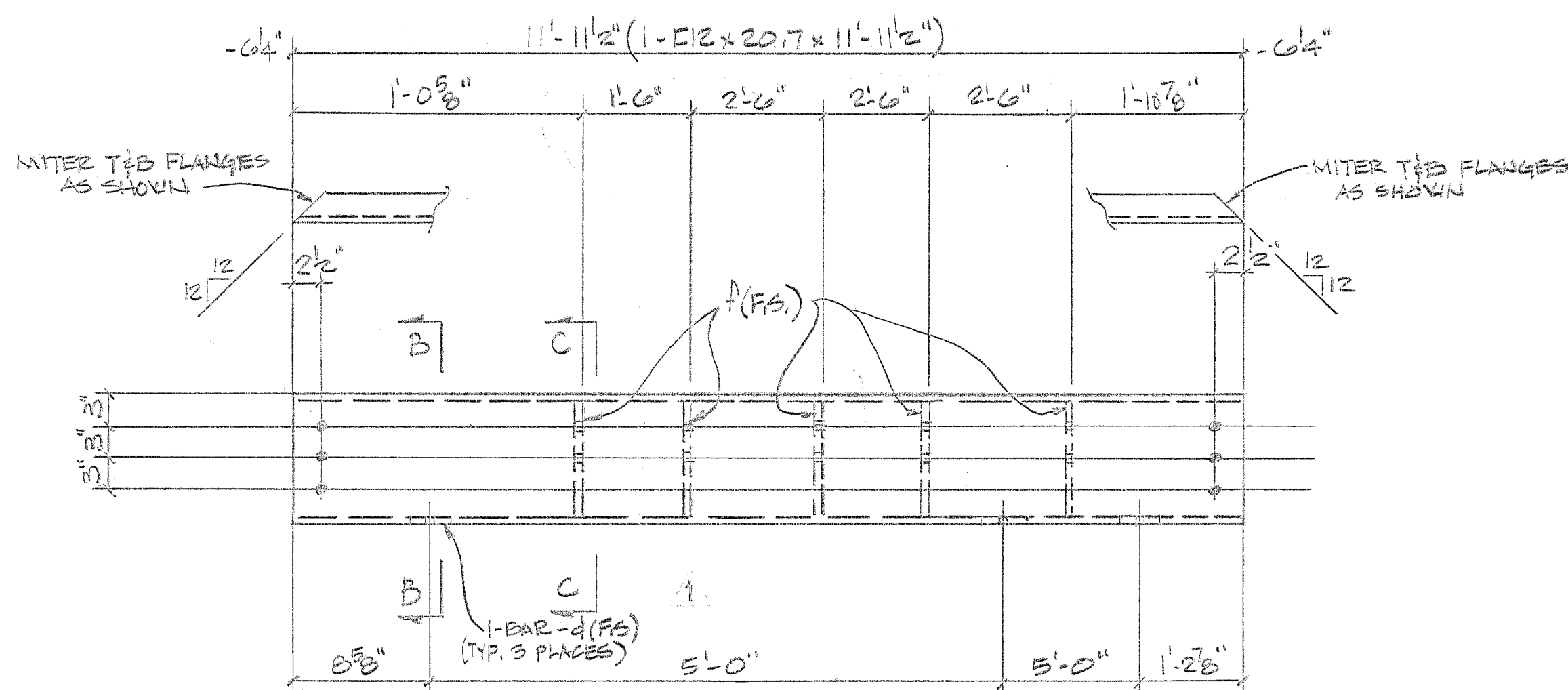
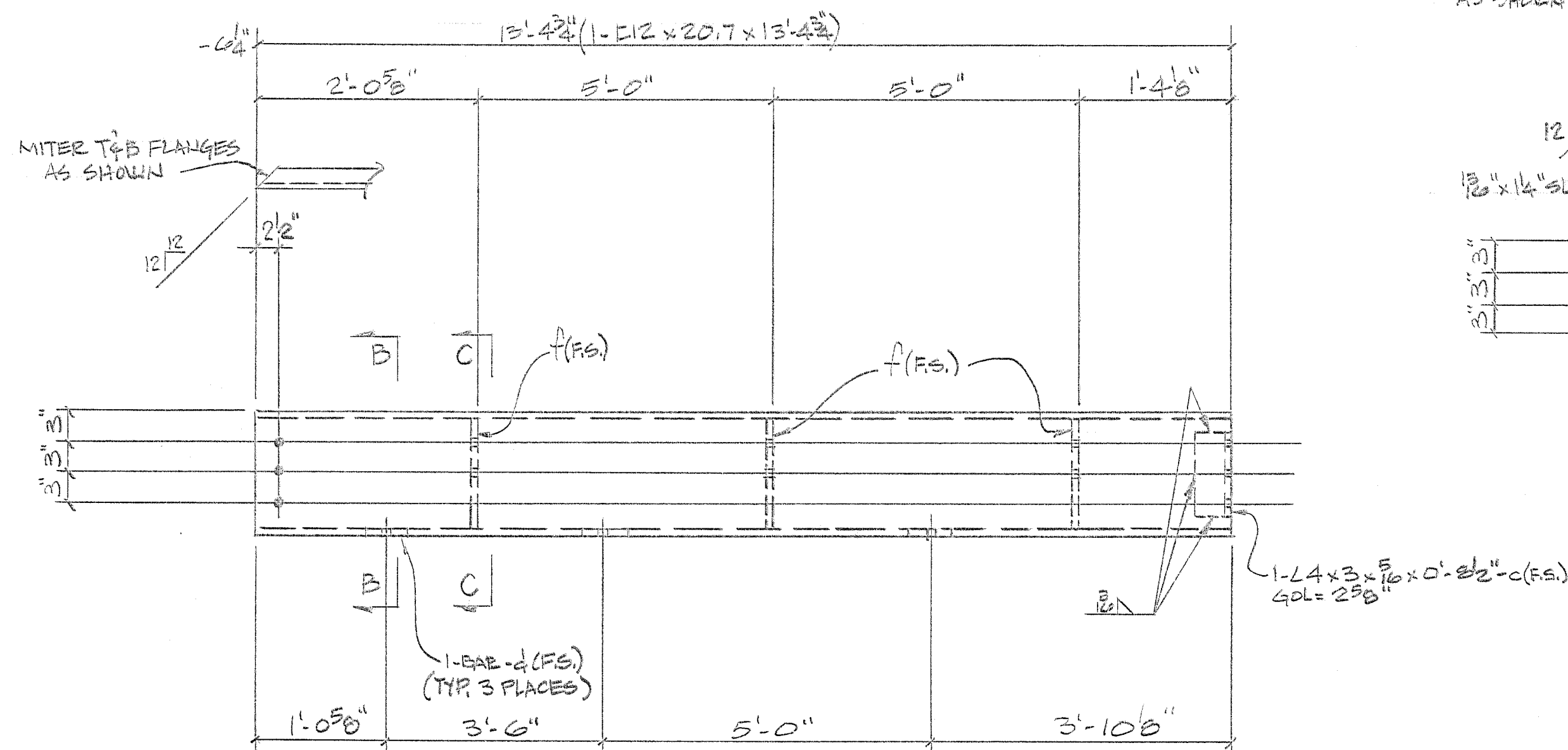


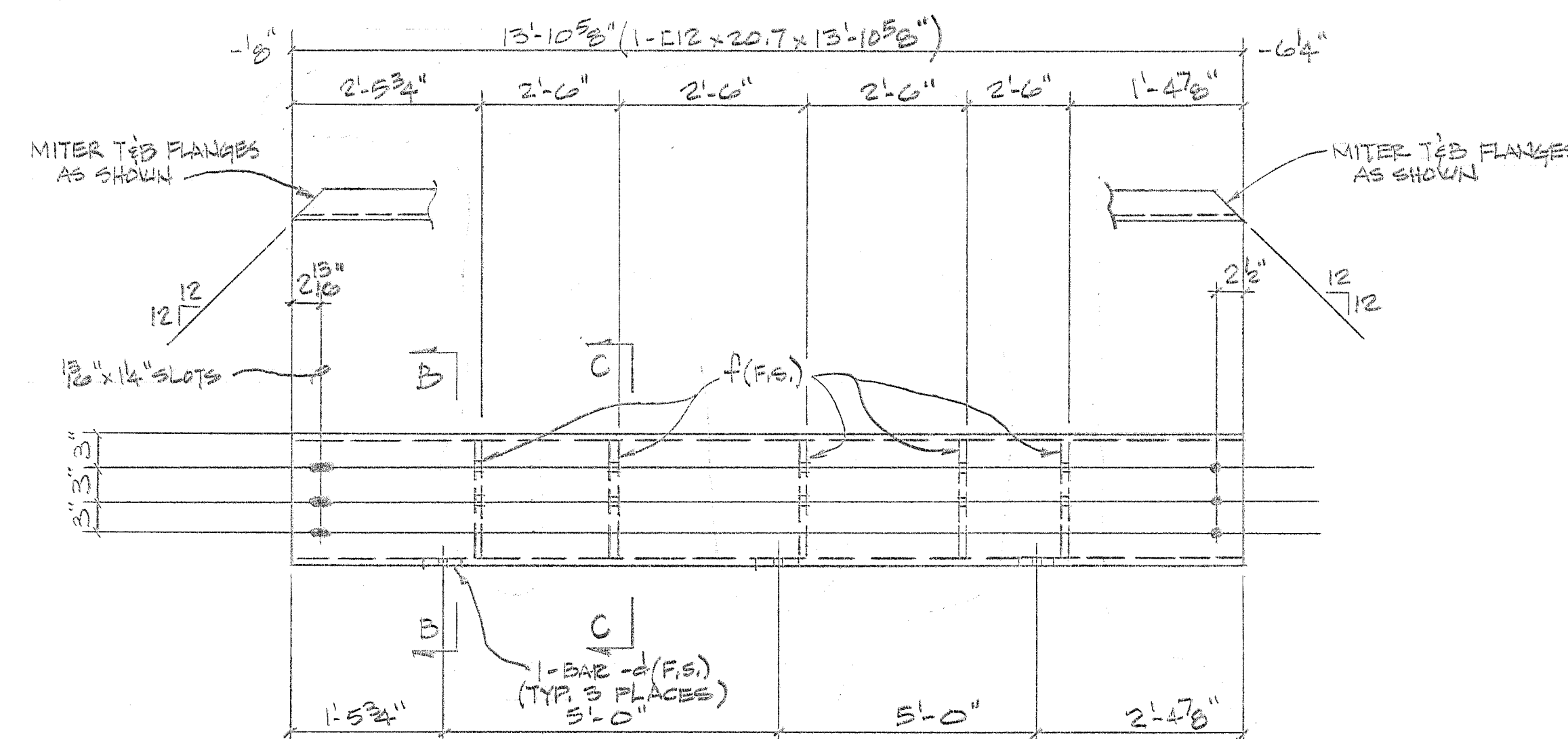
ONE ~ FRAME MK ~ 3B1



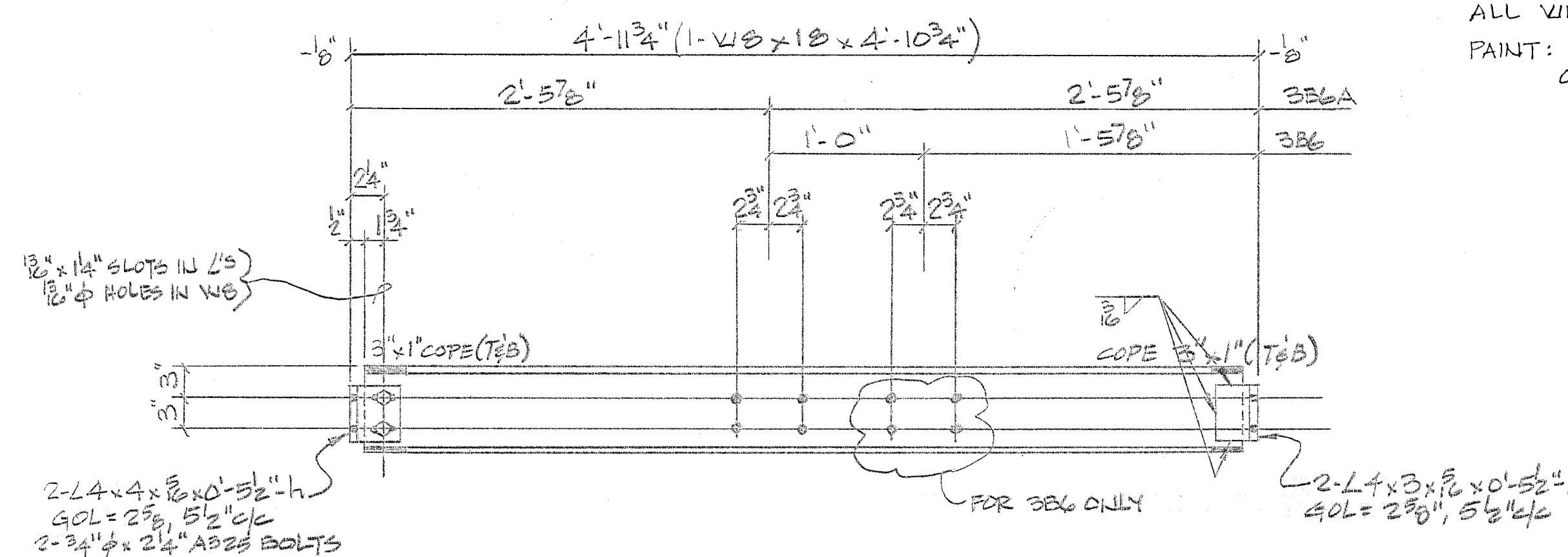
ONE ~ CHANNEL MK ~ 3B4



ONE ~ CHANNEL MK ~ 3B2

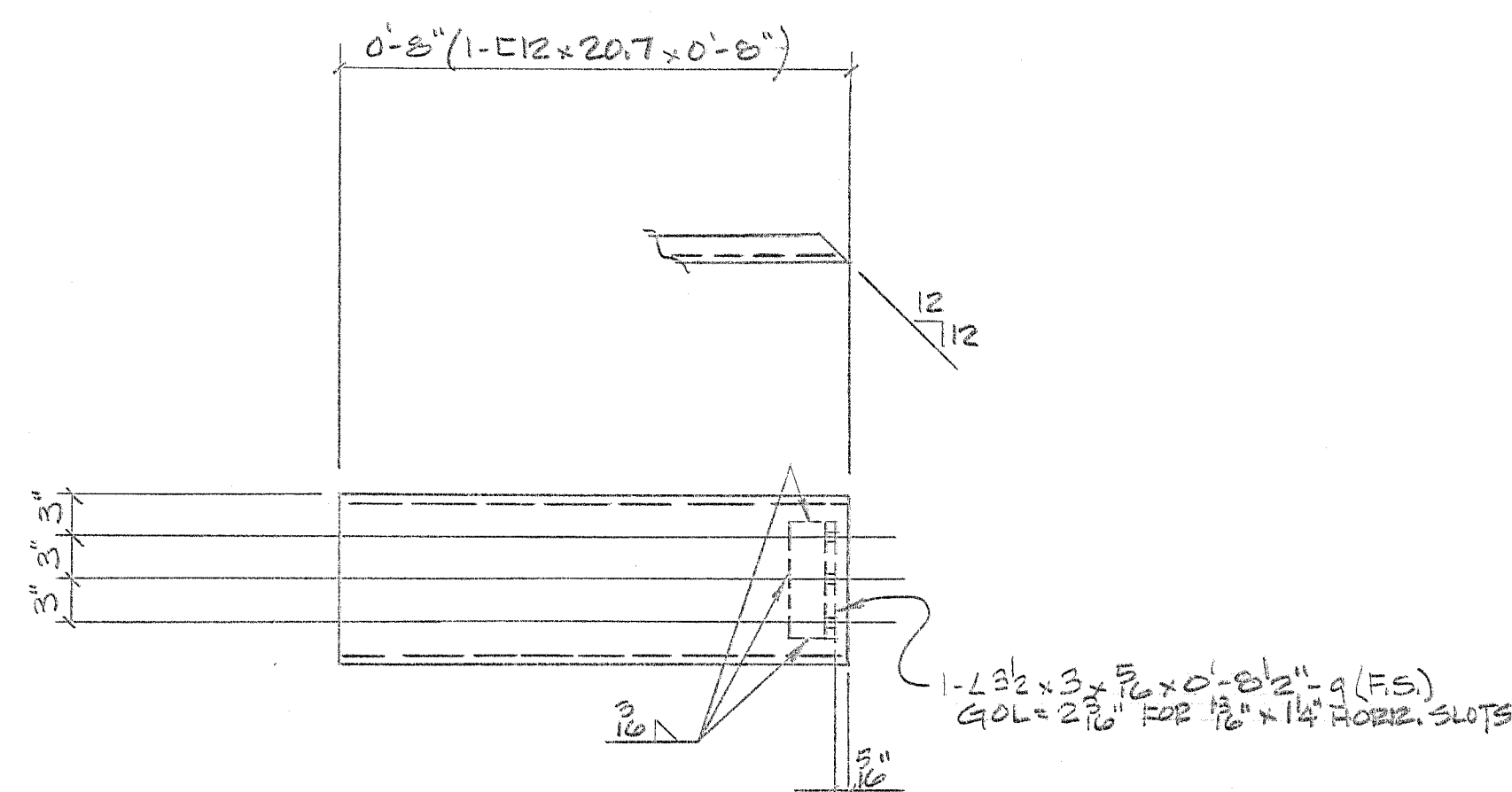


ONE ~ CHANNEL MK ~ 3B5



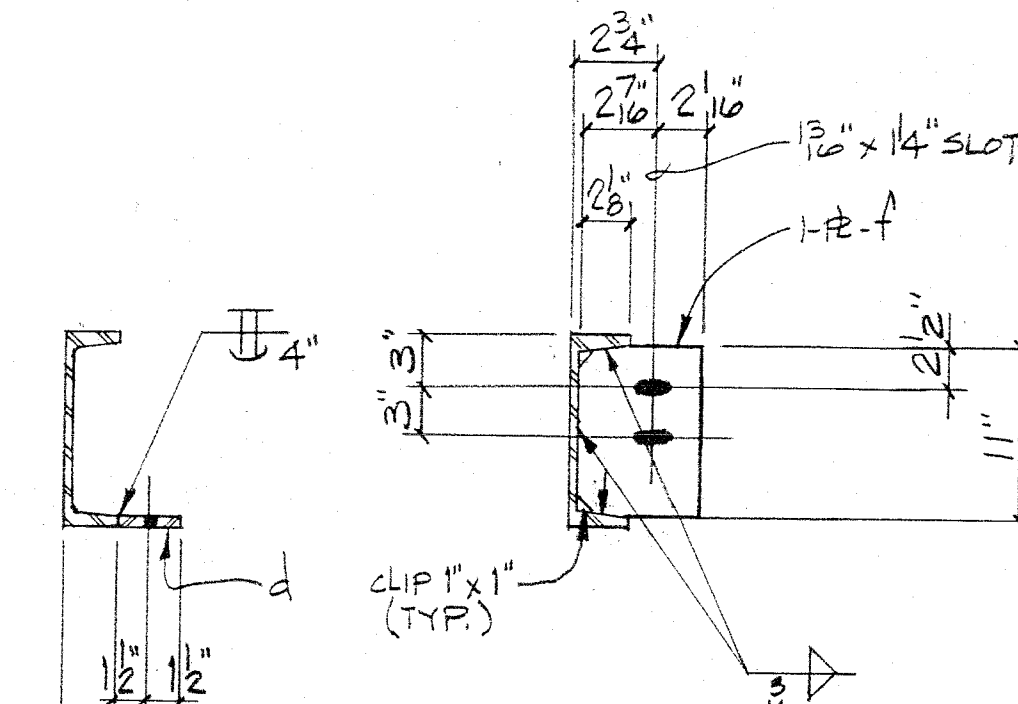
ONE ~ BEAM MK ~ 3B6 (AS NOTED)

ONE ~ do ~ 3B6A



5/8 ~ CHANNEL MK ~ 3B3R (AS SHOWN)

NOTES:  
ALL HOLES TO BE 1/2" Ø UNLESS NOTED  
ALL WELDS TO BE E70XX  
PAINT: SURFACE PREPARATION SP-6  
ONE COAT (SHOP APPLIED) RED OXIDE PRIMER



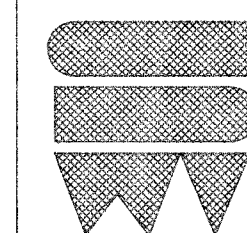
SECTION 'C-C'

SECTION 'B-B'

BILL OF MATERIAL					
MARK	QUAN.	DESCRIPTION	LENGTH		WEIGHT
			FT.	INCH	
3B1	ONE	FRAME			
a	1	C12 x 20.7	1	11 7/8	41
b	1	C12 x 20.7	0	7 1/8	13
d	2	BAR 3 x 3/8	0	4	3
3B2	ONE	C12 x 20.7	13	4 3/4	277
c	1	L4 x 3 x 5/16	0	8 1/2	5
d	3	BAR			4
f	3	PL 3/8 x 4 1/2	0	11	10
3B3R	5/8	C12 x 20.7	0	8	138
g	10	L3 1/2 x 3 x 5/16	0	8 1/2	47
3B4	ONE	C12 x 20.7	11	11 1/2	248
d	3	BAR			4
f	5	PL			26
3B5	ONE	C12 x 20.7	13	10 5/8	287
d	3	BAR			4
f	5	PL			26
3B6A	ONE	W8 x 18	4	10 3/4	88
3B6	ONE	W8 x 18	4	10 3/4	88
h	4	L4 x 4 x 5/16	0	5 1/2	15
k	4	L4 x 3 x 5/16	0	5 1/2	13
TOTAL WEIGHT					1343
FIELD BOLTS THIS SHEET					
A325 BOLTS W/ HX. HD. & HX. NUTS					
4B - 3/4" Ø x 2"					
B - 3/4" Ø x 1 1/4"					
SHOP BOLTS THIS SHEET					
A325 BOLTS W/ HX. HD. & HX. NUTS					
2 - 3/4" Ø x 2 1/4"					
4 - 3/4" Ø WASHERS					

ENGINEERING & CONSTRUCTION <b>JOHN BROWN</b> PROCESS PLANTS		JOHN BROWN E & C CHARLESTON, WV	
JOB NUMBER 93729	CAD NAME —	1 No.	REVISED AS NOTED Revision
		KJP By	2-9-94 Date

Dept. STRUCTURAL STEEL  
Equip. MOTOR ROOM/TRANSFORMER ROOM  
Detail ROOF STEEL  
SHOP FABRICATION DETAILS



STEEL OF  
WEST VIRGINIA  
HUNTINGTON, WV

Scale NONE	Equipment No.	REV.
Date 12/14/83	DWG. No.	
Drawn By KJP		
Approved By RDC	D-3464	1