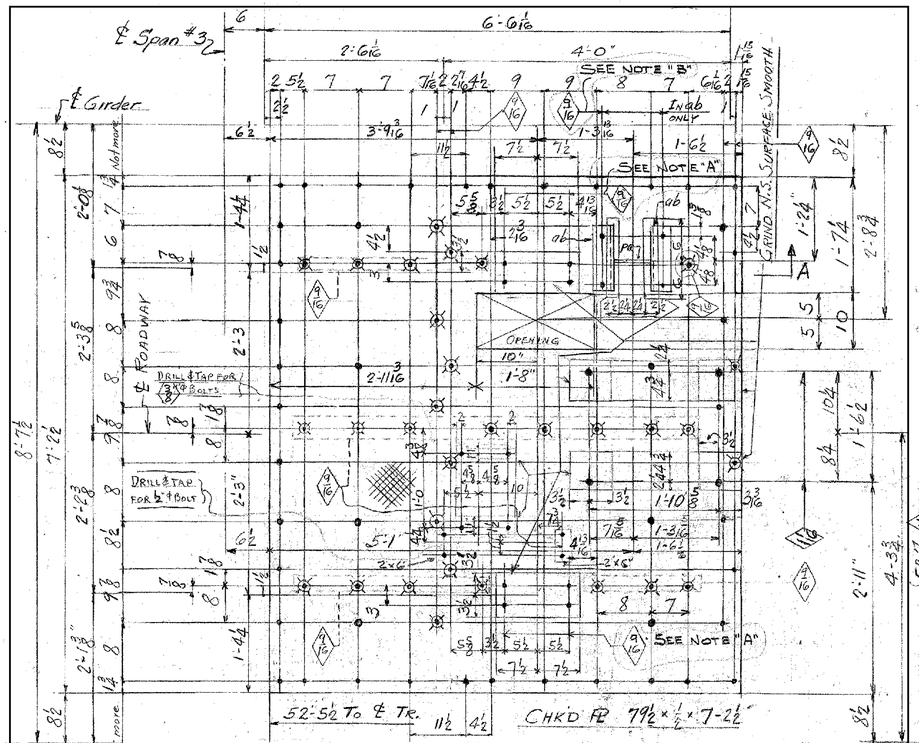

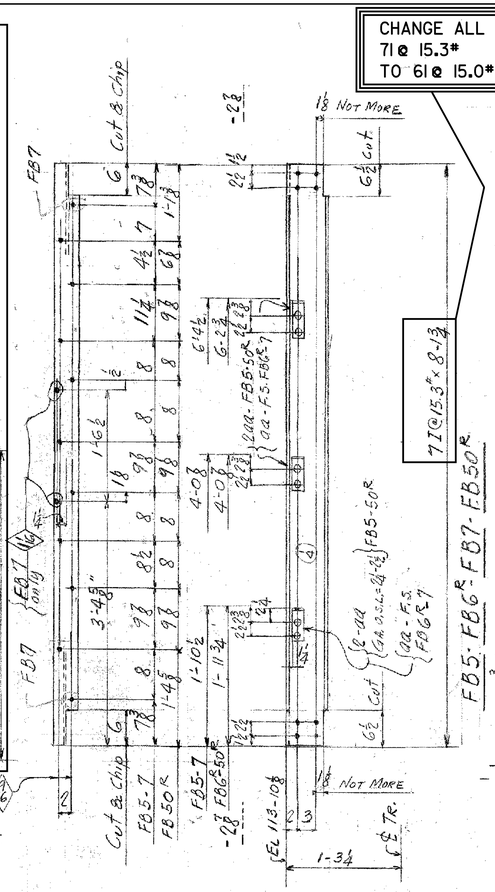

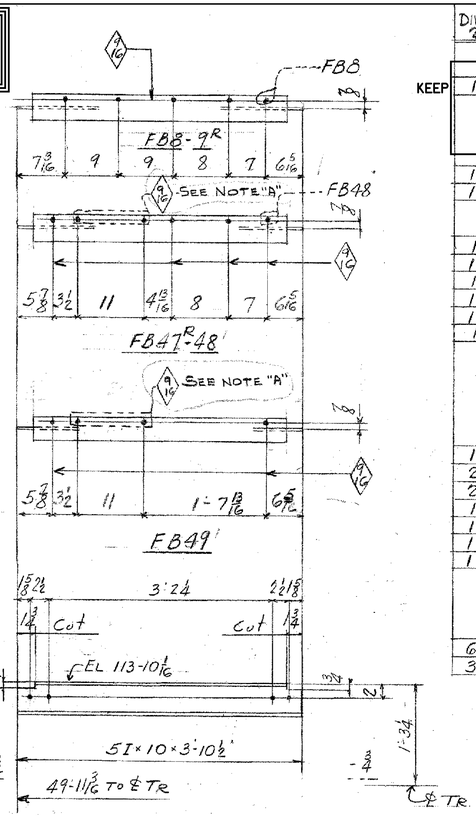

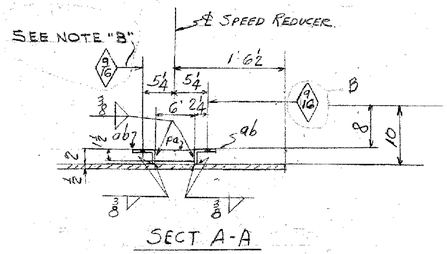

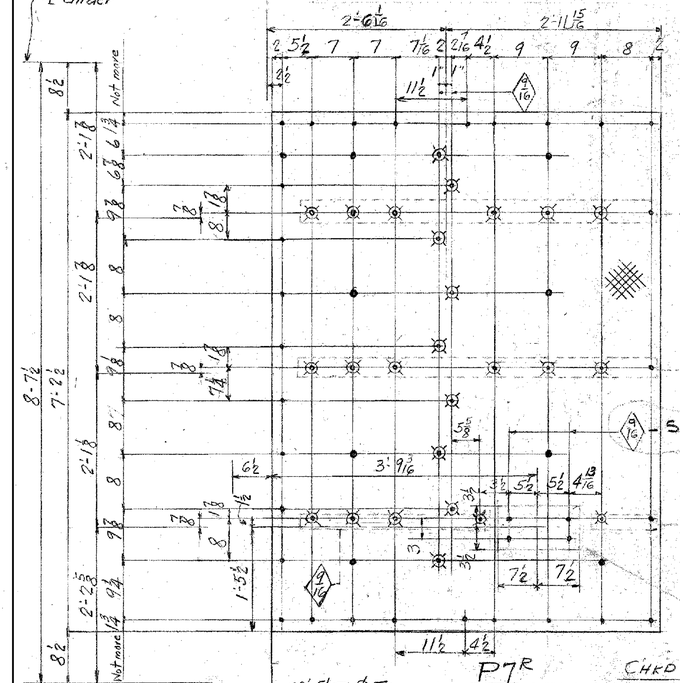

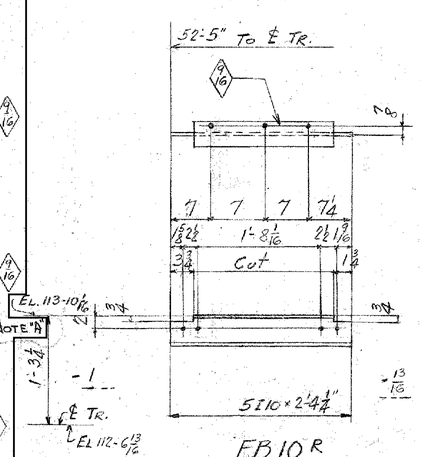

NOTE "A" - 9/16"Φ HOLES. REAM IN FIELD TO 13/16"Φ HOLES FOR TURNED BOLTS.

NOTE "B" - 9/16"Φ HOLES. REAM IN FIELD TO 21/32"Φ HOLES FOR TURNED BOLTS.

DIV 2	SHEET	PIECE MARK	NO. OF PIECES	MATERIAL SHAPE	LENGTH Feet	LENGTH Inches	ASSEM. BLDG. MARK	REMARKS	ORDERED NO.	ORDERED WEIGHT	CALCULATED WEIGHT Pcs. Ea.	CALCULATED WEIGHT TOTAL
KEEP	1	3	1	ONE FLOOR PLATE - P6								
		4	1	CHKD PL ½	2	7	2½					
		5	2	L 4 2 ⅜	0	11	ab	CARNEGIE PATT. M41 CUT 4-3	17-2	1057		
		6	1	PL ½	0	6	pa	WELD	40-0	1038		
		8						WELD				5
	1	8		ONE FLOOR PLATE P7R								
	1	9		ONE FLOOR PLATE P7L								
		10	2	CHKD PL 65½	2	7	22	CARNEGIE PATT. M41	742N72	1057		
	1	12		ONE FLOOR BEAM - FB5								
	1	13		ONE FLOOR BEAM - FB6R								
	1	14		ONE - " " - FB6L								
	1	15		ONE - " " - FB7								
	1	16		ONE - " " - FB50R								
	1	17		ONE - " " - FB50L								
		18	6	7 I 15.3	8	1⅜						
		19	6	L 6 6 ⅜	0	2½	aa	For FB5				5
		20	6	L			aa	" FB6R				
		21	3	L			aa	" FB7				
		22	12	L			aa	" FB50R				↓
		23										
	1	24		ONE FLOOR BEAMS - FB8								
	2	25	2	" "			"	FB9R				
	2	26	2	" "			"	FB9L				
	1	27	ONE	"			"	FB47R				
	1	28	ONE	"			"	FB47L				
	1	29	ONE	"			"	FB48				
	1	30	ONE	" "			"	FB49				
		31	9	5 I 10		3	10½					5
		32										
		33										
		34										
	6	35	6	FLOOR BEAMS - FB10R								
	3	36	3	" " - FB10L								
		37	9	5 I 10		2	44					5
		38										
		39										
		40										
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FLOOR PLATES - P6-P7R
" BEAMS - FB5-6-7-8-9R-10R-47R-48-49
" " - FB50R

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT
FEDERAL PROJECT F128(9)
GRAND ISLE-NORTH HERO BRIDGE
COUNTY OF GRAND ISLE, VT.

DESIGNED FABRICATED AND ERECTED BY
AMERICAN BRIDGE COMPANY
ENGINEERS STEEL CONSTRUCTORS EVERYWHERE

EVERYTHING ON THIS SHEET TO BE REPLACED EXCEPT P6, P7R, AND P7L

RIVS 7/8
HOLES 13/16 UNLE

BASCULE SPAN STRUCTURAL DETAILS

PROJECT NAME: NORTH HERO-GRANDE ISLE
PROJECT NUMBER: BHF 028-1(21)

FILE NAME: structure\s92b284cleandsca
PROJECT LEADER: M. EVANS-MONGEON
DESIGNED BY: S. SCRIBNER
PLOT DATE: 18-OCT-2007
DRAWN BY: L. DUQUETTE
CHECKED BY: S. SCRIBNER
SHEET 15 OF 41