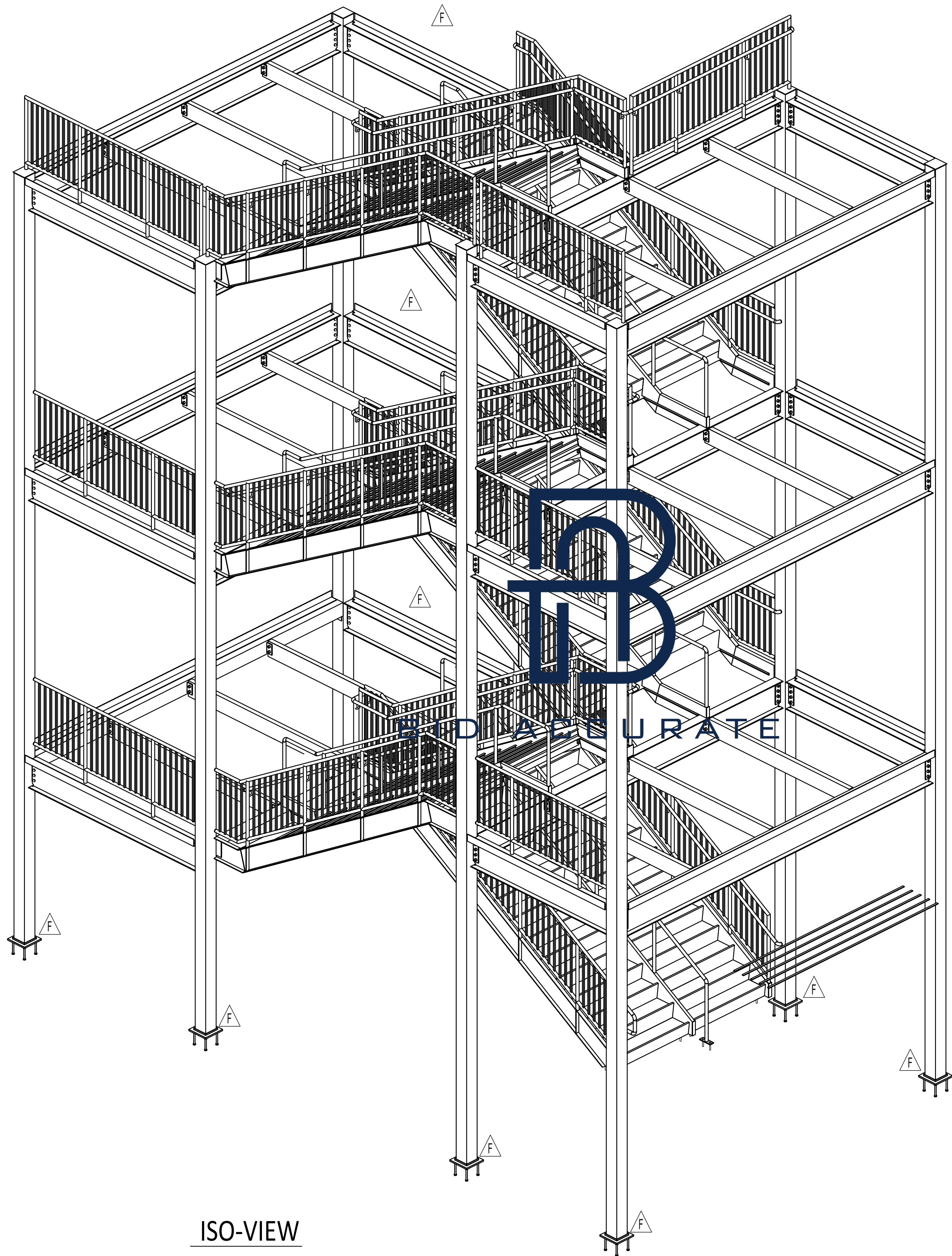




ISO-VIEW

HOLES: 13/16 Ø	WELDS: E70XXLH
PAINT: --	SURFACE PREP:--
MATERIALS:	
STEEL WF:	A992
STEEL PLATES,ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: 3/4 Ø A325N U.N.O	
MISC:	

△F	RS&H COMMENTS UPDATED	JVL	07-02-24
△E	4TH FLOOR LANDING CHANGES	JVL	06-14-24
△D	HEADER BEAMS UPDATION	JVL	06-13-24
△C	ENGINEER COMMENTS UPDATED	JVL	06-04-24
△B	ENGINEER DESIGN UPDATED	JVL	05-16-24
△A	FOR APPROVAL	JVL	04-01-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:	

BID ACCURATE LLC

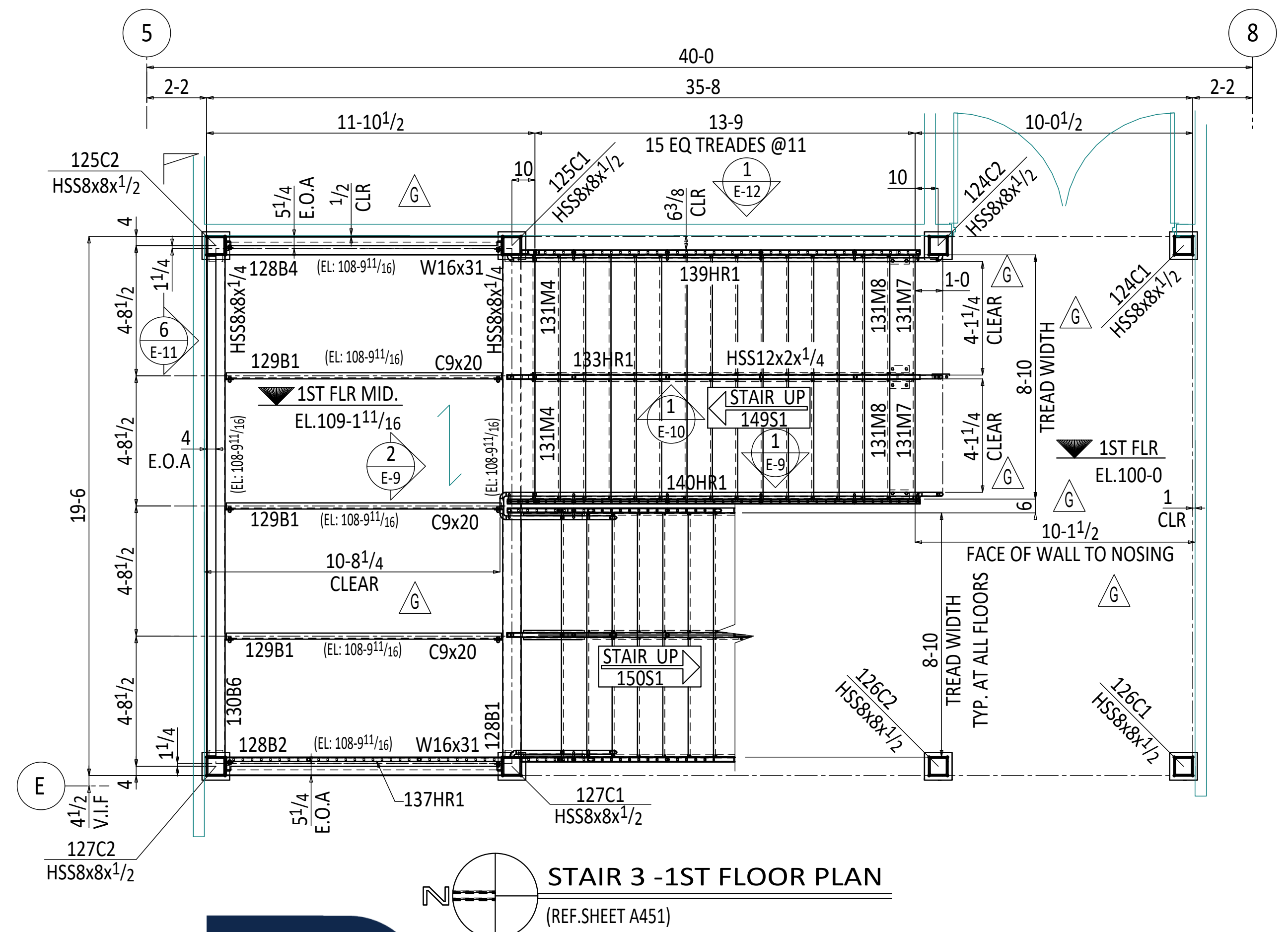
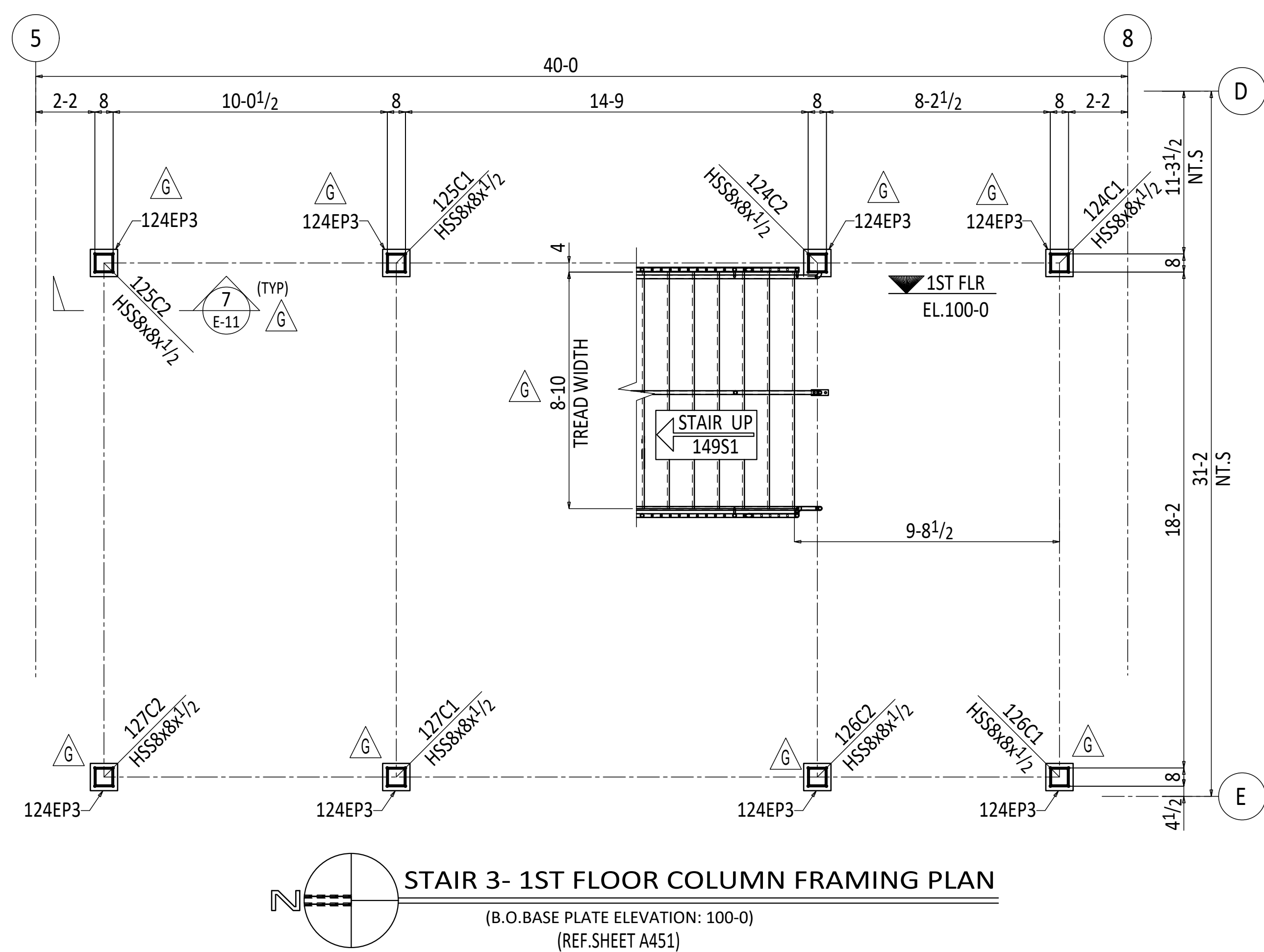
PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL	
	DATE: 04-01-24	DATE: 04-01-24	
	PROJECT NUMBER	SHEET	REV
DESCRIPTION: ISOMETRIC VIEW-STAIR-3	--	E-ISO-1	△E



BID ACCURATE



	FOR FIELD USE	JVL	07-02-24
REV	Description	BY	Date
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:	
BID ACCURATE LLC			
PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL		DRAWN BY: MSV	CHECKED BY: JVL
		DATE: 07-02-24	DATE: 07-02-24
		PROJECT NUMBER	SHEET REV
DESCRIPTION: EMBED FRAMING PLAN AND SECTION		--	EB1



NOT IN USE

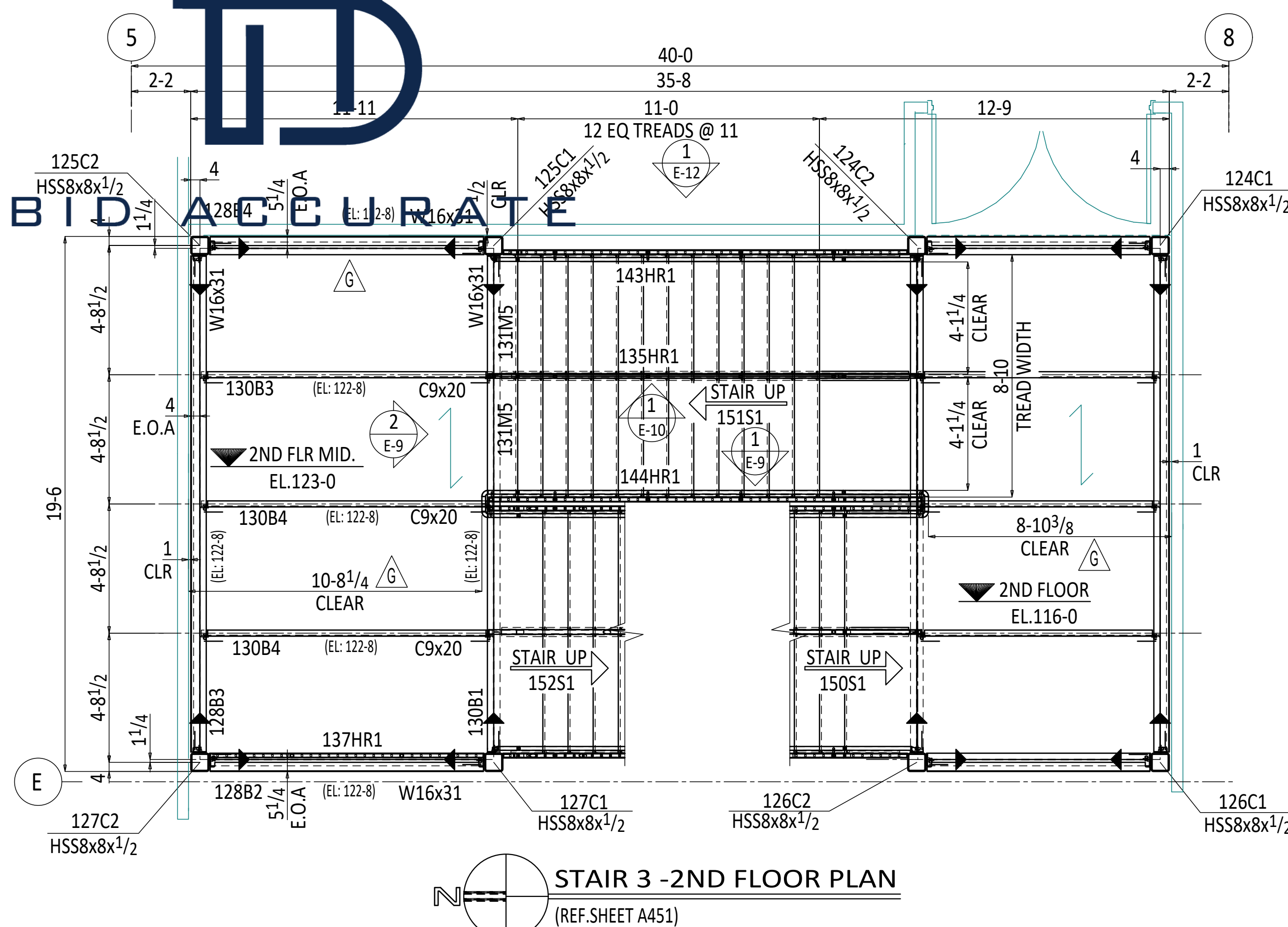
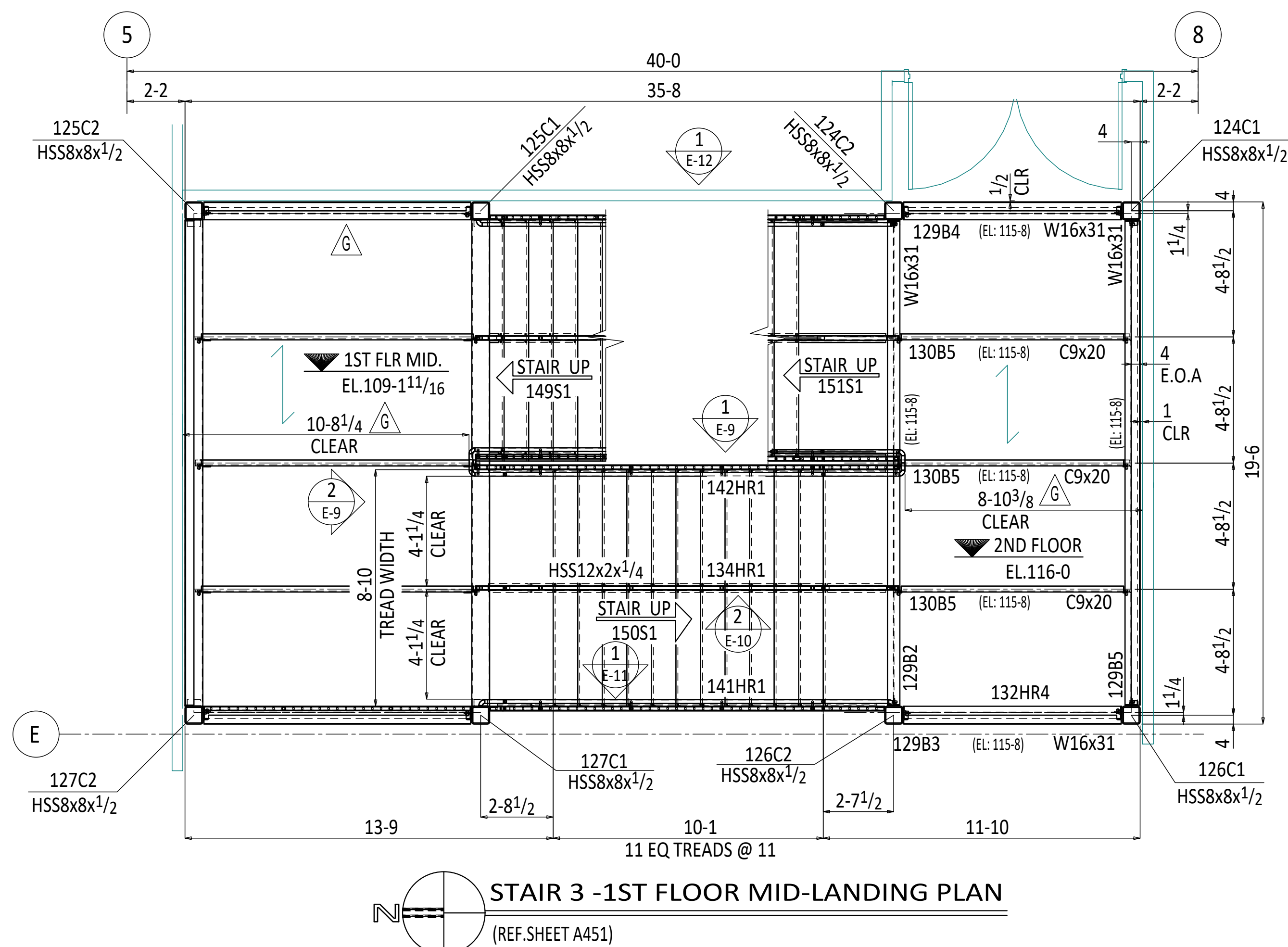
1 TYP. BASE PLATE DETAIL
E-7

NOT IN USE

2 TYP. BASE PLATE DETAIL
E-7

PLAN NOTES:
1) E.O.A --DENOTES EDGE OF ANGLE DIMENSIONS
2) --DENOTES FIELD MOMENT CONNECTION REFER 5 & 6/E12
3) --DENOTES 1 1/2" 20 GA. TYPE B PAINTED METAL DECK SPAN (4" TOTAL DECK THICKNESS WITH CONCRETE TOPPING.)

MATERIAL NOTES: (U.N.O)
1) ALL STRINGERS ARE MC12x14.3 (Grade. A36)
2) ALL LANDING INTERIOR SUPPORT BEAMS ARE C9x20 (Grade. A36)
3) ALL LANDING PERIMETER SUPPORT BEAMS ARE W16x31 (Grade. A992)
4) ALL PIPE TO BE ASTM A 500B
5) ALL GUARDRAIL PICKETS ARE 3/4" SQUARE BARS (Grade. A36)
6) ALL HANDRAIL SUPPORTS ARE 3/4" ROUND BARS (Grade. A36)
7) ALL TREAD PAN PLATES ARE 14 GA" (Grade. A36)

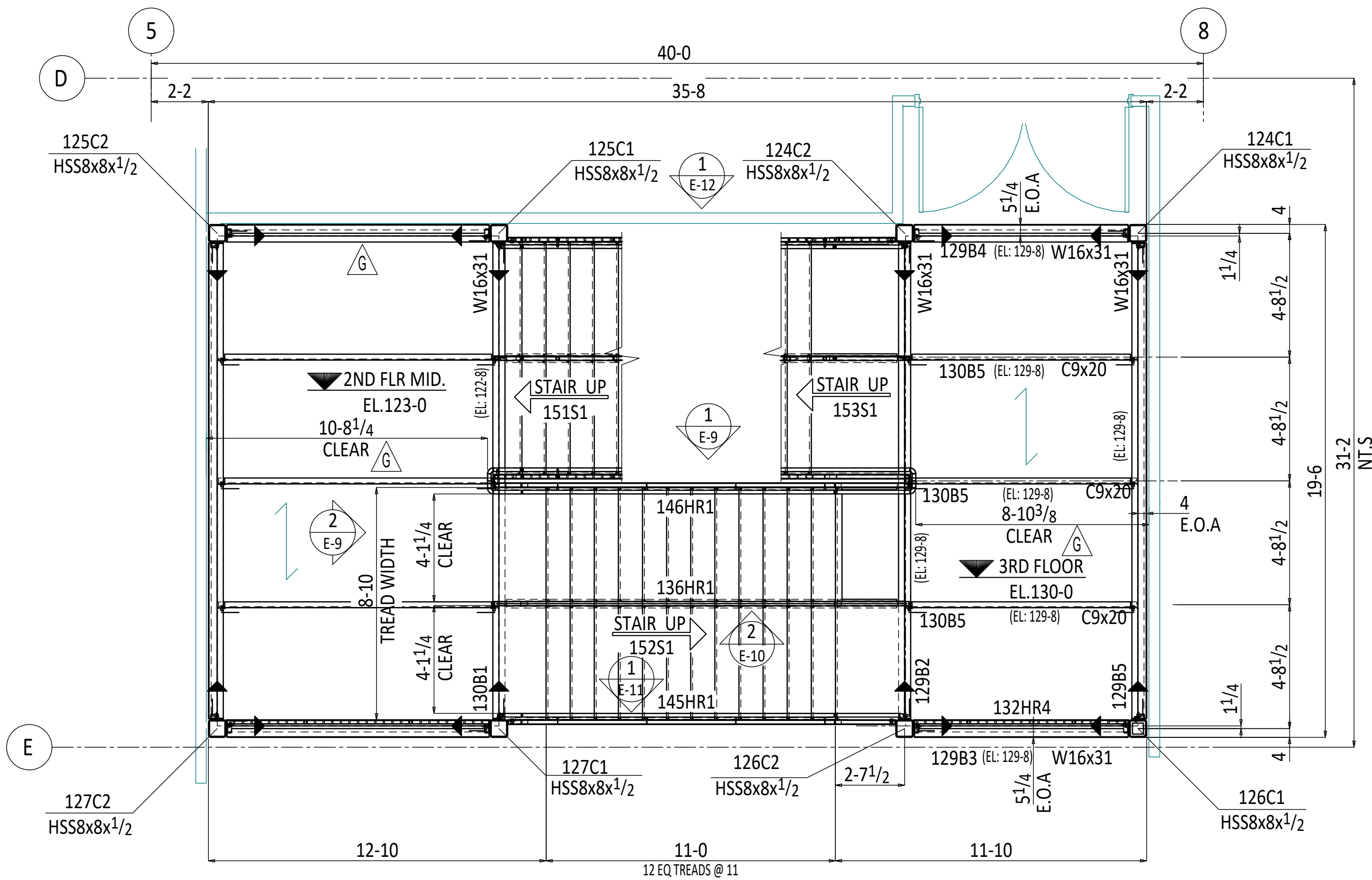


HOLES: 13/16 Ø	WELDS: E70XXLH
PAINT: --	SURFACE PREP:--
MATERIALS:	
STEEL WF:	A992
STEEL PLATES, ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES:	ASTM A500, GRADE C
BOLTS: 3/4 Ø A325N U.N.O	
MISC:	

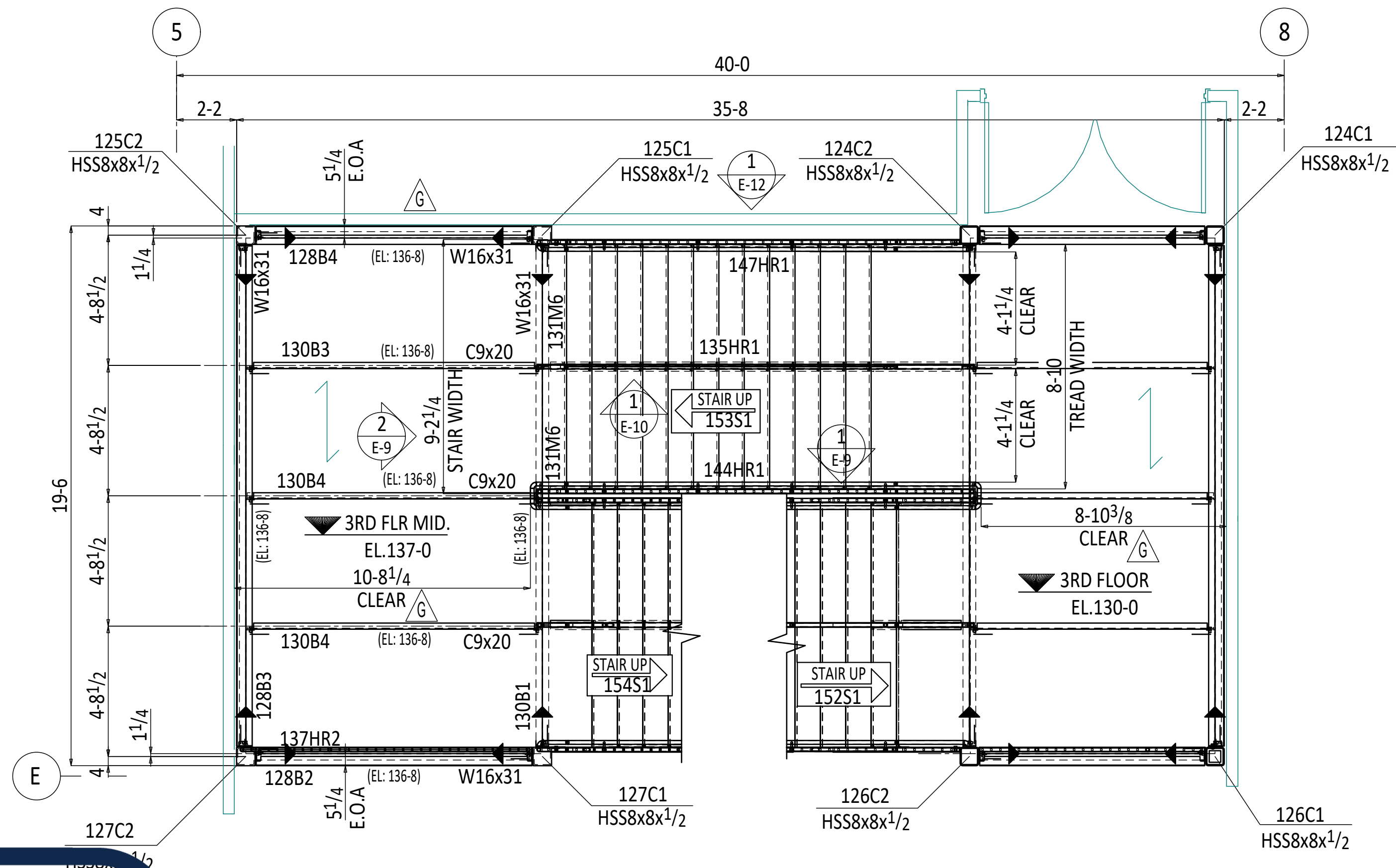
REV	DESCRIPTION	BY	DATE
G	RS&H COMMENTS UPDATED	JVL	07-02-24
F	4TH FLOOR LANDING CHANGES	JVL	06-14-24
E	HEADER BEAMS UPDATION	JVL	06-13-24
D	ENGINEER COMMENTS UPDATED	JVL	06-04-24
C	FIELD DIMENSION UPDATED	JVL	05-28-24
B	ENGINEER DESIGN UPDATED	JVL	05-16-24
A	FOR APPROVAL	JVL	04-01-24
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:	

BID ACCURATE LLC

PROJECT NAME:	DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION	DATE: 04-01-24	DATE: 04-01-24
4949 BLANDING BLVD.	PROJECT NUMBER	SHEET
JACKSONVILLE, FL	--	REV
DESCRIPTION:		
STAIR FRAMING PLANS AND SECTIONS	E-7	G



STAIR 3 -2ND FLOOR MID LANDING PLAN
(REF.SHEET A451)



STAIR 3 -3RD FLOOR PLAN
(REF.SHEET A451)

- PLAN NOTES:**
- 1) E.O.A --DENOTES EDGE OF ANGLE DIMENSIONS
 - 2) --DENOTES FIELD MOMENT CONNECTION REFER 5 & 6/E12
 - 3) --DENOTES 1 1/2" 20 GA. TYPE B PAINTED METAL DECK SPAN (4" TOTAL DECK THICKNESS WITH CONCRETE TOPPING.)

- MATERIAL NOTES: (U.N.O)**
- 1) ALL STRINGERS ARE MC12x14.3 (Grade. A36)
 - 2) ALL LANDING INTERIOR SUPPORT BEAMS ARE C9x20 (Grade. A36)
 - 3) ALL LANDING PERIMETER SUPPORT BEAMS ARE W16x31 (Grade. A992)
 - 4) ALL PIPE TO BE ASTM A 500B
 - 5) ALL GUARDRAIL PICKETS ARE 3/4" SQUARE BARS (Grade. A36)
 - 6) ALL HANDRAIL SUPPORTS ARE 3/4" ROUND BARS (Grade. A36)
 - 7) ALL TREAD PAN PLATES ARE 14 GA" (Grade. A36)

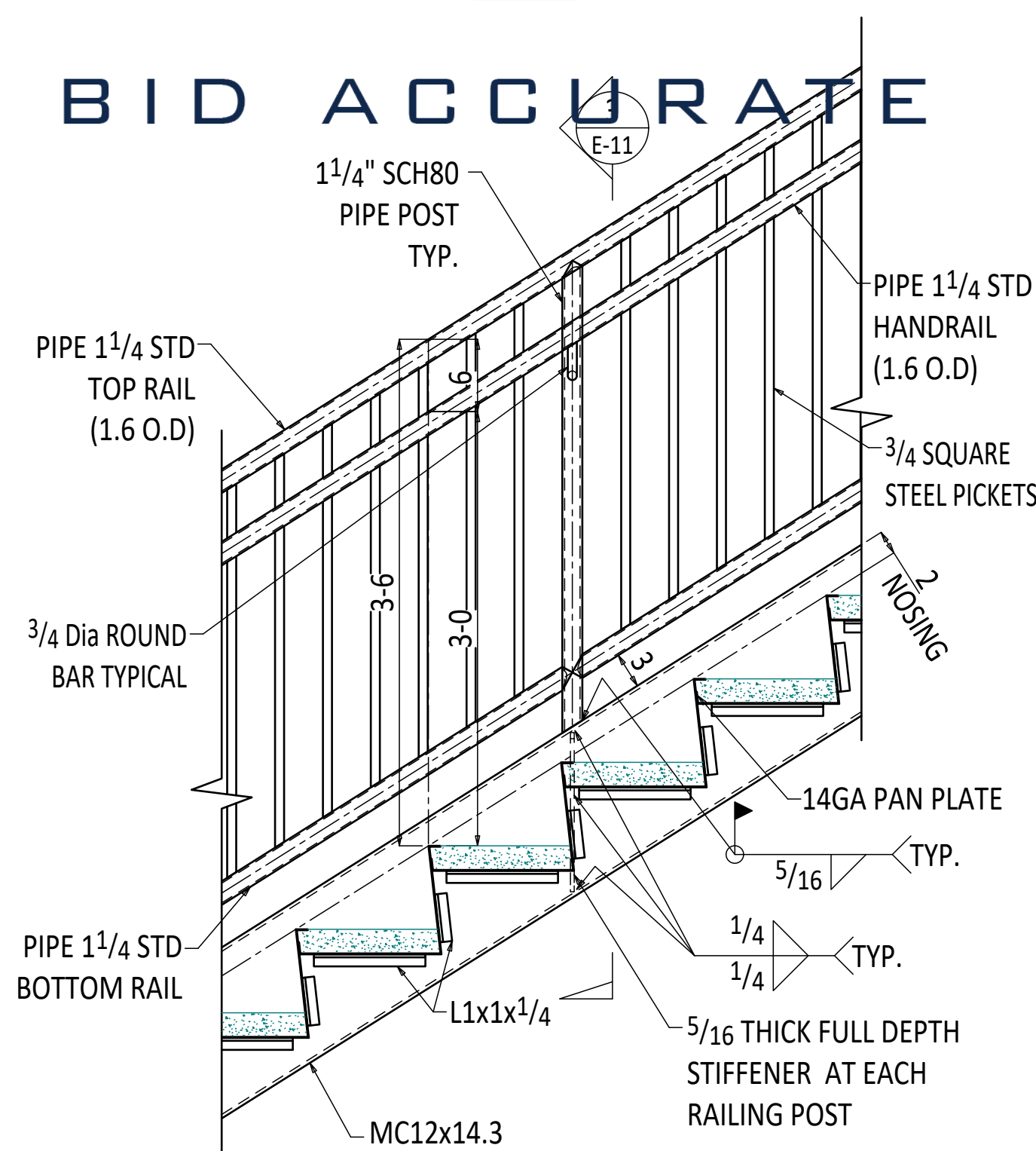
HOLES: 13/16 Ø	WELDS: E70XXLH
PAINT: --	SURFACE PREP:--
MATERIALS:	
STEEL WF:	A992
STEEL PLATES, ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES:	ASTM A500, GRADE C
BOLTS: 3/4 Ø A325N U.N.O	
MISC:	

REV	DESCRIPTION	BY	DATE
G	RS&H COMMENTS UPDATED	JVL	07-02-24
F	4TH FLOOR LANDING CHANGES	JVL	06-14-24
E	HEADER BEAMS UPDATION	JVL	06-13-24
D	ENGINEER COMMENTS UPDATED	JVL	06-04-24
C	FIELD DIMENSION UPDATED	JVL	05-28-24
B	ENGINEER DESIGN UPDATED	JVL	05-16-24
A	FOR APPROVAL	JVL	04-01-24
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL			AS BUILT:

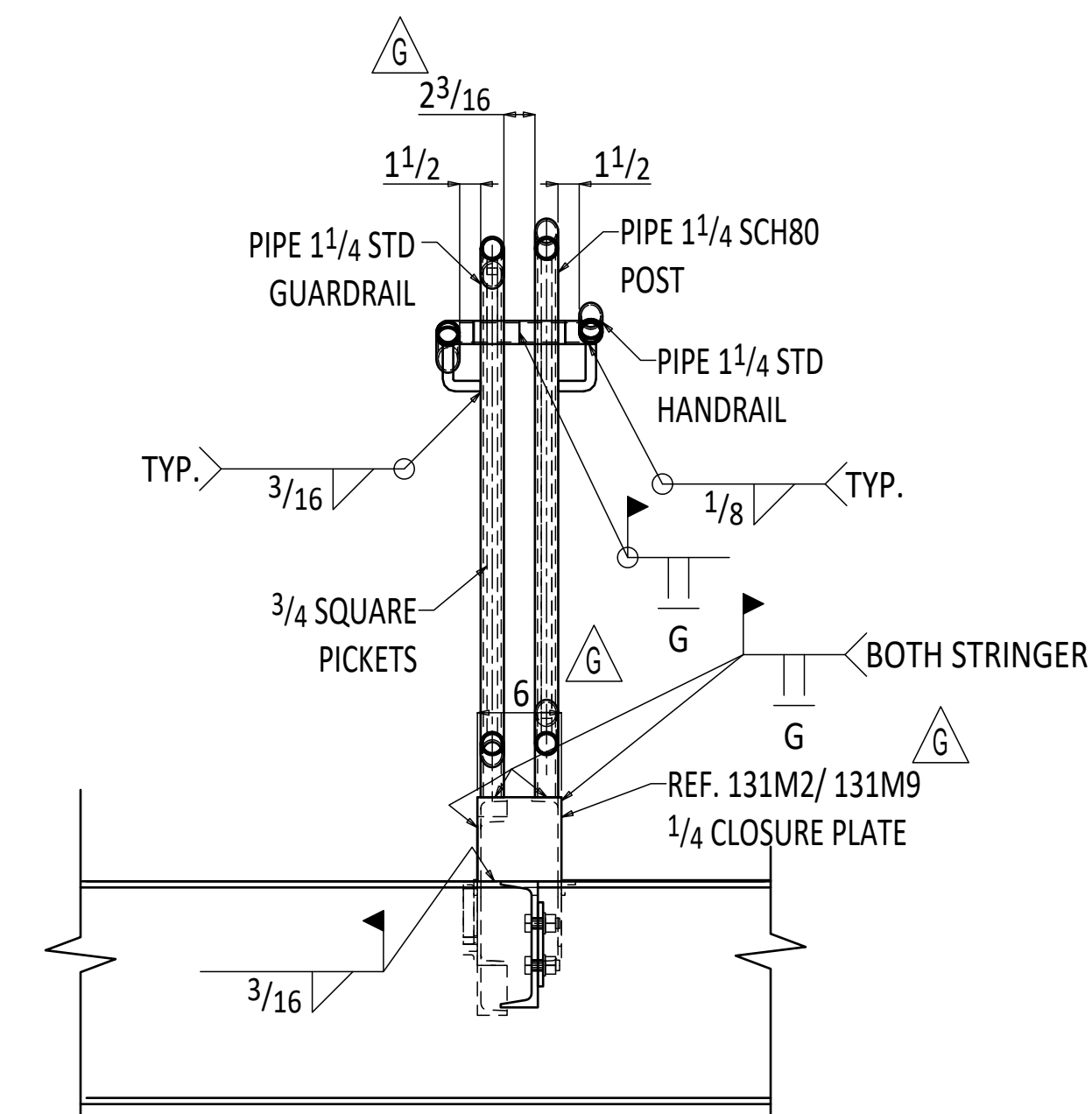
BID ACCURATE LLC

PROJECT NAME:	DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION	DATE: 04-01-24	DATE: 04-01-24
4949 BLANDING BLVD.	PROJECT NUMBER	SHEET
JACKSONVILLE, FL		REV
DESCRIPTION:	--	E-8
STAIR FRAMING PLANS AND SECTIONS		

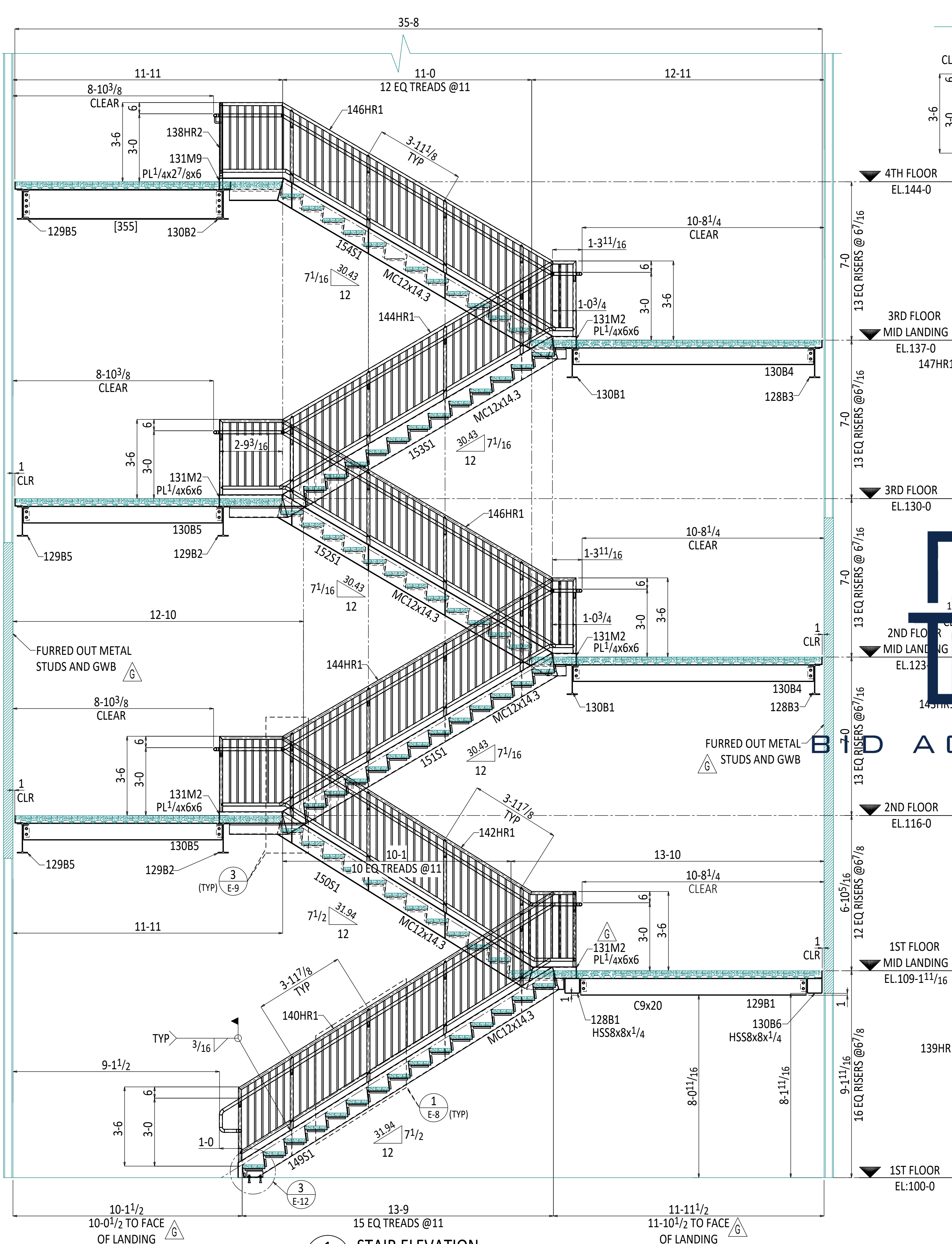
BID ACCURATE



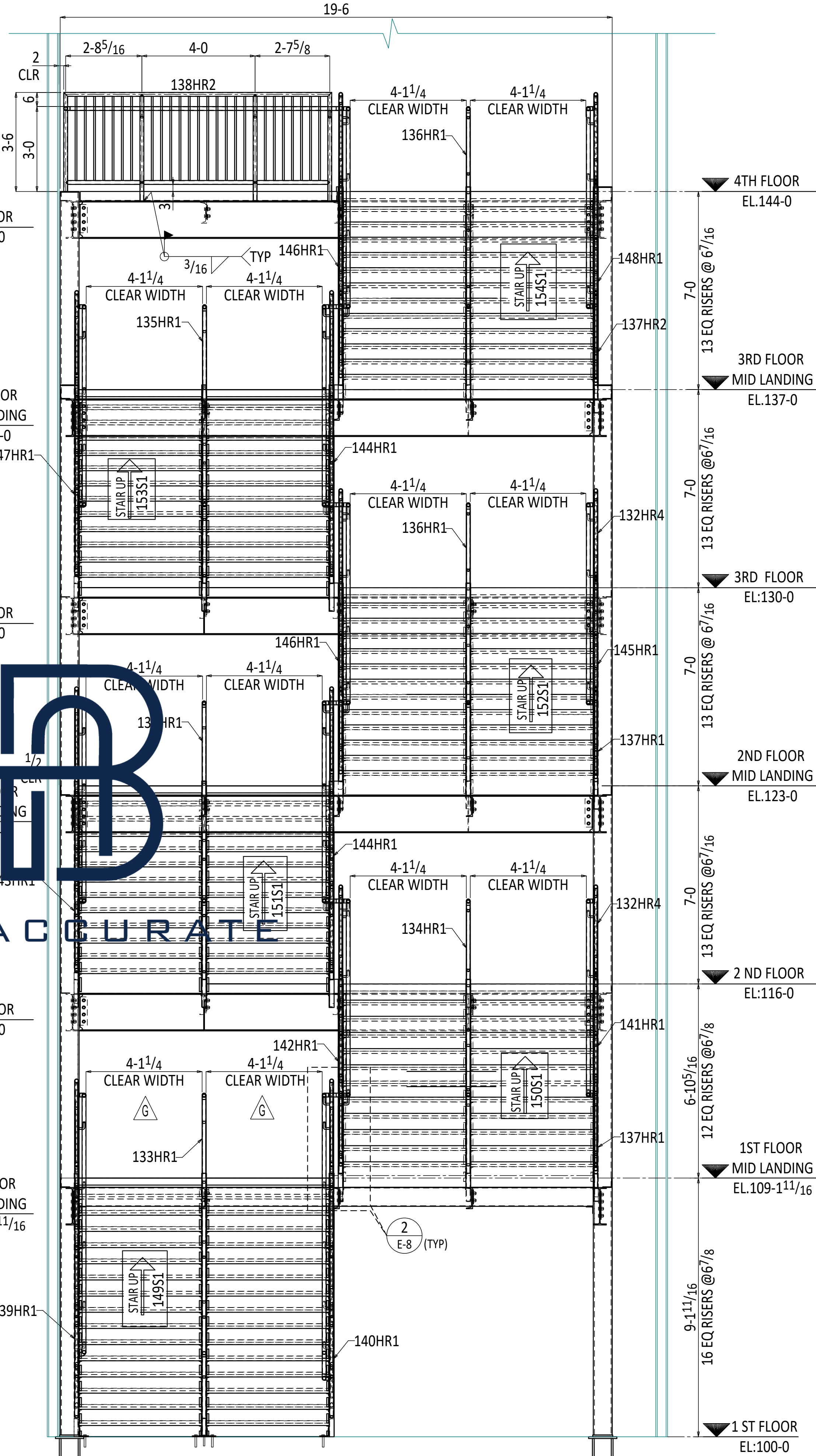
1 TYP. STAIR RAILING DETAIL
(REF. SECTION 4/A452)



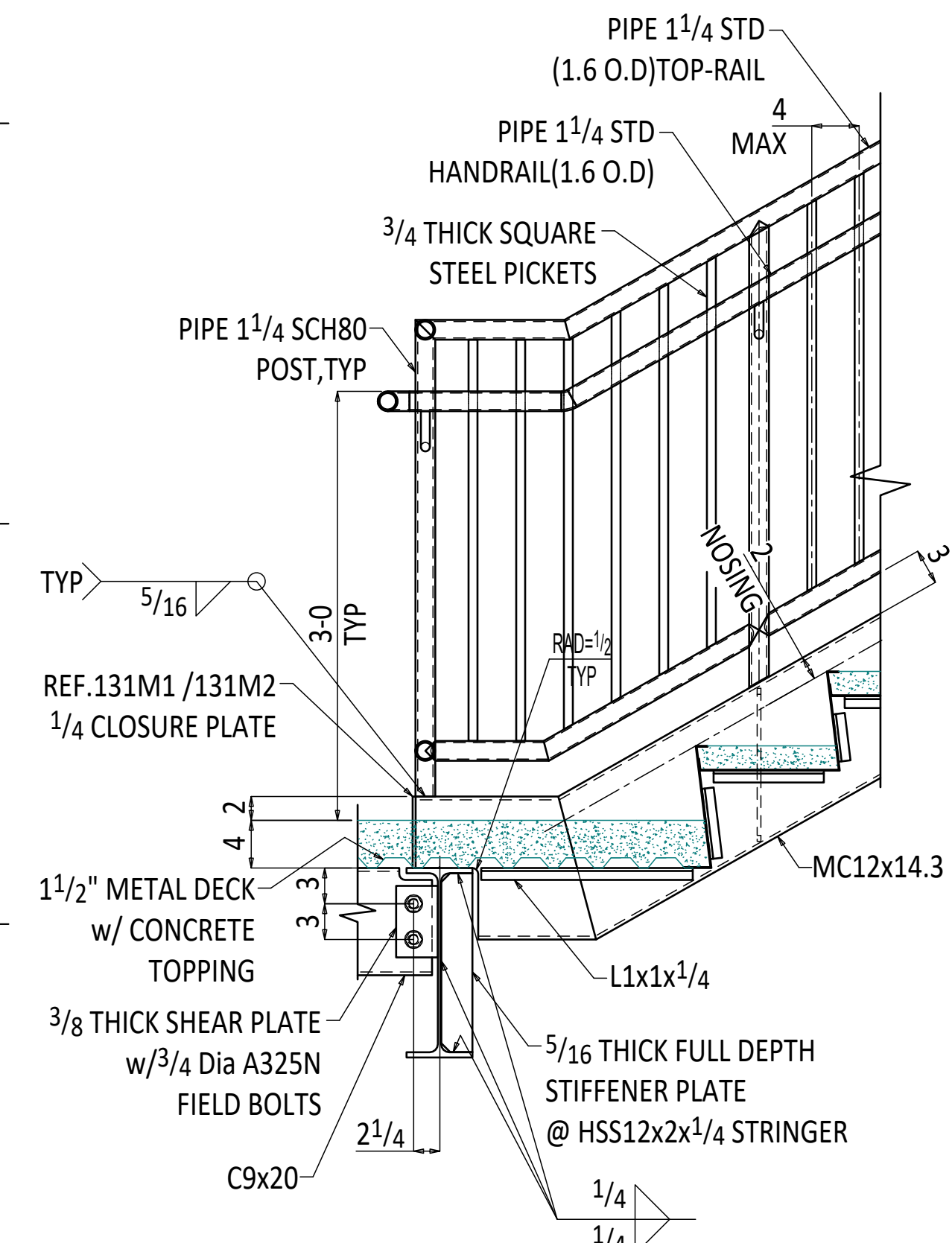
2 TYP. STAIR RAILING SPLICE @ LANDING
(REF. SECTION 4/A452)



1 STAIR ELEVATION
E-9



2 STAIR ELEVATION
E-9 (REF. SECTION C3/A451)



3 TYP. LANDING CONN. DETAIL
E-9 (REF. SECTION 2/A452)

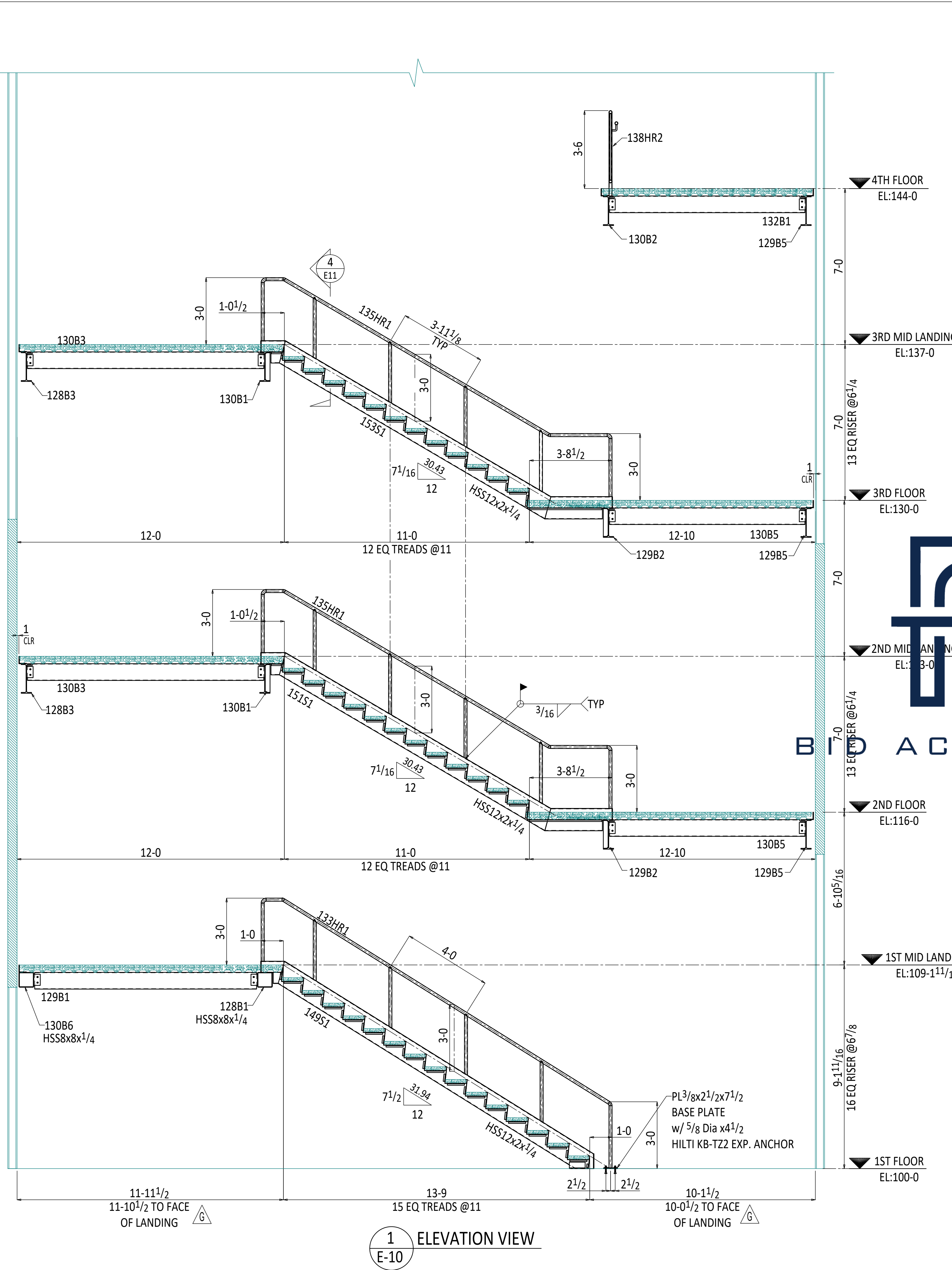
- MATERIAL NOTES: (U.N.O.)
- 1) ALL STRINGERS ARE MC12x14.3 (Grade. A36)
 - 2) ALL LANDING INTERIOR SUPPORT BEAMS ARE C9x20 (Grade. A36)
 - 3) ALL LANDING PERIMETER SUPPORT BEAMS ARE W16x31 (Grade. A992)
 - 4) ALL PIPE TO BE ASTM A A500B
 - 5) ALL GUARDRAIL PICKETS ARE 3/4" SQUARE BARS (Grade. A36)
 - 6) ALL HANDRAIL SUPPORTS ARE 3/4" ROUND BARS (Grade. A36)
 - 7) ALL TREAD PAN PLATES ARE 14 GA" (Grade. A36)

HOLES: 13/16 Ø	WELDS: E70XXLH
PAINT: --	SURFACE PREP:--
MATERIALS:	
STEEL WF:	A992
STEEL PLATES,ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: 3/4 Ø A325N U.N.O	
MISC:	

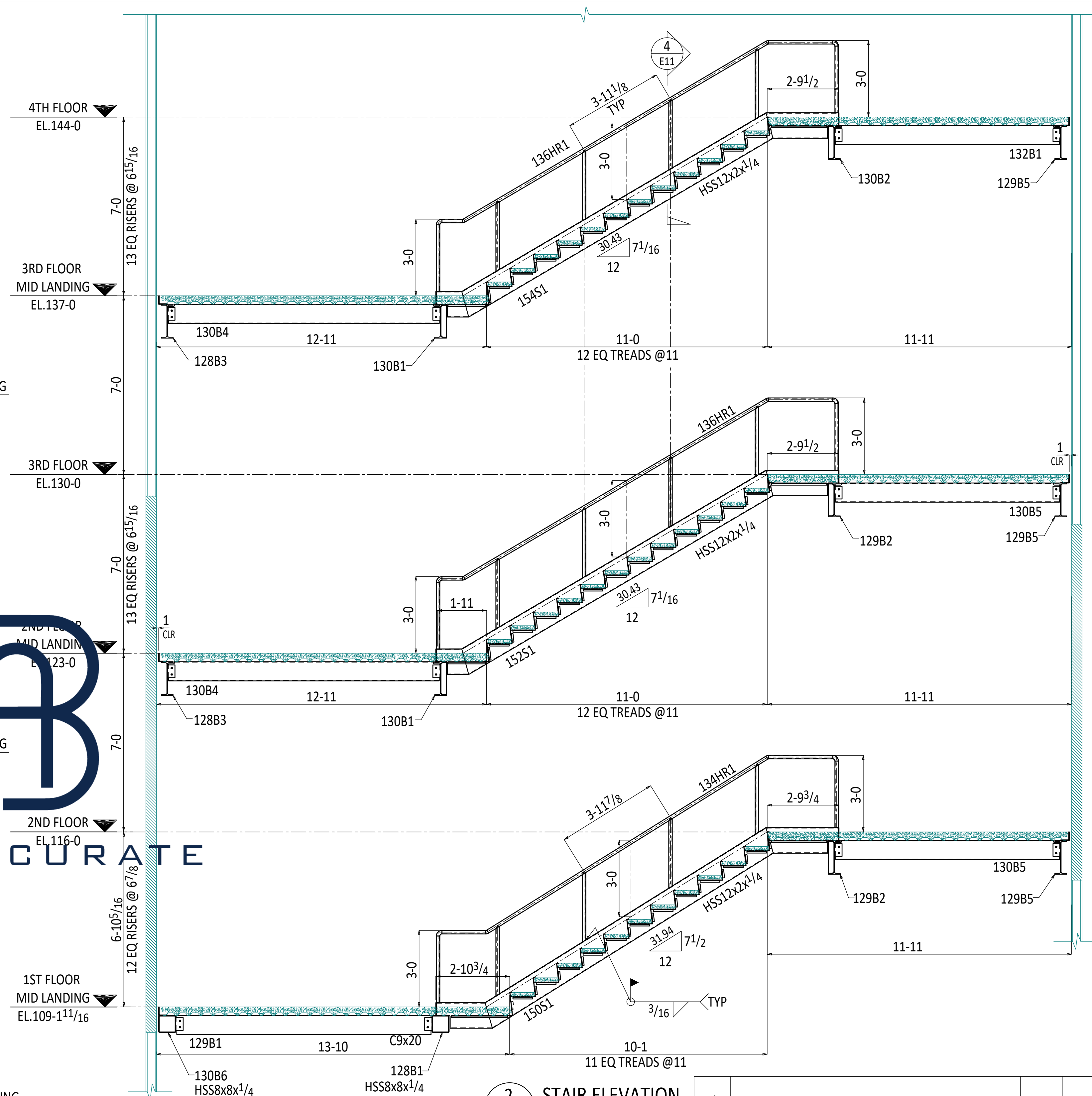
REV	DESCRIPTION	BY	DATE
G	RS&H COMMENTS UPDATED	JVL	07-02-24
F	4TH FLOOR LANDING CHANGES	JVL	06-14-24
E	HEADER BEAMS UPDATION	JVL	06-13-24
D	ENGINEER COMMENTS UPDATED	JVL	06-04-24
C	FIELD DIMENSION UPDATED	JVL	05-28-24
B	ENGINEER DESIGN UPDATED	JVL	05-16-24
A	FOR APPROVAL	JVL	04-01-24
FOR APPROVAL: R & R APPROVAL			
TO SHOP:		TO FIELD: AS BUILT:	

BID ACCURATE LLC

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL
	DATE: 04-01-24	DATE: 04-01-24
	PROJECT NUMBER	SHEET REV
DESCRIPTION: ELEVATIONS	--	E-9 G



1 ELEVATION VIEW
E-10

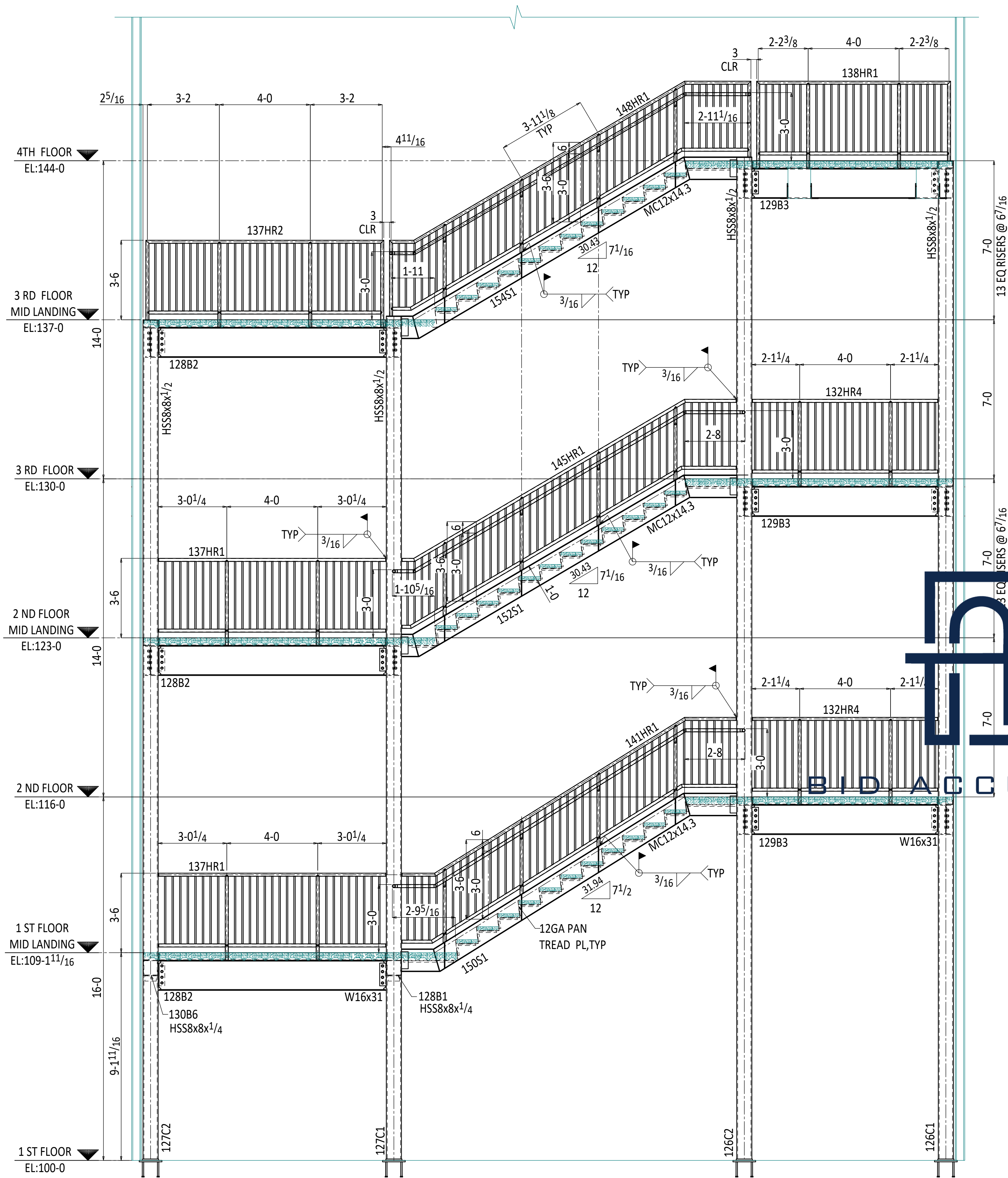


2 STAIR ELEVATION
E-10

MATERIAL NOTES: (U.N.O)
1) ALL STRINGERS ARE MC12x14.3 (Grade. A36)
2) ALL LANDING INTERIOR SUPPORT BEAMS ARE C9x20 (Grade. A36)
3) ALL LANDING PERIMETER SUPPORT BEAMS ARE W16x31 (Grade. A992)
4) ALL PIPE TO BE ASTM A A500B
5) ALL GUARDRAIL PICKETS ARE 3/4" SQUARE BARS (Grade. A36)
6) ALL HANDRAIL SUPPORTS ARE 3/4" ROUND BARS (Grade. A36)
7) ALL TREAD PAN PLATES ARE 14 GA" (Grade. A36)

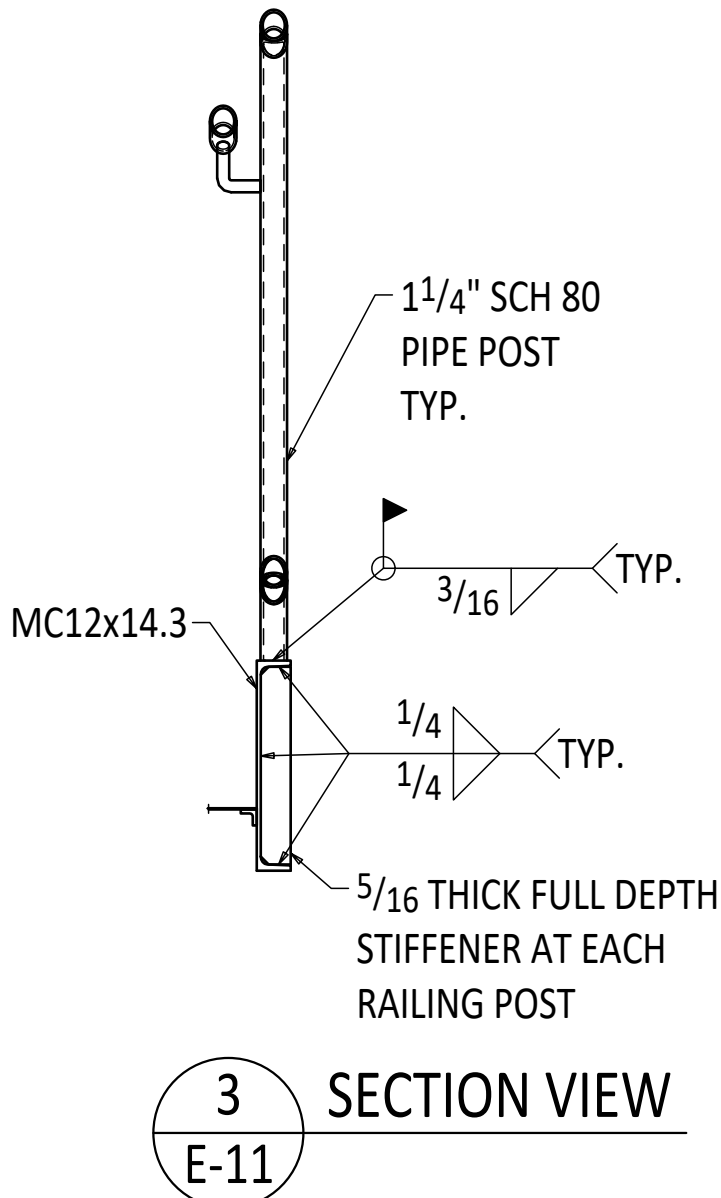
HOLES: 13/16 Ø	WELDS: E70XXLH
PAINT: --	SURFACE PREP:--
MATERIALS:	
STEEL WF: A992	
STEEL PLATES,ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: 3/4 Ø A325N U.N.O	
MISC:	

△	RS&H COMMENTS UPDATED	JVL	07-02-24
△	4TH FLOOR LANDING CHANGES	JVL	06-14-24
△	HEADER BEAMS UPDATION	JVL	06-13-24
△	ENGINEER COMMENTS UPDATED	JVL	06-04-24
△	FIELD DIMENSION UPDATED	JVL	05-28-24
△	ENGINEER DESIGN UPDATED	JVL	05-16-24
△	FOR APPROVAL	JVL	04-01-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:	TO SHOP:	TO FIELD:	
R & R APPROVAL		AS BUILT:	
BID ACCURATE LLC			
PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL		DRAWN BY: MSV	CHECKED BY: JVL
DATE: 04-01-24		DATE: 04-01-24	
PROJECT NUMBER		SHEET	REV
DESCRIPTION: ELEVATION		--	E-10
			△

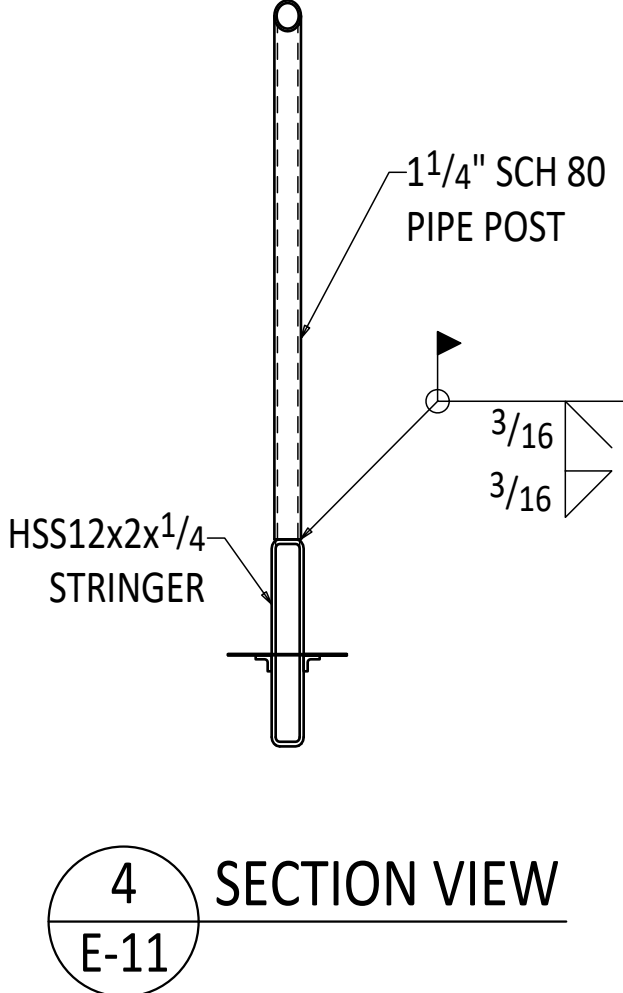


1 STAIR ELEVATION
(REF. SECTION C5/A451)

2 STAIR ELEVATION
(REF. SECTION C3/A451)

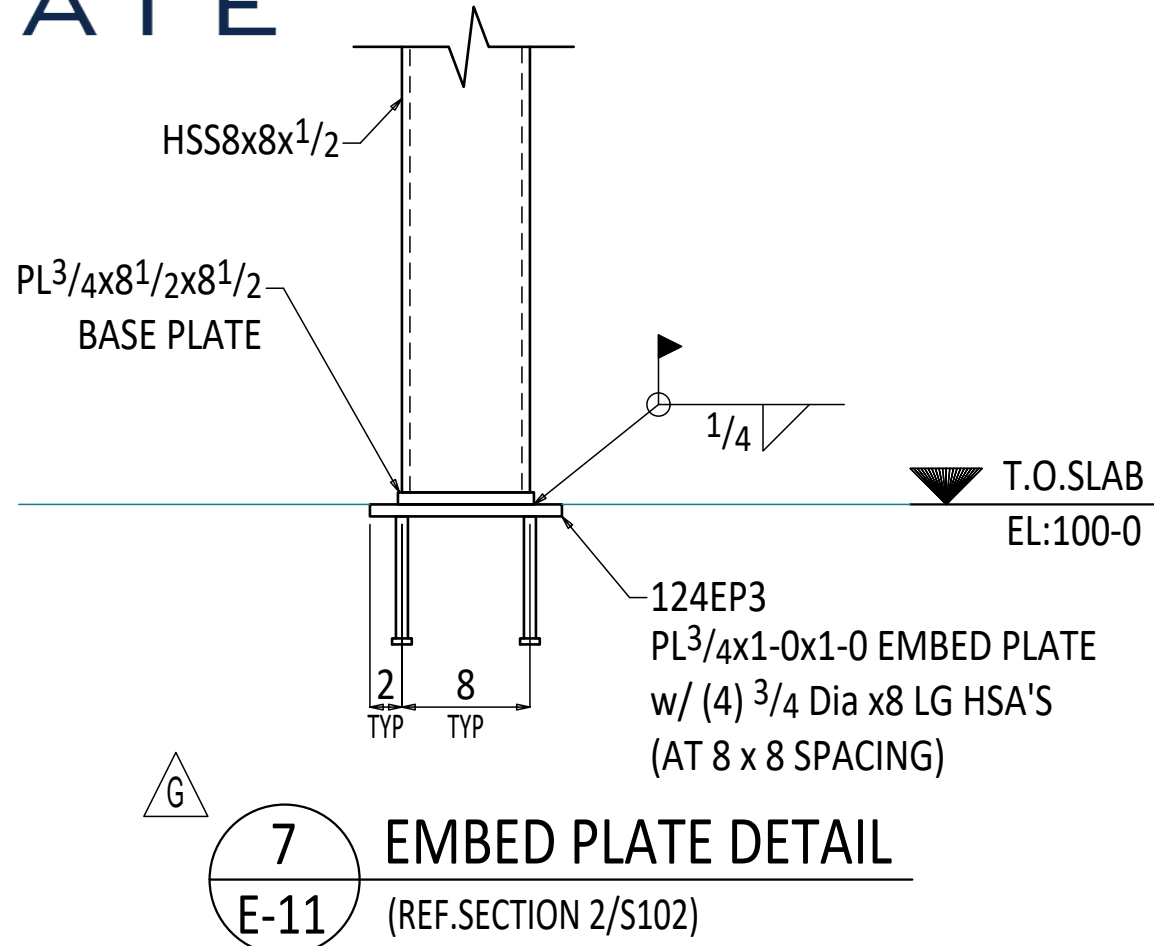


3 SECTION VIEW
E-11

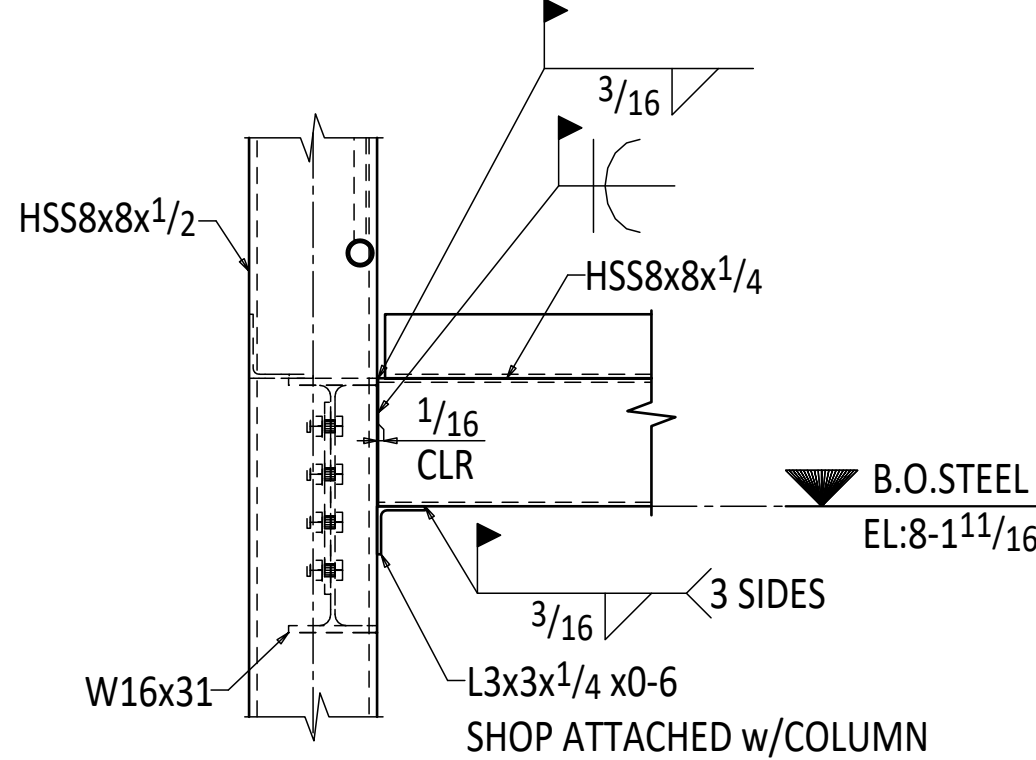


4 SECTION VIEW
E-11

5 BASE PLATE DETAIL
(REF. SECTION 4/S102)



7 EMBED PLATE DETAIL
(REF. SECTION 2/S102)



6 SECTION VIEW
E11

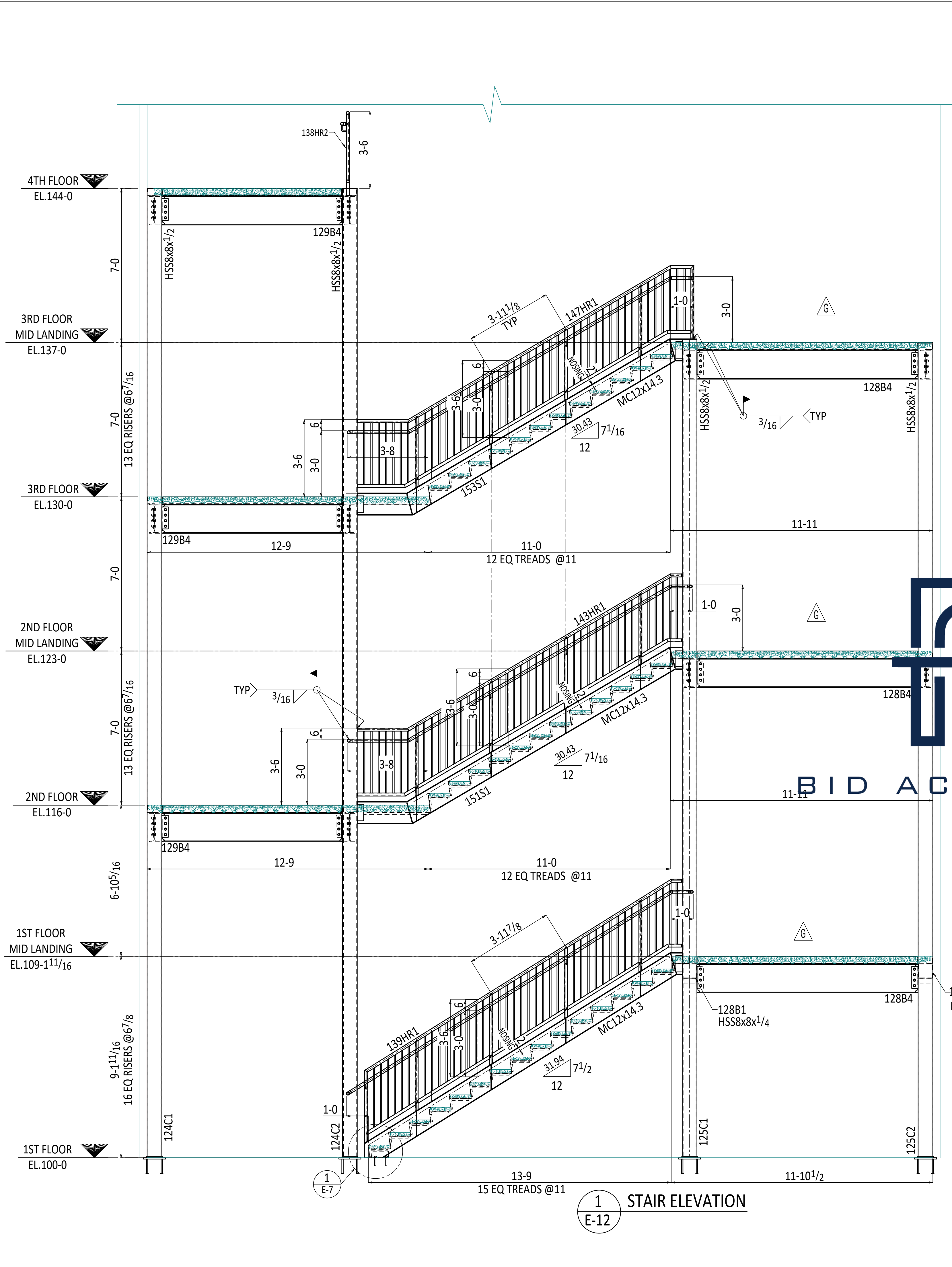
- MATERIAL NOTES: (U.N.O)
- 1) ALL STRINGERS ARE MC12x14.3 (Grade. A36)
 - 2) ALL LANDING INTERIOR SUPPORT BEAMS ARE C9x20 (Grade. A36)
 - 3) ALL LANDING PERIMETER SUPPORT BEAMS ARE W16x31 (Grade. A992)
 - 4) ALL PIPE TO BE ASTM A A500B
 - 5) ALL GUARDRAIL PICKETS ARE 3/4" SQUARE BARS (Grade. A36)
 - 6) ALL HANDRAIL SUPPORTS ARE 3/4" ROUND BARS (Grade. A36)
 - 7) ALL TREAD PAN PLATES ARE 14 GA" (Grade. A36)

HOLES: 13/16 Ø	WELDS: E70XXLH
PAINT: --	SURFACE PREP:--
MATERIALS:	
STEEL WF:	A992
STEEL PLATES, ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES:	ASTM A500, GRADE C
BOLTS: 3/4 Ø A325N U.N.O	
MISC:	

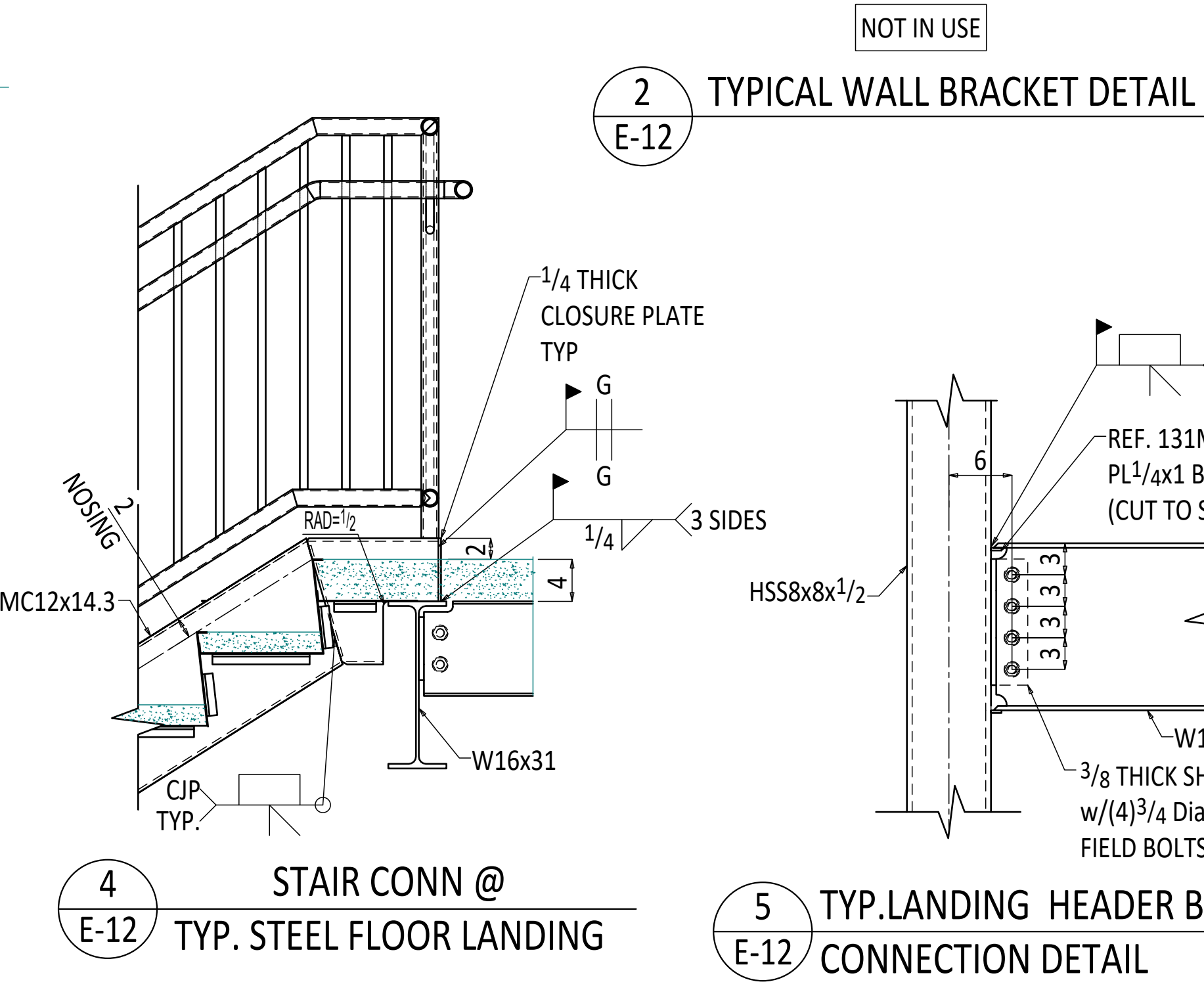
△	RS&H COMMENTS UPDATED	JVL	07-02-24
△	4TH FLOOR LANDING CHANGES	JVL	06-14-24
△	HEADER BEAMS UPDATION	JVL	06-13-24
△	ENGINEER COMMENTS UPDATED	JVL	06-04-24
△	FIELD DIMENSION UPDATED	JVL	05-28-24
△	ENGINEER DESIGN UPDATED	JVL	05-16-24
△	FOR APPROVAL	JVL	04-01-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL			AS BUILT:

BID ACCURATE LLC

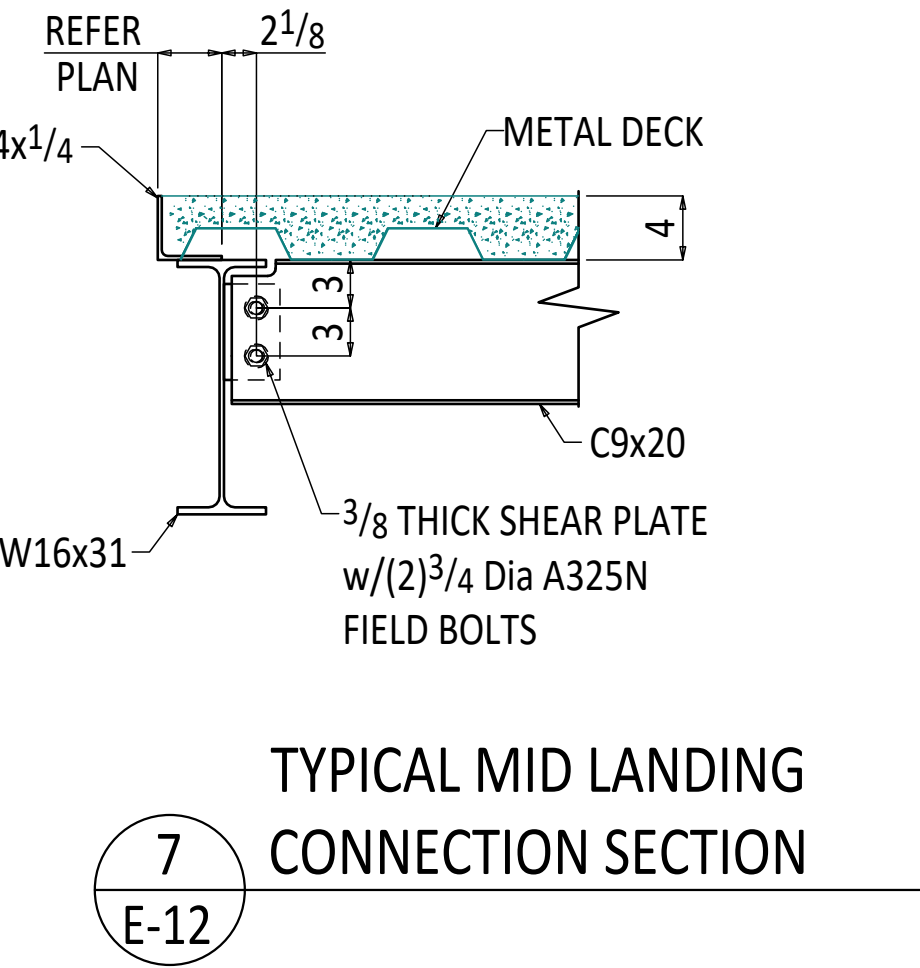
PROJECT NAME:	DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION	DATE: 04-01-24	DATE: 04-01-24
4949 BLANDING BLVD.	PROJECT NUMBER	SHEET
JACKSONVILLE, FL	--	REV
DESCRIPTION:		
ELEVATION	E-11	△



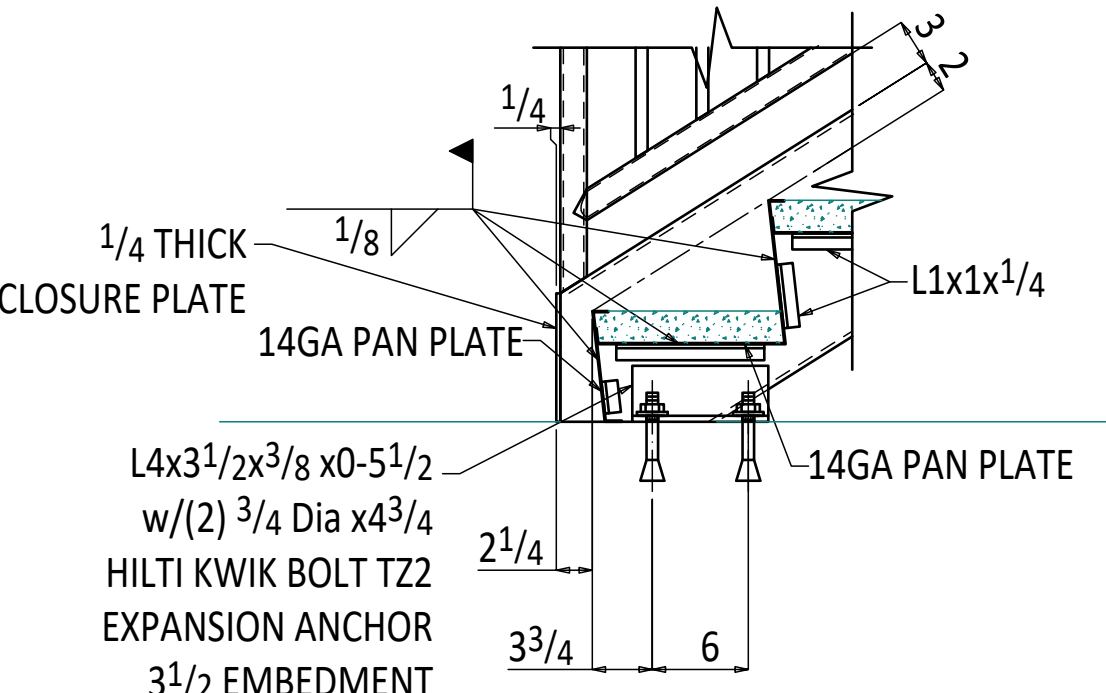
1 STAIR ELEVATION
E-12



6 TYPICAL FLOOR LANDING CONNECTION SECTION
E-12

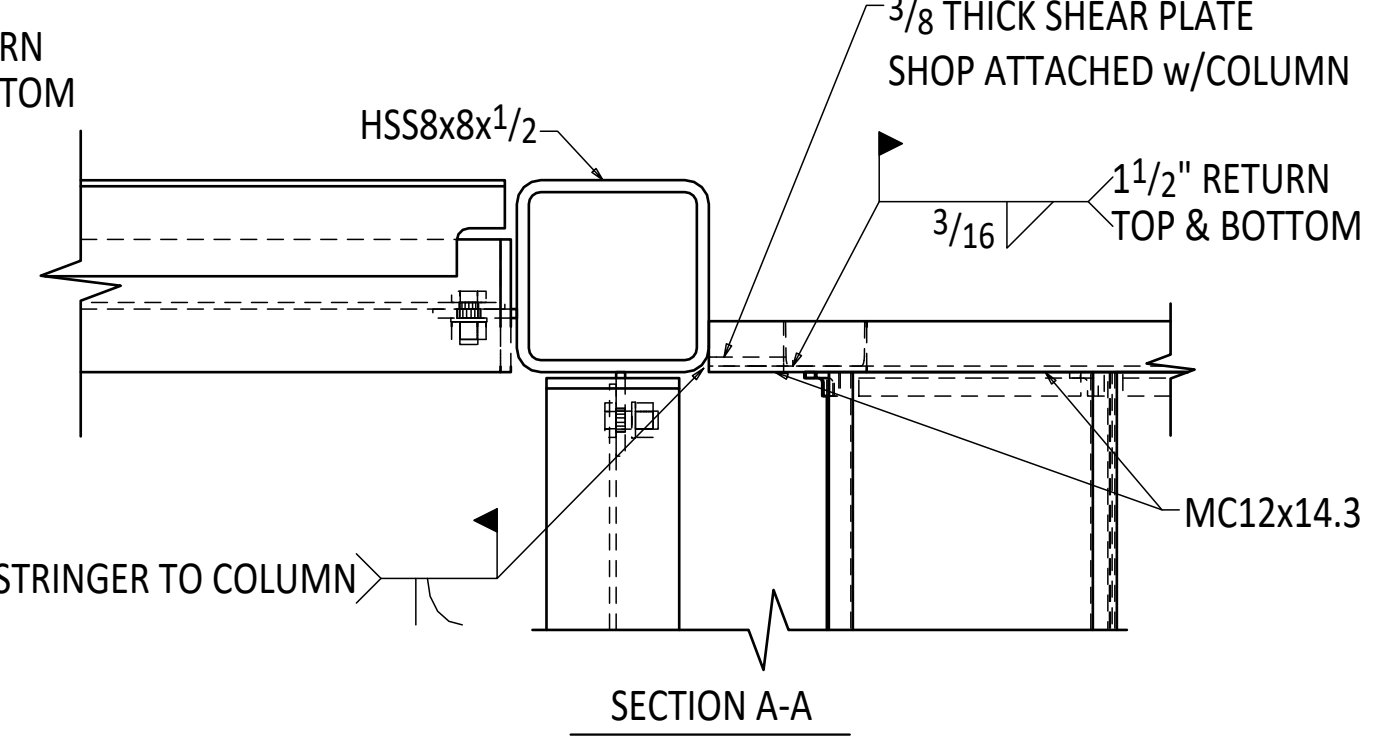


7 TYPICAL MID LANDING CONNECTION SECTION
E-12



3 STAIR CONN @ GROUND LEVEL
E-12

- MATERIAL NOTES: (U.N.O)
- 1) ALL STRINGERS ARE MC12x14.3 (Grade. A36)
 - 2) ALL LANDING INTERIOR SUPPORT BEAMS ARE C9x20 (Grade. A36)
 - 3) ALL LANDING PERIMETER SUPPORT BEAMS ARE W16x31 (Grade. A992)
 - 4) ALL PIPE TO BE ASTM A A500B
 - 5) ALL GUARDRAIL PICKETS ARE 3/4" SQUARE BARS (Grade. A36)
 - 6) ALL HANDRAIL SUPPORTS ARE 3/4" ROUND BARS (Grade. A36)
 - 7) ALL TREAD PAN PLATES ARE 14 GA" (Grade. A36)

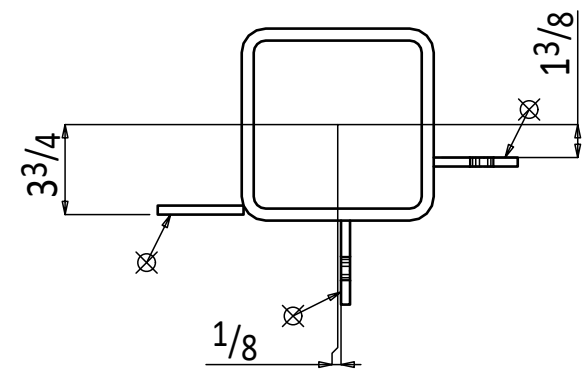


HOLES:	13/16 Ø	WELDS:	E70XXLH
PAINT:	--	SURFACE PREP:	--
MATERIALS:			
STEEL WF:		A992	
STEEL PLATES, ANGLES & CHANNELS:		ASTM A-36	
STEEL TUBES:		ASTM A500, GRADE C	
BOLTS:		3/4 Ø A325N U.N.O	
MISC:			

REV	DESCRIPTION	BY	DATE
△G	RS&H COMMENTS UPDATED	JVL	07-02-24
△F	4TH FLOOR LANDING CHANGES	JVL	06-14-24
△E	HEADER BEAMS UPDATION	JVL	06-13-24
△D	ENGINEER COMMENTS UPDATED	JVL	06-04-24
△C	FIELD DIMENSION UPDATED	JVL	05-28-24
△B	ENGINEER DESIGN UPDATED	JVL	05-16-24
△A	FOR APPROVAL	JVL	04-01-24
FOR APPROVAL: R & R APPROVAL			
TO SHOP:		TO FIELD: AS BUILT:	

BID ACCURATE LLC

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL
	DATE: 04-01-24	DATE: 04-01-24
	PROJECT NUMBER	SHEET
DESCRIPTION: ELEVATION	--	E-12



NO PAINT

TOTAL WEIGHT THIS DRAWING 4671

HOLE: 13/16 Ø (U.N.O)	WELD: E70XLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES,ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: 3/4 A-325X U.N.O	
MISC:	

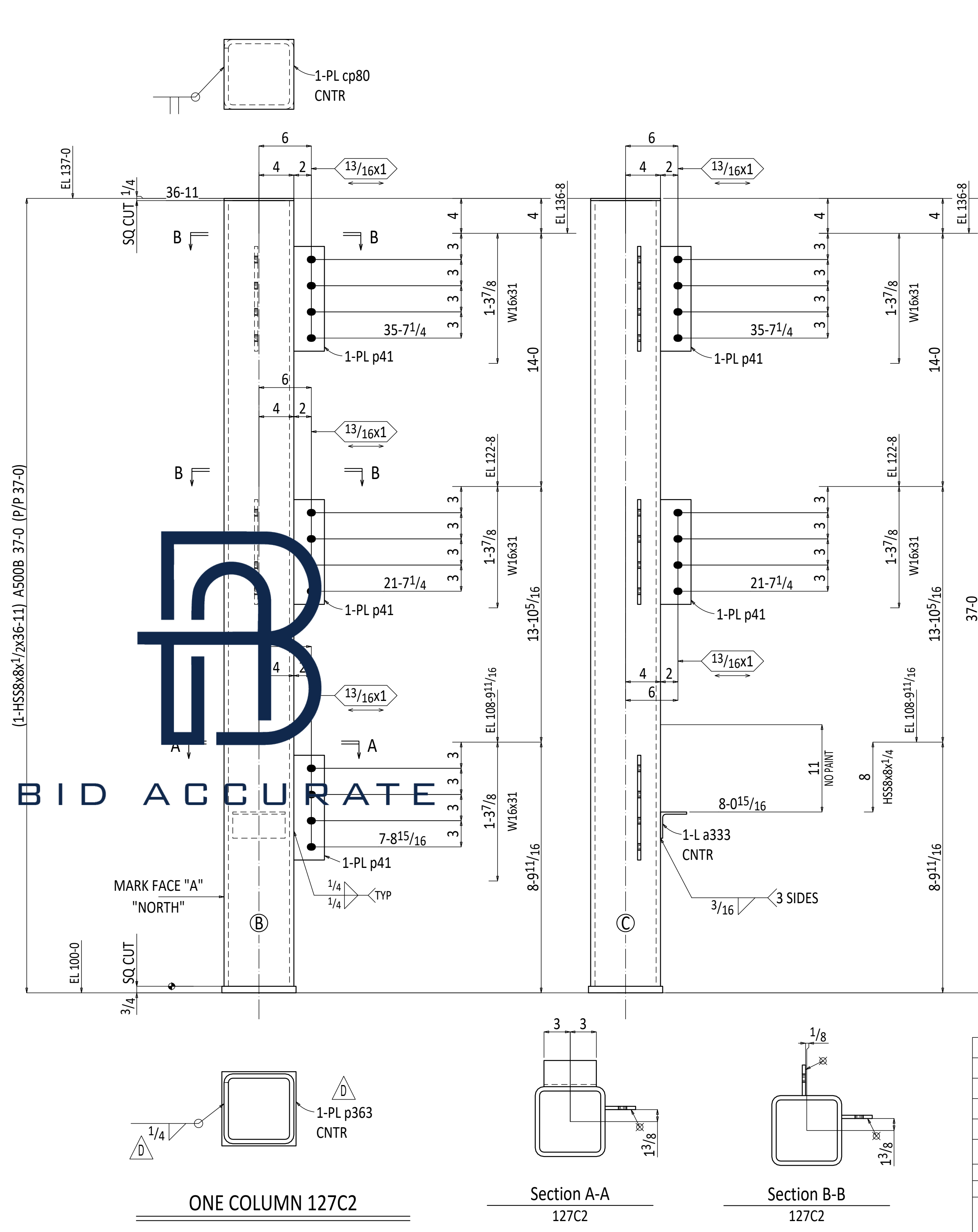
FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:

SHEET	REV
-------	-----

DESCRIPTION: COLUMN DETAILS

124





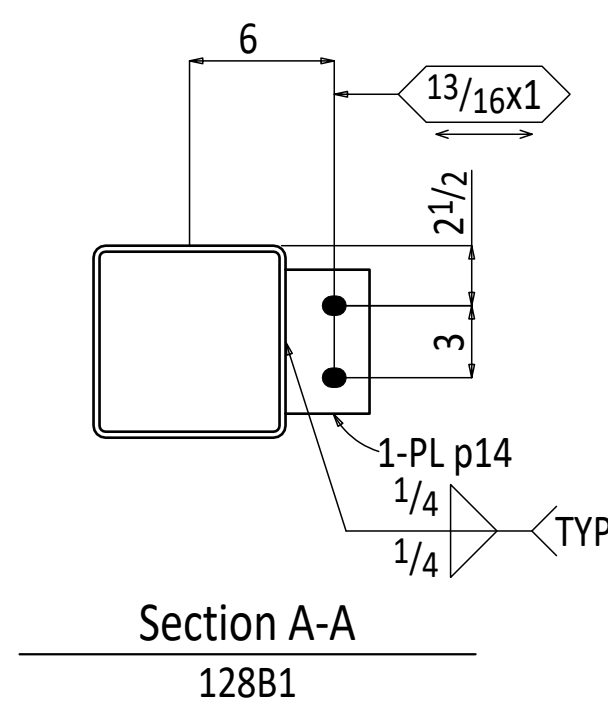
HOLES: 13/16 Ø (U.N.O)		WELDS: E70XXHL	
PAINT: ONE COAT SHOP PRIMER		SURFACE PREP: SSPC-SP3	
MATERIALS:			
STEEL WF:		A992	
STEEL PLATES, ANGLES & CHANNELS:		ASTM A-36	
STEEL TUBES:		ASTM A500, GRADE C	
BOLTS: 3/4 Ø A-325X U.N.O			
MISC:			

D C B A	RS&H COMMENTS UPDATED	JVL	07-02-24
	4TH FLOOR LANDING CHANGES	JVL	06-14-24
	HEADER BEAMS UPDATION	JVL	06-13-24
	ENGINEER COMMENTS UPDATED	JVL	06-04-24
	DESCRIPTION	BY	DATE

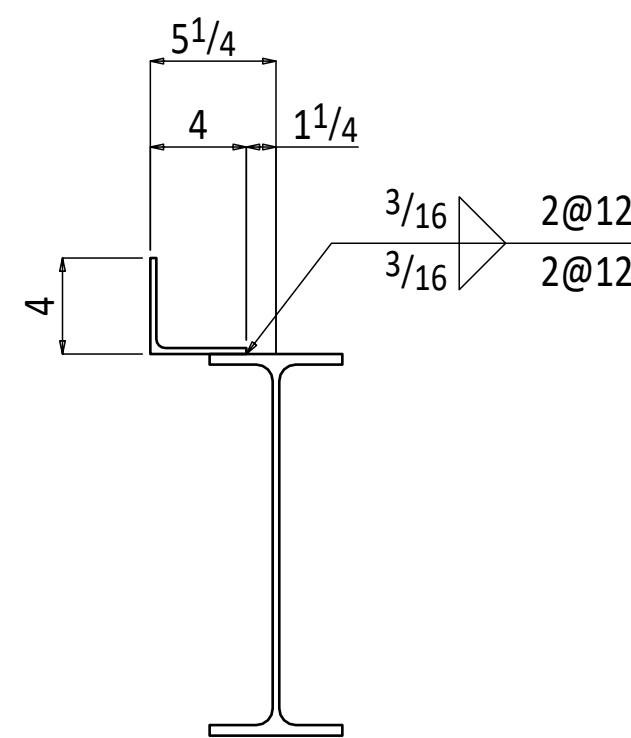
FOR APPROVAL:	TO SHOP:	TO FIELD:
& R APPROVAL		AS BUILT:

BID ACCURATE LLC

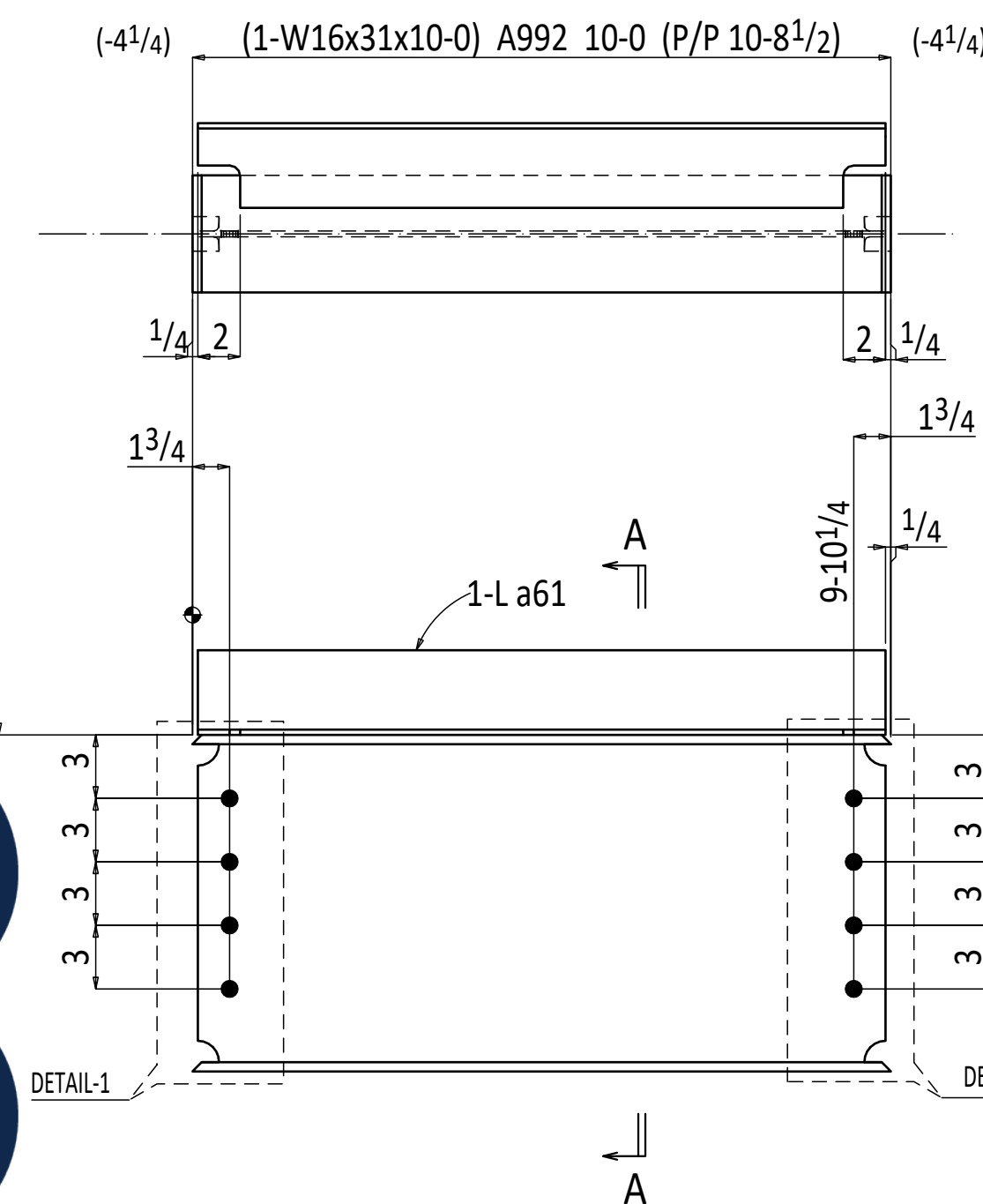
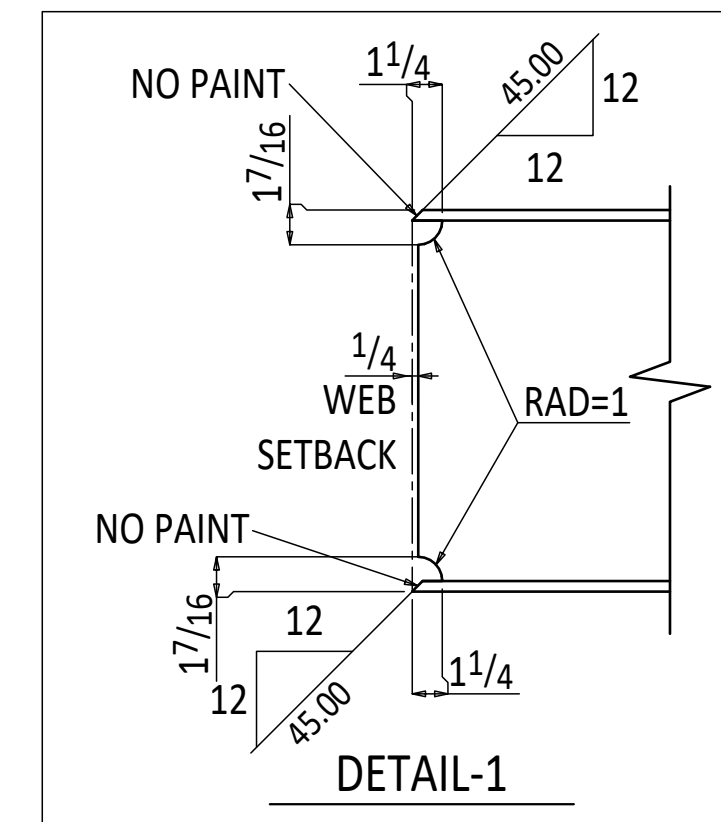
PROJECT NAME: LADE SCHOOL RENOVATION 39 BLANDING BLVD. KESONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL	
	DATE: 06-04-24	DATE: 06-04-24	
	REF. DWG:	SCALE:	NTS
	JOB NUMBER	SHEET	REV
DESCRIPTION:	COLUMN DETAILS	-	127
			



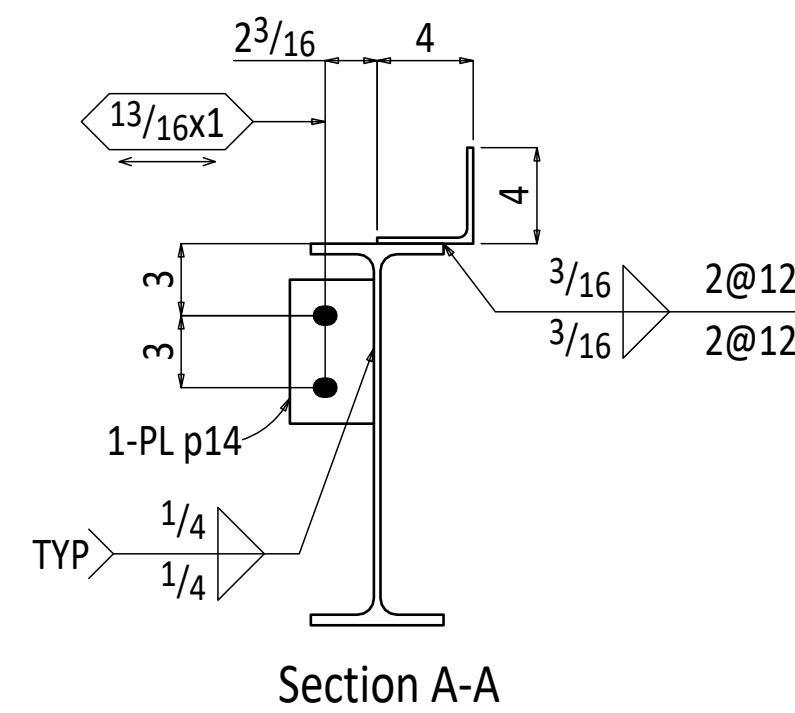
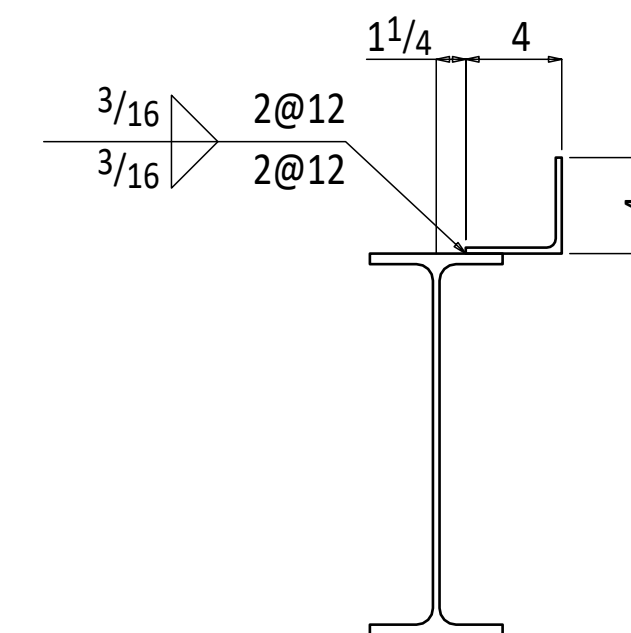
Section A-A
128B1



Section A-A
128B2



Section A
128B4



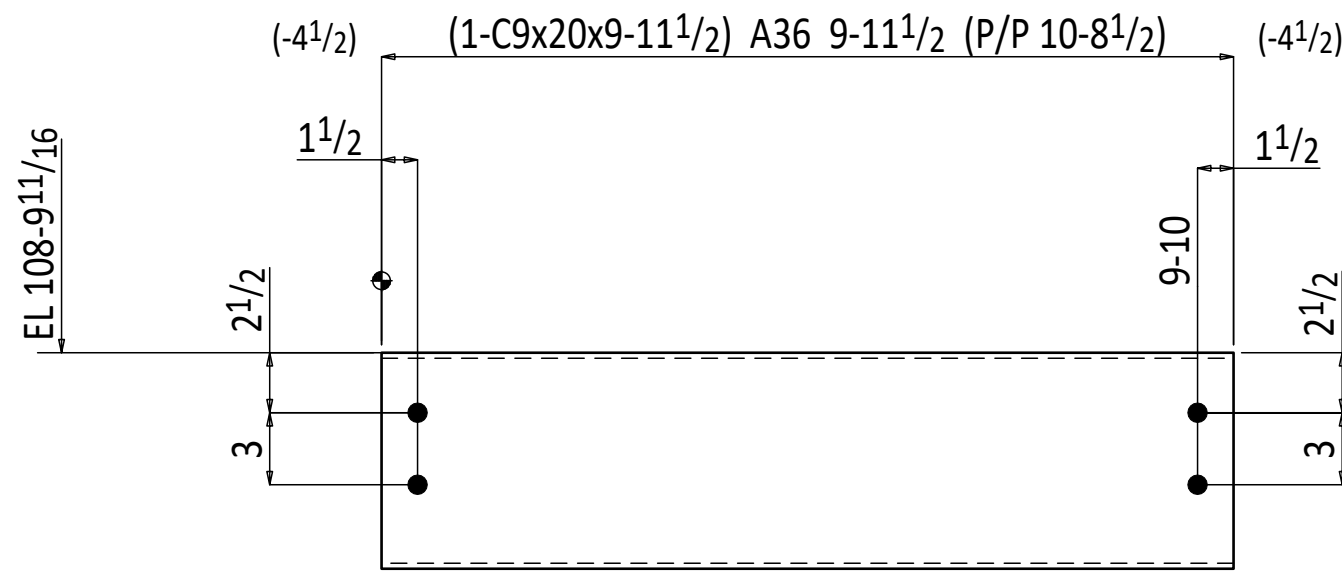
Section A-A
128B3

W	$15^{7/8} \times 1^{1/4}$
F	$5^{1/2} \times 7^{1/16}$
K	$1^{1/8} \times 13^{1/16}$

W	$15^{7/8}x^{1/4}$
F	$5^{1/2}x^{7/16}$
K	$11^{1/8}x^{13/16}$

HOLES: 13 $\frac{1}{16}$ Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES, ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: $\frac{3}{4}$ Ø A-325X U.N.O	
MISC:	

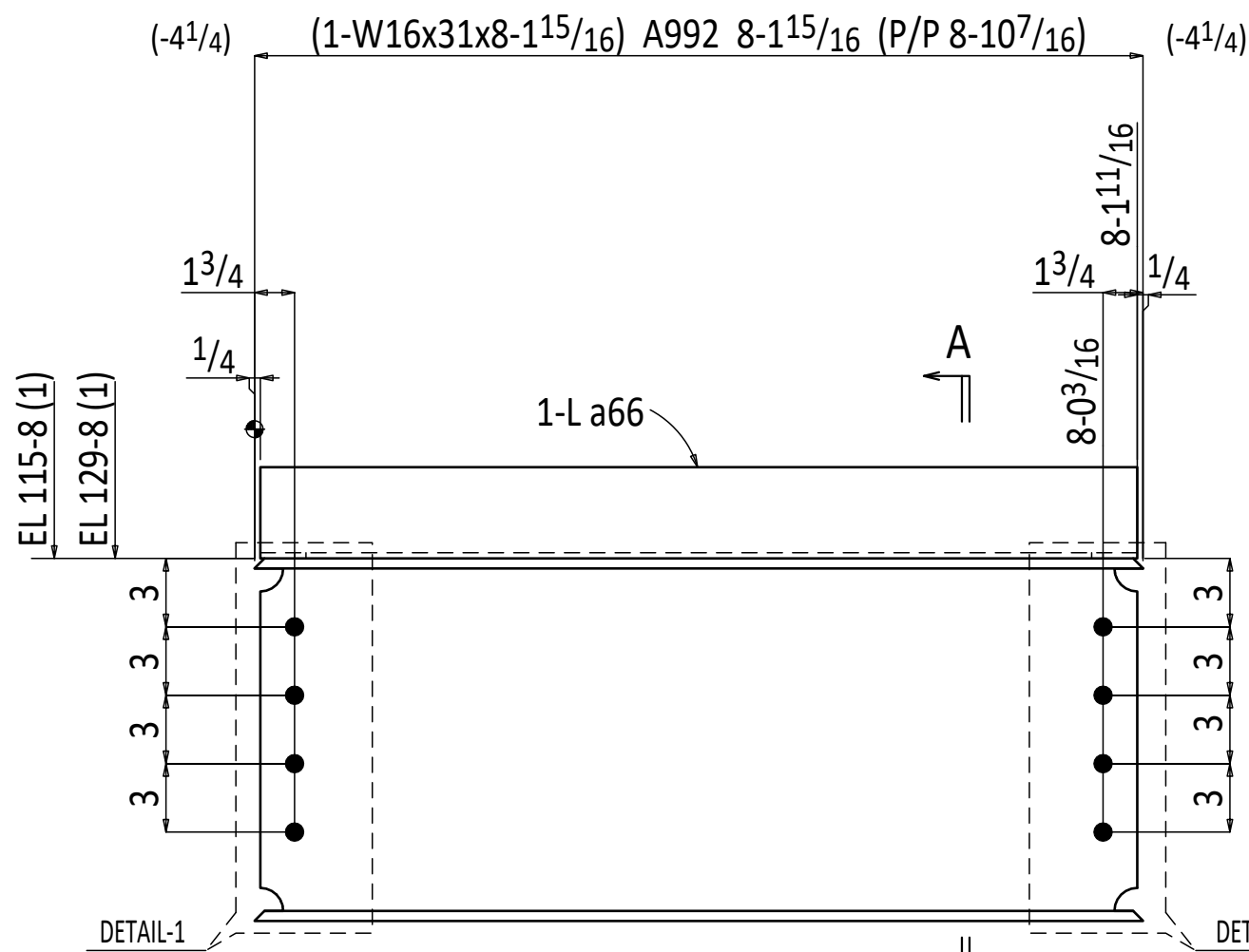
D	RS&H COMMENTS UPDATED	JVL	07-02-24
C	4TH FLOOR LANDING CHANGES	JVL	06-14-24
B	HEADER BEAMS UPDATION	JVL	06-13-24
A	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:	
BID ACCURATE LLC			
PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL		DRAWN BY: MSV	CHECKED BY: JVL
		DATE: 06-04-24	DATE: 06-04-24
		REF. DWG:	SHEET NTS
		JOB NUMBER	SHEET REV
DESCRIPTION:	BEAM DETAILS	-	128
			D



3 BEAMS 129B1

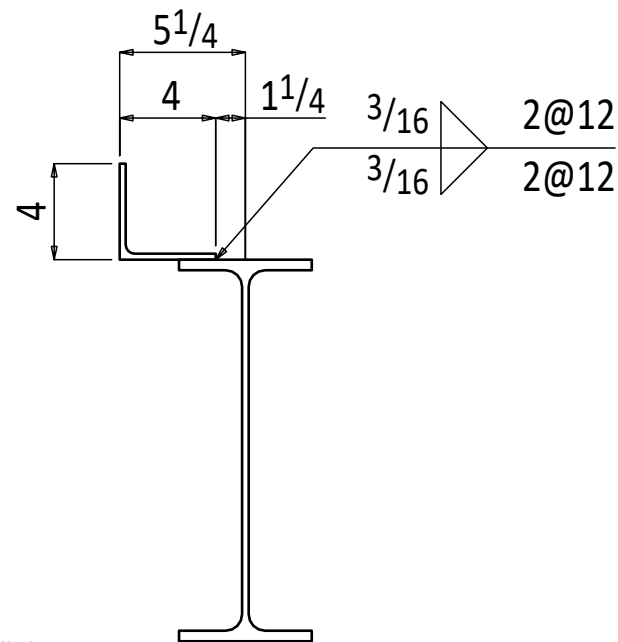
W 15 7/8 x 1/4
F 5 1/2 x 7/16
K 11 7/8 x 13/16

SHOP NOTE:
TOE DIRECTION FAR SIDE

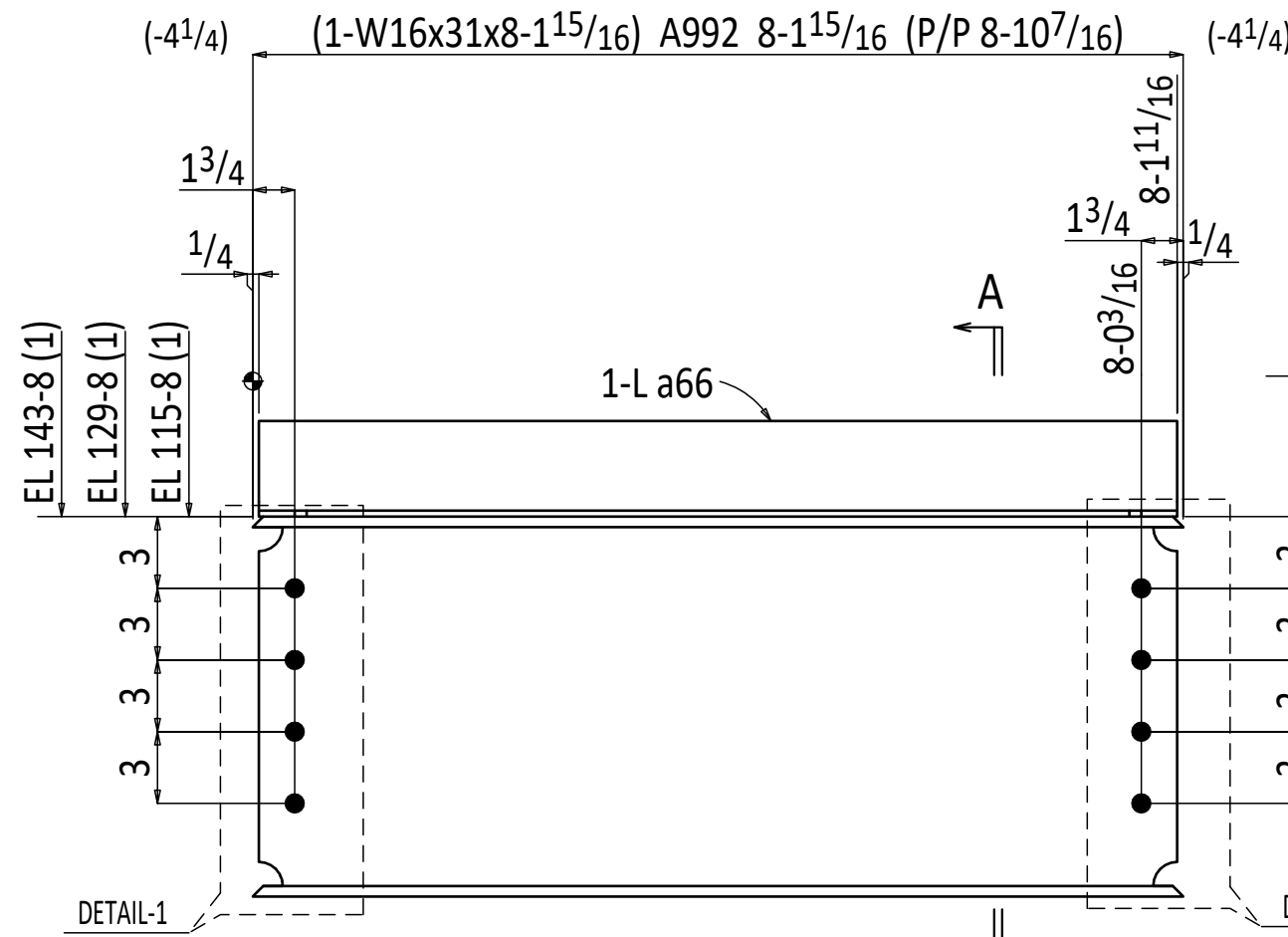


3 BEAMS 129B3

W 15 7/8 x 1/4
F 5 1/2 x 7/16
K 11 7/8 x 13/16

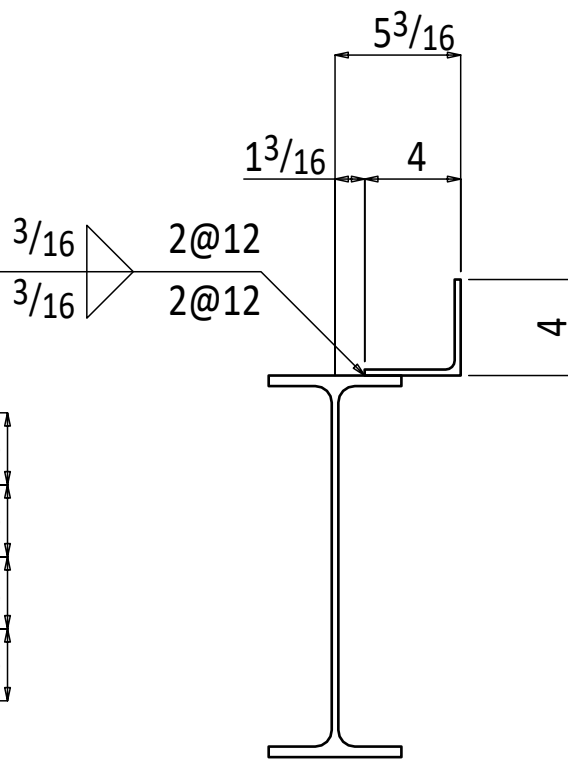


Section A-A
129B3

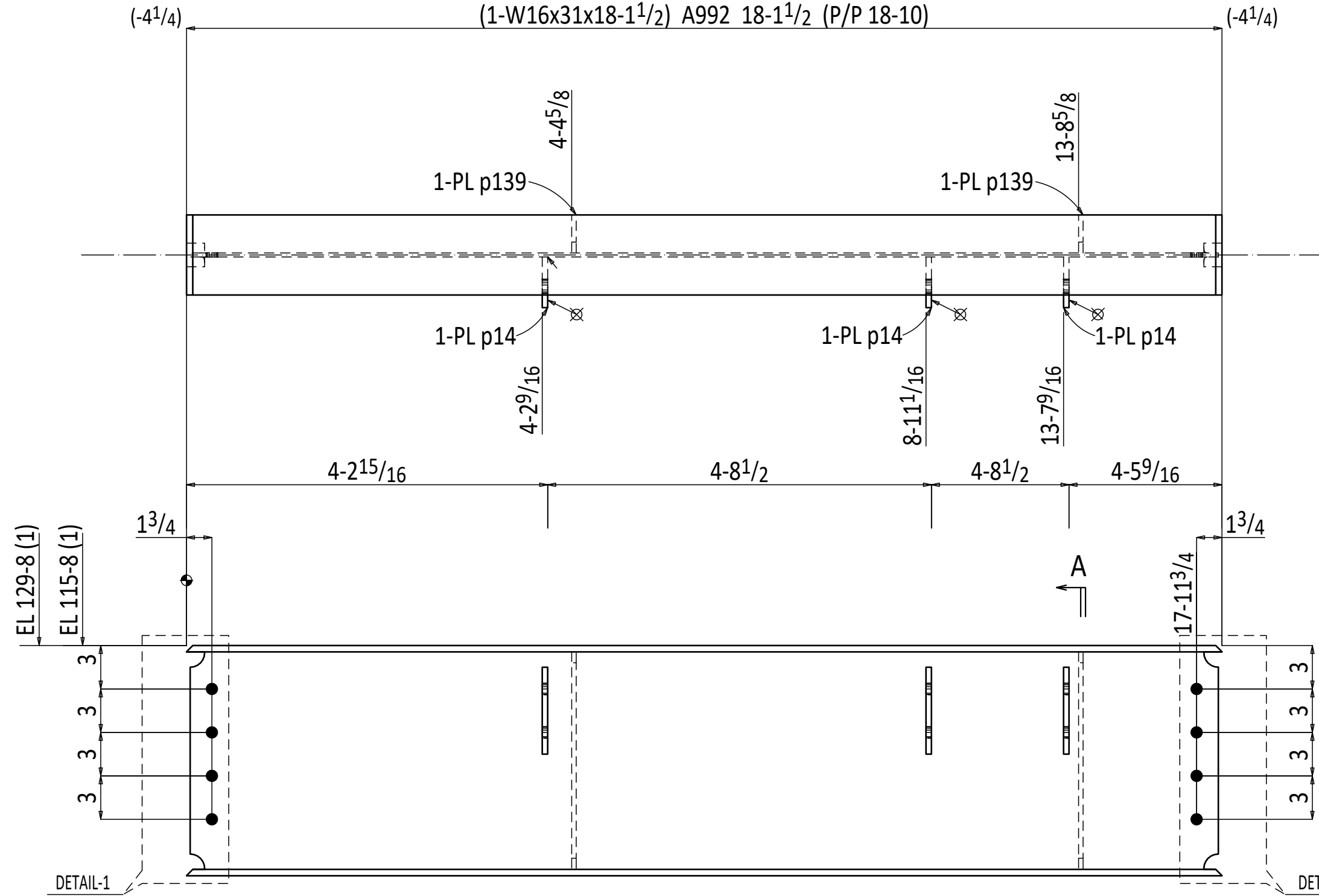


3 BEAMS 129B4

W 15 7/8 x 1/4
F 5 1/2 x 7/16
K 11 7/8 x 13/16

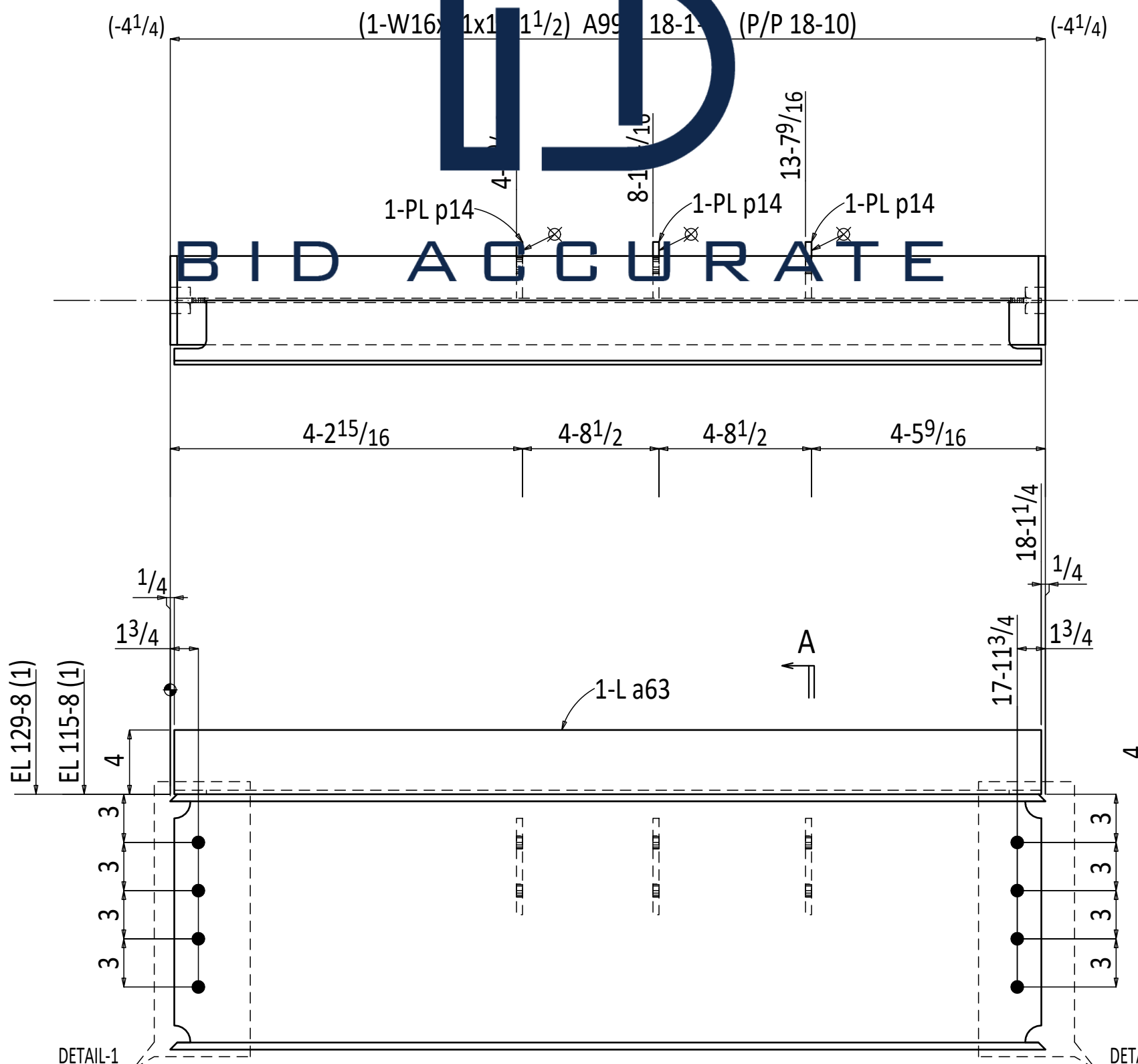


Section A-A
129B4



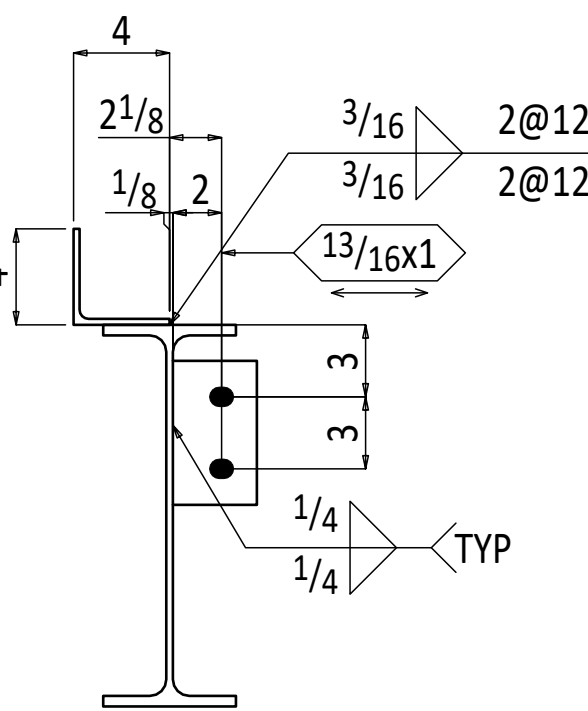
2 BEAMS 129B2

W 15 7/8 x 1/4
F 5 1/2 x 7/16
K 11 7/8 x 13/16

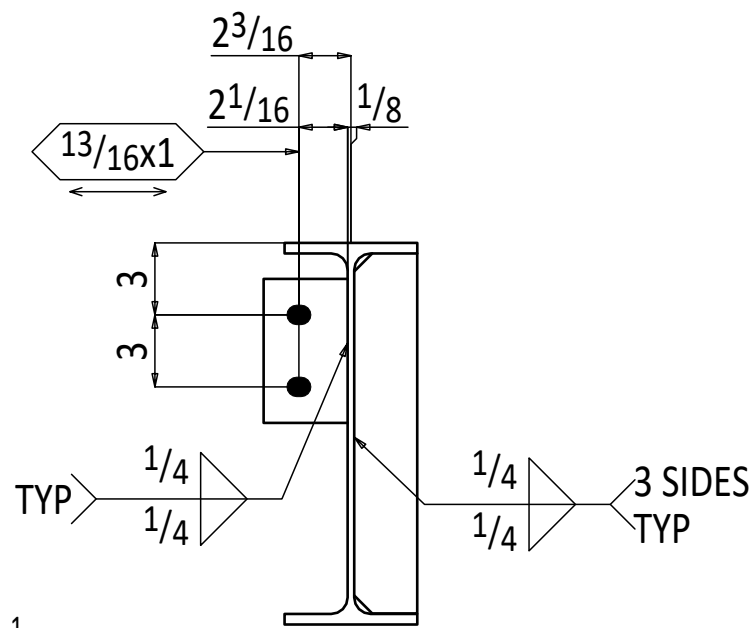
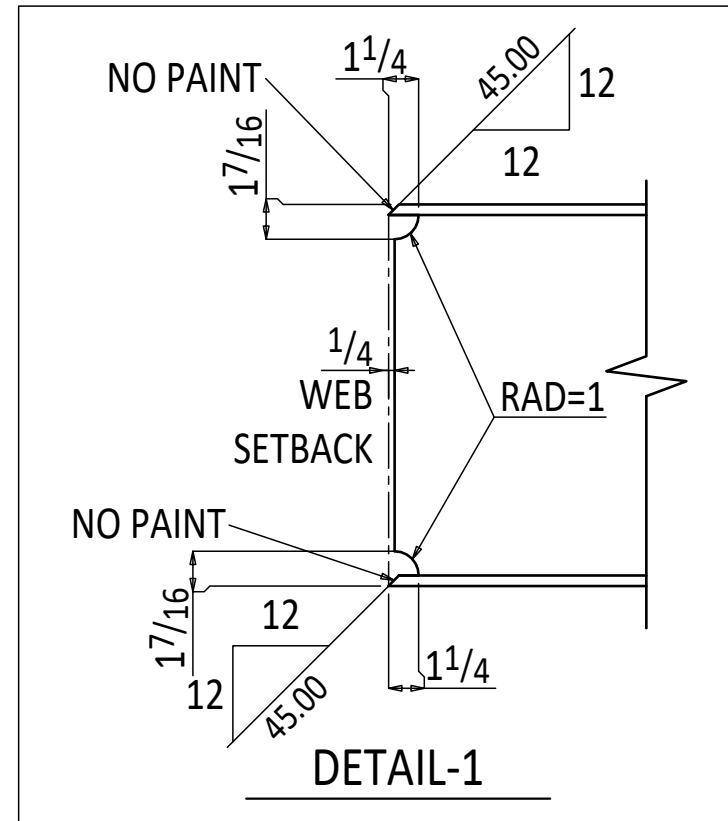


3 BEAMS 129B5

W 15 7/8 x 1/4
F 5 1/2 x 7/16
K 11 7/8 x 13/16



Section A-A
129B5



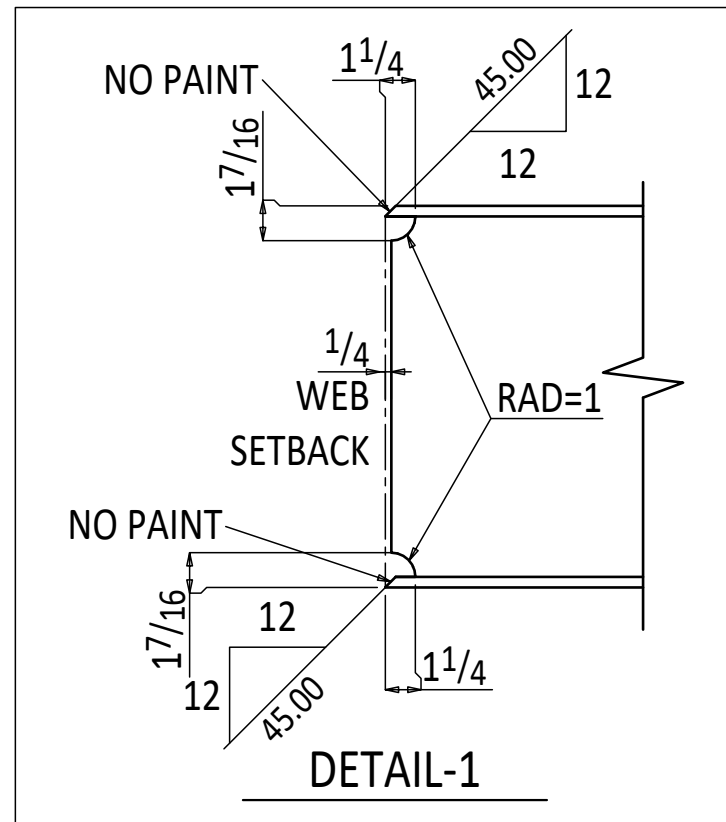
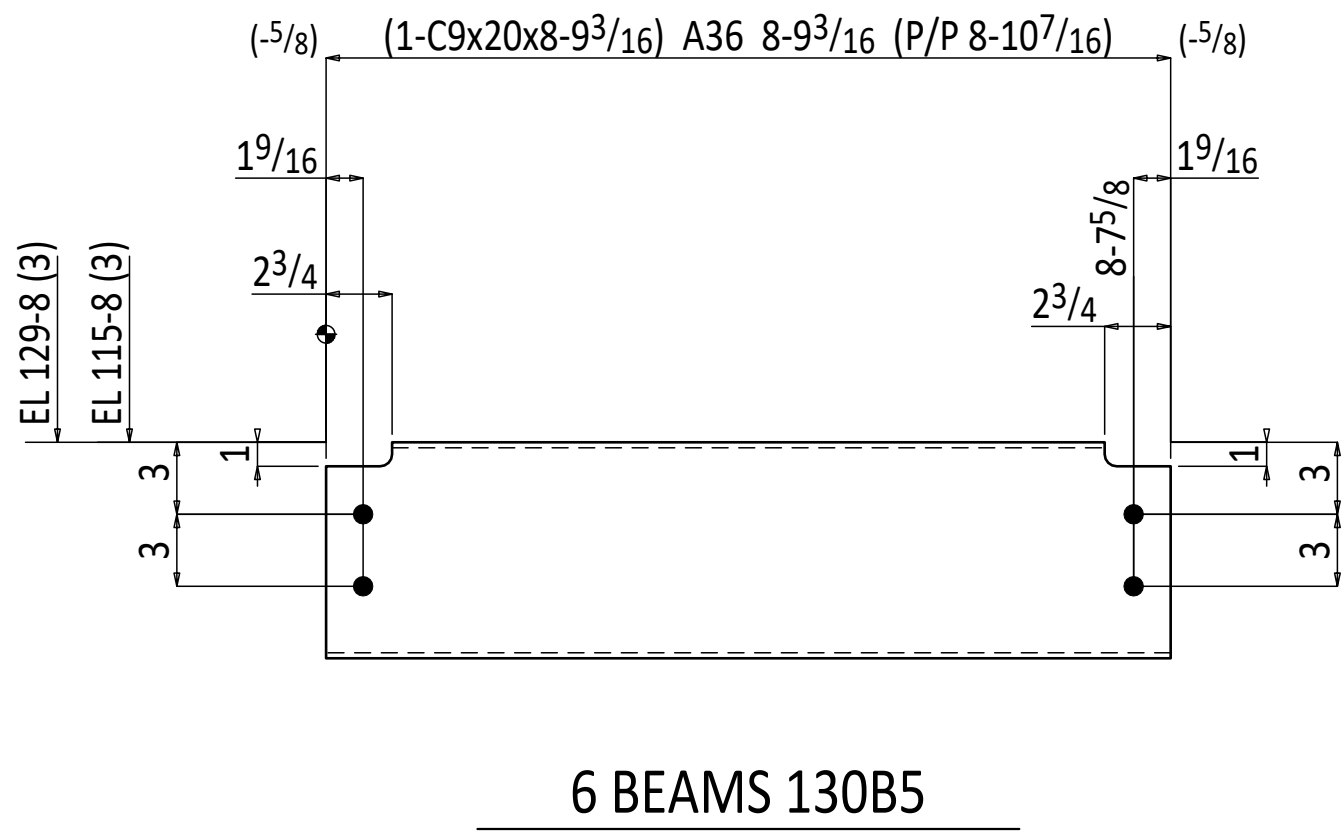
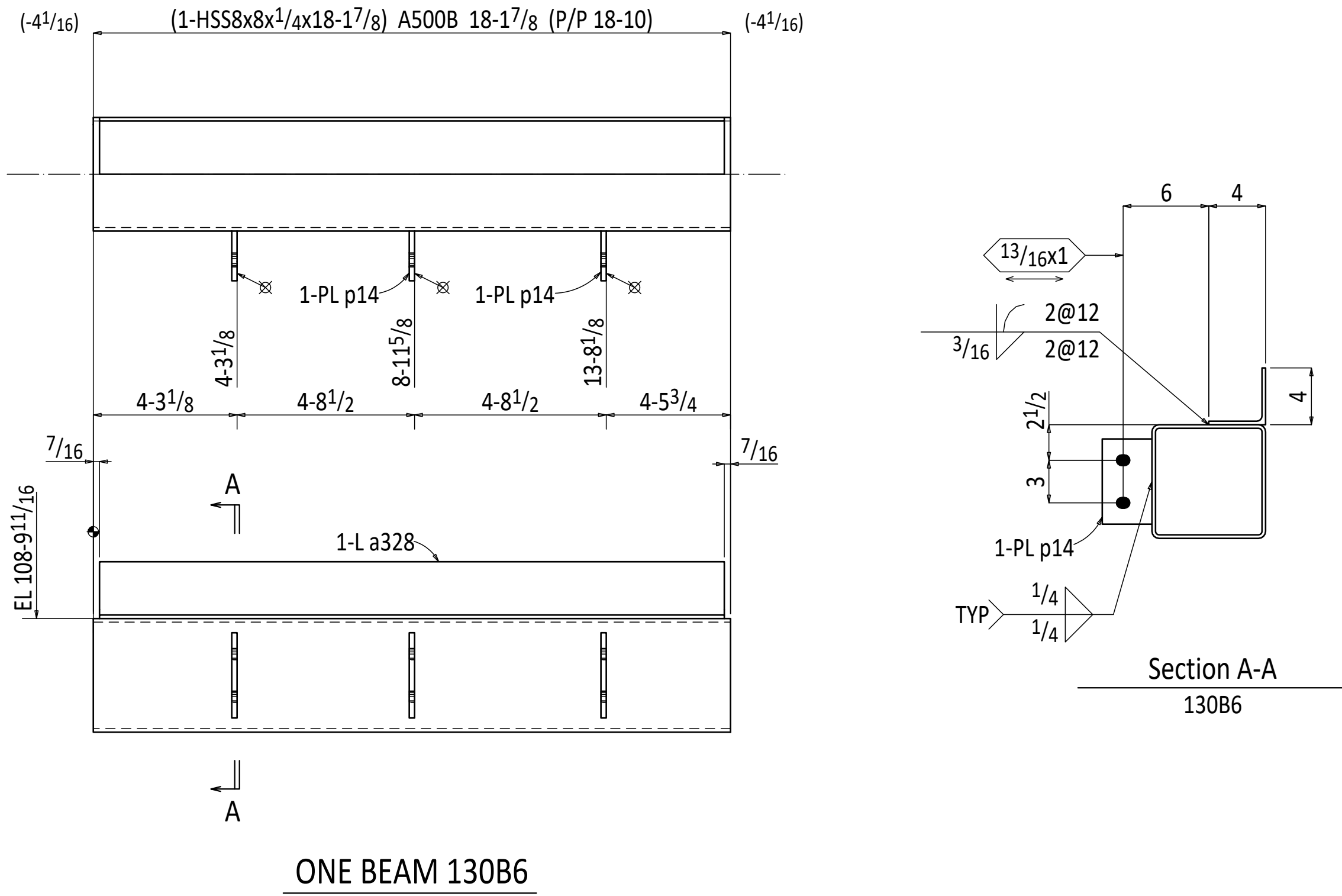
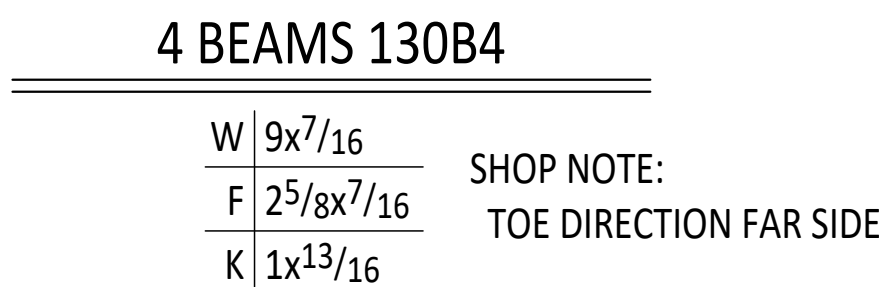
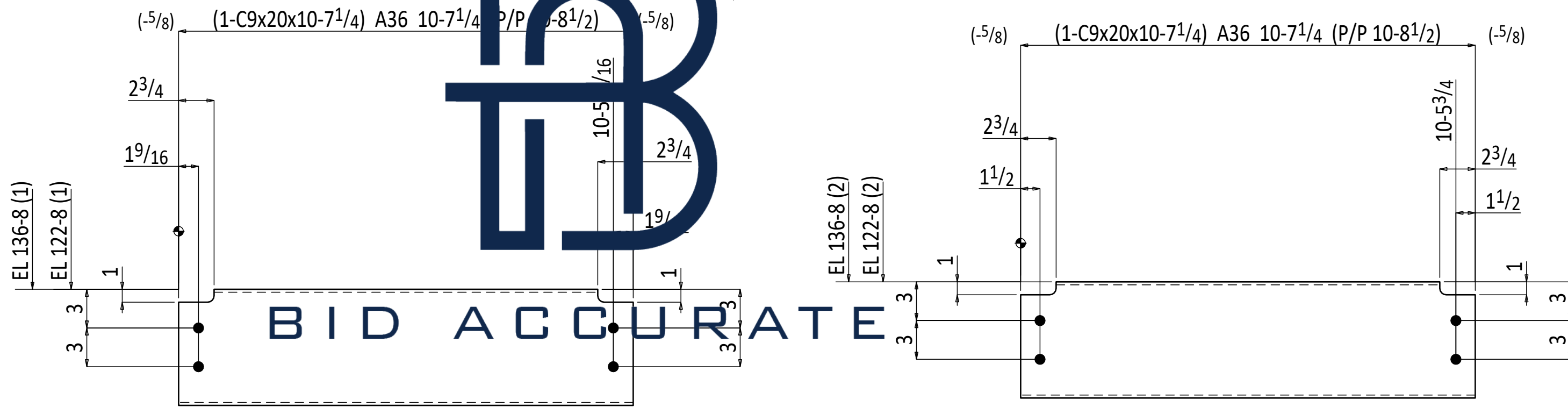
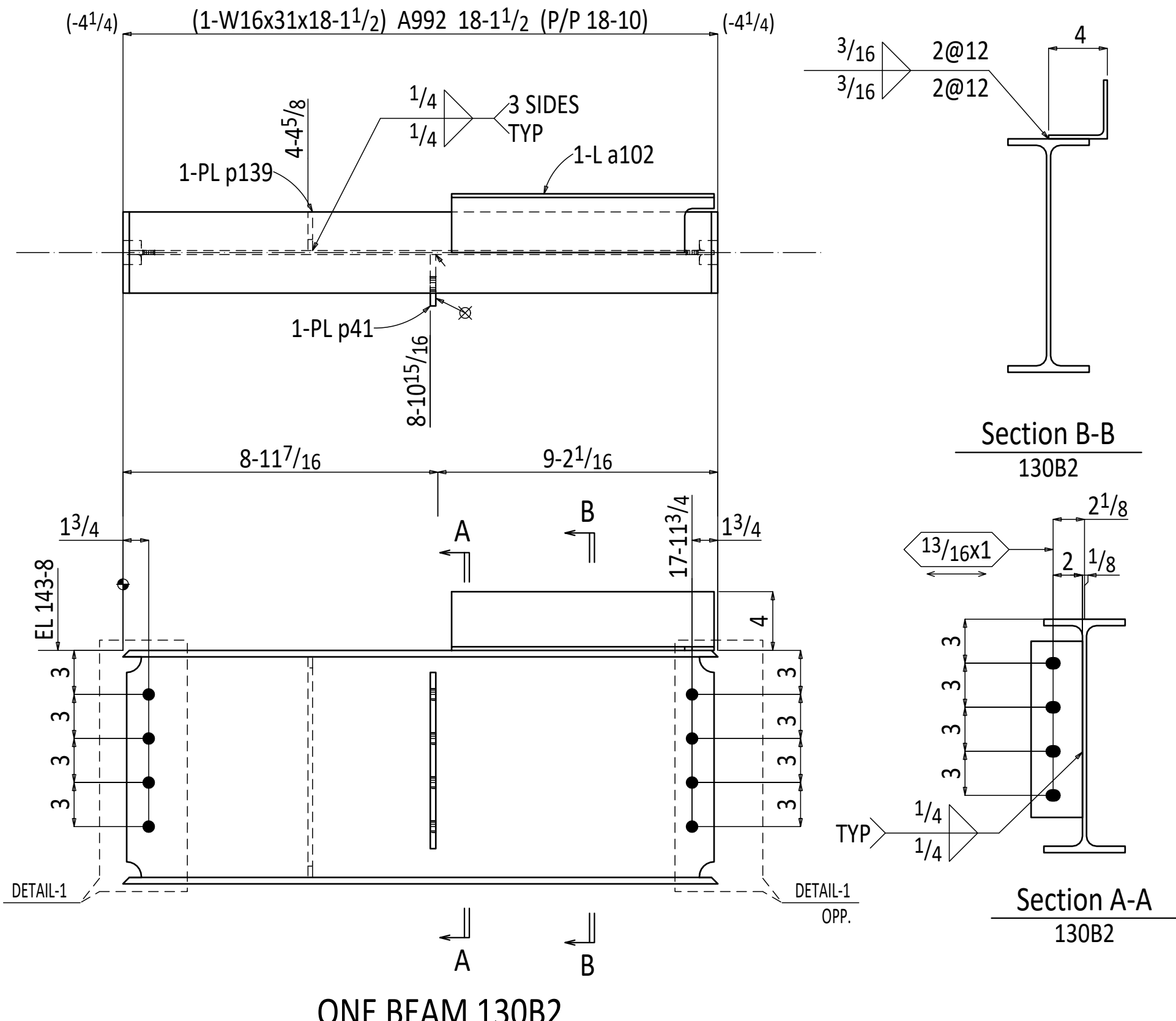
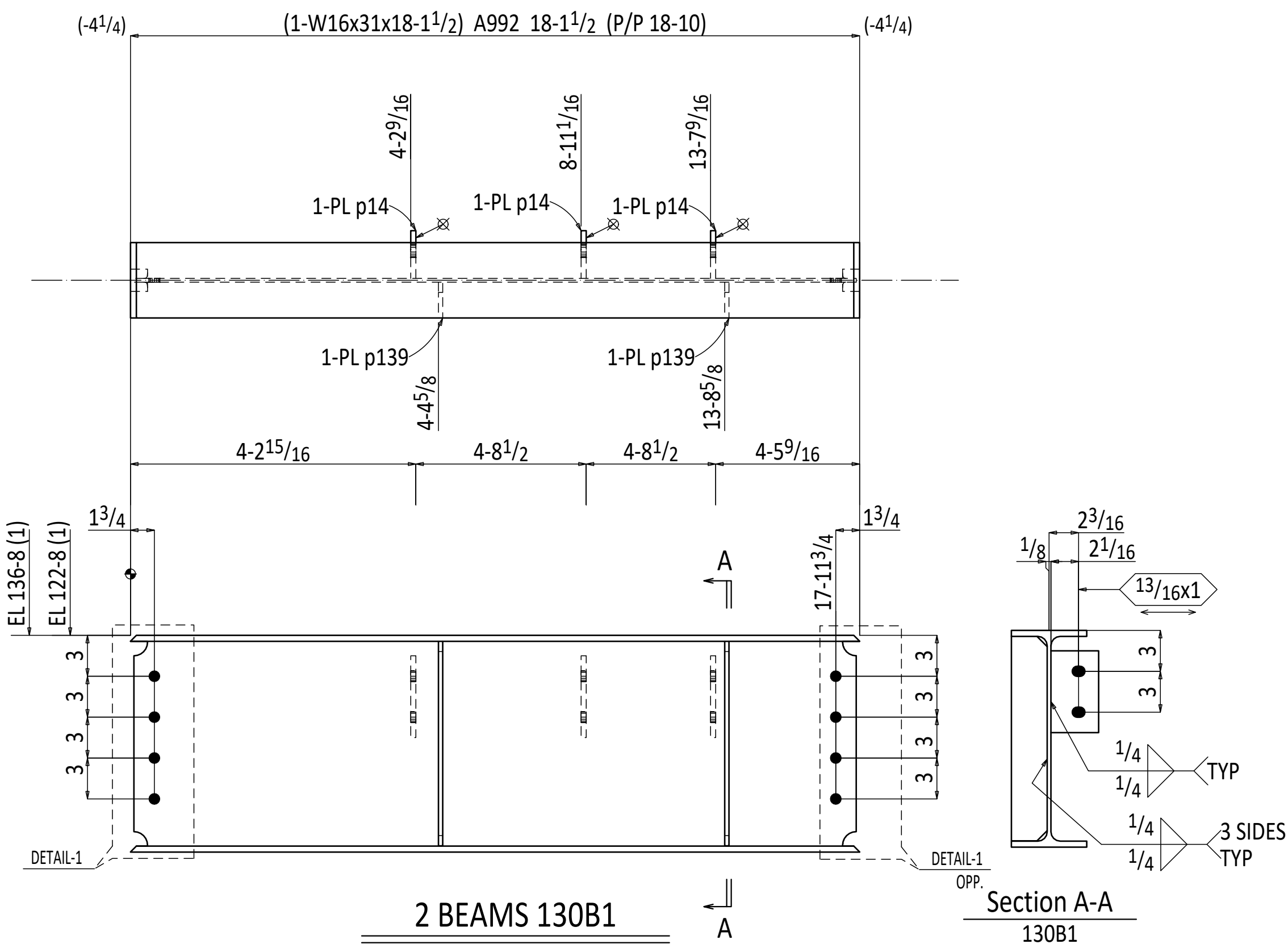
Section A-A
129B2

BILL OF MATERIAL

MARK	QTY/ASSE.	DESCRIPTION	LENGTH	GRADE	REMARKS	WEIGHT
129B1	3	BEAM				598
129B1	3	C9x20	9-11 1/2	A36		598
		FIELD BOLTS				
	12	3/4 Dia A325	2		+1HD WASH	
129B2	2	BEAM				1151
129B2	2	W16x31	18-1 1/2	A992		1124
p14	6	PL 3/8 x 3 1/2	6	A36		13
p139	4	PL 5/8 x 2 5/8	1-3	A36		14
		FIELD BOLTS				
	16	3/4 Dia A325	1 3/4		+1HD WASH	
129B3	3	BEAM				920
129B3	3	W16x31	8-11 1/2	A992		759
a66	3	L4x4x1/4	8-7 1/2	A36		161
		FIELD BOLTS				
	24	3/4 Dia A325	1 3/4		+1HD WASH	
129B4	3	BEAM				920
129B4	3	W16x31	8-11 1/2	A992		759
a66	3	L4x4x1/4	8-7 1/2	A36		161
		FIELD BOLTS				
	24	3/4 Dia A325	1 3/4		+1HD WASH	
129B5	3	BEAM				2064
129B5	3	W16x31	18-1 1/2	A992		1686
a63	3	L4x4x1/4	18-1	A36		358
p14	9	PL 3/8 x 3 1/2	6	A36		20
		FIELD BOLTS				
	24	3/4 Dia A325	1 3/4		+1HD WASH	
TOTAL WEIGHT THIS DRAWING 5652						

HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES, ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES:	ASTM A500, GRADE C
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

RS&H COMMENTS UPDATED	JVL	07-02-24
4TH FLOOR LANDING CHANGES	JVL	06-14-24
HEADER BEAMS UPDATION	JVL	06-13-24
ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY DATE
FOR APPROVAL: R & R APPROVAL	TO SHOP:	TO FIELD: AS BUILT:
BID ACCURATE LLC		
PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV DATE: 06-04-24 REF. DWG: JOB NUMBER	CHECKED BY: JVL DATE: 06-04-24 SCALE: NTS SHEET REV
DESCRIPTION: BEAM DETAILS	-	129



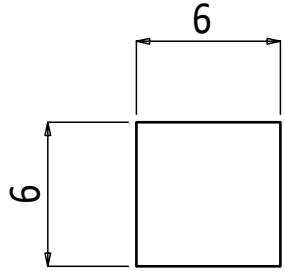
BILL OF MATERIAL						
MARK	QTY/ASSE.	DESCRIPTION	LENGTH	GRADE	REMARKS	WEIGHT
130B1	2	BEAM				1151
130B1	2	W16x31	18-11/2	A992		1124
p14	6	PL3/8x31/2	6	A36		13
p139	4	PL5/16x25/8	1-3	A36		14
		FIELD BOLTS				
	16	3/4 Dia A325	13/4		+1HD WASH	
130B2	ONE	BEAM				632
130B2	1	W16x31	18-11/2	A992		562
a102	1	L4x4x1/4	9-07/8	A36		60
p14	3	PL3/8x31/2	6	A36		7
p139	1	PL5/16x25/8	1-3	A36		3
		FIELD BOLTS				
	8	3/4 Dia A325	13/4		+1HD WASH	
130B3	2	BEAM				424
130B3	2	C9x20	10-71/4	A36		424
		FIELD BOLTS				
	8	3/4 Dia A325	2		+1HD WASH	
130B4	4	BEAM				848
130B4	4	C9x20	10-71/4	A36		848
		FIELD BOLTS				
	16	3/4 Dia A325	2		+1HD WASH	
130B5	6	BEAM				1052
130B5	6	C9x20	8-97/16	A36		1052
		FIELD BOLTS				
	24	3/4 Dia A325	2		+1HD WASH	
130B6	ONE	BEAM				595
130B6	1	HSS8x8x1/4	18-17/8	A500B		469
a328	1	L4x4x1/4	18-1	A36		119
p14	3	PL3/8x31/2	6	A36		7
TOTAL WEIGHT THIS DRAWING 4702						

HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF: A992	
STEEL PLATES, ANGLES & CHANNELS: ASTM A-36	
STEEL TUBES: ASTM A500, GRADE C	
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

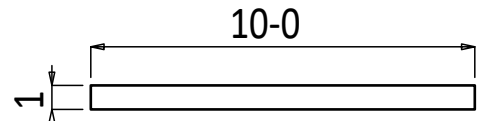
RS&H COMMENTS UPDATED	JVL	07-02-24
4TH FLOOR LANDING CHANGES	JVL	06-14-24
HEADER BEAMS UPDATION	JVL	06-13-24
ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY DATE
FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:
BID ACCURATE LLC		
PROJECT NAME:	DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION	DATE: 06-04-24	DATE: 06-04-24
4949 BLANDING BLVD.	REF. DWG:	SCALE: NTS
JACKSONVILLE, FL	JOB NUMBER	SHEET REV
DESCRIPTION: BEAM DETAILS	-	130

NOT IN USE

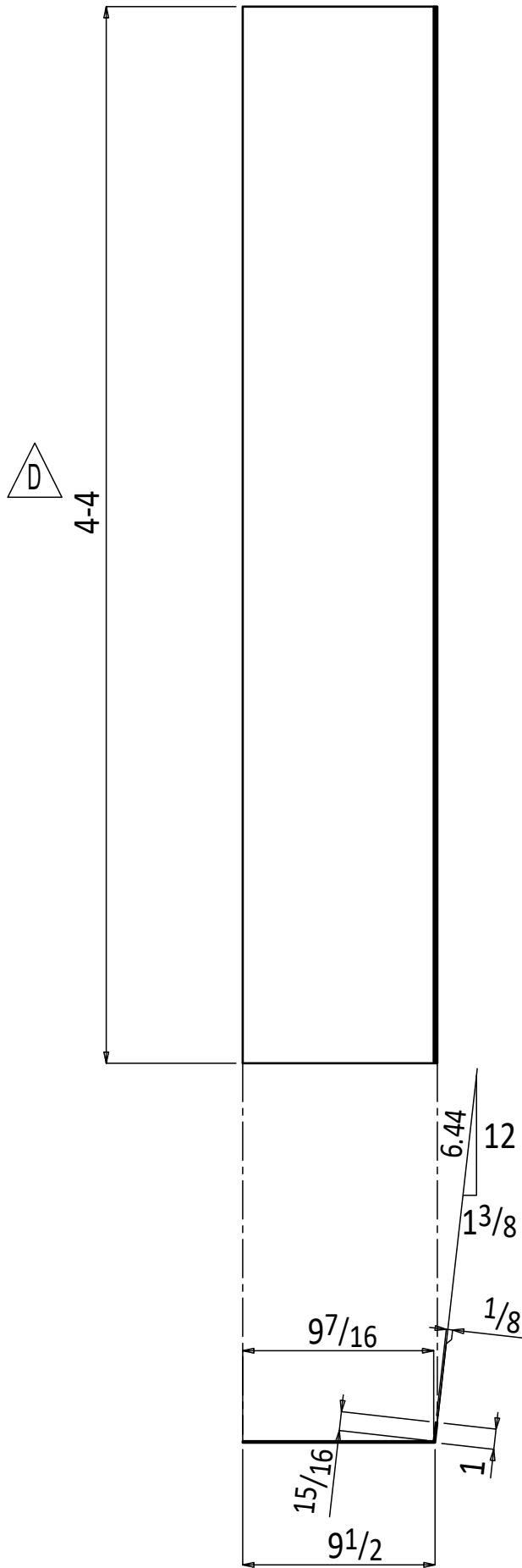
ONE PLATE 131M1



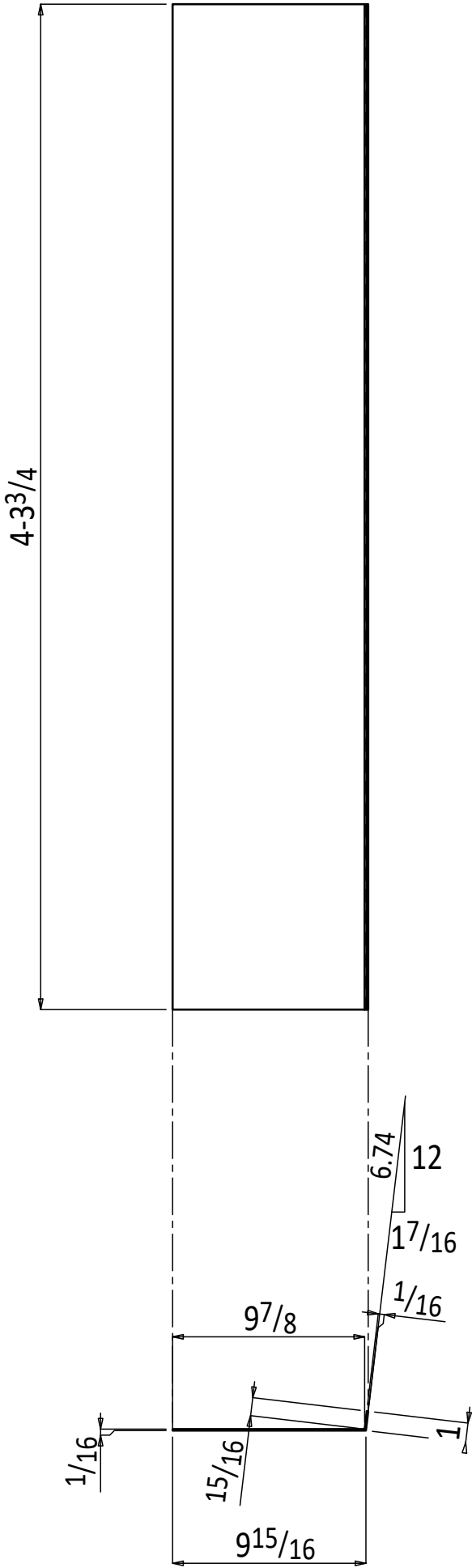
5 PLATES 131M2



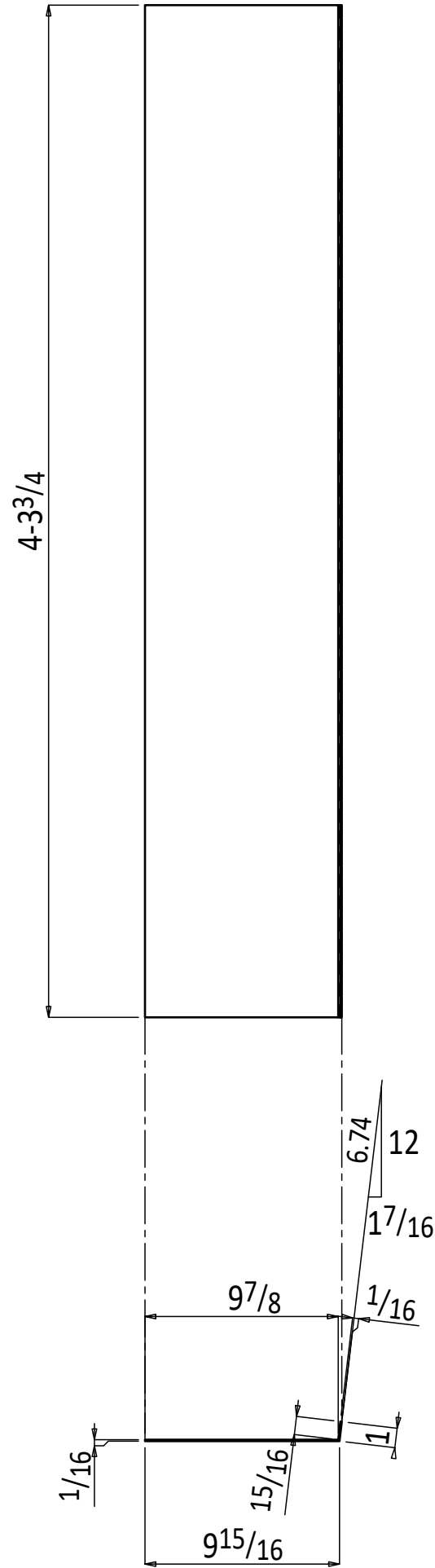
5 BACKING BARS 131M3



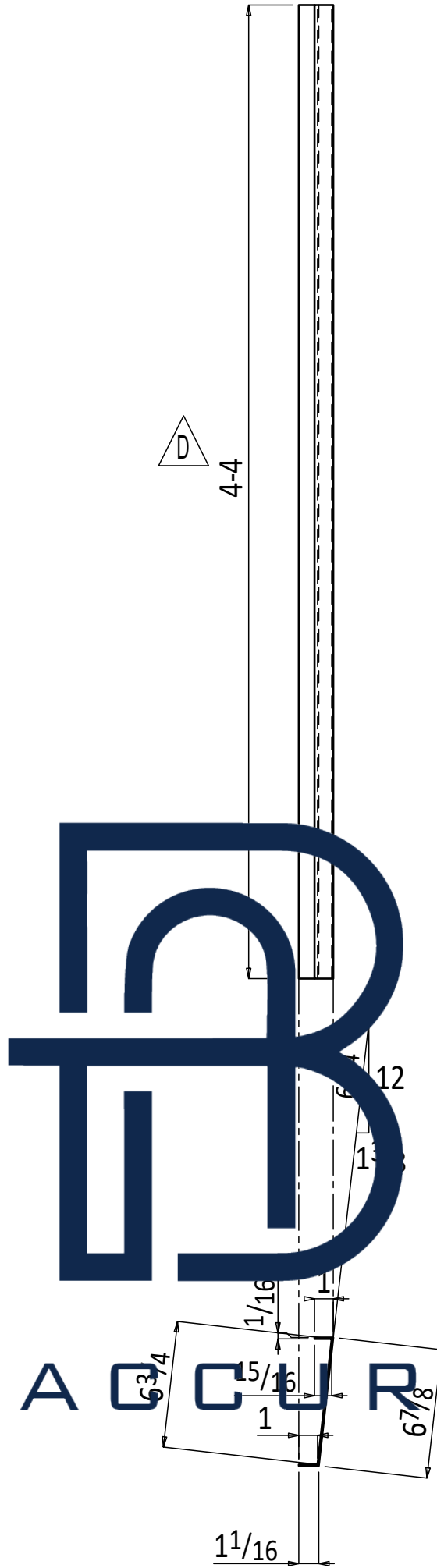
2 PAN PLATES 131M4



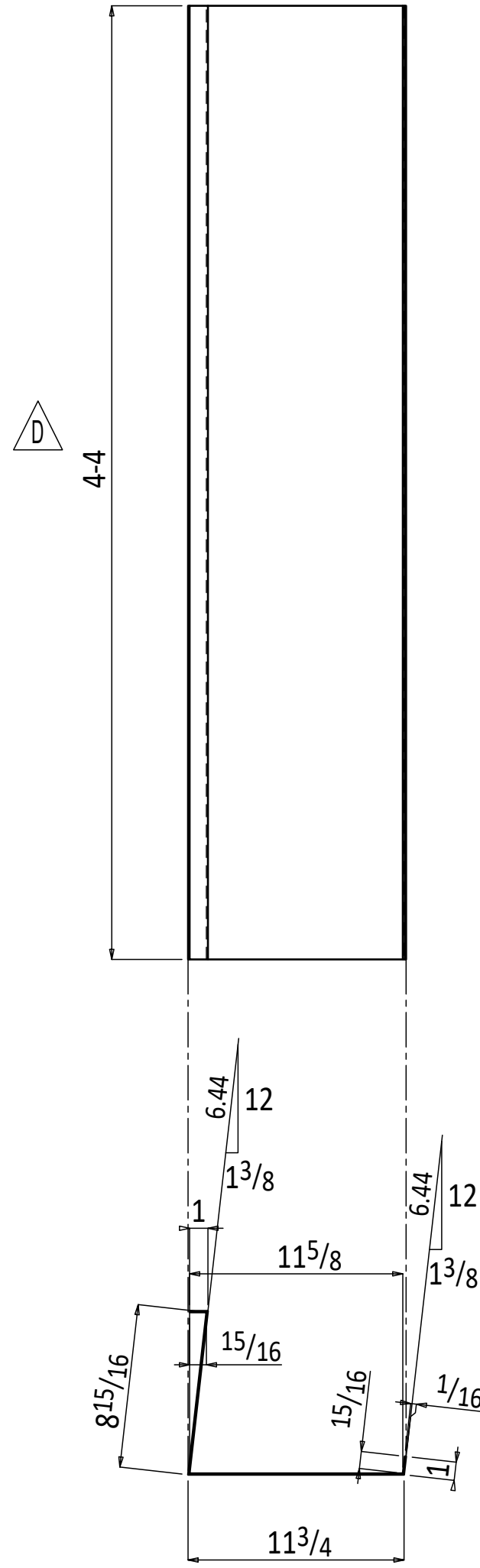
2 PAN PLATES 131M5



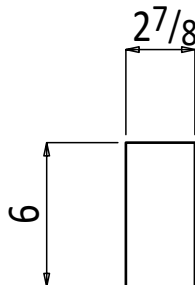
2 PAN PLATES 131M6



2 PAN PLATES 131M7



2 PAN PLATES 131M8



ONE PLATE 131M9

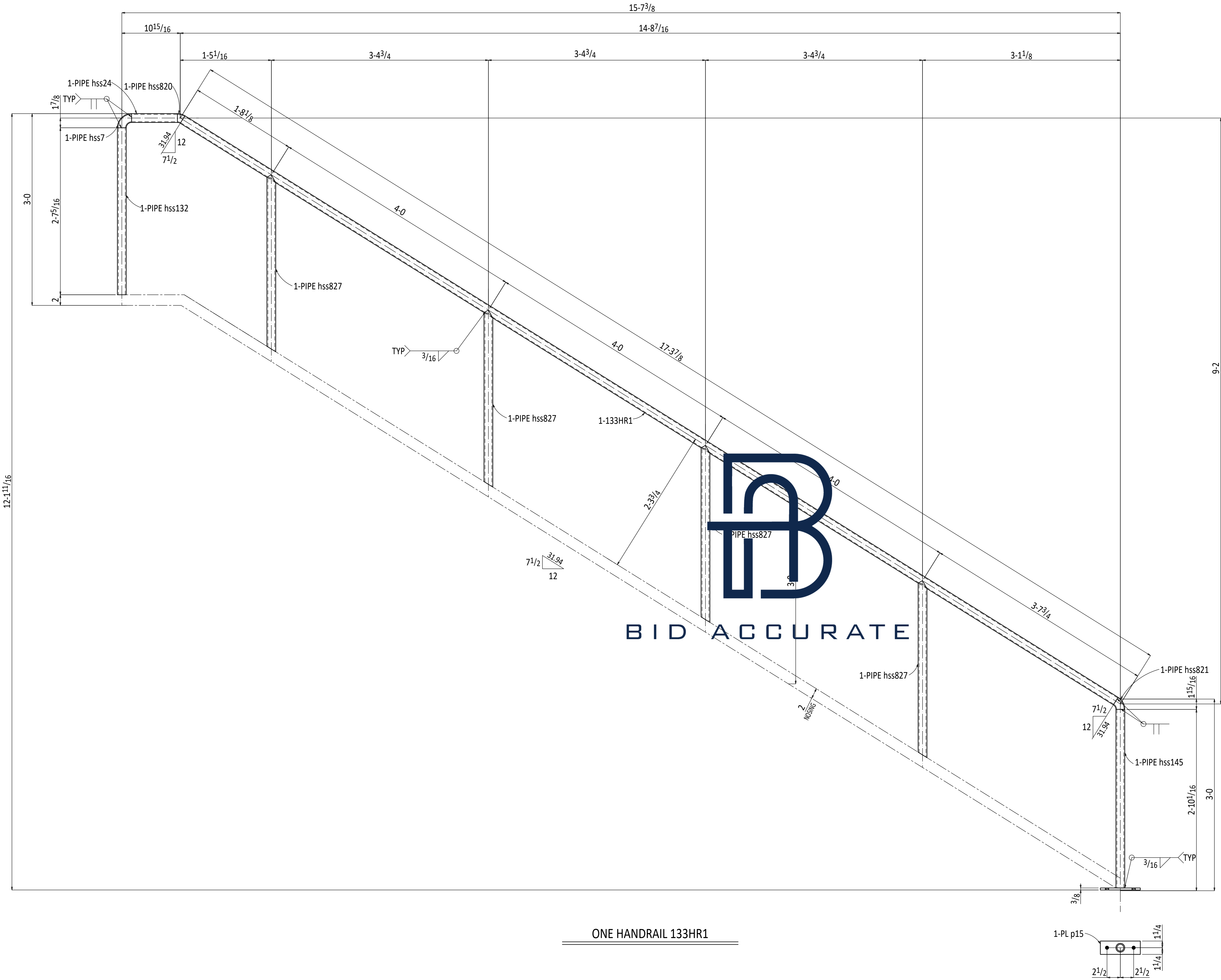
BILL OF MATERIAL

MARK	QTY/ASSE.	DESCRIPTION	LENGTH	GRADE	REMARKS	WEIGHT
131M2	5	PLATE				13
131M2R	5	PL 1/4x6	6	A36		13
131M3	5	BACKING BAR				43
131M3	5	PL 1/2x1	10-0	A36		43
131M4	2	PAN PLATE				21
131M4	2	PL14GAX9 1/16	4-2 1/2	A36	BENT	21
131M5	2	PAN PLATE				22
131M5	2	PL14GAX10 1/16	4-3 7/8	A36	BENT	22
131M6	2	PAN PLATE				22
131M6	2	PL14GAX10 1/16	4-3 7/8	A36	BENT	22
131M7	2	PAN PLATE				4
131M7	2	PL14GAX11 3/16	4-4	A36	BENT	4
131M8	2	PAN PLATE				26
131M8R	2	PL14GAX11 7/8	4-4	A36	BENT	26
131M9	ONE	PLATE				1
131M9R	1	PL 1/2x2 7/8	6	A36		1
TOTAL WEIGHT THIS DRAWING			152			

HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF: A992	
STEEL PLATES, ANGLES & CHANNELS: ASTM A-36	
STEEL TUBES: ASTM A500, GRADE C	
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

D	RS&H COMMENTS UPDATED	JVL	07-02-24
C	4TH FLOOR LANDING CHANGES	JVL	06-14-24
B	HEADER BEAMS UPDATION	JVL	06-13-24
A	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:	
BID ACCURATE LLC			
PROJECT NAME:		DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION		DATE: 06-04-24	DATE: 06-04-24
4949 BLANDING BLVD.		REF. DWG:	SCALE: NTS
JACKSONVILLE, FL		JOB NUMBER	SHEET REV
DESCRIPTION:		-	131
MISCELLANEOUS DETAILS			D

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL		DRAWN BY: MSV		CHECKED BY: JVL	
		DATE: 06-04-24		DATE: 06-04-24	
		REF. DWG:		SCALE: NTS	
		JOB NUMBER		SHEET REV	
DESCRIPTION: BEAM AND HANDRAIL DETAILS		-		132	
					



BILL OF MATERIAL						
MARK	QTY/ASSE.	DESCRIPTION	LENGTH	GRADE	REMARKS	WEIGHT
133HR1	ONE	HANDRAIL				94
133HR1	1	PIPE 1 1/4 STD	17-2 5/16	A53		39
hss145	1	PIPE 1 1/4 SCH80	2-9 1/2	A53		8
hss827	4	PIPE 1 1/4 SCH80	2-9 1/4	A53		33
hss132	1	PIPE 1 1/4 SCH80	2-7 5/16	A53		8
hss24	1	PIPE 1 1/4 STD	8 7/8	A53		2
hss7	1	PIPE 1 1/4 STD	4 3/16	A53		1
hss821	1	PIPE 1 1/4 STD	2 1 1/16	A53		1
hss820	1	PIPE 1 1/4 STD	1 1/2	A53		0
p15	1	PL 3/8x2 1/2	7 1/2	A36		2
		FIELD BOLTS				
	2	5/8 Dia	4 1/4			
TOTAL WEIGHT THIS DRAWING 94						

HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES, ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES:	ASTM A500, GRADE C
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

D	RS&H COMMENTS UPDATED	JVL	07-02-24
C	4TH FLOOR LANDING CHANGES	JVL	06-14-24
B	HEADER BEAMS UPDATION	JVL	06-13-24
A	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:	



BILL OF MATERIAL

TOTAL WEIGHT THIS DRAWING 179

D	RS&H COMMENTS UPDATED	JVL	07-02-24
C	4TH FLOOR LANDING CHANGES	JVL	06-14-24
B	HEADER BEAMS UPDATE	JVL	06-13-24
A	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO FIELD:	
R & R APPROVAL		AS BUILT:	

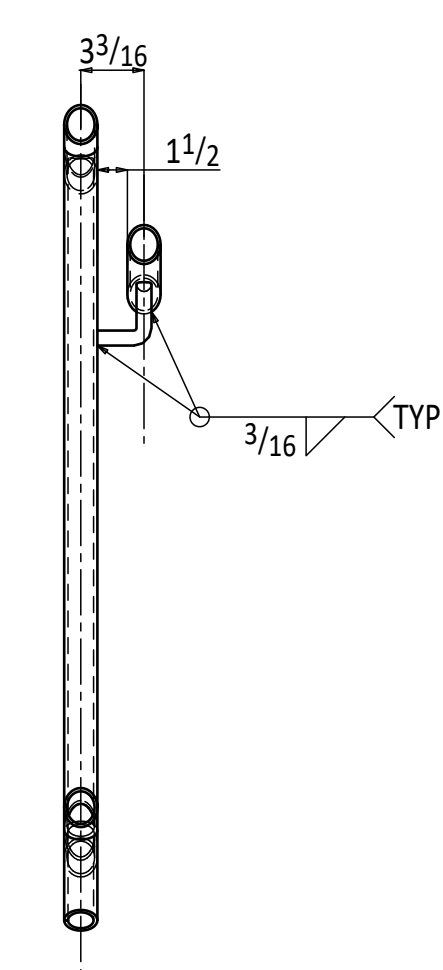
PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL	
	DATE: 06-04-24	DATE: 06-04-24	
	REF. DWG:	SCALE:	NTS
	JOB NUMBER	SHEET	REV
DESCRIPTION: HANDRAIL DETAIL	-	136	



PROJECT NAME: GRADE SCHOOL RENOVATION 4949 DANDY BLVD. JACKSONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL	
	DATE: 06-04-24	DATE: 06-04-24	
	REF. DWG:	SCALE:	NTS
	JOB NUMBER	SHEET	REV
DESCRIPTION: HANDRAIL DETAILS	-	137	



PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL		DRAWN BY: MSV		CHECKED BY: JVL	
		DATE: 06-04-24		DATE: 06-04-24	
		REF. DWG:		SCALE: NTS	
		JOB NUMBER		SHEET REV	
DESCRIPTION: HANDRAIL DETAILS		-		138 	

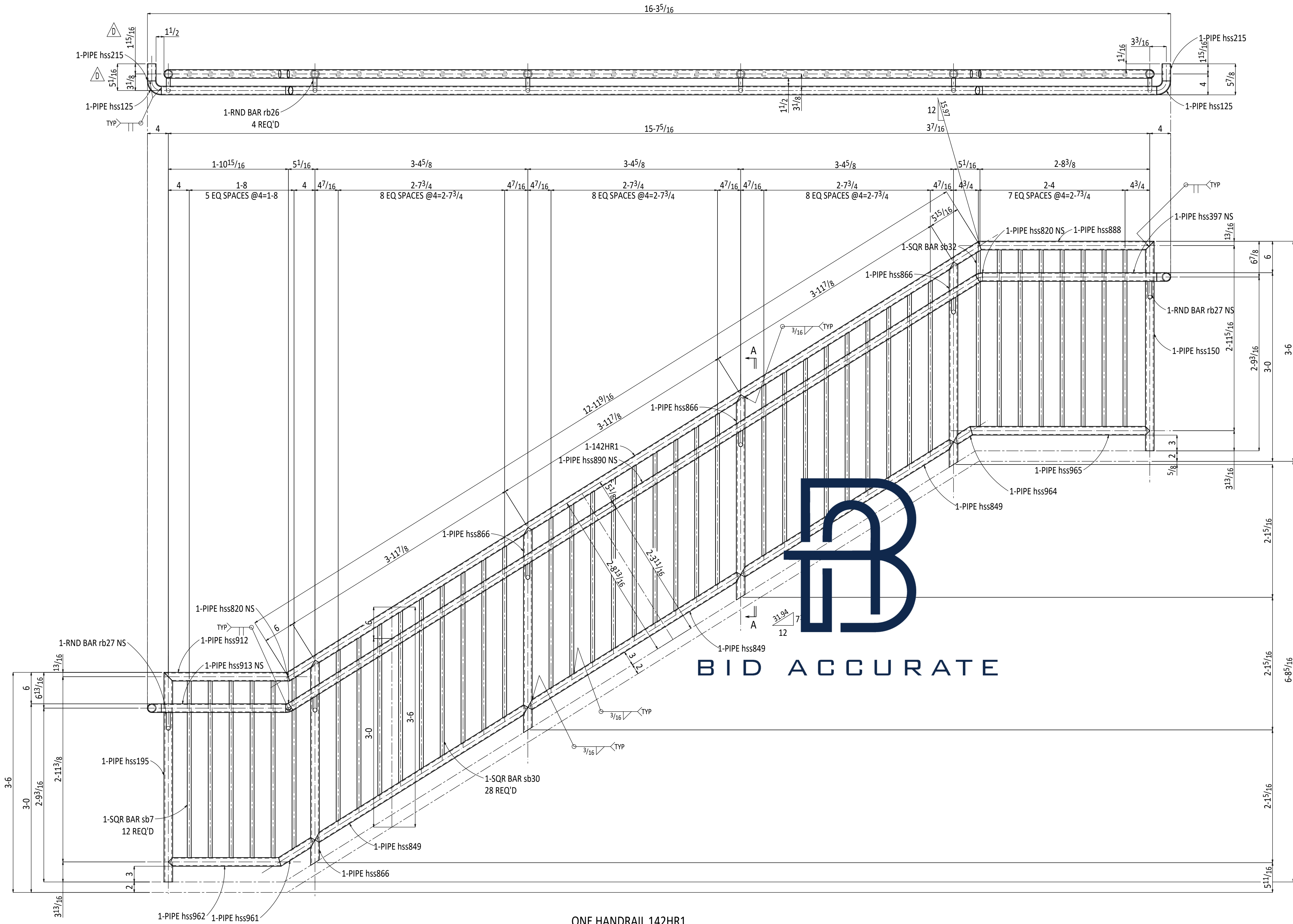


PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL	
	DATE: 06-04-24	DATE: 06-04-24	
	REF. DWG:	SCALE:	NTS
	JOB NUMBER	SHEET	REV
DESCRIPTION: HANDRAIL DETAIL	-	139	

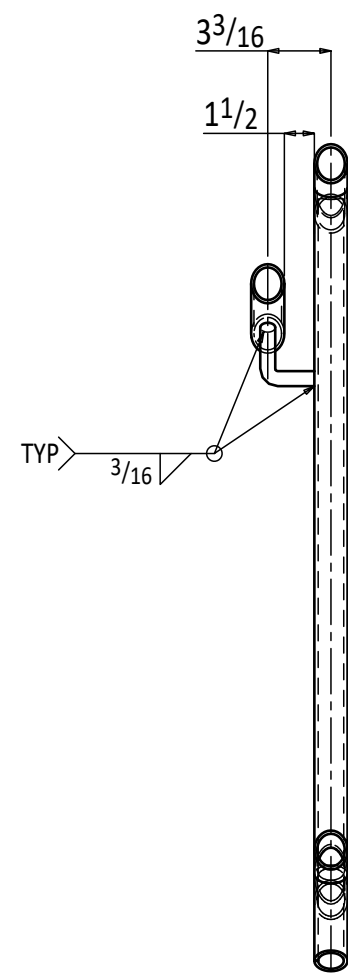
TOTAL WEIGHT THIS DRAWING 362

D	RS&H COMMENTS UPDATED	JVL	07-02-24
C	4TH FLOOR LANDING CHANGES	JVL	06-14-24
B	HEADER BEAMS UPGRADE	JVL	06-13-24
A	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO FIELD:	
R & R APPROVAL		AS BUILT:	

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV		CHECKED BY: JVL	
	DATE: 06-04-24		DATE: 06-04-24	
	REF. DWG:		SCALE:	NTS
	JOB NUMBER		SHEET	REV
DESCRIPTION:	HANDRAIL DETAIL	-	141	



ONE HANDRAIL 142HR1



Section A-A
142HR1

BILL OF MATERIAL

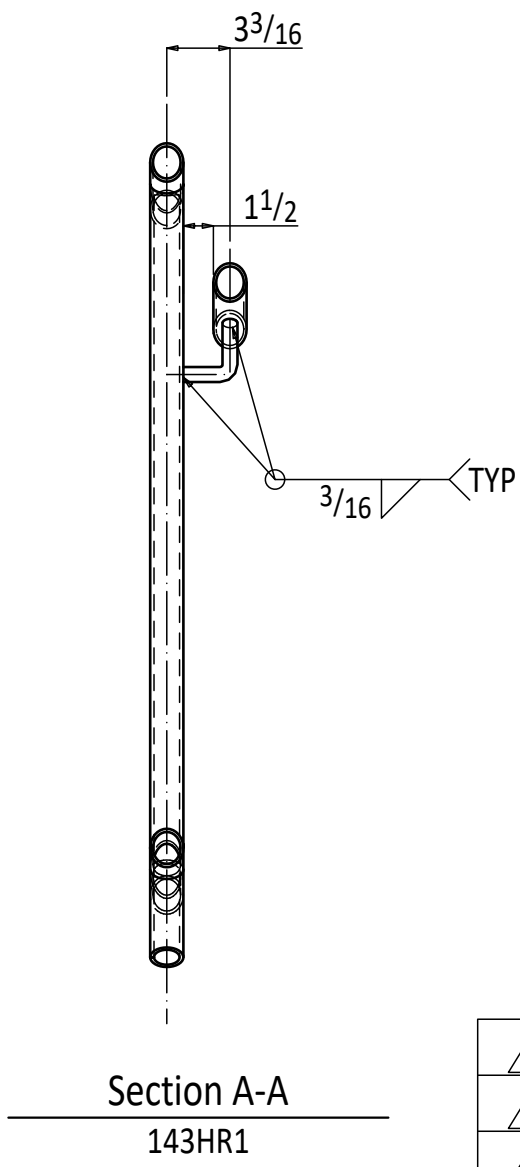
MARK	QTY/ASSE.	DESCRIPTION	LENGTH	GRADE	REMARKS	WEIGHT
142HR1	ONE	Hand Rail				401
142HR1	1	PIPE 1 1/4 STD	13-0	A53		30
hss150	1	PIPE 1 1/2 SCH80	3-4	A53		10
hss195	1	PIPE 1 1/4 SCH80	3-4	A53		10
hss866	4	PIPE 1 1/4 SCH80	3-3 3/16	A53		39
hss890	1	PIPE 1 1/4 STD	12-10 1/2	A53		29
hss849	3	PIPE 1 1/4 STD	3-11 7/8	A53		27
hss965	1	PIPE 1 1/4 STD	2-10 5/16	A53		6
hss888	1	PIPE 1 1/4 STD	2-9 1/2	A53		6
hss397	1	PIPE 1 1/4 STD	2-9 1/4	A53		6
hss912	1	PIPE 1 1/4 STD	2-0	A53		5
hss913	1	PIPE 1 1/4 STD	1-11 3/4	A53		4
hss962	1	PIPE 1 1/4 STD	1-9 1/2	A53		4
hss961	1	PIPE 1 1/4 STD	8 1/8	A53		2
hss964	1	PIPE 1 1/4 STD	4 1/4	A53		1
hss125	2	PIPE 1 1/4 STD	4 3/16	A53		2
hss215	2	PIPE 1 1/4 STD	3 1/4	A53		1
hss820	2	PIPE 1 1/4 STD	1 1/2	A53		1
rb27	2	RB 3/4	5 1/8	A36		1
rb26	4	RB 3/4	4 7/8	A36		2
sb7	12	SB 3/4	2-9 11/16	A36		64
sb22	1	SB 3/4	2-9 9/16	A36		5
sb30	28	SB 3/4	2-8 13/16	A36		145
TOTAL WEIGHT THIS DRAWING 401						

TOTAL WEIGHT THIS DRAWING 401

BID ACCURATE

SHOP NOTE:
ALL WELDS WILL NEED TO BE GROUND SMOOTH

RS&H COMMENTS UPDATED	JVL	07-02-24
4TH FLOOR LANDING CHANGES	JVL	06-14-24
HEADER BEAMS UPDATION	JVL	06-13-24
ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY DATE
FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:
BID ACCURATE LLC		
PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV DATE: 06-04-24 REF. DWG: JOB NUMBER	CHECKED BY: JVL DATE: 06-04-24 SCALE: NTS SHEET REV
DESCRIPTION: HANDRAIL DETAIL	-	142

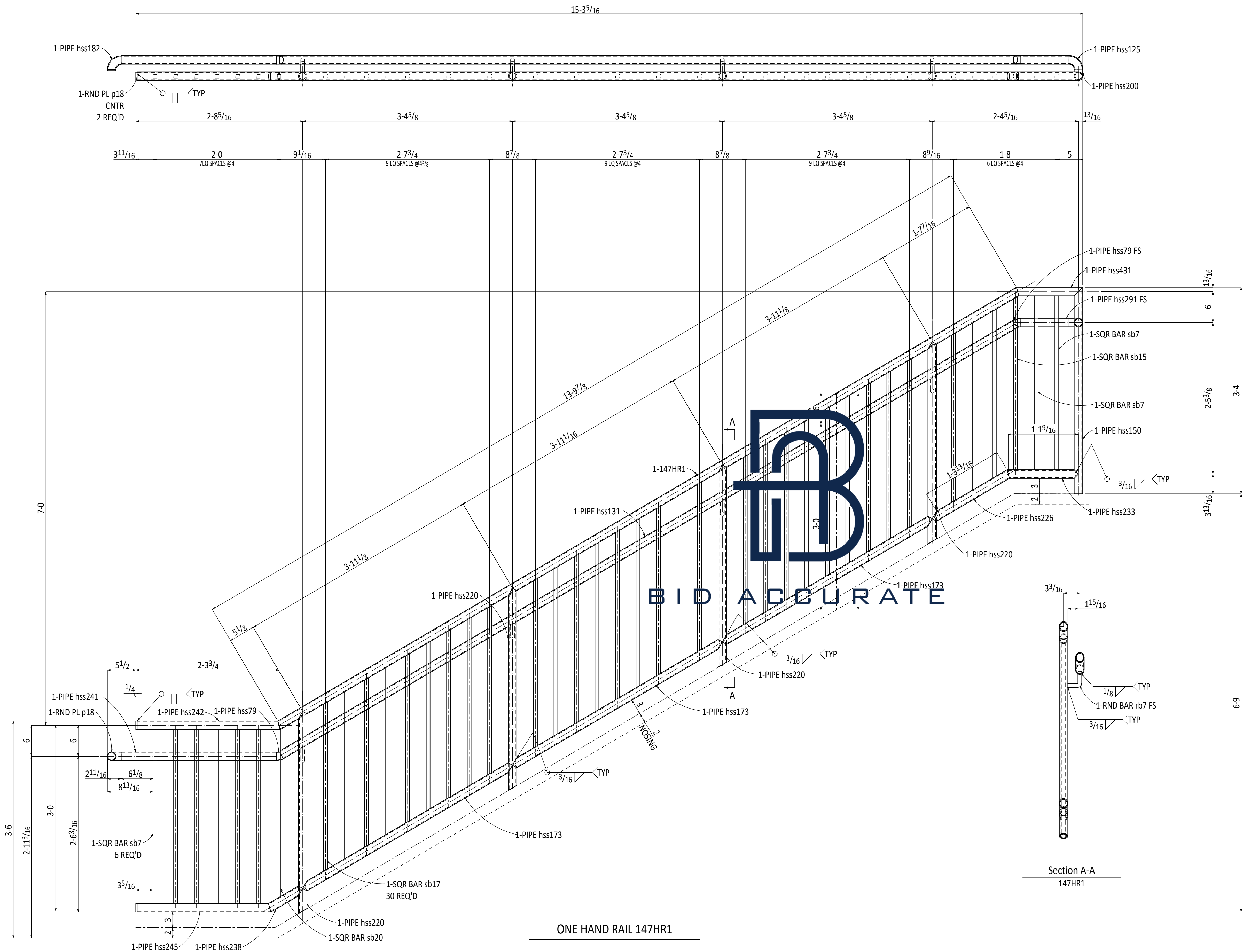
[illegible]

HOLE: 13/16 Ø (U.N.O)	WELD: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES,ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: 3/4 A-325X U.N.O	
MISC:	

	RS&H COMMENTS UPDATED	JVL	07-02-24
	4TH FLOOR LANDING CHANGES	JVL	06-14-24
	HEADER BEAMS UPDATION	JVL	06-13-24
	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL: R & R APPROVAL		TO SHOP:	TO FIELD: AS BUILT:

BID ACCURATE LLC

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV		CHECKED BY: JVL	
	DATE: 06-04-24		DATE: 06-04-24	
	REF. DWG:		SCALE: NTS	
	JOB NUMBER		SHEET REV	
DESCRIPTION: HANDRAIL DETAIL	-		143 	



SHOP NOTE:
ALL WELDS WILL NEED TO BE GROUND SMOOTH

BILL OF MATERIAL

MARK	QTY/ASSE.	DESCRIPTION	LENGTH	GRADE	REMARKS	WEIGHT
147HR1	ONE	HAND RAIL				379
147HR1	1	PIPE 1 1/4 STD	13'-10 5/16	A53		31
hss150	1	PIPE 1 1/4 SCH80	3'-4	A53		10
hss220	4	PIPE 1 1/4 SCH80	3'-3 1/8	A53		39
hss131	1	PIPE 1 1/4 STD	13'-8 7/8	A53		31
hss173	3	PIPE 1 1/4 STD	3'-11 1/8	A53		27
hss241	1	PIPE 1 1/4 STD	2'-6 1/16	A53		6
hss242	1	PIPE 1 1/4 STD	2'-3 1/16	A53		5
hss245	1	PIPE 1 1/4 STD	2'-4 7/8	A53		5
hss226	1	PIPE 1 1/4 STD	1'-5 5/16	A53		3
hss233	1	PIPE 1 1/4 STD	1'-11 1/16	A53		3
hss431	1	PIPE 1 1/4 STD	1'-0 13/16	A53		2
hss291	1	PIPE 1 1/4 STD	9'-7/16	A53		2
hss238	1	PIPE 1 1/4 STD	7'-5/8	A53		1
hss125	1	PIPE 1 1/4 STD	4'-3/16	A53		1
hss182	1	PIPE 1 1/4 STD	4'-3/16	A53		1
hss79	2	PIPE 1 1/4 STD	1'-7/16	A53		1
hss200	1	PIPE 1 1/4 STD	1'-9/16	A53		0
rb7	4	RB 3/4	4'-7/16	A36		2
p18	3	PL 1/2x1 1/16		A36		0
sb7	8	SB 3/4	2'-9 11/16	A36		43
sb15	1	SB 3/4	2'-9 1/2	A36		5
sb17	30	SB 3/4	2'-8 13/16	A36		155
sb20	1	SB 3/4	2'-8 11/16	A36		5
TOTAL WEIGHT THIS DRAWING 379						

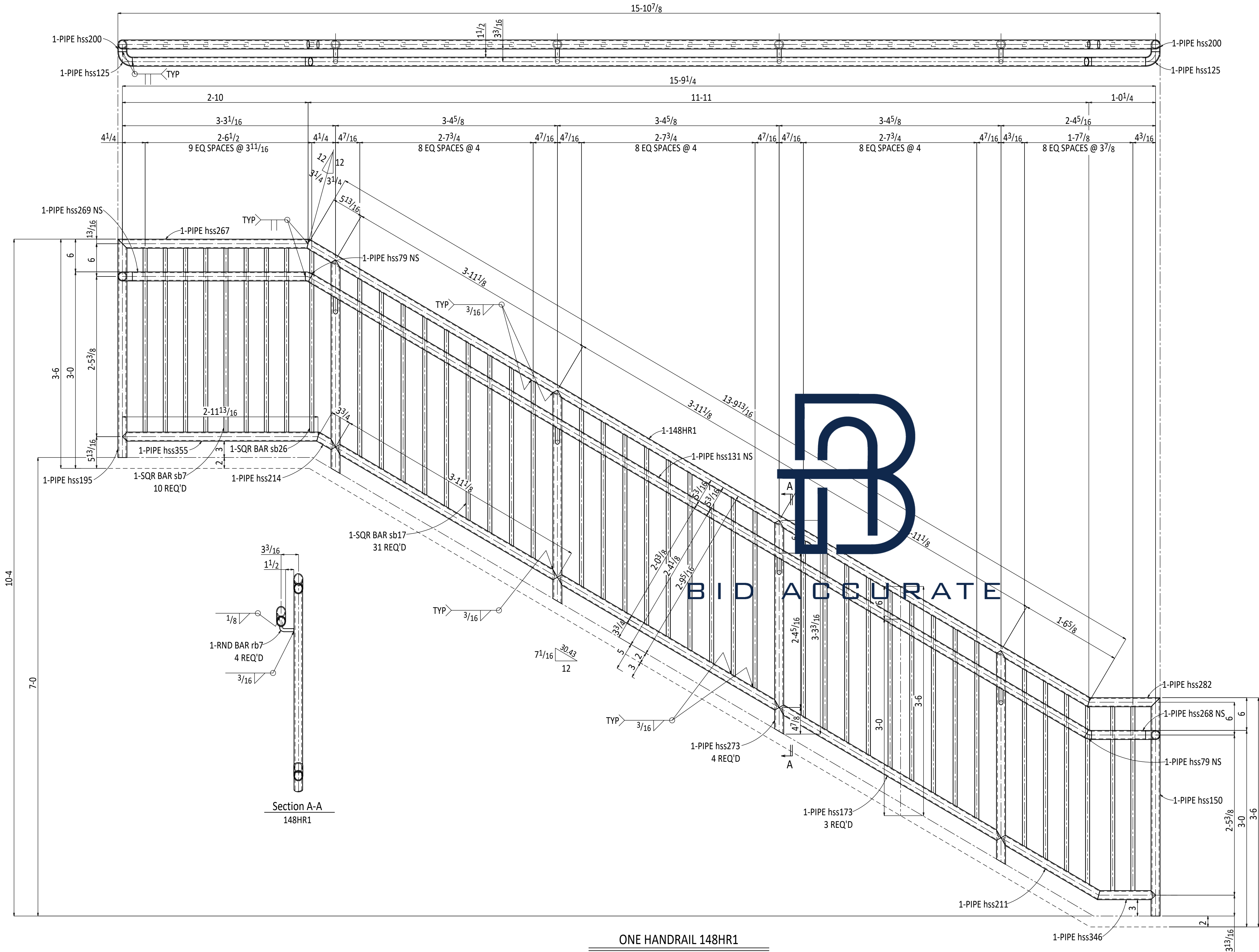
HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF: A992	
STEEL PLATES, ANGLES & CHANNELS: ASTM A-36	
STEEL TUBES: ASTM A500, GRADE C	
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

RS&H COMMENTS UPDATED	JVL	07-02-24
4TH FLOOR LANDING CHANGES	JVL	06-14-24
HEADER BEAMS UPDATION	JVL	06-13-24
ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY DATE

FOR APPROVAL: R & R APPROVAL	TO SHOP:	TO FIELD: AS BUILT:
---------------------------------	----------	------------------------

BID ACCURATE LLC

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV DATE: 06-04-24 REF. DWG: JOB NUMBER	CHECKED BY: JVL DATE: 06-04-24 SCALE: NTS SHEET REV
DESCRIPTION: HANDRAIL DETAIL	-	147



SHOP NOTE:
ALL WELDS WILL NEED TO BE GROUND SMOOTH

BILL OF MATERIAL

MARK	QTY/ASSE.	DESCRIPTION	LENGTH	GRADE	REMARKS	WEIGHT
148HR1	ONE	HANDRAIL				403
148HR1	1	PIPE 1 1/4 STD	13'-10 5/16	A53		31
hss150	1	PIPE 1 1/4 SCH80	3'-4	A53		10
hss195	1	PIPE 1 1/4 SCH80	3'-4	A53		10
hss273	4	PIPE 1 1/4 SCH80	3'-3 1/8	A53		39
hss131	1	PIPE 1 1/4 STD	13'-8 7/8	A53		31
hss173	3	PIPE 1 1/4 STD	3'-11 1/8	A53		27
hss355	1	PIPE 1 1/4 STD	3'-0 1/16	A53		7
hss267	1	PIPE 1 1/4 STD	2'-11 1/16	A53		7
hss269	1	PIPE 1 1/4 STD	2'-7 1/16	A53		6
hss211	1	PIPE 1 1/4 STD	1'-9	A53		4
hss282	1	PIPE 1 1/4 STD	1'-5 1/16	A53		3
hss346	1	PIPE 1 1/4 STD	1'-0 1/8	A53		2
hss268	1	PIPE 1 1/4 STD	9 7/8	A53		2
hss125	2	PIPE 1 1/4 STD	4 3/16	A53		2
hss214	1	PIPE 1 1/4 STD	3 15/16	A53		1
hss79	2	PIPE 1 1/4 STD	1 7/16	A53		1
hss200	2	PIPE 1 1/4 STD	1 9/16	A53		1
rb7	4	RB 3/4	4 7/16	A36		2
sb7	10	SB 3/4	2'-8 11/16	A36		54
sb26	1	SB 3/4	2'-9 9/8	A36		5
sb17	31	SB 3/4	2'-8 13/16	A36		160

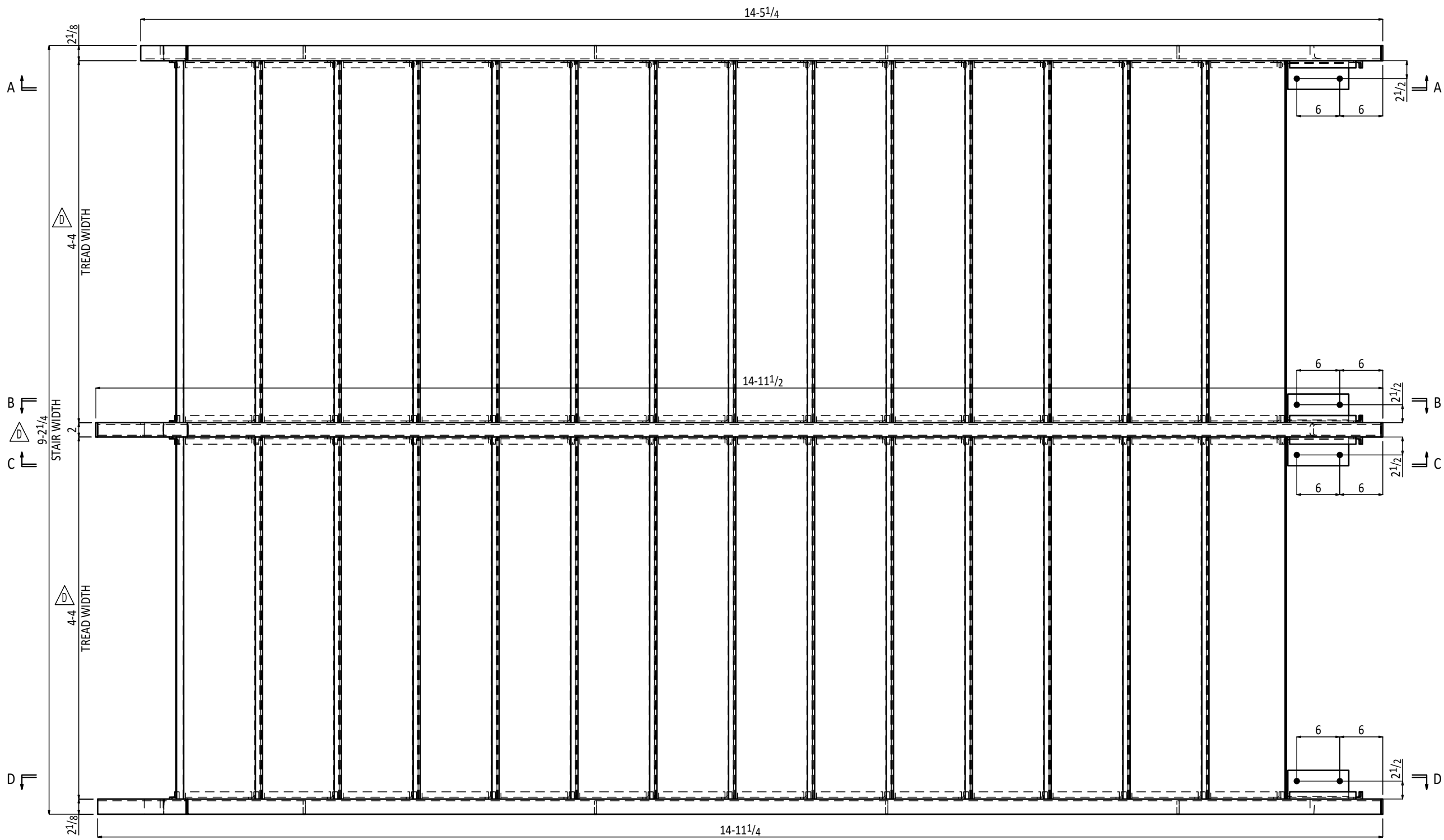
TOTAL WEIGHT THIS DRAWING 403

HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES, ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES:	ASTM A500, GRADE C
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

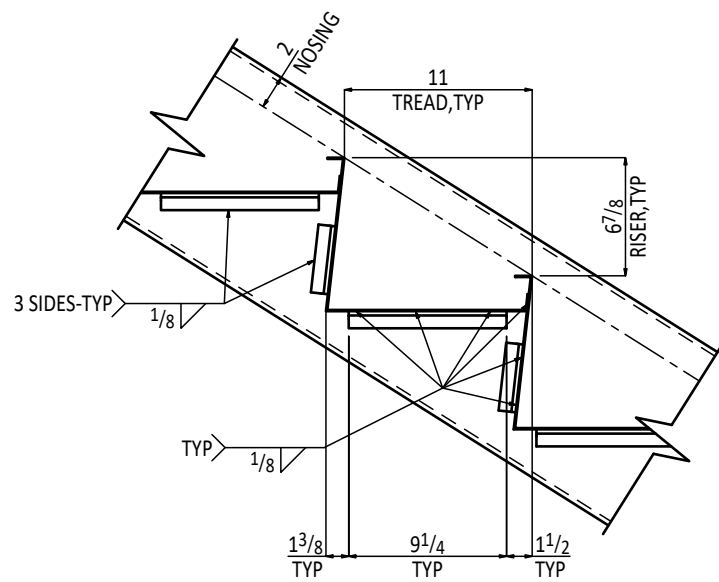
D	RS&H COMMENTS UPDATED	JVL	07-02-24
C	4TH FLOOR LANDING CHANGES	JVL	06-14-24
B	HEADER BEAMS UPDATION	JVL	06-13-24
A	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO FIELD:	
R & R APPROVAL		AS BUILT:	
TO SHOP:			

BID ACCURATE LLC

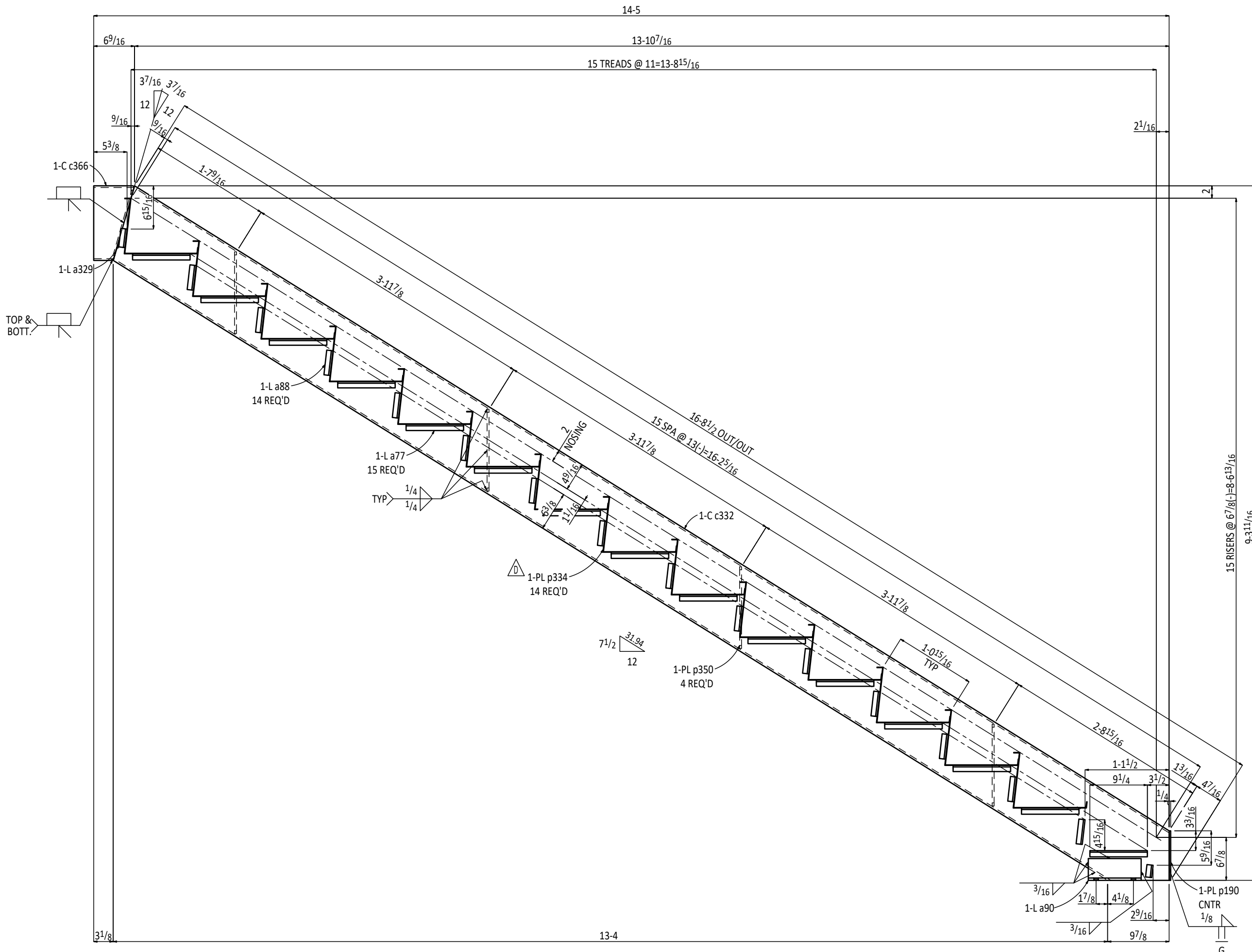
PROJECT NAME:	DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION	DATE: 06-04-24	DATE: 06-04-24
4949 BLANDING BLVD.	REF. DWG:	SCALE: NTS
JACKSONVILLE, FL	JOB NUMBER	SHEET REV
DESCRIPTION: HANDRAIL DETAIL	-	148



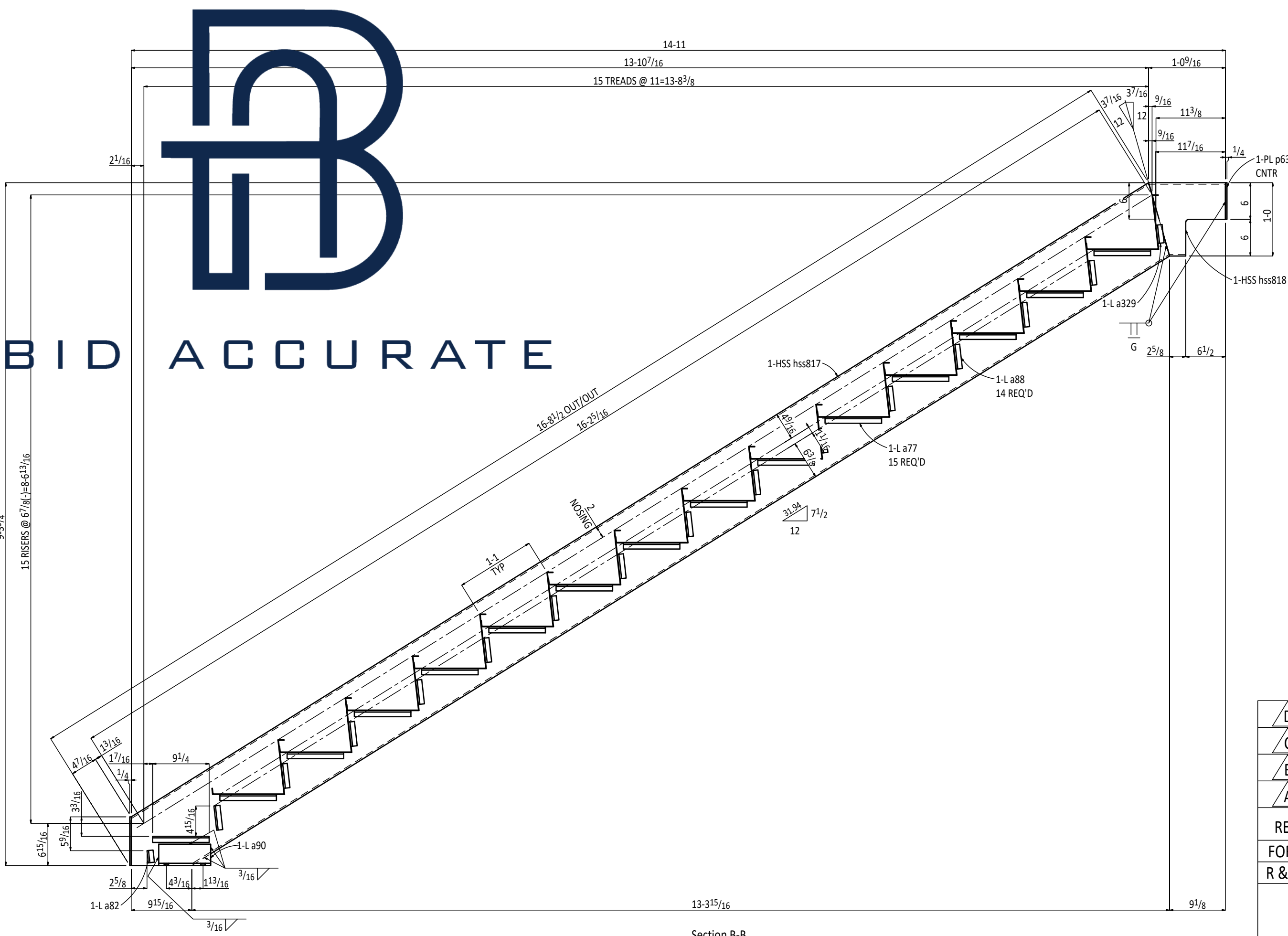
ONE STAIR 149S1



TYPICAL TREAD DETAIL
149S1



Section A-A
149S1



Section B-B
149S1

BILL OF MATERIAL

MARK	QTY/ASSE.	DESCRIPTION	LENGTH	GRADE	REMARKS	WEIGHT
149S1	ONE	STAIR				1388
c366	1	MC12x14.3	6 1/2	A36		8
c369	1	MC12x14.3	1-0 1/2	A36		15
c332	1	MC12x14.3	16-11 5/8	A36		243
c232	1	MC12x14.3	16-11 5/8	A36		243
hss817	1	HSS12x2x1/4	16-8 7/16	A500C		374
hss818	1	HSS12x2x1/4	1-0 7/16	A500C		23
a90	4	L4x3 1/2x3/8	8 1/2	A36		26
a77	60	L1x1x1/4	9 1/4	A36		47
a88	58	L1x1x1/4	4	A36		20
a329	4	L1x1x1/4	3	A36		1
a82	4	L1x1x1/4	2	A36		1
p350	8	PL 5/16x7/8	1-1 3/16	A36		17
p190	2	PL 1/2x2 1/8	7 15/16	A36		2
p336	1	PL 1/2x2	7 15/16	A36		1
p63	1	PL 1/2x2	6	A36		1
p344	28	PL14GAx11 7/8	4-4	A36	BENT	367
		FIELD BOLTS				
	8	3/4 Dia HILTI KB T22	4 1/4			
		EXP. ANCHOR				
		5 EMBEDMENT				

TOTAL WEIGHT THIS DRAWING 1388

BID ACCURATE

HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF: A992	
STEEL PLATES, ANGLES & CHANNELS: ASTM A-36	
STEEL TUBES: ASTM A500, GRADE C	
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

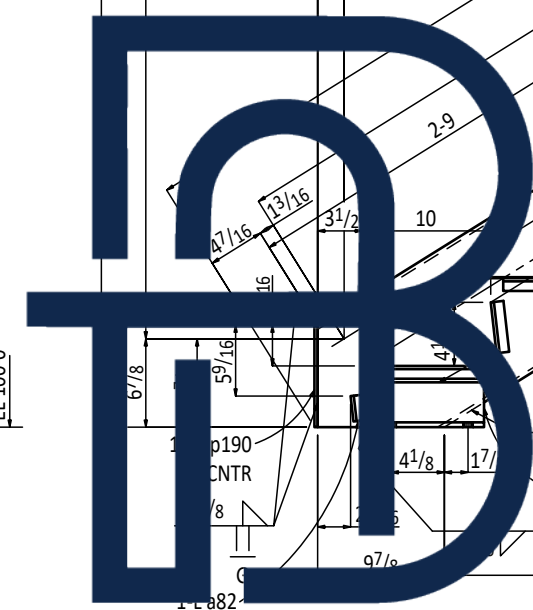
RS&H COMMENTS UPDATED	JVL	07-02-24
4TH FLOOR LANDING CHANGES	JVL	06-14-24
HEADER BEAMS UPDATION	JVL	06-13-24
ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY DATE

FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:

BID ACCURATE LLC

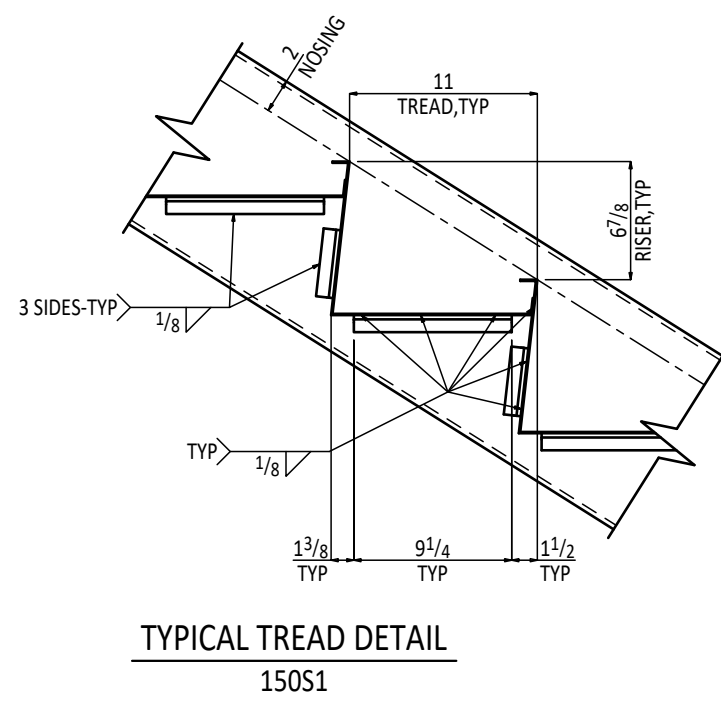
PROJECT NAME:	DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION	DATE: 06-04-24	DATE: 06-04-24
4949 BLANDING BLVD.	REF. DWG:	SCALE: NTS
JACKSONVILLE, FL	JOB NUMBER	SHEET REV
DESCRIPTION: STAIR DETAIL	-	149

READ THIS DRAWINGS INCONJUNCTION WITH 149A

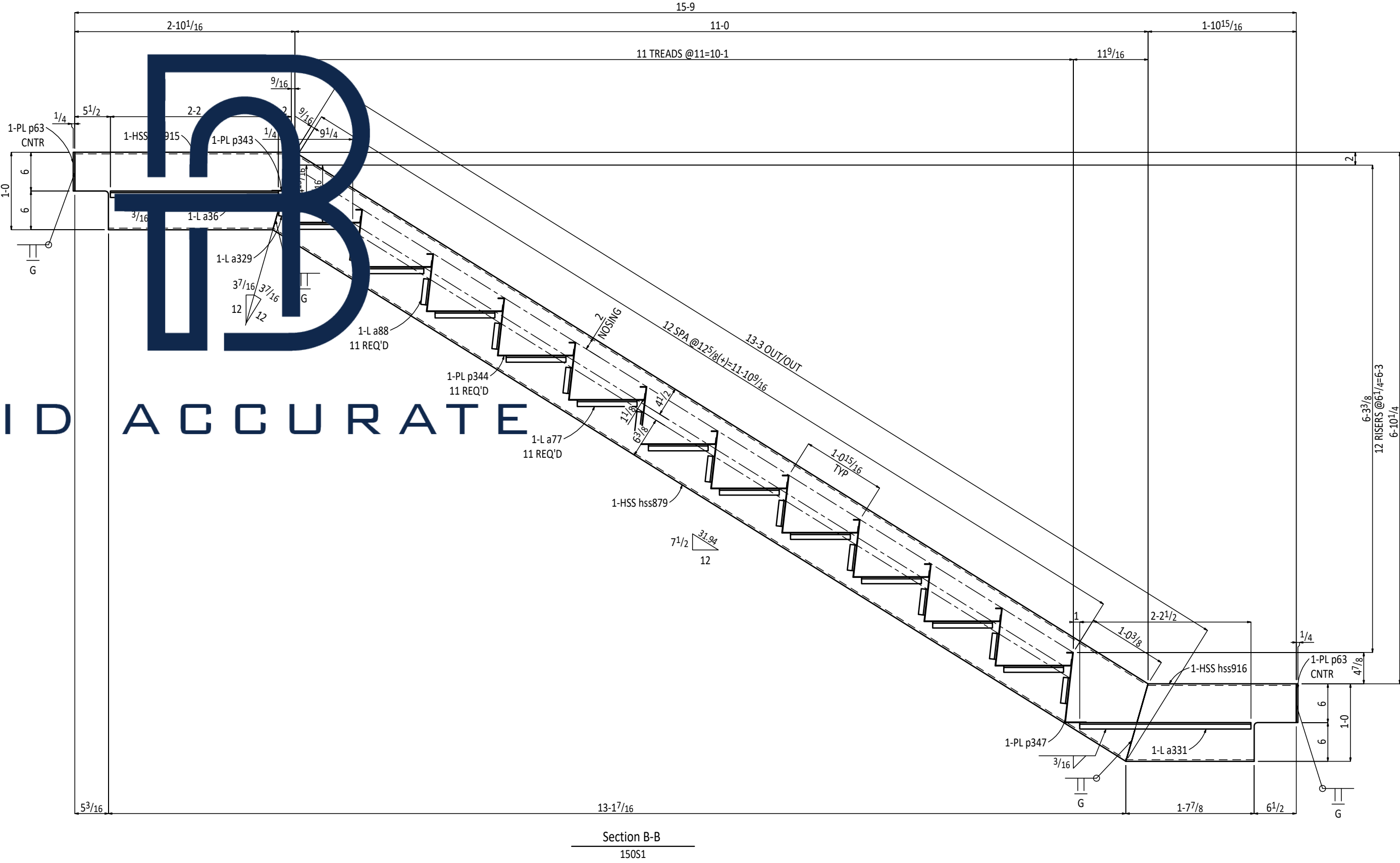


R/S/C				BY	DATE
D	RS&H COMMENTS UPDATED			JVL	07-02-24
C	4TH FLOOR LANDING CHANGES			JVL	06-14-24
B	HEADER BEAMS UPDATION			JVL	06-13-24
A	ENGINEER COMMENTS UPDATED			JVL	06-04-24
REV	DESCRIPTION			BY	DATE
FOR APPROVAL:		TO SHOP:		TO FIELD:	
R & R APPROVAL				AS BUILT:	

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL	
	DATE: 06-04-24	DATE: 06-04-24	
	REF. DWG:	SCALE:	NTS
	JOB NUMBER	SHEET	REV
DESCRIPTION: STAIR DETAIL	-	149A	

[illegible]

TOTAL WEIGHT THIS DRAWING 1332



HOLE: 13/16 Ø (U.N.O)	WELD: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES,ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: 3/4 A-325X U.N.O	
MISC:	

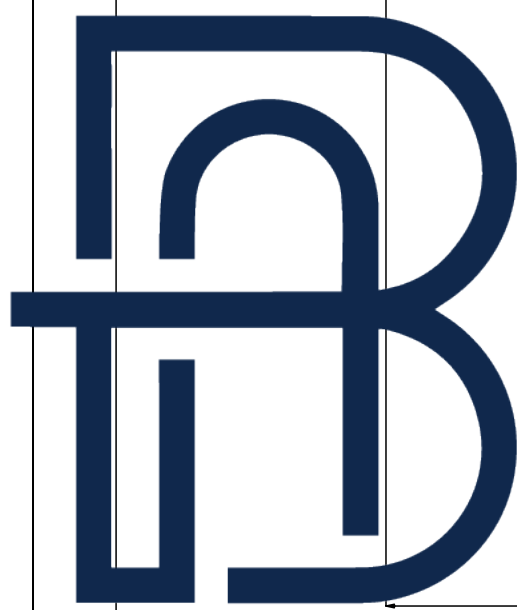
D	RS&H COMMENTS UPDATED	JVL	07-02-24
C	4TH FLOOR LANDING CHANGES	JVL	06-14-24
B	HEADER BEAMS UPDATION	JVL	06-13-24
A	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE

FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:

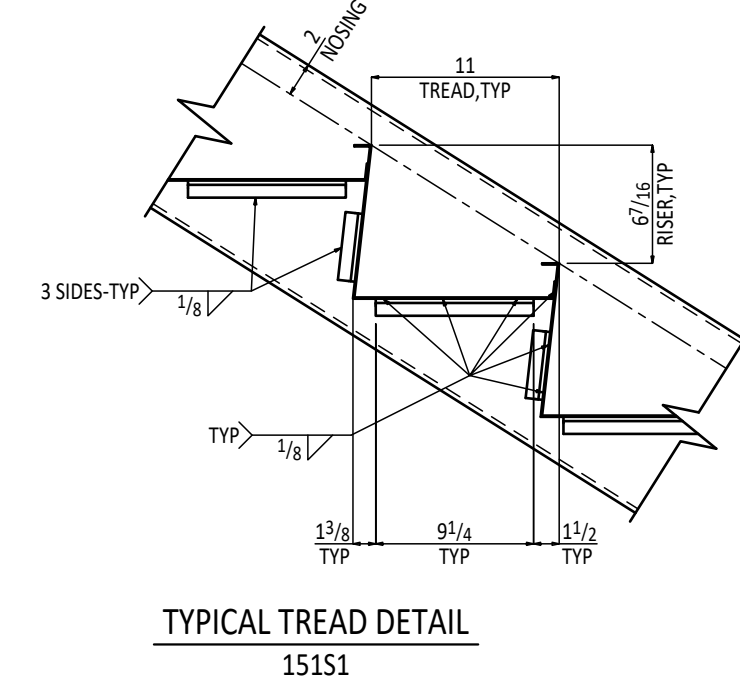
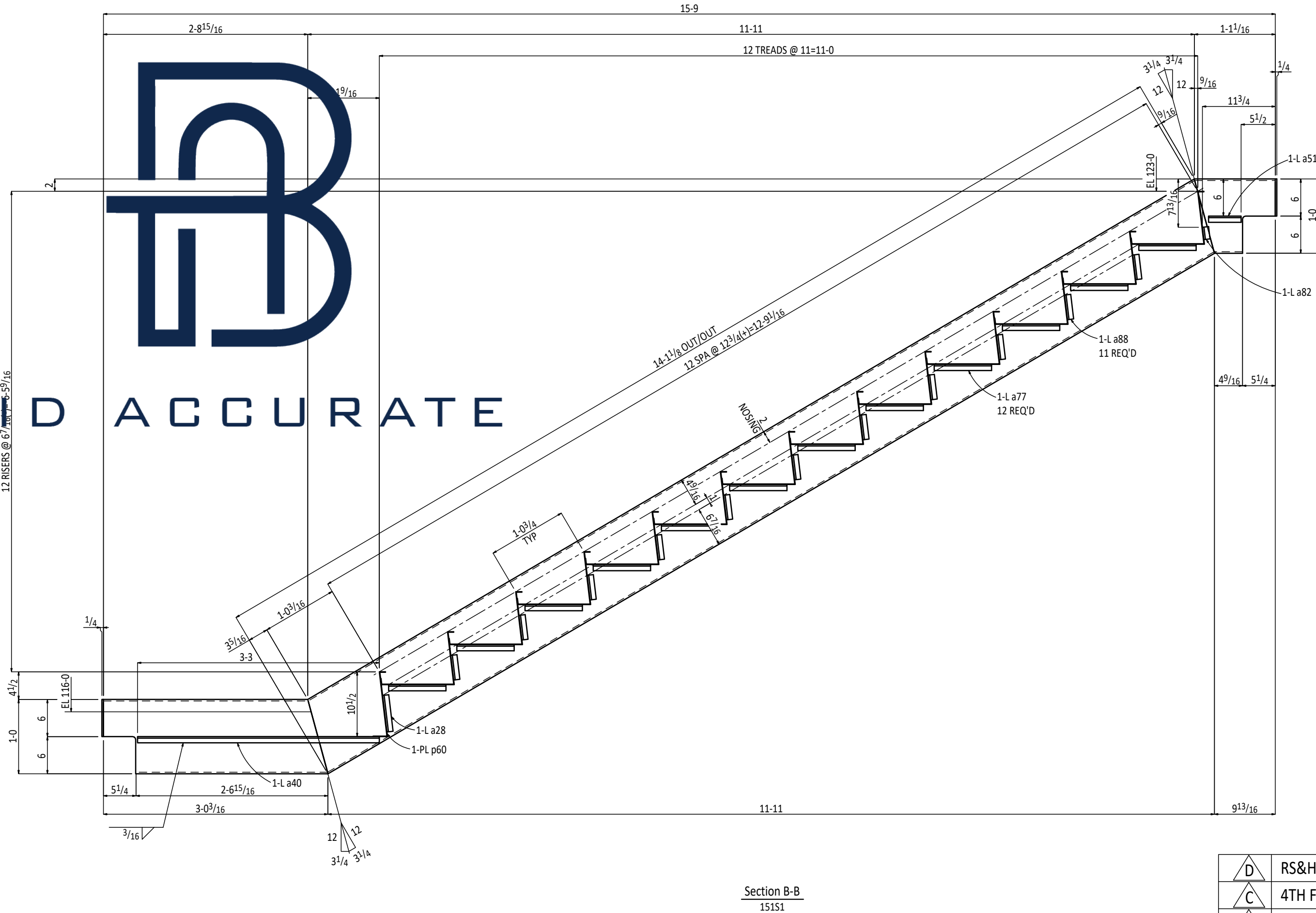
BID ACCURATE LLC

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV		CHECKED BY: JVL	
	DATE: 06-04-24		DATE: 06-04-24	
	REF. DWG:		SCALE:	NTS
	JOB NUMBER		SHEET	REV
DESCRIPTION:	STAIR DETAIL	-	150	

READ THIS DRAWINGS INCONJUNCTION WITH 150A

[illegible]

BID ACCURATE LLC			
PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL	
	DATE: 06-04-24	DATE: 06-04-24	
	REF. DWG:	SCALE:	NTS
	JOB NUMBER	SHEET	REV
DESCRIPTION: STAIR DETAIL	-	150A	

[illegible]

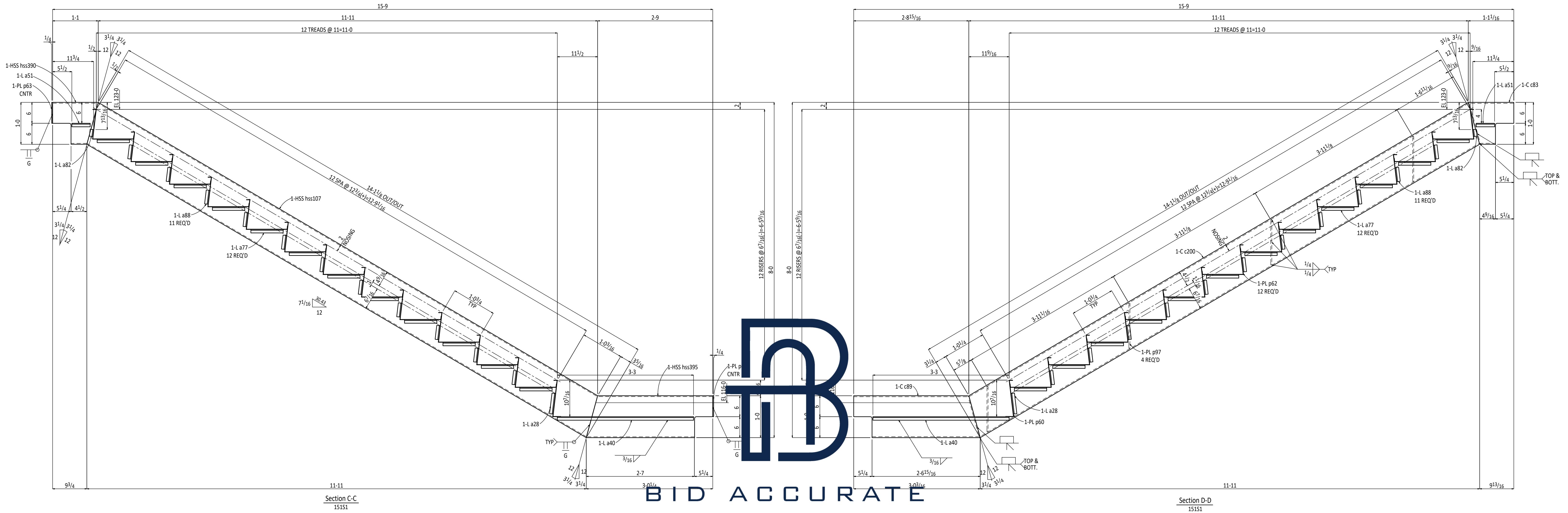
HOLE: 13/16 Ø (U.N.O)	WELD: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES,ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: 3/4 A-325X U.N.O	
MISC:	

	RS&H COMMENTS UPDATED	JVL	07-02-24
	4TH FLOOR LANDING CHANGES	JVL	06-14-24
	HEADER BEAMS UPDATION	JVL	06-13-24
	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL: R & R APPROVAL	TO SHOP:	TO FIELD: AS BUILT:	

BID ACCURATE LLC

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL	
	DATE: 06-04-24	DATE: 06-04-24	
	REF. DWG:	SCALE:	NTS
	JOB NUMBER	SHEET	REV
DESCRIPTION: STAIR DETAIL	-	151	

READ THIS DRAWINGS INCONJUNCTION WITH 151A



HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES, ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES:	ASTM A500, GRADE C
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

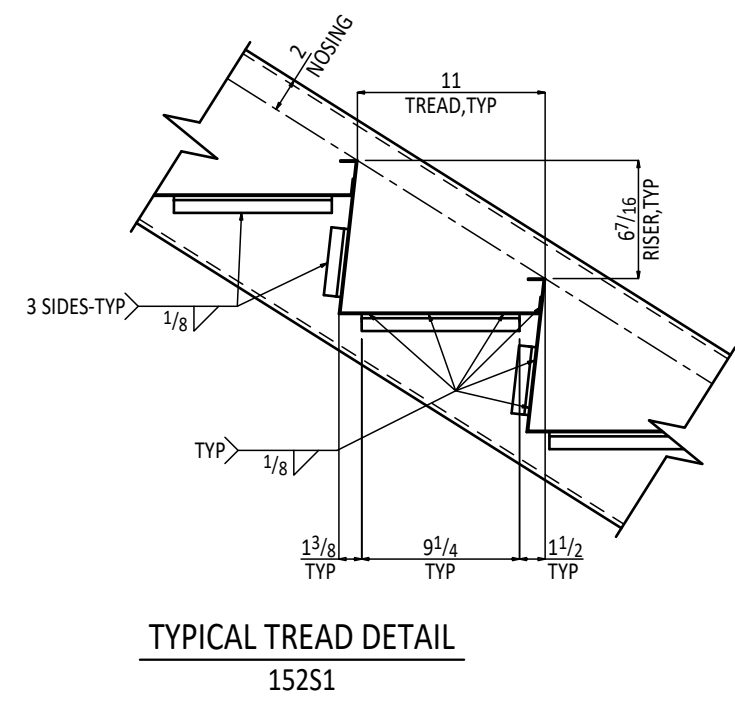
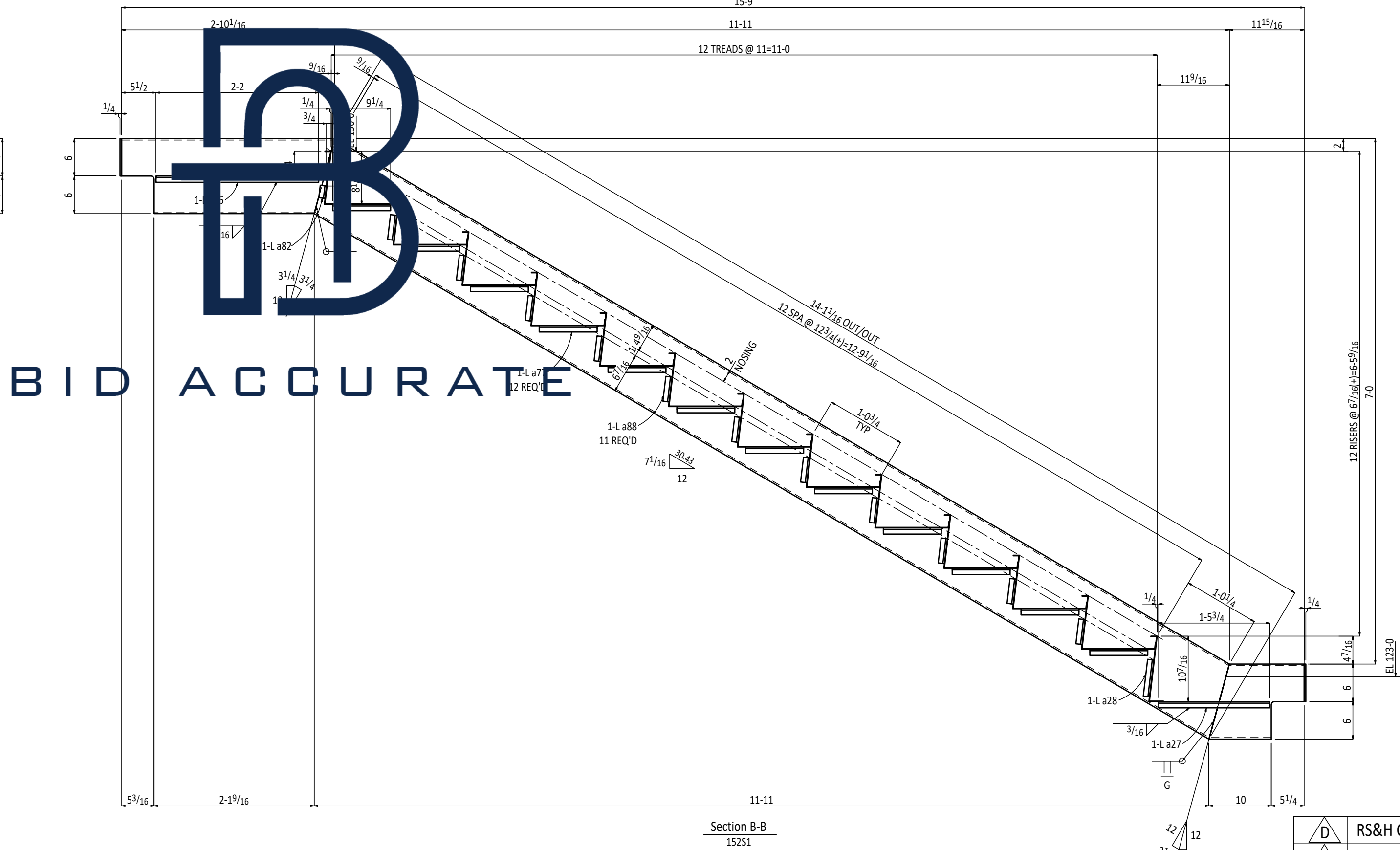
	RS&H COMMENTS UPDATED	JVL	07-02-24
	4TH FLOOR LANDING CHANGES	JVL	06-14-24
	HEADER BEAMS UPDATION	JVL	06-13-24
	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE

FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:

BID ACCURATE LLC

PROJECT NAME:	DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION	DATE: 06-04-24	DATE: 06-04-24
4949 BLANDING BLVD.	REF. DWG:	SCALE: NTS
JACKSONVILLE, FL	JOB NUMBER	SHEET REV
DESCRIPTION: STAIR DETAIL	-	151A

READ THIS DRAWINGS INCONJUNCTION WITH 151

[illegible]

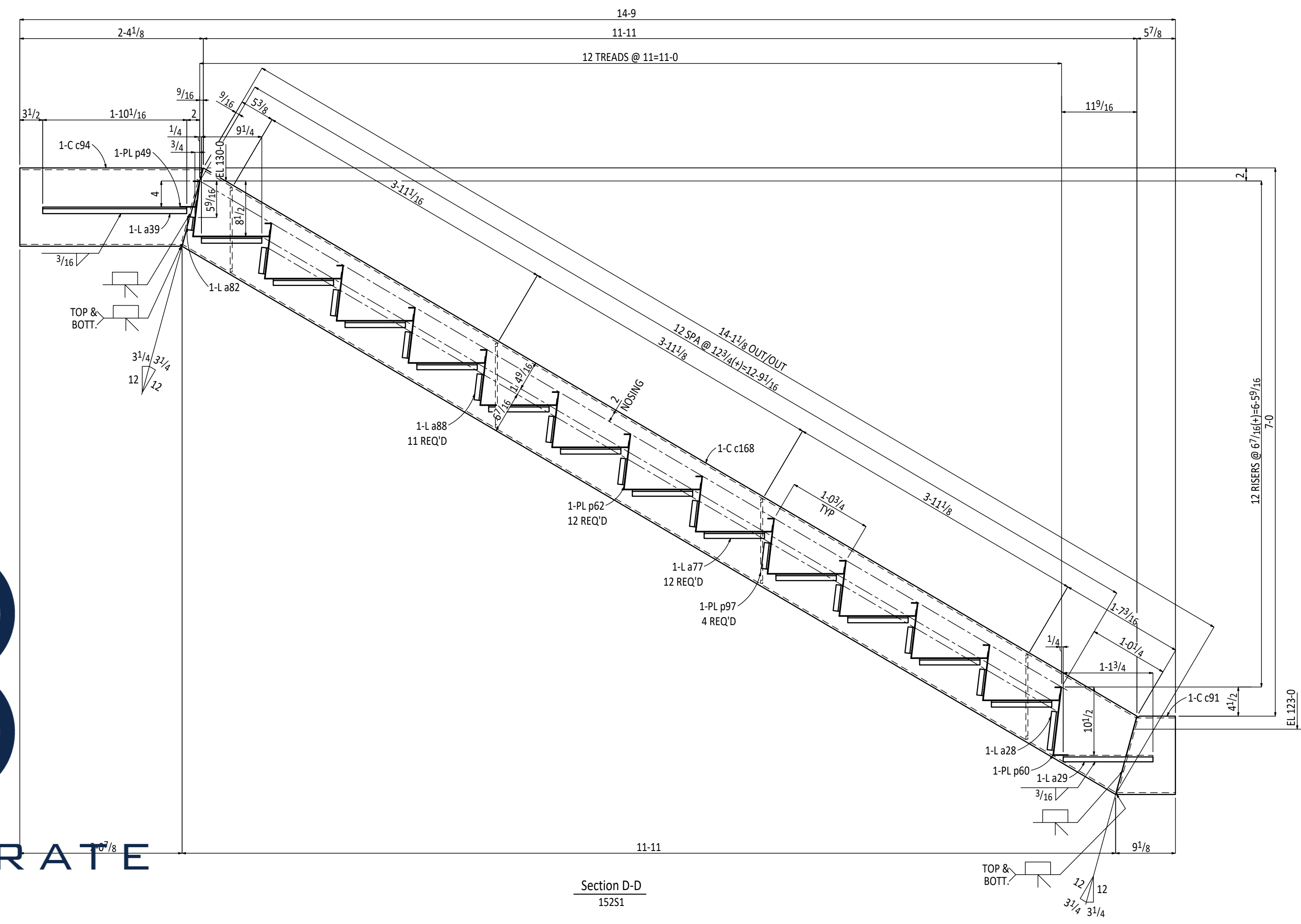
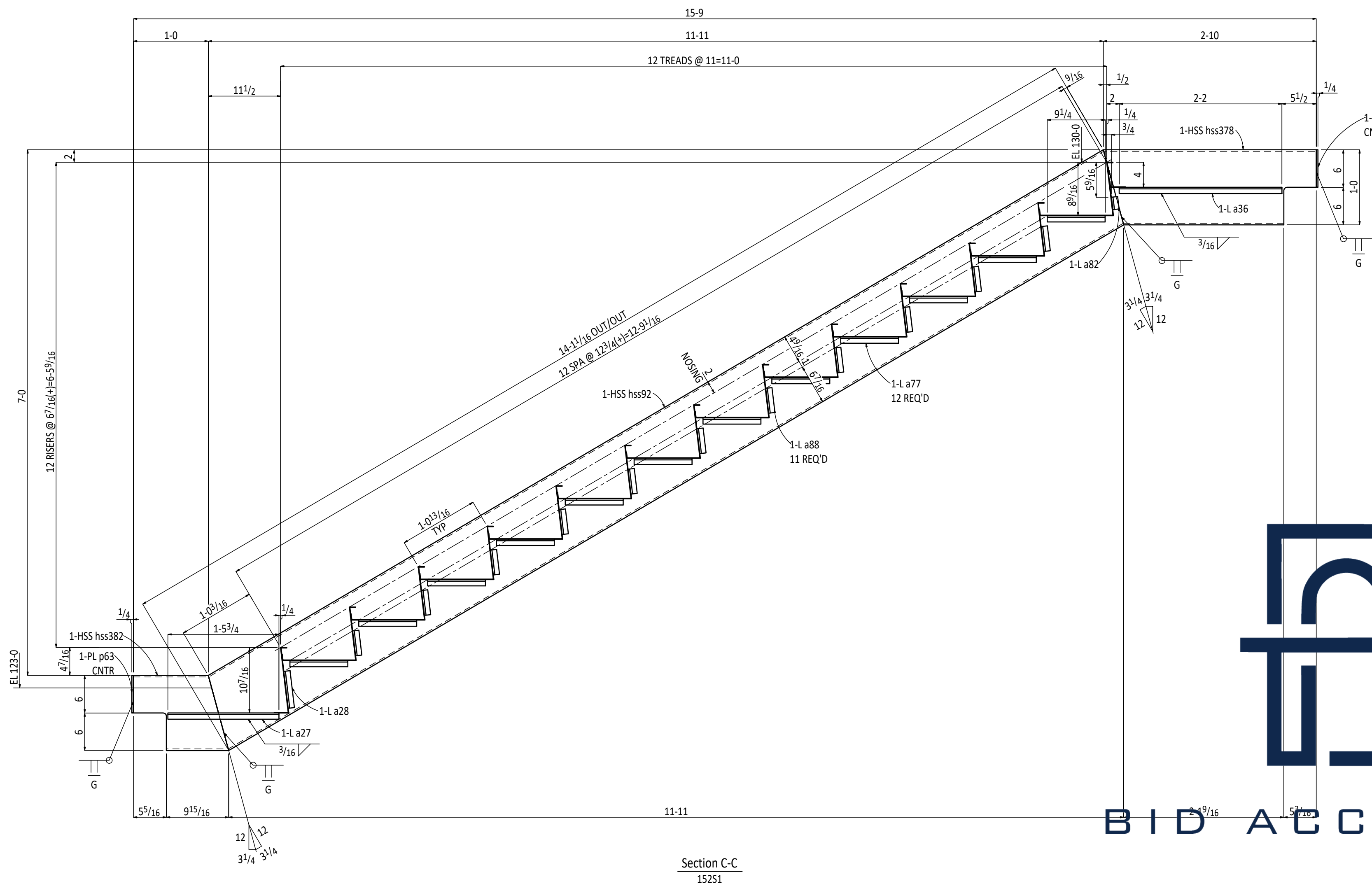
HOLE: 13/16 Ø (U.N.O)	WELD: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES,ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: 3/4 A-325X U.N.O	
MISC:	

	RS&H COMMENTS UPDATED	JVL	07-02-24
	4TH FLOOR LANDING CHANGES	JVL	06-14-24
	HEADER BEAMS' UPDATION	JVL	06-13-24
	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL: R & R APPROVAL		TO SHOP:	TO FIELD: AS BUILT:

BID ACCURATE LLC

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL	
	DATE: 06-04-24	DATE: 06-04-24	
	REF. DWG:	SCALE:	NTS
	JOB NUMBER	SHEET	REV
DESCRIPTION: STAIR DETAIL	-	152	

READ THIS DRAWINGS INCONJUNCTION WITH 152A



HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF: A992	
STEEL PLATES, ANGLES & CHANNELS: ASTM A-36	
STEEL TUBES: ASTM A500, GRADE C	
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

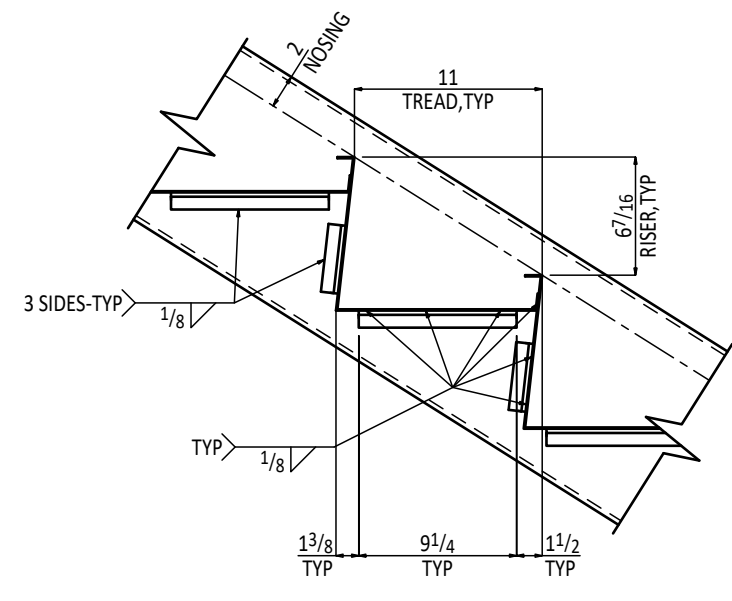
△	RS&H COMMENTS UPDATED	JVL	07-02-24
△	4TH FLOOR LANDING CHANGES	JVL	06-14-24
△	HEADER BEAMS UPDATION	JVL	06-13-24
△	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE

FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:

BID ACCURATE LLC

PROJECT NAME:	DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION	DATE: 06-04-24	DATE: 06-04-24
4949 BLANDING BLVD.	REF. DWG:	SCALE: NTS
JACKSONVILLE, FL	JOB NUMBER	SHEET REV
DESCRIPTION: STAIR DETAIL	-	152A △

READ THIS DRAWINGS INCONJUNCTION WITH 152

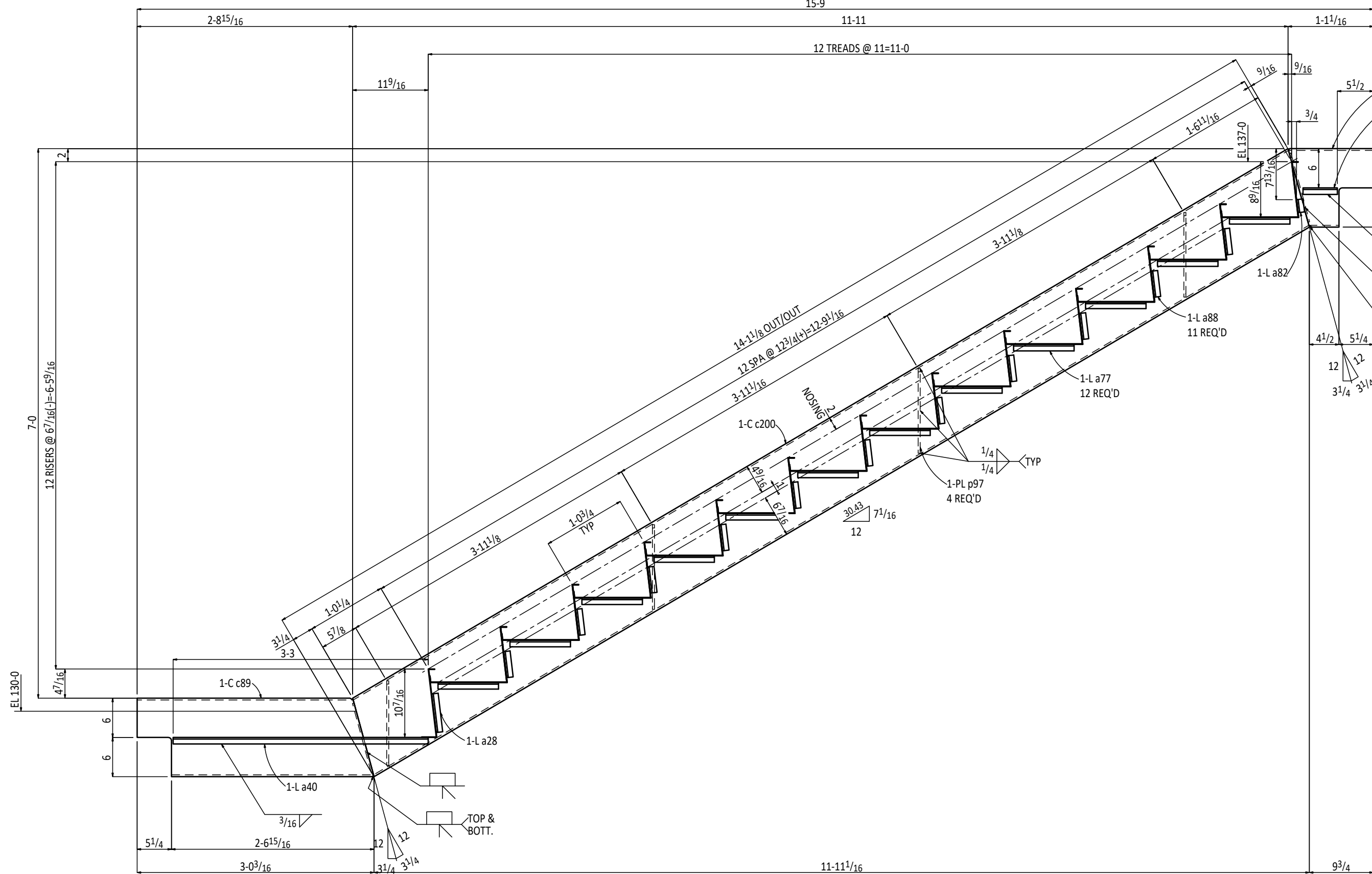


TYPICAL TREAD DETAIL

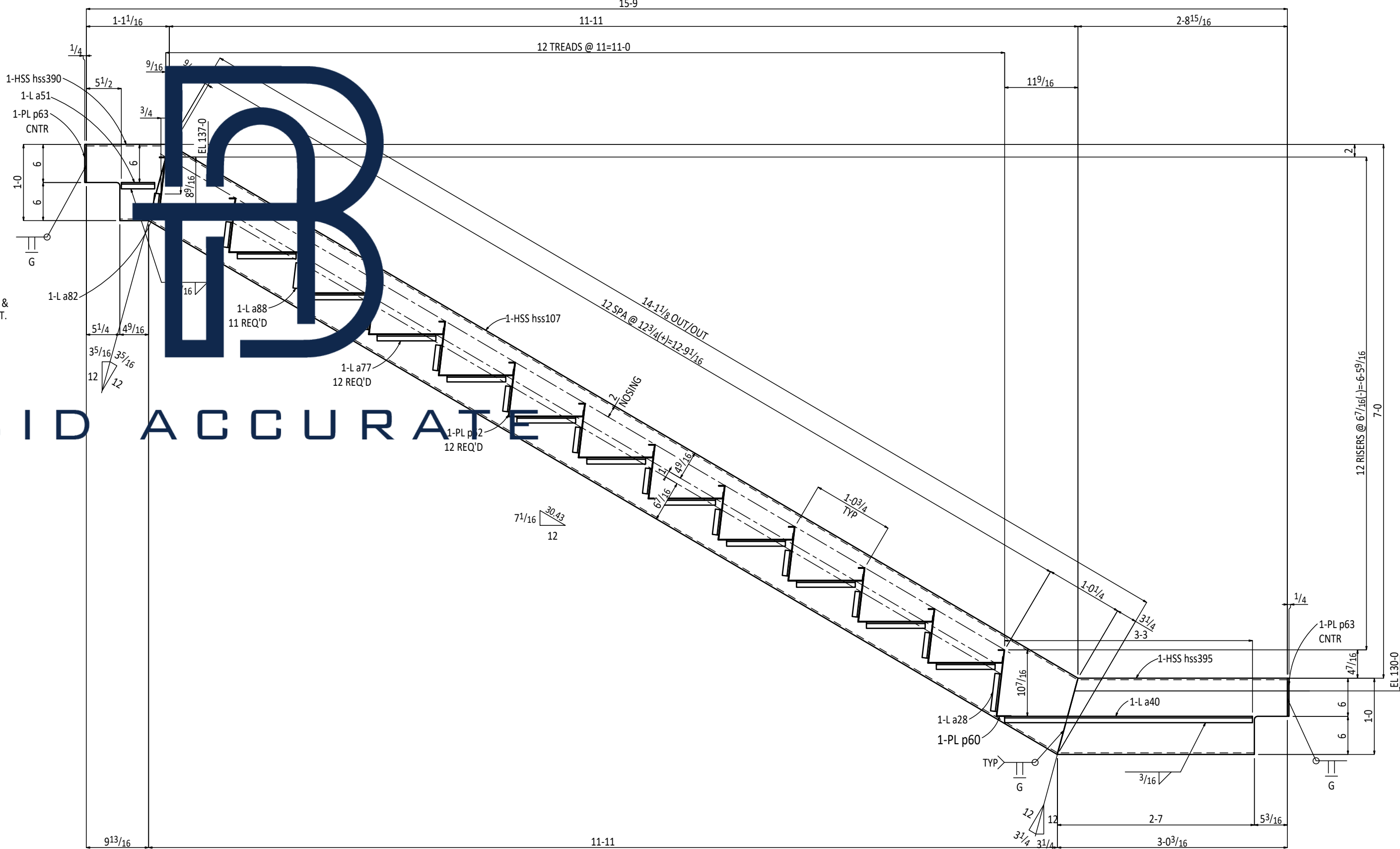
153S1

[illegible]

TOTAL WEIGHT THIS DRAWING 1346



Section A-A
153S1



Section B-B
153S1

HOLE: 13/16 Ø (U.N.O)	WELD: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES,ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: 3/4 A-325X U.N.O	
MISC:	

D	RS&H COMMENTS UPDATED	JVL	07-02-24
C	4TH FLOOR LANDING CHANGES	JVL	06-14-24
B	HEADER BEAMS UPDATION	JVL	06-13-24
A	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE

FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:

BID ACCURATE LLC

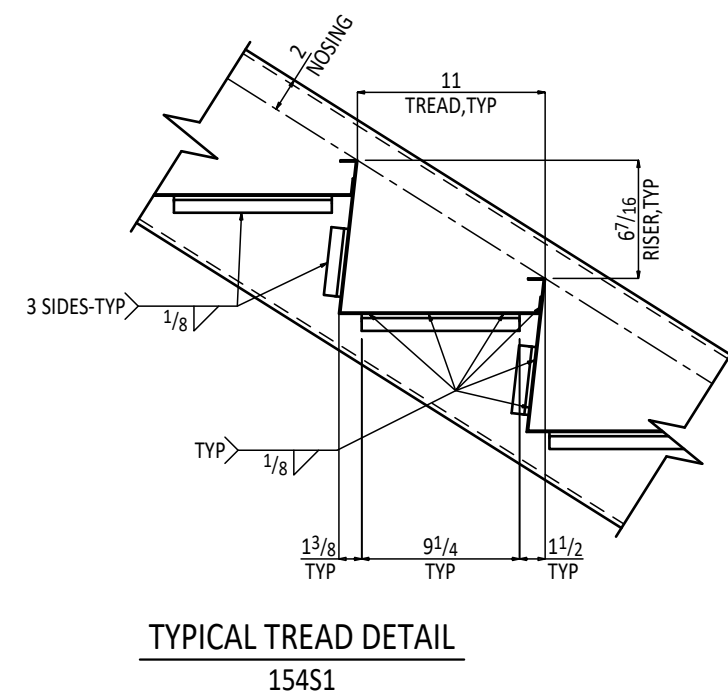
PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL	DRAWN BY: MSV	CHECKED BY: JVL	
	DATE: 06-04-24	DATE: 06-04-24	
	REF. DWG:	SCALE:	NTS
	JOB NUMBER	SHEET	REV
DESCRIPTION: STAIR DETAIL	-	153	

READ THIS DRAWINGS INCONJUNCTION WITH 153A

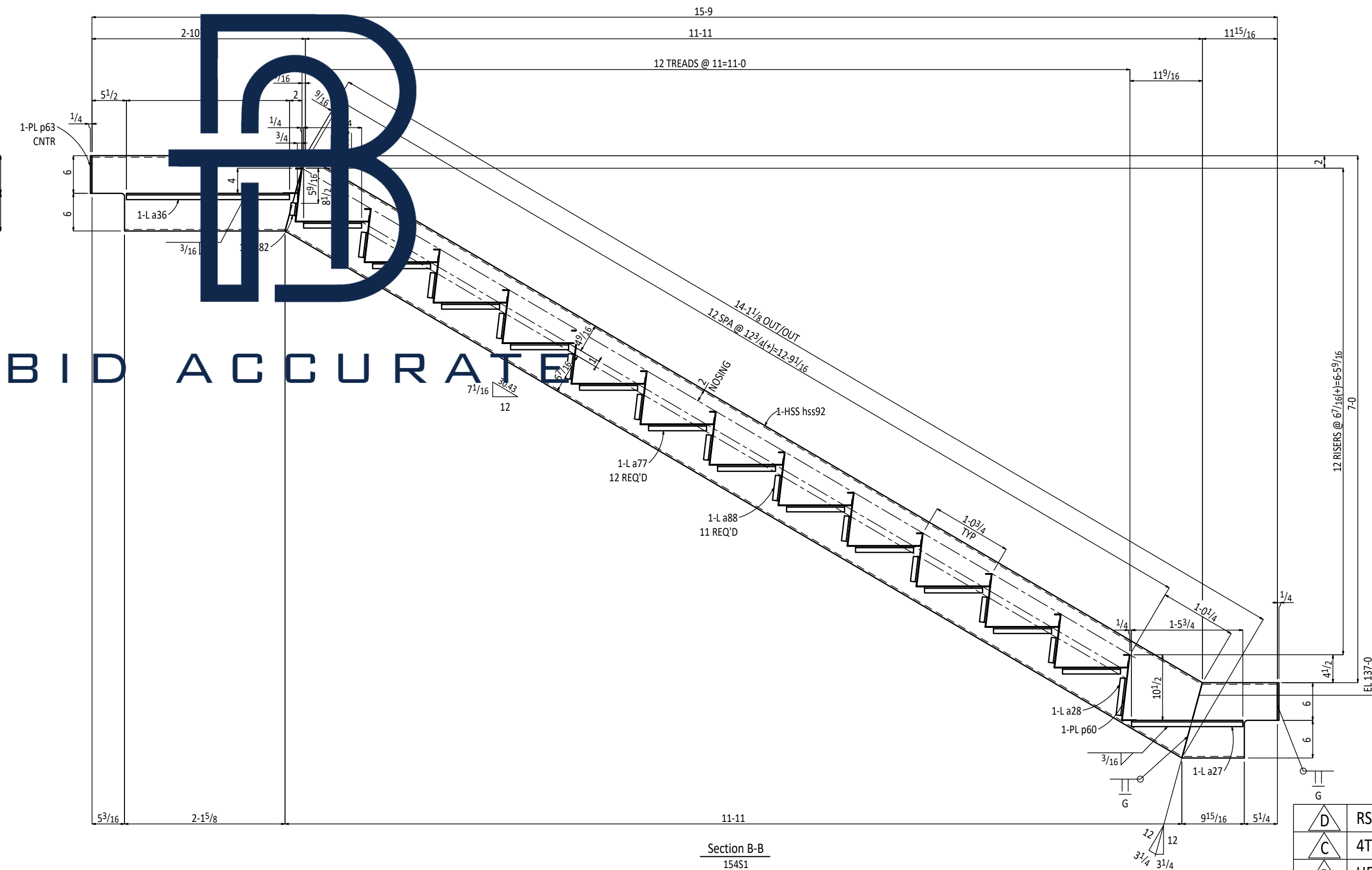


	RS&H COMMENTS UPDATED	JVL	07-02-24
	4TH FLOOR LANDING CHANGES	JVL	06-14-24
	HEADER BEAMS UPDATE	JVL	06-13-24
	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL			AS BUILT:

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL		DRAWN BY: MSV		CHECKED BY: JVL	
		DATE: 06-04-24		DATE: 06-04-24	
		REF. DWG:		SCALE: NTS	
		JOB NUMBER		SHEET REV	
DESCRIPTION: STAIR DETAIL		-		153A 	



BILL OF MATERIAL						
MARK	QTY/ASSE.	DESCRIPTION	LENGTH	GRADE	REMARKS	WEIGHT
15451	ONE	STAIR				1968
c61	1	MC12x14.3	2-9 ¹⁵ / ₁₆	A36		40
c96	1	MC12x14.3	2-4	A36		33
c49	1	MC12x14.3	1-3 ¹ / ₈	A36		18
c91	1	MC12x14.3	9 ¹ / ₁₆	A36		11
c200	1	MC12x14.3	14-1 ¹ / ₈	A36		202
c168	1	MC12x14.3	14-1 ¹ / ₈	A36		202
hss92	1	HSS12x2x ¹ / ₄	14-1 ¹ / ₈	A500C		316
hss378	1	HSS12x2x ¹ / ₄	2-10	A500C		64
hss382	1	HSS12x2x ¹ / ₄	1-3 ¹ / ₄	A500C		28
a36	3	L1x1x ¹ / ₄	2-2	A36		7
a39	1	L1x1x ¹ / ₄	1-10 ¹ / ₁₆	A36		2
a27	3	L1x1x ¹ / ₄	1-5 ¹ / ₄	A36		4
a77	48	L1x1x ¹ / ₄	9 ¹ / ₄	A36		37
a28	3	L1x1x ¹ / ₄	5 ¹⁵ / ₁₆	A36		1
a88	46	L1x1x ¹ / ₄	4	A36		15
a82	4	L1x1x ¹ / ₄	2	A36		1
p97	8	PL ¹ / ₂ x2 ¹ / ₈	1-0 ¹⁵ / ₁₆	A36		17
p70	2	PL ¹ / ₂ x2 ¹ / ₈	6	A36		2
p63	2	PL ¹ / ₂ x2	6	A36		2
p60	2	PL14GAx5	1-1 ¹ / ₁₆	A36	BENT	30
p112	12	PL14GAx22 ¹ / ₈	8-10	A36	BENT	596
p62	24	PL14GAx11 ¹ / ₈	4-4	A36	BENT	314
p113	1	PL14GAx8 ⁷ / ₁₆	8-10	A36	BENT	19
p49	2	PL14GAx29 ¹ / ₁₆	4-4	A36	BENT	6



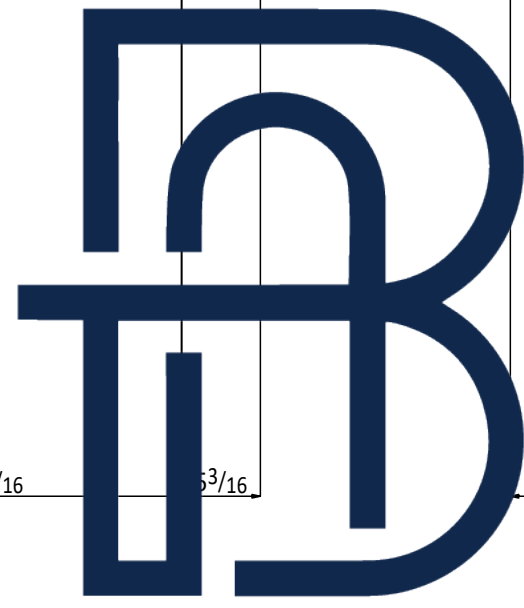
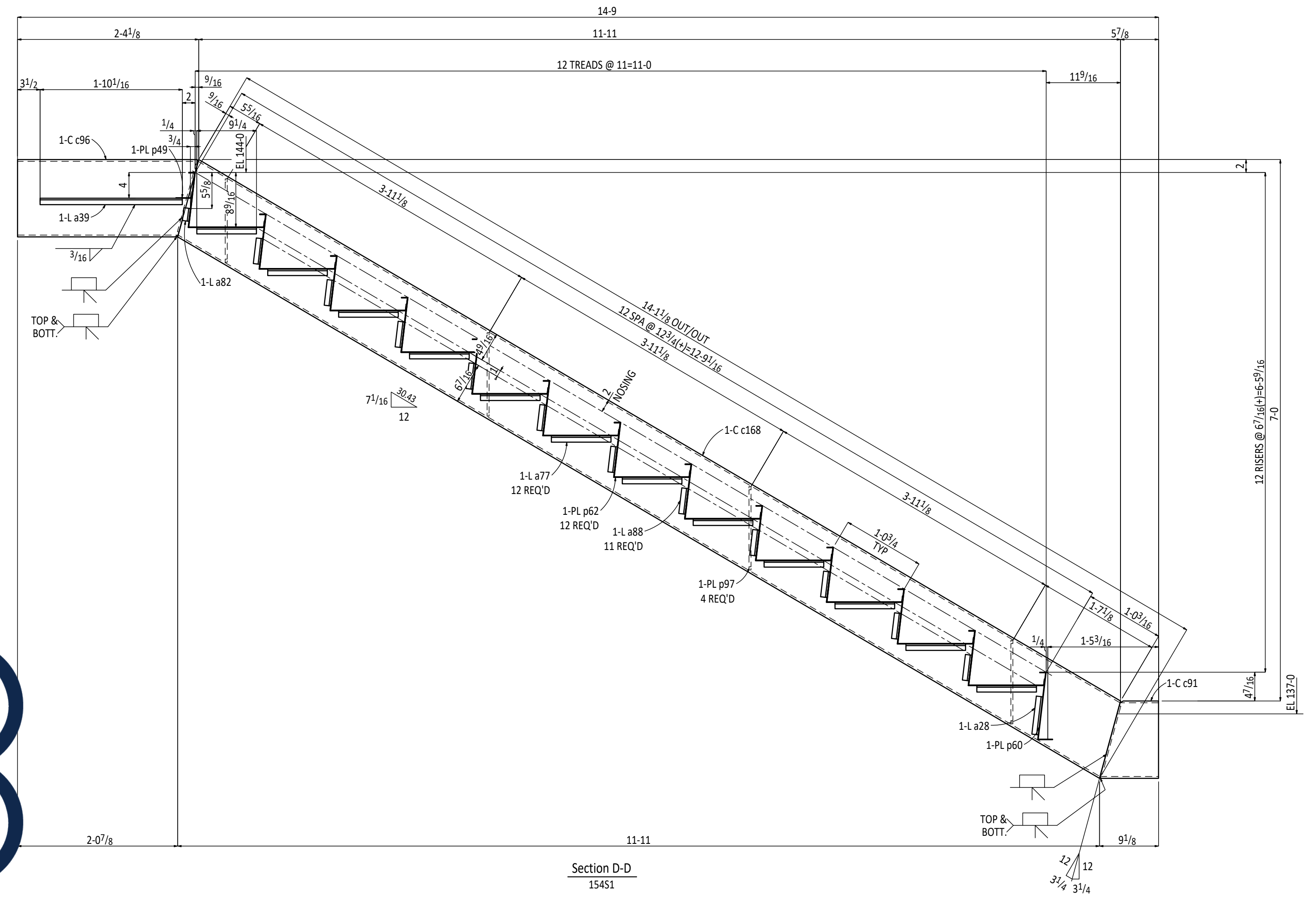
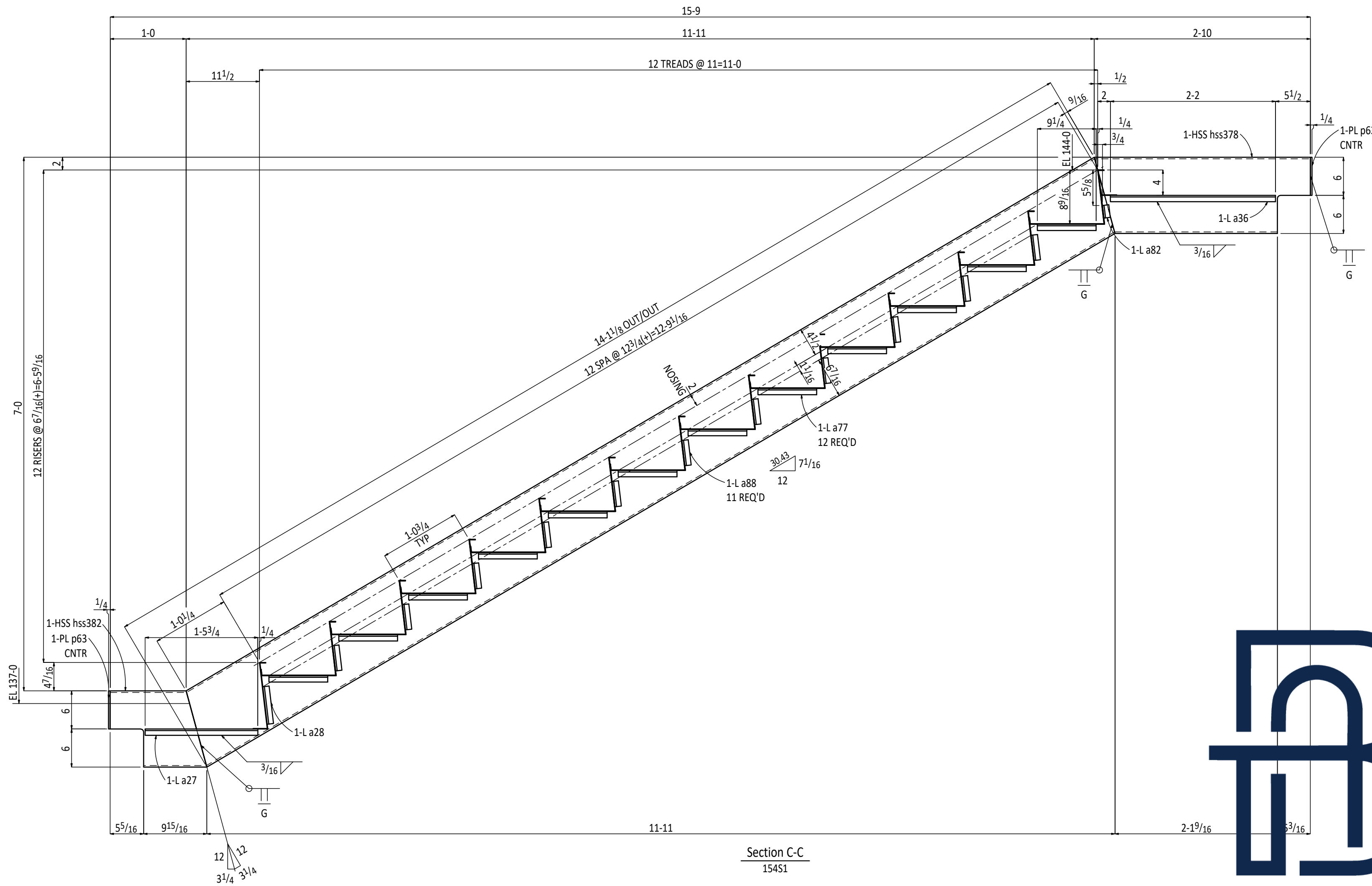
HOLE: 13/16 Ø (U.N.O)	WELD: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES,ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: 3/4 A-325X U.N.O	
MISC:	

	RS&H COMMENTS UPDATED	JVL	07-02-24
	4TH FLOOR LANDING CHANGES	JVL	06-14-24
	HEADER BEAMS UPDATION	JVL	06-13-24
	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL: R & R APPROVAL		TO SHOP:	TO FIELD: AS BUILT:

BID ACCURATE LLC

PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL		DRAWN BY: MSV		CHECKED BY: JVL	
		DATE: 06-04-24		DATE: 06-04-24	
		REF. DWG:		SCALE: NTS	
		JOB NUMBER		SHEET REV	
DESCRIPTION: STAIR DETAIL		-		154 	

READ THIS DRAWINGS INCONJUNCTION WITH 154A



BID ACCURATE

HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF: A992	
STEEL PLATES, ANGLES & CHANNELS: ASTM A-36	
STEEL TUBES: ASTM A500, GRADE C	
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

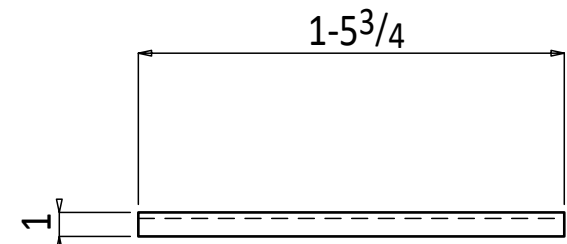
△	RS&H COMMENTS UPDATED	JVL	07-02-24
△	4TH FLOOR LANDING CHANGES	JVL	06-14-24
△	HEADER BEAMS UPDATION	JVL	06-13-24
△	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE

FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:

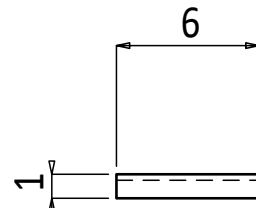
BID ACCURATE LLC

PROJECT NAME:	DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION	DATE: 06-04-24	DATE: 06-04-24
4949 BLANDING BLVD.	REF. DWG:	SCALE: NTS
JACKSONVILLE, FL	JOB NUMBER	SHEET
DESCRIPTION: STAIR DETAIL	-	154A

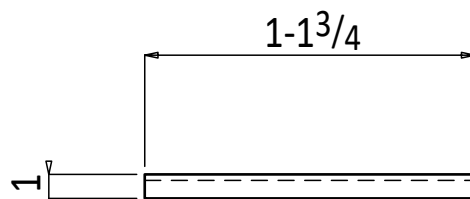
READ THIS DRAWINGS INCONJUNCTION WITH 154



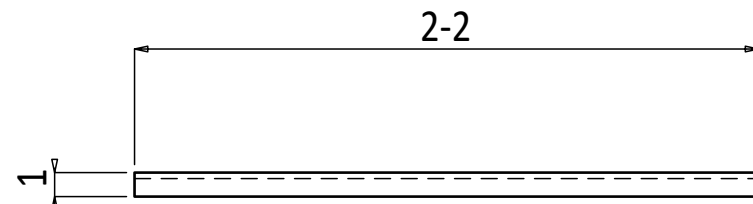
6 L1x1x1/4x1-5 3/4 a27
GRADE: A36



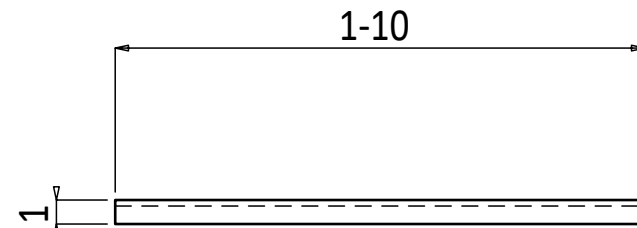
16 L1x1x1/4x0-6 a28
GRADE: A36



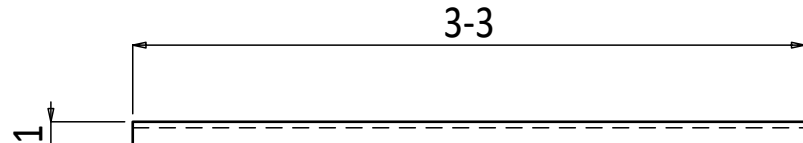
ONE L1x1x1/4x1-1 3/4 a29
GRADE: A36



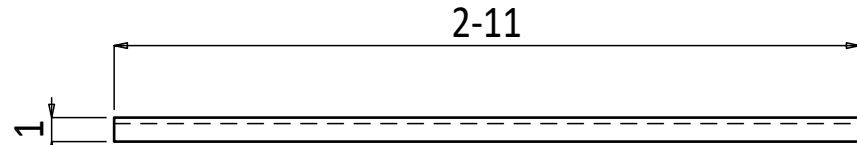
9 L1x1x1/4x2-2 a36
GRADE: A36



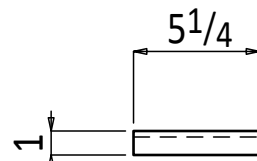
2 L1x1x1/4x1-10 a39
GRADE: A36



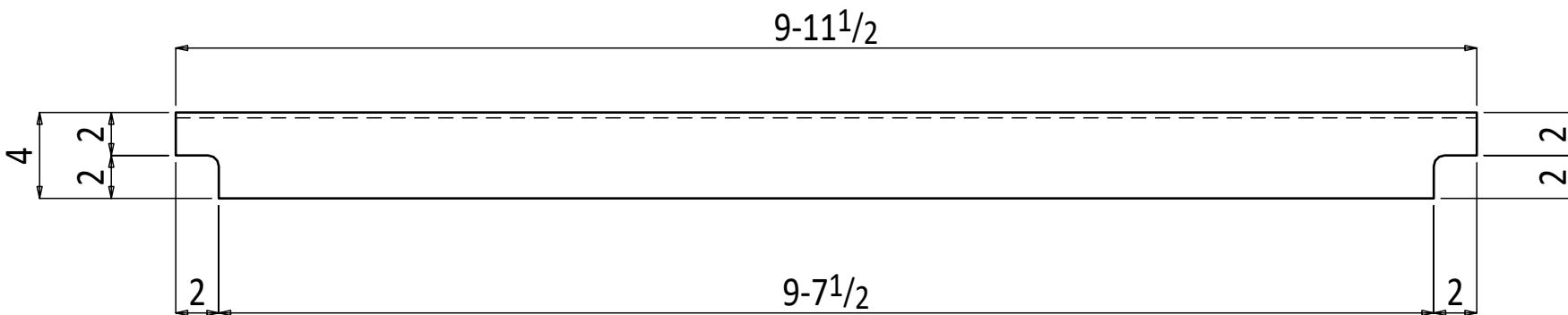
6 L1x1x1/4x3-3 a40
GRADE: A36



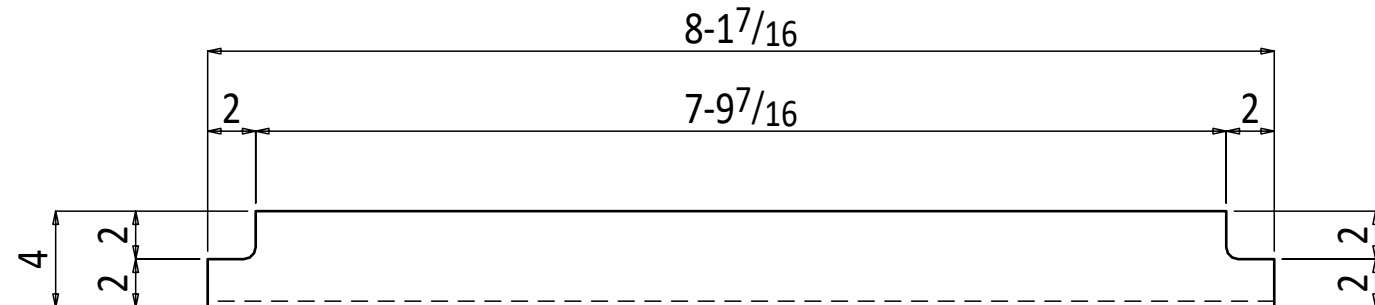
2 L1x1x1/4x2-11 a45
GRADE: A36



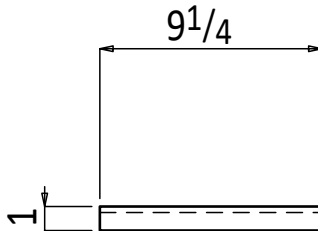
6 L1x1x1/4x0-5 1/4 a51
GRADE: A36



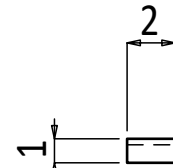
6 L4x4x1/4x9-11 1/2 a61
GRADE: A36



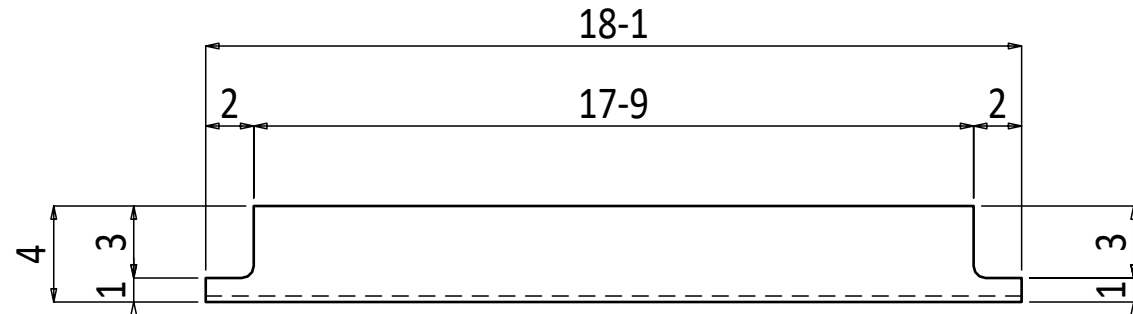
6 L4x4x1/4x8-1 7/16 a66
GRADE: A36



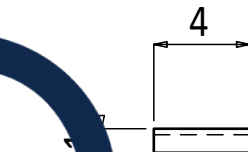
296 L1x1x1/4x0-9 1/4 a77
GRADE: A36



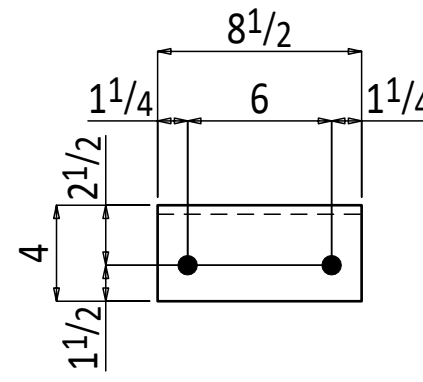
20 L1x1x1/4x0-2 a82
GRADE: A36



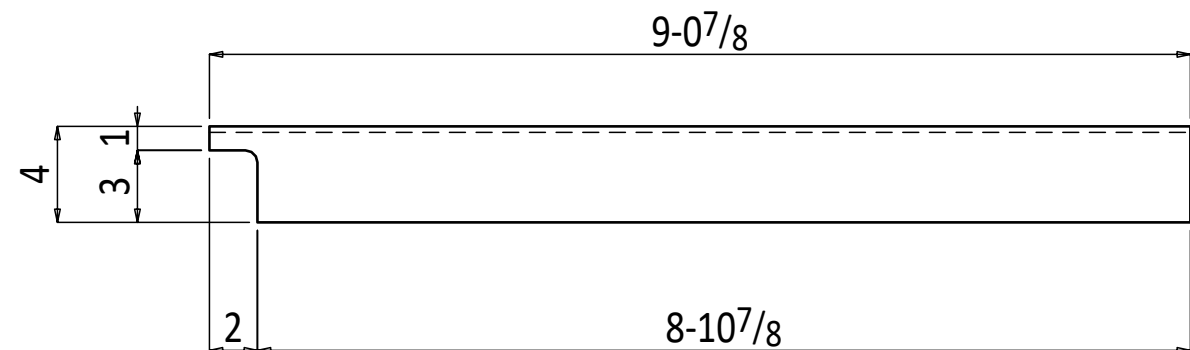
5 L4x4x1/4x18-1 a63
GRADE: A36



84 L1x1x1/4x0-4 a88
GRADE: A36



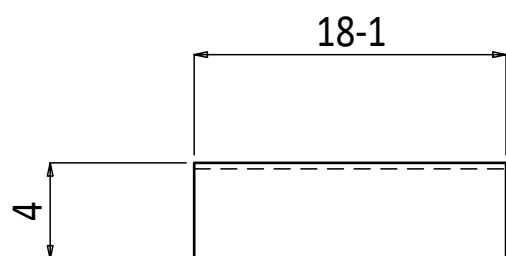
4 L4x3 1/2x3/8x0-8 1/2 a90
GRADE: A36



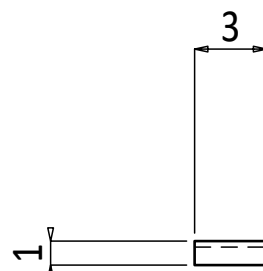
ONE L4x4x1/4x9-0 7/8 a102
GRADE: A36



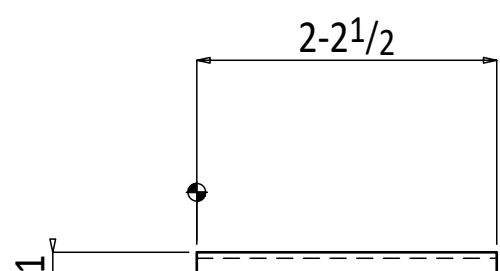
BID ACCURATE



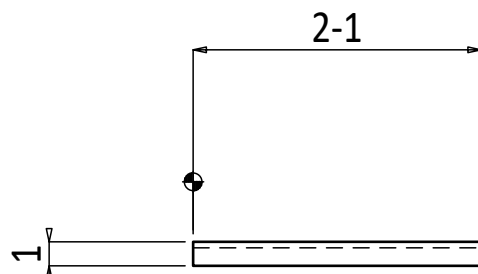
ONE L4x4x1/4x18-1 a328
GRADE: A36



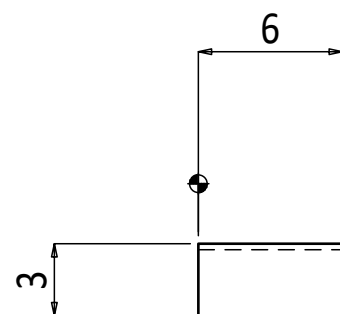
8 L1x1x1/4x0-3 a329
GRADE: A36



4 L1x1x1/4x2-2 1/2 a331
GRADE: A36



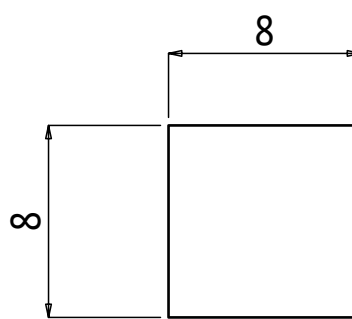
ONE L1x1x1/4x2-1 a332
GRADE: A36



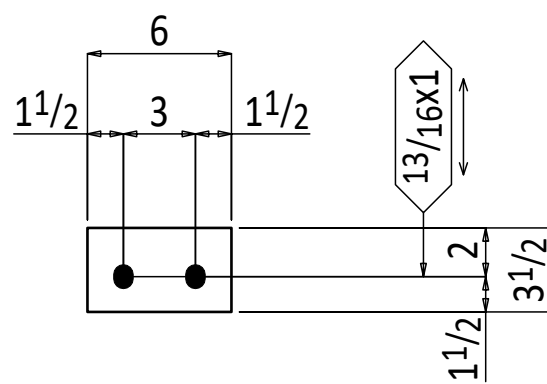
4 L3x3x1/4x0-6 a333
GRADE: A36

NOT IN USE

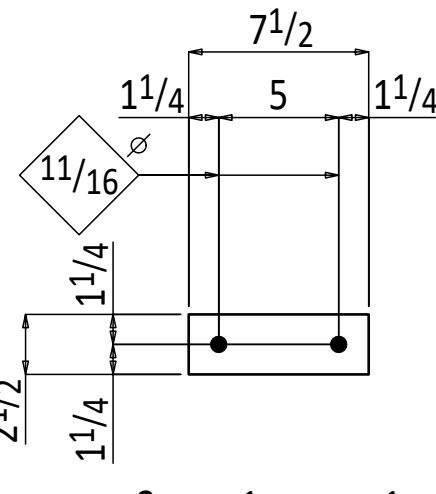
8 PL 3/4x12x1-0 p59
GRADE: A36



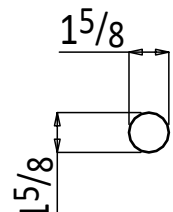
8 PL 1/4x8x0-8 cp80
GRADE: A36



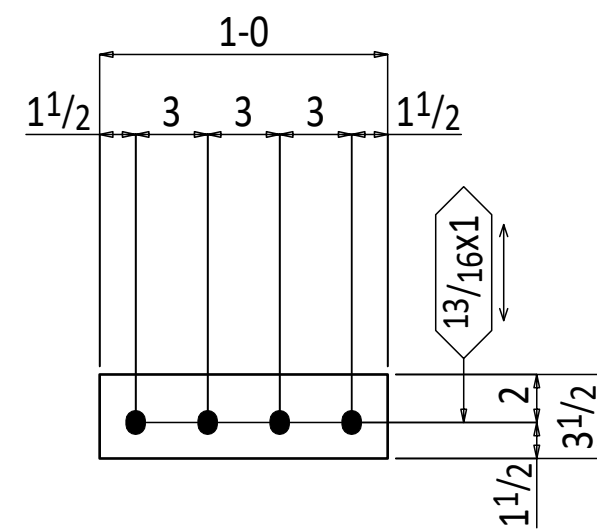
42 PL 3/8x3 1/2x0-6 p14
GRADE: A36



ONE PL 3/8x2 1/2x0-7 1/2 p15
GRADE: A36



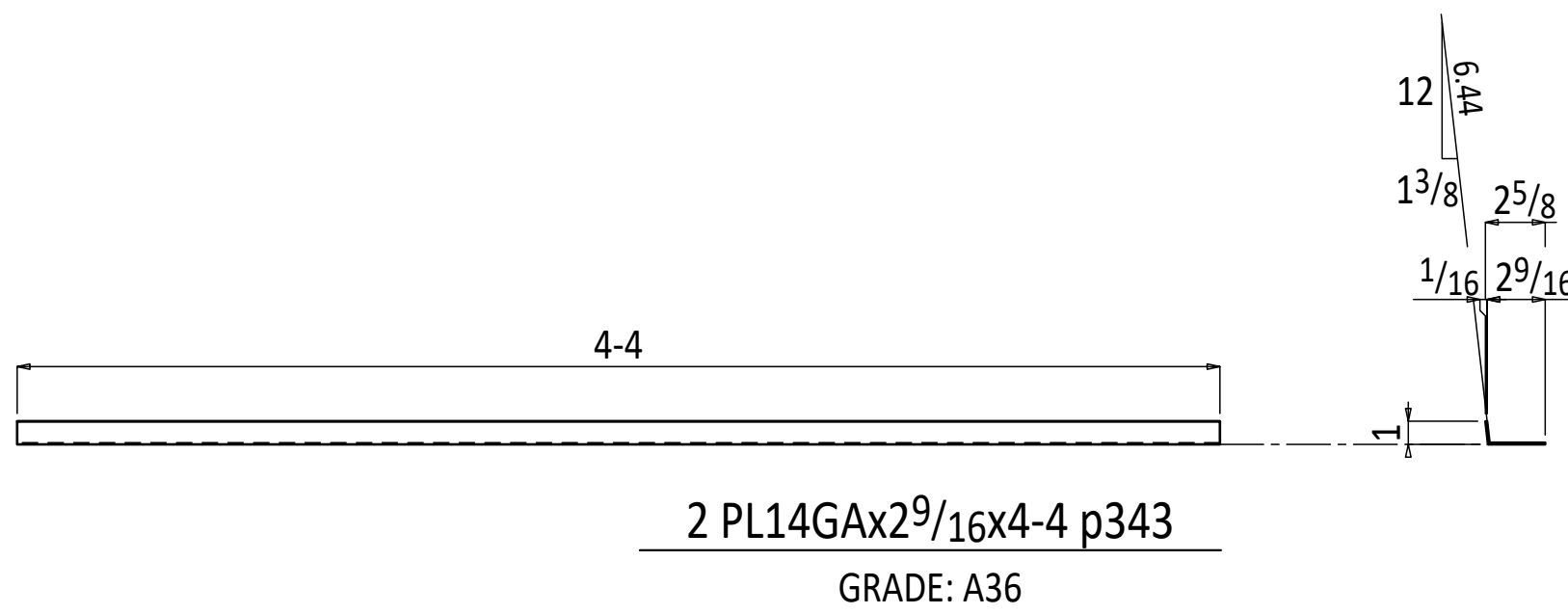
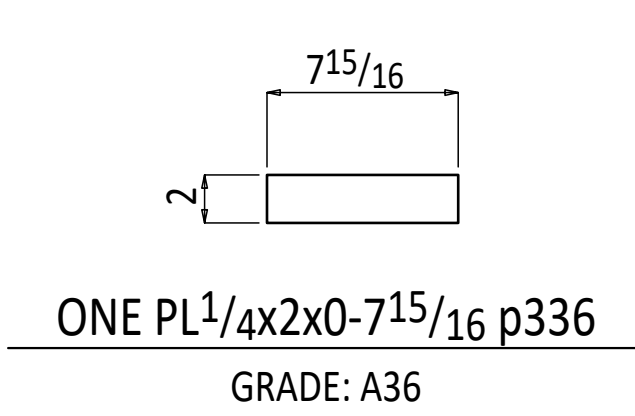
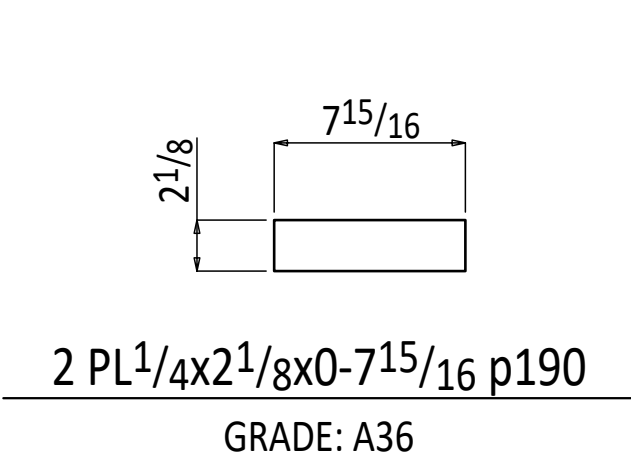
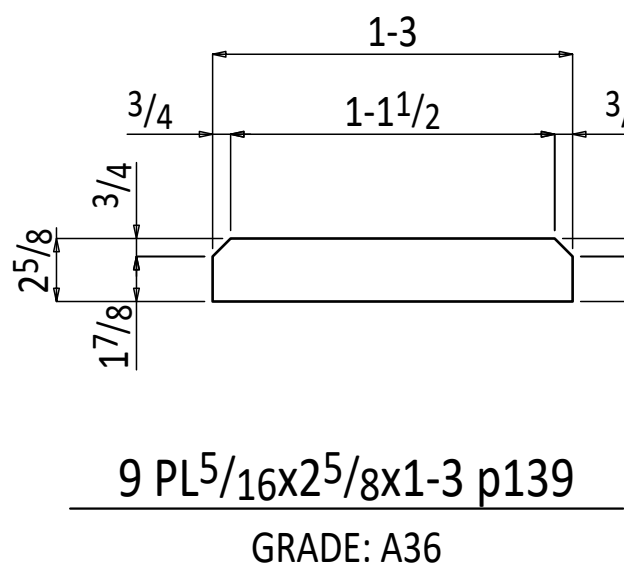
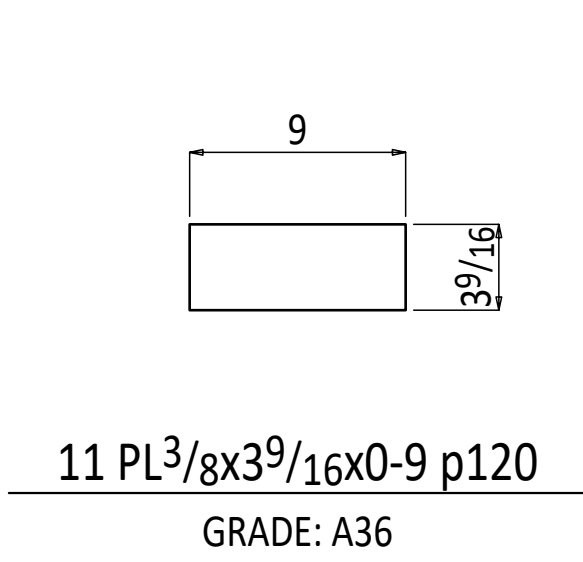
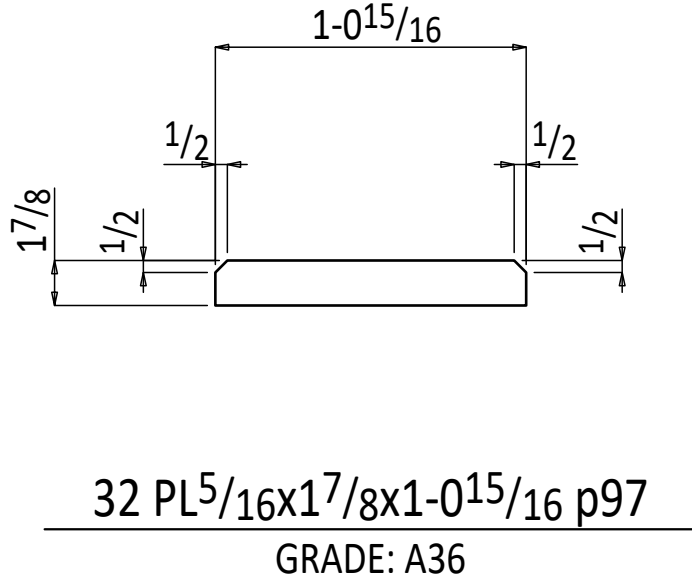
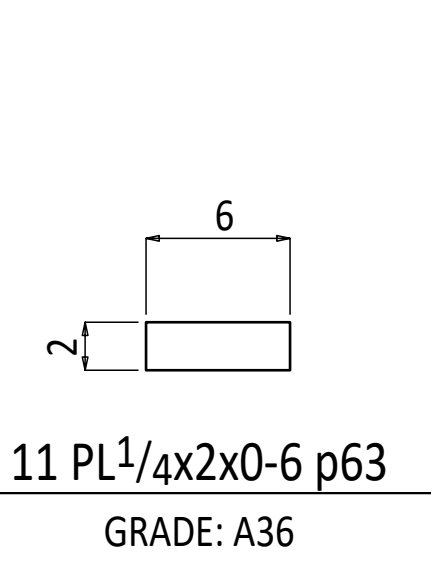
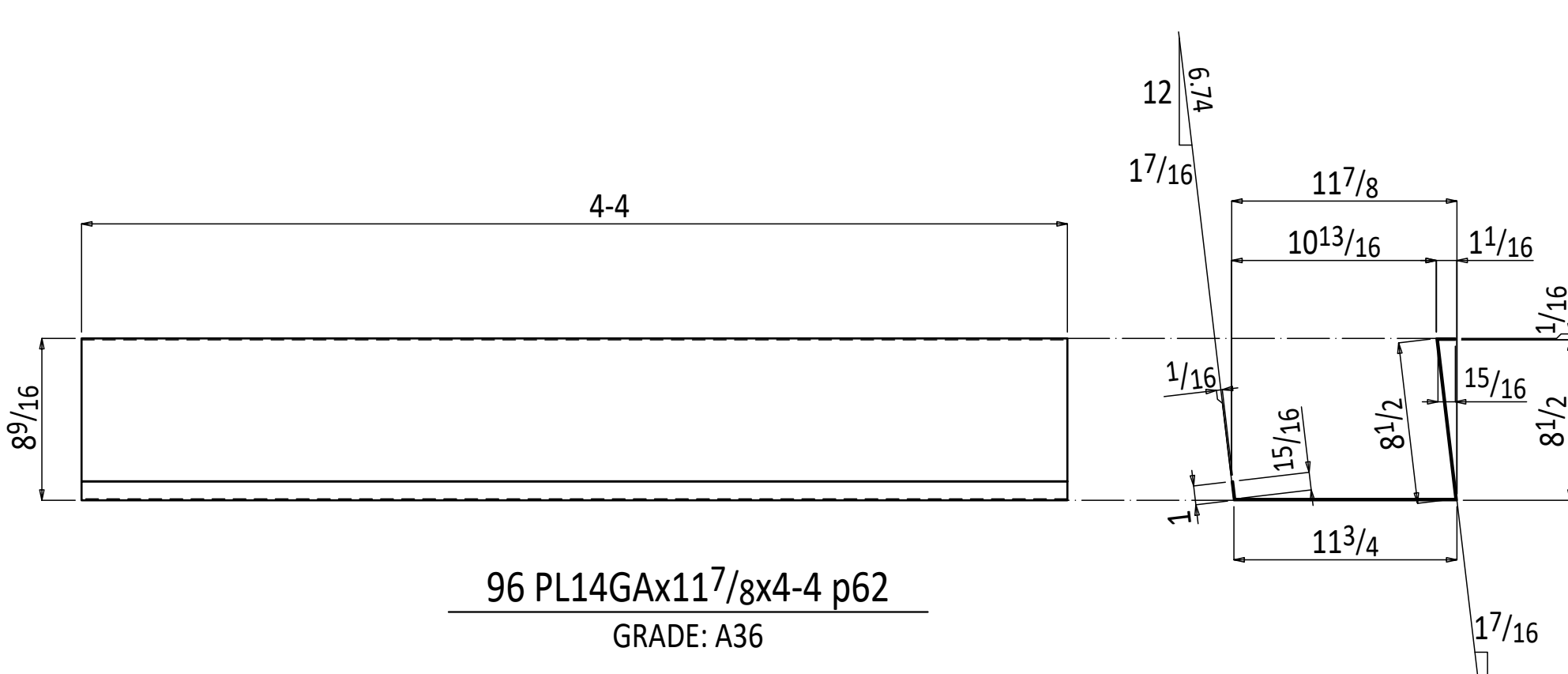
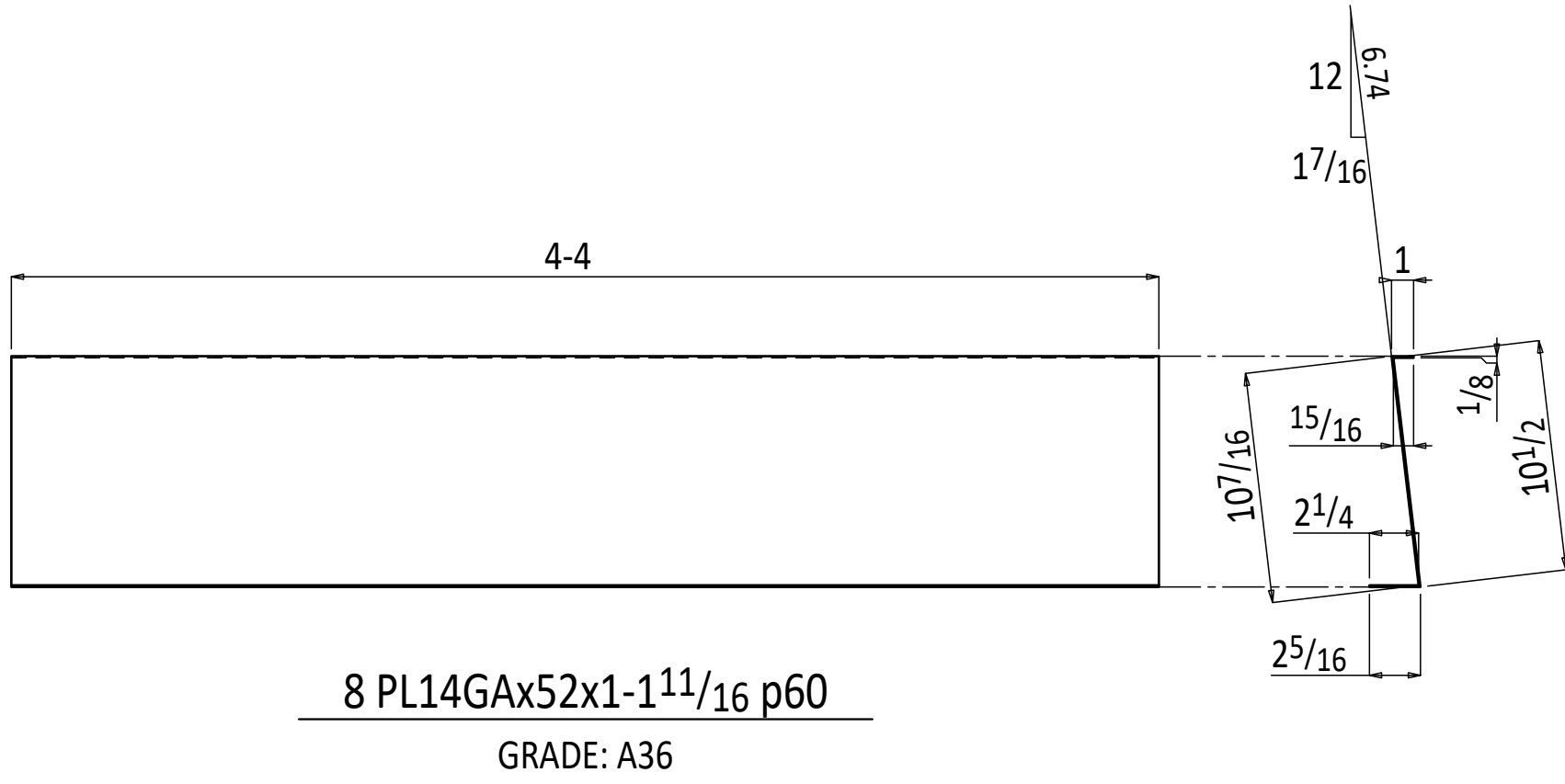
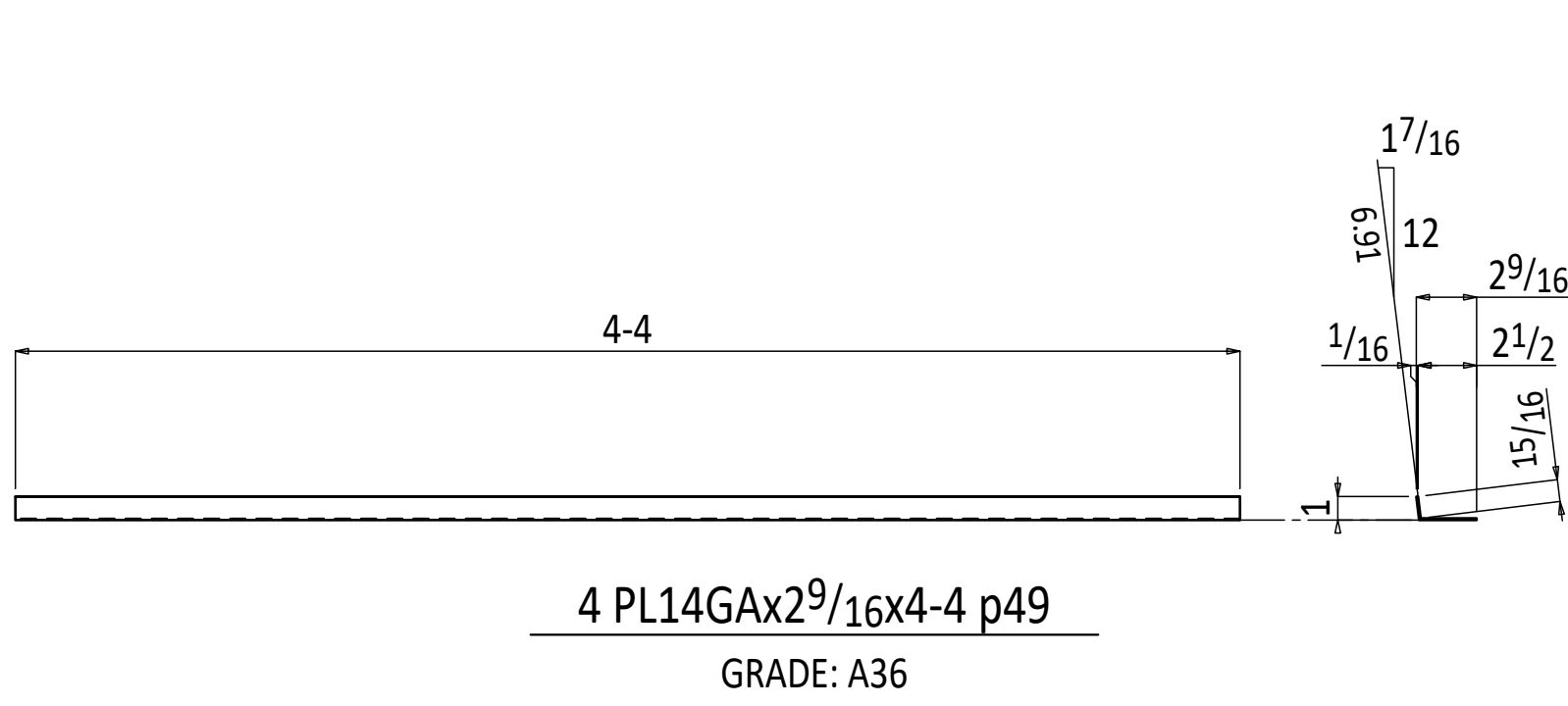
42 PL 1/4x11 1/16 p18
GRADE: A36



44 PL 3/8x3 1/2x1-0 p41
GRADE: A36

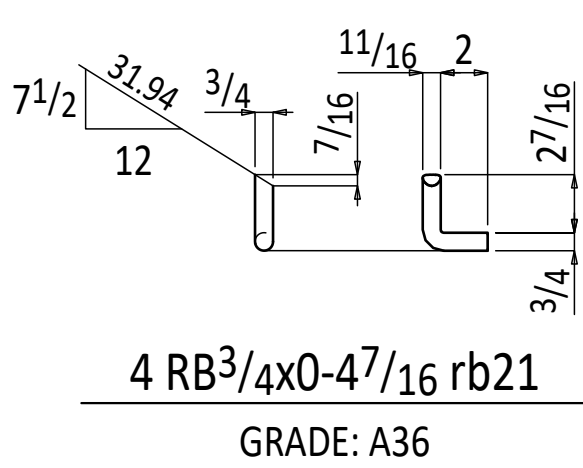
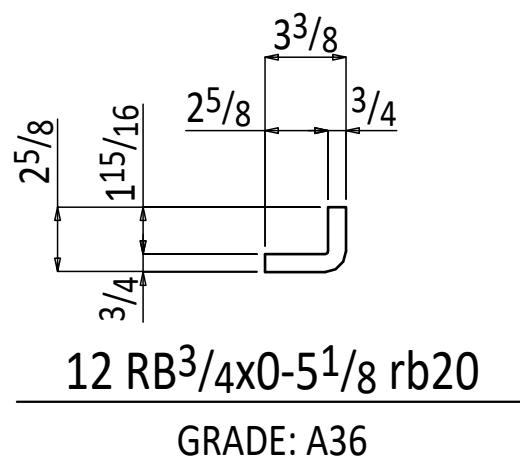
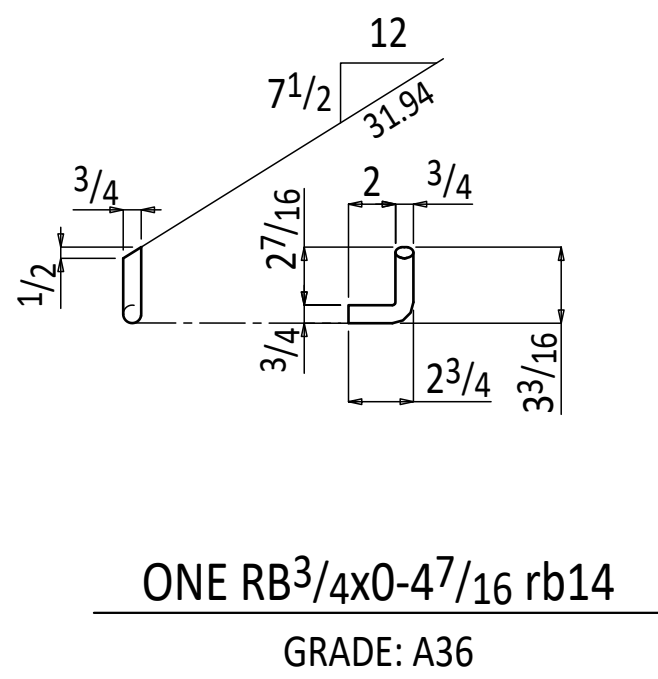
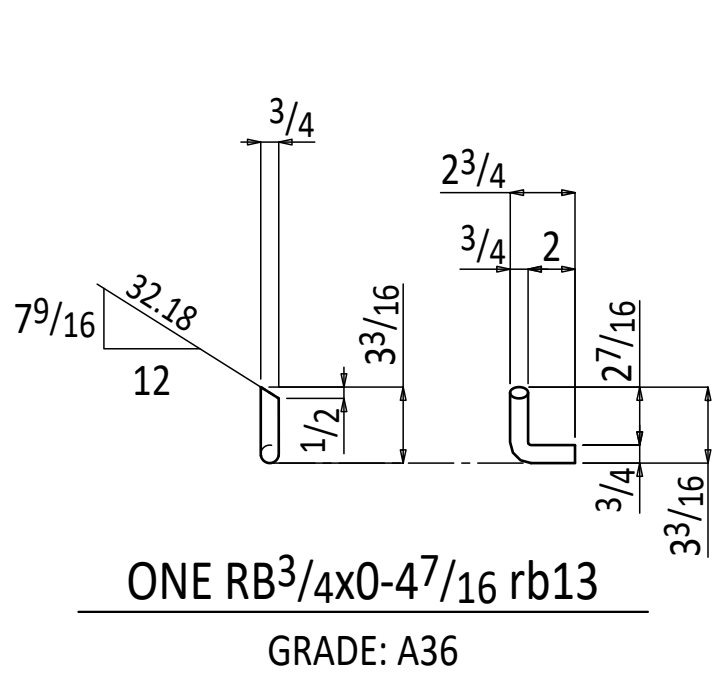
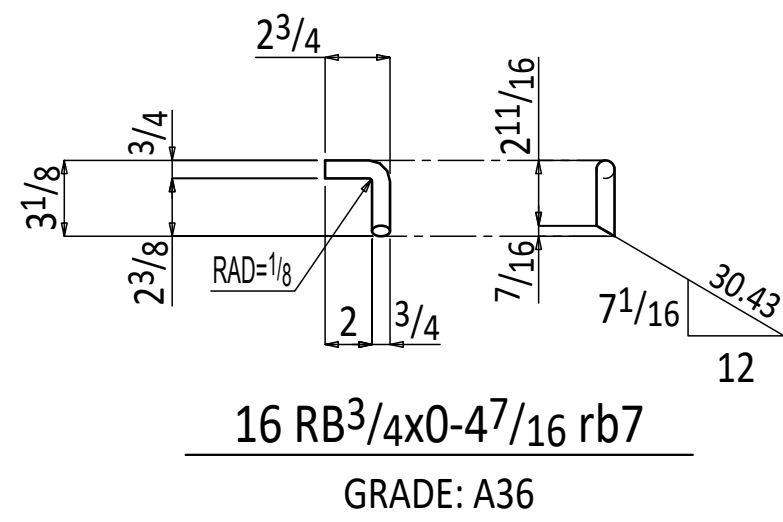
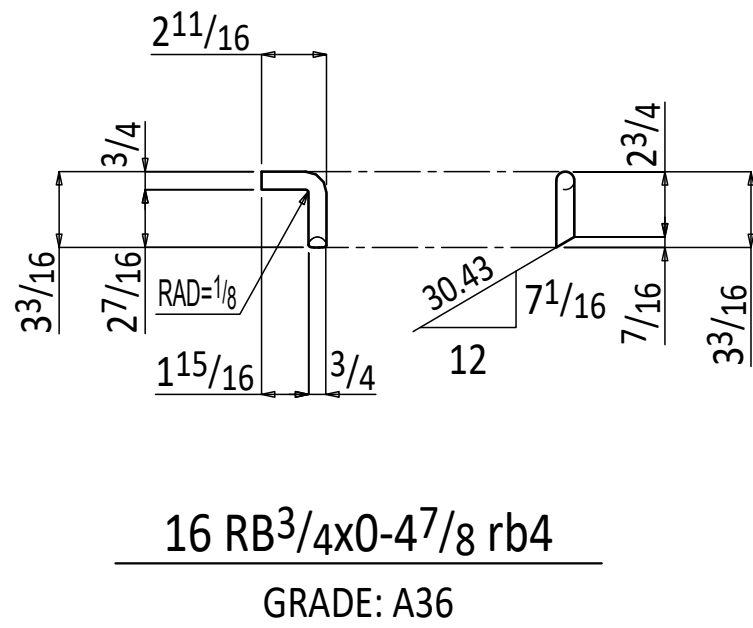
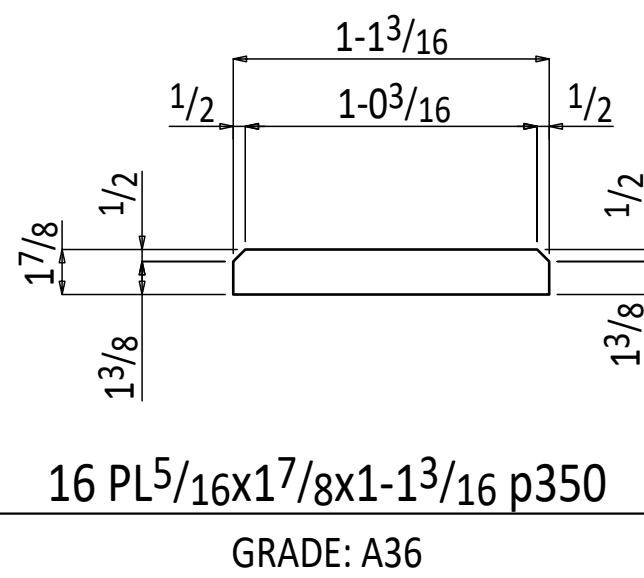
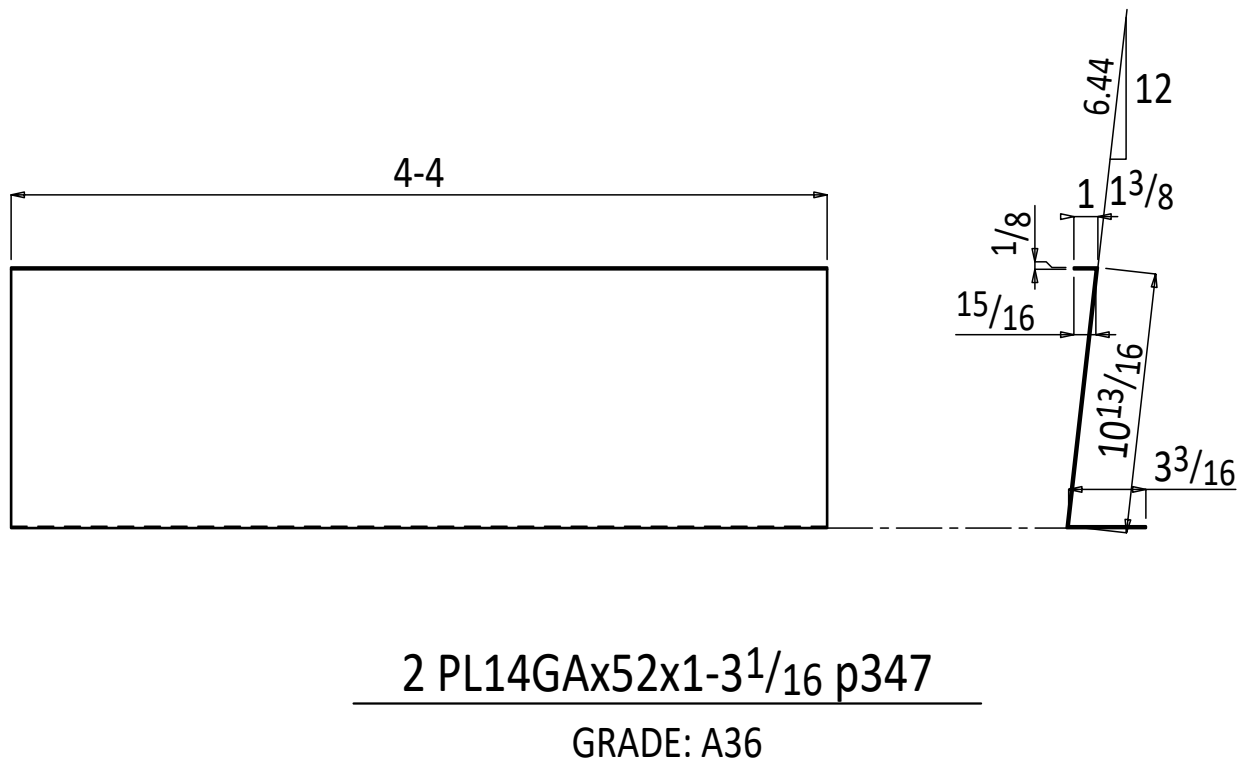
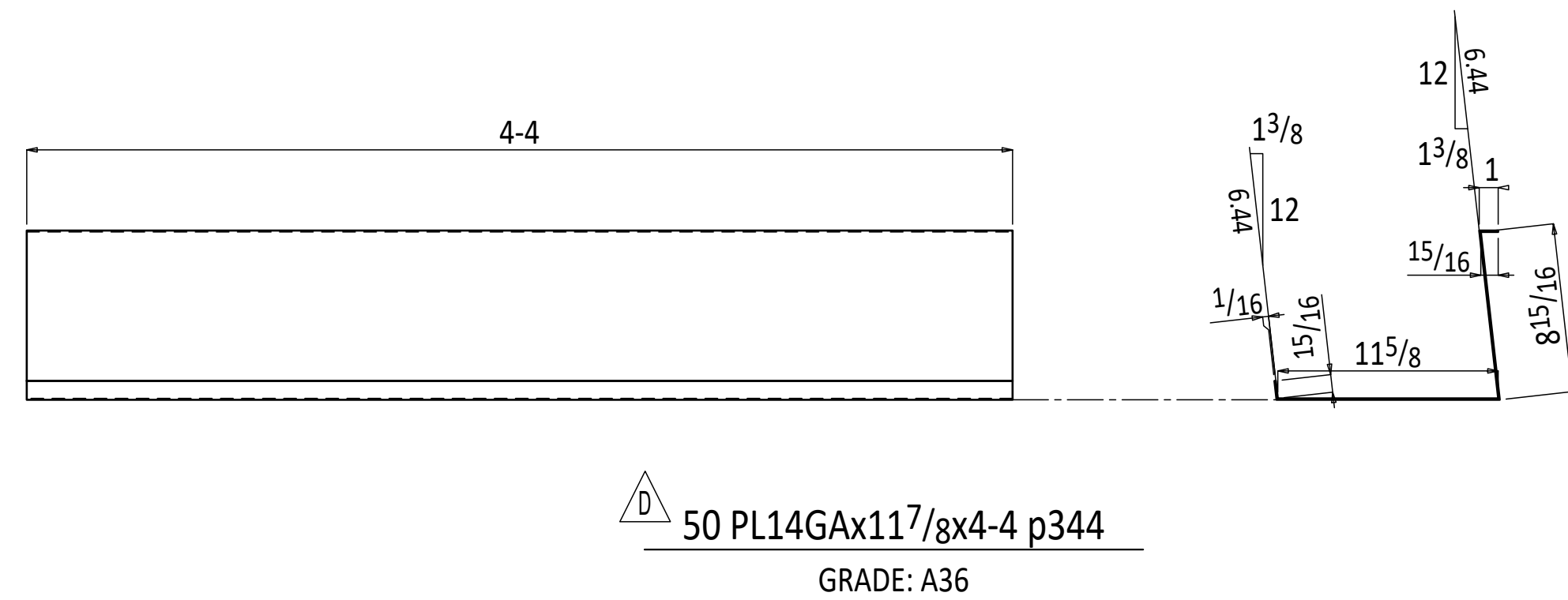
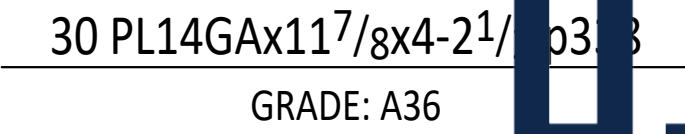
HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF: A992	
STEEL PLATES, ANGLES & CHANNELS: ASTM A-36	
STEEL TUBES: ASTM A500, GRADE C	
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

	RS&H COMMENTS UPDATED	JVL	07-02-24
	4TH FLOOR LANDING CHANGES	JVL	06-14-24
	HEADER BEAMS UPDATION	JVL	06-13-24
	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:	
BID ACCURATE LLC			
PROJECT NAME:		DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION		DATE: 06-04-24	DATE: 06-04-24
4949 BLANDING BLVD.		REF. DWG:	SCALE: NTS
JACKSONVILLE, FL		JOB NUMBER	SHEET REV
DESCRIPTION:		-	G1
SUBMATERIAL DETAIL			



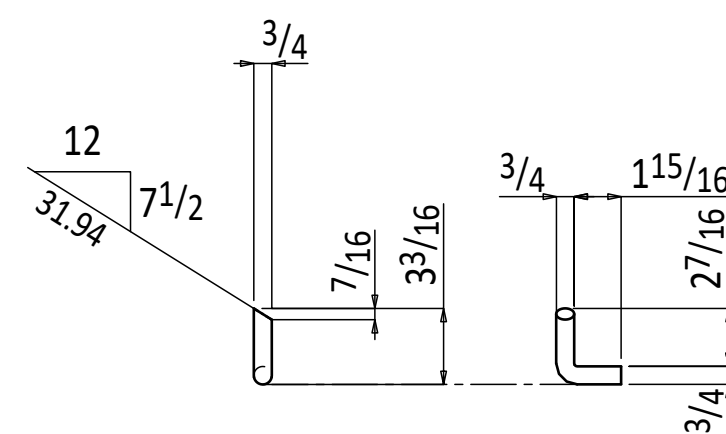
NOT IN USE

BID ACCURATE



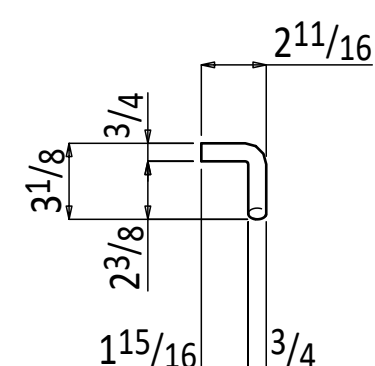
HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF: A992	
STEEL PLATES, ANGLES & CHANNELS: ASTM A-36	
STEEL TUBES: ASTM A500, GRADE C	
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

D	RS&H COMMENTS UPDATED	JVL	07-02-24
C	4TH FLOOR LANDING CHANGES	JVL	06-14-24
B	HEADER BEAMS UPDATION	JVL	06-13-24
A	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL			AS BUILT:
BID ACCURATE LLC			
PROJECT NAME:		DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION		DATE: 06-04-24	DATE: 06-04-24
4949 BLANDING BLVD.		REF. DWG:	SCALE: NTS
JACKSONVILLE, FL		JOB NUMBER	SHEET REV
DESCRIPTION: SUBMATERIAL DETAIL		-	G2
			D



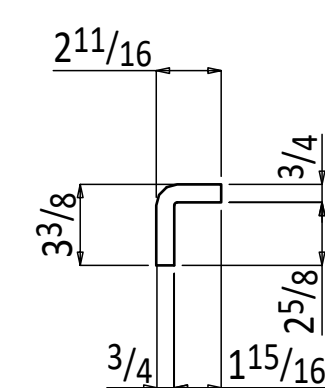
4 RB³/₄x0-4⁷/₁₆ rb23

GRADE: A36



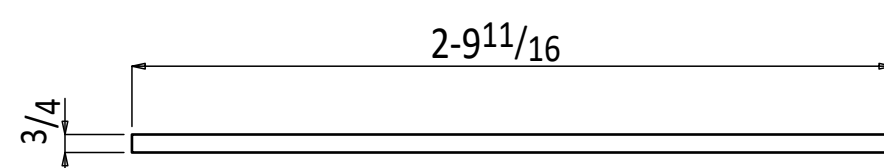
8 RB³/₄x0-4⁷/₈ rb26

GRADE: A36

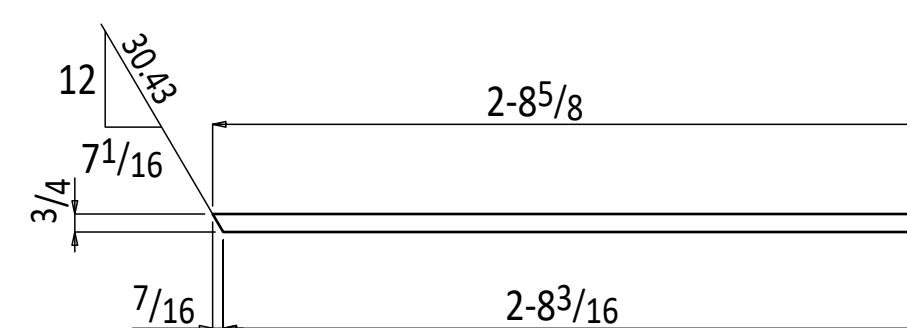


2 RB^{3/4}x0-5^{1/8} rb27

GRADE: A36

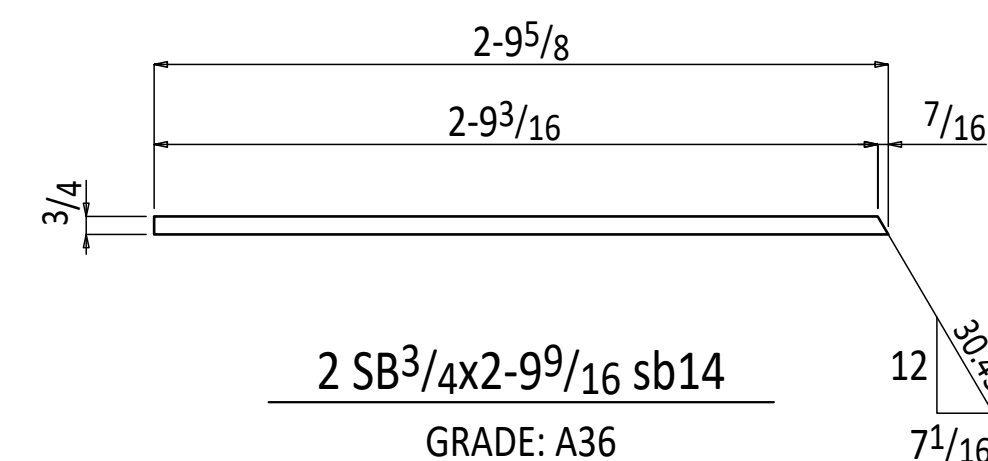


83 SB³/₄2-9¹¹/₁₆ sb7
GRADE: A36



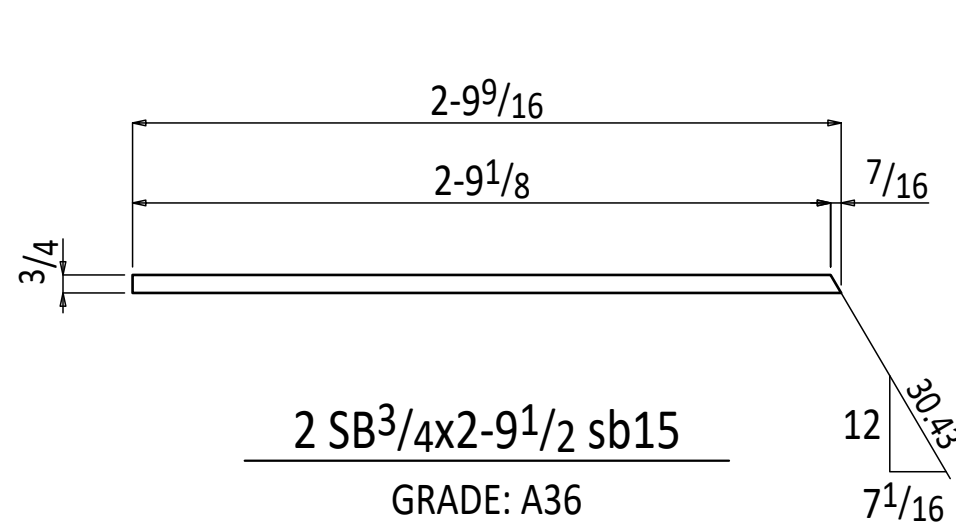
2 SB^{3/4}x2-8^{5/8} sb13

GRADE: A36



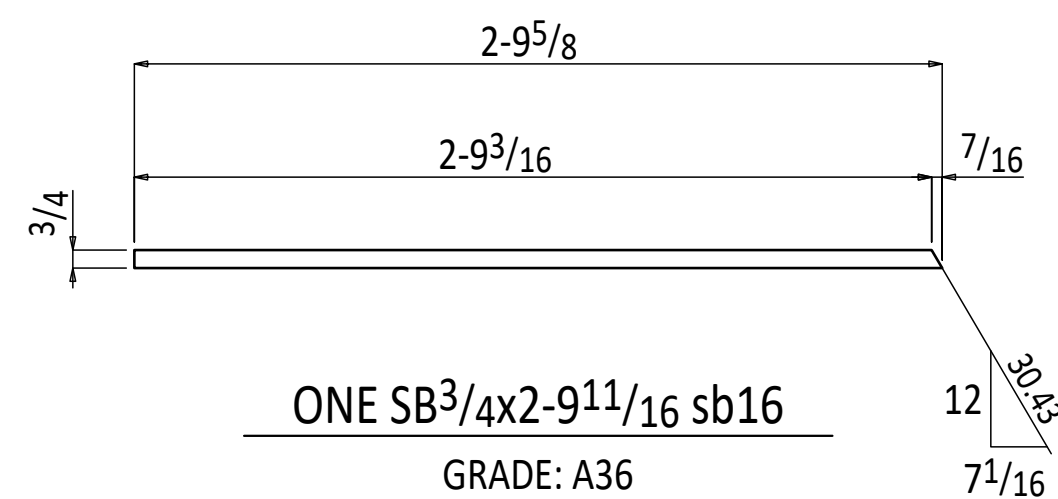
2 SB³/₄2-9⁹/₁₆ sb14

GRADE: A36



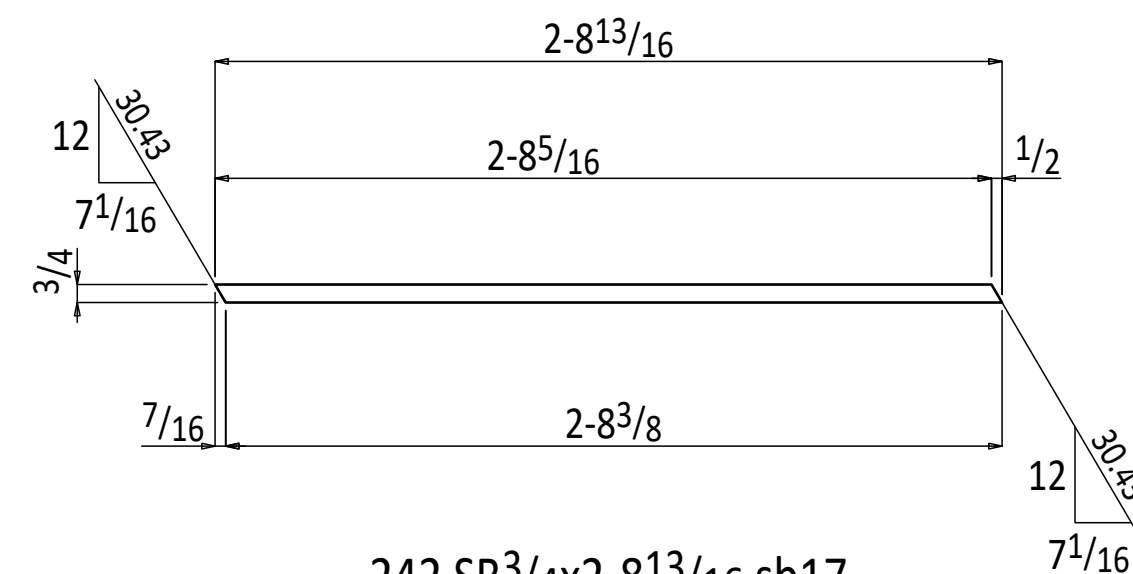
2 SB^{3/4}x2-9^{1/2} sb15

GRADE: A36



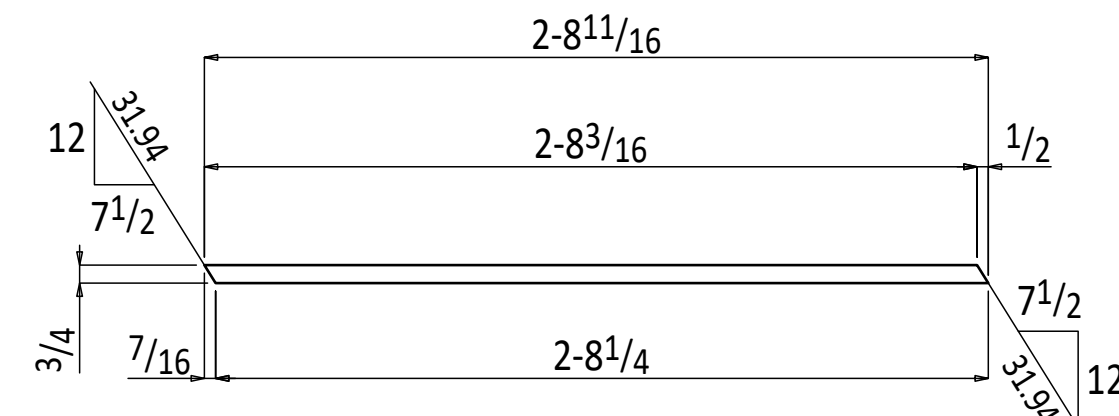
ONE SB^{3/4}x2-9^{11/16} sb16

GRADE: A36



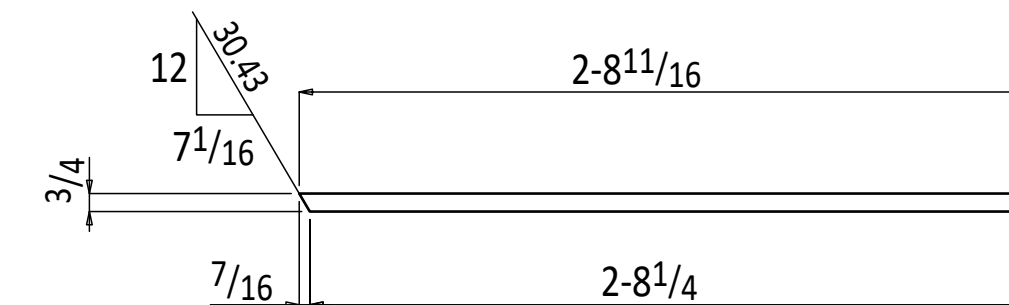
242 SB³/₄2-8¹³/₁₆ sb17

GRADE: A36

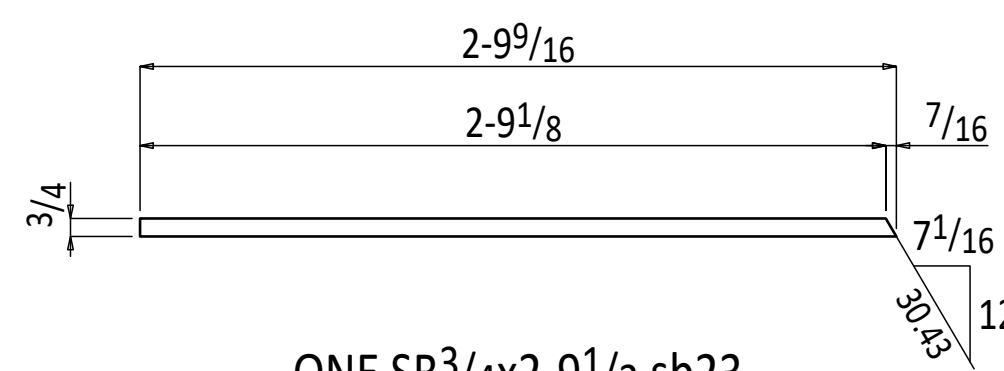


72 SB³/₄2-8¹¹/₁₆ sb18

GRADE: A36

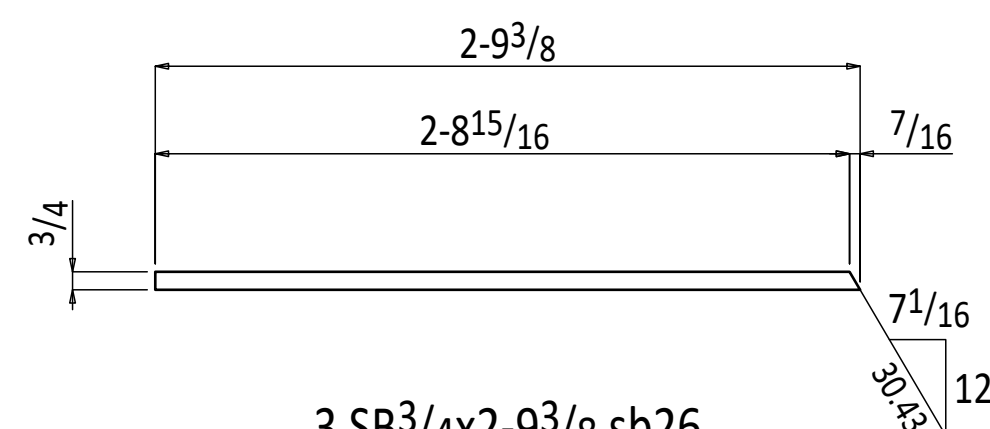


2 SB³/₄x2-8¹¹/₁₆ sb20
GRADE: A36



ONE SB^{3/4}x2-9^{1/2} sb23

GRADE: A36

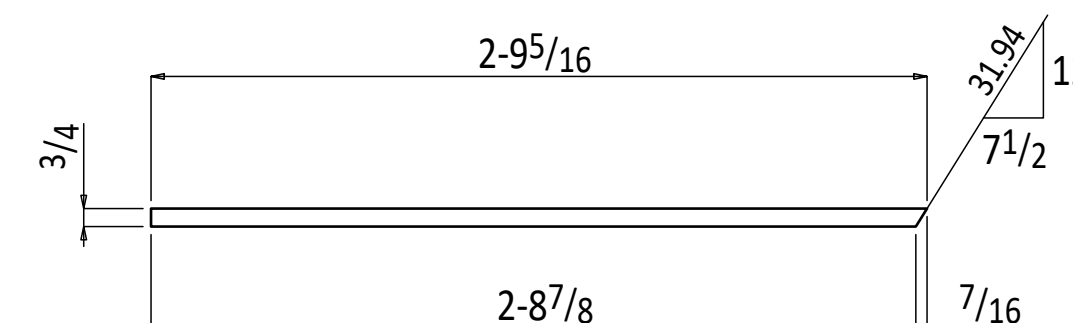


3 SB³/₄x2-9³/₈ sb26

GRADE: A36

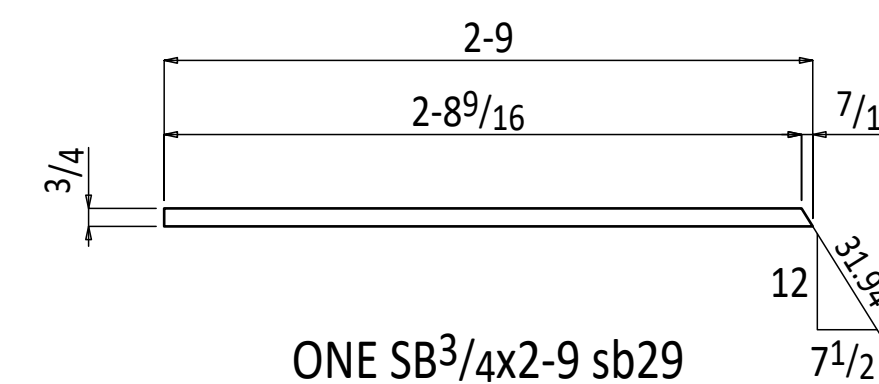


2 SB 4x2 8^{13/16} s 27
GBA F: A36



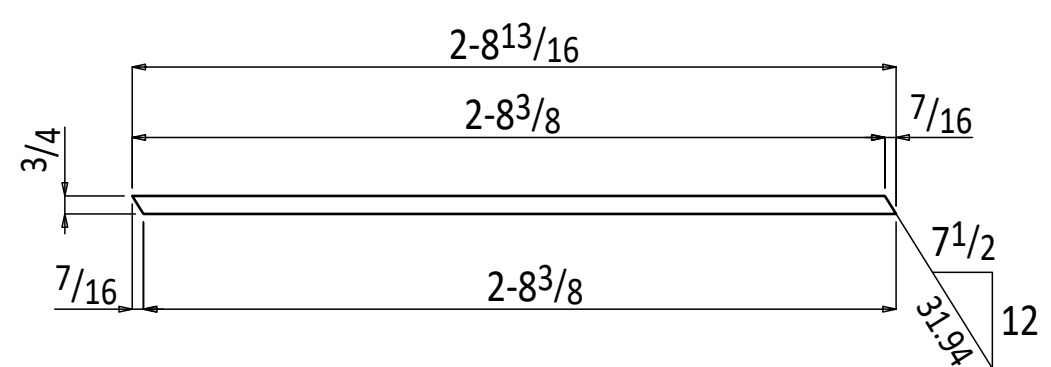
ONE SB³/₄2-9⁵/₁₆ sb28

GRADE: A36



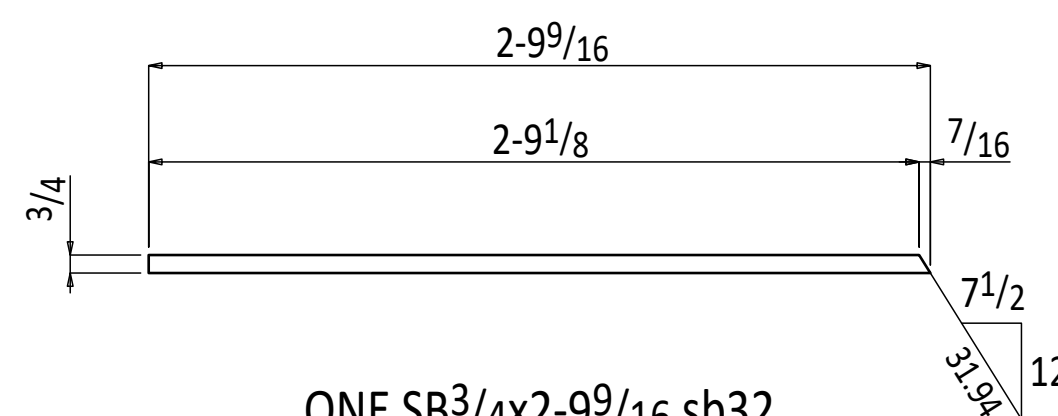
ONE SB³/4x2-9 sb29

GRADE: A36



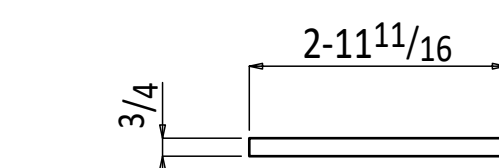
56 SB³/₄x2-8¹³/₁₆ sb30

GRADE: A36

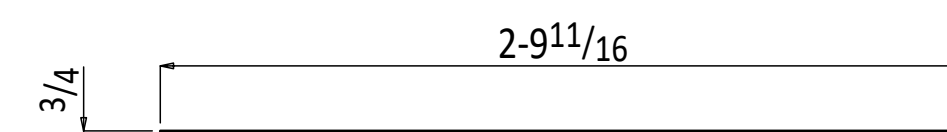


ONE SB³/₄X2-9⁹/₁₆ sb32

GRADE: A36

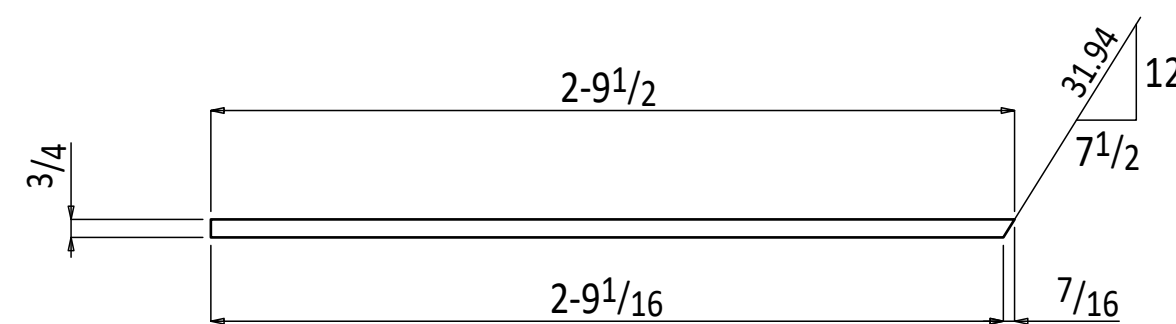


177 SB³/4x2-11¹¹/16 sb33
GRADE: A36



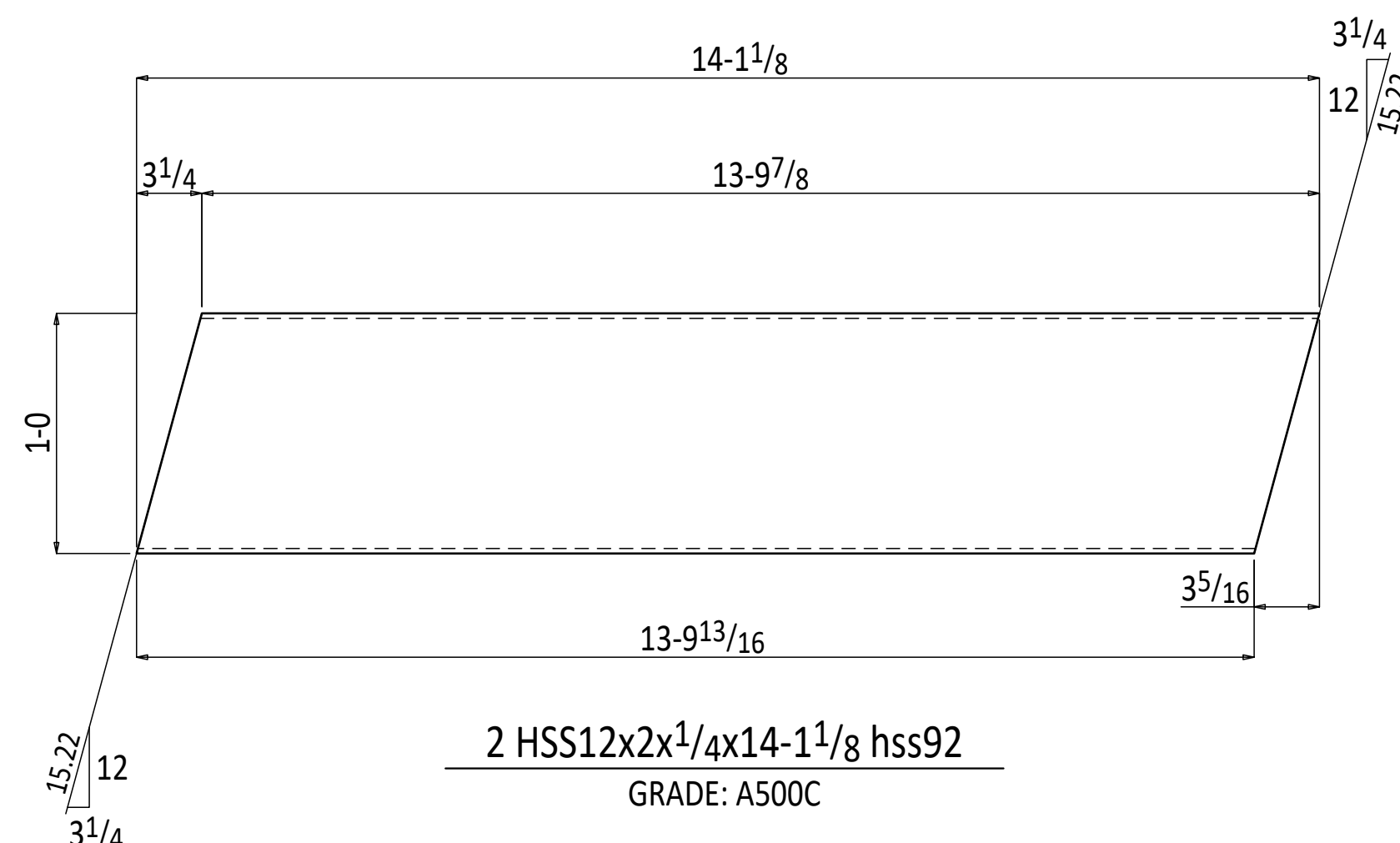
10 SB³/₄x2-9¹¹/₁₆ sb34

GRADE: A36



ONE SB^{3/4}x2-9^{1/2} sb35

GRADE: A36



2 HSS12x2x1/4x14-1 1/8 hss92

GRADE: A500C

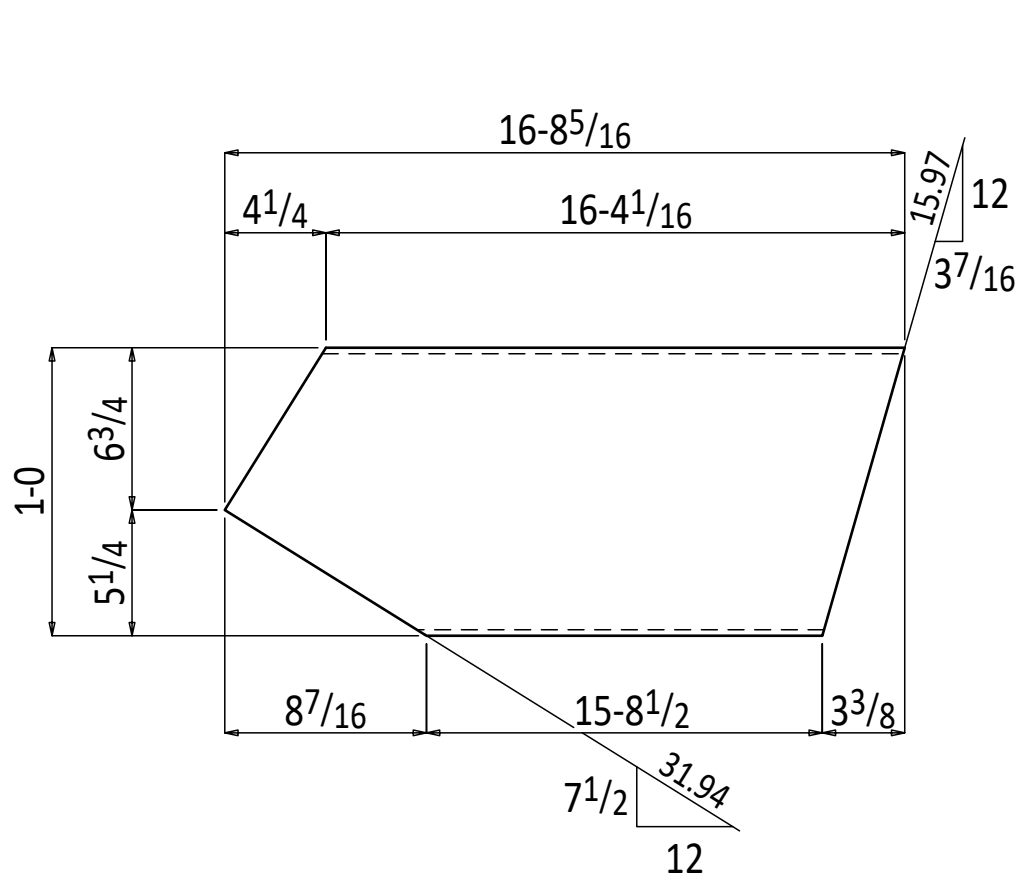


2 HSS12x2x1/4x14-1 1/8 hss107

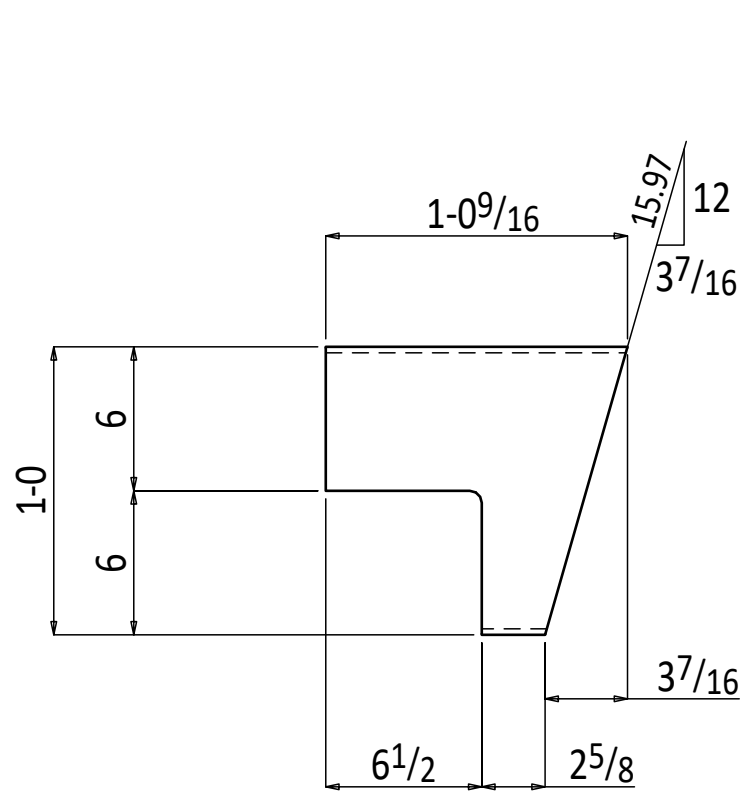
GRADE: A500C

HOLE: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF: A992	
STEEL PLATES, ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES :	ASTM A500, GRADE C
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

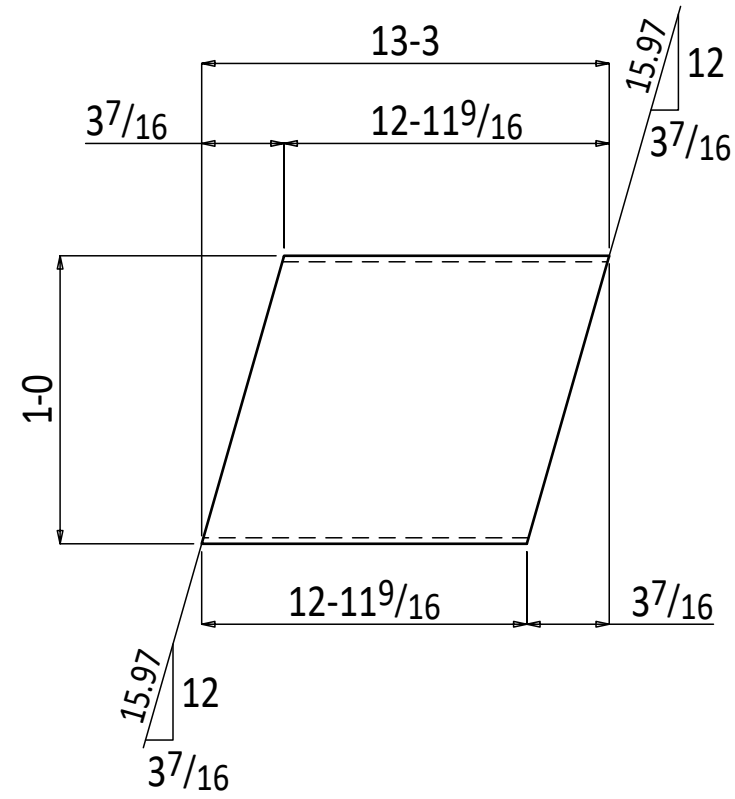
D	RS&H COMMENTS UPDATED		JVL	07-02-24
C	4TH FLOOR LANDING CHANGES		JVL	06-14-24
B	HEADER BEAMS UPDATION		JVL	06-13-24
A	ENGINEER COMMENTS UPDATED		JVL	06-04-24
REV	DESCRIPTION		BY	DATE
FOR APPROVAL:		TO SHOP:	TO FIELD:	
R & R APPROVAL			AS BUILT:	
BID ACCURATE LLC				
PROJECT NAME:		DRAWN BY: MSV	CHECKED BY: JVL	
GRADE SCHOOL RENOVATION		DATE: 06-04-24	DATE: 06-04-24	
4949 BLANDING BLVD.		REF. DWG:	SCALE: NTS	
JACKSONVILLE, FL		JOB NUMBER	SHEET REV	
DESCRIPTION: SUBMATERIAL DETAIL		-	G3	D



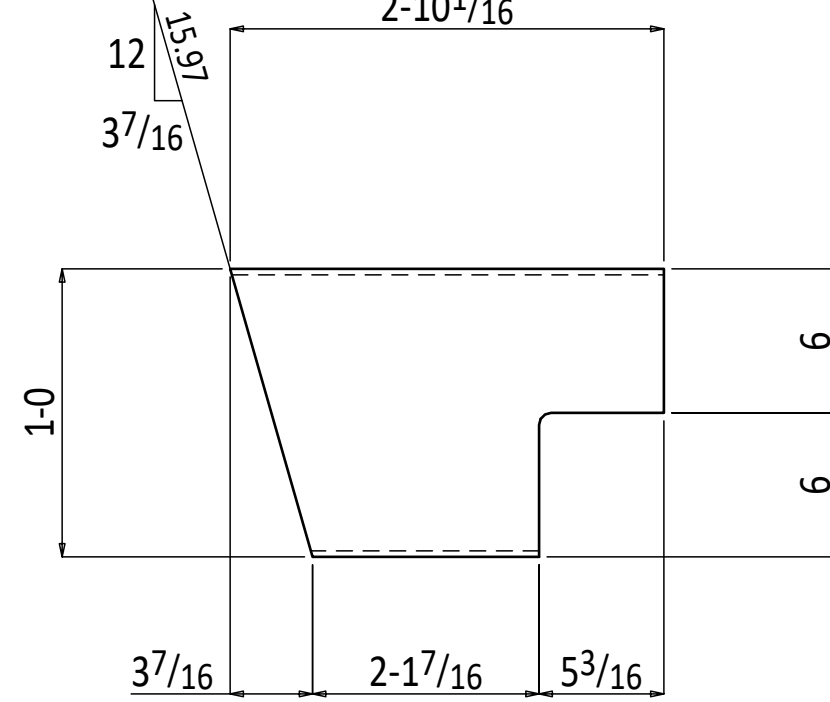
ONE HSS12x2x1/4x16-8 5/16 hss817
GRADE: A500C



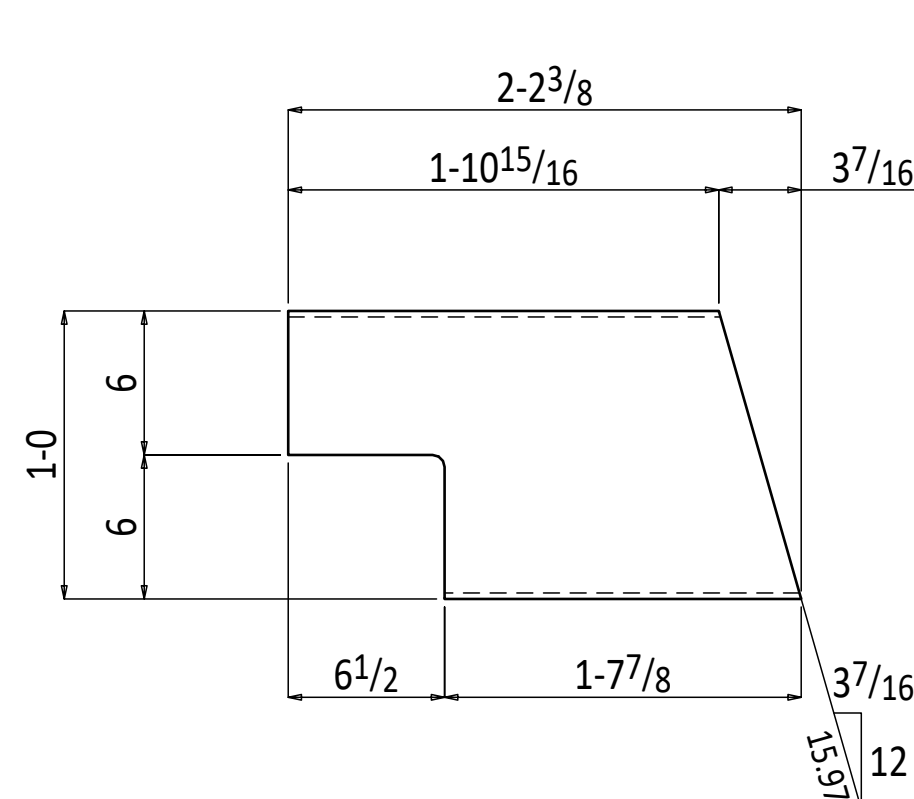
ONE HSS12x2x1/4x1-0 9/16 hss818
GRADE: A500C



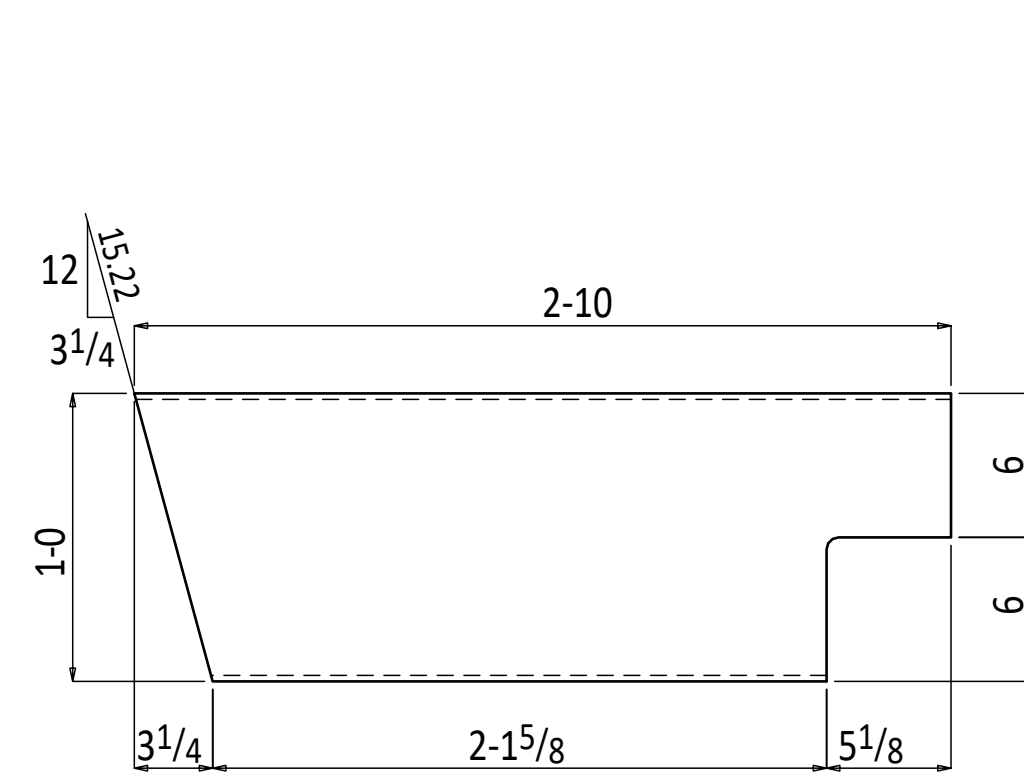
ONE HSS12x2x1/4x13-3 hss879
GRADE: A500C



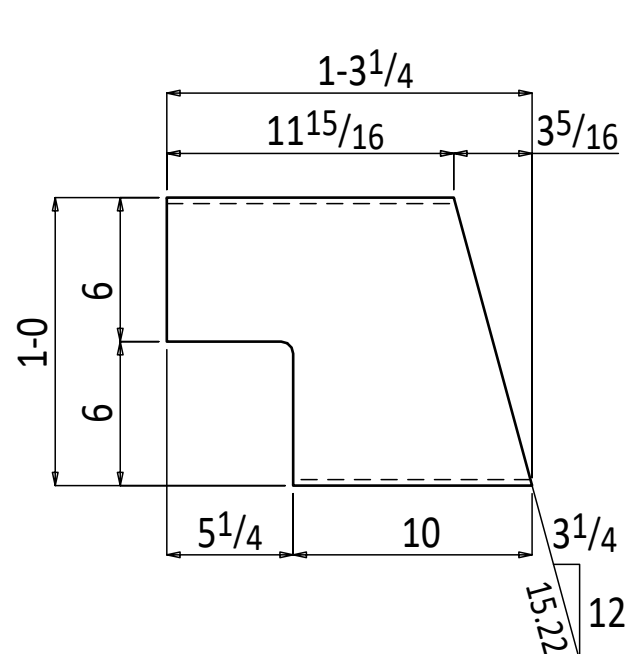
ONE HSS12x2x1/4x2-10 1/16 hss915
GRADE: A500C



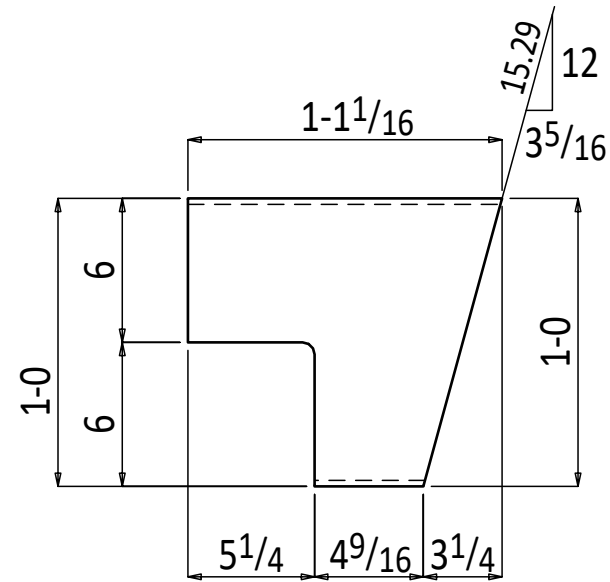
ONE HSS12x2x1/4x2-2 3/8 hss916
GRADE: A500C



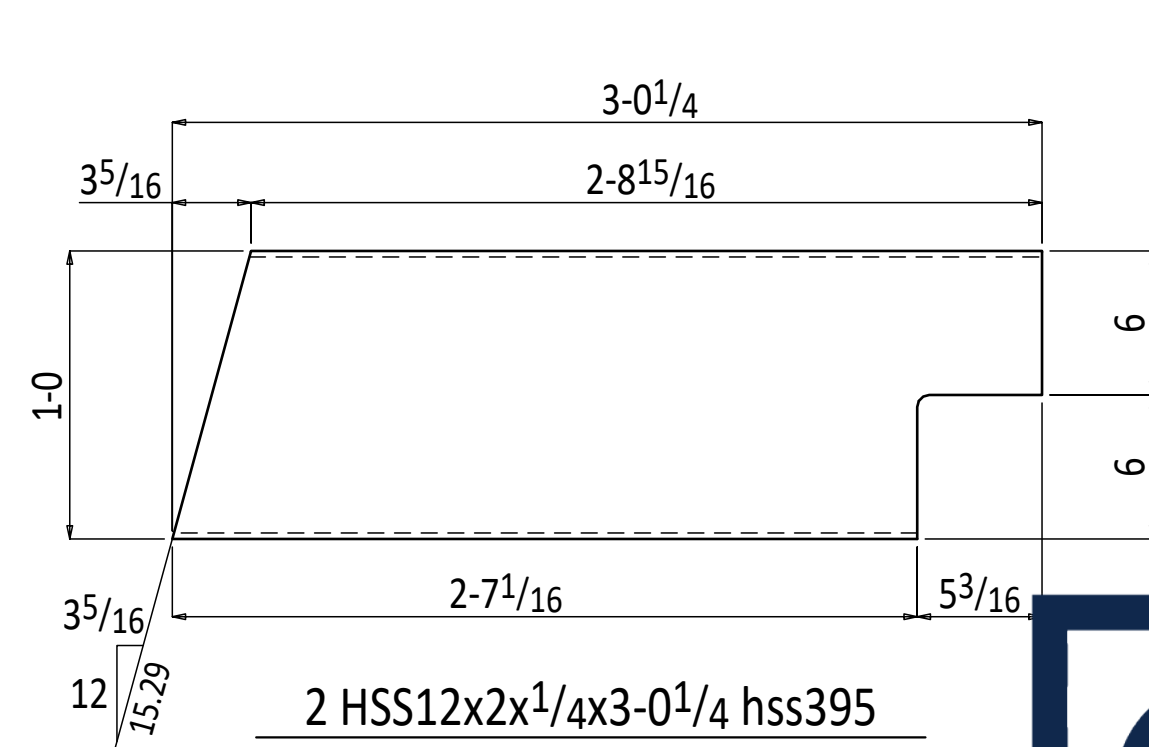
2 HSS12x2x1/4x2-10 hss378
GRADE: A500C



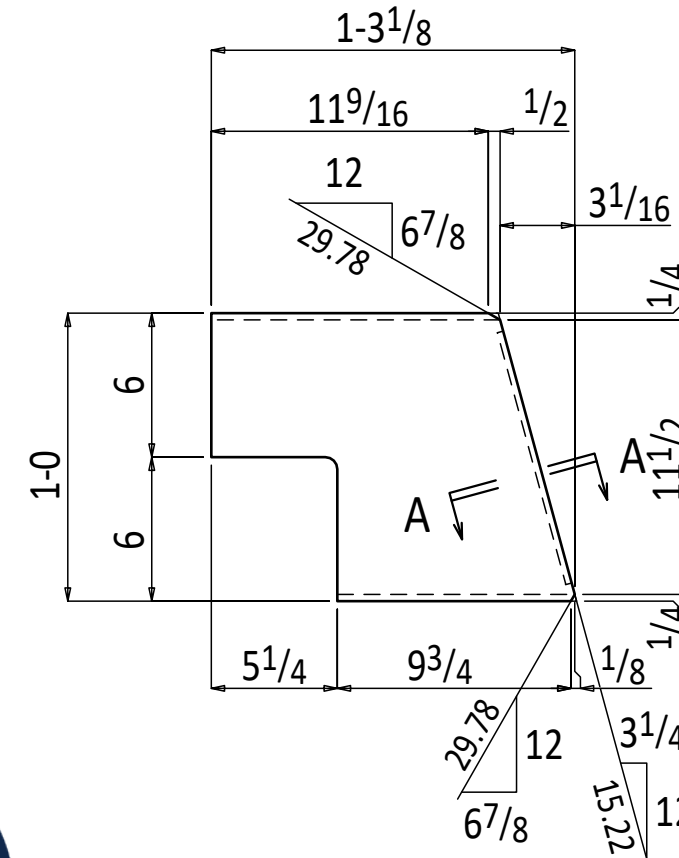
2 HSS12x2x1/4x1-3 1/4 hss382
GRADE: A500C



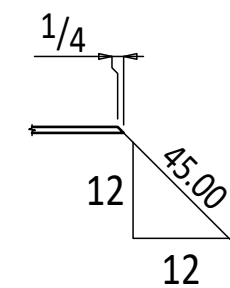
2 HSS12x2x1/4x1-11 1/16 hss390
GRADE: A500C



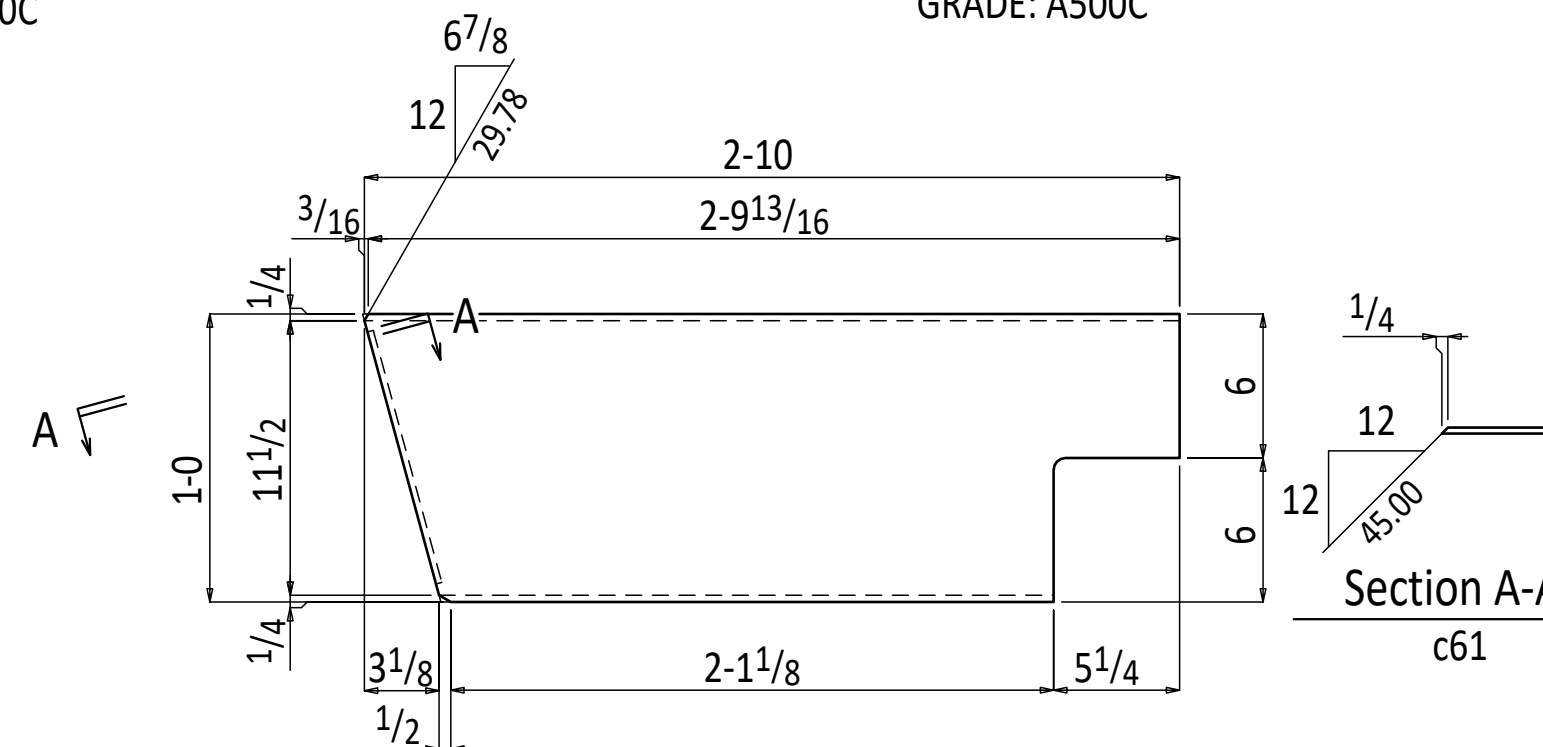
2 HSS12x2x1/4x3-0 1/4 hss395
GRADE: A500C



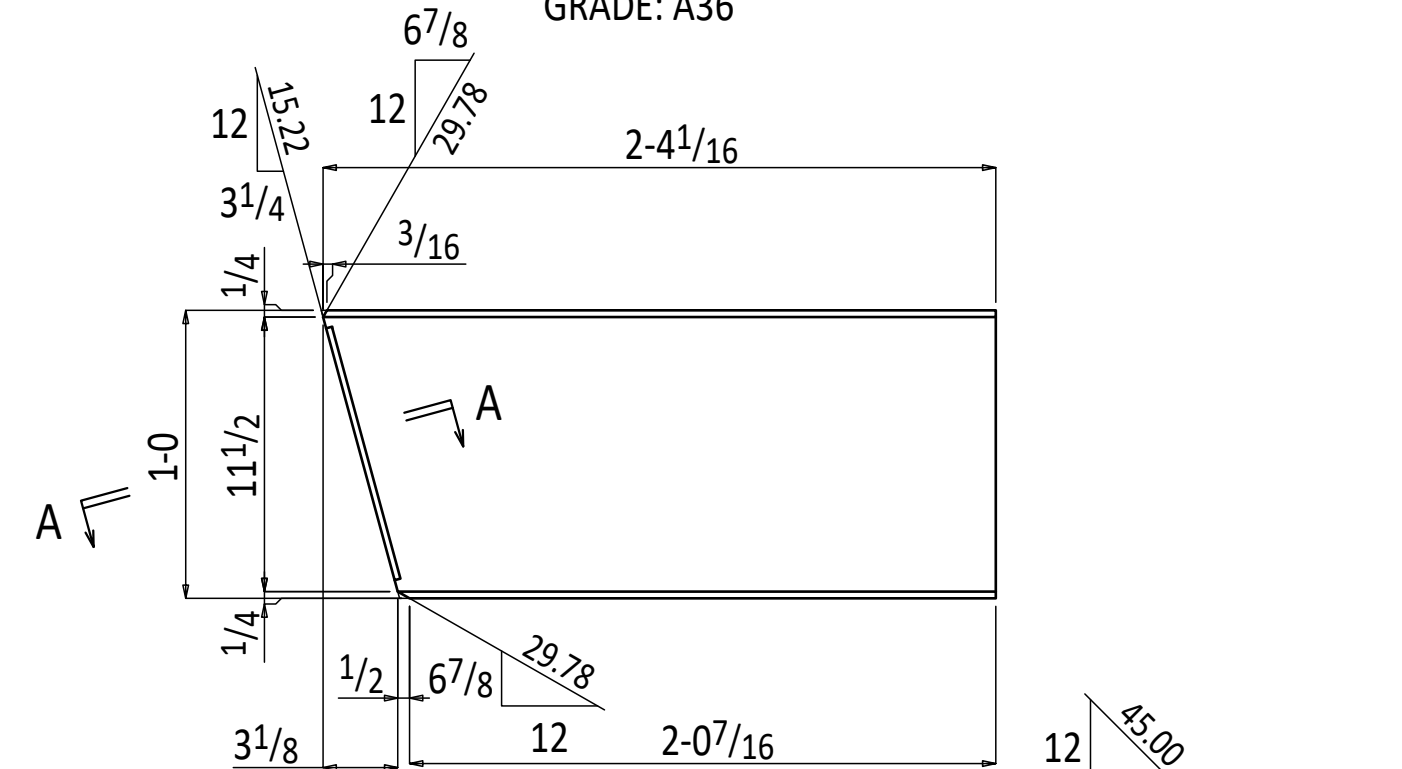
2 MC12x14.3x1-3 1/8 c49
GRADE: A36



Section A-A
c49

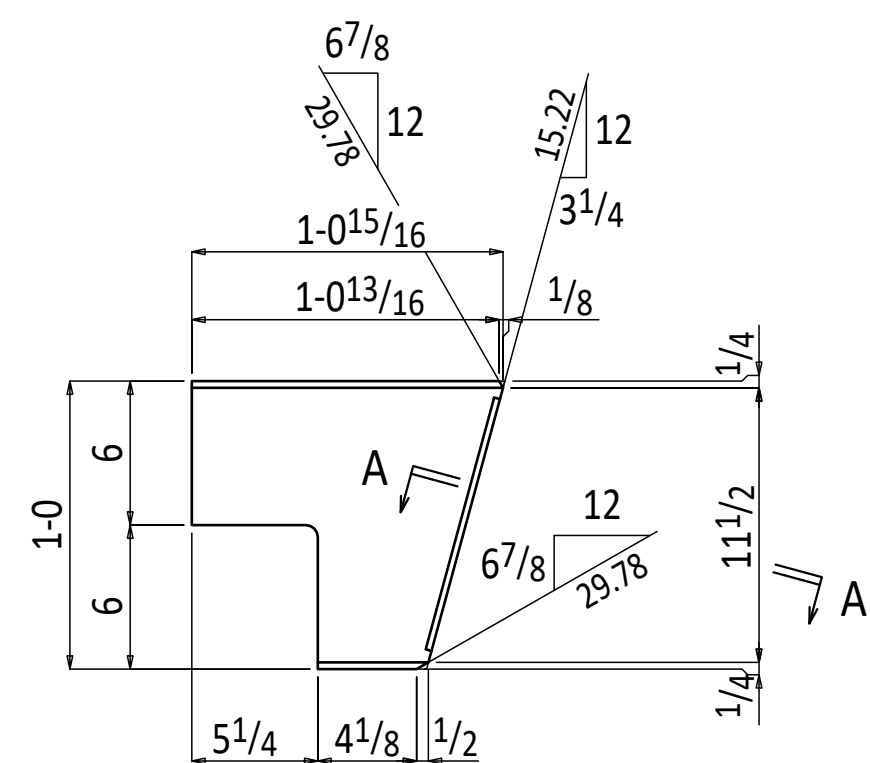


2 MC12x14.3x2-9 15/16 c61
GRADE: A36

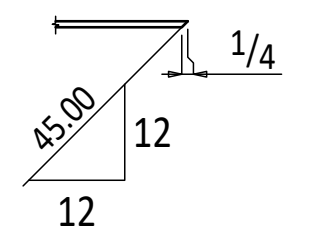


ONE MC12x14.3x2-4 c94
GRADE: A36

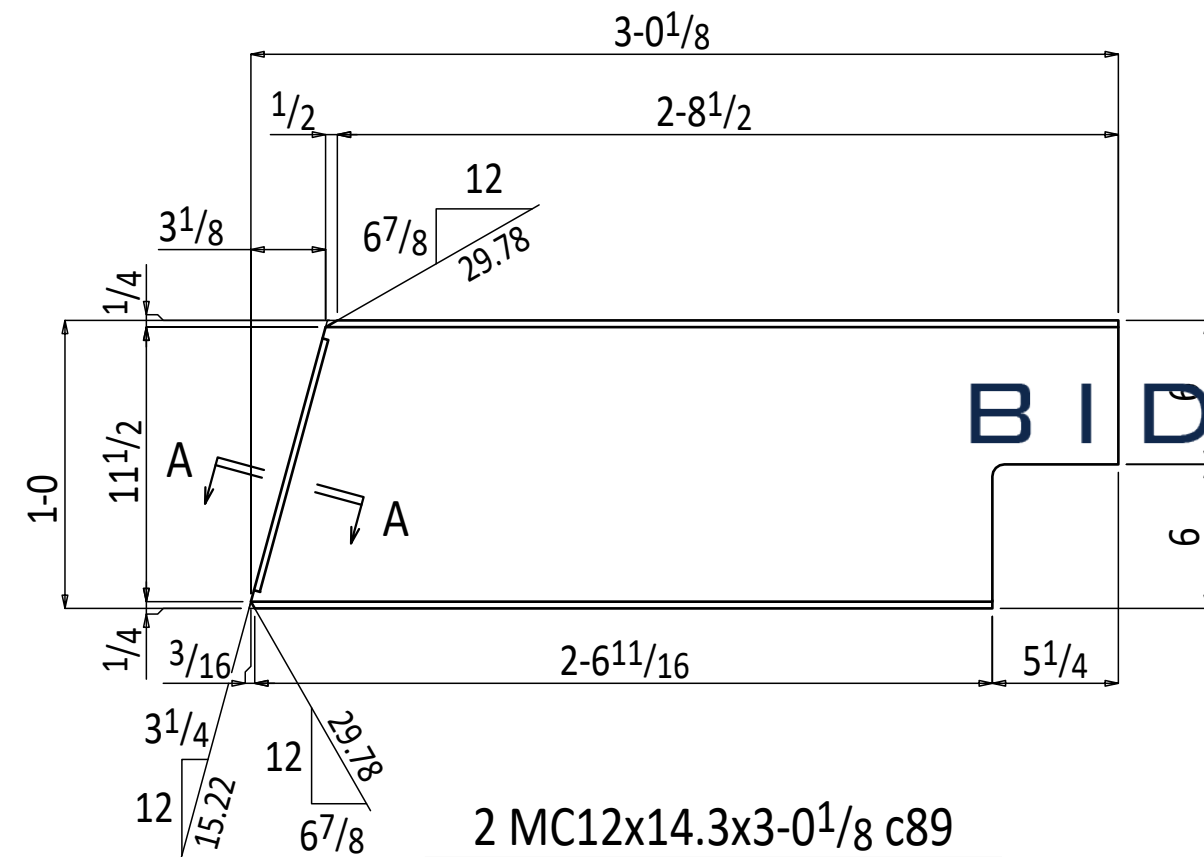
Section A-A
c94



2 MC12x14.3x1-0 15/16 c83
GRADE: A36



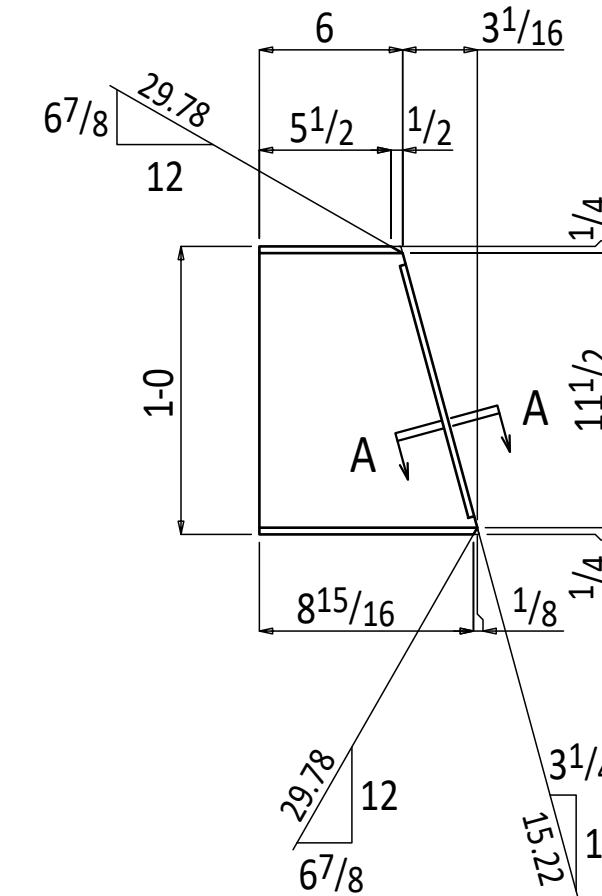
Section A-A
c83



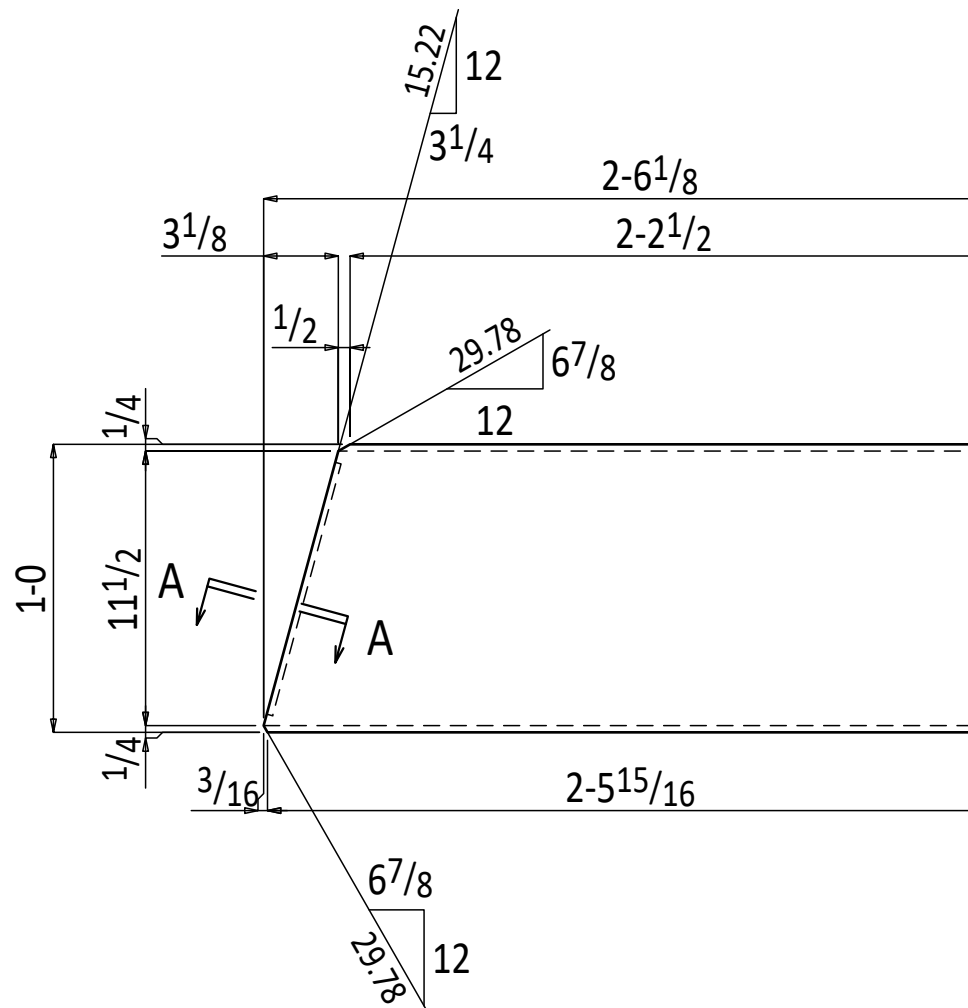
2 MC12x14.3x3-0 1/8 c89
GRADE: A36



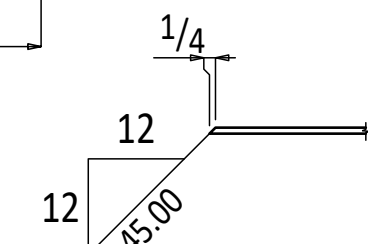
Section A-A
c89



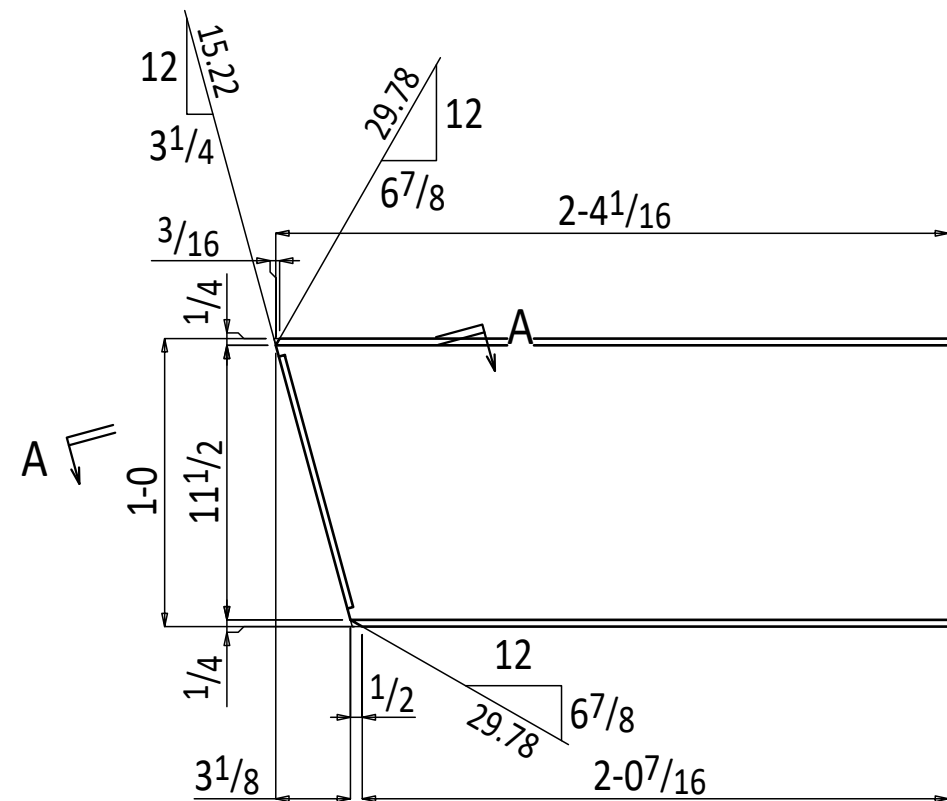
2 MC12x14.3x0-9 1/16 c91
GRADE: A36



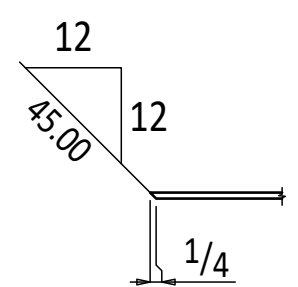
2 MC12x14.3x2-6 1/8 c99
GRADE: A36



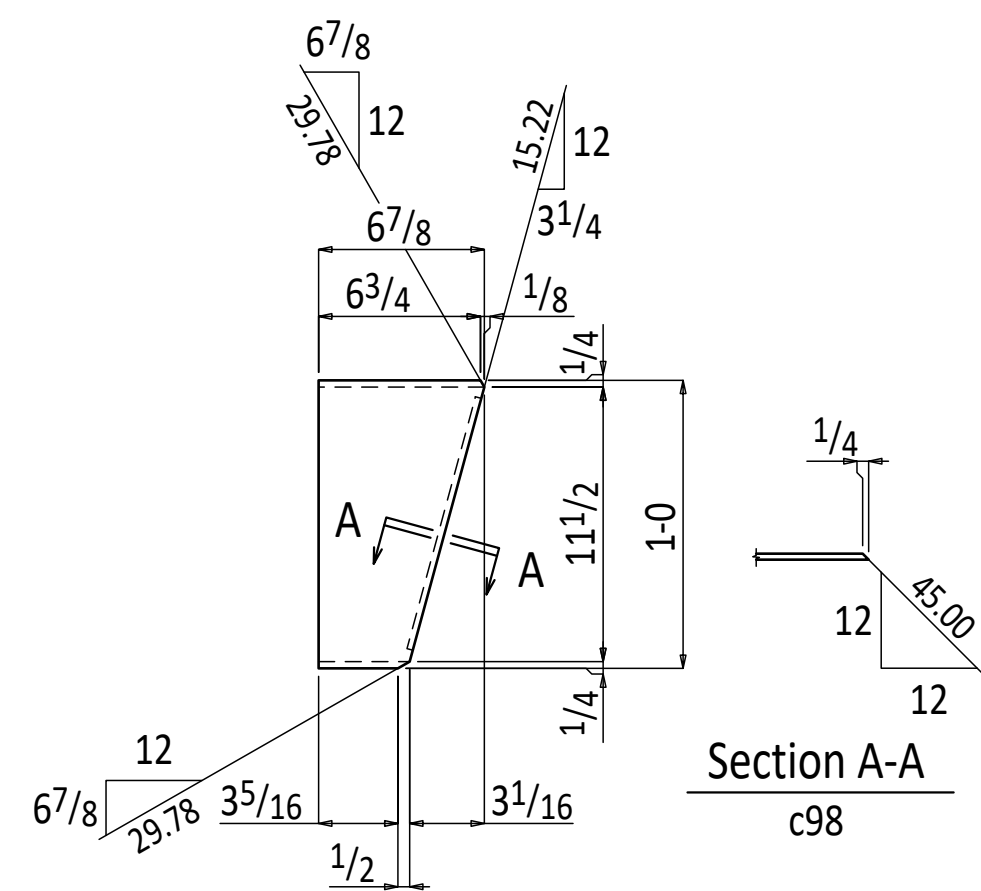
Section A-A
c99



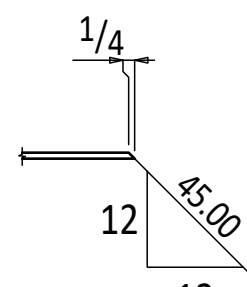
ONE MC12x14.3x2-4 c96
GRADE: A36



Section A-A
c96



2 MC12x14.3x0-6 7/8 c98
GRADE: A36

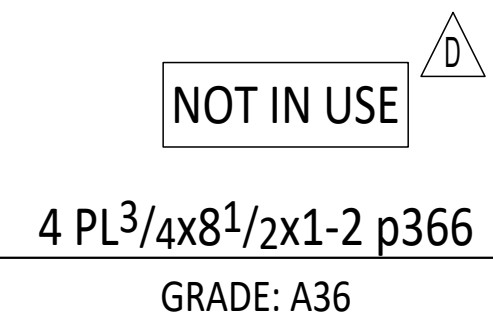
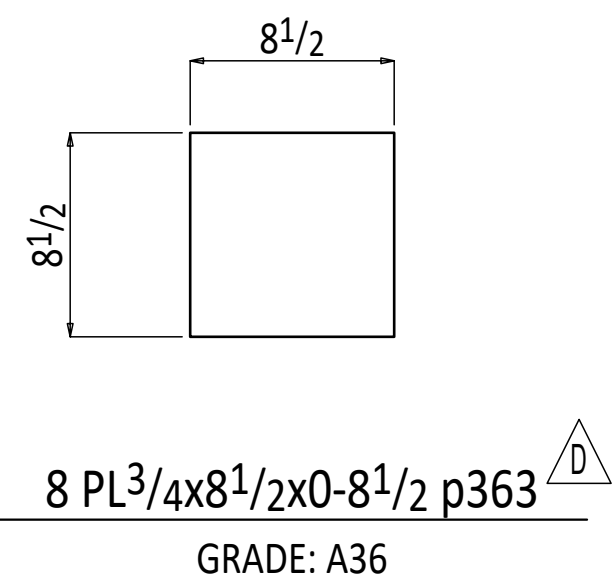
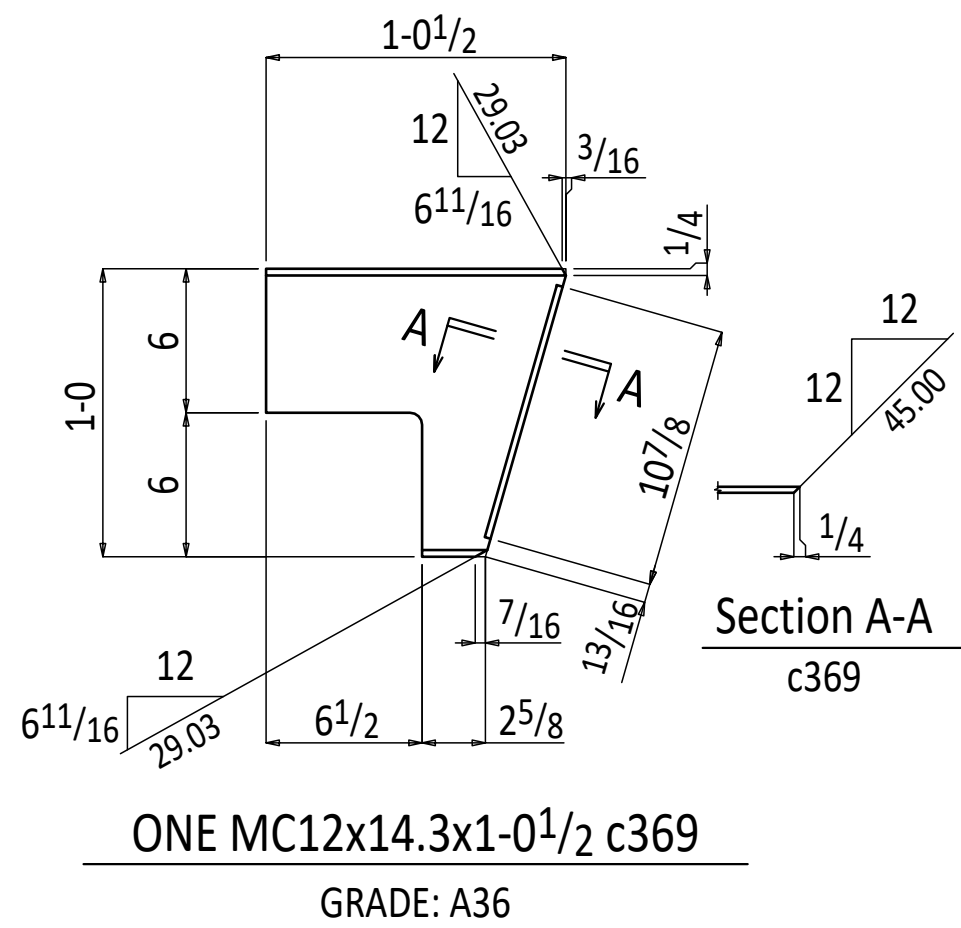
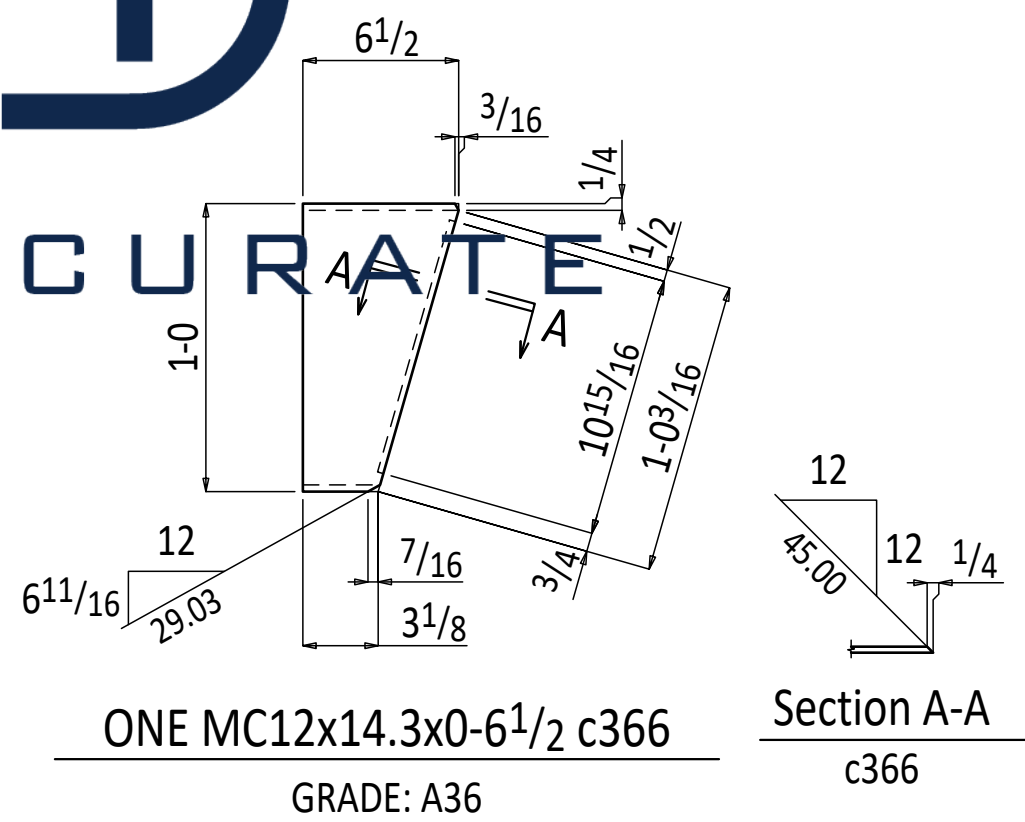
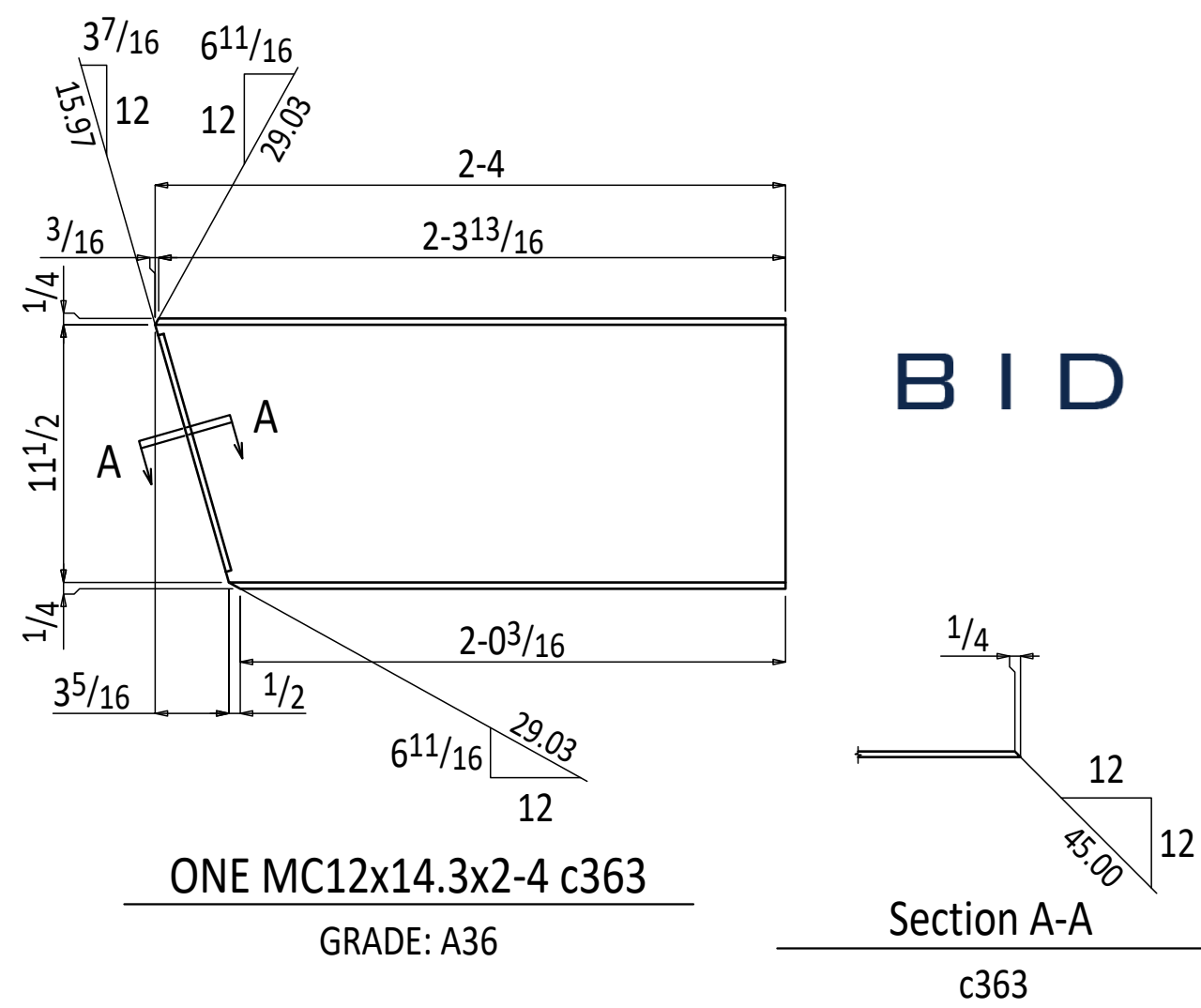
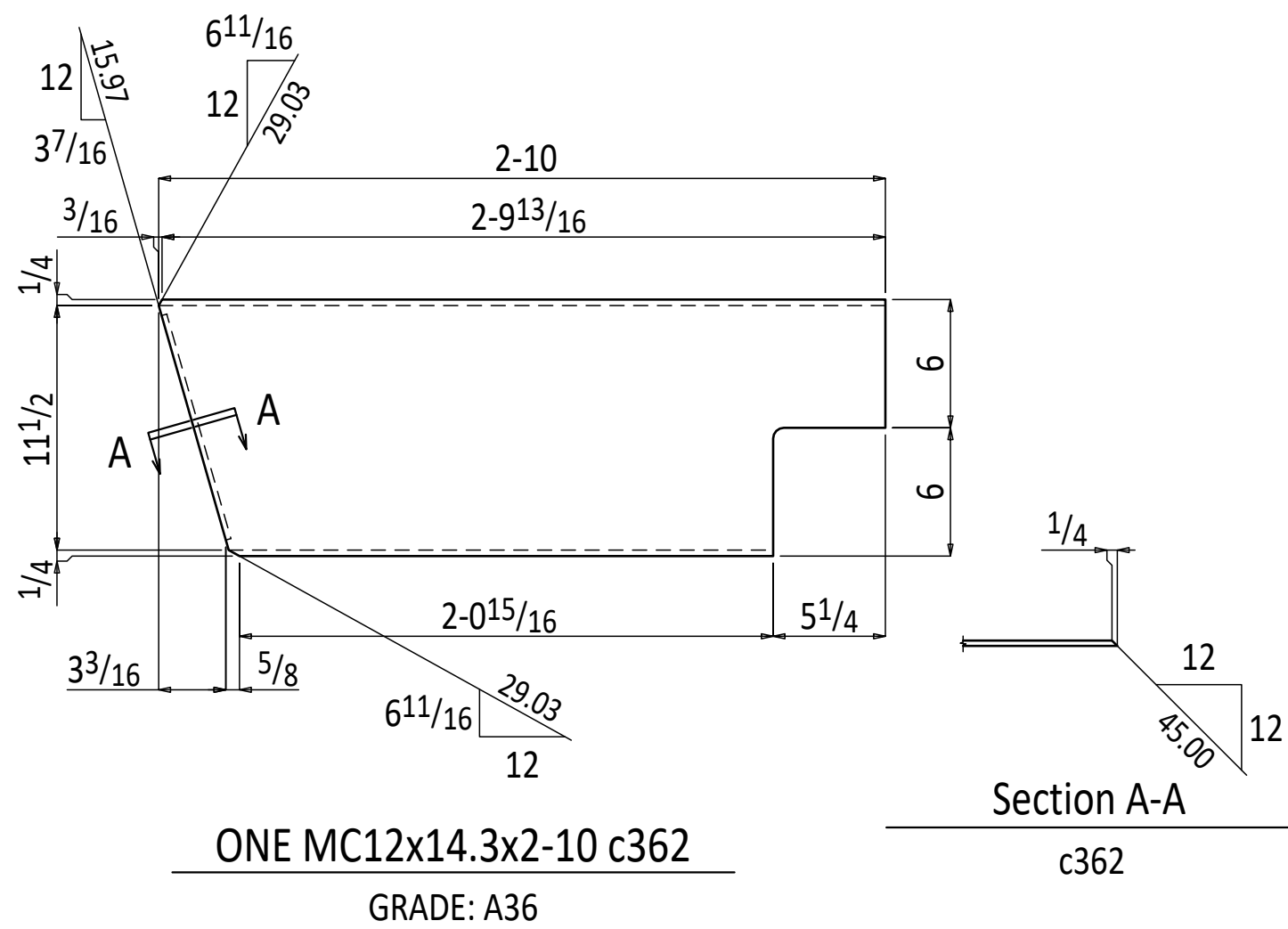
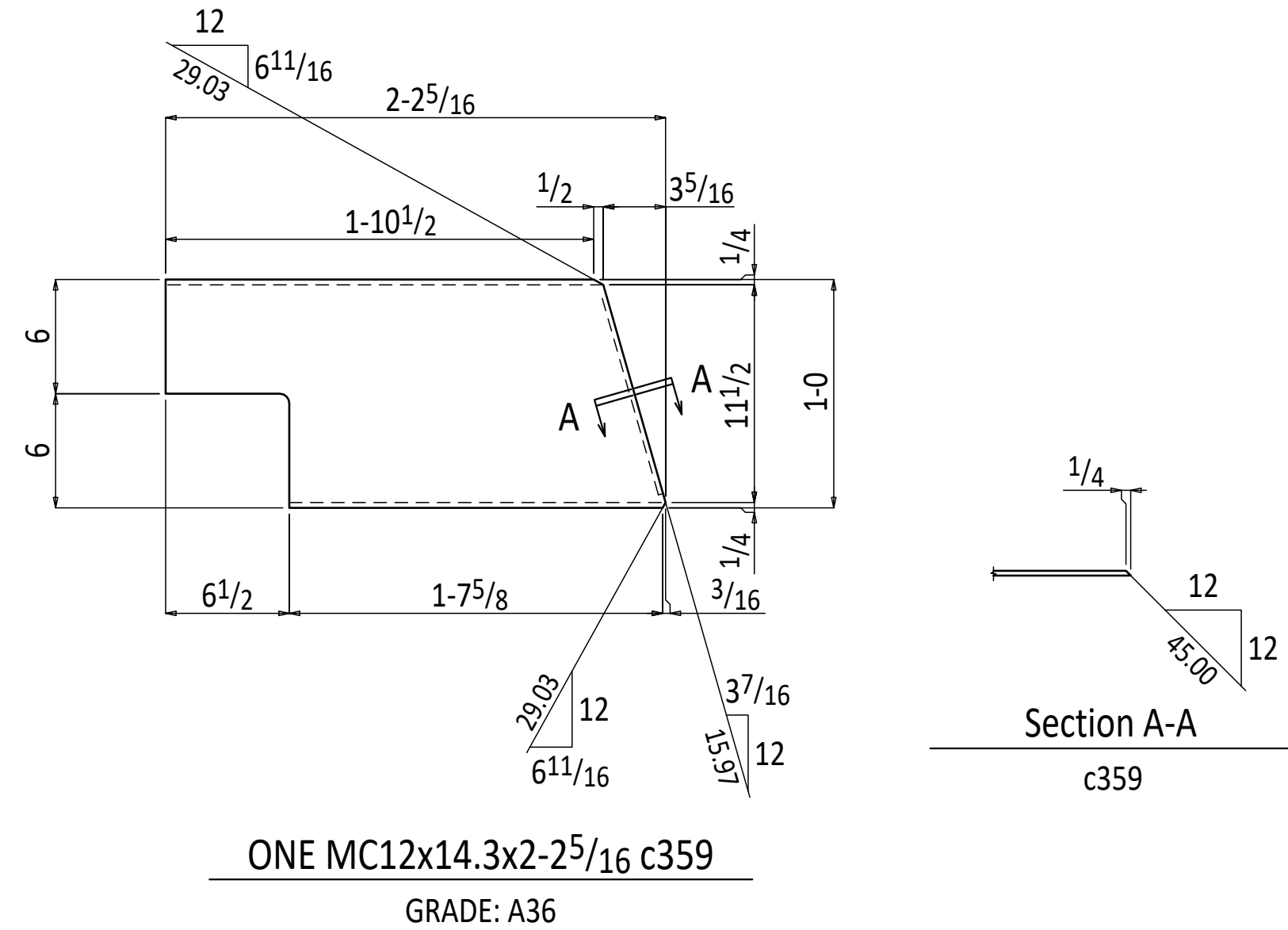
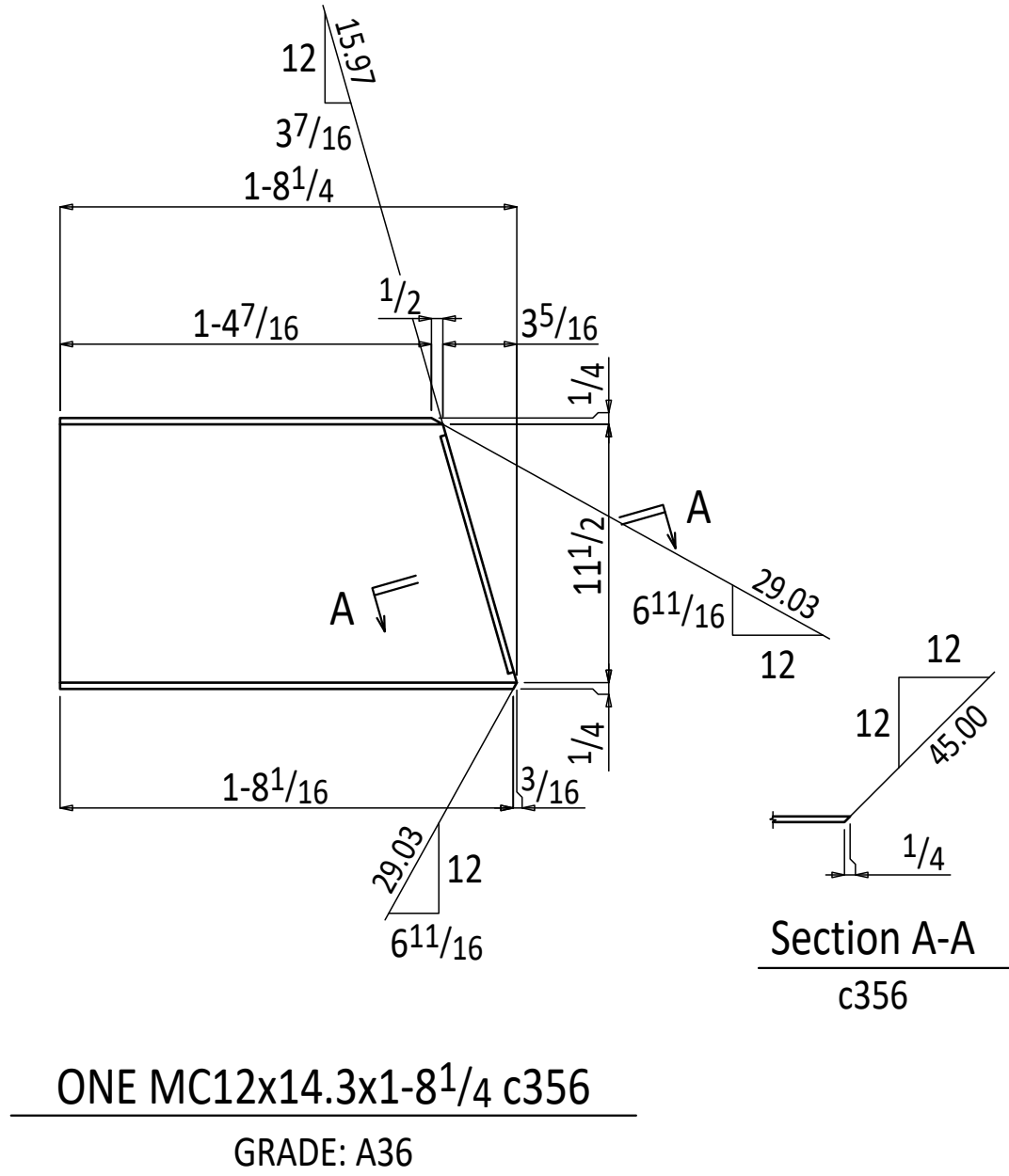
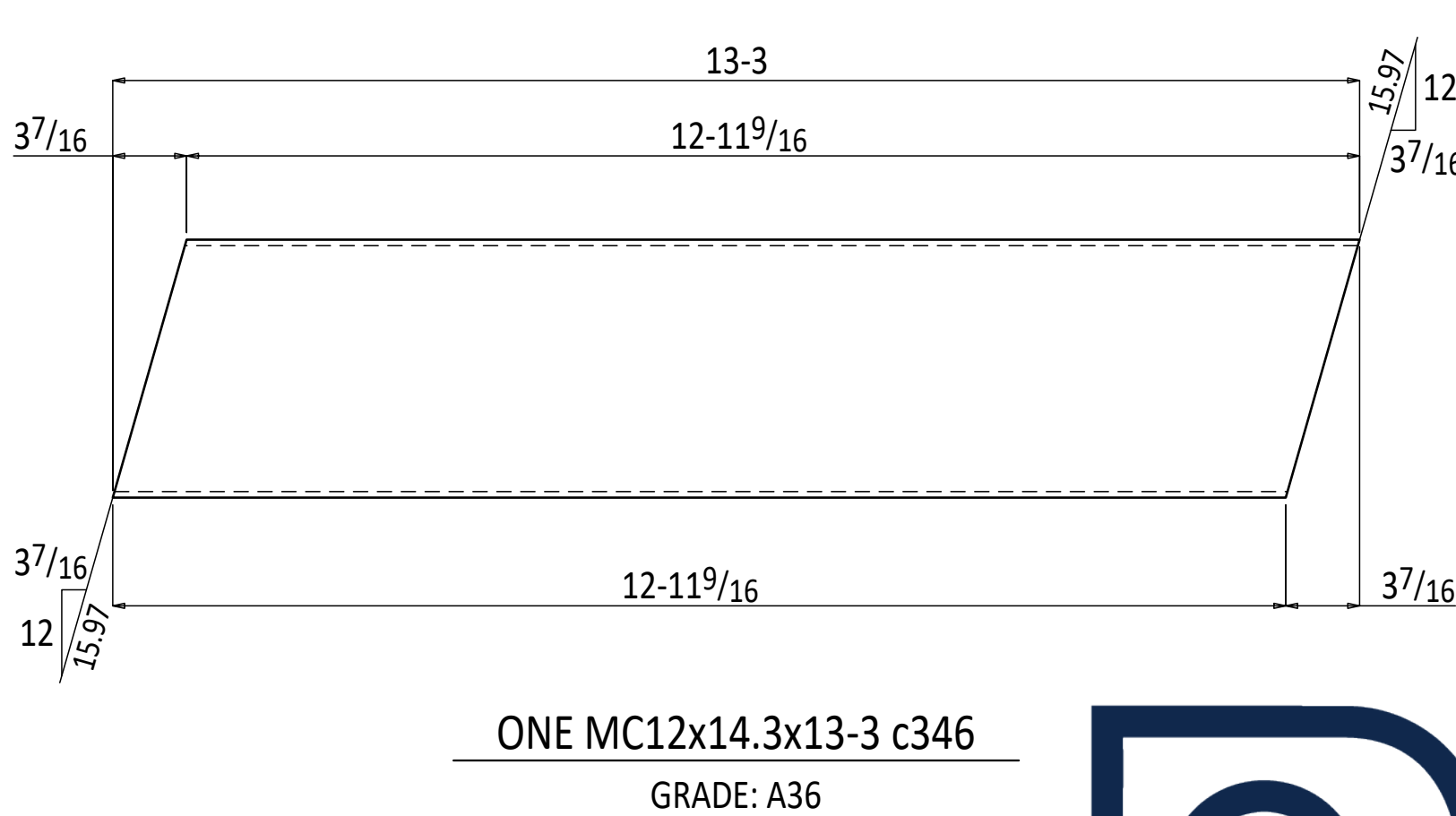
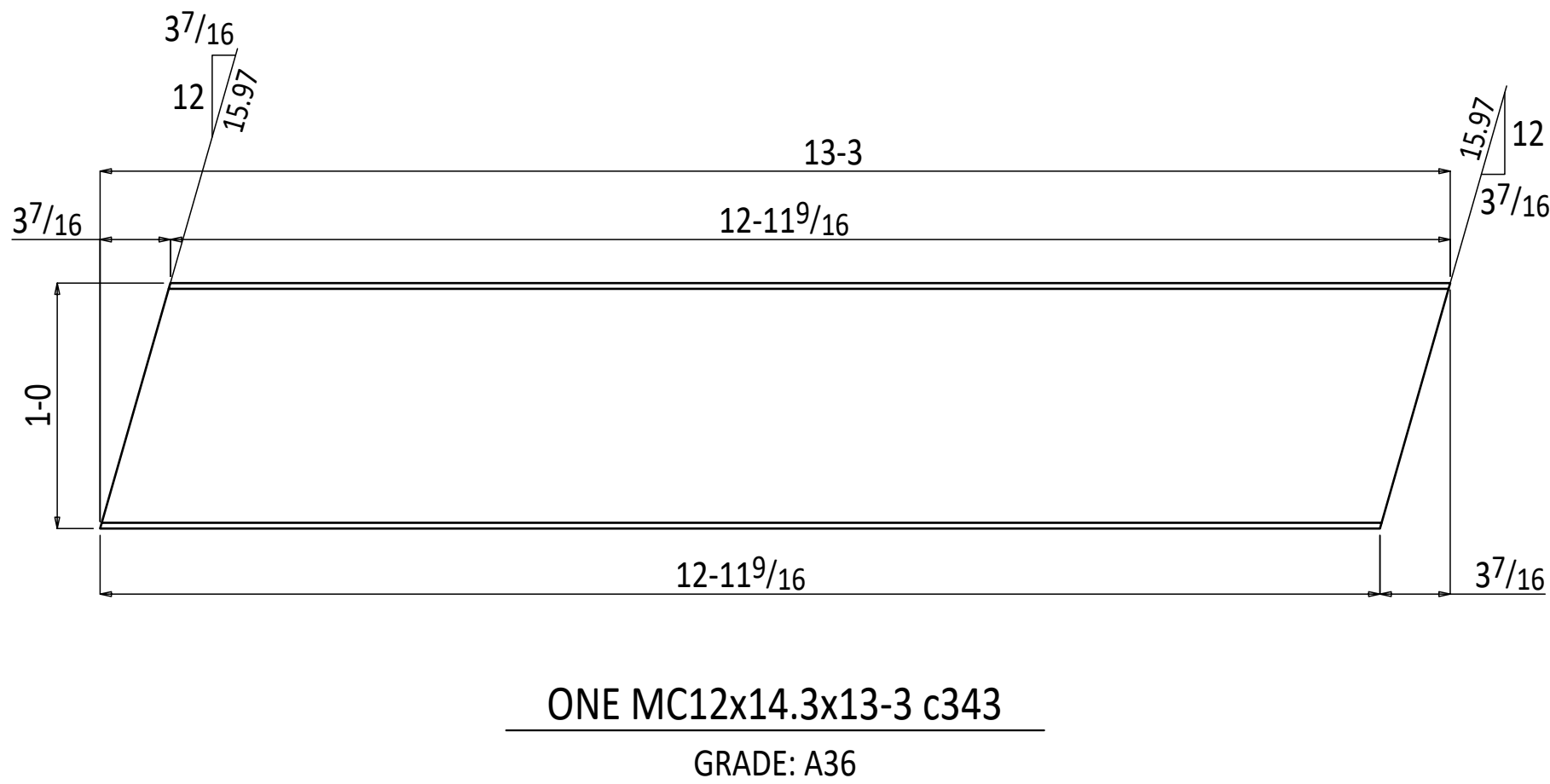
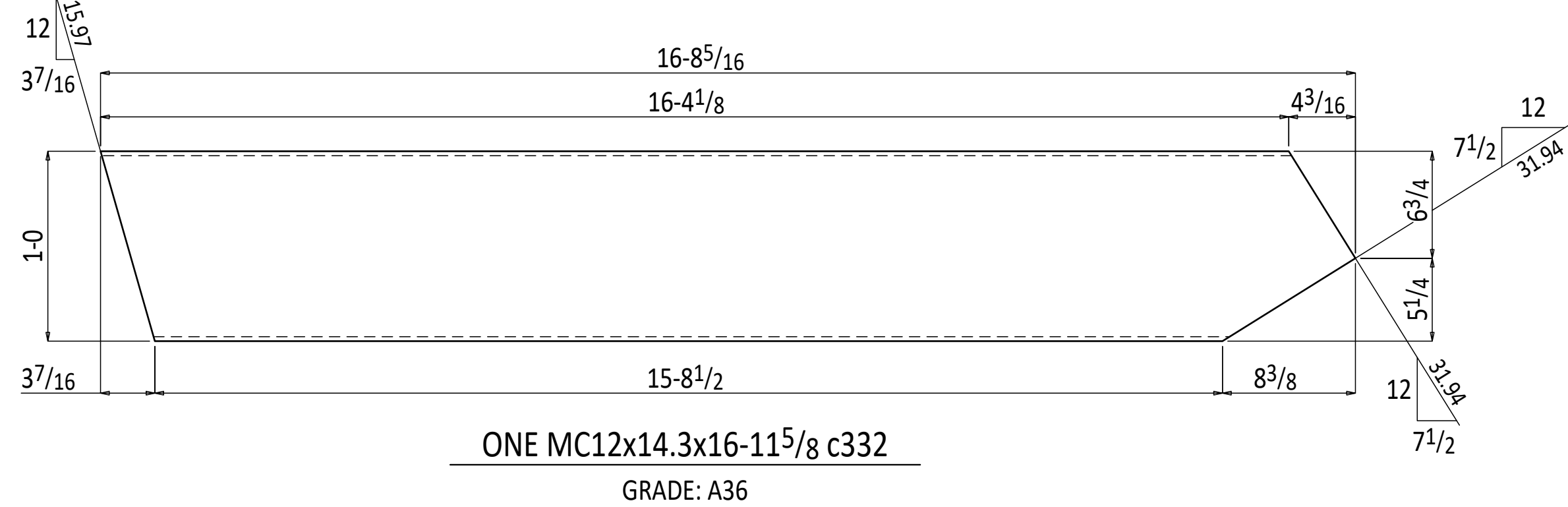
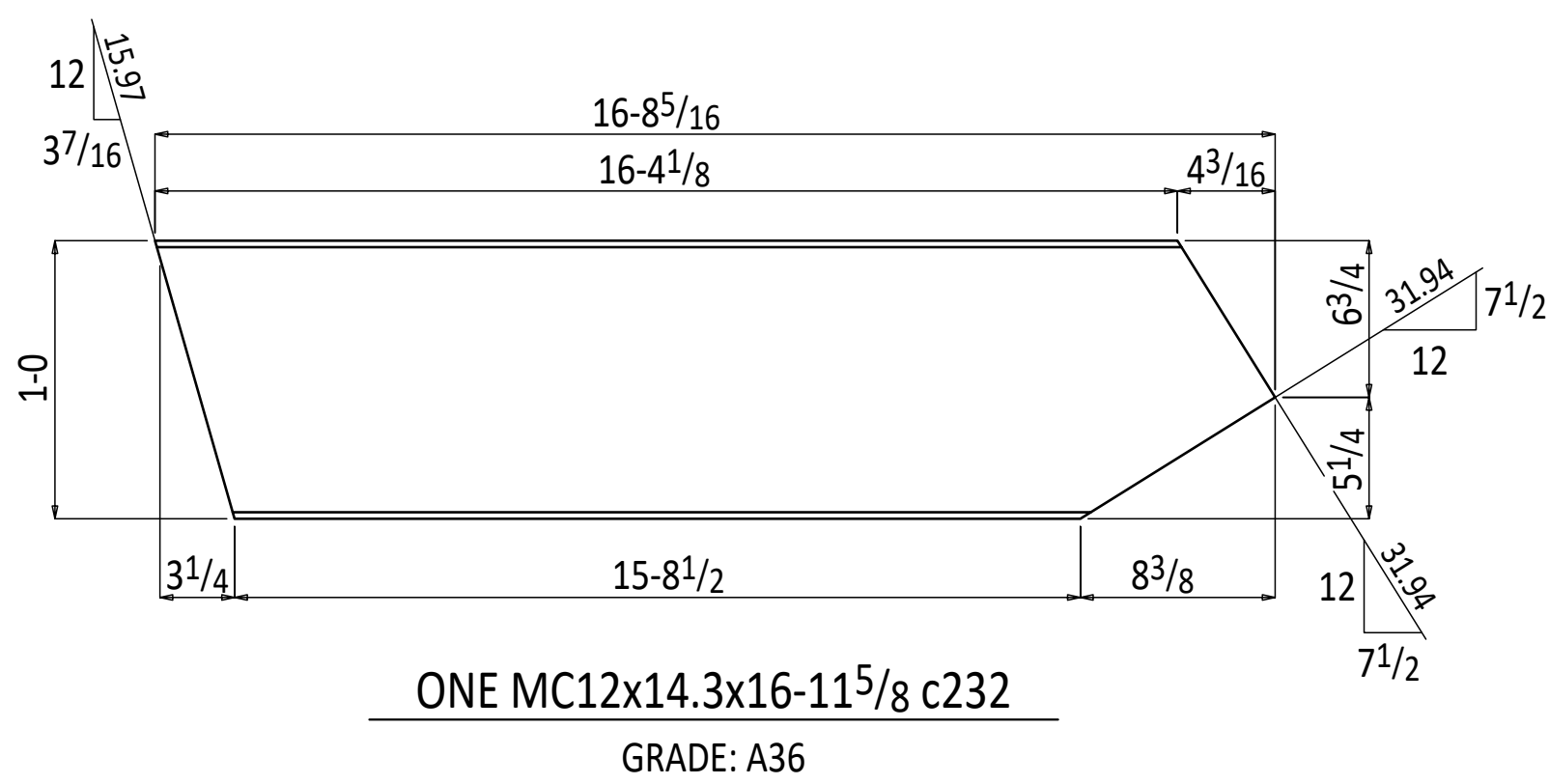
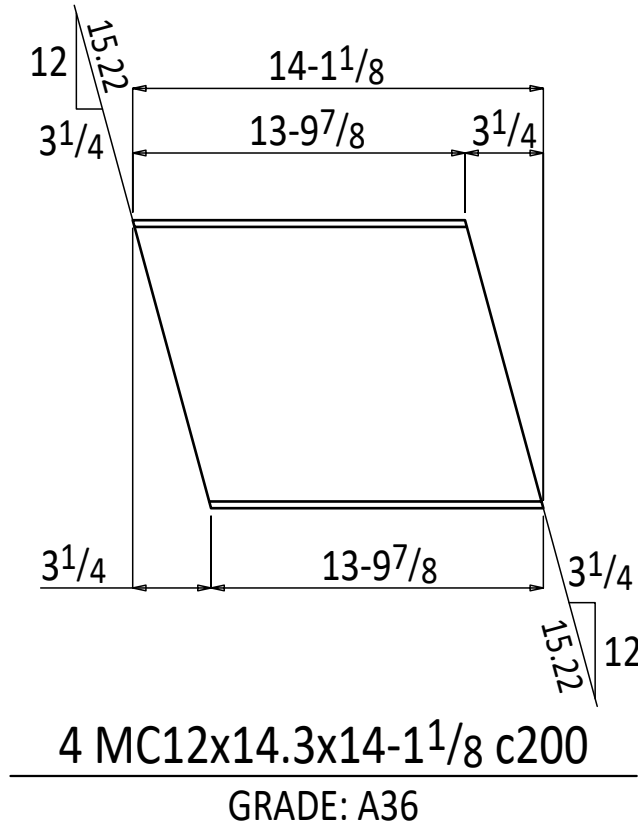
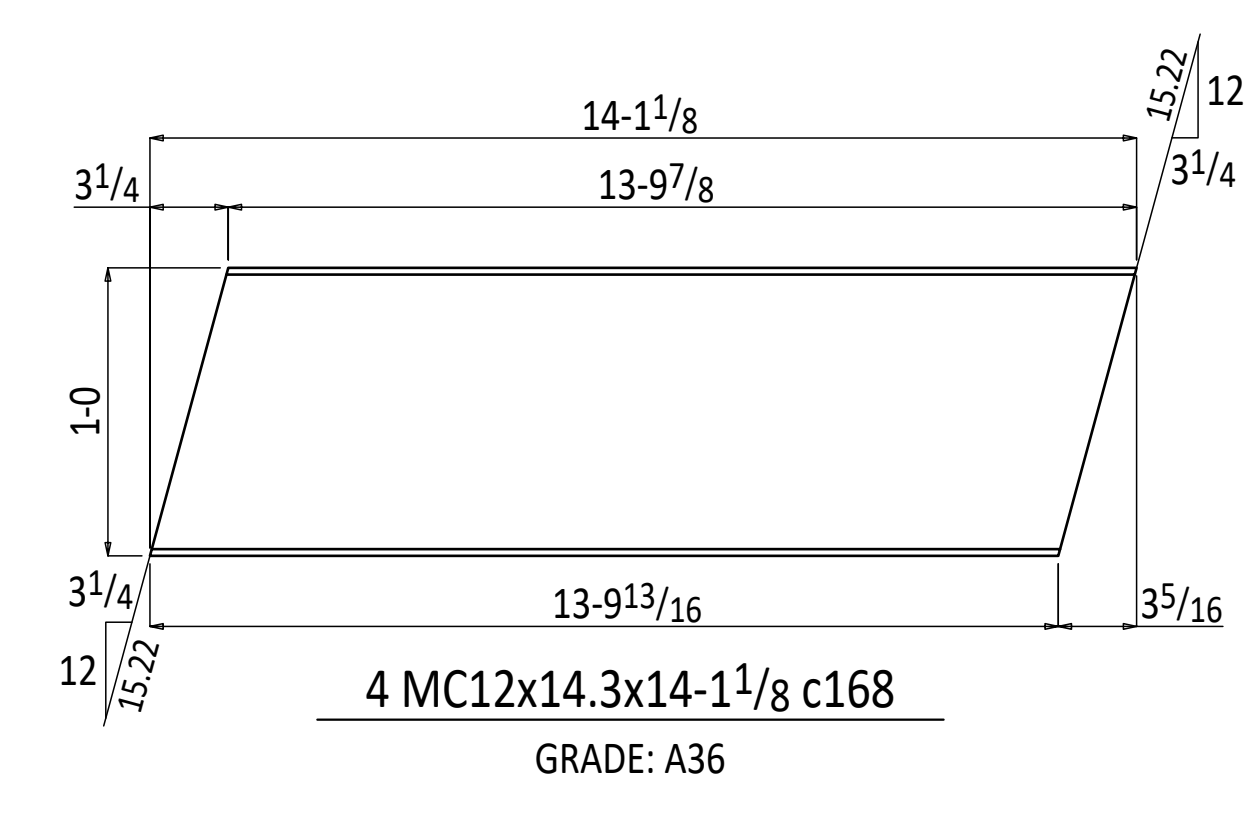


Section A-A
c98

BID ACCURATE

HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES, ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES:	ASTM A500, GRADE C
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

⬆ D	RS&H COMMENTS UPDATED	JVL	07-02-24
⬆ C	4TH FLOOR LANDING CHANGES	JVL	06-14-24
⬆ B	HEADER BEAMS UPDATION	JVL	06-13-24
⬆ A	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:	
BID ACCURATE LLC			
PROJECT NAME:		DRAWN BY: MSV	CHECKED BY: JVL
GRADE SCHOOL RENOVATION		DATE: 06-04-24	DATE: 06-04-24
4949 BLANDING BLVD.		REF. DWG:	SCALE:
JACKSONVILLE, FL		JOB NUMBER	SHEET
			REV
DESCRIPTION:			
SUBMATERIAL DETAIL		-	G4
			⬆ D



BID ACCURATE

HOLES: 13/16 Ø (U.N.O)	WELDS: E70XXLH
PAINT: ONE COAT SHOP PRIMER	SURFACE PREP: SSPC-SP3
MATERIALS:	
STEEL WF:	A992
STEEL PLATES, ANGLES & CHANNELS:	ASTM A-36
STEEL TUBES:	ASTM A500, GRADE C
BOLTS: 3/4 Ø A-325X U.N.O	
MISC:	

	RS&H COMMENTS UPDATED	JVL	07-02-24
	4TH FLOOR LANDING CHANGES	JVL	06-14-24
	HEADER BEAMS UPDATION	JVL	06-13-24
	ENGINEER COMMENTS UPDATED	JVL	06-04-24
REV	DESCRIPTION	BY	DATE
FOR APPROVAL:		TO SHOP:	TO FIELD:
R & R APPROVAL		AS BUILT:	
BID ACCURATE LLC			
PROJECT NAME: GRADE SCHOOL RENOVATION 4949 BLANDING BLVD. JACKSONVILLE, FL		DRAWN BY: MSV DATE: 06-04-24 REF. DWG: JOB NUMBER	CHECKED BY: JVL DATE: 06-04-24 SCALE: NTS SHEET REV
DESCRIPTION: SUBMATERIAL DETAIL		-	G5
			