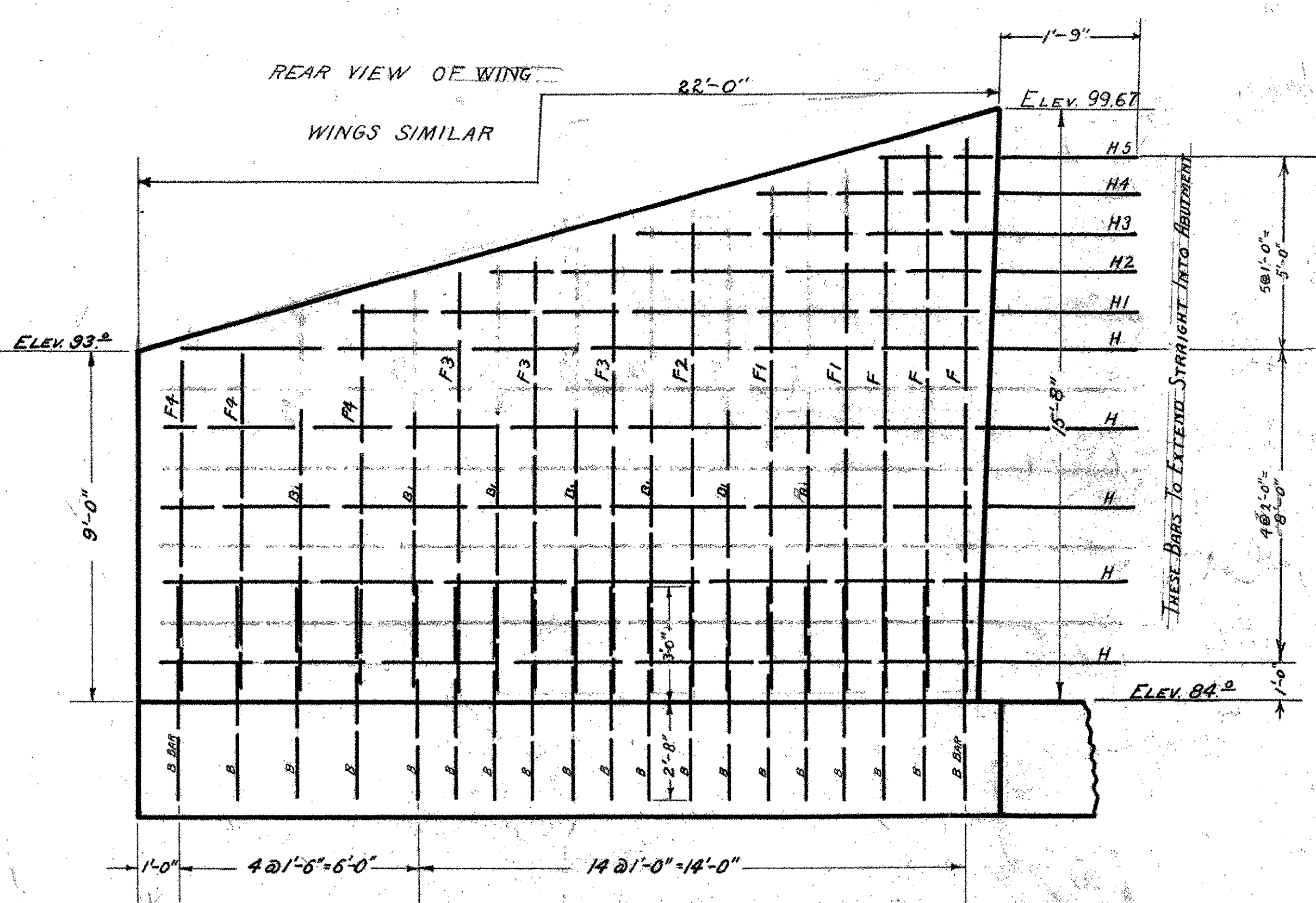


REAR VIEW ABUTMENT



REAR VIEW OF WING
WINGS SIMILAR

UNCHECKED DRAWING

REINFORCING STEEL DETAILS

3/4" ROUNDS			
4" Radius			
3"			
x			
F	x = 13'-6"	Total Length 14'-9"	Required 6
F1	x = 13'-0"	" " 14'-3"	" 4
F2	x = 12'-6"	" " 13'-9"	" 2
F3	x = 11'-6"	" " 12'-9"	" 6
F4	x = 9'-0"	" " 10'-3"	" 6
1/2" ROUNDS STRAIGHT			
H	Length 23'-3"	Required	10
H1	" 19'-3"	"	20
H2	" 16'-0"	"	2
H3	" 12'-0"	"	2
H4	" 8'-0"	"	2
H5	" 7'-0"	"	2
3/4" ROUNDS			
K (STRAIGHT)	Length 8'-0"	Required	16

FOR REMAINDER OF BAR SCHEDULE SEE SHEET No. 5 OF 8.

ABUTMENT NO. 1-DETAILS

NEWFANE - BROOKLINE BRIDGE OVER WEST RIVER
 FR 47 A
 SCALE 3/8" = 1'-0"

Structure excavation	30 cu.yds.
1-2 1/2 Concrete	185 cu.yds.
Reinforcing steel	3420 lbs.

Surveyed by J. Helyar
 Designed by H.P. Radigan
 Drawn by H.P. Radigan
 Traced by F.C. Larsen & W.G. Barrett
 Checked by A. R. Woodruff
 Series 21 No. 2-7-21 Filed
 Sheet 6 of 8 Sheets

REFERENCE SHEET 4 OF 11
 SHEET 71 OF 78