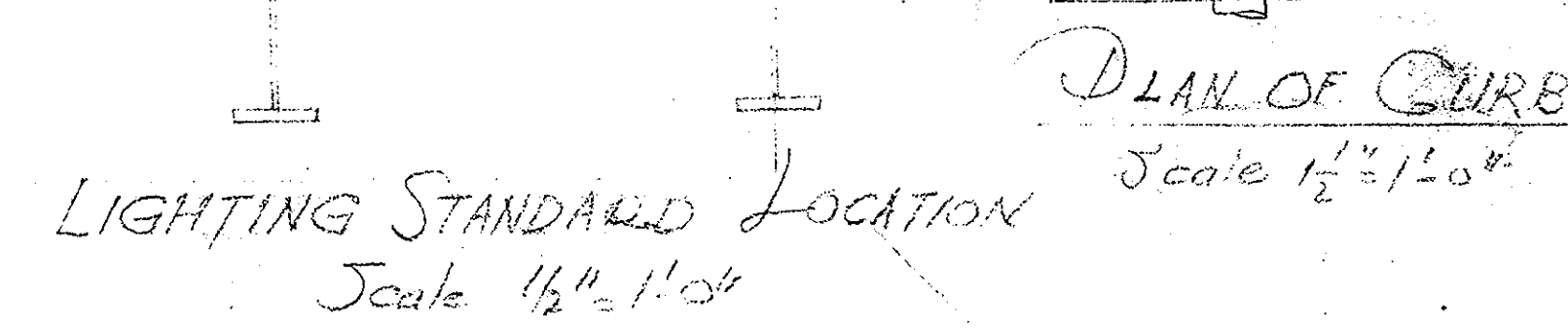
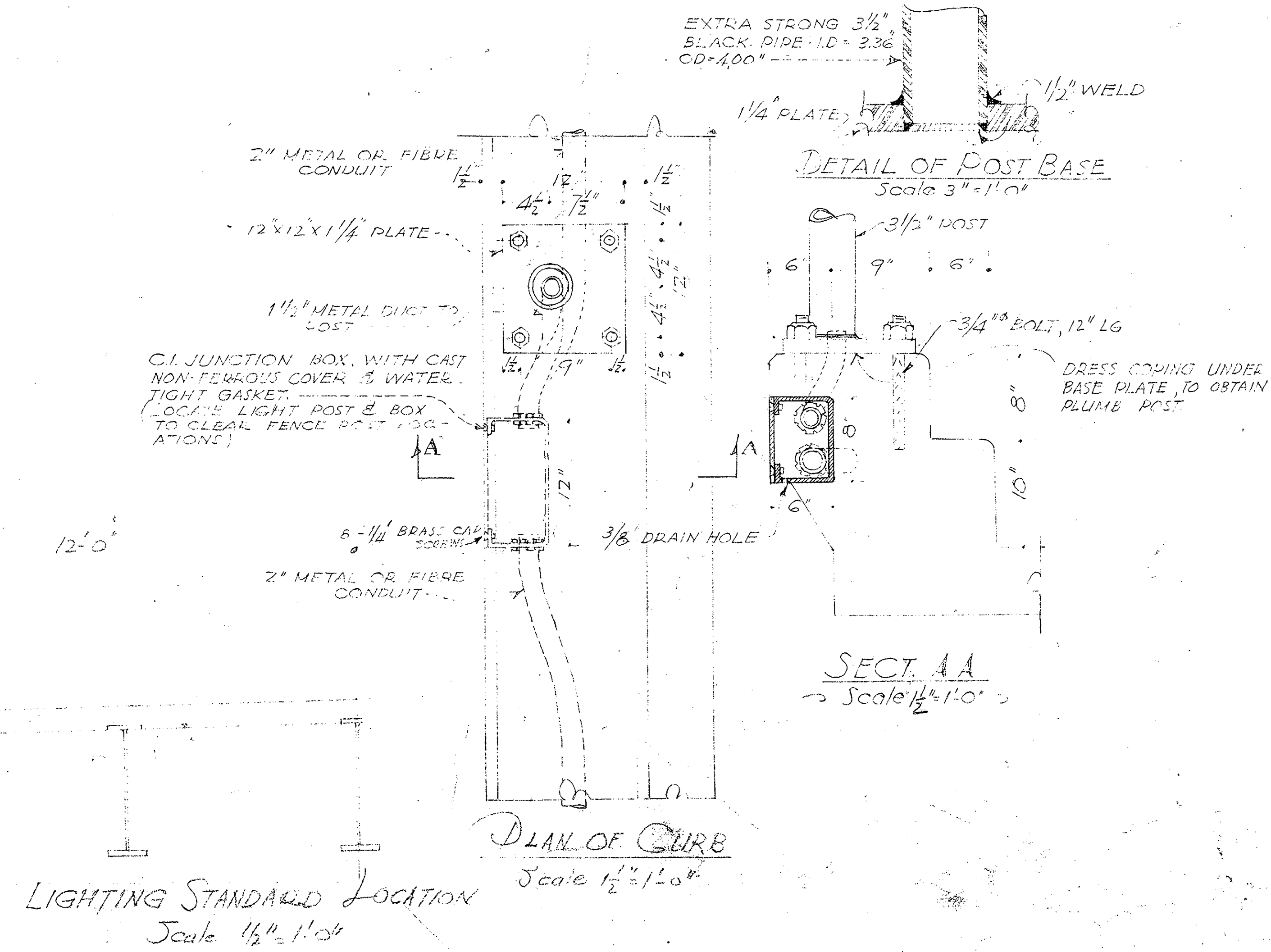
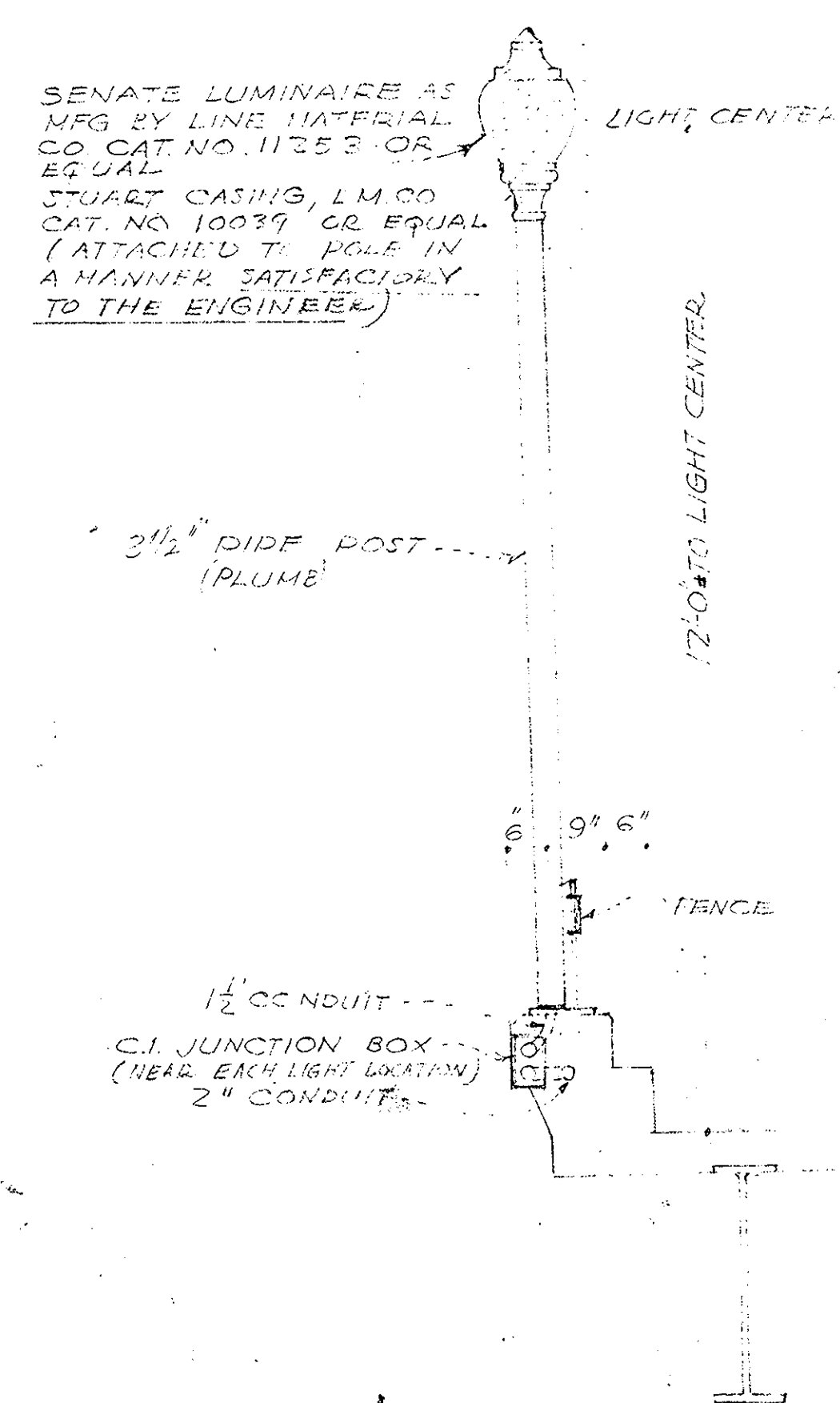


SENATE LUMINAIRE AS MFG BY LINE MATERIAL CO. CAT. NO. 11253 OR EQUAL
STUART CASING, L.M. CO. CAT. NO. 10039 OR EQUAL (ATTACHED TO POLE IN A MANNER SATISFACTORY TO THE ENGINEER)



GENERAL NOTES.

Furnished and installed by Contractor
Contractor to furnish and install, all conduit & fittings, on bridge and on approach, 5 lighting standards complete with luminaire, casing, socket and anchor bolts, and 5 junction boxes, all as shown on plan.
Contractor to furnish and install in 2" conduit on bridge, on approach and in no pole, two single conductor stranded rubber covered 100 volt cables, with 50' of spare left at pole for each cable, and generous loops all as shown in cable diagram.
Workmanship and material shall be in accordance with National Electric Code and shall be satisfactory in all respects to the local Lighting Company and to the town authorities.
Lighting standards to be painted one coat of red lead and two color coats as specified for Structural Steel Painting.
Faces of Junction Boxes to be painted one coat red lead and two coats of Structural Gray paint to match concrete as closely as possible.

Furnished and installed by others
Northern Berkshire Gas Company will furnish and install cables from junction boxes to lighting unit making all connections required and will furnish and connect all pole equipment such as insulators, transformer, cutouts, etc. where required. Gas Company will furnish and install lamps.

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
CHARLEMONT.
PROPOSED BRIDGE LIGHTING
BRIDGE C-5-10 DEPOT STREET
OVER
DEERFIELD RIVER.
OFFICE OF THE BRIDGE ENGINEER,
100 NASHUA STREET, BOSTON, MASS.
AUG 11, 1944

GENERAL NOTES

FOUNDATIONS MAY BE ALTERED IF NECESSARY, TO SUIT CONDITIONS OF CONSTRUCTION DATE TO BE PLACED ON N.B.E. FACE OF NORTHWESTERLY & SOUTH-EASTERLY END POSTS. FOR DETAILS SEE ANOTHER SHEET. ACCORDING TO SPECIFICATIONS OF THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS (341 EDITION) FOR 4.15 LOADING. BENCH MARK AT 33.0' W. TO DISK-TOP OF LEDGE USED AS FOOTING FOR NORTHEAST PIER OF COVERED BRIDGE EL 532.954.

ESTIMATED QUANTITIES (NOT GUARANTEED)

CLASS A ROCK EXCAVATION	10	CU. YDS.
BRIDGE EXCAVATION	7.50	CU. YDS.
TRENCH EXCAVATION	10	CU. YDS.
CHANNEL EXCAVATION	10	CU. YDS.
CLASS B ROCK EXCAVATION	20	CU. YDS.
GRAVEL BORROW	5.50	CU. YDS.
STEEL SHEETING	60,000	POUNDS
CEM. CONC. MASONRY - CLASS A	2.20	CU. YDS.
CEM. CONC. MASONRY - CLASS B	8.40	CU. YDS.
STEEL REINF. FOR STRUCTURES	34,000	POUNDS
STRUCTURAL STEEL ERECTED (INCL. FENCE)	30,400	POUNDS
RIPRAP	7.5	CU. YDS.
TEMPORARY FOOTBRIDGE	1	LUMP SUM
REMOVAL OF PRESENT SUPERSTRUCTURE	1	LUMP SUM
STRIPPING GRAVEL BITUM.	5.5	CU. YDS.
ROCK FILL	7.5	CU. YDS.
BITUMINOUS DAMP-PROOFING	3.5	SQ. YDS.

BORING NOTES

LOCATION OF BORINGS SHOWN ON KEY PLAN THUS @ BORINGS TAKEN FOR PURPOSE OF DESIGN AND SHOW CONDITIONS AT BORING POINTS ONLY BUT DO NOT NECESSARILY SHOW NATURE OF MATERIAL TO BE ENCOUNTERED IN CONNECTION WITH THE CONSTRUCTION OF THE BRIDGE. FIGURES IN COLUMNS INDICATE BLOWS PER FOOT ON 1 1/2" PIPE PRODUCED BY A 24" DROP OF A 140# HAMMER. SAMPLES OF BORINGS ARE AVAILABLE AND MAY BE SEEN AT THE OFFICE OF THE BRIDGE ENGINEER ROOM 609 BORINGS NOS. 1, 1A, 2, 3 TAKEN FEB. 1939. BORINGS NOS. 5, 6, 7, 10, 7d TAKEN MAY 1944.

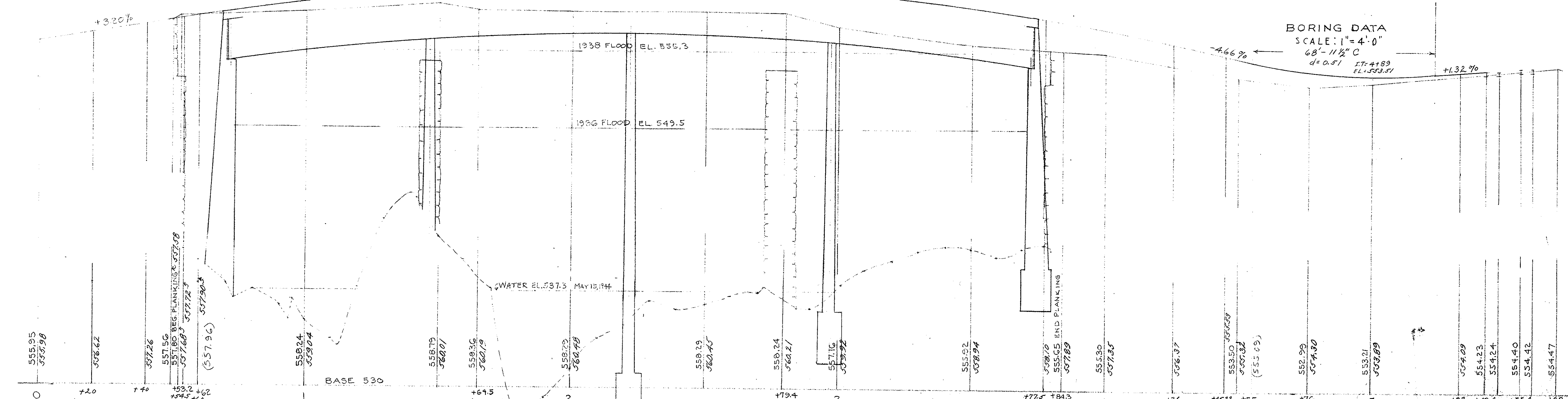
BORING DATA SCALE 1"=8'-0"

Boring No.	Depth (ft)	Material
N#5	516.0	FINE COMPACT GRAY SAND
N#6	516.0	FINE COMPACT GRAY SAND
N#7a	527.0	ROCK OBSTR.
N#7b	527.0	ROCK OBSTR.
N#7c	527.0	ROCK OBSTR.
N#7d	527.0	ROCK OBSTR.

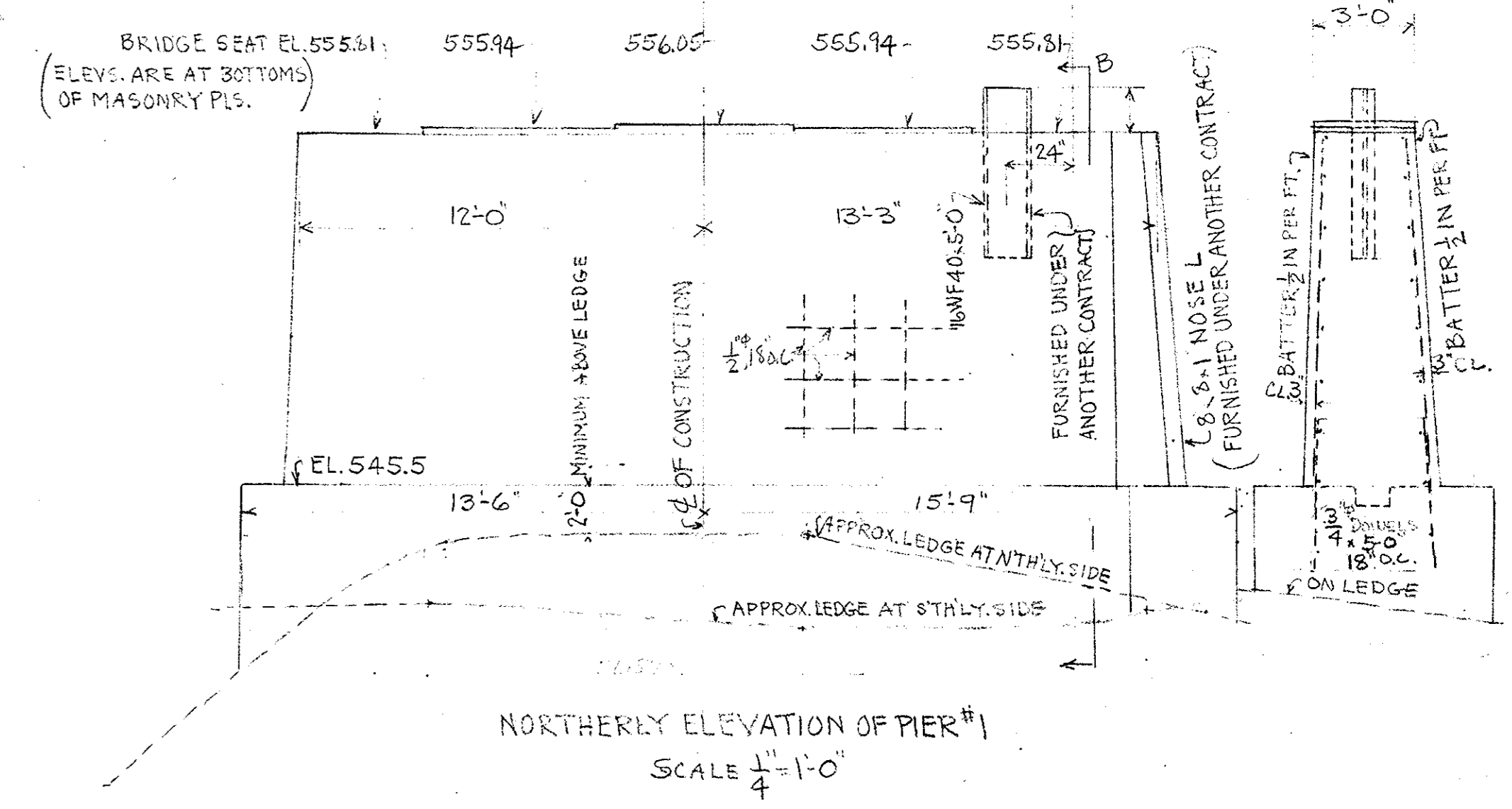
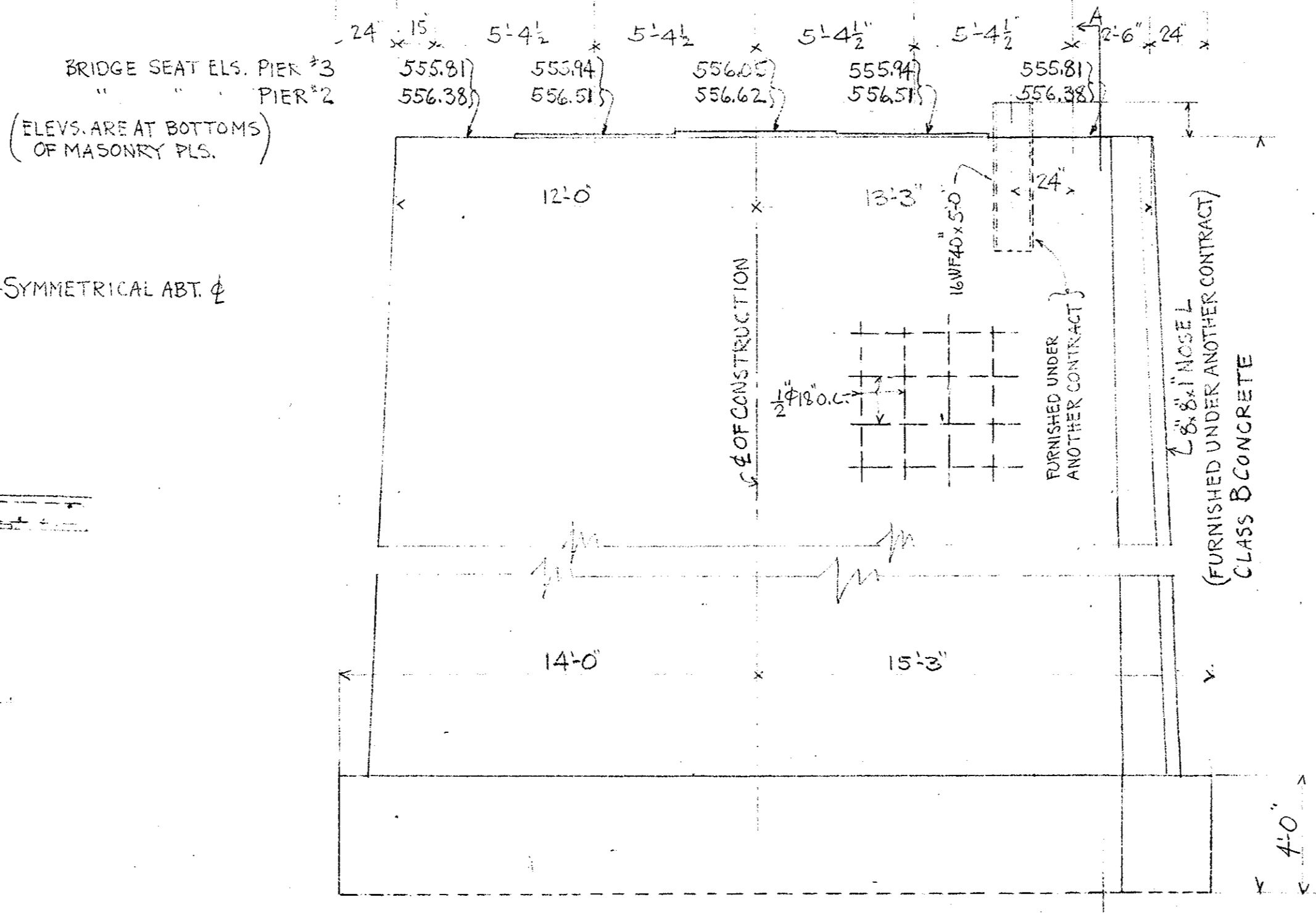
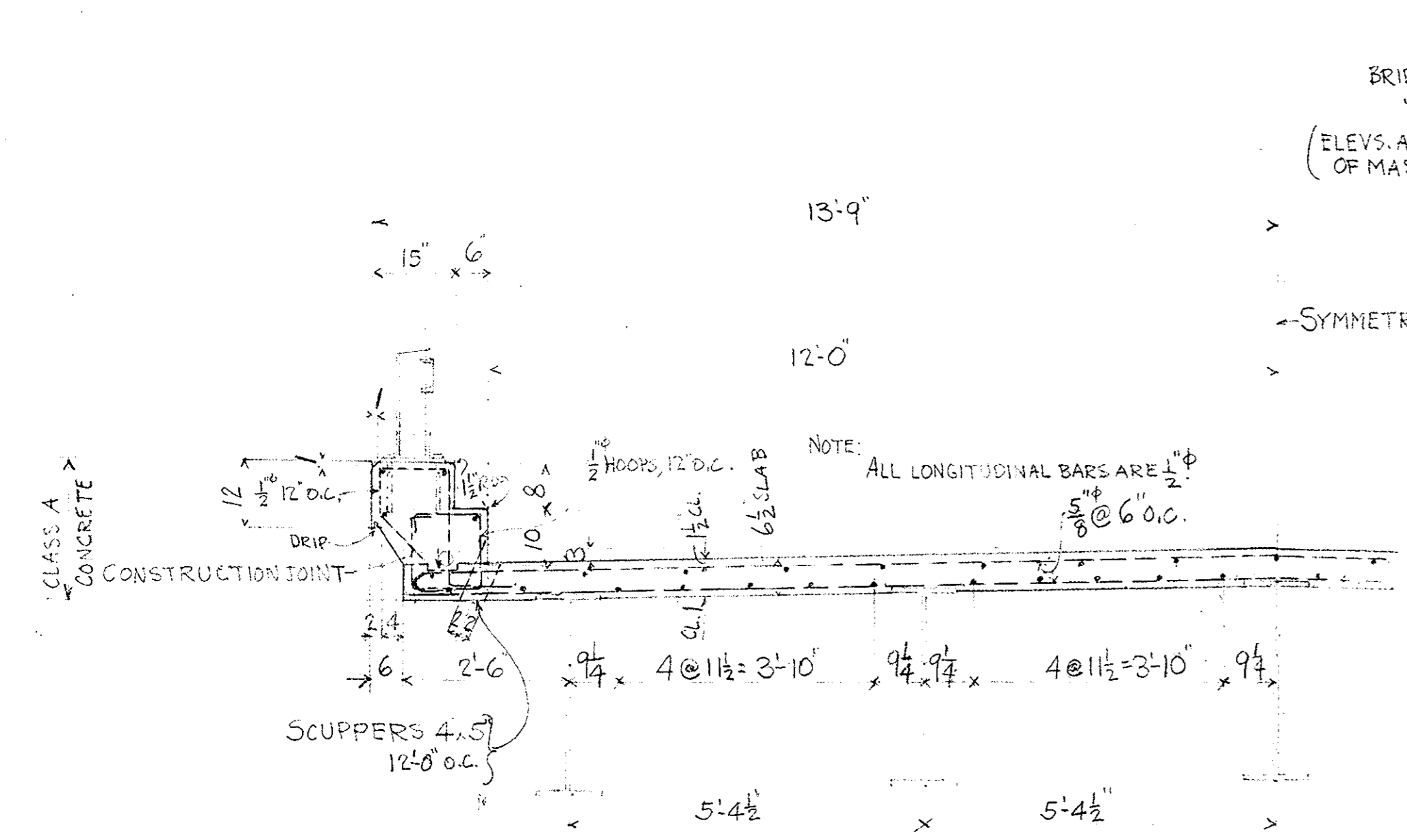
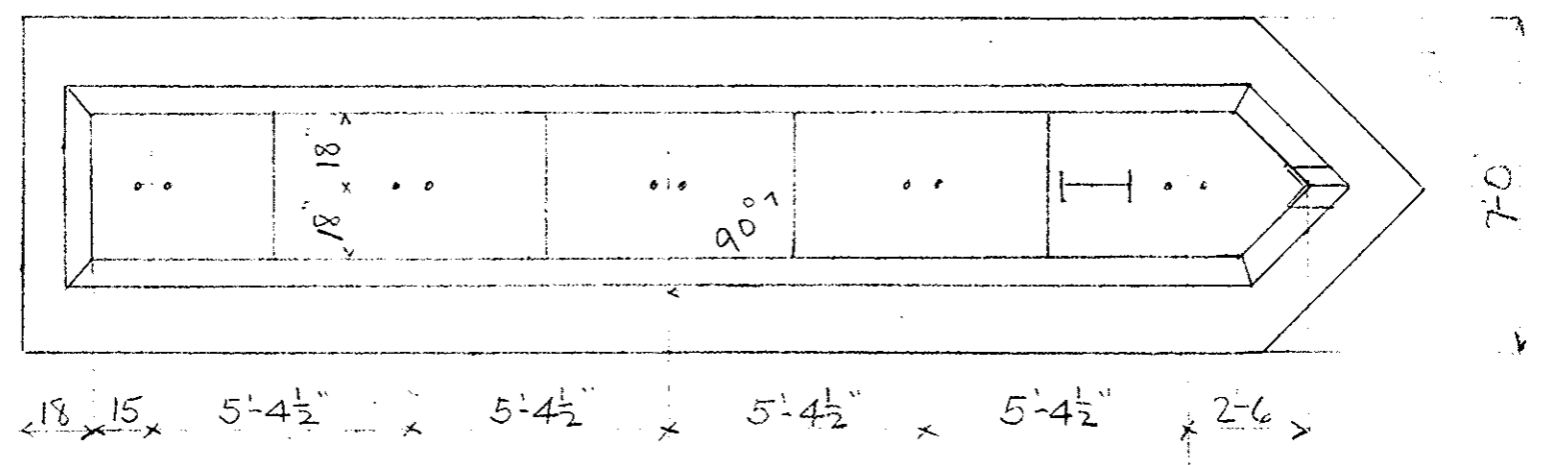
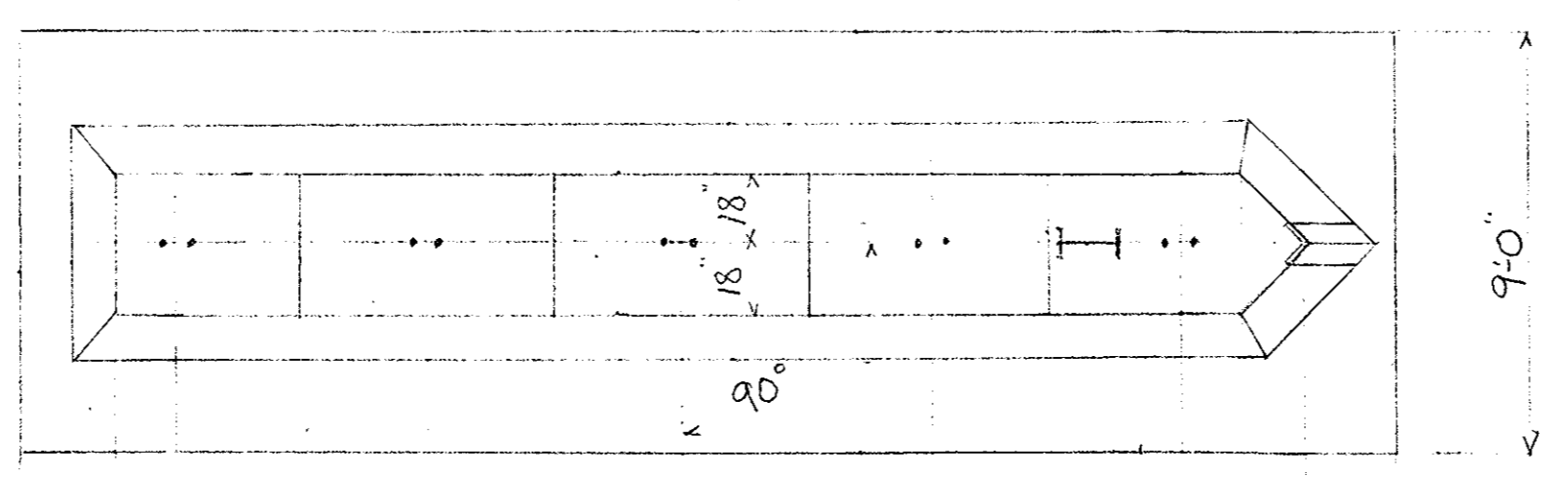
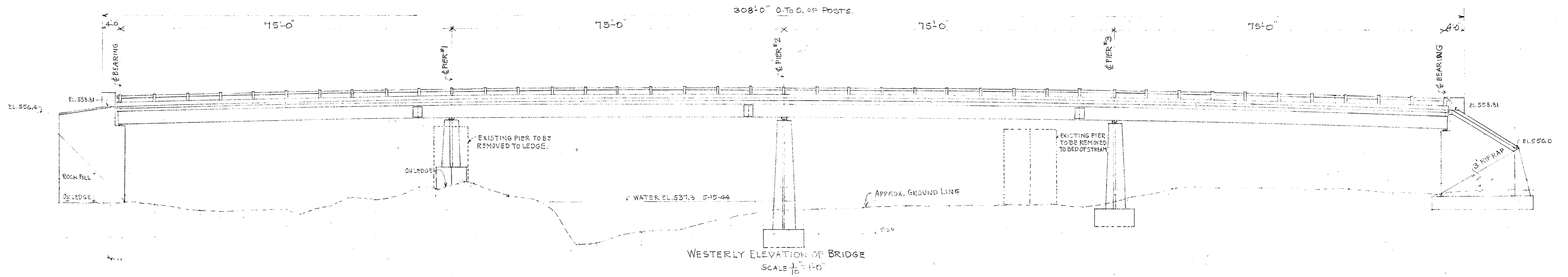
BORING DATA SCALE 1"=4'-0"

68'-11 1/2" C
d=0.51
IT: 41.89
EL. 533.51

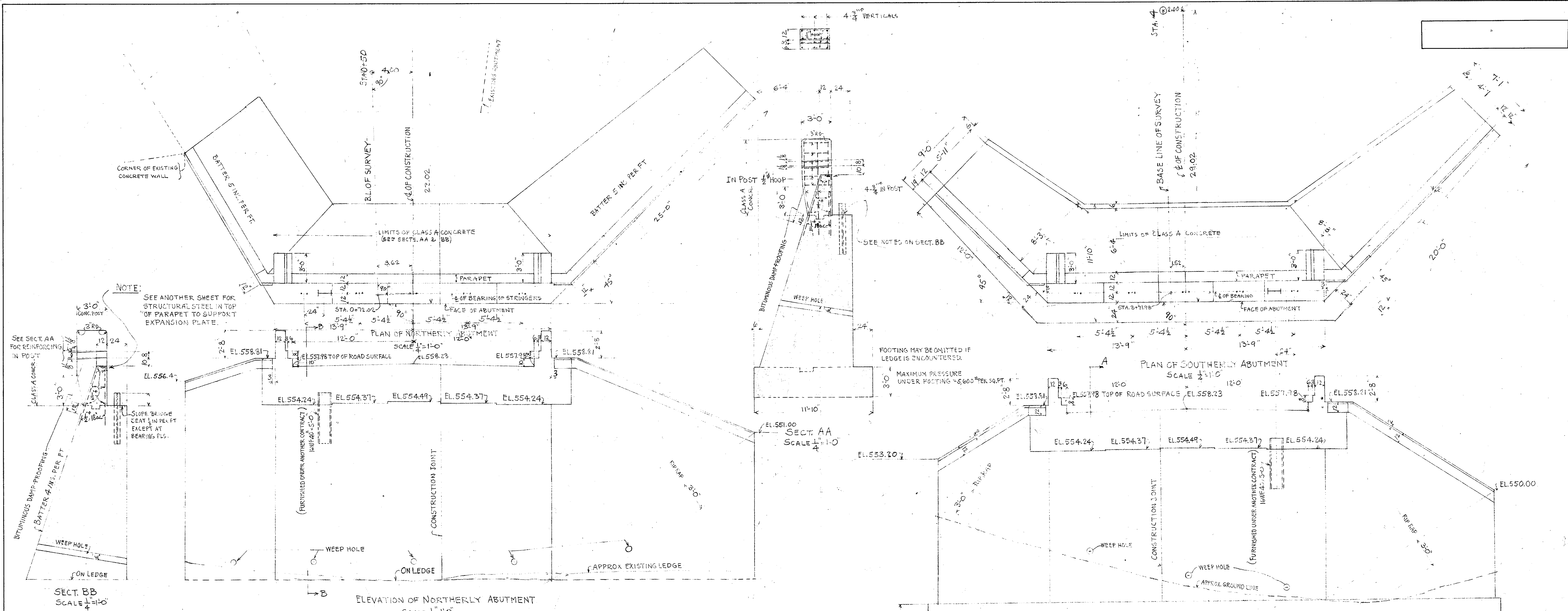
PROFILE HOR. SCALE 1"=20'-0" VERT. SCALE 1"=4'-0"



DATE	SHEET NOS.	DESCRIPTION
LIST OF REVISIONS - USE ONLY PRINTS OF LATEST DATE		
THE COMMONWEALTH OF MASSACHUSETTS PROPOSED BRIDGE CHARLEMONT DEPOT ST. OVER DEERFIELD RIVER SCALES AS NOTED OFFICE OF DEPARTMENT OF PUBLIC WORKS 100 NASHUA ST. - BOSTON, MASS. JUNE 1944		
R. O. Spafford BRIDGE ENGINEER		R. W. Edson CHIEF ENGINEER
DESIGNED BY J. R. B. TRACED BY J. R. B. CHECKED BY W. A. H.		DATE OF ISSUE
ADVERTISING - CONSTRUCTION	6-3-44	6-20-44



CITY-TOWN CHARLEMONT
DES. BY J.R.B. TRACED BY J.R.B. CHECKED BY W.A.H.



NOTE: SEE ANOTHER SHEET FOR STRUCTURAL STEEL IN TOP OF PARAPET TO SUPPORT EXPANSION PLATE.

NOTE: ALL CONCRETE IN ABUTMENTS IS CLASS B. EXCEPT AS SHOWN.

