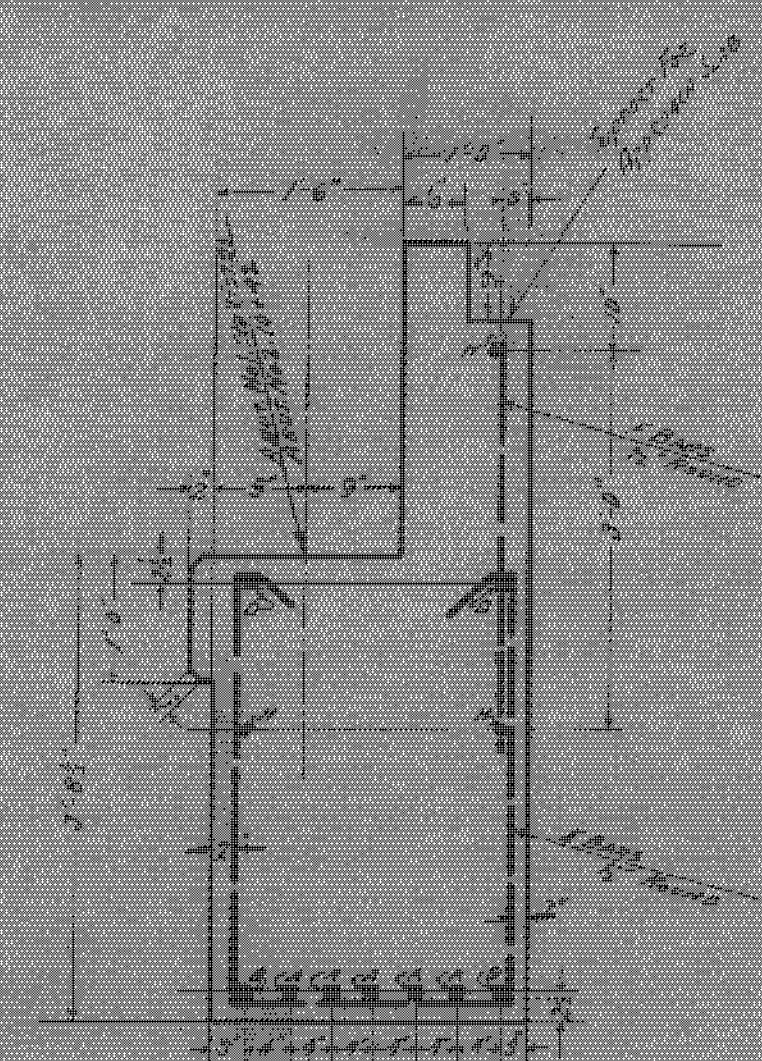
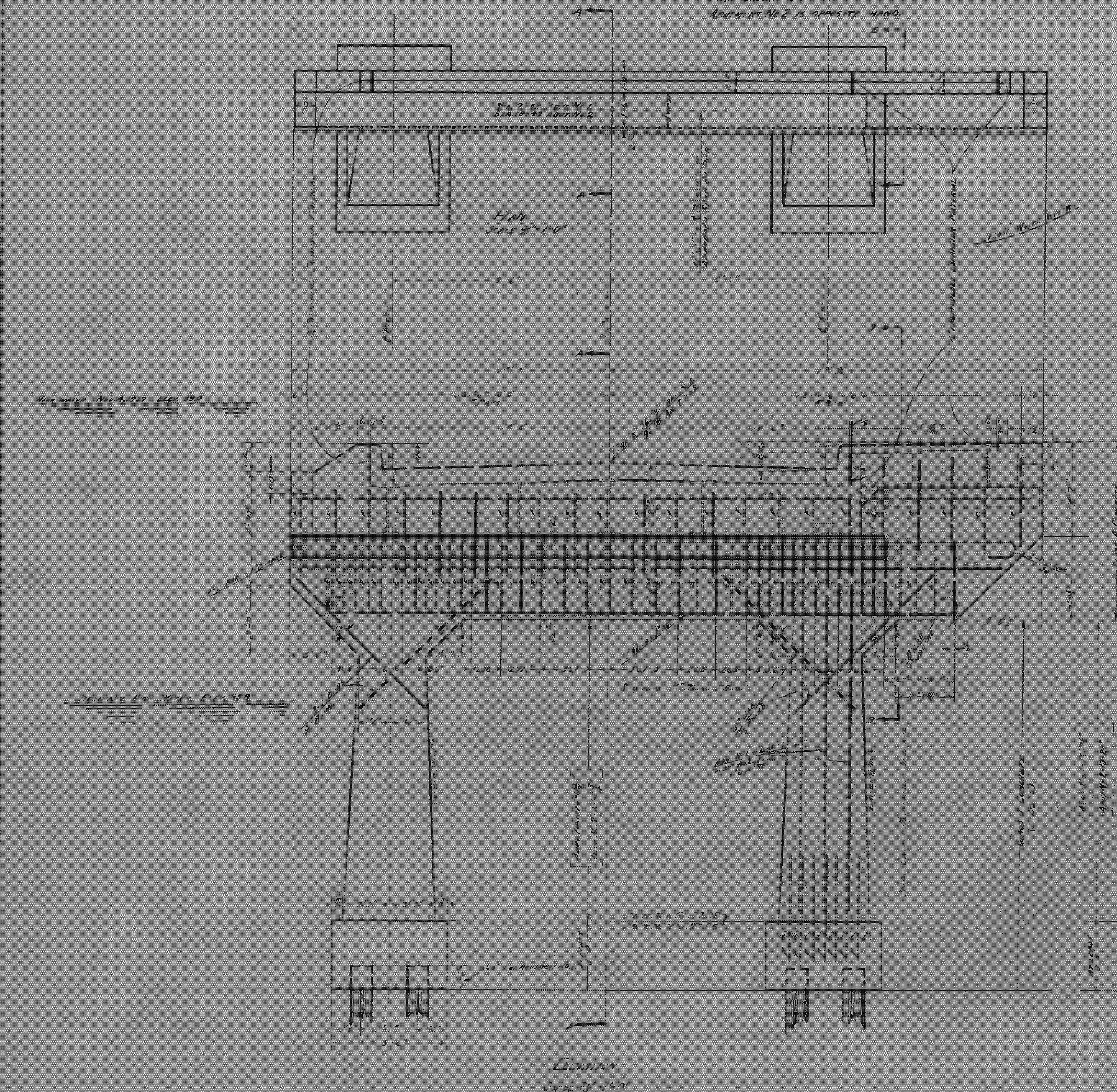


NOTE: SIDEWALK IS ON UPSTREAM SIDE OF ABUTMENTS
 PLAN SHOWN IS FOR ABUTMENT NO. 1
 ABUTMENT NO. 2 IS OPPOSITE HAND.



NOTES:
 ALL CHAMFER EDGES SHALL BE CHAMFERED 1", WHICH DIMENSION SHALL BE THE TOTAL LENGTH ACROSS THE FINISHED CHAMFER.
 ANY SMOOTH STRUCTURE EXCAVATION USED BY THE CONTRACTOR FOR ANY OTHER PURPOSE THAN BANK FILL OR APPROACH FILL SHALL BE REPLACED BY AN EQUIVALENT QUANTITY OF BURNED OR THE CONTRACTOR AT HIS OWN EXPENSE, UNLESS SAME IS ORDERED WRITTEN BY 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 FOUNDATION REQUIREMENTS FOUND IN FIELD. (THESE NOTES APPLY TO PIERS 1 AND 2 ALSO.)

REINFORCING STEEL DETAILS

1 SQUARE

2 BARS

3 BARS

4 BARS

5 BARS

6 BARS

7 BARS

8 BARS

9 BARS

10 BARS

11 BARS

12 BARS

13 BARS

14 BARS

15 BARS

16 BARS

17 BARS

18 BARS

19 BARS

20 BARS

21 BARS

22 BARS

23 BARS

24 BARS

25 BARS

26 BARS

27 BARS

28 BARS

29 BARS

30 BARS

31 BARS

32 BARS

33 BARS

34 BARS

35 BARS

36 BARS

37 BARS

38 BARS

39 BARS

40 BARS

41 BARS

42 BARS

43 BARS

44 BARS

45 BARS

46 BARS

47 BARS

48 BARS

49 BARS

50 BARS

51 BARS

52 BARS

53 BARS

54 BARS

55 BARS

56 BARS

57 BARS

58 BARS

59 BARS

60 BARS

61 BARS

62 BARS

63 BARS

64 BARS

65 BARS

66 BARS

67 BARS

68 BARS

69 BARS

70 BARS

71 BARS

72 BARS

73 BARS

74 BARS

75 BARS

76 BARS

77 BARS

78 BARS

79 BARS

80 BARS

81 BARS

82 BARS

83 BARS

84 BARS

85 BARS

86 BARS

87 BARS

88 BARS

89 BARS

90 BARS

91 BARS

92 BARS

93 BARS

94 BARS

95 BARS

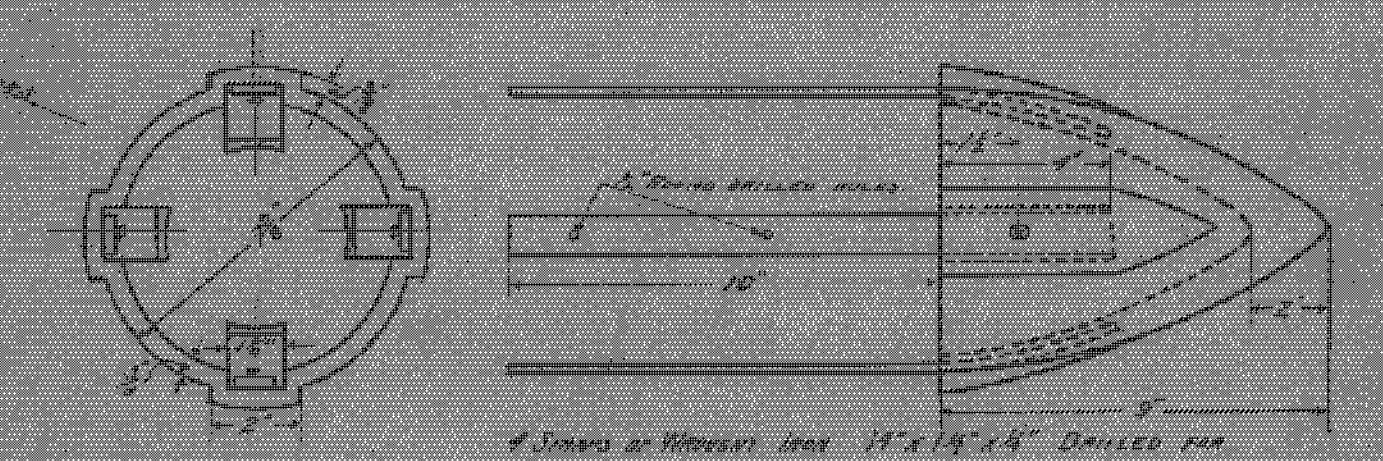
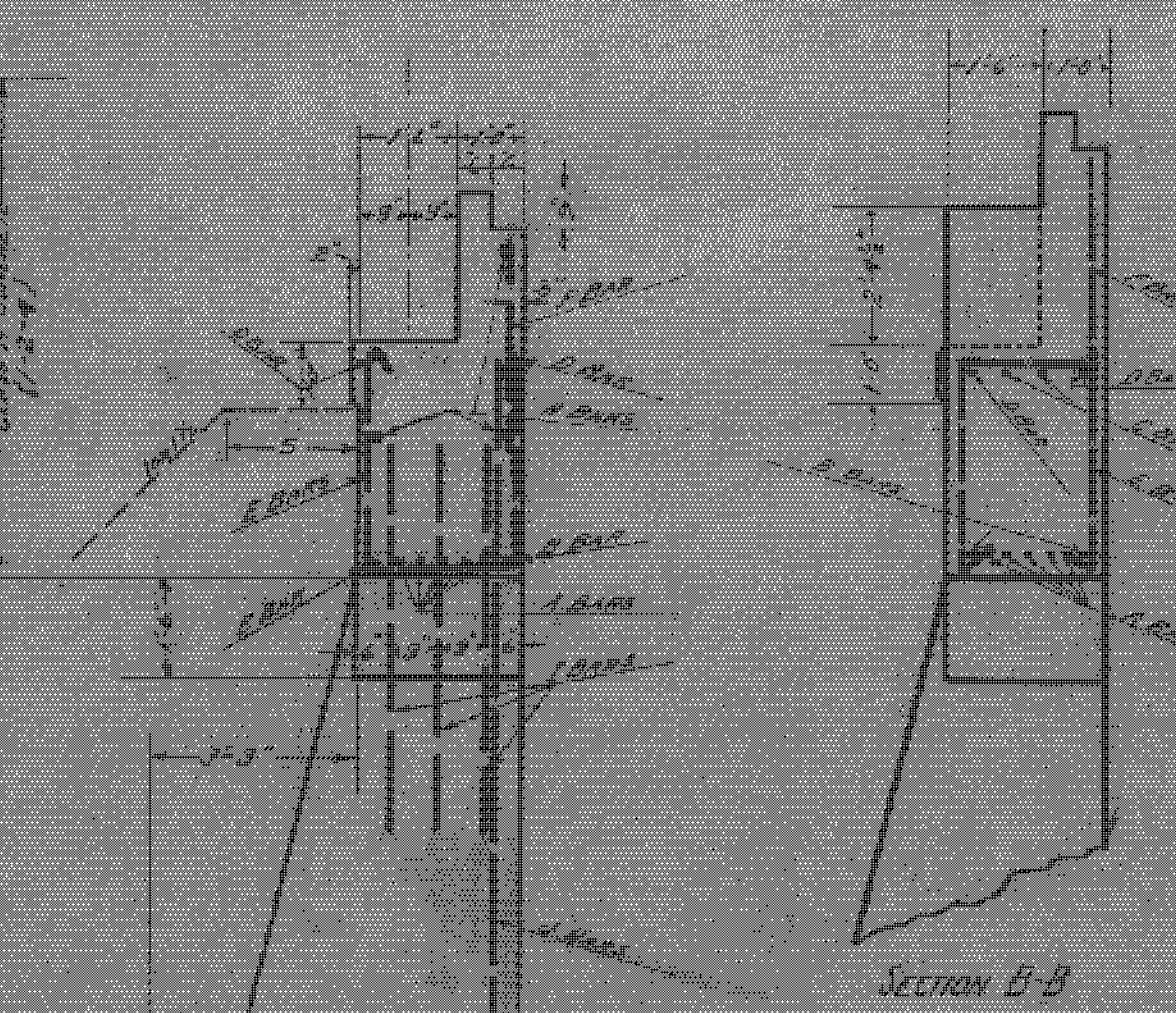
96 BARS

97 BARS

98 BARS

99 BARS

100 BARS



NOTE:
 ABUTMENT NO. 2 IS OPPOSITE HAND TO ABUTMENT NO. 1.
 ALL DIMENSIONS ARE IN FEET AND INCHES.
 IF SETTING IS NECESSARY TWO WATER JACKS SHOULD BE USED WITH A WATER PRESSURE OF AT LEAST 150 TO 200 LBS. PER SQUARE INCH. PUMP TO BE OF RUSTON TYPE WITH A 6" DIAMETER INTAKE PIPE AND A 2" DIAMETER EXHAUST PIPE. THE SET HOLE TO BE ABOUT 2" IN DIAMETER, HOLE IS TO BE 4" IN DIAMETER IN SECTION OR 5" TO 6" IN DIAMETER. UNIT PRICE FOR WOODEN PILES SHALL INCLUDE SETTING IF NECESSARY AND PILING AND PILING PILE SHIPS.
 PILE SHIPS AS PER SKETCH TO BE USED AS DIRECTED BY ENGINEER.
 PILES ASSUMED AT 25' LENGTH FOR ESTIMATING PURPOSES ONLY.
 PILES TO BE DRIVEN TO A 15 TON BEARING VALUE.

ESTIMATED QUANTITIES

CLASS A (10-2) CONCRETE	27 Cu Yds
CLASS B (11-2) CONCRETE	53 Cu Yds
STRUCTURE EXCAVATION	172 Cu Yds
IMPACT PILING	500 LBS. FT.
REINFORCING STEEL	2200 LBS.

Prepared by Thomas
 Designed by Barron
 Drawn by Barron & Barrett
 Checked by Barrett
 Checked by G. R. Latta
 Series P No. 10710
 Sheet 11 of 18 Sheets