ANY SUITABLE STRUCTURE EXCAVATION USED BY THE CONTRACTOR FOR ANY OTHER PURPOSE OTHER THAN FOR BACK FILL OR APPROACH FILL SHALL BE REPLACED BY AN EQUIVALENT QUANTITY OF BORROW BY THE CONTRACTOR AT HIS OWN EXPENSE UNLESS SAME IS ORDERED WASTED BY THE ENGINEER.

ALL WORK AND MATERIAL SHALL CONFORM TO THE STANDARD ROAD AND BRIDGE SPECIFICATIONS OF THE VERMONT DEPARTMENT OF HIGHWAYS, 1926.

THE ELEVATION OF THE FOOTINGS MAY BE CHANGED BY THE ENGINEER TO MEET THE FOUNDATION REQUIREMENTS IN THE FIELD.

FOUNDATIONS ON LEDGE SHOULD PREFERABLY BE SLOPED TOWARD THE BACK OF THE FOOTINGS ON A BATTER OF ABOUT 1" PER FOOT.

COST OF LABOR AND MATERIALS REQUIRED FOR INSTALLATION OF 4" WEEP HOLES TO BE INCLUDED IN UNIT PRICE BID FOR 1-2½-5 CONCRETE.

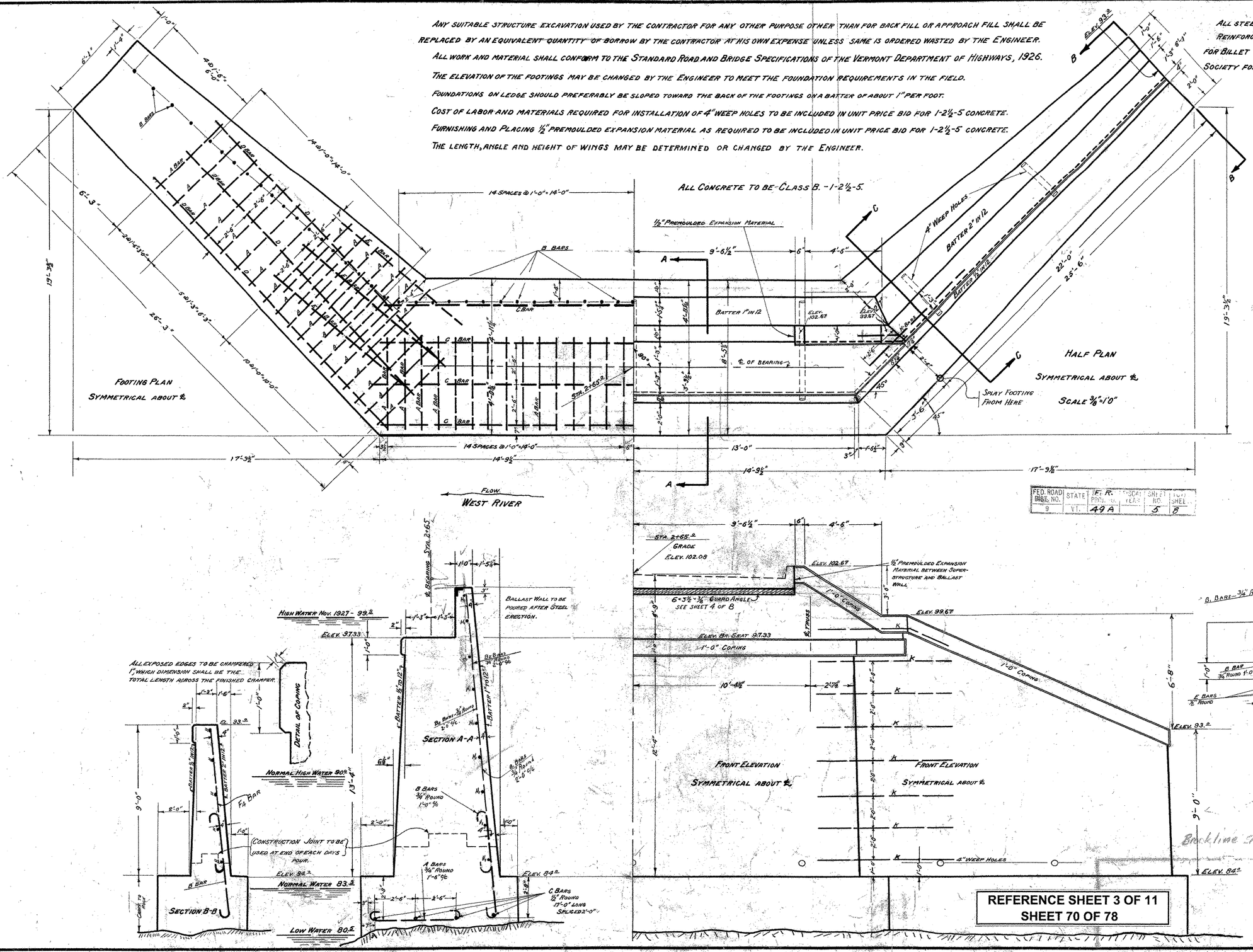
FURNISHING AND PLACING ½" PREMOULDED EXPANSION MATERIAL AS REQUIRED TO BE INCLUDED IN UNIT PRICE BID FOR 1-2½-5 CONCRETE.

THE LENGTH, ANGLE AND HEIGHT OF WINGS MAY BE DETERMINED OR CHANGED BY THE ENGINEER.

ALL STEEL TO BE DEFORMED BARS (EXCEPT AS NOTED).

REINFORCING STEEL TO CONFORM TO STANDARD SPECIFICATIONS FOR BILLET STEEL CONCRETE REINFORCING BARS OF THE AMERICAN SOCIETY FOR TESTING MATERIALS, SERIAL DESIGNATION A15-14.

ALL CONCRETE TO BE CLASS B. - 1-2½-5.



REINFORCING STEEL DETAILS

¾" ROUNDS

4" RADIUS

A BARS	X = 5'-0"	80 REQUIRED TOTAL LENGTH 7'-7"
B "	X = 5'-0"	" " 7'-7" 67 REQUIRED

½" ROUNDS

LENGTH

C BAR	LENGTH	17'-0" – 8 REQUIRED
D "	"	20'-0" – 6 "
E "	"	10'-0" – 6 "

¾" ROUNDS

4" RADIUS

B1 BAR	X = 7'-0"	TOTAL LENGTH 8'-4" - REQUIRED 28
B2 BAR	X = 16'-0"	" 17'-4" - REQUIRED 15

SEE SHEET No 6 OF 8 FOR REMAINDER OF STEEL SCHEDULE.

THE CORRECTNESS OF THIS STEEL SCHEDULE IS NOT GUARANTEED AND NO CLAIM WILL BE ALLOWED ON ACCOUNT OF ANY INACCURACY THEREIN.

REINFORCING BARS SHALL BE OF STRUCTURAL OR INTERMEDIATE GRADE STEEL.

FED. ROAD DIST. NO.	STATE	F. R. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	49 A		5	8

ABUTMENT No. 1 - DETAILS
NEWFANE - BROOKLINE BRIDGE
OVER
WEST RIVER
SCALE 3/8" = 1'

Brookline STA 1,813 over WEST RIVER FR 49 A

REFERENCE SHEET 3 OF 11
SHEET 70 OF 78

Surveyed by J. HELYAR
Designed by RADIGAN
Drawn by RADIGAN
Traced by LARSEN
Checked by M. P. Woodruff
Series 21 No. 2-7-21 Filed
Sheet 5 of 8 Sheets

PRINTED ON "MINERALIT" TRACING CLOTH H. & B. CO., N.Y.