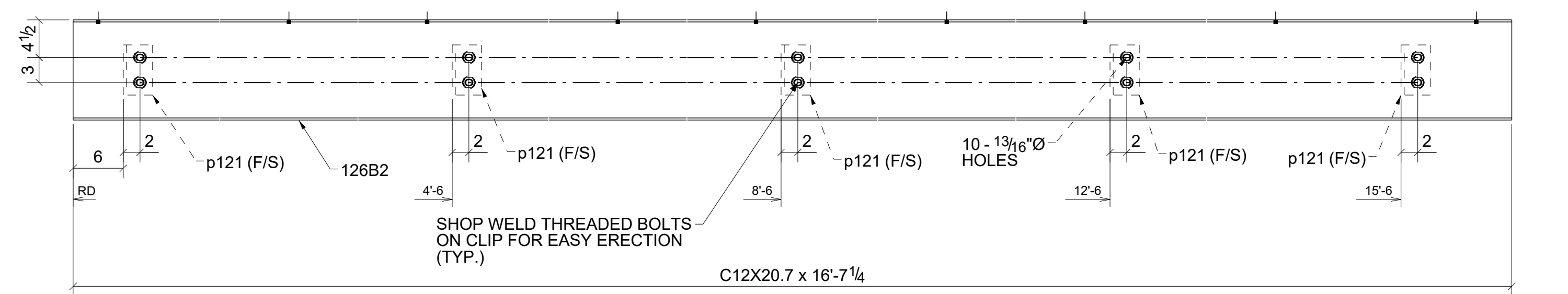




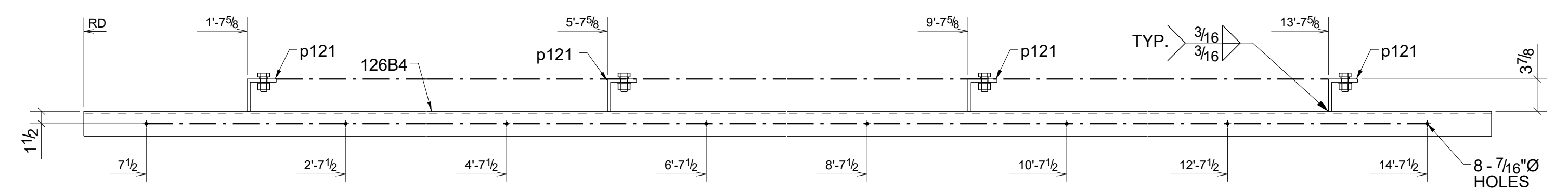
ONE - BEAM - 126B1



ONE - BEAM - 126B2



ONE - BEAM - 126B3



ONE - BEAM - 126B4

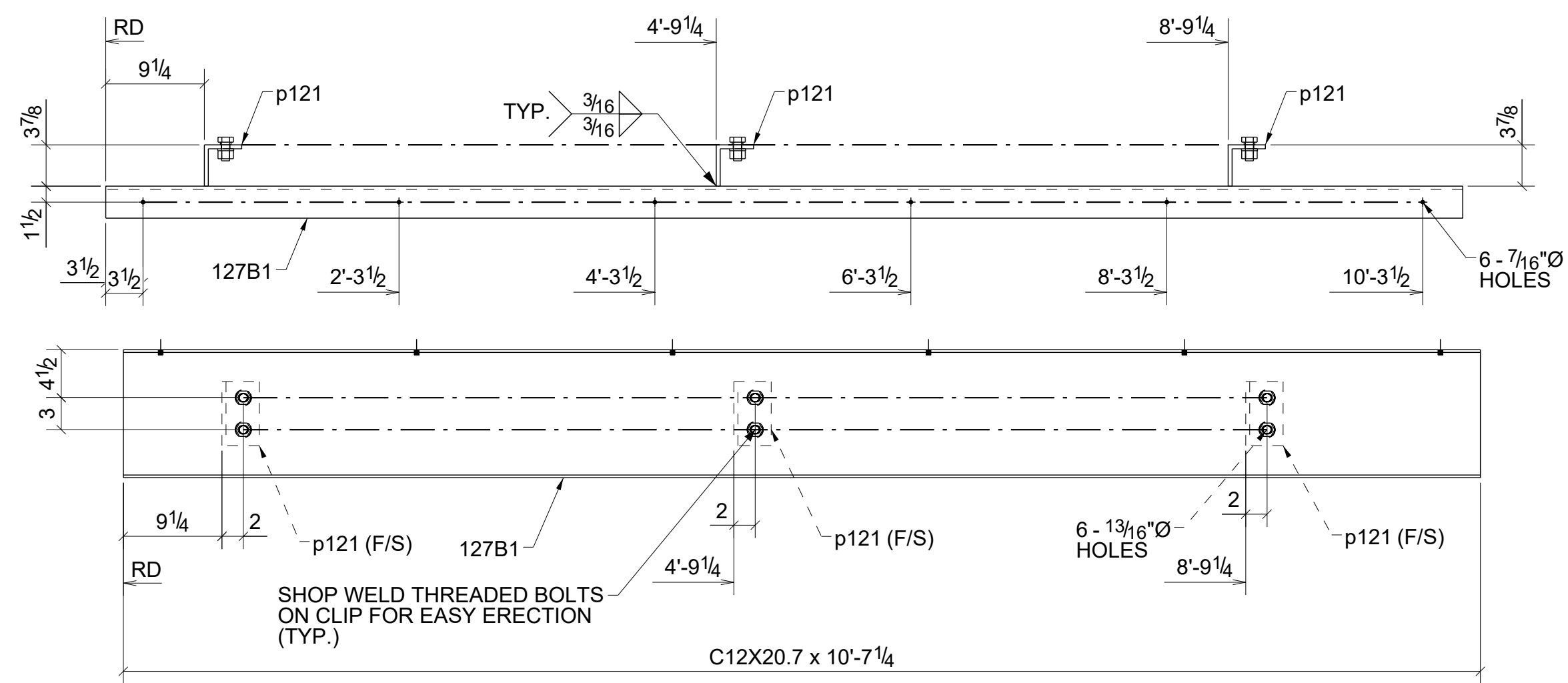
BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	126B1	1 C12X20.7	15'-11"		SQ-2 A36
	5	FL3/8"X6"	0'-6 5/8"	p121	A36
1	126B2	1 C12X20.7	16'-7 1/4"		SQ-2 A36
	5	FL3/8"X6"	0'-6 5/8"	p121	A36
1	126B3	1 C12X20.7	16'-7 1/2"		SQ-2 A36
	5	FL3/8"X6"	0'-6 5/8"	p121	A36
1	126B4	1 C12X20.7	15'-3 1/4"		SQ-2 A36
	4	FL3/8"X6"	0'-6 5/8"	p121	A36

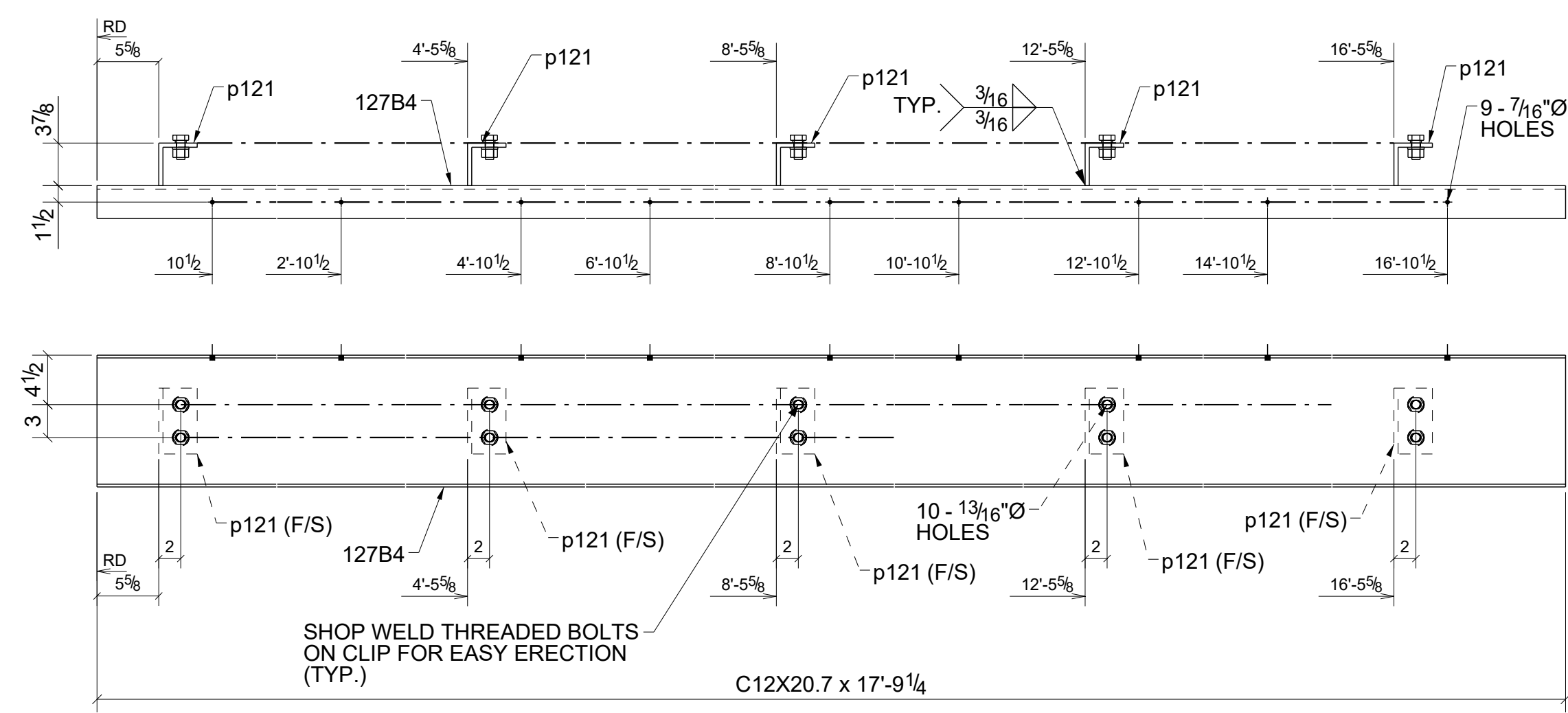
REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

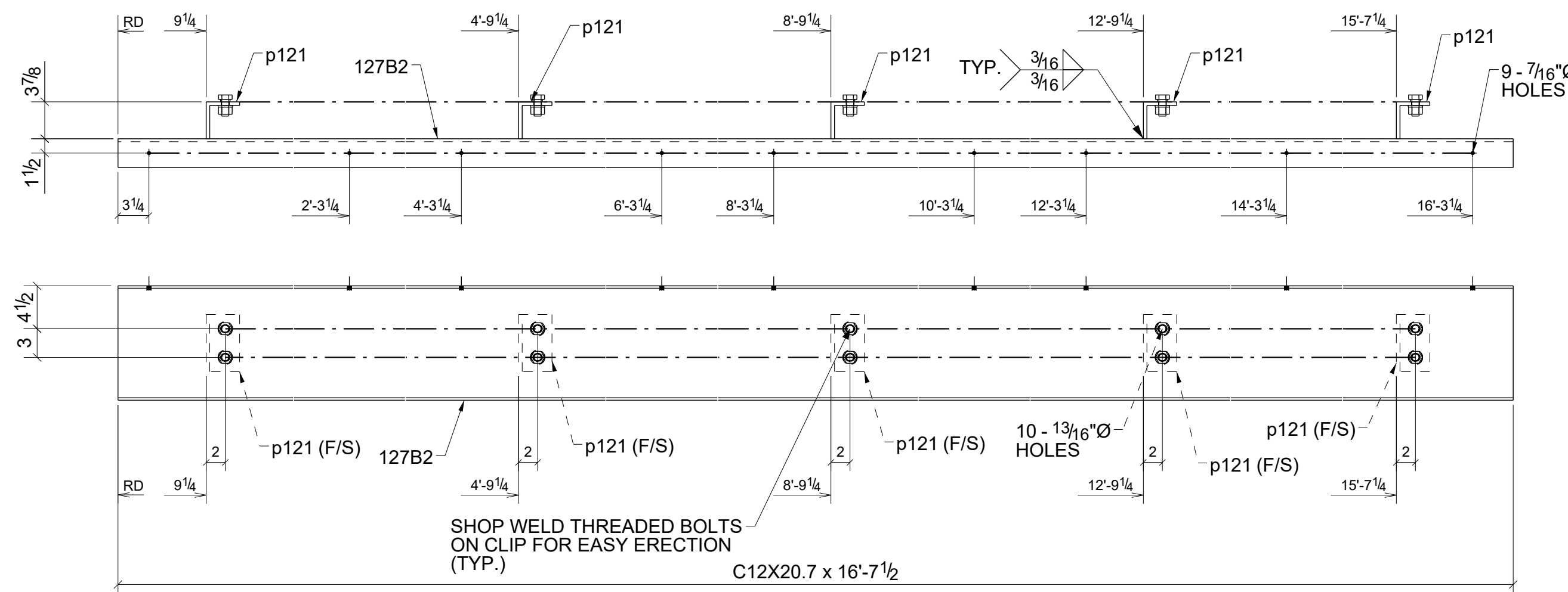
GENERAL NOTES		JOB USE
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG. E102 - E112
HOLES: 13/16 DIA. UN	CONN'S: 3/4"Ø HIGH TENSILE	SHOP
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)		APPROVAL
DESCRIPTION: BEAMS		
PROJECT NAME Crooks & Big Beaver Retail Building A & B		
LOCATION Big Beaver, Troy, Michigan		
CONTRACTOR		
DRAWN BY R. K.	DATE 01/27/2023	
CHKD. BY ABS	DATE 02/02/2023	
JOB No.	DRG. No. 126	REV. 0



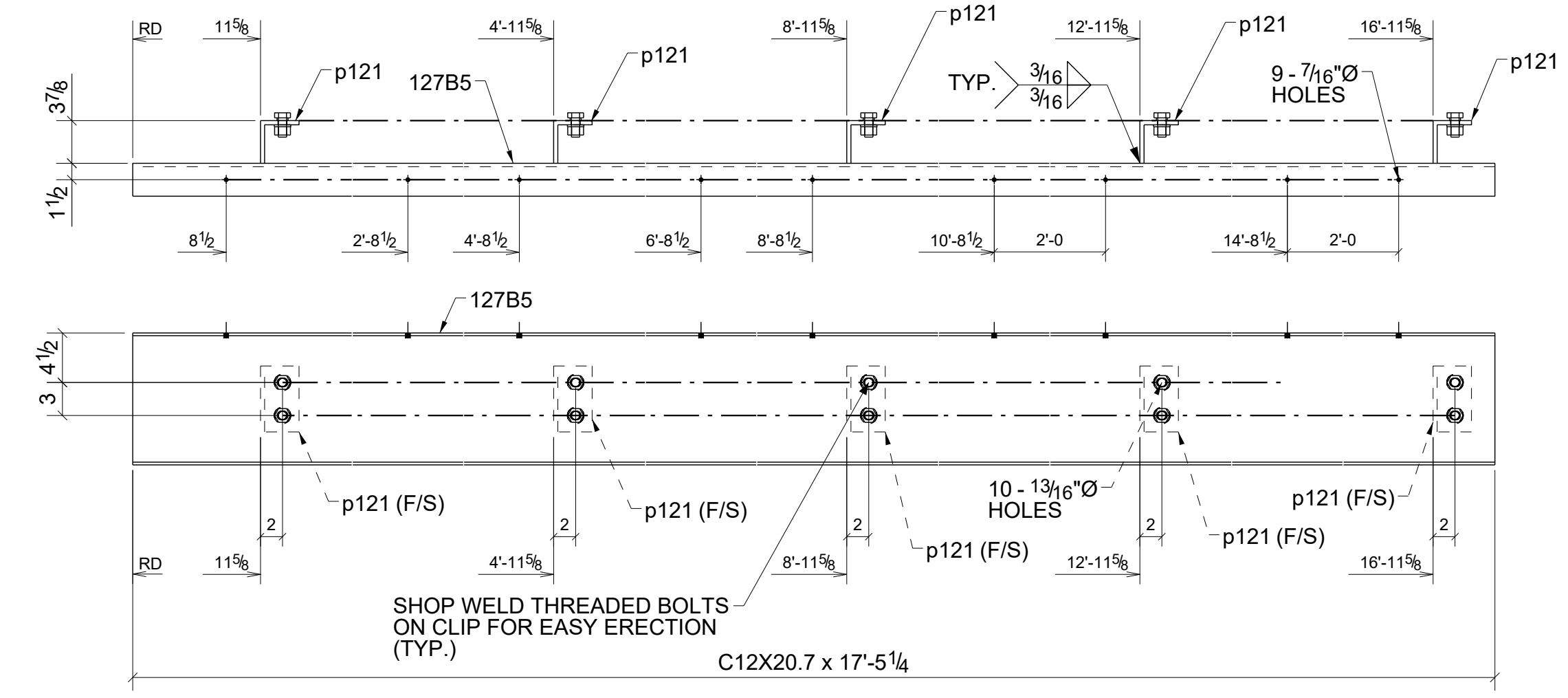
ONE - BEAM - 127B1



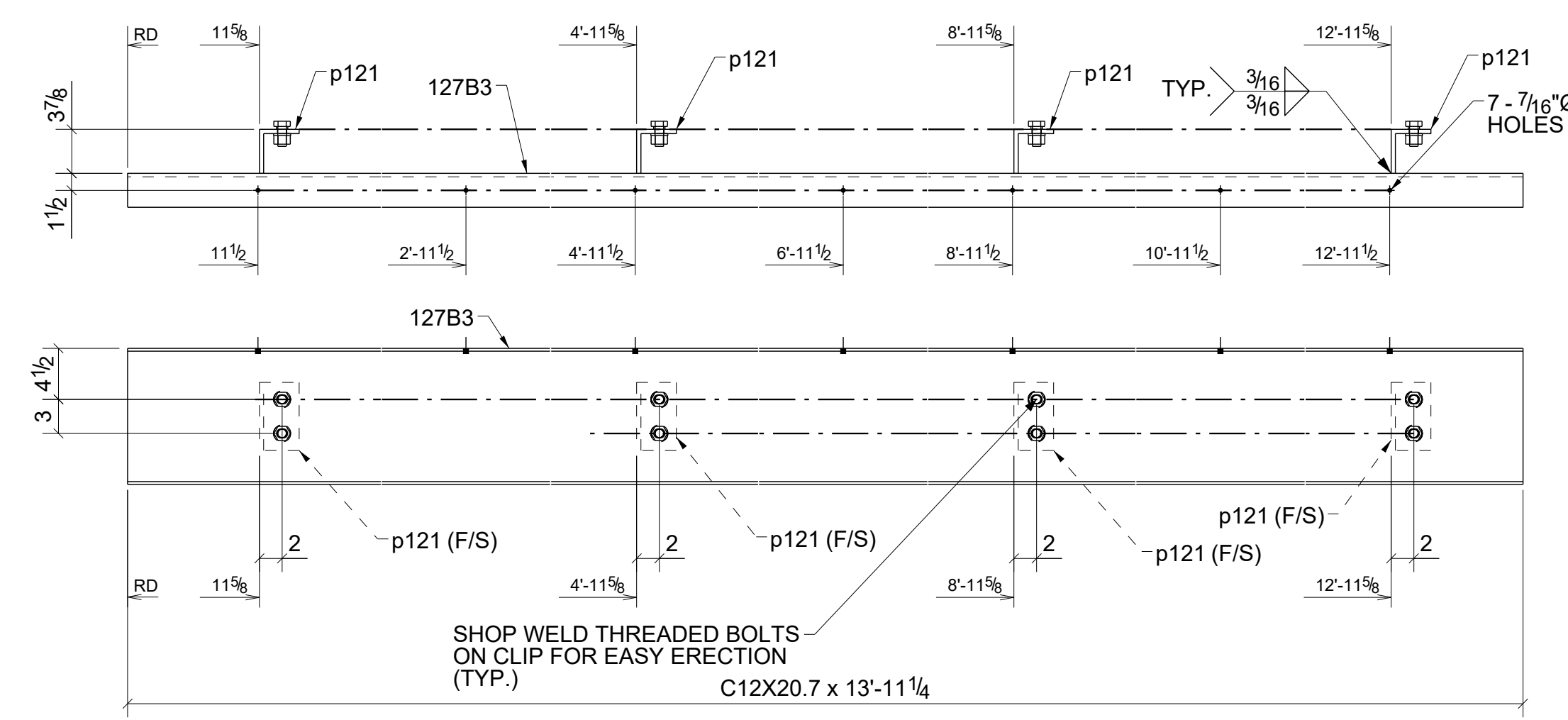
ONE - BEAM - 127B4



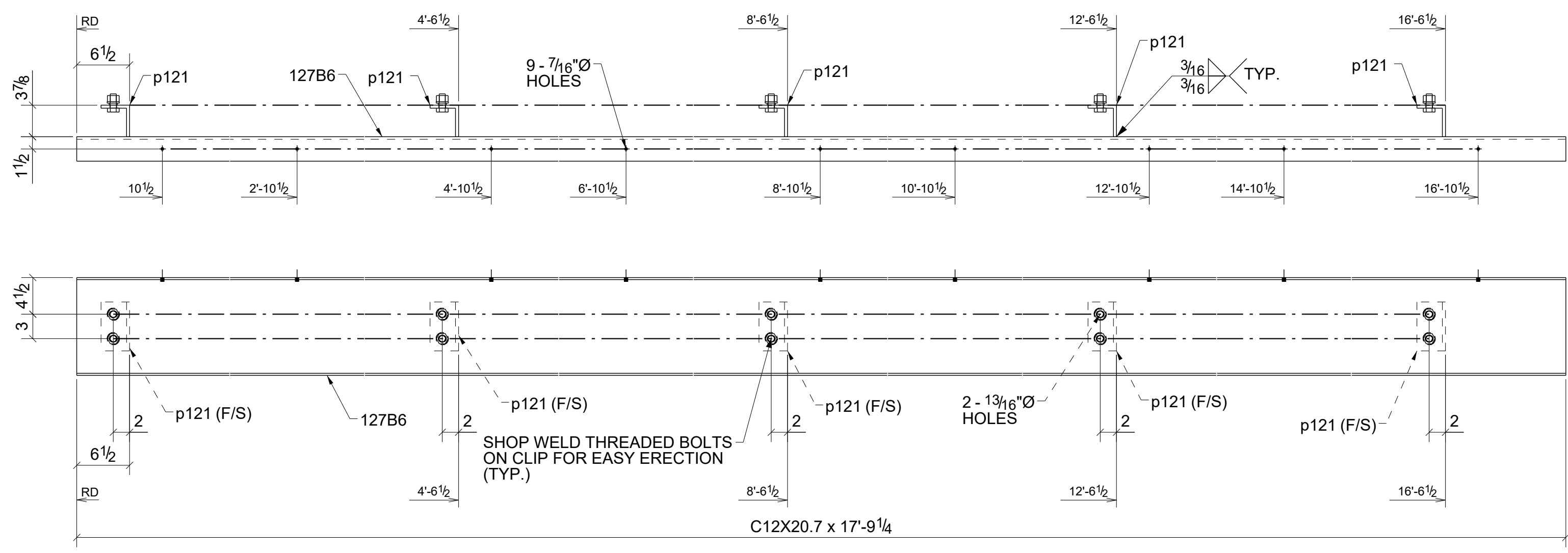
ONE - BEAM - 127B2



ONE - BEAM - 127B5



ONE - BEAM - 127B3



ONE - BEAM - 127B6

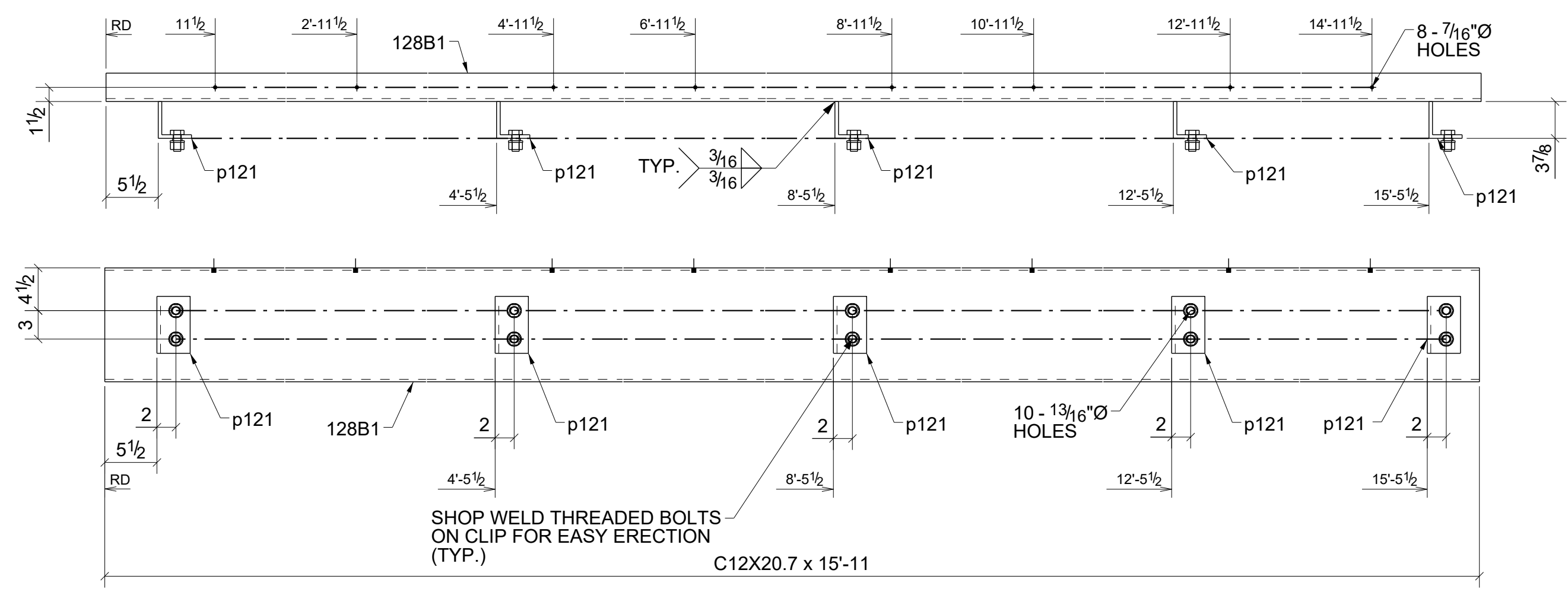
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	127B1	1	C12X20.7	10'-7 1/4"		SO-2 A36
		3	FL3/8\"X6"	0'-6 5/8"	p121	A36
1	127B2	1	C12X20.7	16'-7 1/2"		SO-2 A36
		5	FL3/8\"X6"	0'-6 5/8"	p121	A36
1	127B3	1	C12X20.7	13'-11 1/4"		SO-2 A36
		4	FL3/8\"X6"	0'-6 5/8"	p121	A36
1	127B4	1	C12X20.7	17'-9 1/4"		SO-2 A36
		5	FL3/8\"X6"	0'-6 5/8"	p121	A36
1	127B5	1	C12X20.7	17'-5 1/4"		SO-2 A36
		5	FL3/8\"X6"	0'-6 5/8"	p121	A36
1	127B6	1	C12X20.7	17'-9 1/4"		SO-2 A36
		5	FL3/8\"X6"	0'-6 5/8"	p121	A36

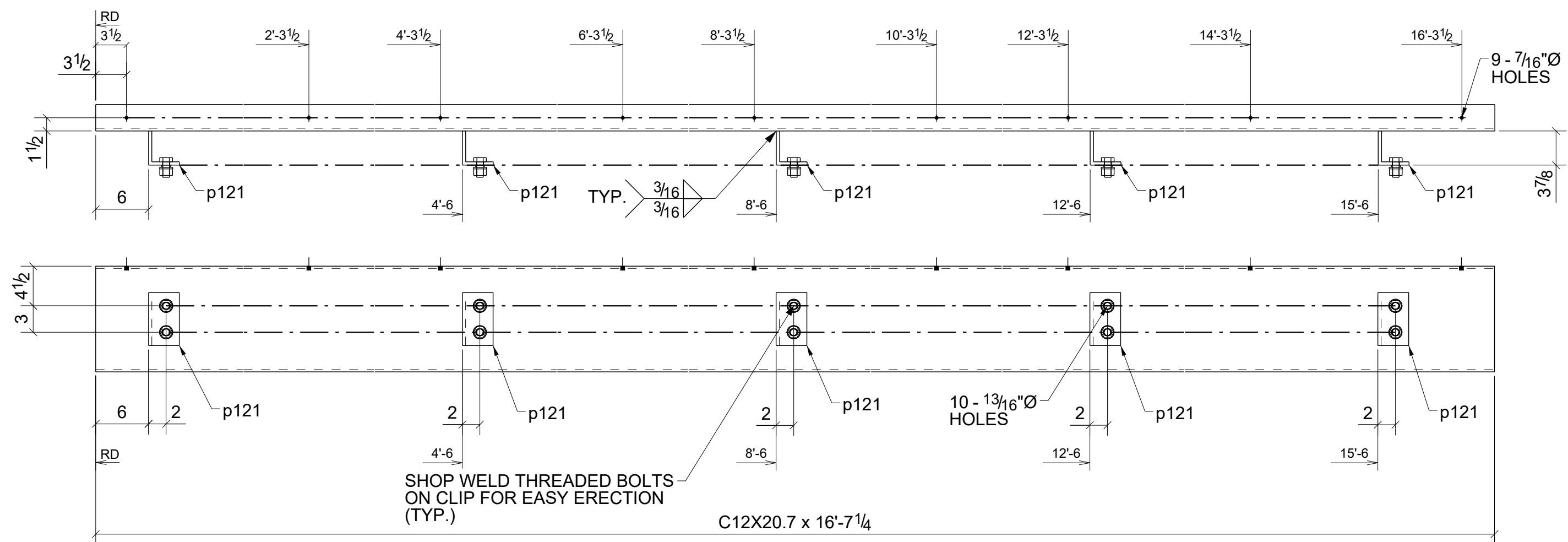
REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

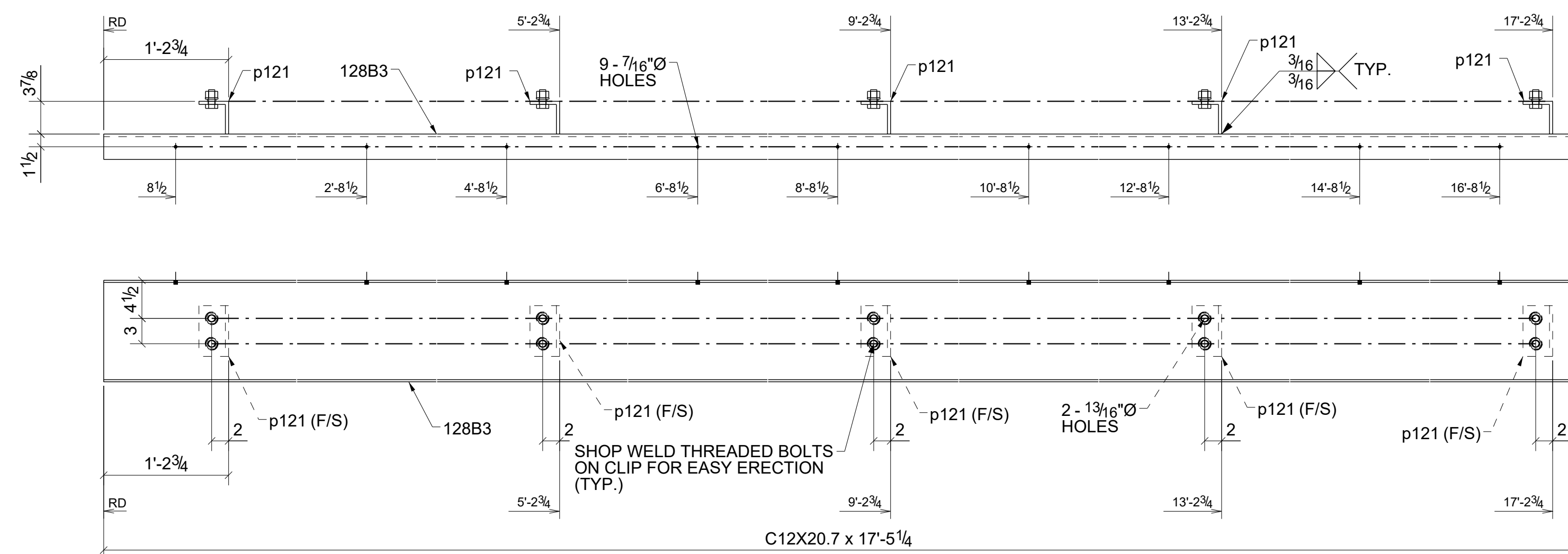
GENERAL NOTES				JOB USE	
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.			
HOLES: 13/16 DIA. UN	CORNS: 3/4\"/>				
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)				APPROVAL	
DESCRIPTION: BEAMS					
PROJECT NAME Crooks & Big Beaver Retail Building A & B					
LOCATION Big Beaver, Troy, Michigan					
CONTRACTOR					
DRAWN BY R. K.				DATE 01/27/2023	
CHKD. BY ABS				DATE 02/02/2023	
JOB No. 127				DRG. No. 127	
				REV. 0	



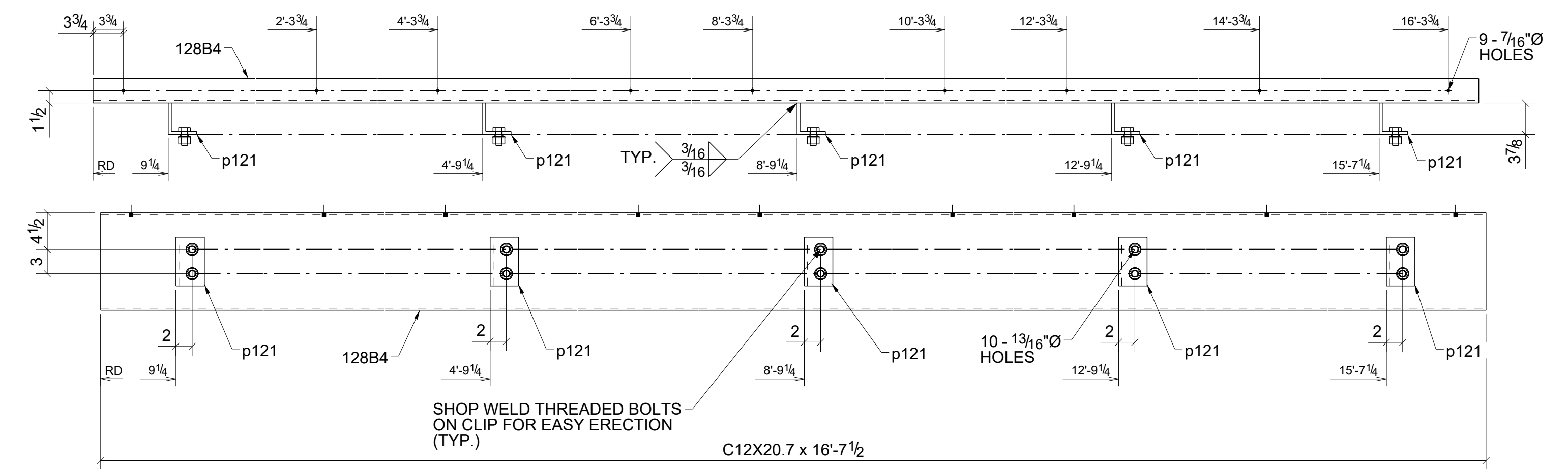
ONE - BEAM - 128B1



ONE - BEAM - 128B2



ONE - BEAM - 128B3

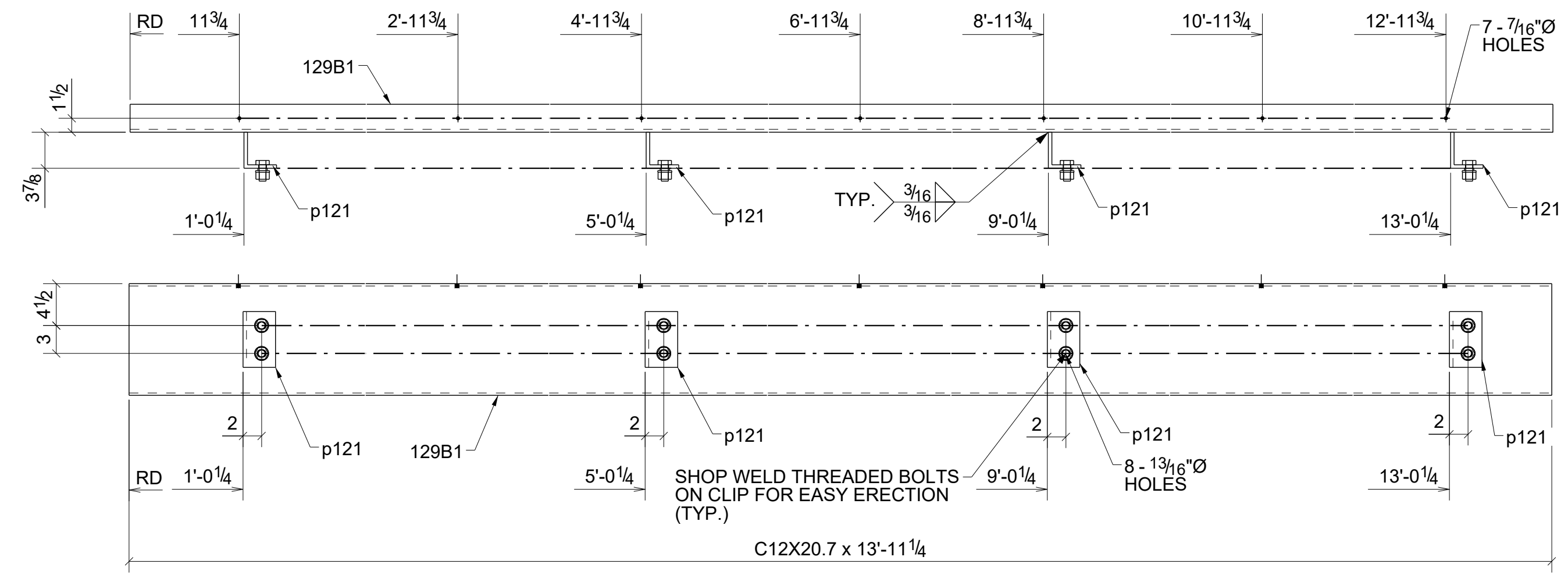


3 - BEAMS - 128B4

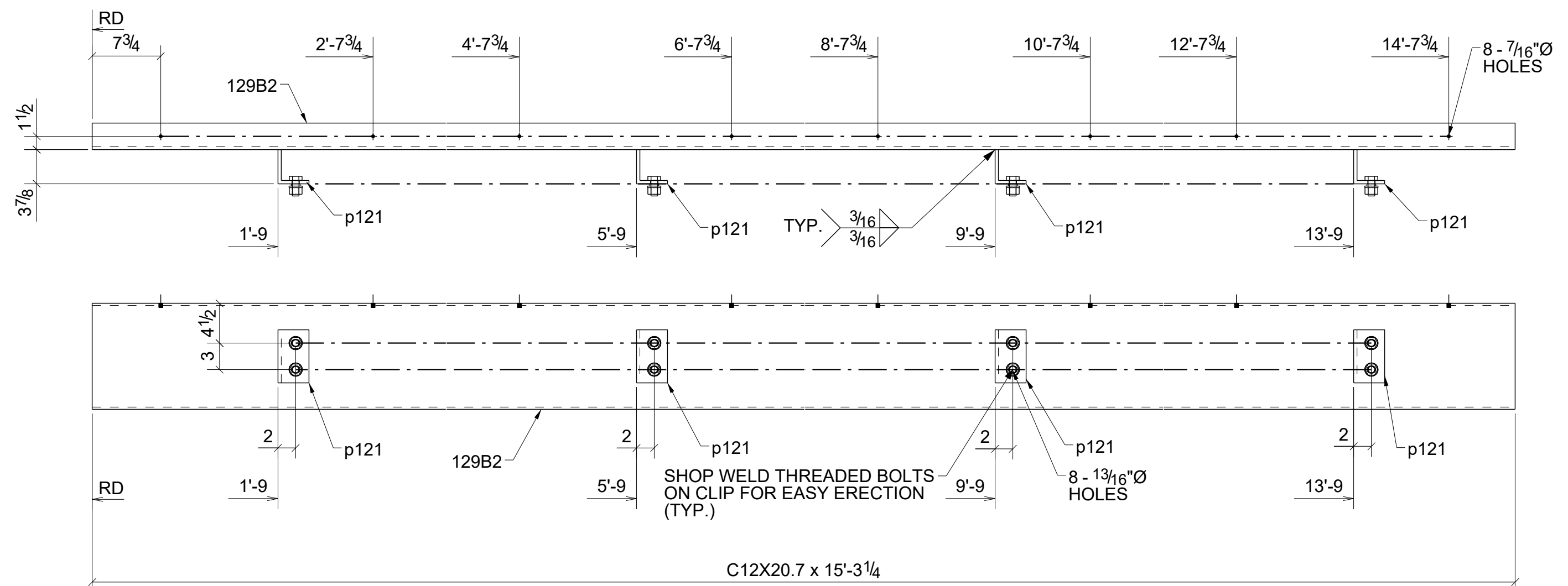
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	128B1	1	C12X20.7	15'-11"		SQ-2 A36
		5	FL3/8"X6"	0'-6 5/8"	p121	A36
1	128B2	1	C12X20.7	16'-7 1/4"		SQ-2 A36
		5	FL3/8"X6"	0'-6 5/8"	p121	A36
1	128B3	1	C12X20.7	17'-5 1/4"		SQ-2 A36
		5	FL3/8"X6"	0'-6 5/8"	p121	A36
3	128B4	3	C12X20.7	16'-7 1/2"		SQ-2 A36
		15	FL3/8"X6"	0'-6 5/8"	p121	A36

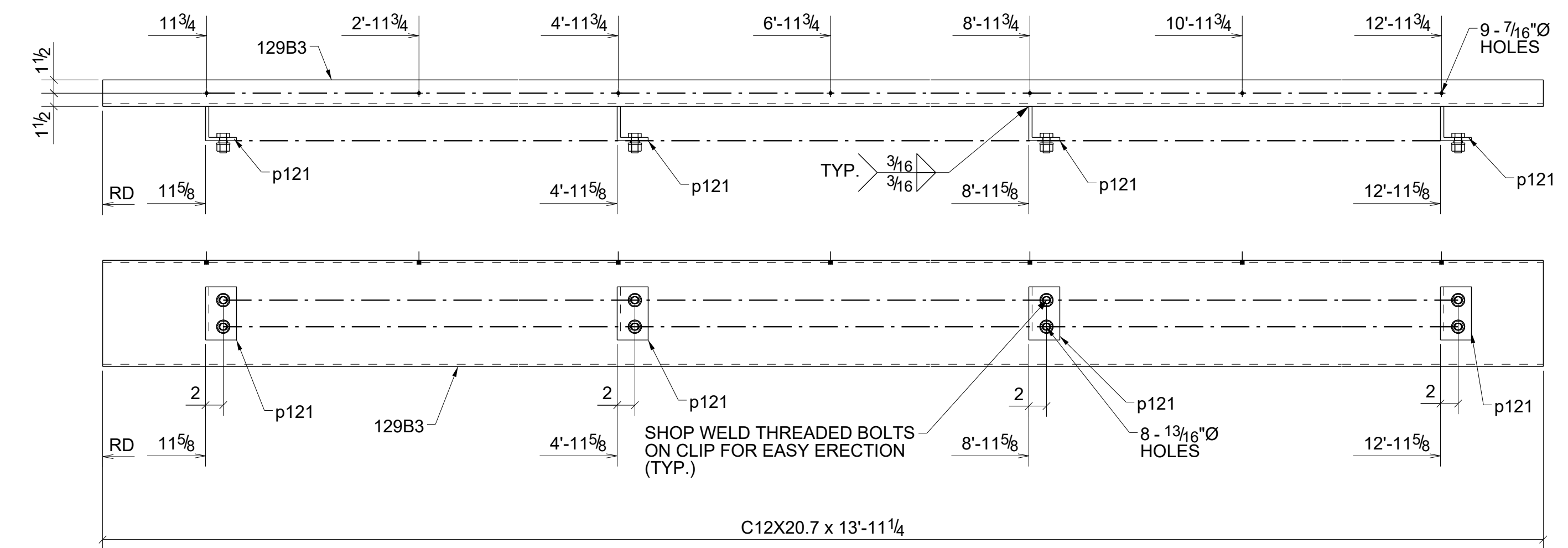
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36		ELECTRODES: E70XX	REF. DRG.	JOB USE
HOLES: 13/16 DIA. UN		CONN'S: 3/4" Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP
SURFACE PREP:		APPROVAL		
AND PAINT:		GREY PRIMER (U.N.O.)		
DESCRIPTION: BEAMS				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/27/2023		
CHKD. BY ABS		DATE 02/02/2023		
JOB No.		DRG. No. 128		
		REV. 0		



ONE - BEAM - 129B1



ONE - BEAM - 129B2

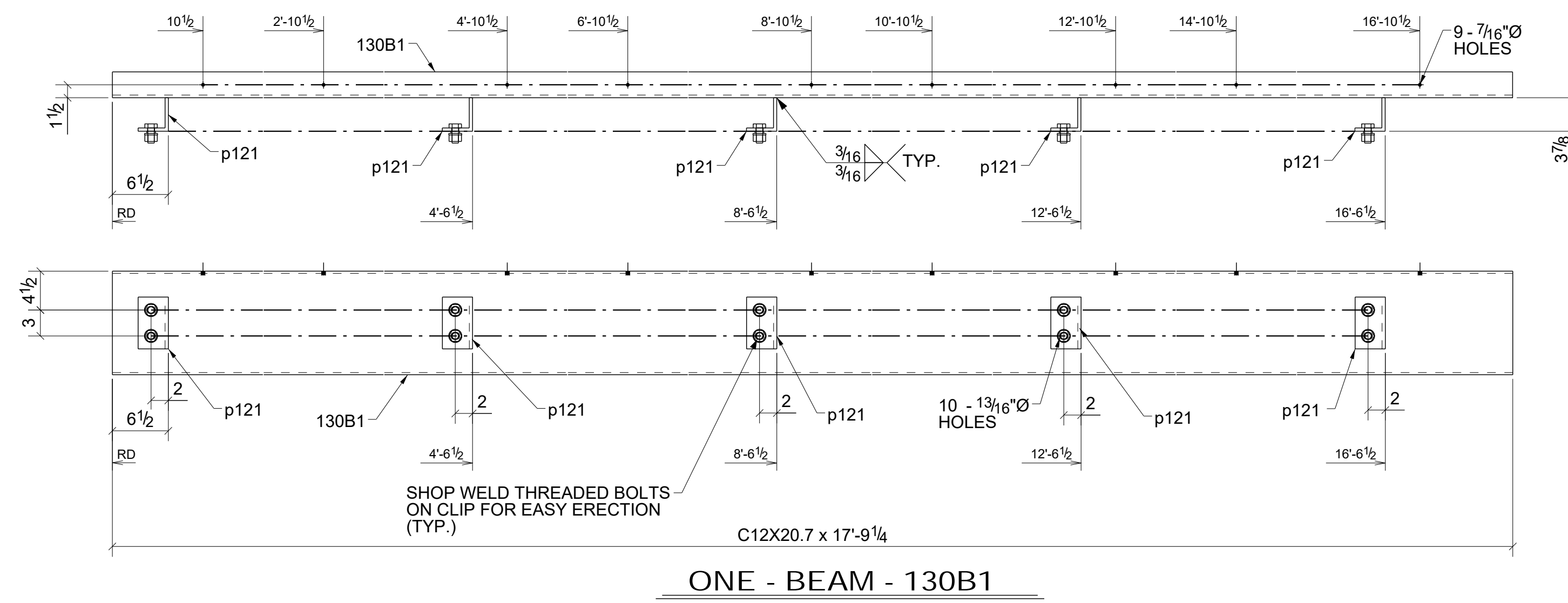


ONE - BEAM - 129B3

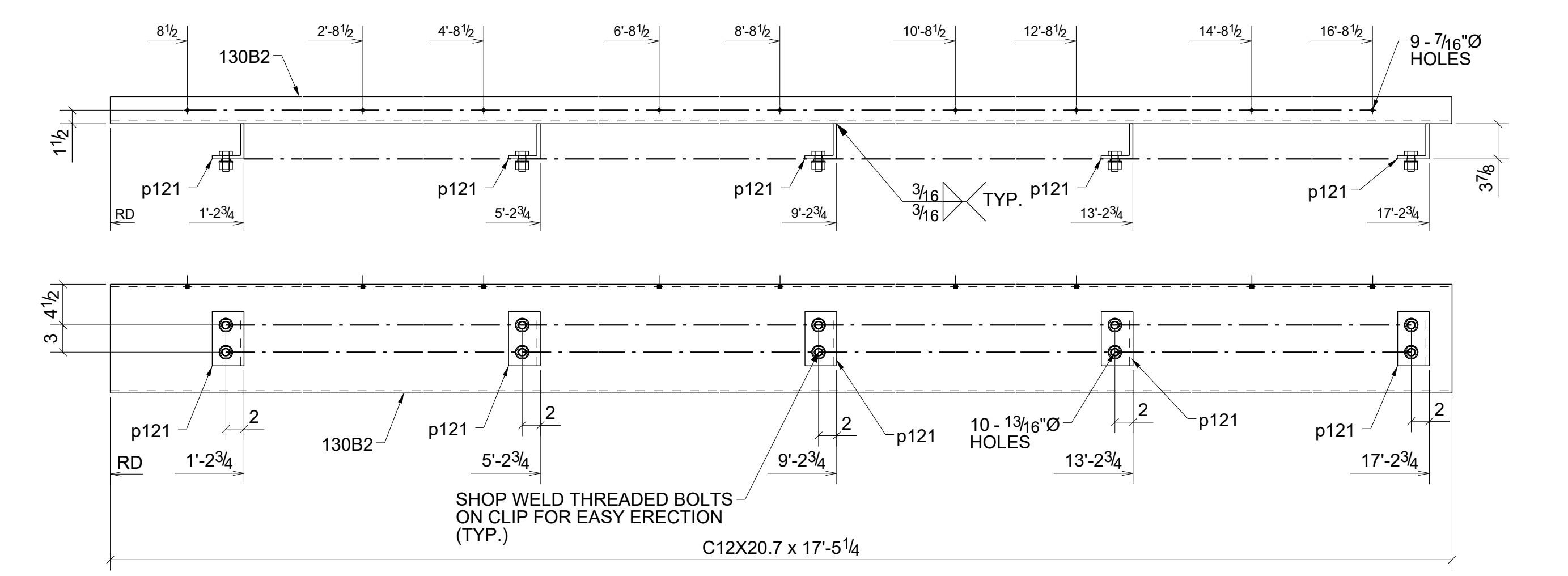
BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	129B1	1 C12X20.7	13'-11 1/4"		SQ-2 A36
		4 FL3/8"X6"	0'-6 5/8"	p121	A36
1	129B2	1 C12X20.7	15'-3 1/4"		SQ-2 A36
		4 FL3/8"X6"	0'-6 5/8"	p121	A36
1	129B3	1 C12X20.7	13'-11 1/4"		SQ-2 A36
		4 FL3/8"X6"	0'-6 5/8"	p121	A36

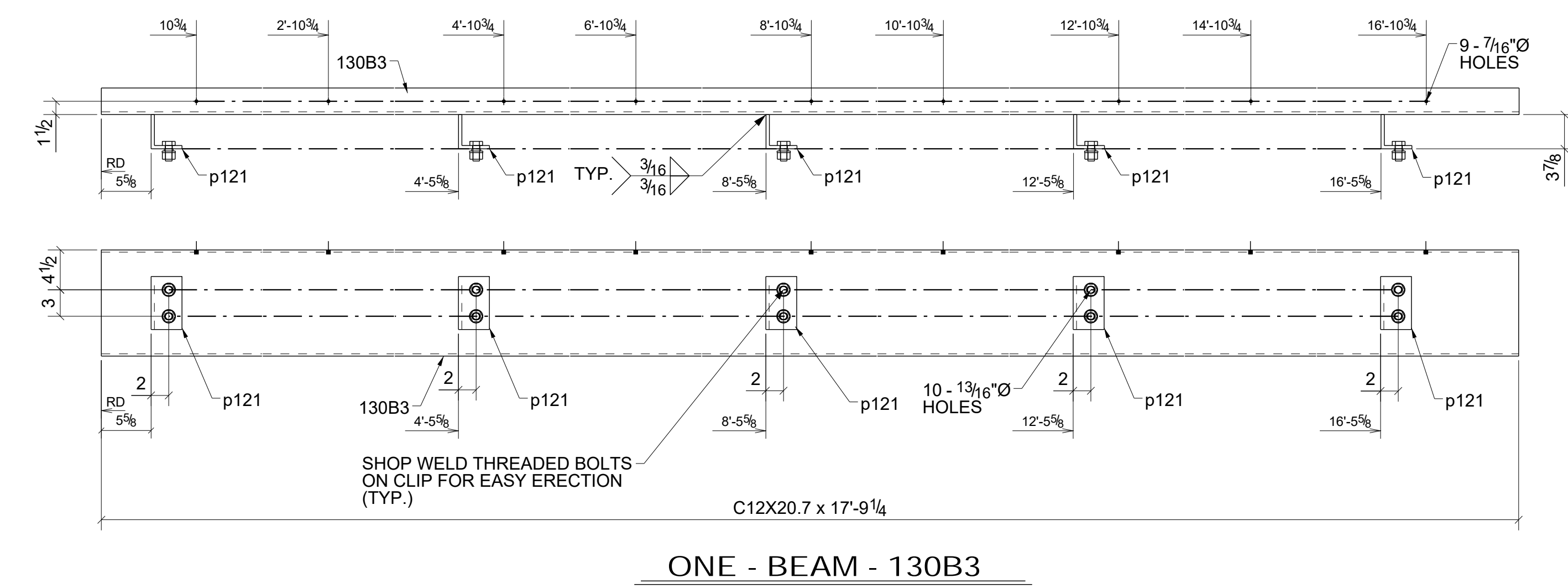
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	JOB USE	
HOLES: 13/16 DIA. UN	CONNS: 3/4"Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP	
SURFACE PREP. AND PAINT:			APPROVAL	
SSPC-SP3				
GREY PRIMER (U.N.O.)				
DESCRIPTION: BEAMS				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.			DATE 01/27/2023	
CHKD. BY ABS			DATE 02/02/2023	
JOB No.	DRG. No.	REV.		
129	129	0		



ONE - BEAM - 130B1



ONE - BEAM - 130B2



ONE - BEAM - 130B3

BILL OF MATERIAL

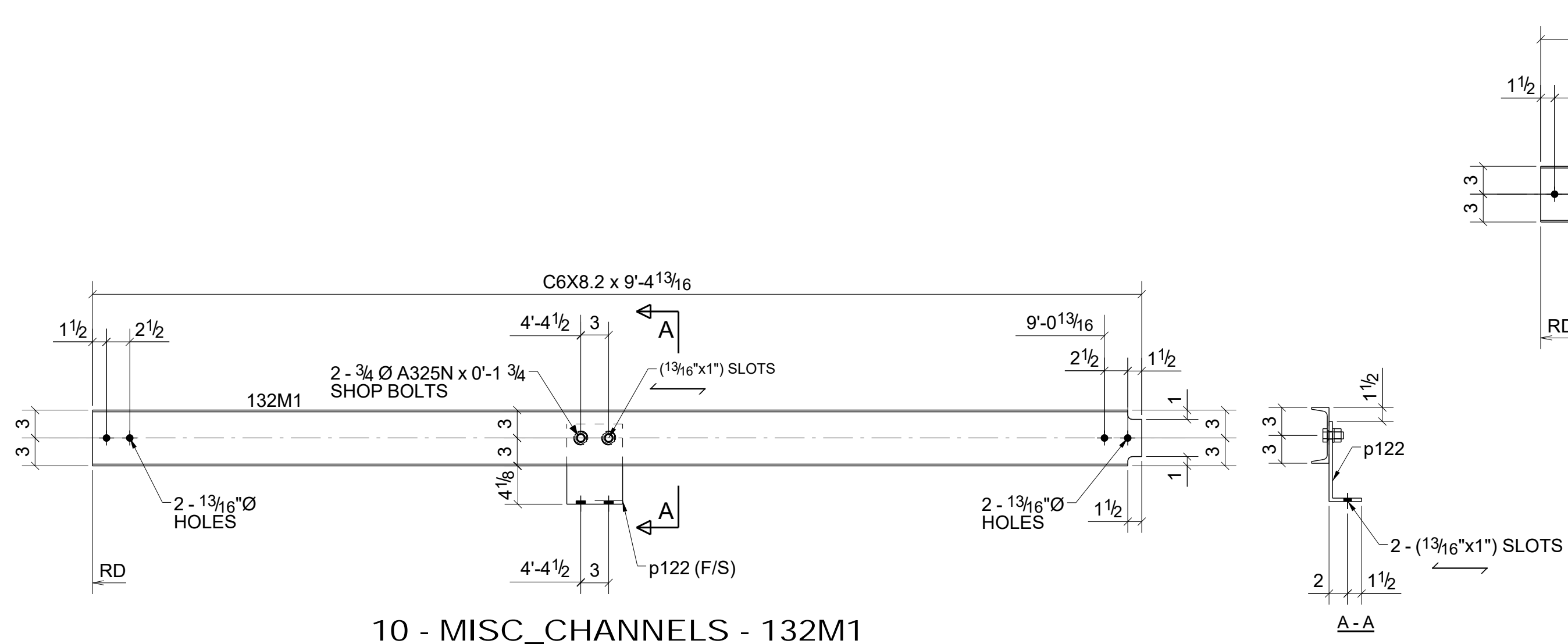
SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 130B1	1	C12X20.7	17'-9 1/4"		SQ-2 A36
	5	FL3/8"X6"	0'-6 5/8"	p121	A36
1 130B2	1	C12X20.7	17'-5 1/4"		SQ-2 A36
	5	FL3/8"X6"	0'-6 5/8"	p121	A36
1 130B3	1	C12X20.7	17'-9 1/4"		SQ-2 A36
	5	FL3/8"X6"	0'-6 5/8"	p121	A36

REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

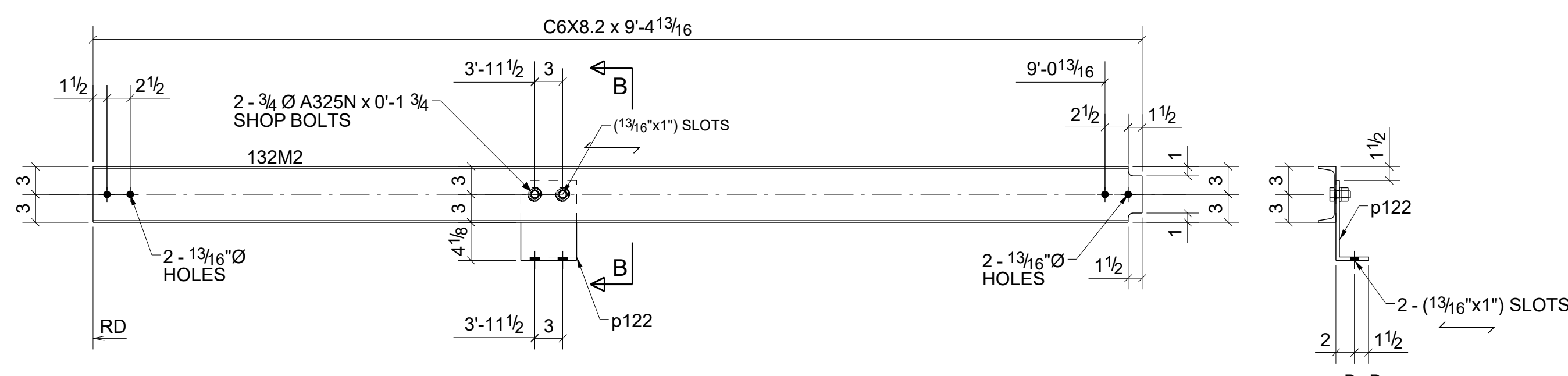
  

GENERAL NOTES			JOB USE
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	
HOLE: 13/16 DIA. UN	CORNS: 3/4"Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP
SURFACE PREP. AND PAINT:			APPROVAL
SSPC-SP3 GREY PRIMER (U.N.O.)			
DESCRIPTION: BEAMS			
PROJECT NAME Crooks & Big Beaver Retail Building A & B			
LOCATION Big Beaver, Troy, Michigan			
CONTRACTOR			
DRAWN BY R. K.		DATE 01/27/2023	
CHKD. BY ABS		DATE 02/02/2023	
JOB No.	DRG. No. 130	REV.	0

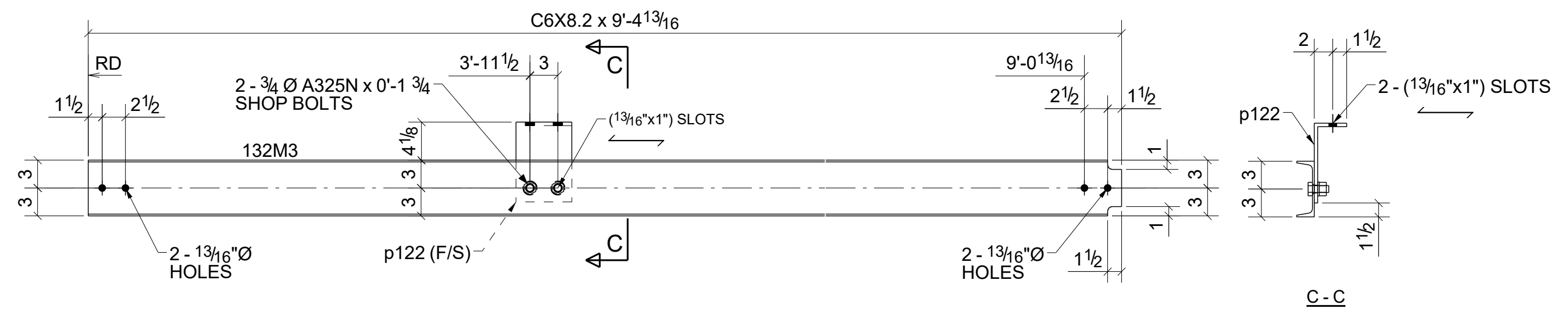




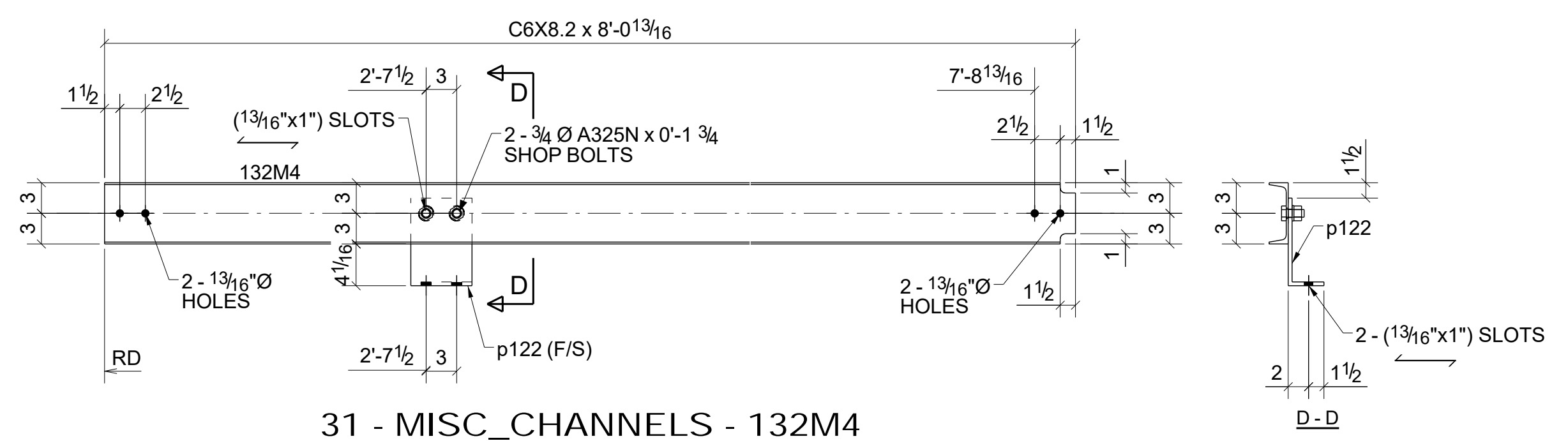
10 - MISC\_CHANNELS - 132M1



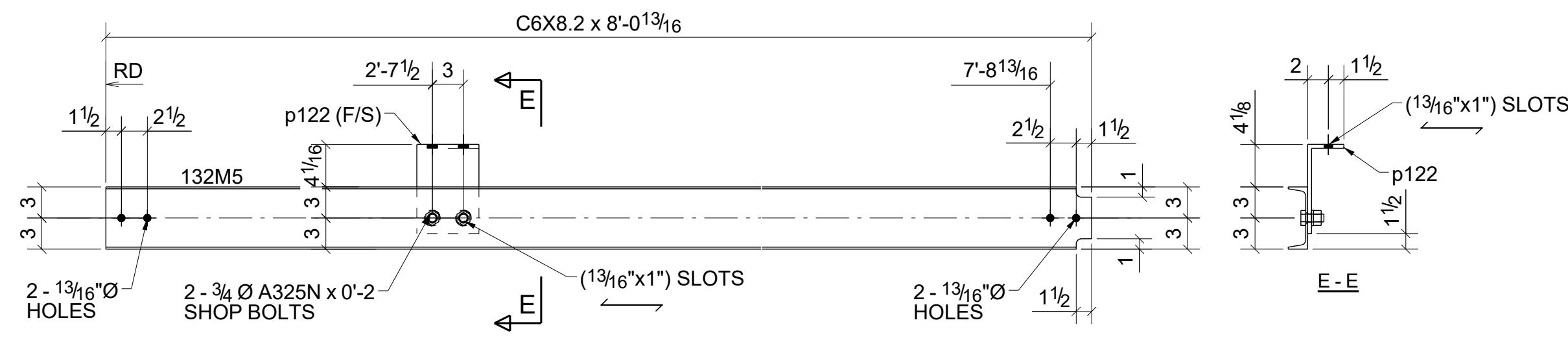
15 - MISC\_CHANNELS - 132M2



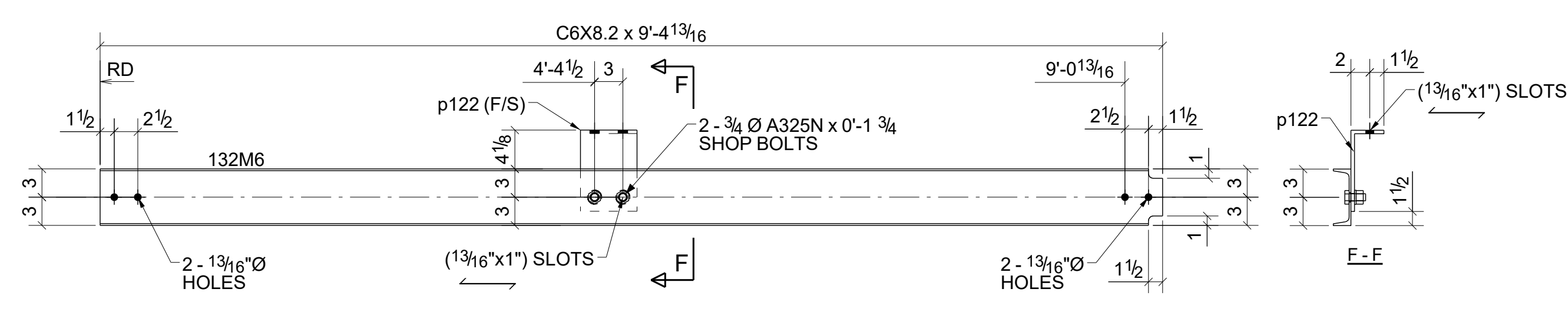
15 - MISC\_CHANNELS - 132M3



31 - MISC\_CHANNELS - 132M4



29 - MISC\_CHANNELS - 132M5



10 - MISC\_CHANNELS - 132M6

BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
10	132M1	10	C6X8.2	9'-4 13/16"		SG2 A36
		10	FL3/8"x6"	0'-11 3/8"	p122	A36
		20	3/4"Ø A325N BOLT	0'-1 3/4"		Workshop
15	132M2	15	C6X8.2	9'-4 13/16"		SG2 A36
		15	FL3/8"x6"	0'-11 3/8"	p122	A36
		30	3/4"Ø A325N BOLT	0'-1 3/4"		Workshop
15	132M3	15	C6X8.2	9'-4 13/16"		SG2 A36
		15	FL3/8"x6"	0'-11 3/8"	p122	A36
		30	3/4"Ø A325N BOLT	0'-1 3/4"		Workshop
31	132M4	31	C6X8.2	8'-0 13/16"		SG2 A36
		31	FL3/8"x6"	0'-11 3/8"	p122	A36
		62	3/4"Ø A325N BOLT	0'-1 3/4"		Workshop
29	132M5	29	C6X8.2	8'-0 13/16"		SG2 A36
		29	FL3/8"x6"	0'-11 3/8"	p122	A36
		58	3/4"Ø A325N BOLT	0'-1 3/4"		Workshop
10	132M6	10	C6X8.2	9'-4 13/16"		SG2 A36
		10	FL3/8"x6"	0'-11 3/8"	p122	A36
		20	3/4"Ø A325N BOLT	0'-1 3/4"		Workshop

0 For Fabrication 04/03/2023 R. K. ABS  
 A For Approval 02/06/2023 R. K. ABS

REV.	DESCRIPTION	DATE	DWN	CHK

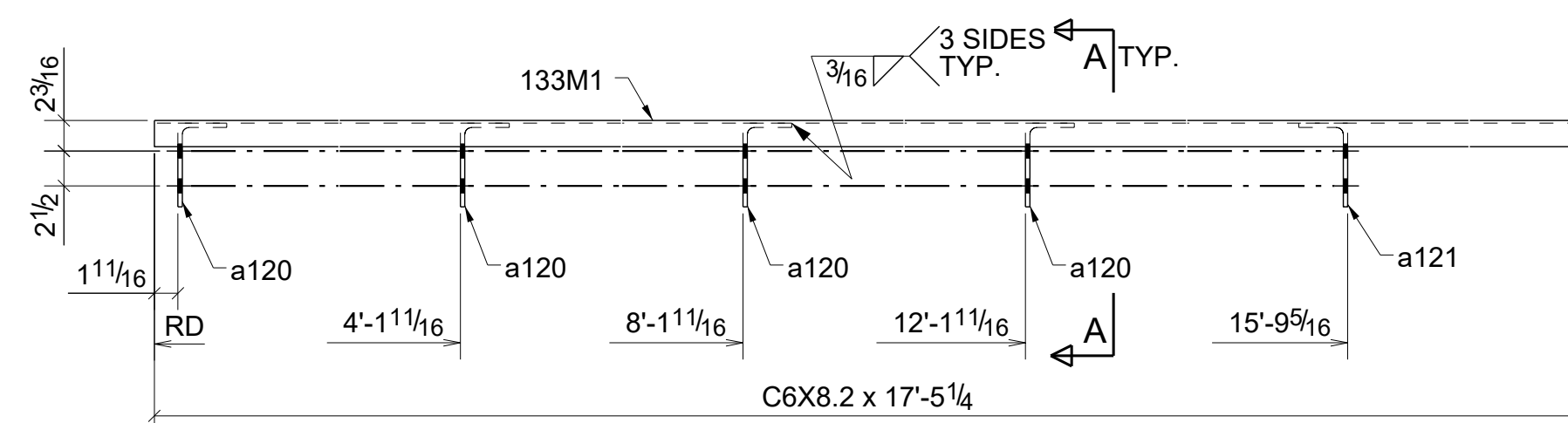
**GENERAL NOTES**

MATERIAL: A36 ELECTRODES: E70XX REF. DRG. E102 - E112  
 HOLES: 13/16 DIA. UN CORNS: 3/4"Ø HIGH TENSILE  
 SURFACE PREP. SSSPC-SP3  
 AND PAINT: GREY PRIMER (U.N.O.)

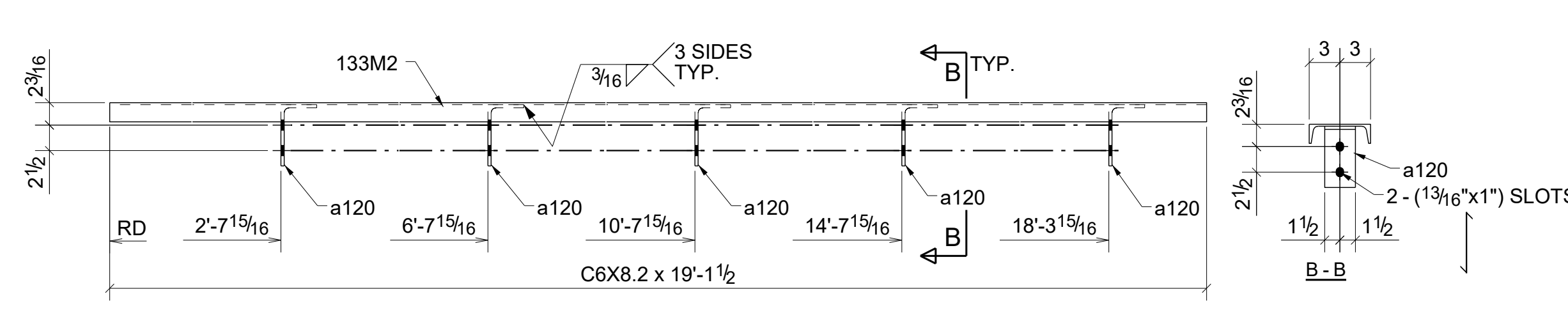
DESCRIPTION: MISC\_CHANNEL  
 PROJECT NAME Crooks & Big Beaver Retail Building A & B  
 LOCATION Big Beaver, Troy, Michigan  
 CONTRACTOR

DRAWN BY R. K.	DATE 01/27/2023
CHKD. BY ABS	DATE 02/02/2023
JOB No.	DRG. No. 132
	REV. 0

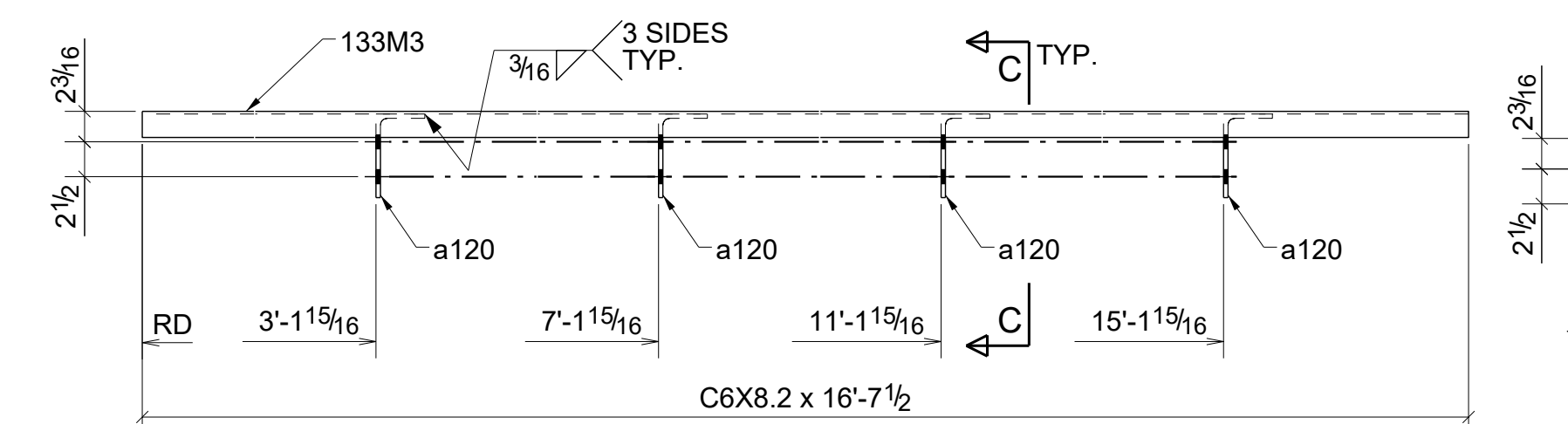




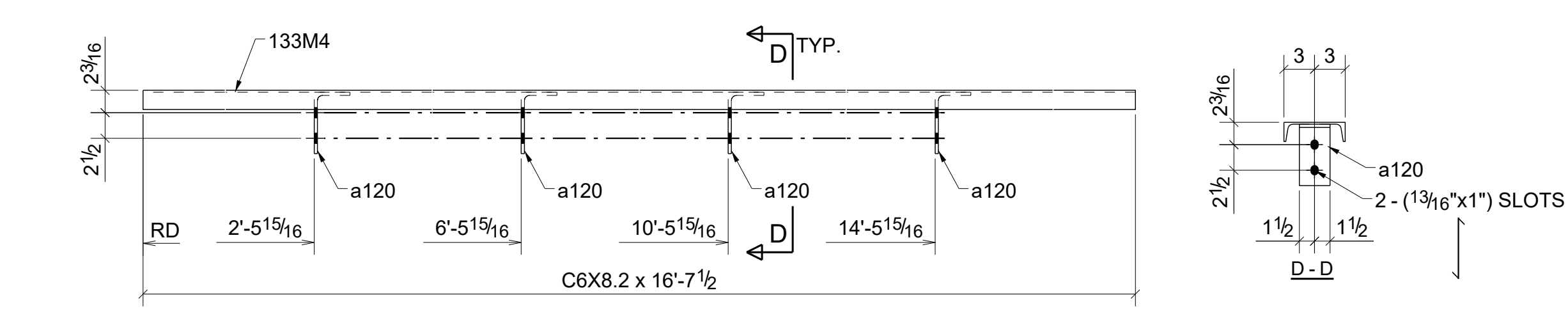
ONE - MISC\_CHANNEL - 133M1



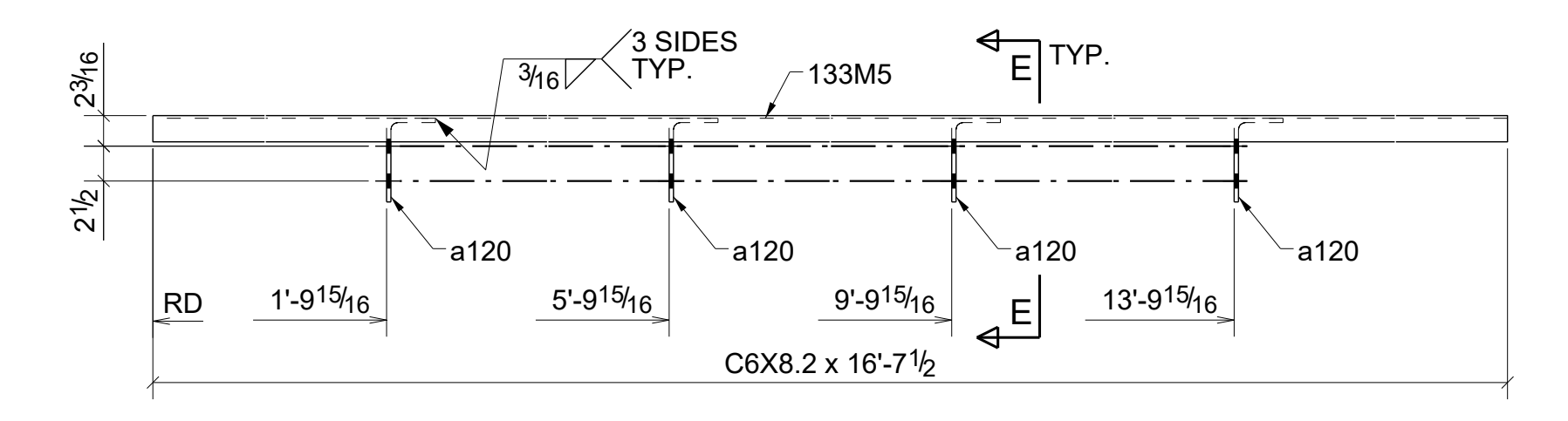
ONE - MISC\_CHANNEL - 133M2



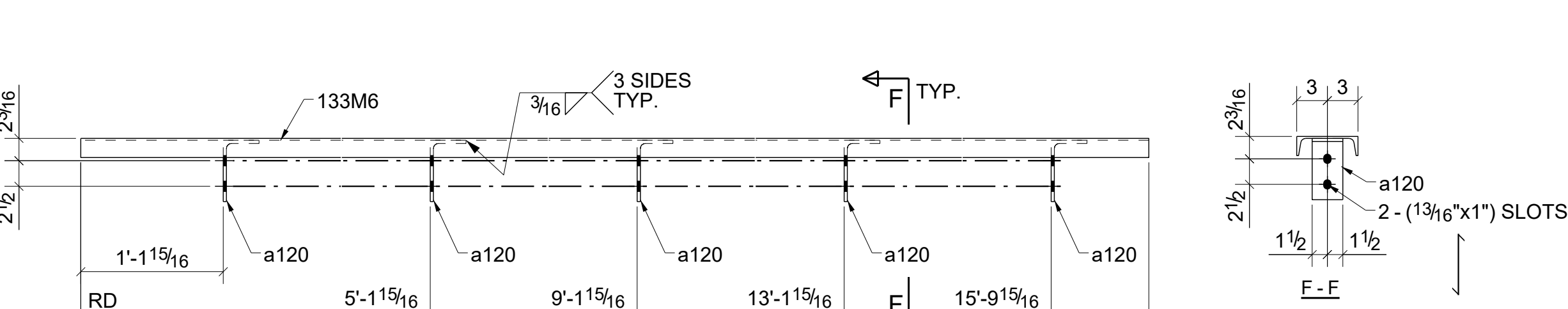
2 - MISC\_CHANNELS - 133M3



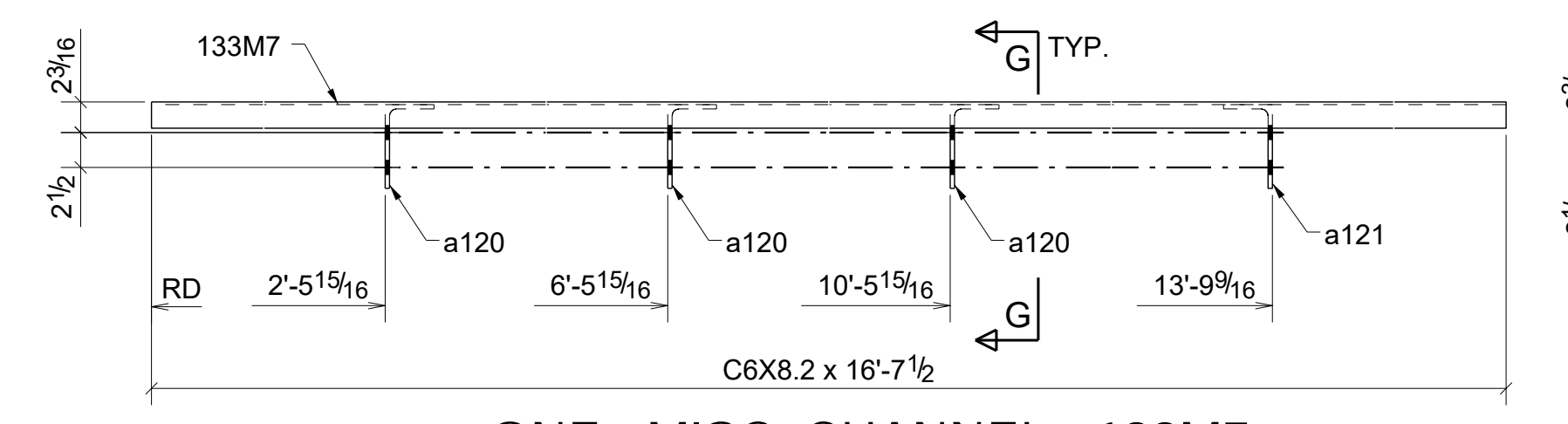
ONE - MISC\_CHANNEL - 133M4



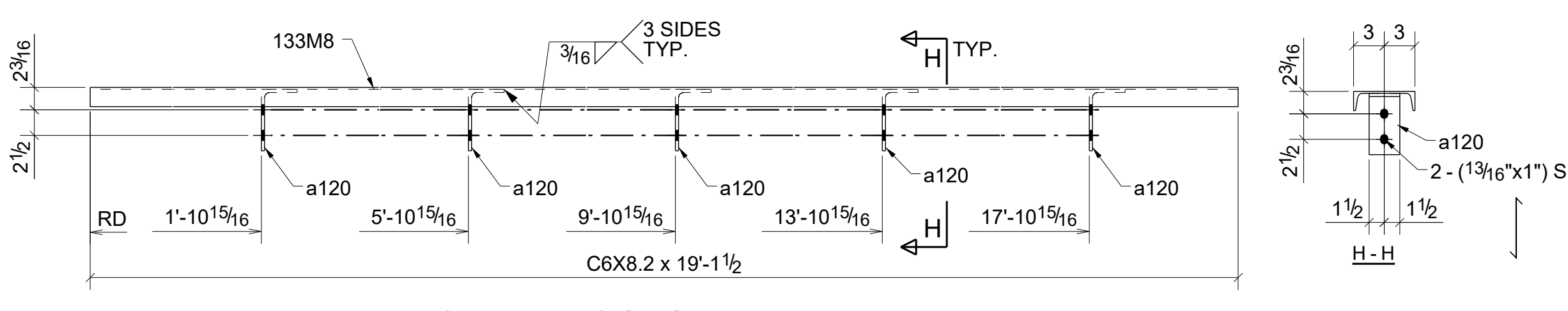
ONE - MISC\_CHANNEL - 133M5



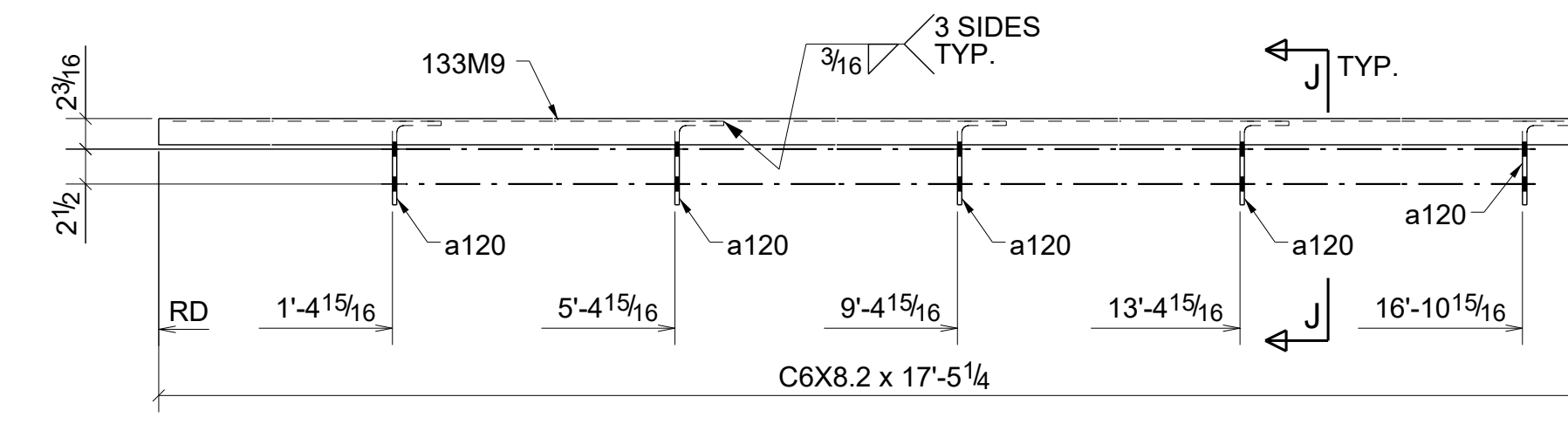
ONE - MISC\_CHANNEL - 133M6



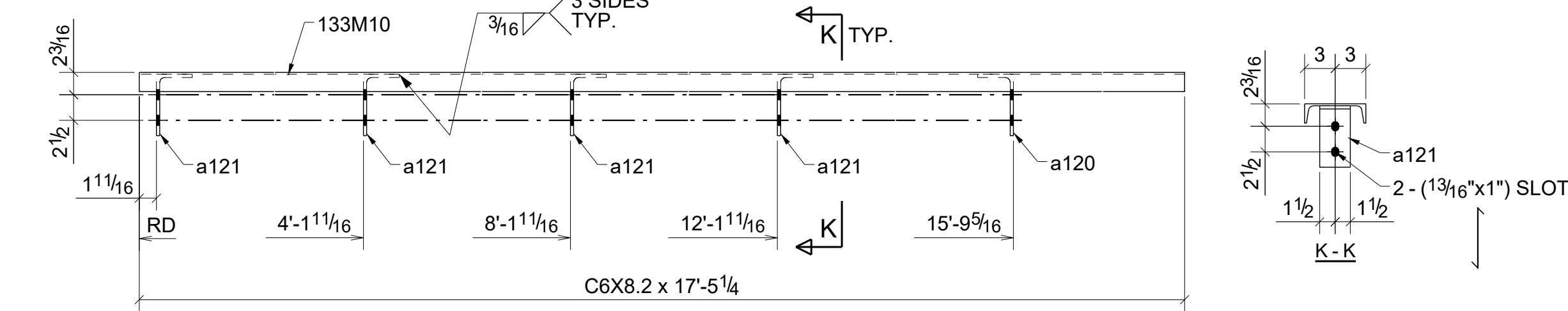
ONE - MISC\_CHANNEL - 133M7



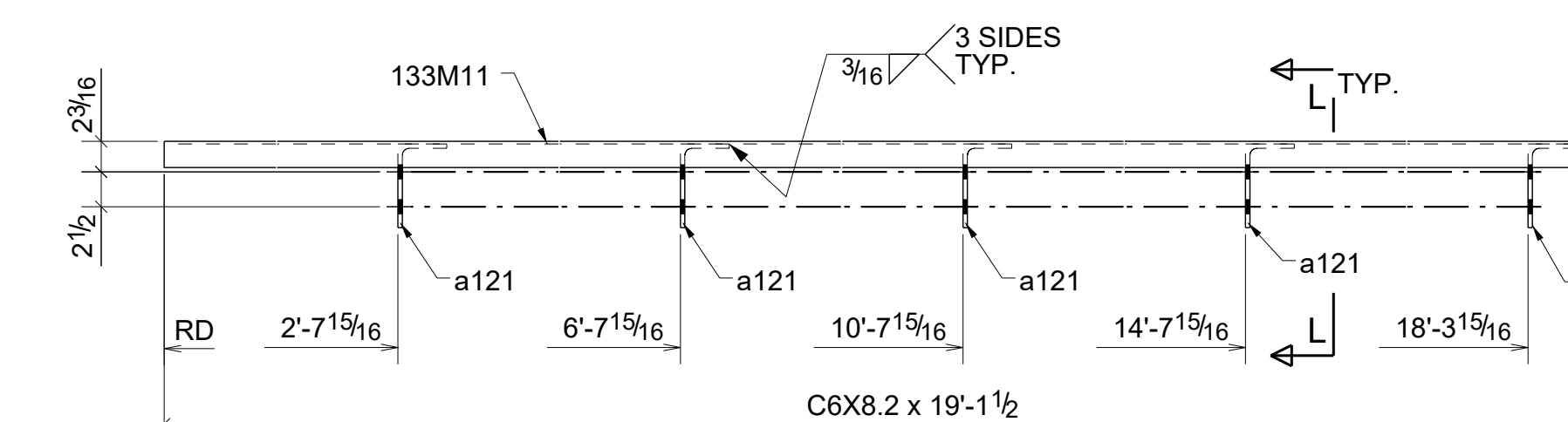
ONE - MISC\_CHANNEL - 133M8



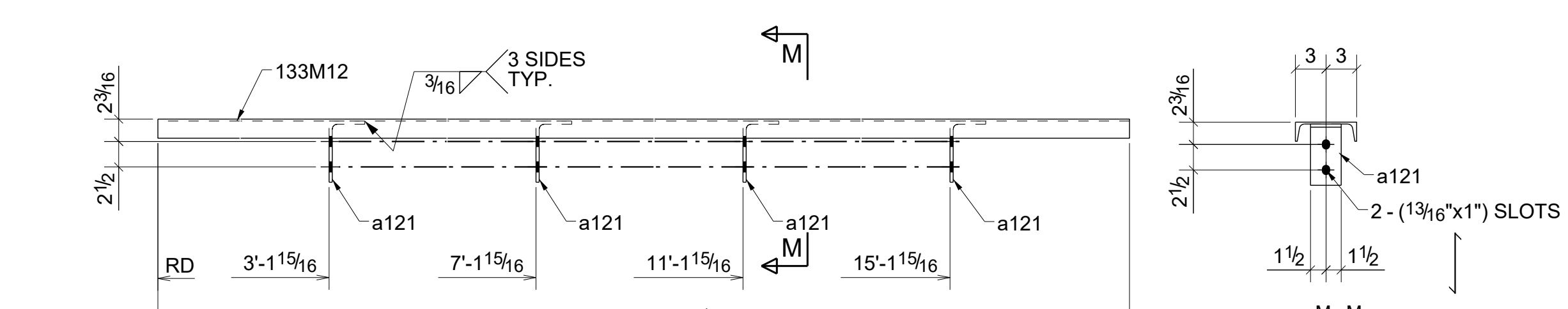
ONE - MISC\_CHANNEL - 133M9



ONE - MISC\_CHANNEL - 133M10



ONE - MISC\_CHANNEL - 133M11



2 - MISC\_CHANNELS - 133M12

BILL OF MATERIAL

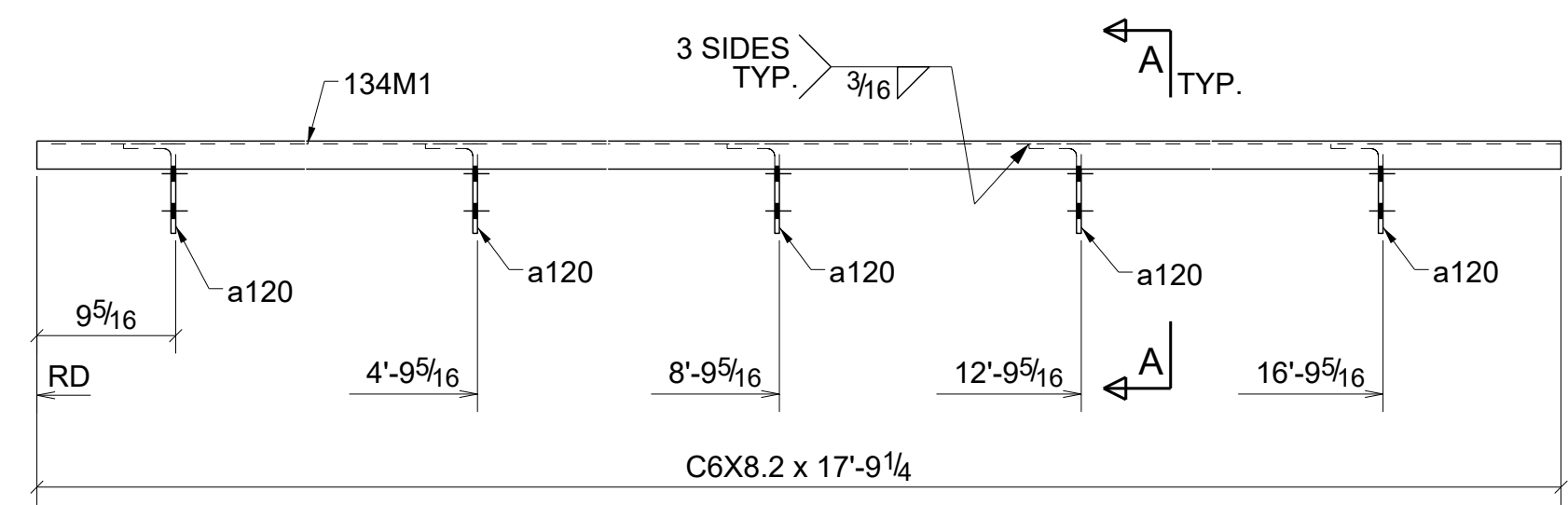
SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	133M1	1	C6X8.2	17'-5 1/4"		SQ-2 A36
		4	L6X3-1/2X5/16	0'-3"	a120	A36
		1	L6X3-1/2X5/16	0'-3"	a121	A36
1	133M2	1	C6X8.2	19'-1 1/2"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a120	A36
2	133M3	2	C6X8.2	16'-7 1/2"		SQ-2 A36
		8	L6X3-1/2X5/16	0'-3"	a120	A36
1	133M4	1	C6X8.2	16'-7 1/2"		SQ-2 A36
		4	L6X3-1/2X5/16	0'-3"	a120	A36
1	133M5	1	C6X8.2	16'-7 1/2"		SQ-2 A36
		4	L6X3-1/2X5/16	0'-3"	a120	A36
1	133M6	1	C6X8.2	16'-7 1/2"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a120	A36
1	133M7	1	C6X8.2	16'-7 1/2"		SQ-2 A36
		3	L6X3-1/2X5/16	0'-3"	a120	A36
		1	L6X3-1/2X5/16	0'-3"	a121	A36
1	133M8	1	C6X8.2	19'-1 1/2"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a120	A36
1	133M9	1	C6X8.2	17'-5 1/4"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a120	A36
1	133M10	1	C6X8.2	17'-5 1/4"		SQ-2 A36
		1	L6X3-1/2X5/16	0'-3"	a120	A36
		4	L6X3-1/2X5/16	0'-3"	a121	A36
1	133M11	1	C6X8.2	19'-1 1/2"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a121	A36
2	133M12	2	C6X8.2	16'-7 1/2"		SQ-2 A36
		8	L6X3-1/2X5/16	0'-3"	a121	A36

0 For Fabrication 04/03/2023 R. K. ABS  
 A For Approval 02/06/2023 R. K. ABS  
 REV. DESCRIPTION DATE DWN CHK

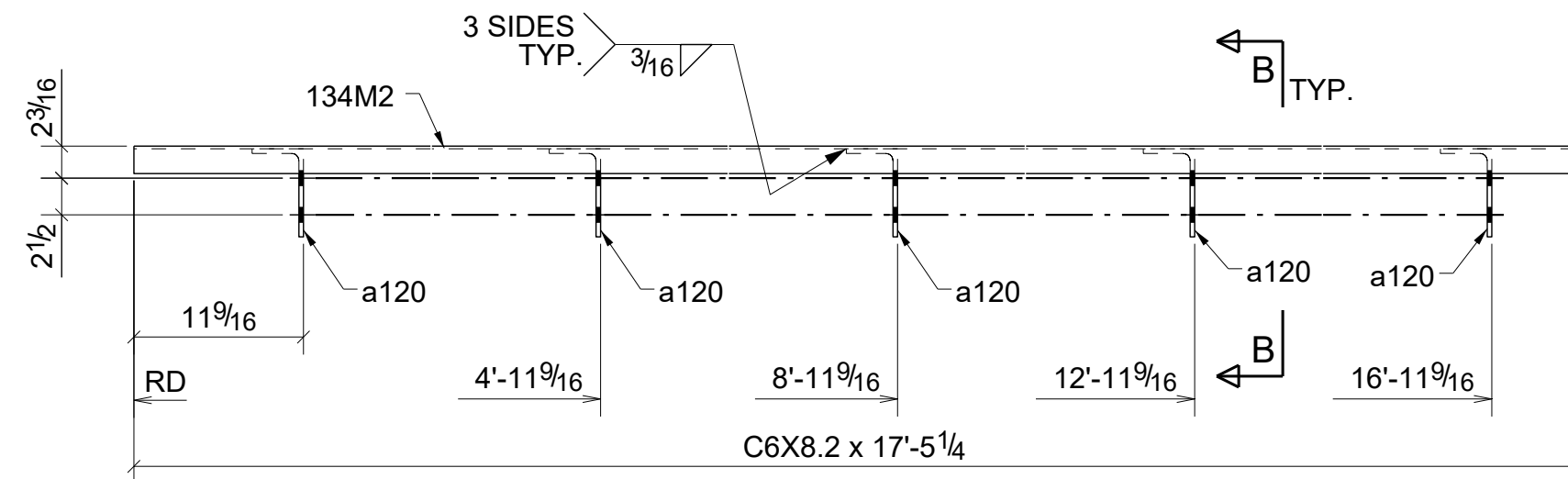
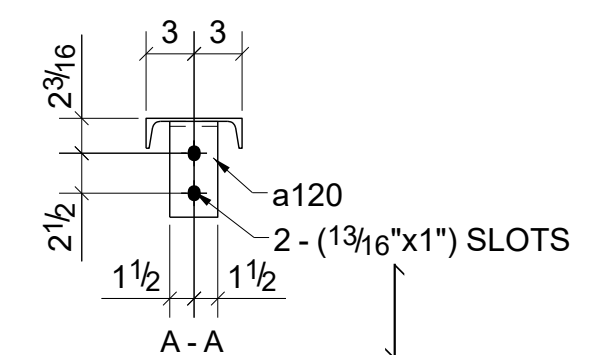
GENERAL NOTES  
 MATERIAL: A36 ELECTRODES: E70XX REF. DRG. E102 - E112  
 HOLES: 13/16 DIA UN CORNRS: 3/4"Ø HIGH TENSILE SHOP  
 SURFACE PREP: SSPC-SP3 APPROVAL  
 AND PAINT: GREY PRIMER (U.N.O.)

DESCRIPTION: MISC\_CHANNEL  
 PROJECT NAME Crooks & Big Beaver Retail Building A & B  
 LOCATION Big Beaver, Troy, Michigan  
 CONTRACTOR

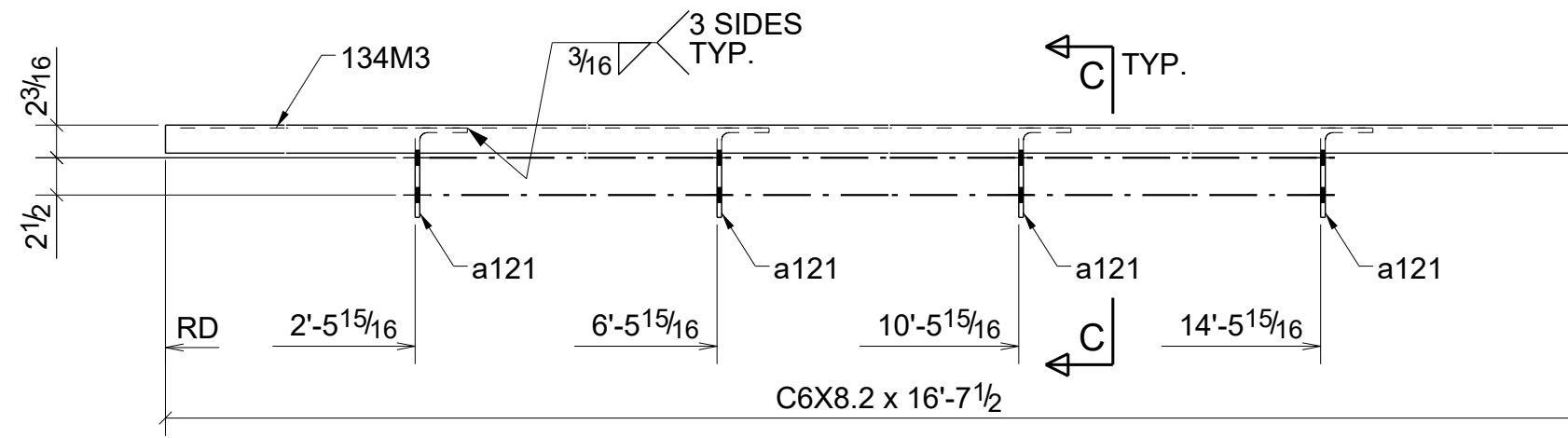
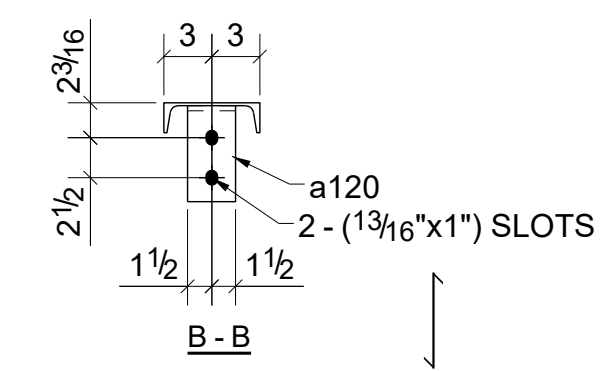
DRAWN BY R. K. DATE 01/27/2023  
 CHKD. BY ABS DATE 02/02/2023  
 JOB No. DRG. No. 133 REV. 0



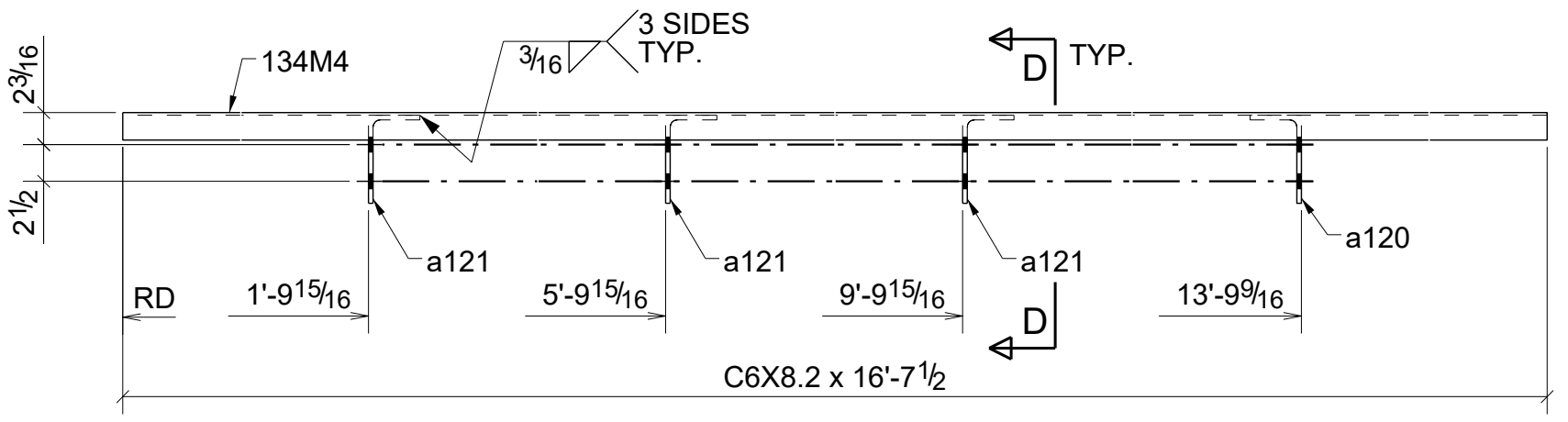
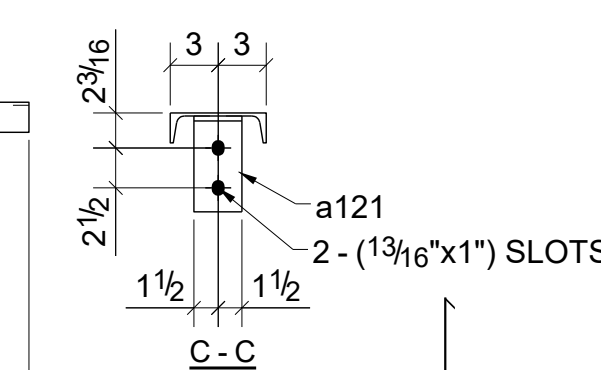
ONE - MISC\_CHANNEL - 134M1



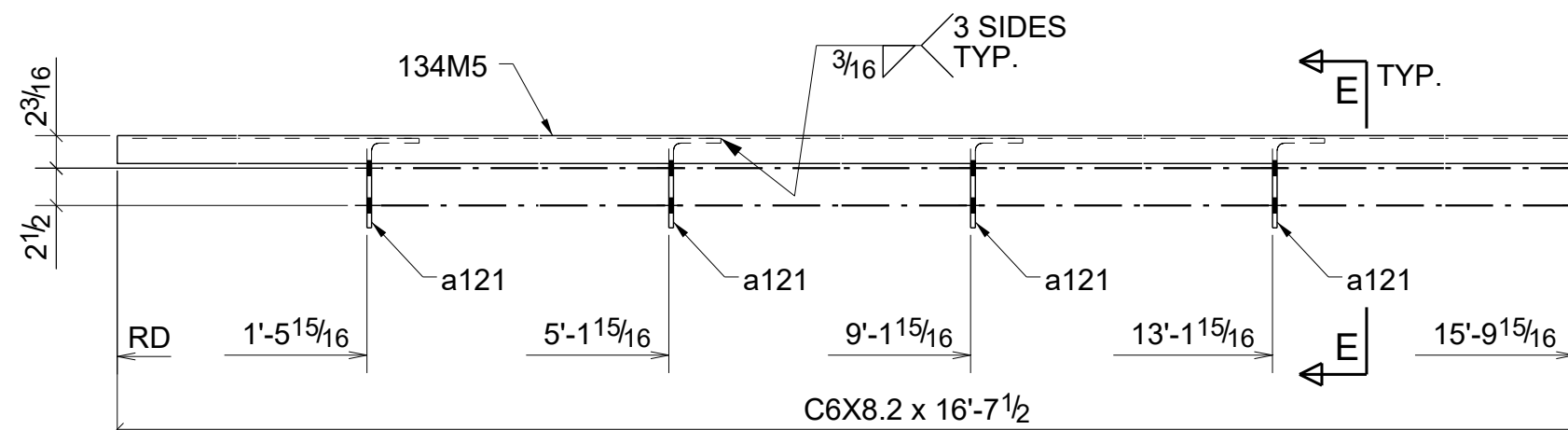
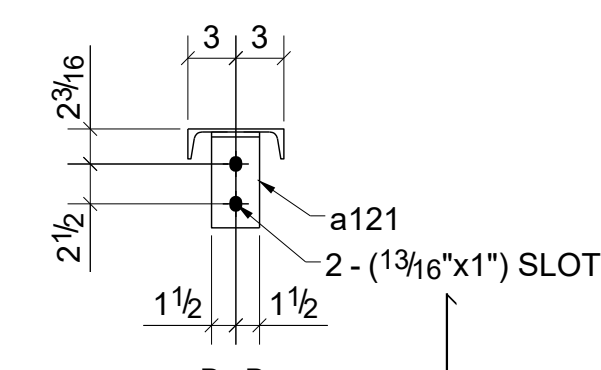
ONE - MISC\_CHANNEL - 134M2



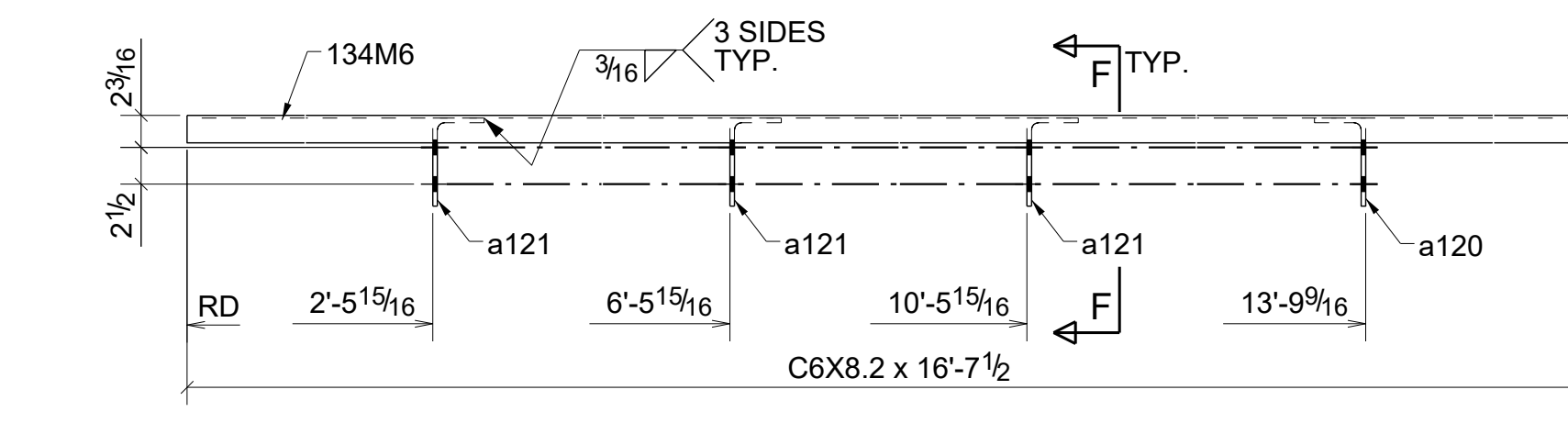
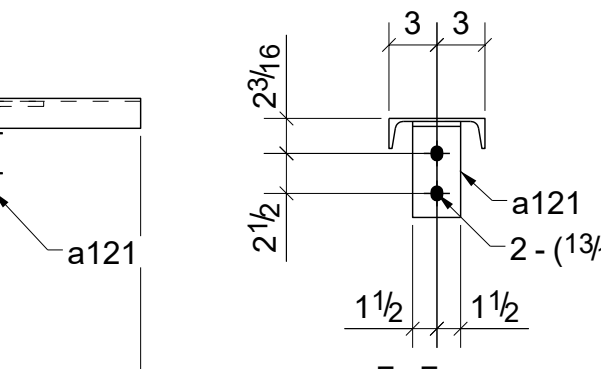
ONE - MISC\_CHANNEL - 134M3



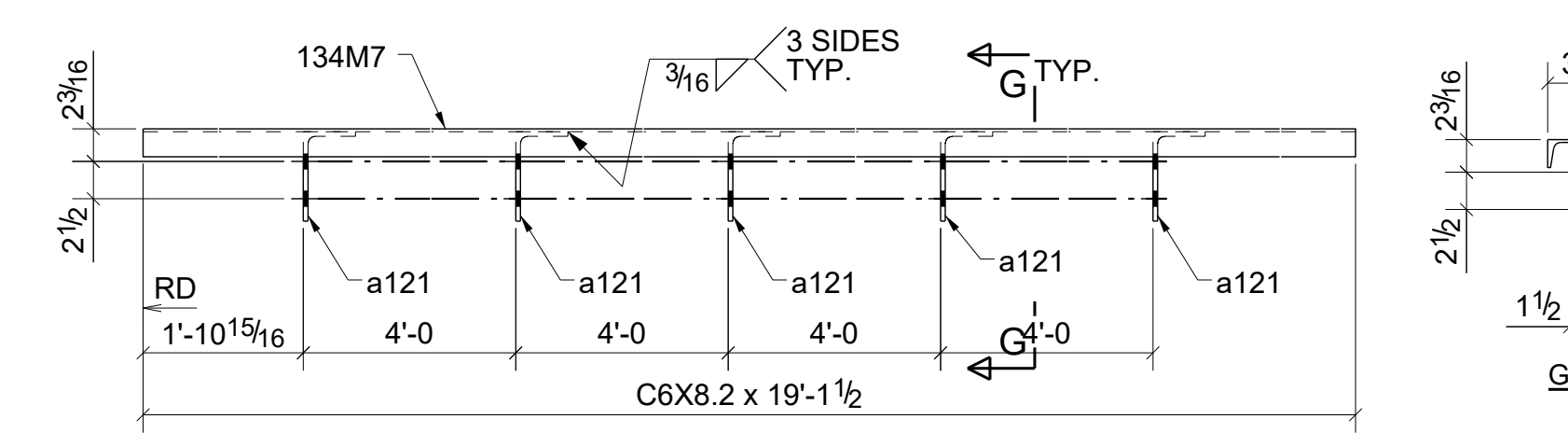
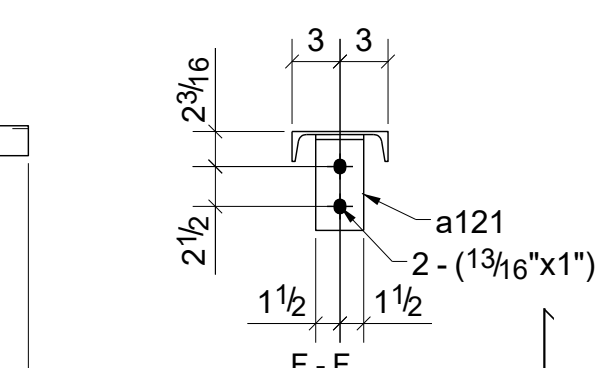
ONE - MISC\_CHANNEL - 134M4



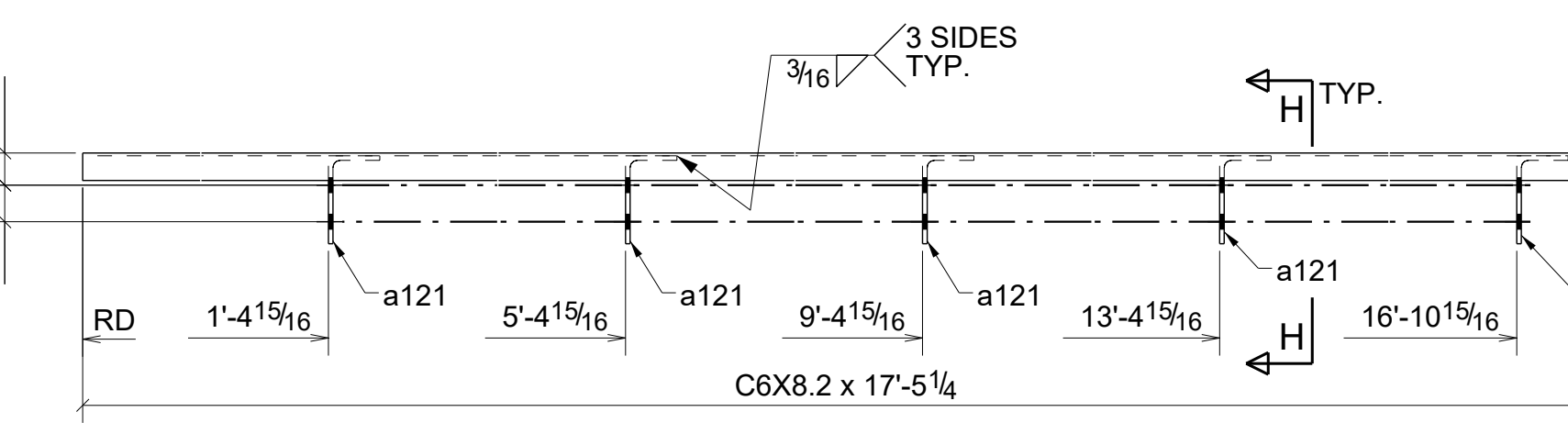
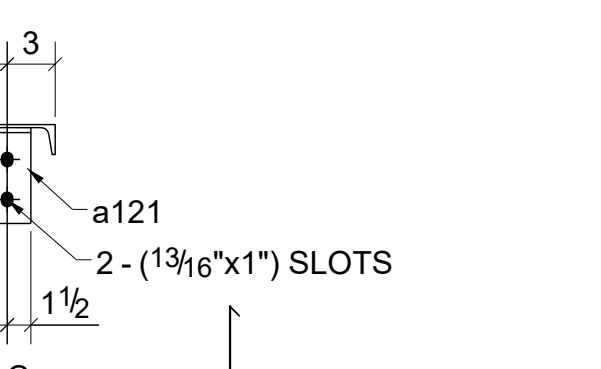
ONE - MISC\_CHANNEL - 134M5



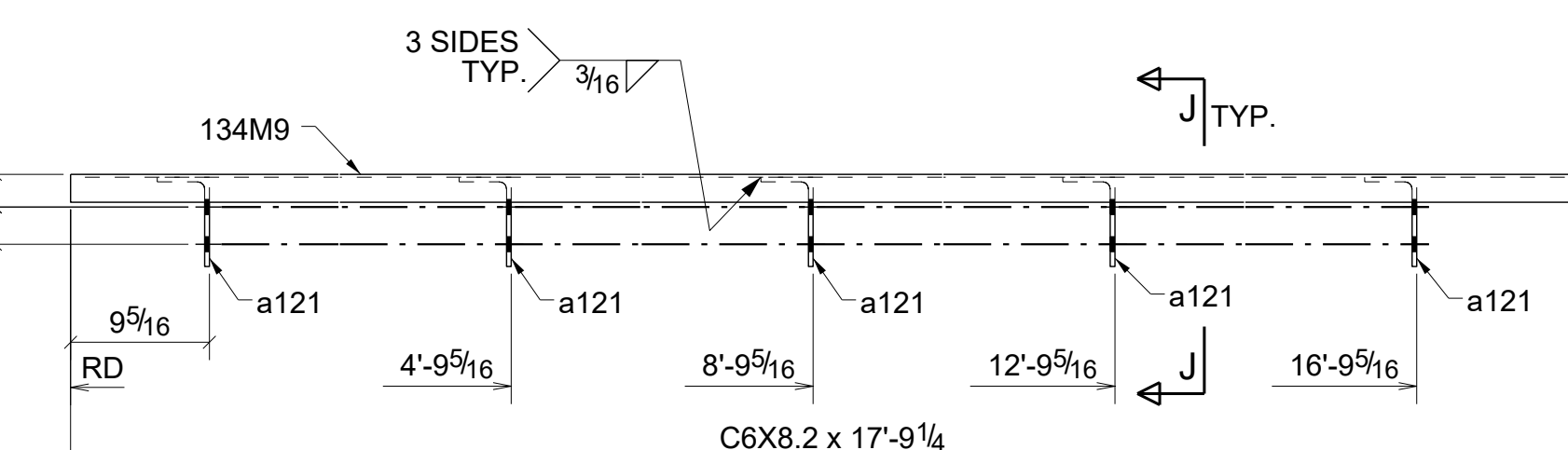
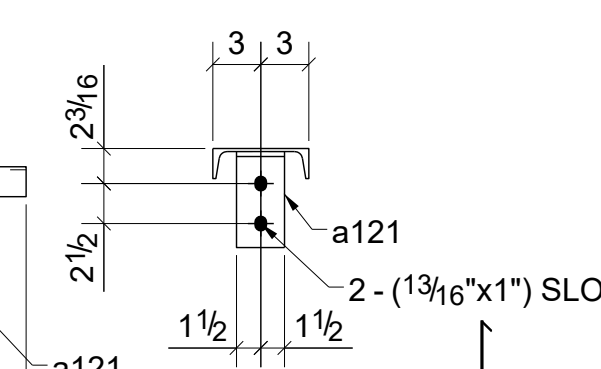
ONE - MISC\_CHANNEL - 134M6



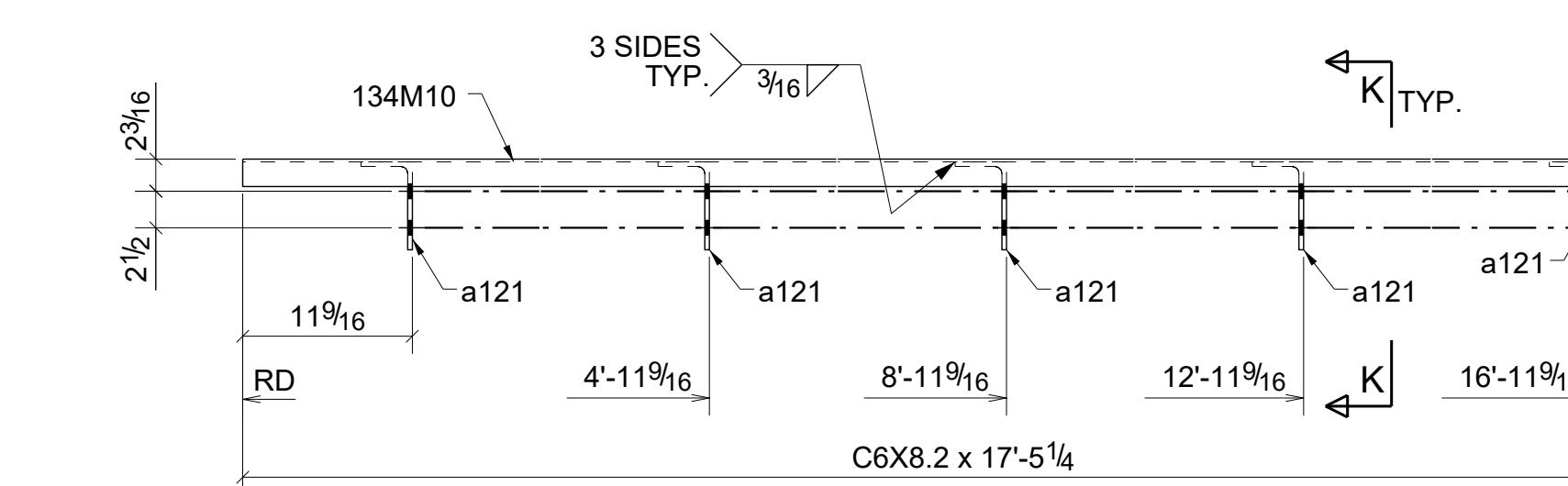
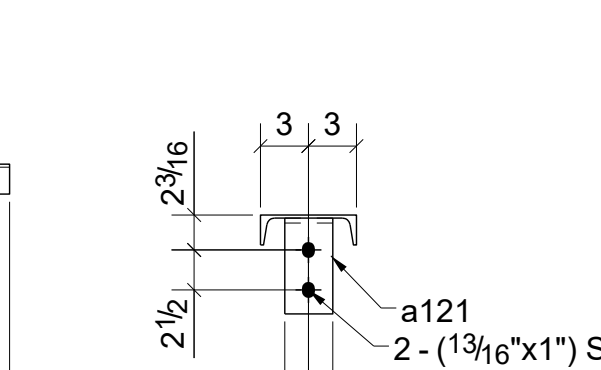
ONE - MISC\_CHANNEL - 134M7



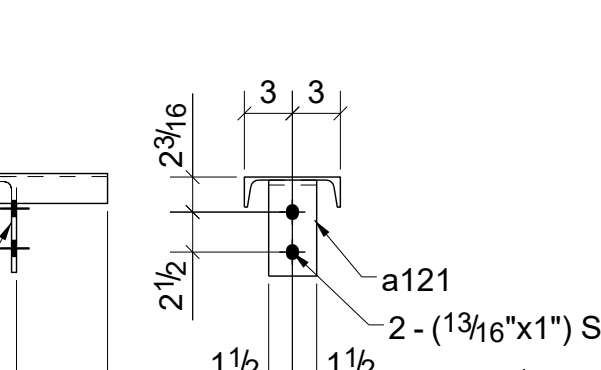
ONE - MISC\_CHANNEL - 134M8



ONE - MISC\_CHANNEL - 134M9



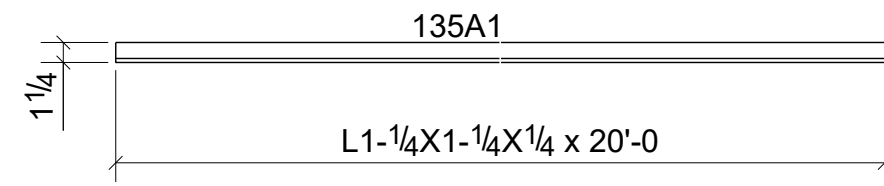
ONE - MISC\_CHANNEL - 134M10



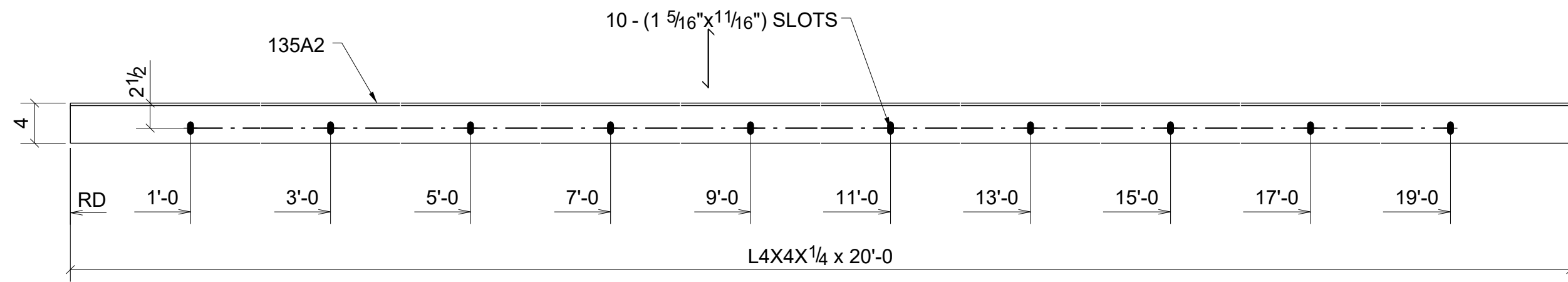
BILL OF MATERIAL

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1	134M1	1	C6X8.2	17'-9 1/4"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a120	A36
1	134M2	1	C6X8.2	17'-5 1/4"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a120	A36
1	134M3	1	C6X8.2	16'-7 1/2"		SQ-2 A36
		4	L6X3-1/2X5/16	0'-3"	a121	A36
1	134M4	1	C6X8.2	16'-7 1/2"		SQ-2 A36
		1	L6X3-1/2X5/16	0'-3"	a120	A36
		3	L6X3-1/2X5/16	0'-3"	a121	A36
1	134M5	1	C6X8.2	16'-7 1/2"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a121	A36
1	134M6	1	C6X8.2	16'-7 1/2"		SQ-2 A36
		1	L6X3-1/2X5/16	0'-3"	a120	A36
		3	L6X3-1/2X5/16	0'-3"	a121	A36
1	134M7	1	C6X8.2	19'-1 1/2"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a121	A36
1	134M8	1	C6X8.2	17'-5 1/4"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a121	A36
1	134M9	1	C6X8.2	17'-9 1/4"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a121	A36
1	134M10	1	C6X8.2	17'-5 1/4"		SQ-2 A36
		5	L6X3-1/2X5/16	0'-3"	a121	A36

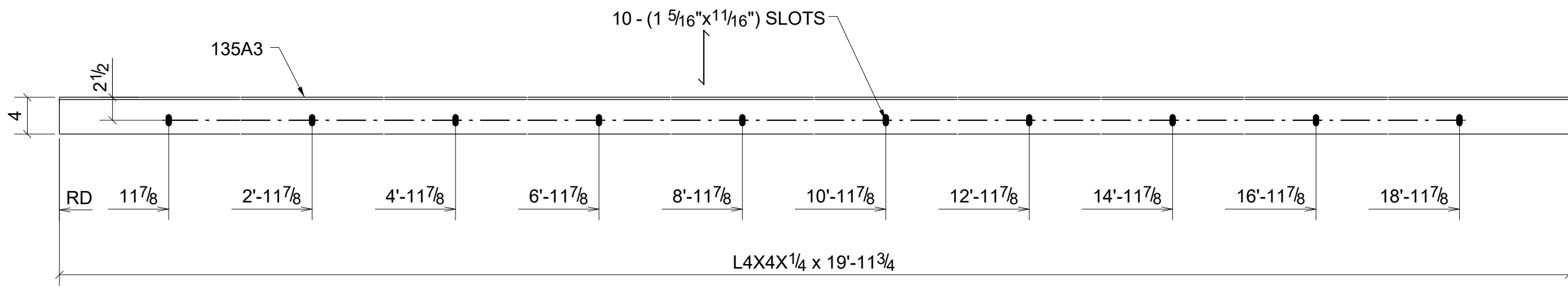
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36		ELECTRODES: E70XX	REF. DRG.	JOB USE
HOLES: 13/16 DIA. UN		CONN'S: 3/4"Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)		APPROVAL		
DESCRIPTION: MISC_CHANNEL				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.		DATE 01/27/2023		
CHKD. BY ABS		DATE 02/02/2023		
JOB No.		DRG. No.		REV.
		134		0



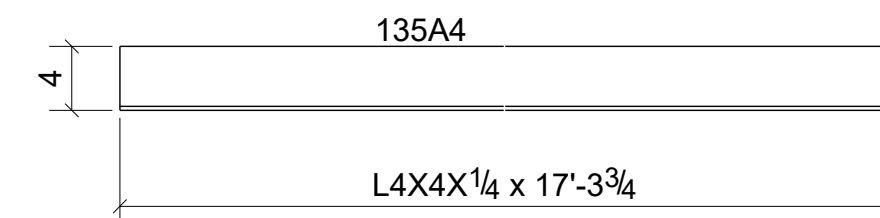
**12 - ANGLES - 135A1**  
FIELD CUT AS REQUIRED



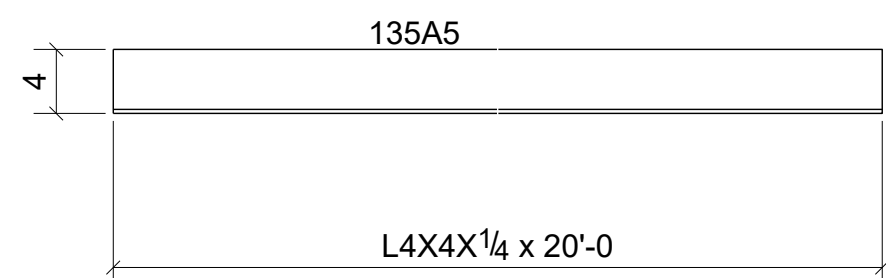
**2 - ANGLES - 135A2**



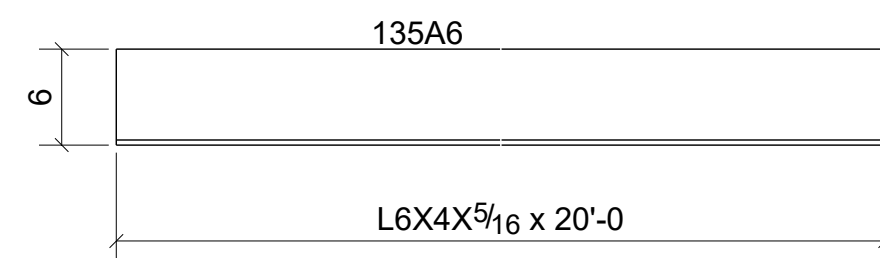
**2 - ANGLES - 135A3**



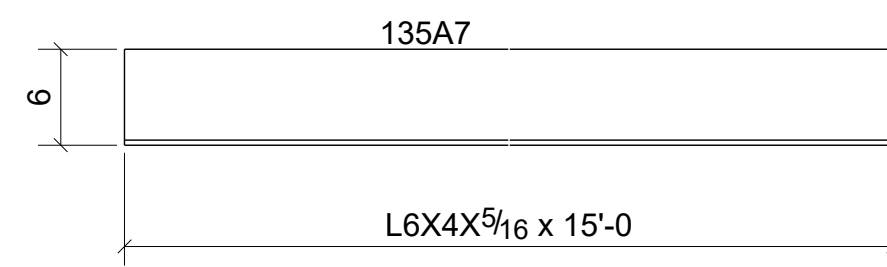
**2 - ANGLES - 135A4**



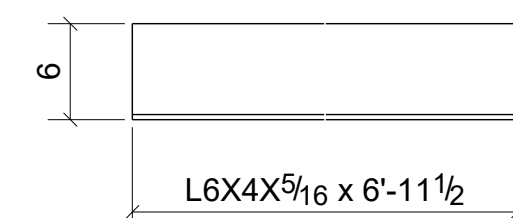
**18 - ANGLES - 135A5**



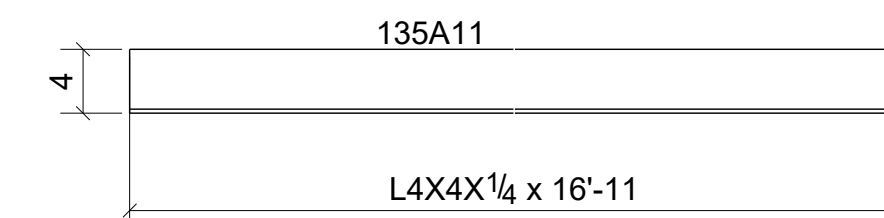
**10 - ANGLES - 135A6**



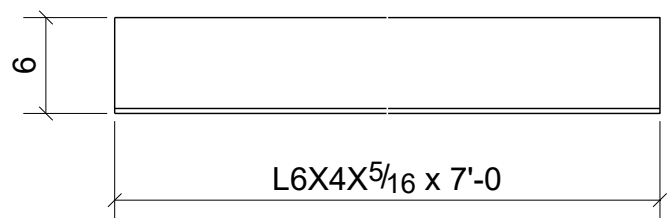
**2 - ANGLES - 135A7**



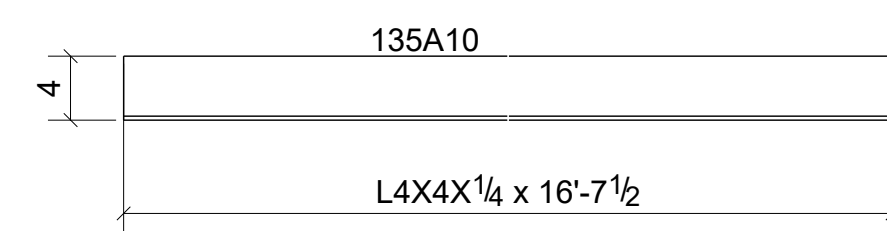
**ONE - ANGLE - 135A8**



**ONE - ANGLE - 135A11**



**ONE - ANGLE - 135A9**



**ONE - ANGLE - 135A10**

**BILL OF MATERIAL**

SHIP	MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
12	135A1	12	L1-1/4X1-1/4X1/4	20'-0"		SO-2 A36 (LNFT)
2	135A2	2	L4X4X1/4	20'-0"		SO-2 A36
2	135A3	2	L4X4X1/4	19'-11 3/4"		SO-2 A36
2	135A4	2	L4X4X1/4	17'-3 3/4"		SO-2 A36
18	135A5	18	L4X4X1/4	20'-0"		SO-2 A36
10	135A6	10	L6X4X5/16	20'-0"		SO-2 A36
2	135A7	2	L6X4X5/16	15'-0"		SO-2 A36
1	135A8	1	L6X4X5/16	6'-11 1/2"		SO-2 A36
1	135A9	1	L6X4X5/16	7'-0"		SO-2 A36
1	135A10	1	L4X4X1/4	16'-7 1/2"		SO-2 A36
1	135A11	1	L4X4X1/4	16'-11"		SO-2 A36

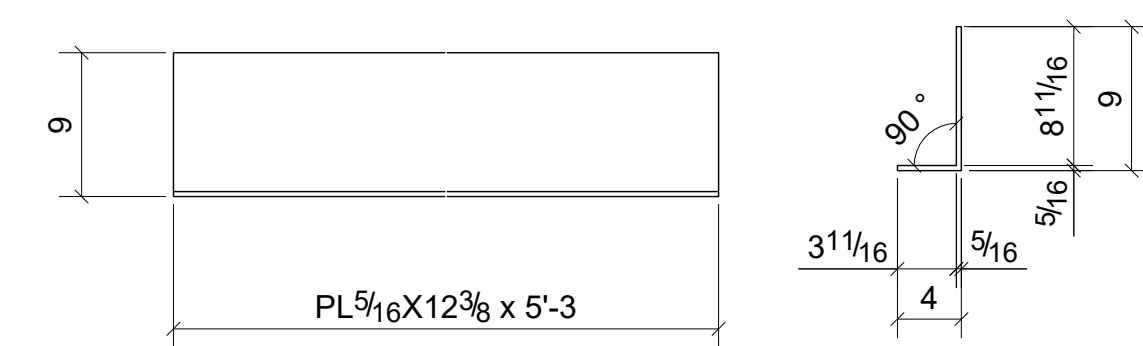
REV.	DESCRIPTION	DATE	DWN	CHK
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS

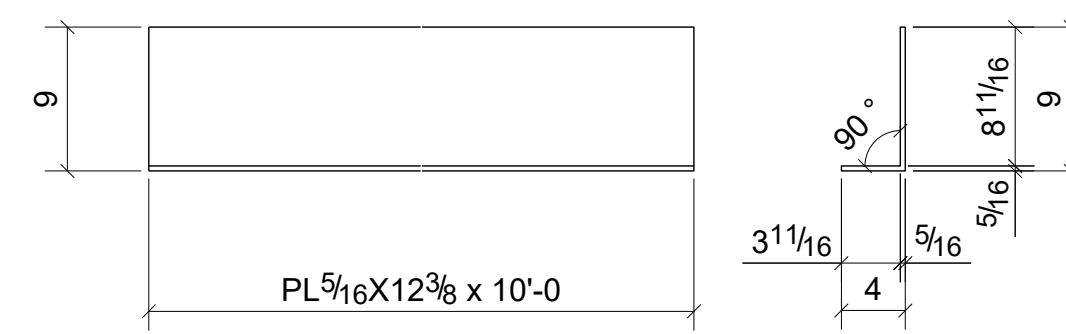
GENERAL NOTES			JOB USE
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	
HOLES: 13/16 DIA. UN	CONN'S: 3/4"Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP
SURFACE PREP. AND PAINT:			APPROVAL
SSPC-SP3 GREY PRIMER (U.N.O.)			
DESCRIPTION: ANGLE			
PROJECT NAME Crooks & Big Beaver Retail Building A & B			
LOCATION Big Beaver, Troy, Michigan			
CONTRACTOR			
DRAWN BY R. K.		DATE 01/27/2023	
CHKD. BY ABS		DATE 02/02/2023	
JOB No.	DRG. No.	REV.	
	135	0	

BILL OF MATERIAL

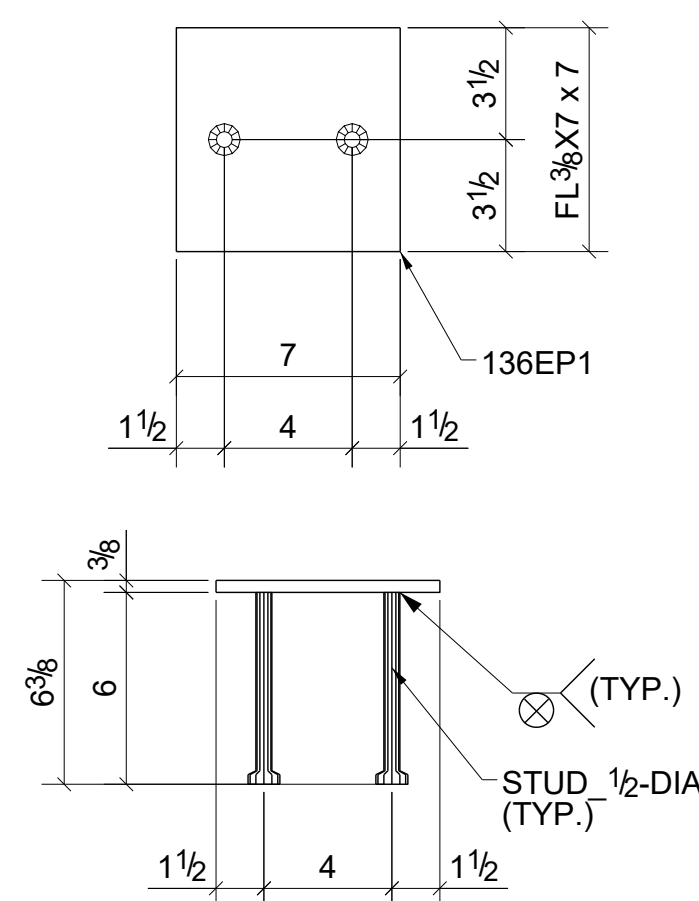
SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
2 136BPL	2	PL5/16X12 3/8	5'-3"		SO2 A36
6 136BPL	6	PL5/16X12 3/8	10'-0"		SO2 A36
2 136EP1	2	FL3/8"X7"	0'-7"		SO2 A36
	4	STUD_1/2-DIA	0'-6"	s101	



2 - BENT\_PLATES - 136BPL1



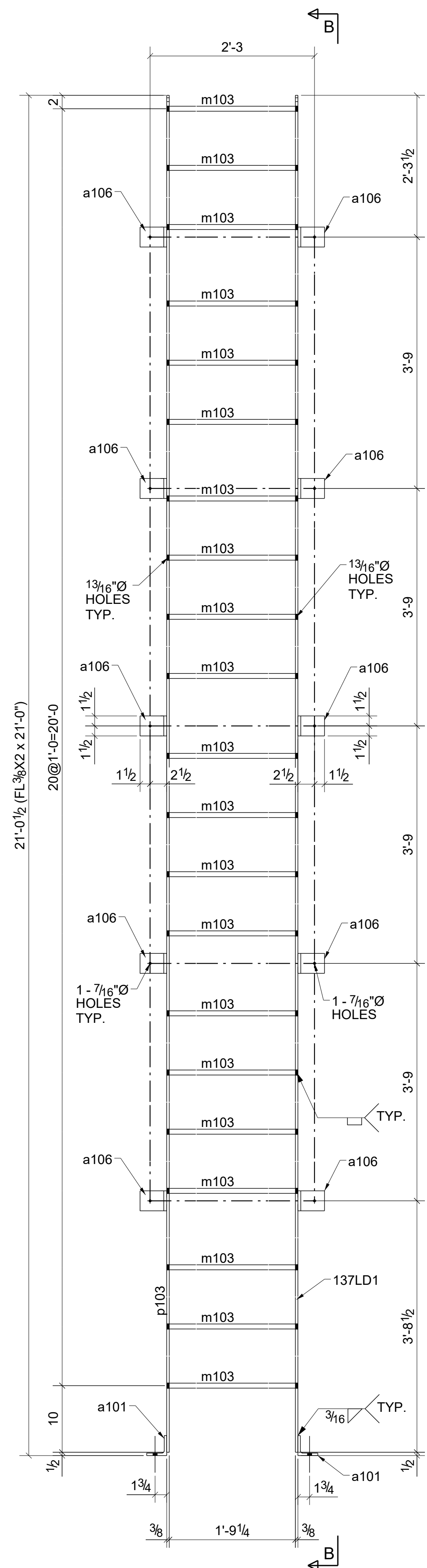
6 - BENT\_PLATES - 136BPL2



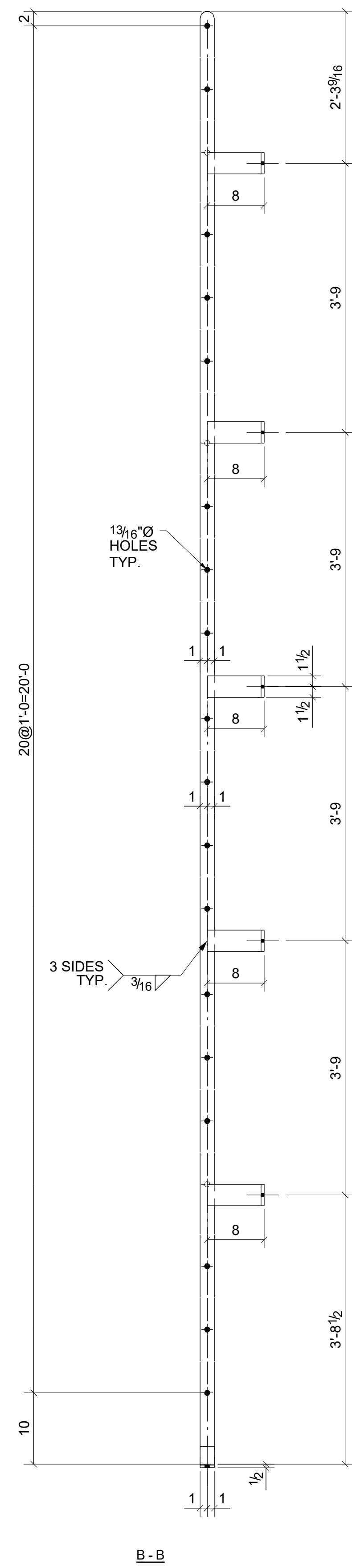
2 - EMBED\_PLATES - 136EP1

NO PAINT

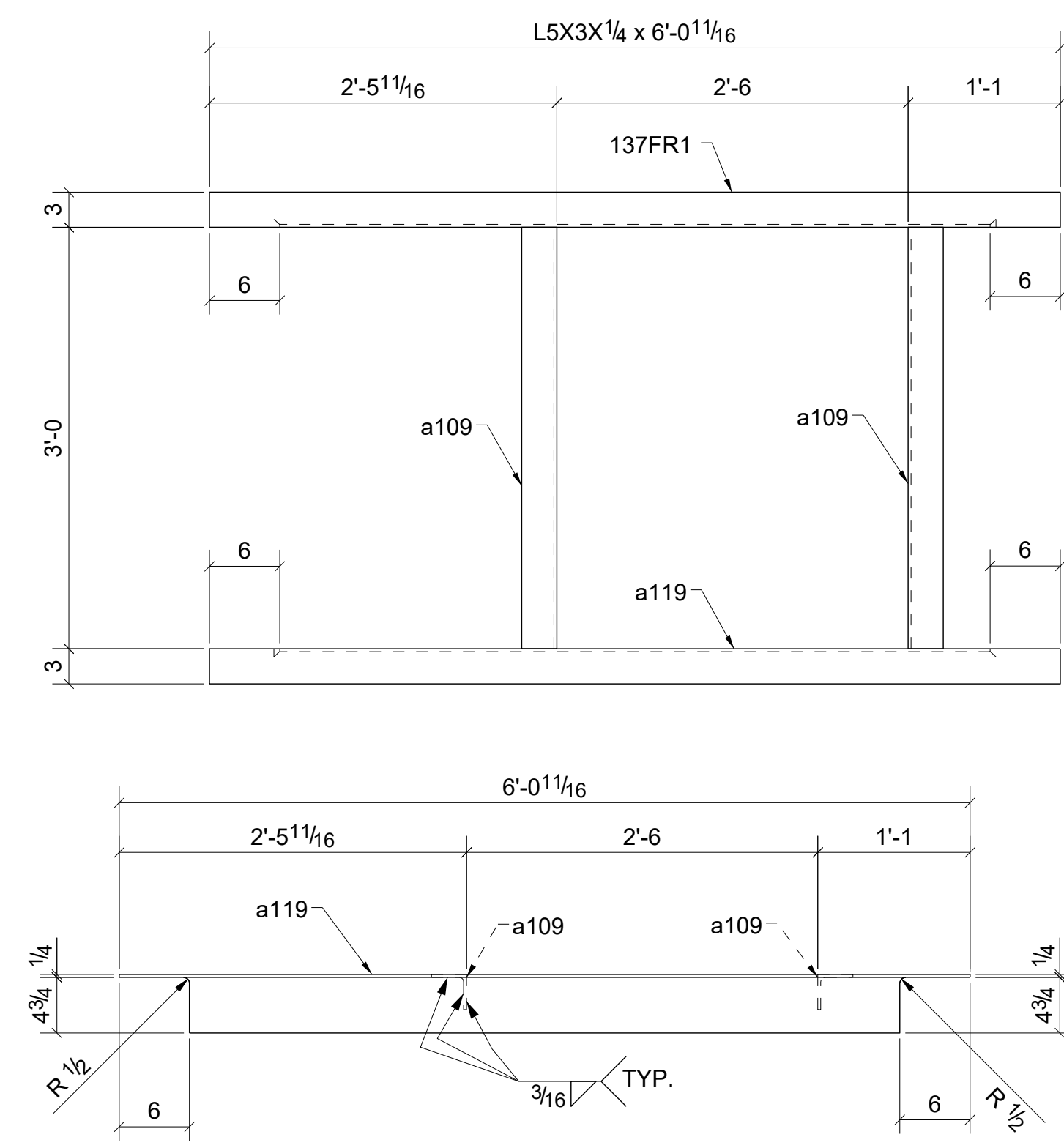
0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	JOB USE	
HOLES: 13/16 DIA. U/N	CONN'S: 3/4"Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP	
SURFACE PREP: AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)			APPROVAL	
DESCRIPTION: BENT_PLATE,EMBED				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
		DRAWN BY R. K.	DATE 01/27/2023	
		CHKD. BY ABS	DATE 02/02/2023	
		JOB No.	DRG. No. 136	REV. 0



ONE - LADDER - 137LD1



B - B



ONE - ROOF\_HATCH - 137FR1

BILL OF MATERIAL

SHIP MARK	NO PCS	DESCRIPTION	LENGTH	PIECE MARK	REMARKS
1 137FR1	1	L5X3X1/4	6'-0 11/16"		SO2 A36
	2	L3X3X1/4	3'-0"	a109	A36
	1	L5X3X1/4	6'-0 11/16"	a119	A36
1 137LD1	1	FL3/8\"X2"	21'-0"		SO2 A36
	2	L3X3X3/8	0'-2"	a101	A36
	10	L8X4X7/16	0'-3"	a106	A36
	21	3/4\"Ø ROD	1'-9 5/8"	m103	A36
	1	FL3/8\"X2"	21'-0"	p103	A36

0	For Fabrication	04/03/2023	R. K.	ABS
A	For Approval	02/06/2023	R. K.	ABS
REV.	DESCRIPTION	DATE	DWN	CHK
<b>GENERAL NOTES</b>				
MATERIAL: A36	ELECTRODES: E70XX	REF. DRG.	JOB USE	
HOLES: 13/16 DIA. UN	CONN'S: 3/4\"Ø HIGH TENSILE	<b>E102 - E112</b>	SHOP	
SURFACE PREP. AND PAINT: SSPC-SP3 GREY PRIMER (U.N.O.)			APPROVAL	
DESCRIPTION: LADDER & FRAME				
PROJECT NAME Crooks & Big Beaver Retail Building A & B				
LOCATION Big Beaver, Troy, Michigan				
CONTRACTOR				
DRAWN BY R. K.			DATE 01/27/2023	
CHKD. BY ABS			DATE 02/02/2023	
JOB No.			DRG. No. 137	
			REV. 0	