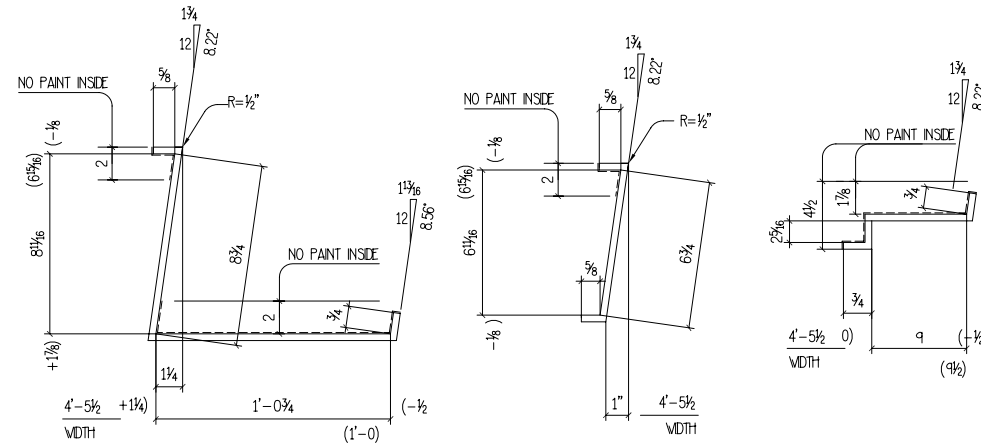


DETAIL OF ~ab
DETAIL OF ~af (OPP.)

DETAIL OF ~ac
DETAIL OF ~ag (OPP.)

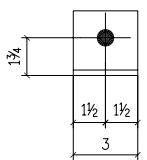
DETAIL OF ~ad
DETAIL OF ~ah (OPP.)



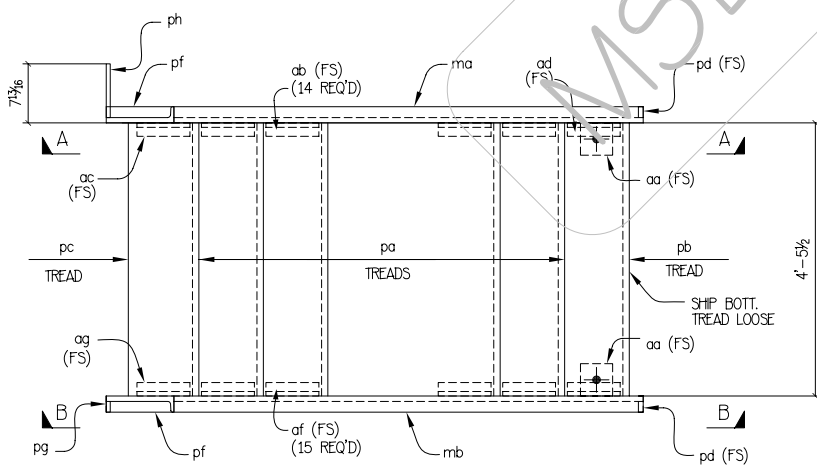
DETAIL OF ~pa

DETAIL OF ~pb

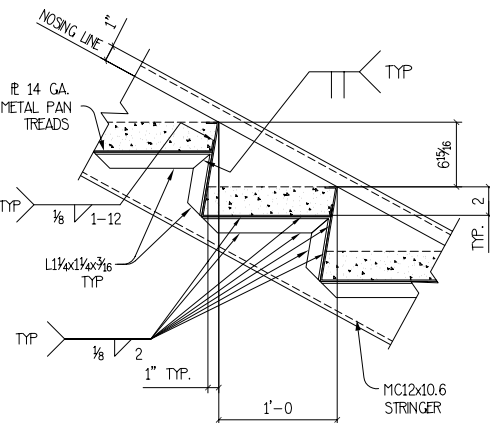
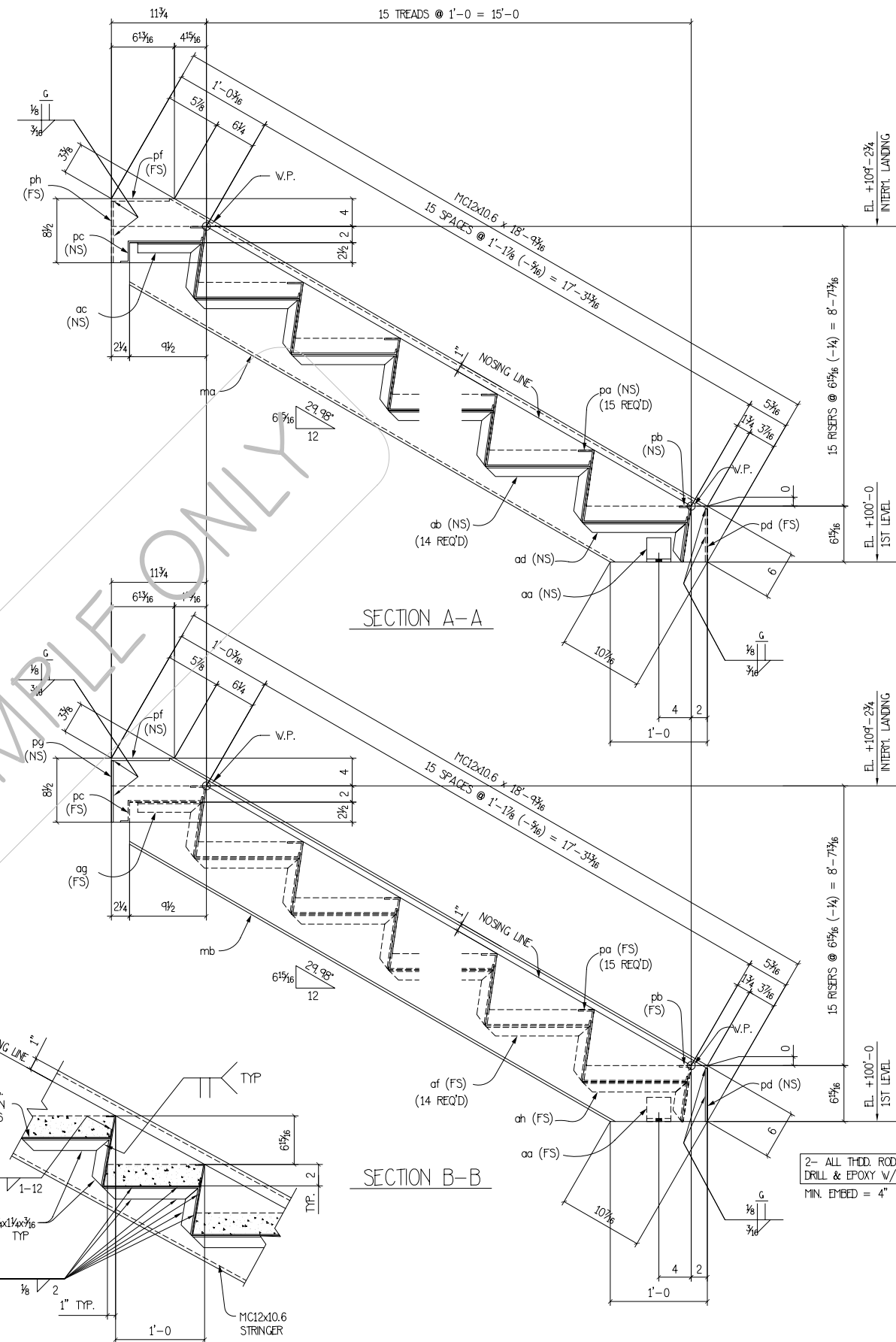
DETAIL OF ~pc



DETAIL OF ~aa



ONE - STAIR FRAME - 126A



TYPICAL WELDING DETAIL

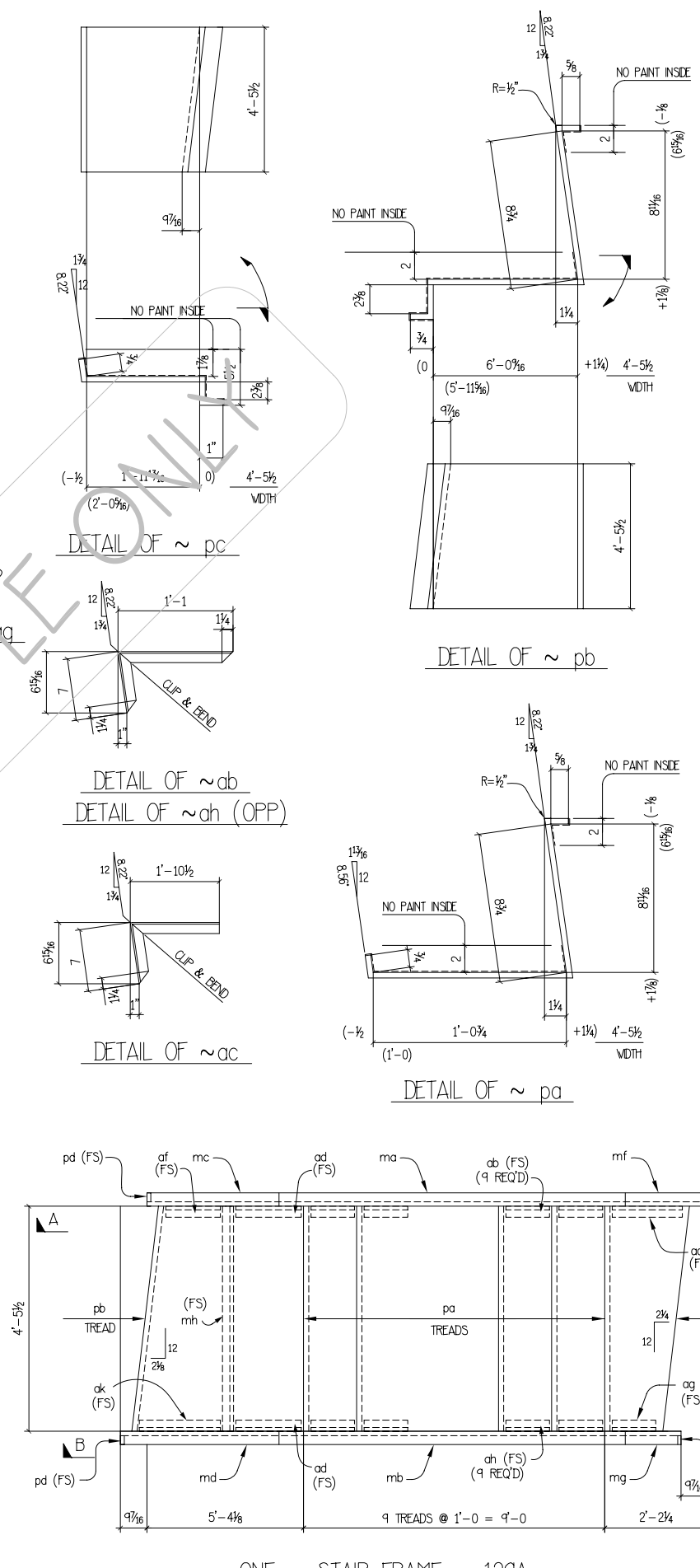
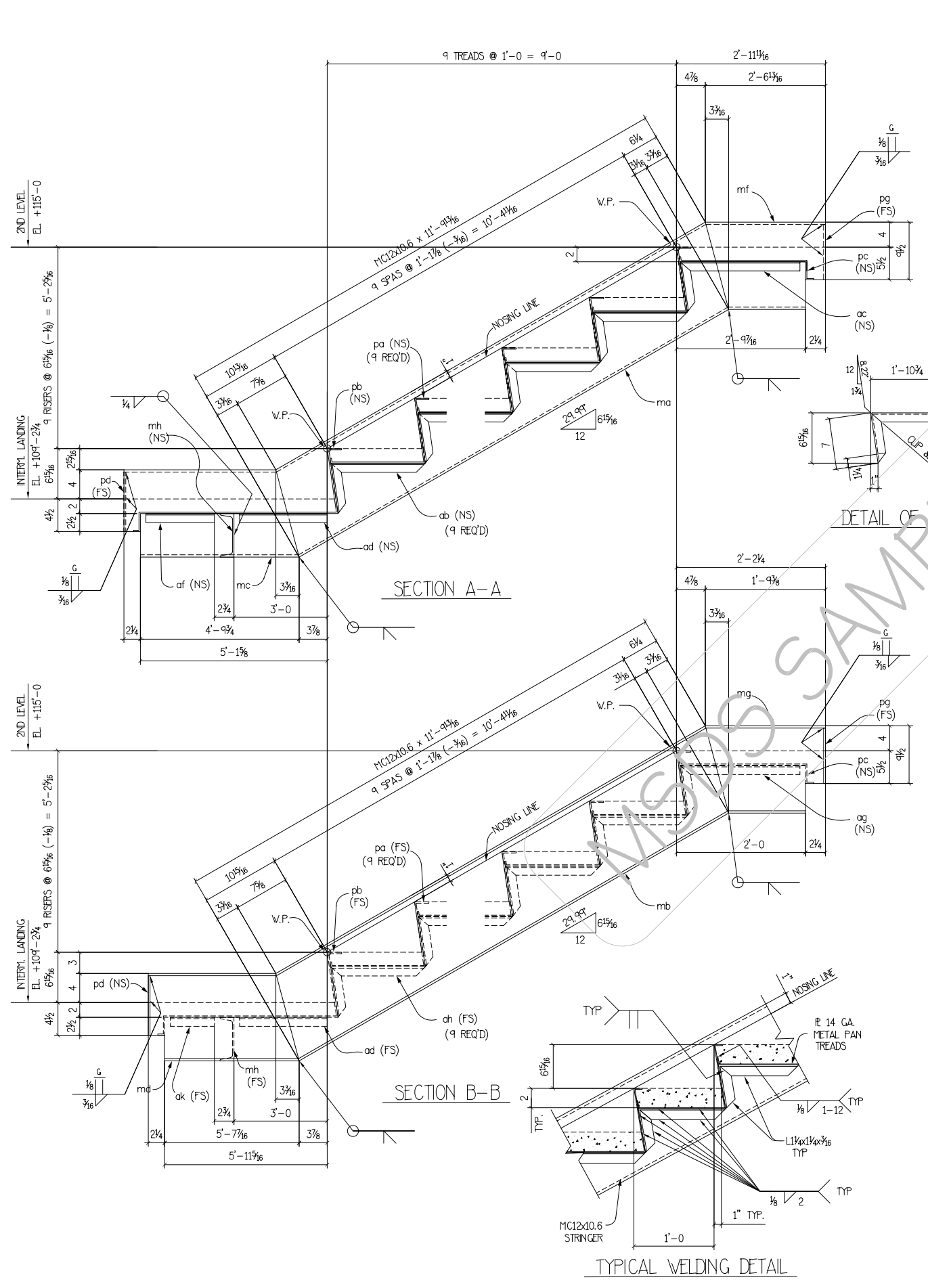
BILL OF MATERIALS

LINE	MARK	QTY.	DESCRIPTION	P	L	LENGTH OR PATTERN NO.	MATERIAL	REMARKS	WEIGHT
1									
2	126A		STAIR FRAME						
3	ma	1	MC12x10.6			18'-9 3/16			
4	mb	1	MC12x10.6			18'-9 3/16			
5	pa	15	# 14GA. x 22 7/8			4'-5 1/2		BENT	
6	pb	1	# 14GA. x 8			4'-5 1/2		BENT	
7	pc	1	# 14GA. x 12 3/4			4'-5 1/2		BENT	
8	pd	2	# 3/4 x 1 1/4			0'-6 5/8			
9	pf	2	# 3/4 x 1 1/4			0'-6 5/8			
10	pg	1	# 3/4 x 1 1/4			0'-8 1/4			
11	ph	1	# 3/4 x 7 1/2			0'-8 1/4			
12	aa	2	L3 x 3 x 3/8			0'-3			
13	ab	14	L1 1/4 x 1 1/4 x 3/16			1'-8			
14	ac	1	L1 1/4 x 1 1/4 x 3/16			1'-3			
15	ad	1	L1 1/4 x 1 1/4 x 3/16			1'-5 5/16			
16	af	14	L1 1/4 x 1 1/4 x 3/16			1'-8			
17	ag	1	L1 1/4 x 1 1/4 x 3/16			1'-3			
18	ah	1	L1 1/4 x 1 1/4 x 3/16			1'-5 5/16			
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33			FIELD BOLT						
34		2	ALL THED. ROD 3/4 Ø			0'-5 1/2			
35			W/ 1 NUT & 1 WA. EA.						
36		2	HILTI HIT HY-150						
37									
38									
39									
40									
41									
42									
43									
44									

- SHOP NOTES:
- CHANNELS, ANGLES & PLATES - ASTM A36 U.S.
 - TUBE - ASTM A500, GRADE B
 - PIPES - ASTM A53, GR.B
 - WELDING - E70XX PER AWS
 - G.A. SHEET - ASTM A569
 - ALL WELDS TO BE GROUND SMOOTH @ EXPOSED CONNECTIONS

REVISIONS			PRINT RECORD		
NO.	DATE	DESCRIPTION	DATE	QTY.	ISSUED
1	12-04-05	FOR APPROVAL			
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
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21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					

PAINT	1 S/C PRIMER	HOLES U.N.	WELD U.N.	DRAWN BY	EC
PROJECT	ANDRE AGASSI COLLEGE PREPARATORY ACADEMY (GYM. & HIGH SCHOOL ADDITION)			CHK'D BY	RP-1
DESCRIPTION	STAIR S-32 FRAME DETAIL			JOB NO.	520
ARCH.	CARPENTER SELLERS ASSOCIATES ENG.	MARTIN & PELTYN, INC.			
CUSTOMER	SLETTEN CONSTRUCTION				



BILL OF MATERIALS									
LINE	MARK	QTY.	DESCRIPTION	P	L	LENGTH OR PATTERN NO.	MATERIAL	REMARKS	WEIGHT
1									
2	129A		STAIR FRAME						
3	ma	1	MC12x10.6			11'-9 1/16			
4	mb	1	MC12x10.6			11'-9 1/16			
5	mc	1	MC12x10.6			5'-0			
6	md	1	MC12x10.6			5'-9 1/16			
7	mf	1	MC12x10.6			2'-6 1/16			
8	mg	1	MC12x10.6			1'-9 3/8			
9	mh	1	C6x8.2			4'-5 1/2			
10	pa	9	# 14GA. x 22 7/8			4'-5 1/2		BENT	
11	pb	1	# 14GA. x 53 1/2			7'-0 1/16		BENT	
12	pc	1	# 14GA. x 27 1/16			4'-5 1/2		BENT	
13	pd	2	# 1/4 x 1 1/4			0'-8 1/8			
14	pg	2	# 1/4 x 1 1/4			0'-9 3/16			
15	ab	9	L1 1/4 x 1 1/4 x 3/16			1'-8			
16	ac	1	L1 1/4 x 1 1/4 x 3/16			2'-5 1/2			
17	ad	2	L1 1/4 x 1 1/4 x 3/16			2'-11			
18	af	1	L1 1/4 x 1 1/4 x 3/16			1'-9 3/8			
19	ag	1	L1 1/4 x 1 1/4 x 3/16			2'-5 3/4			
20	ah	9	L1 1/4 x 1 1/4 x 3/16			1'-8			
21	ak	1	L1 1/4 x 1 1/4 x 3/16			2'-7			
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									

SHOP NOTES:

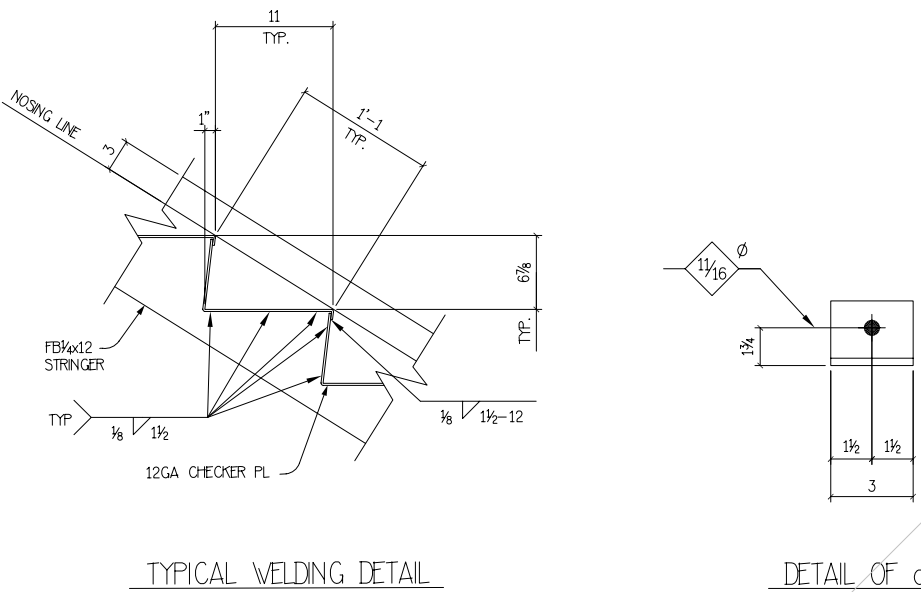
- CHANNELS, ANGLES & PLATES - ASTM A36 U.S.
- TUBE - ASTM A500, GRADE B
- PIPES - ASTM A53, GR.B
- WELDING - E70XX PER AWS
- G.A. SHEET - ASTM A569
- ALL WELDS TO BE GROUND SMOOTH @ EXPOSED CONNECTIONS

REVISIONS			PRINT RECORD		
NO.	DATE	DESCRIPTION	DATE	QTY.	ISSUED
1	12-24-05	FOR APPROVAL			
2					
3					
4					
5					
6					

PAINT 1 S/C PRIMER	HOLES U.S.	WELD U.S.	DRAWN BY EC
PROJECT ANDRE AGASSI COLLEGE PREPARATORY ACADEMY (GYM. & HIGH SCHOOL ADDITION)			CHK'D BY RP-4
DESCRIPTION STAIR S-32 FRAME DETAIL			JOB NO. 520
ARCH. CARPENTER SELLERS ASSOCIATES INC. MARTIN & PELTY, INC.			
CUSTOMER SLETTEN CONSTRUCTION			129

ONE - STAIR FRAME - 129A

REF: E108, E110, & E111



TOTAL WEIGHT THIS SHEET:			
<u>GENERAL NOTES:</u>			
All Shapes & Plates	- A36		
Tube Steel	- A500 GR.B.		
Pipe	- A53 GR.B.		
Bolts	- A307		
Paint	1 S/C PRIMER		
REV.	DESCRIPTION		DATE
A	FOR APPROVAL		09/19/05
B	FOR APPROVAL		09/20/05
0	FOR FABRICATION		10/13/05
PROJECT NAME: CAESARS PALACE			
ADDRESS: LAS VEGAS, NEVADA			
DRAWING TITLE	STAIR FRAME DETAIL		DRAWN BY: DC
		CHKD. BY: RP-4/RD-1	
ARCHITECT: BERGMAN, WALLS & ASSOCIATES, LTD.			
CONTRACTOR: THE PENTA BUILDING GROUP			
ENGINEER: -			
FILE NO.	A & E CROSS REFERENCE	JOB NUMBER	DRAWING NO.
		91113	6

DETAIL OF pa

DETAIL OF pb

TYPICAL WELDING DETAIL

DETAIL OF pc

ONE - STAIR FRAME - 7A

SECTION A - A

SECTION B - B

[illegible]

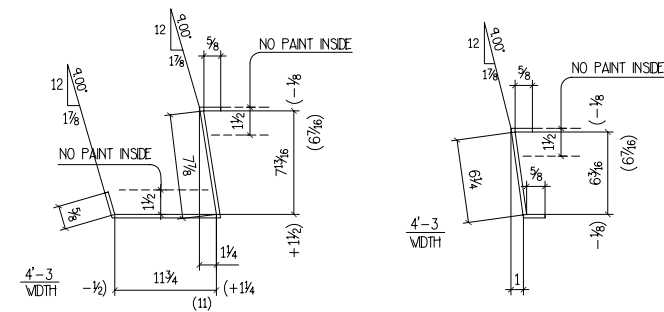
TOTAL WEIGHT THIS SHEET: _____

GENERAL NOTES:

All Shapes & Plates	— A36
Tube Steel	— A500 GR.B.
Pipe	— A53 GR.B.
Bolts	— A307
Paint	— 1 S/C PRIMER

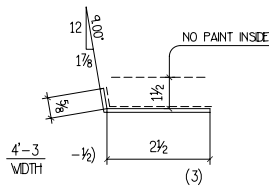
REV.	DESCRIPTION	DATE
A	FOR APPROVAL	09/19/05
B	FOR APPROVAL	09/20/05
0	FOR FABRICATION	10/13/05

PROJECT NAME: CAESARS PALACE			
ADDRESS: LAS VEGAS, NEVADA			
DRAWING TITLE	STAIR FRAME DETAIL	DRAWN BY: DC	
		CHKD. BY: RP-4/RD-2	
ARCHITECT: BERGMAN, WALLS & ASSOCIATES, LTD.			
CONTRACTOR: THE PENTA BUILDING GROUP			
ENGINEER: -			
FILE NO.	A & E CROSS REFERENCE	JOB NUMBER	DRAWING NO.
		91113	7

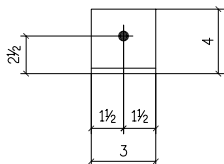


DETAIL OF pa

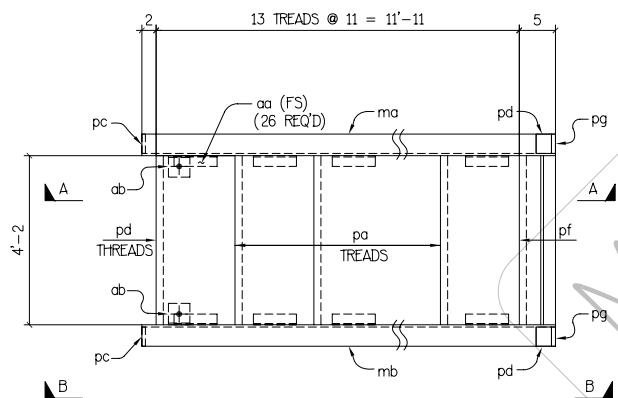
DETAIL OF pb



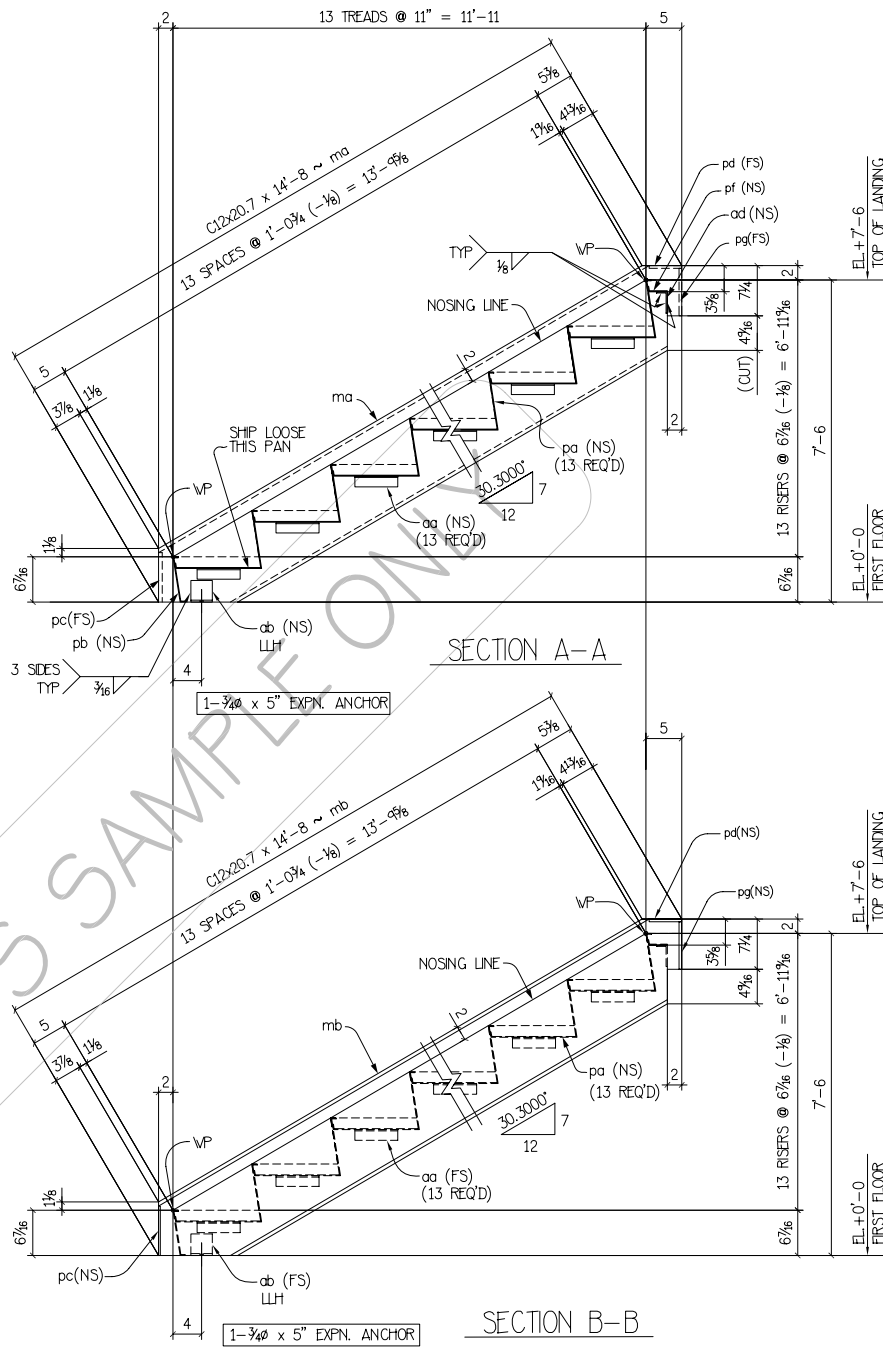
DETAIL OF pf



DETAIL OF ab

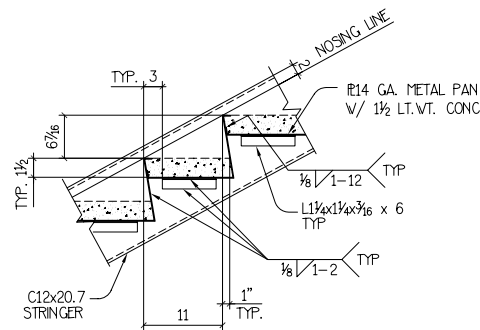


ONE-STAIR FRAME-160A



SECTION A-A

SECTION B-B

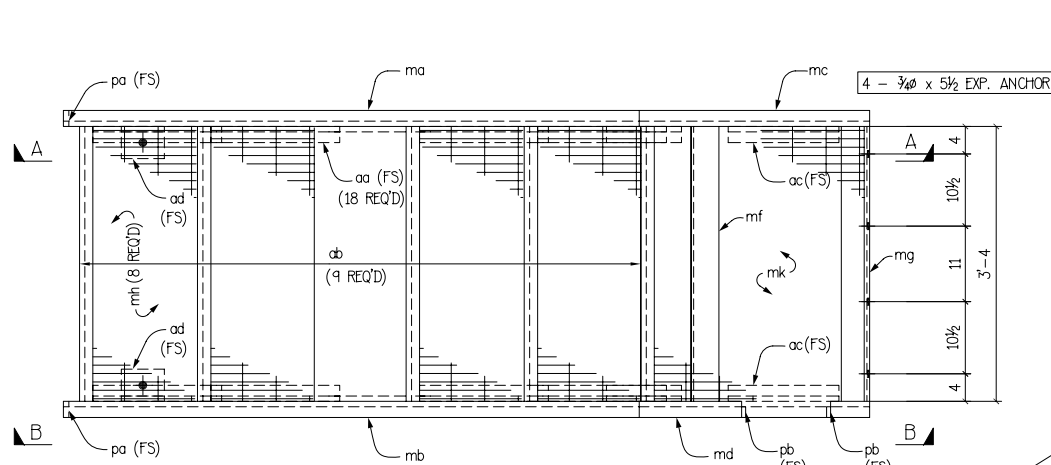


TYPICAL WELDING DETAIL

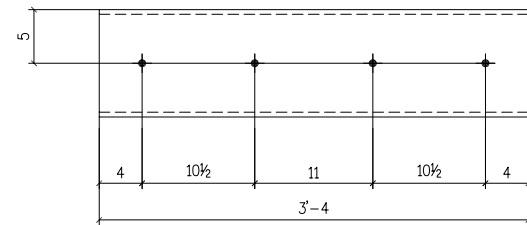
BILL OF MATERIALS

LINE	MARK	QTY.	DESCRIPTION	P L	LENGTH OR PATTERN NO.	MATERIAL	REMARKS	WEIGHT
1	160A	ONE	STAIR FRAME					
2	ma	1	C12x20.7		14'-8"			
3	mb	1	C12x20.7		14'-8"			
4	pa	13	14 GA. x 20 7/8		4'-2"		BENT	
5	pb	1	14 GA. x 7 1/2		4'-2"		BENT	
6	pc	2	1/4 x 2 3/4		0'-7 1/2		FIT	
7	pd	2	1/4 x 2 3/4		0'-4 3/16		FIT	
8	pf	1	14 GA. x 3 1/8		4'-2"		BENT	
9	pg	2	1/4 x 2 3/4		0'-7"		FIT	
10	aa	26	L1 1/4 x 1 1/4 x 3/16		0'-6"			
11	ab	2	L4 x 3 x 1/4		0'-3"			
12	ad	1	L1 1/2 x 3 x 3/16		4'-2"			
13								
14								
15								
16								
17								
18			FIELD BOLTS					
19		2	3/4" EXPN. ANCHORS		0'-5"		w/ N&W	
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								

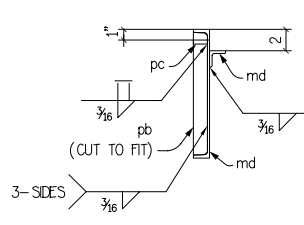
Shop Notes		Revision		Job:	
		Date	No.		
Paint	1 S/C PRIMER	05.16.05	1	FOR APPROVAL	DESERT CANYON BUSINESS PARK - BLDG. II
Open Holes	13 16 Ø	08.02.05	2	FOR FABRICATION	STAIR #2 STAIR FRAME DETAIL
Unless Noted					
Wide Flgs.	ASTM A992	Structure Tubes	ASTM A500	Contractor	NIGRO CONSTRUCTION, INC.
Bars & Plts.	ASTM A36	Pipe	ASTM A53	Architect	PERLMAN ARCHITECTS, INC.
TCC Bolts	ASTM A325	Unless Noted on Bill of Material		Engineer	MENDENHALL SMITH
Drawn	JC	Chkd.	AF-4	Job No.	580-04-02
Date:	05.16.05	Date:	05.16.05	Reference Dwg's:	E15, E16, E17, E18
				Sheet No.	160



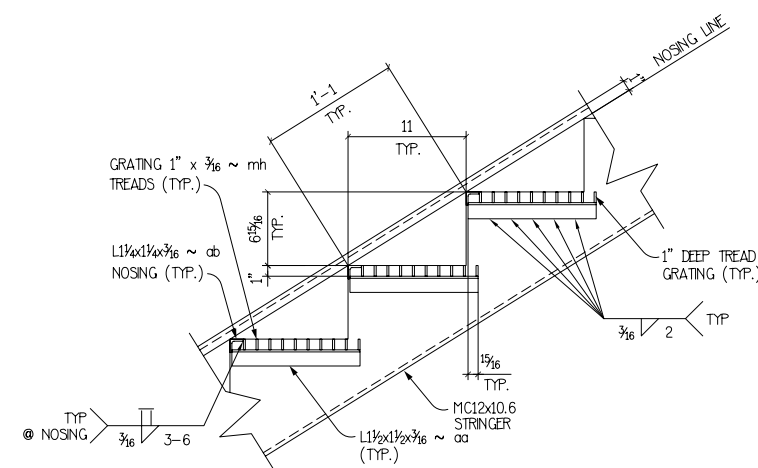
ONE - STAIR FRAME - 420A



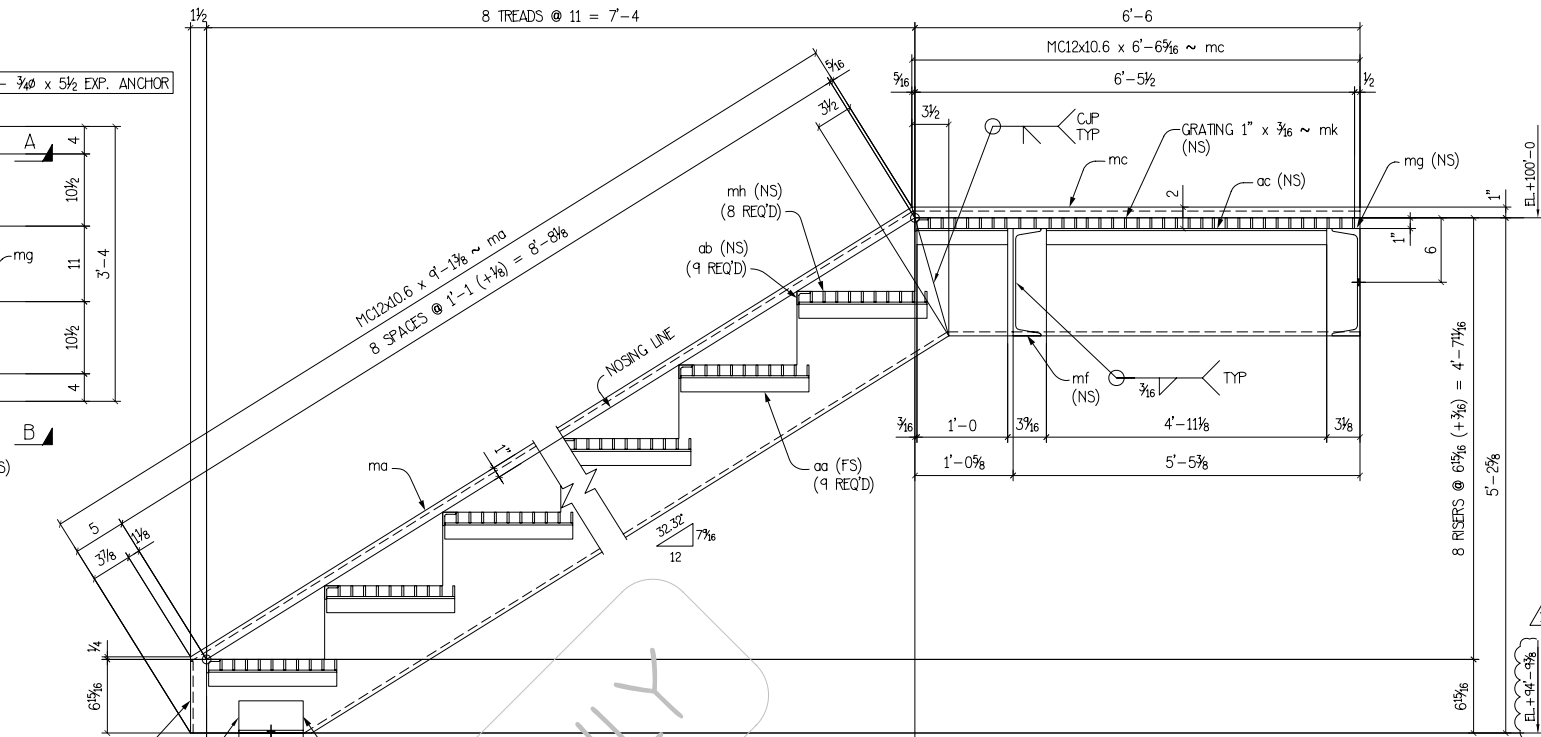
DETAIL of mg



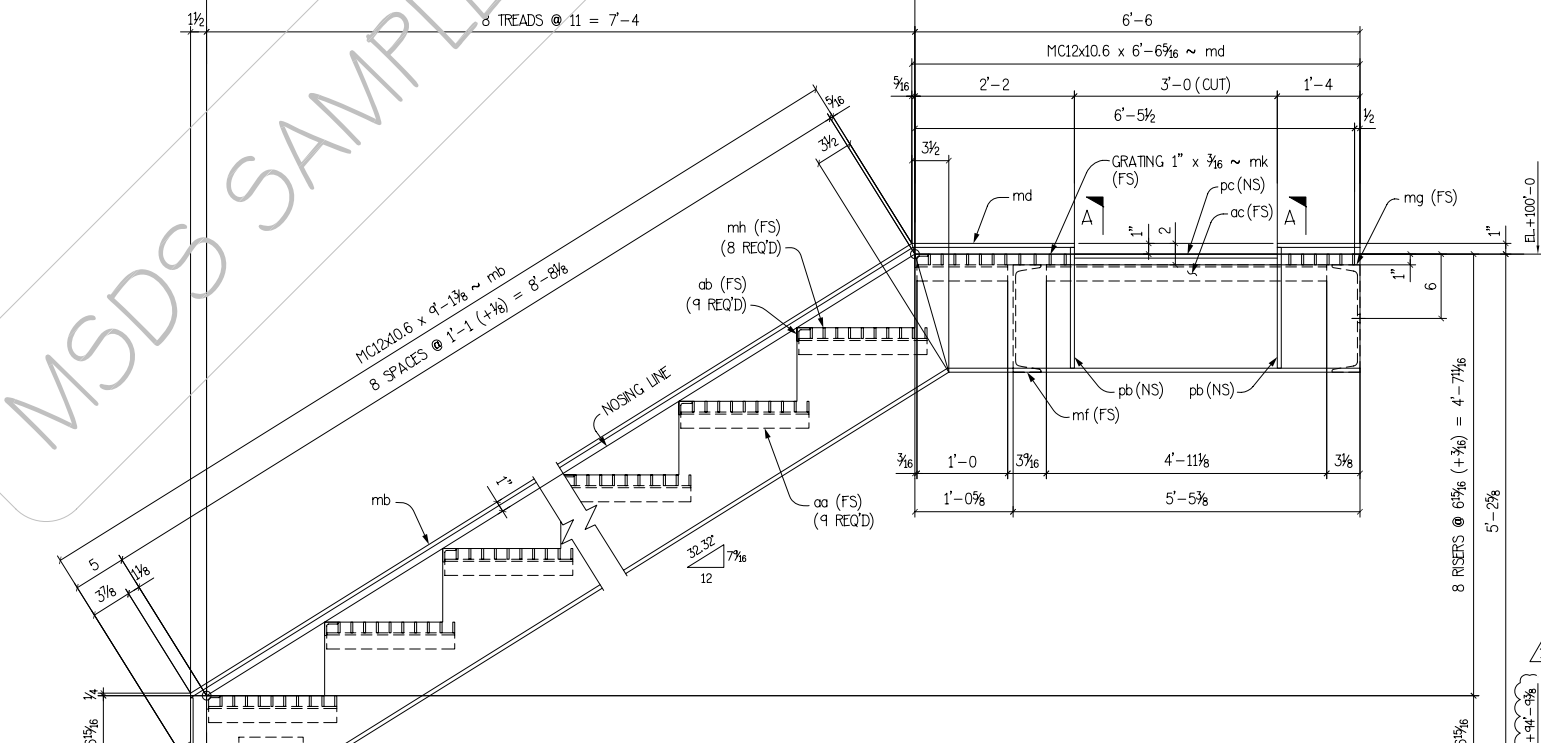
SECTION - A



TYPICAL WELDING DETAIL



SECTION A - A



SECTION B - B

SHOP NOTES:
1. ① INDICATES PAINT STRIKE SIDE.
2. GRIND ALL WELDS & SHAP EDGES SMOOTH.

REF. DWG.: E45 & E46

MATERIAL LIST

SHIPPING MARK	ASSEMBLY MARK	NO. PIECES	SIZE	LENGTH FT.	LENGTH IN.	NOTES
420A	ONE	STAIR FRAME				
	ma	1	MC12 x 10.6	9	1 3/8	
	mb	1	MC12 x 10.6	9	1 3/8	
	mc	1	MC12 x 10.6	6	6 7/16	
	md	1	MC12 x 10.6	6	6 7/16	
	mf	1	C10 x 15.3	3	4	
	mg	1	C10 x 15.3	3	4	
	aa	18	L1 1/2 x 1 1/2 x 3/16	1	0	
	ab	9	L1 1/4 x 1 1/4 x 3/16	3	4	
	ac	2	L1 1/2 x 1 1/2 x 3/16	4	11 1/8	
	ad	2	L4 x 3 x 1/4	0	6	
	pa	2	PL 1/2 x 2 3/4	0	6 5/8	FIT
	pb	2	PL 3/8 x 1 5/16	0	11 3/8	FIT
	pc	1	PL 3/8 x 1 5/16	3	0	
	mh	8	GRATING 1" x 3/16 (B.B. @ 1 3/16 O.C.) 10 1/8 WIDE x 3'-4 SPAN			
	mk	1	GRATING 1" x 3/16 (B.B. @ 1 3/16 O.C.) 7 1/2 WIDE x 3'-4 SPAN			

FIELD BOLTS

6	3/4" EXP. ANCHOR	0	5 1/2
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STRUCTURAL STEEL SHAPES: A36 U.N.

SHOP PAINT	HOT DIPPED GALV.	%
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FIELD PAINT	%
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BOLTS	HOLES 13/16"	UNLESS OTHERWISE NOTED
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NOTE	END & EDGE	UNLESS OTHERWISE NOTED
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REVISIONS

NO.	DESCRIPTION	DATE	APP'D
1	FOR FABRICATION	7/5	
2	REVISED LANDING ELEVATION	1/25/06	

CUSTOMER: AAFES	PRINT RECORD	NO. OF PRINTS
PROJECT: L.A. AIR FORCE BASE	APPROVAL	
LOCATION: EL SEGUNDO, CALIFORNIA	FINAL APPROVAL	

STAIR #2 FRAME DETAIL

ARCHITECT: CARTER-BURGESS	ENGINEER: CARTER-BURGESS	SCALE:
DRAWN BY: DC	DATE: 06/21/05	SHEET NO. 420
CHECKED BY: RP-S	DATE: 06/21/05	JOB NO. 411-05
APPROVED BY:	DATE:	