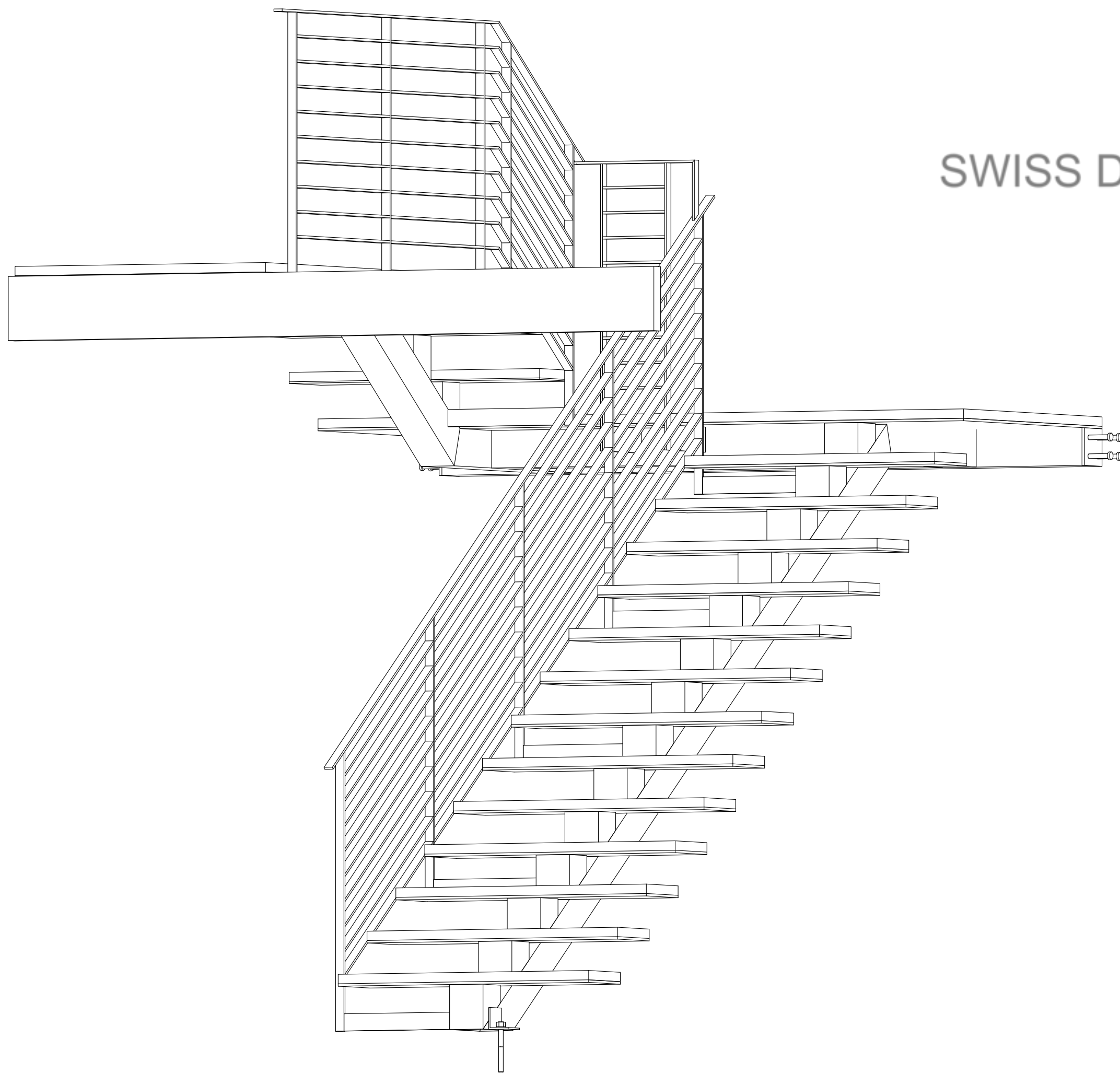


4642 LONGBOW ROAD
JACKSONVILLE, FL 32210
STEEL STAIR SHOP DRAWINGS



SWISS DRAFTING,CA (323)-286-0872

1 ISOMETRIC VIEW
ST-01

SCALE: 3/4" = 1' - 0"

2 MATERIAL LIST
ST-01

Quantity	Mark	Description	Length	Grade	Part weight	Total weight
			(inch)		pound	pound
HSS 6X6X1/2						
14	b1	HSS 6X6X1/2	0'-7 3/16"	A36	21.01	294.11
1	b2	HSS 6X6X1/2	14'-4 3/16"	A36	505.22	505.22
1	b3	HSS 6X6X1/2	9'-7"	A36	337.44	337.44
1	b4	HSS 6X6X1/2	6'-2 11/16"	A36	219.11	219.11
1	b5	HSS 6X6X1/2	5'-5"	A36	190.72	190.72
1	b6	HSS 6X6X1/2	3'-7 15/16"	A36	128.96	128.96
1	b7	HSS 6X6X1/2	3'-2 7/8"	A36	113.99	113.99
1	b8	HSS 6X6X1/2	2'-7"	A36	90.96	90.96
1	b9	HSS 6X6X1/2	0'-7 5/16"	A36	21.42	21.42
1	b10	HSS 6X6X1/2	0'-7 1/4"	A36	21.31	21.31
1	b11	HSS 6X6X1/2	0'-7 3/16"	A36	21.00	21.00
24	TOTAL	TOTAL	55' 2 5/8"			1,944.24
L3-1/2X3-1/2X1/4						
1	b12	L3-1/2X3-1/2X1/4	0'-3 15/16"	A36	1.90	1.90
1	TOTAL	TOTAL	3 15/16"			1.90
FL 3/8X1 1/2						
1	b13	FL 3/8X1 1/2	0'-9 5/8"	A36	1.53	1.53
36	m1	FL 3/8X1 1/2	3'-2"	A36	6.07	218.37
18	m2	FL 3/8X1 1/2	2'-8 3/16"	A36	5.14	92.49
9	m3	FL 3/8X1 1/2	2'-2 11/16"	A36	4.26	38.34
9	m4	FL 3/8X1 1/2	0'-11 1/8"	A36	1.78	15.99
9	m5	FL 3/8X1 1/2	0'-4 15/16"	A36	0.79	7.13
9	m6	FL 3/8X1 1/2	0'-4 7/8"	A36	0.78	7.00
5	m7	FL 3/8X1 1/2	3'-8 11/16"	A36	7.13	35.64
3	m8	FL 3/8X1 1/2	3'-9 13/16"	A36	7.31	21.92
1	m11	FL 3/8X1 1/2	3'-0 15/16"	A36	5.90	5.90
1	m12	FL 3/8X1 1/2	1'-9 11/16"	A36	3.46	3.46
1	M1	FL 3/8X1 1/2	13'-6 7/8"	A36	25.98	25.98
2	M2	FL 3/8X1 1/2	3'-8 11/16"	A36	7.13	14.26
1	M3	FL 3/8X1 1/2	6'-3 1/4"	A36	12.00	12.00
2	M4	FL 3/8X1 1/2	3'-9 13/16"	A36	7.31	14.62
107	TOTAL	TOTAL	268' 10 1/8"			514.64
PL 1/4"						
7	p1	PL 1/4"x2-3/4"x1'-9"	1'-9"	A36	4.09	28.66
3	p3	PL 1/4"x4"x1'-9"	1'-9"	A36	5.96	17.87
2	s2	PL 1/4"x11"x3'-9"	3'-9"	A36	35.10	70.19
1	s3	PL 1/4"x45"x7'-2"	7'-2"	A36	274.48	274.48
13	TOTAL	TOTAL				391.20
PL 1/2"						
3	p2	PL 1/2"x6"x0'-6"	0'-6"	A36	5.10	15.31
3	TOTAL	TOTAL				15.31
PL 3/8"						
2	p4	PL 3/8"x4"x1'-0"	1'-0"	A36	5.10	10.21
13	s1	PL 3/8"x11"x3'-9"	3'-9"	A36	55.27	718.49
1	S1	PL 3/8"x48"x9'-8"	9'-8"	A36	621.68	621.68
16	TOTAL	TOTAL				1,350.38
Connectors						
4	2	3/4"ø Nelson S3L-Inch	0'-2"	Mild Steel	0.33	1.34
8	1	3/4"ø Nelson S3L-Inch	0'-4"	Mild Steel	0.58	4.68
12	TOTAL	TOTAL				6.01
TOTAL QUANTITY			176			
TOTAL WEIGHT			4,223.69	pound		

GENERAL NOTES

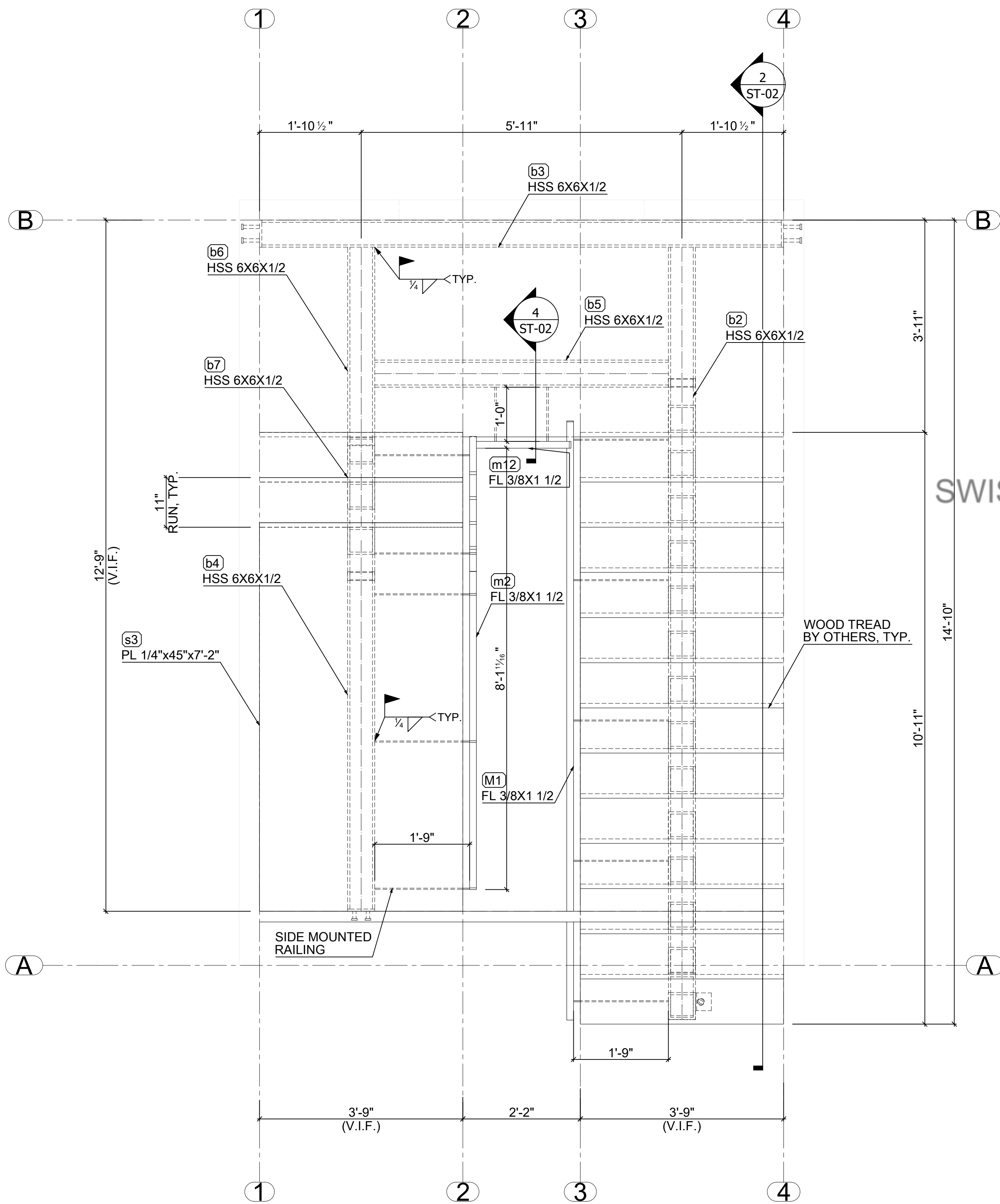
- 1- SEE MATERIAL LIST STEEL GRADE
2- ALL WELDING STRENGTH TO BE 3/16" -1/4"
3- ALL PLATE THICKNESSES AS PER THE MATERIAL LIST
4- ALL DIMENSIONS TO BE VERIFIED IN FIELD PRIOR TO FABRICATION

REVISIONS:

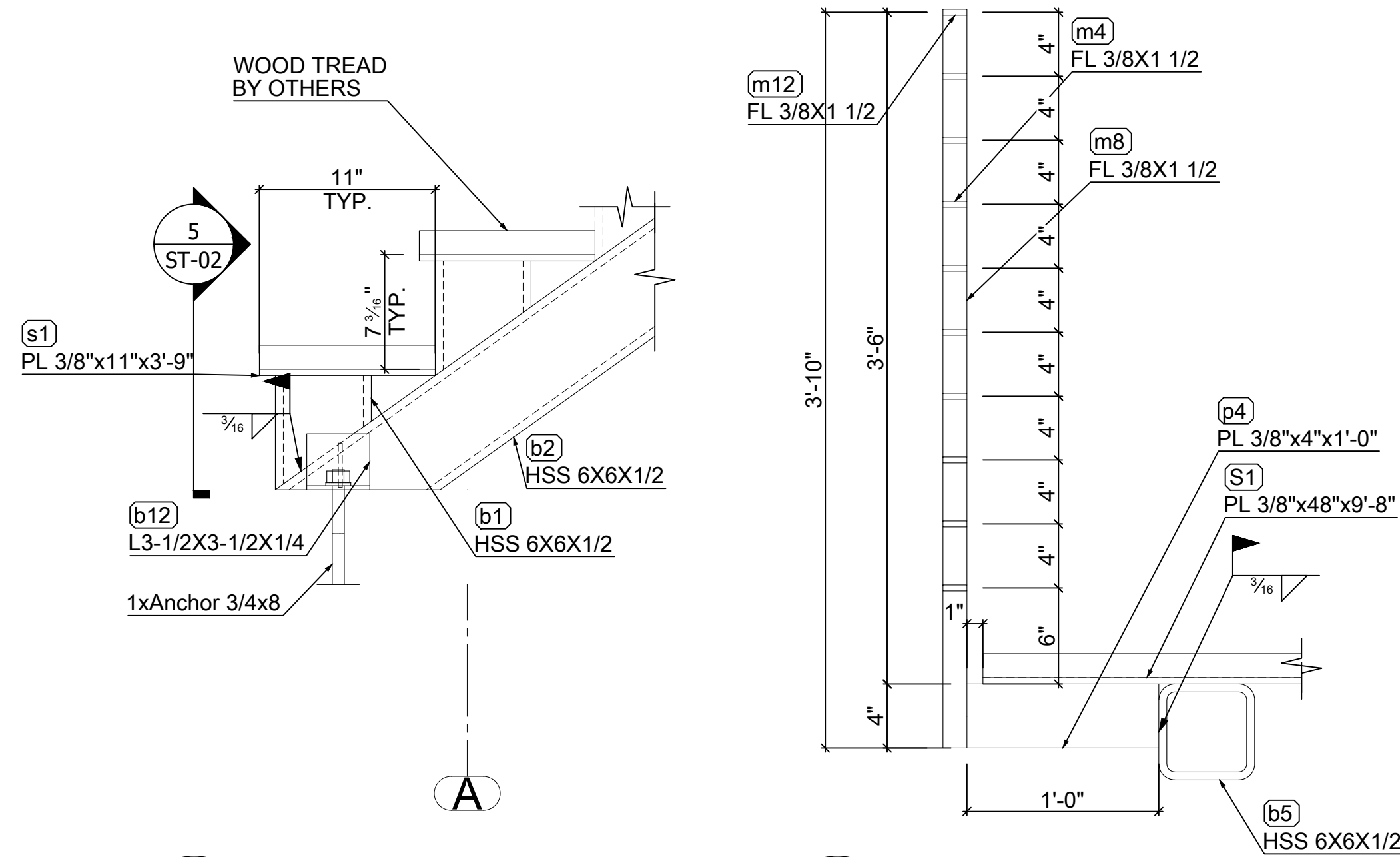
PRIVATE RESIDENCE
4642 LONGBOW ROAD
JACKSONVILLE, FL 32210
STEEL STAIR SHOP DRAWINGS

DATE : 11/28/25
DRAWN BY : KP
CHECKED BY : EG

PROJECT DRAWING
ST-01

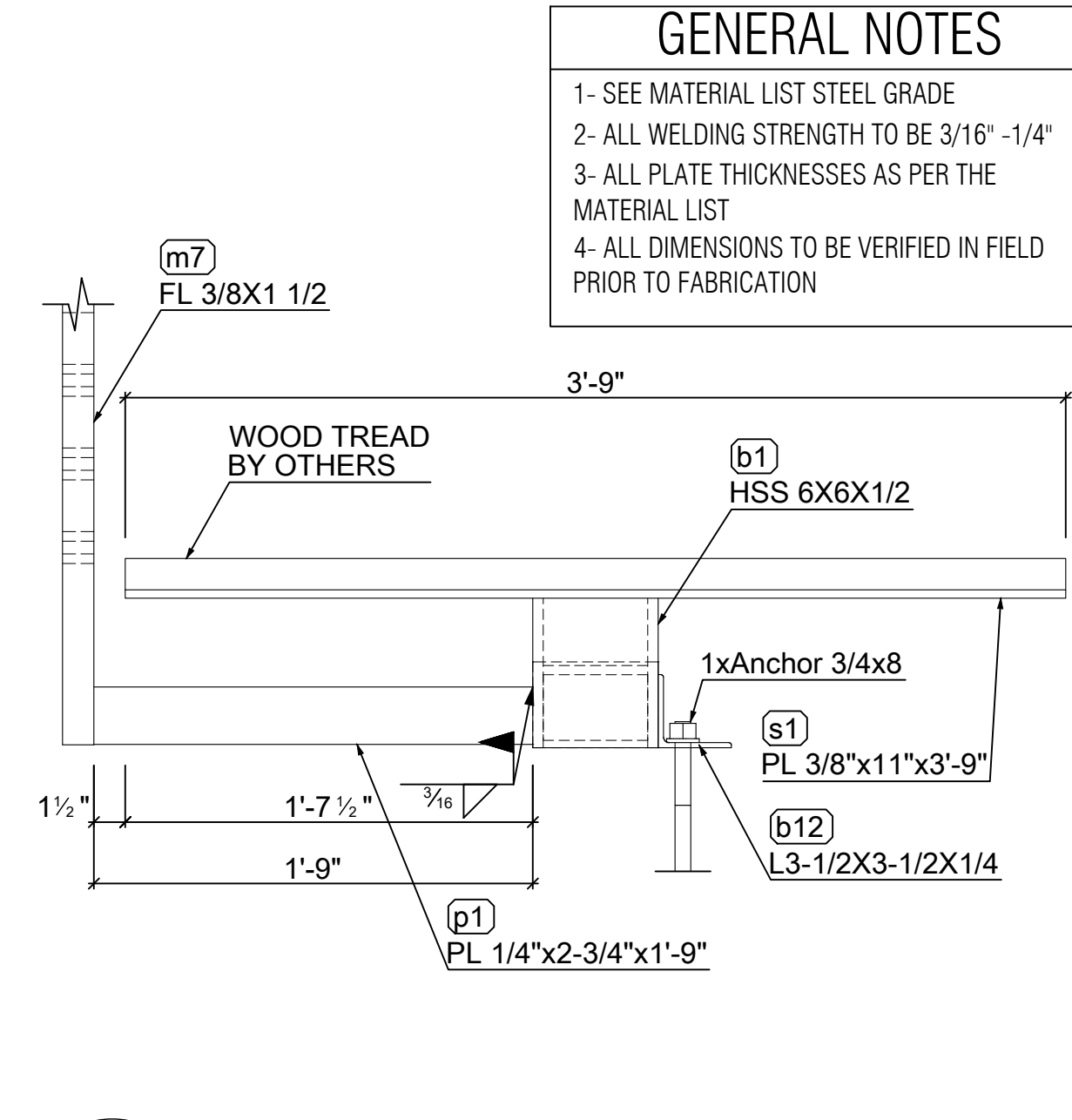


1 STEEL STAIR PLAN VIEW
SCALE: 3/4" = 1' - 0"

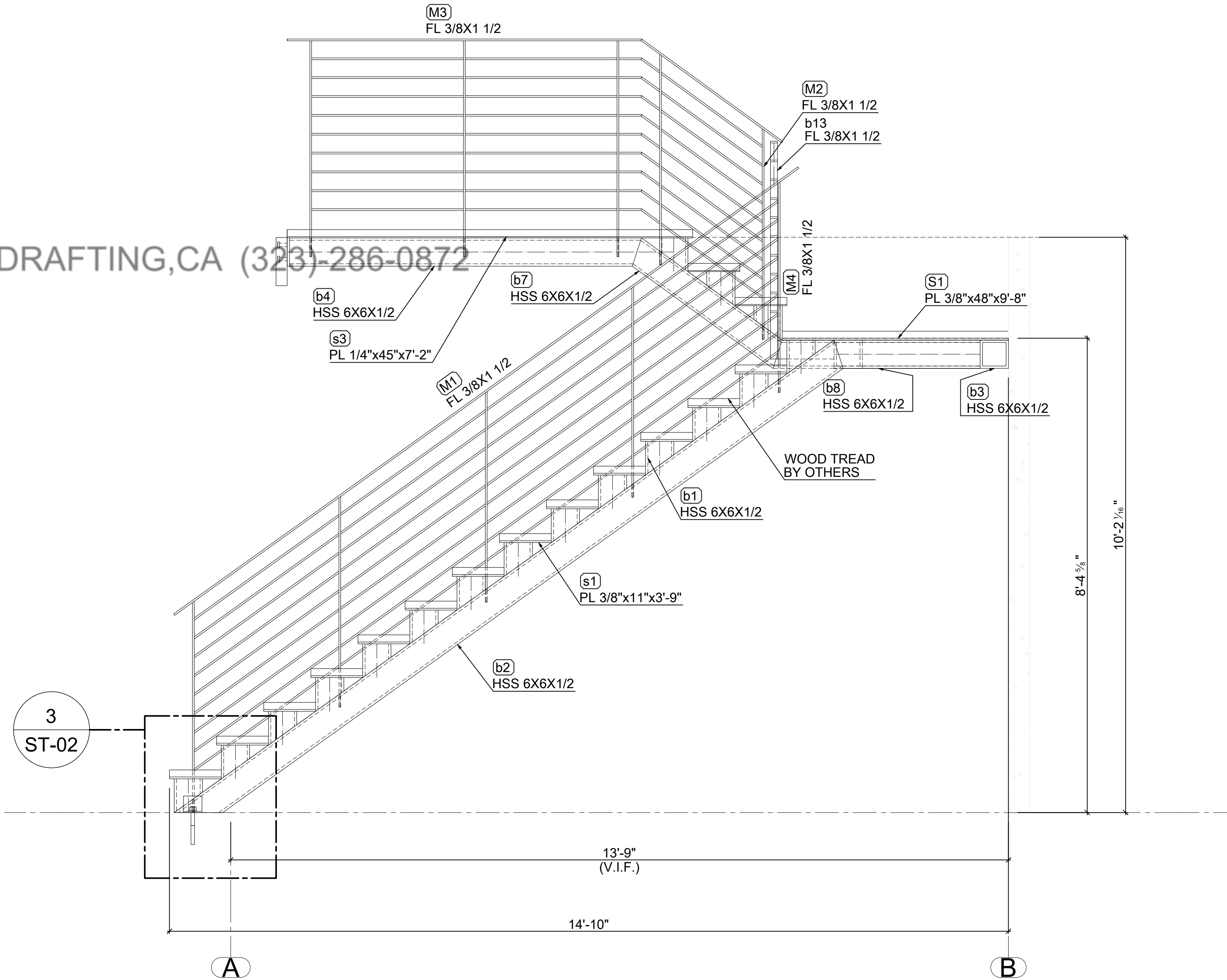


3 ENLARGED SECTION DETAIL
SCALE: 1 1/2" = 1' - 0"

4 ENLARGED SECTION DETAIL
SCALE: 1 1/2" = 1' - 0"



5 ENLARGED SECTION DETAIL
SCALE: 1 1/2" = 1' - 0"



2 STEEL STAIR ELEVATION
SCALE: 3/4" = 1' - 0"

GENERAL NOTES

- 1- SEE MATERIAL LIST STEEL GRADE
- 2- ALL WELDING STRENGTH TO BE 3/16" -1/4"
- 3- ALL PLATE THICKNESSES AS PER THE MATERIAL LIST
- 4- ALL DIMENSIONS TO BE VERIFIED IN FIELD PRIOR TO FABRICATION

REVISIONS:

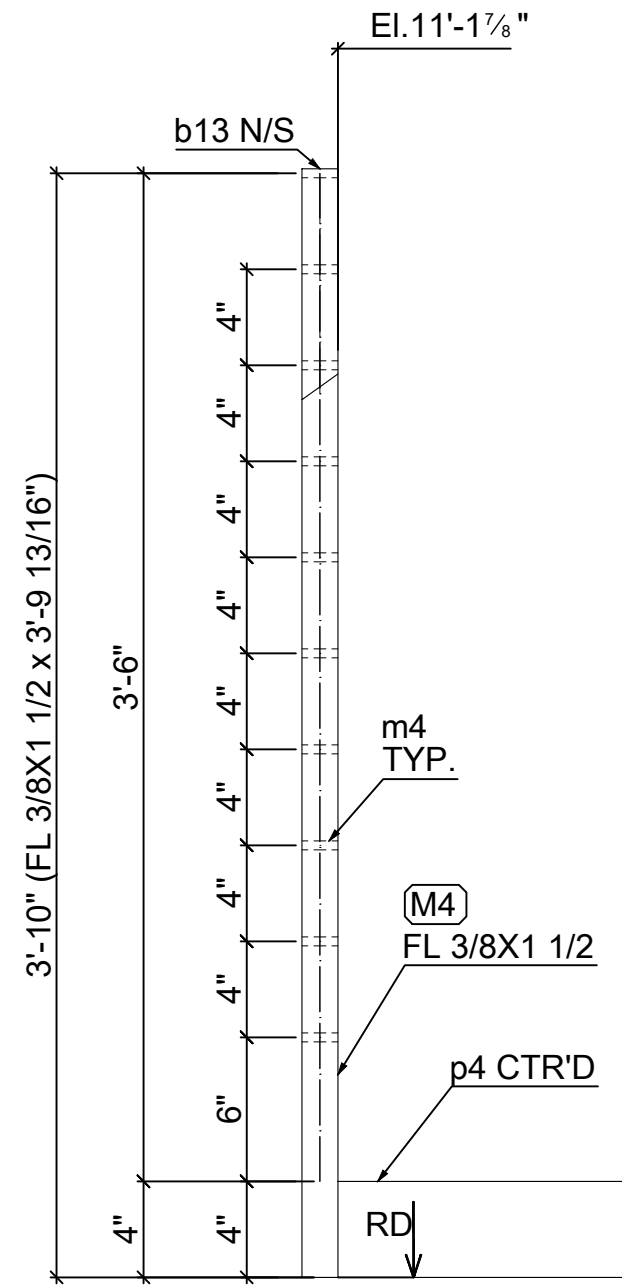
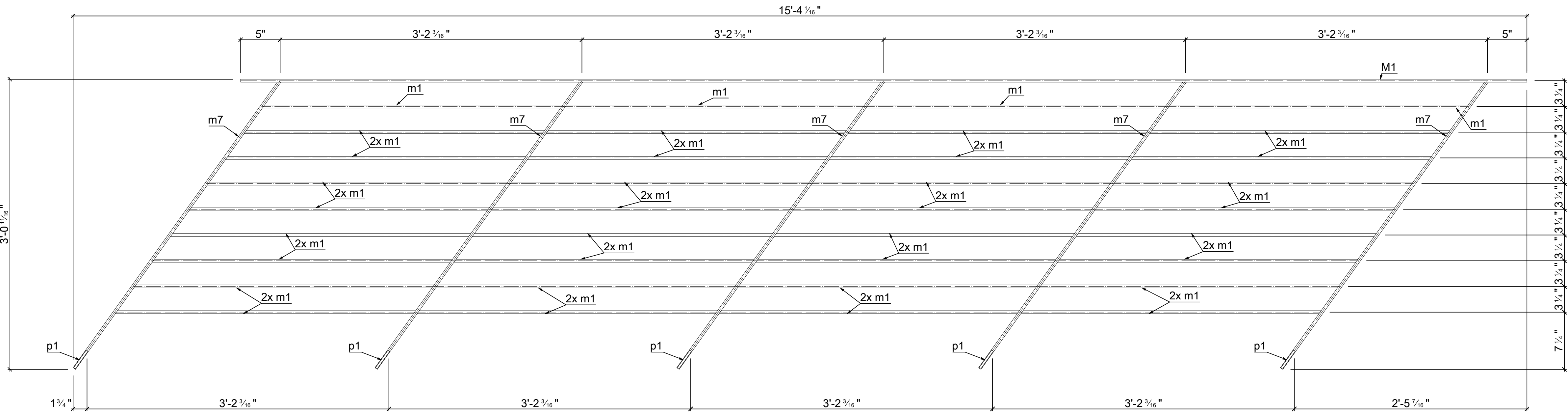
PRIVATE RESIDENCE

4642 LONGBOW ROAD
JACKSONVILLE, FL 32210
STEEL STAIR SHOP DRAWINGS

DATE: 11/28/25
DRAWN BY: KP
CHECKED BY: EG

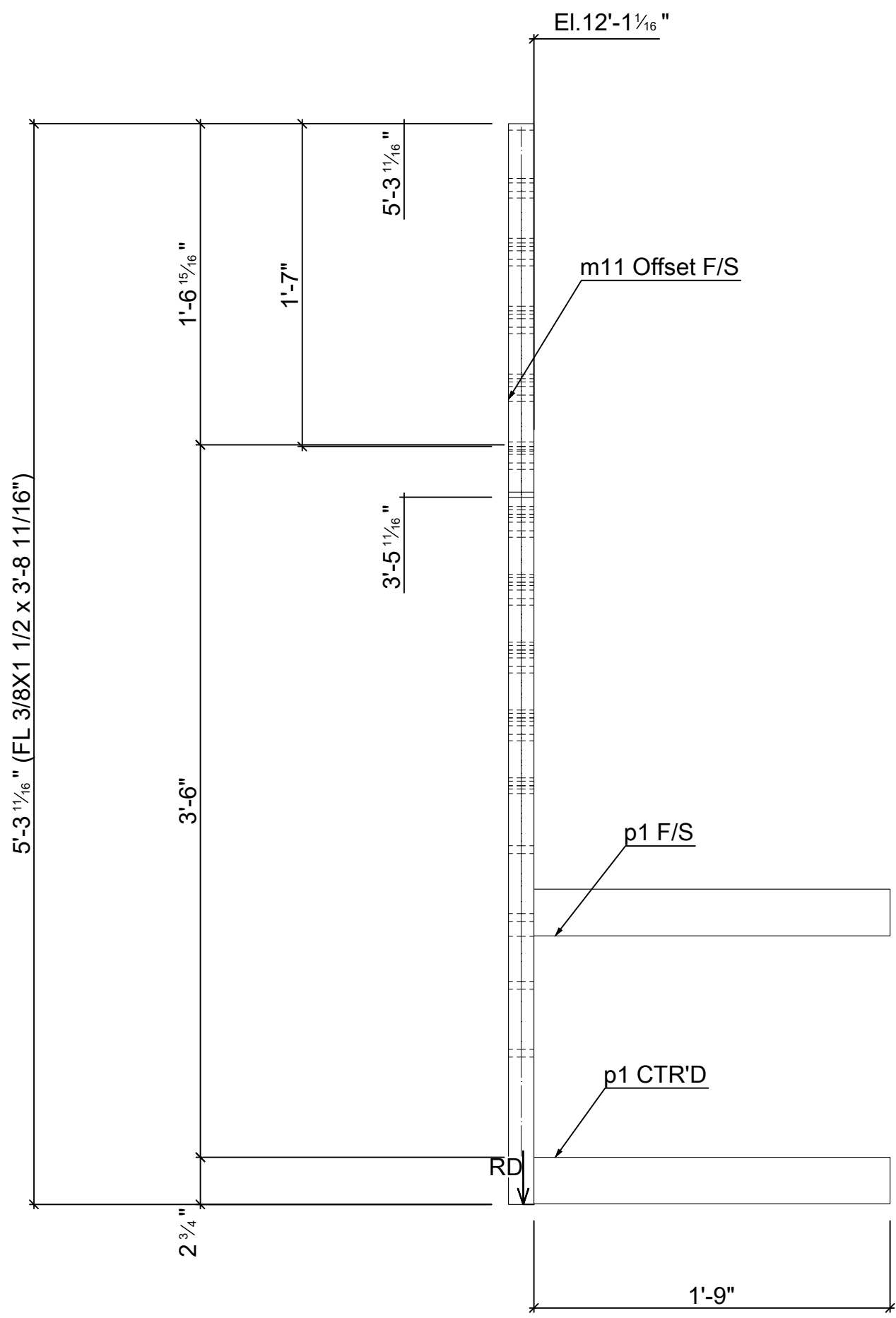
PROJECT DRAWING

ST-02

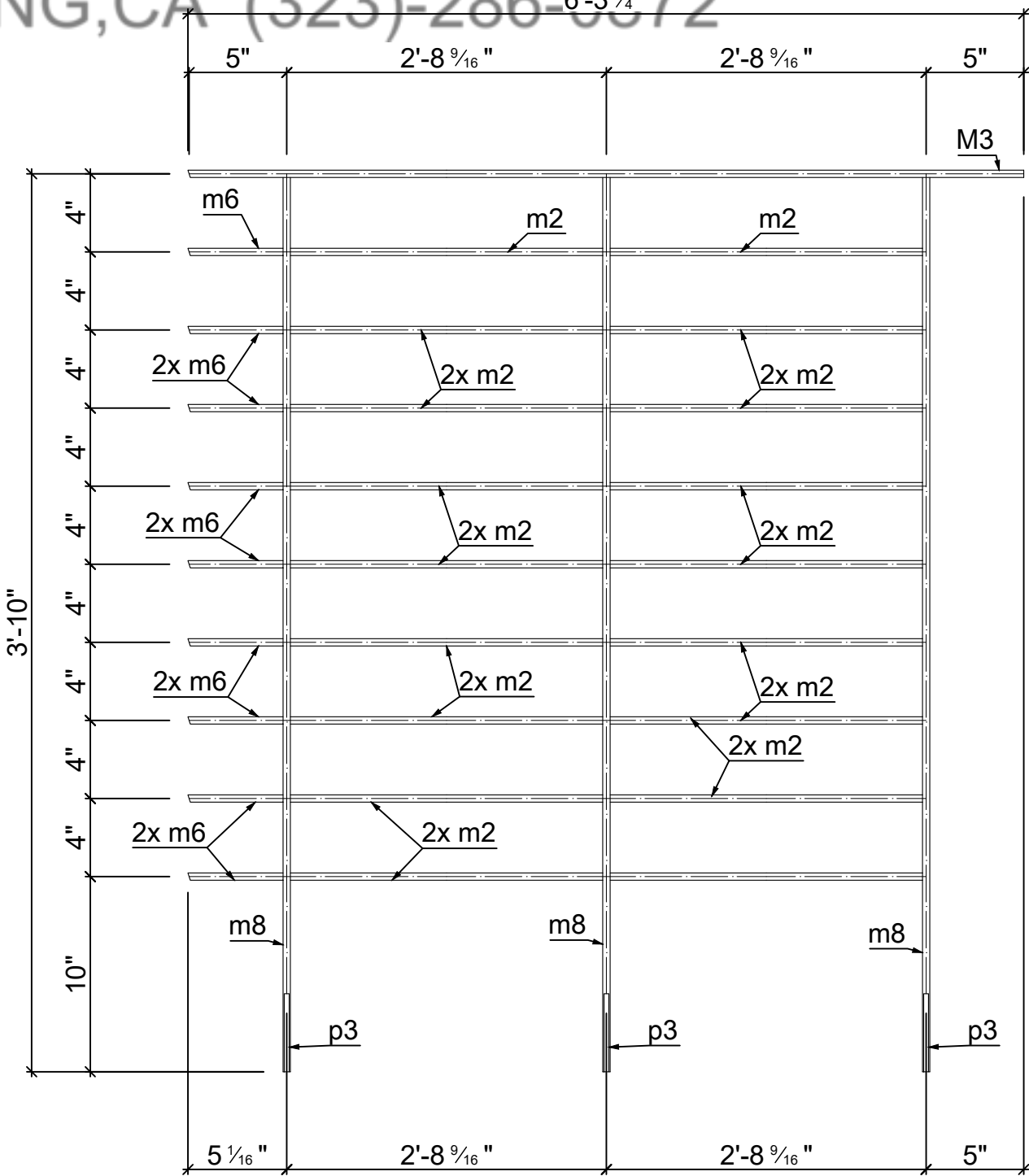
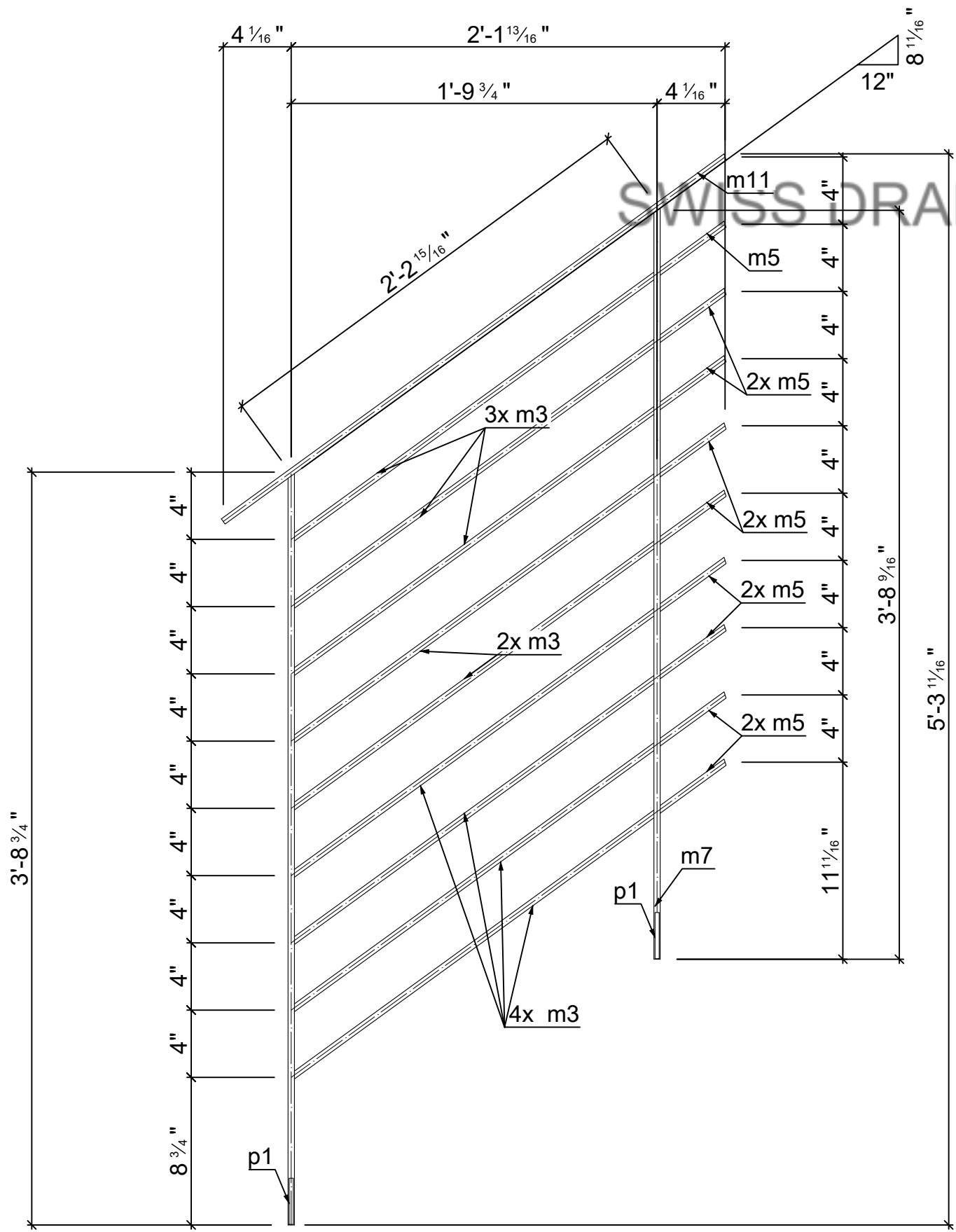


- GENERAL NOTES**
- 1- SEE MATERIAL LIST STEEL GRADE
 - 2- ALL WELDING STRENGTH TO BE 3/16" -1/4"
 - 3- ALL PLATE THICKNESSES AS PER THE MATERIAL LIST
 - 4- ALL DIMENSIONS TO BE VERIFIED IN FIELD PRIOR TO FABRICATION

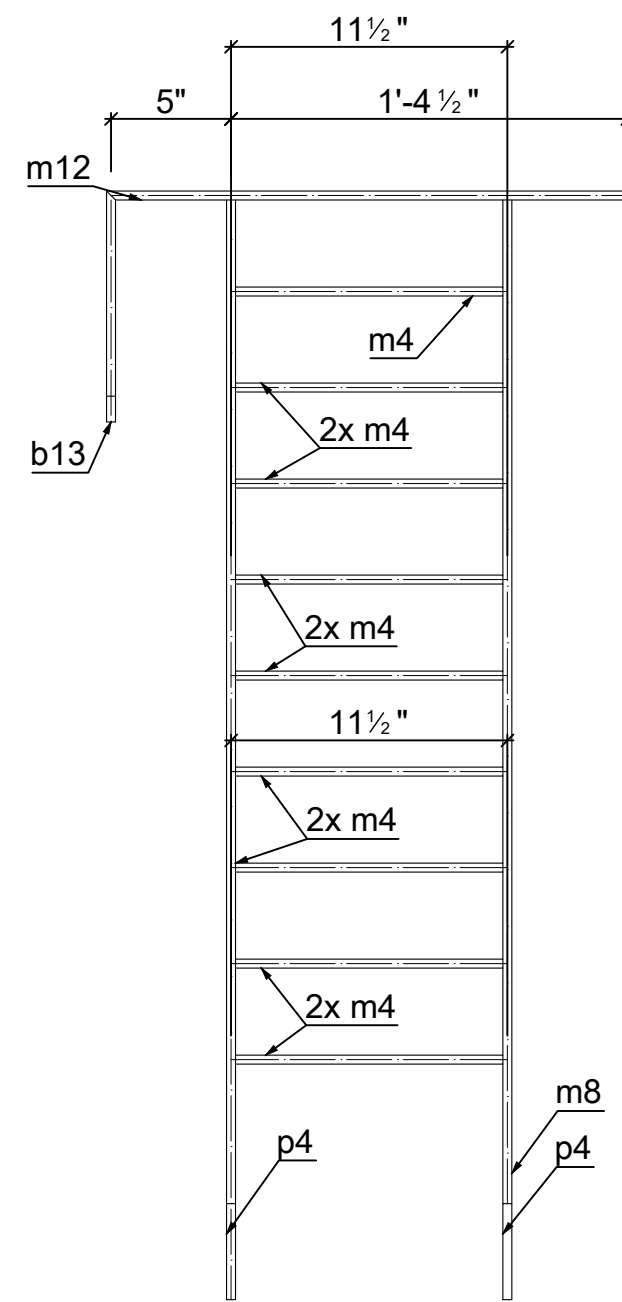
1 - **M1** FL 3/8X1 1/2



1 - **M2** FL 3/8X1 1/2
d=1 1/2" b= 3/8" t=0" w= 3/8" k=0"

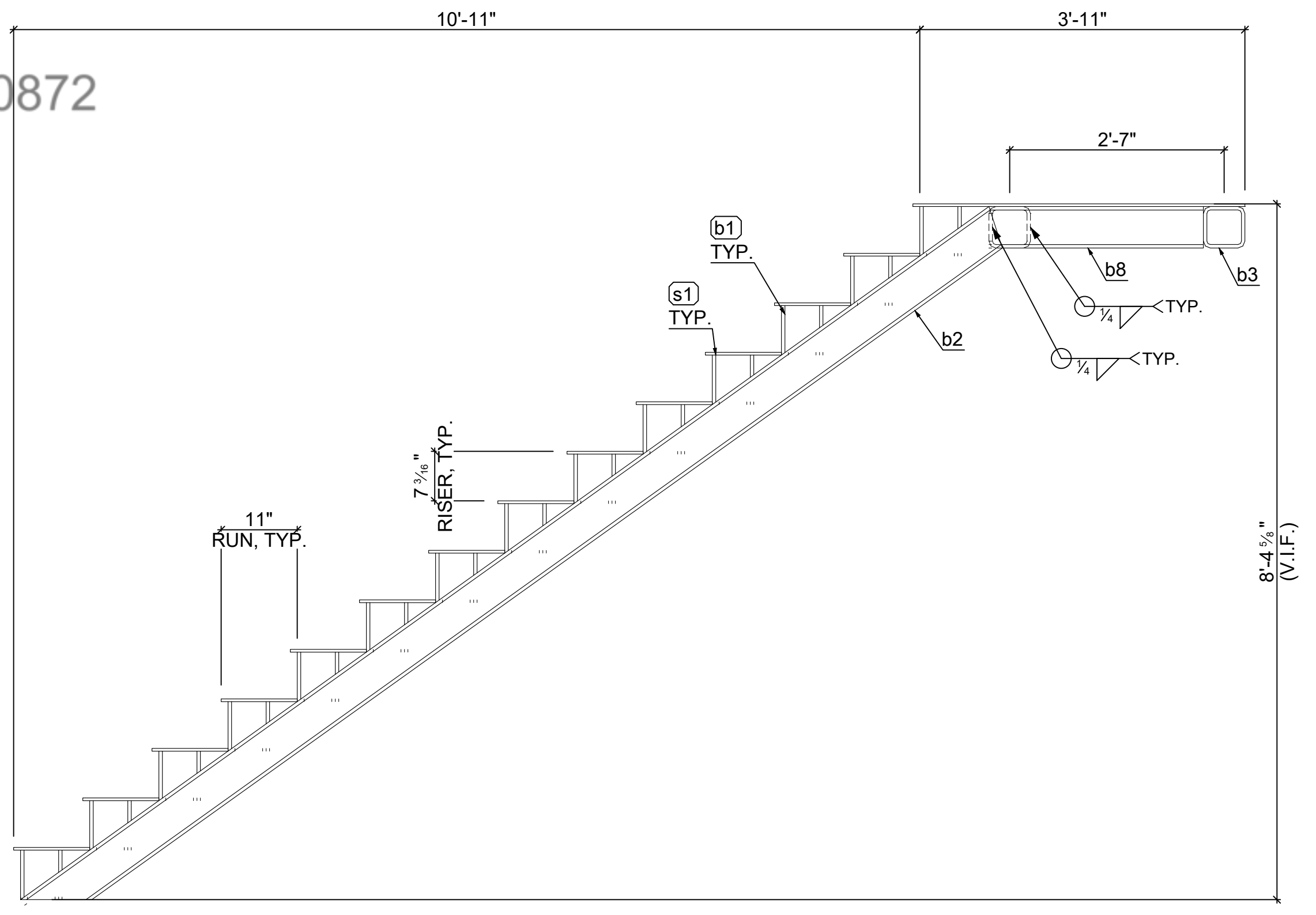
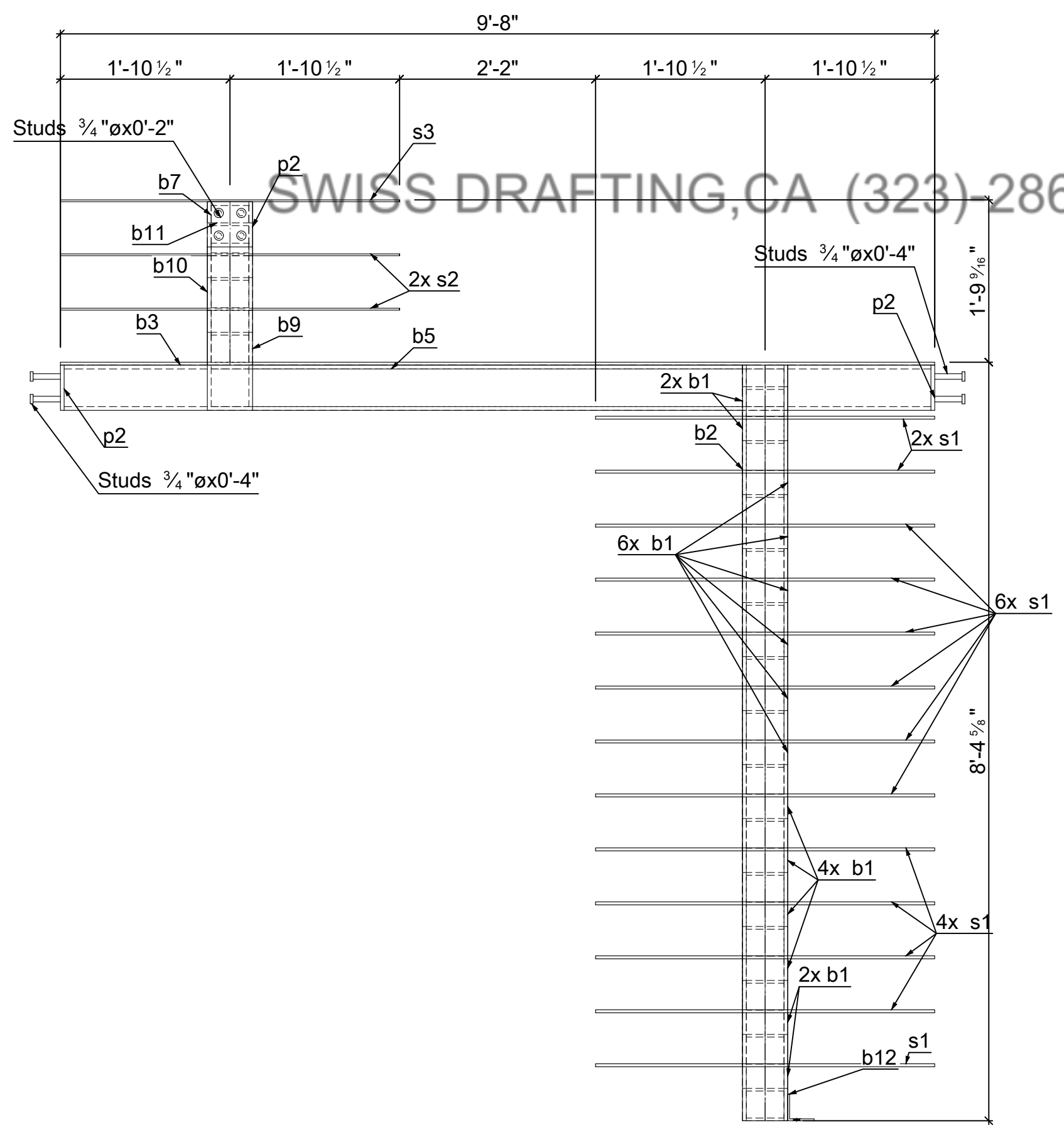
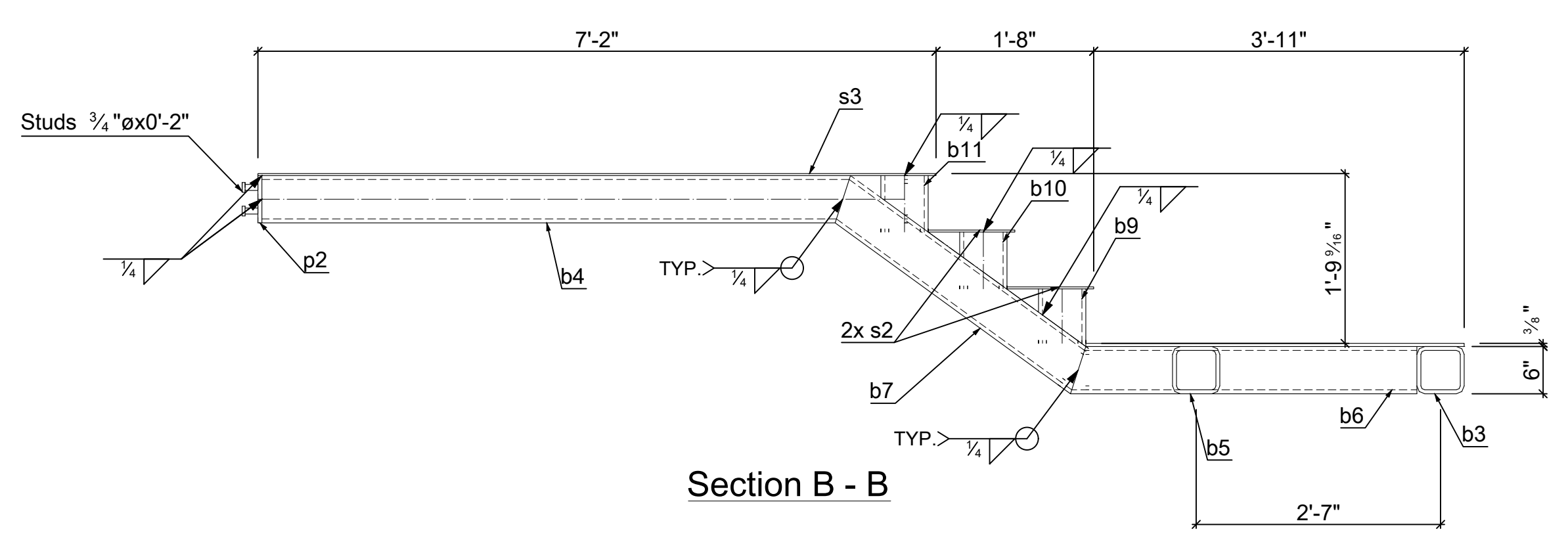
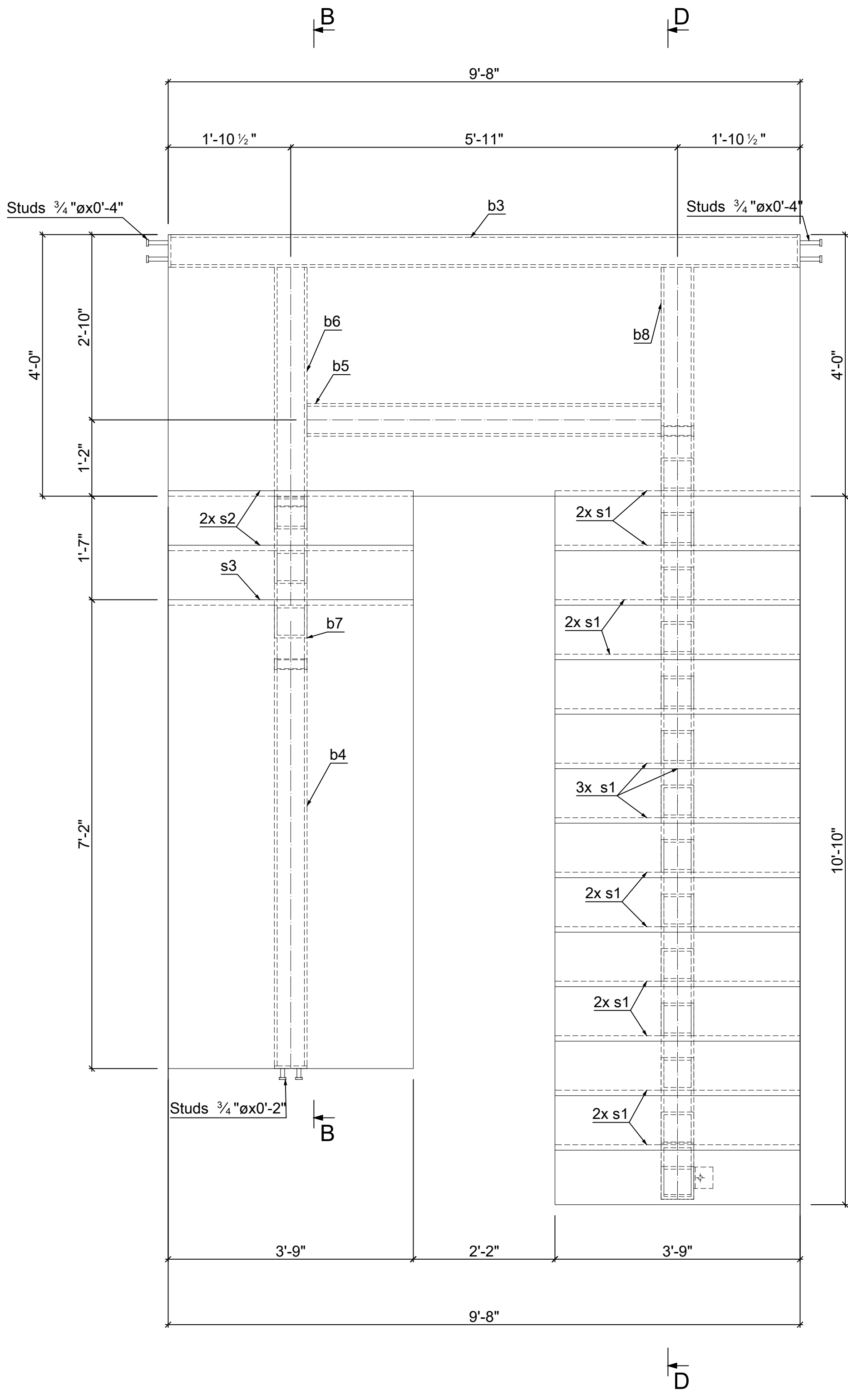


1 - **M3** FL 3/8X1 1/2



1 - **M4** FL 3/8X1 1/2
d=1 1/2" b= 3/8" t= 3/8" k=

Mark	Quantity	Description	Length	Grade	Part weight	Total weight
M1	1	Railing Handrail Stair				
M1	1	FL 3/8X1 1/2	13'-6 7/8"	A36	25.98	25.98
m7	5	FL 3/8X1 1/2	3'-8 11/16"	A36	7.13	35.64
m1	36	FL 3/8X1 1/2	3'-2"	A36	6.07	218.37
p1	5	PL 1/4"x2-3/4"x1'-9"	1'-9"	A36	4.09	20.47
	47				300.47	300.47
M2	1	Railing Post Stair				
M2	2	FL 3/8X1 1/2	3'-8 11/16"	A36	7.13	14.26
m11	1	FL 3/8X1 1/2	3'-0 15/16"	A36	5.90	5.90
m3	9	FL 3/8X1 1/2	2'-2 11/16"	A36	4.26	38.34
p1	2	PL 1/4"x2-3/4"x1'-9"	1'-9"	A36	4.09	8.19
m5	9	FL 3/8X1 1/2	0'-4 15/16"	A36	0.79	7.13
	23				73.81	73.81
M3	1	Railing Handrail Landing				
M3	1	FL 3/8X1 1/2	6'-3 1/4"	A36	12.00	12.00
m8	3	FL 3/8X1 1/2	3'-9 13/16"	A36	7.31	21.92
p3	3	PL 1/4"x4"x1'-9"	1'-9"	A36	5.96	17.87
m2	18	FL 3/8X1 1/2	2'-8 3/16"	A36	5.14	92.49
m6	9	FL 3/8X1 1/2	0'-4 7/8"	A36	0.78	7.00
	34				151.28	151.28
M4	1	Railing Post Landing				
M4	2	FL 3/8X1 1/2	3'-9 13/16"	A36	7.31	14.62
p4	2	PL 3/8"x4"x1'-0"	1'-0"	A36	5.10	10.21
m12	1	FL 3/8X1 1/2	1'-9 11/16"	A36	3.46	3.46
m4	9	FL 3/8X1 1/2	0'-11 1/8"	A36	1.78	15.99
b13	1	FL 3/8X1 1/2	0'-9 5/8"	A36	1.53	1.53
	15				45.82	45.82
	119				TOTAL:	571.38



Section D - D

GENERAL NOTES	
1- SEE MATERIAL LIST STEEL GRADE	
2- ALL WELDING STRENGTH TO BE 3/16" -1/4"	
3- ALL PLATE THICKNESSES AS PER THE MATERIAL LIST	
4- ALL DIMENSIONS TO BE VERIFIED IN FIELD PRIOR TO FABRICATION	

Mark	Quantity	Description	Length	Grade	Part weight	Total weight
S1	1	Step				
S1	1	PL 3/8"x48"x9'-8"	9'-8"	A36	621.68	621.68
b2	1	HSS 6X6X1/2	14'-4 3/16"	A36	505.22	505.22
b3	1	HSS 6X6X1/2	9'-7"	A36	337.44	337.44
s3	1	PL 1/4"x45"x7'-2"	7'-2"	A36	274.48	274.48
b4	1	HSS 6X6X1/2	6'-2 11/16"	A36	219.11	219.11
b5	1	HSS 6X6X1/2	5'-5"	A36	190.72	190.72
b6	1	HSS 6X6X1/2	3'-7 15/16"	A36	128.96	128.96
b7	1	HSS 6X6X1/2	3'-2 7/8"	A36	113.99	113.99
b8	1	HSS 6X6X1/2	2'-7"	A36	90.96	90.96
s1	13	PL 3/8"x11"x3'-9"	3'-9"	A36	55.27	718.49
s2	2	PL 1/4"x11"x3'-9"	3'-9"	A36	35.10	70.19
b9	1	HSS 6X6X1/2	0'-7 5/16"	A36	21.42	21.42
b10	1	HSS 6X6X1/2	0'-7 1/4"	A36	21.31	21.31
b11	14	HSS 6X6X1/2	0'-7 3/16"	A36	21.01	294.11
b11	1	HSS 6X6X1/2	0'-7 3/16"	A36	21.00	21.00
p2	3	PL 1/2"x6"x0'-6"	0'-6"	A36	5.10	15.31
b12	1	L3-1/2X3-1/2X1/4	0'-3 15/16"	A36	1.90	1.90
1	8	3/4"Ø Nelson S3L-Inch	0'-4"	Mild Steel	0.58	4.68
2	4	3/4"Ø Nelson S3L-Inch	0'-2"	Mild Steel	0.33	1.34
57					3652.31	3652.31
57					TOTAL:	3652.31

1 STEEL ASSEMBLY PARTS
ST-04 SCALE: 3/4" = 1' - 0"

REVISIONS:

PRIVATE RESIDENCE
4642 LONGBOW ROAD
JACKSONVILLE, FL 32210
STEEL STAIR SHOP DRAWINGS

DATE : 11/28/25
DRAWN BY : KP
CHECKED BY : EG

PROJECT DRAWING
ST-04

