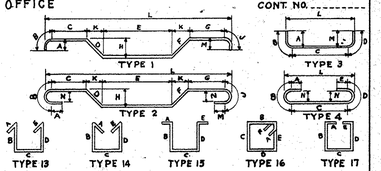
SHEET NO. B4
DATE 6-22-38
REVISION
JOB MARKET BRIDGE
LOCATION TUNBRIDGE, VT.
CUSTOMER THOMAS J. HARVEY & SON
ARCHITECT STATE OF VT.
THIS SHEET COVERS COMPLETE REIN.
MATERIAL SHOWN ON CUST DRAWING NO. LT0 17

BETHLEHEM STEEL COMPANY
BOSTON OFFICE

JOB NO. 38R37
CONT. NO.

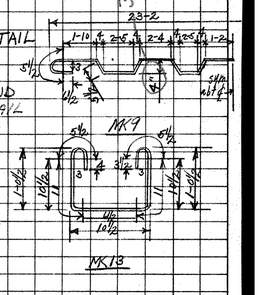


DEDUCTIONS: 1/2" for bars 4" to 8"; 1" for bars 1" and over.
Square bend: 1" for bars 4" to 8"; 2" for bars 1" and over

Type 11-13-14 2" for 4" to 8" bars 4" for bars 1" and over
Type 15-17 3" for 4" bars, 4" for 3/4" to 8" bars, 8" for bars 1" and over.
Type 12 3" for 4" bars, 4" for 3/4" to 8" bars
Type 16 2" for 4" bars, 5" for 3/8" to 8" bars

All dimensions are out to out. Dimensions omitted are zero.

LOCATION	NUMBER OF MEMBERS	PER MEMBER	TOTAL NO. REQD.	SIZE	LENGTH	MARK	SPACING	STRAIGHT BRAY	TYPE	A	B	C	D	E	F	G	J	M	H	K	N	L
	REINFORCING STEEL									BENDING DIMENSIONS												
DECK 2 SPANS																						
SIDEWALK TRANS	2	256	512	5/8φ	7-4	6		B	4	5	5 1/2	5-7	5 1/2	5							3	5-11
DECK SLAB TRANS TOP	2	86	172	5/8φ	24-7	8		B	4	5	5 1/2	22-10	5 1/2	5							3	23-2
LONG BOT & TOP	2	86	172	5/8φ	22-10	7		S														
END OF SPAN	2	2x18	72	5/8φ	21-0	7A		S														
DECK SLAB TRANS	2	85	170	5/8φ	25-8	9		B			SEE DETAIL											
CHAIR BARS	2	152	304	3/4φ	34-0	10		S														
BOT LONG	2	216	432	1/2φ	34-0	11		S														
DOWEL AT EXP JT.	1	11	11	1" PR	6-0	14		S			PLAIN ROUND											
STIR. SDWK. CURB	2	85	170	5/8φ	3-11	13		B			SEE DETAIL											
BM. STIR. AT ABMT	2	29	58	3/8φ	7-8	12A		B	13	4	3-4	6	3-4	4								
" " AT PIER	2	29	58	3/8φ	5-11	12P		B	13	4	2-5 1/2	6	2-5 1/2	4								
RAILING																						
PANELS RDWY SIDE	1	200	200	5/8φ	5-0	R1		B			SEE DETAIL											
HOR. " "	1	32	32	5/8φ	26-3	R2		S														
VERT 1/3 SWK SIDE 1/3 RDWY "	1	384	384	3/4φ	6-3	R3		B	4	1-7	1-0	3-8									7	4-0
VERT EA. SIDE AT LT. POST	2	3x4	24	3/4φ	4-6	R4		B	4	4 1/2	1-0	3-11 1/2									7	3-5 1/2
TOP OF RLG. EA. SIDE	2	10	20	3/4φ	19-8	R5		S			CUT TO FIT AS NECESSARY											
CABLE GUARD ANCH	7	8	56	1/2φ	1-10			S														
CONCRETE HD. WALL	18" PIPE																					
	1	4	4	5/8φ	4-0			S														



MK R1

MK 13

NOTE: CUT BARS IN FIELD TO FIT ONE SKEW END USING CUT OFF ENDS AT OPP END OF SPAN.