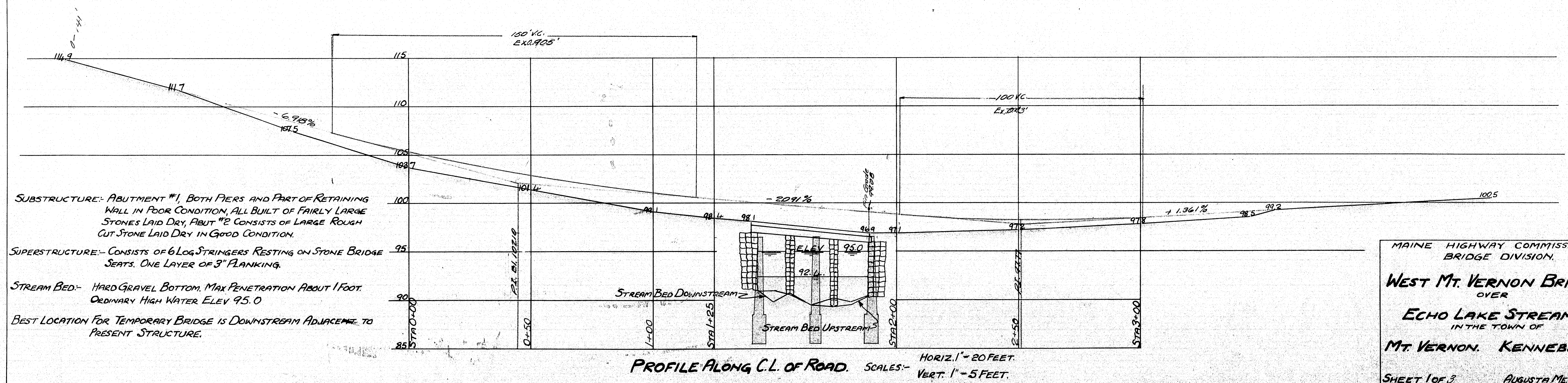


PLAN. SCALE 1" = 20 FEET.



SUBSTRUCTURE: ABUTMENT #1, BOTH PIERS AND PART OF RETAINING WALL IN POOR CONDITION, ALL BUILT OF FAIRLY LARGE STONES LAID DRY, ABUT #2 CONSISTS OF LARGE ROUGH CUT STONE LAID DRY IN GOOD CONDITION.

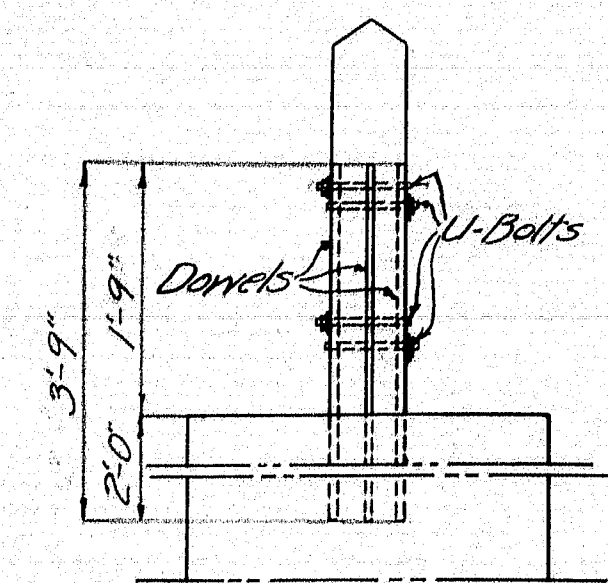
SUPERSTRUCTURE: CONSISTS OF 6 LOG STRINGERS RESTING ON STONE BRIDGE SEATS. ONE LAYER OF 3" PLANKING.

STREAM BED: HARD GRAVEL BOTTOM, MAX PENETRATION ABOUT 1 FOOT. ORDINARY HIGH WATER ELEV 95.0

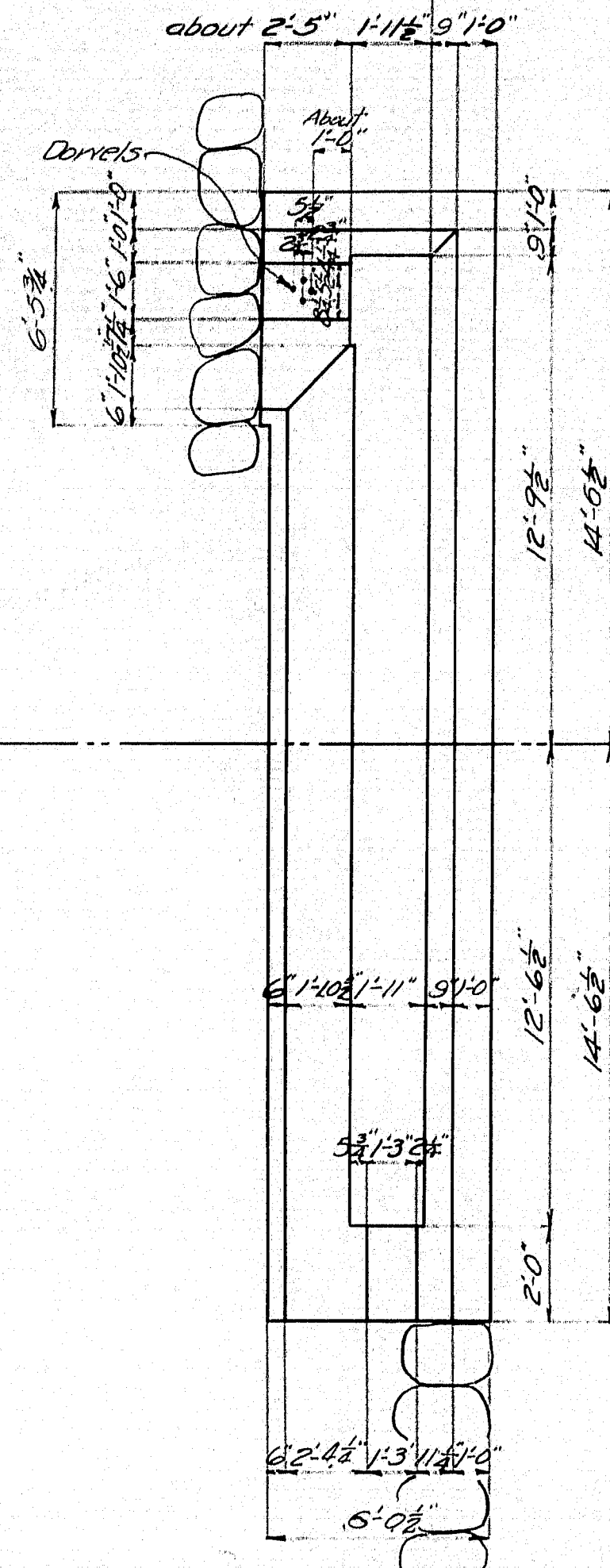
BEST LOCATION FOR TEMPORARY BRIDGE IS DOWNSTREAM ADJACENT TO PRESENT STRUCTURE.

PROFILE ALONG C.L. OF ROAD. SCALES: HORIZ. 1" = 20 FEET. VERT. 1" = 5 FEET.

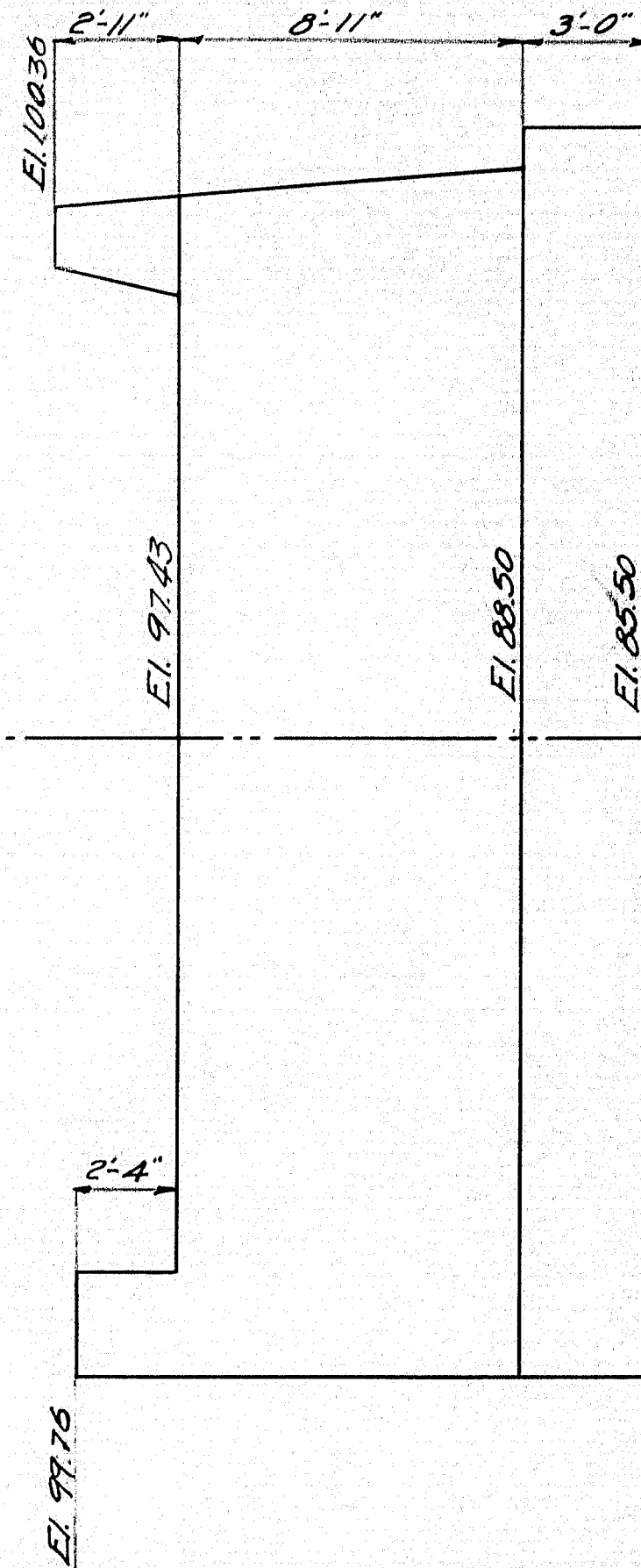
MAINE HIGHWAY COMMISSION
BRIDGE DIVISION.
WEST MT. VERNON BRIDGE.
OVER
ECHO LAKE STREAM.
IN THE TOWN OF
MT. VERNON. KENNEBEC CO.
SHEET 1 OF 3 AUGUSTA ME. SEPT-10-28



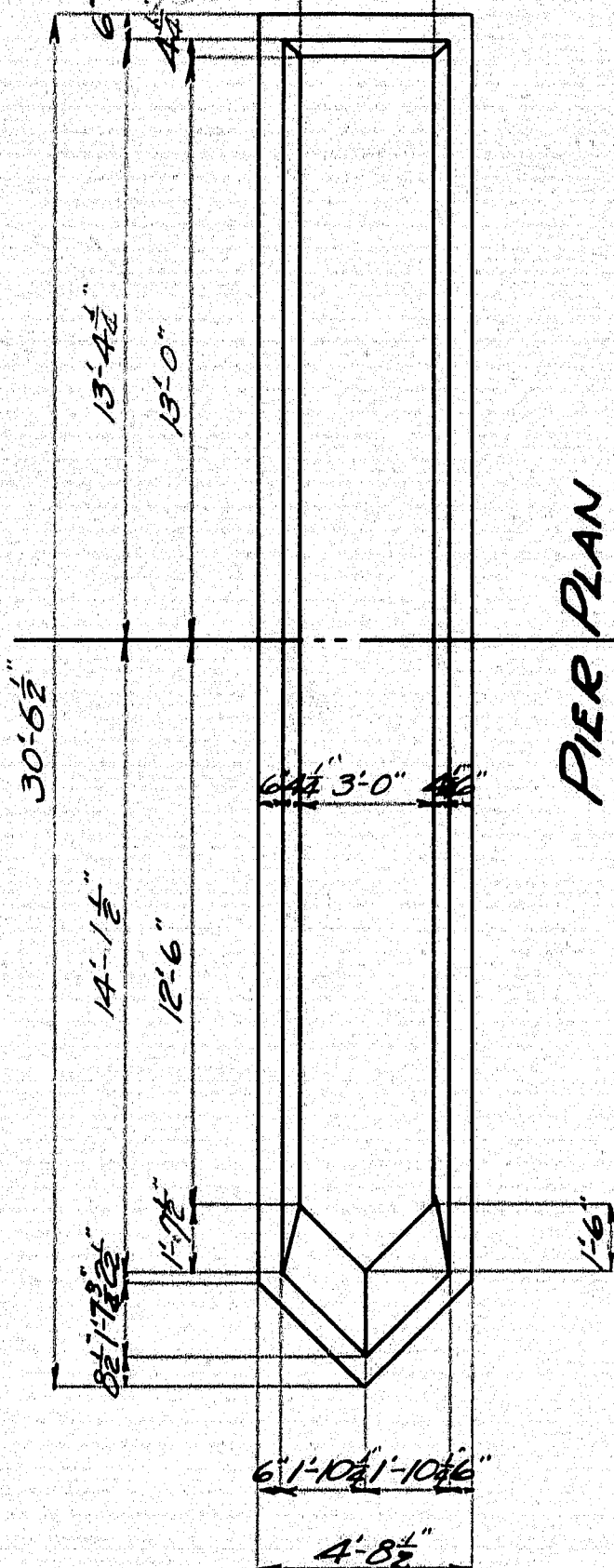
GUARD RAIL POST DETAIL



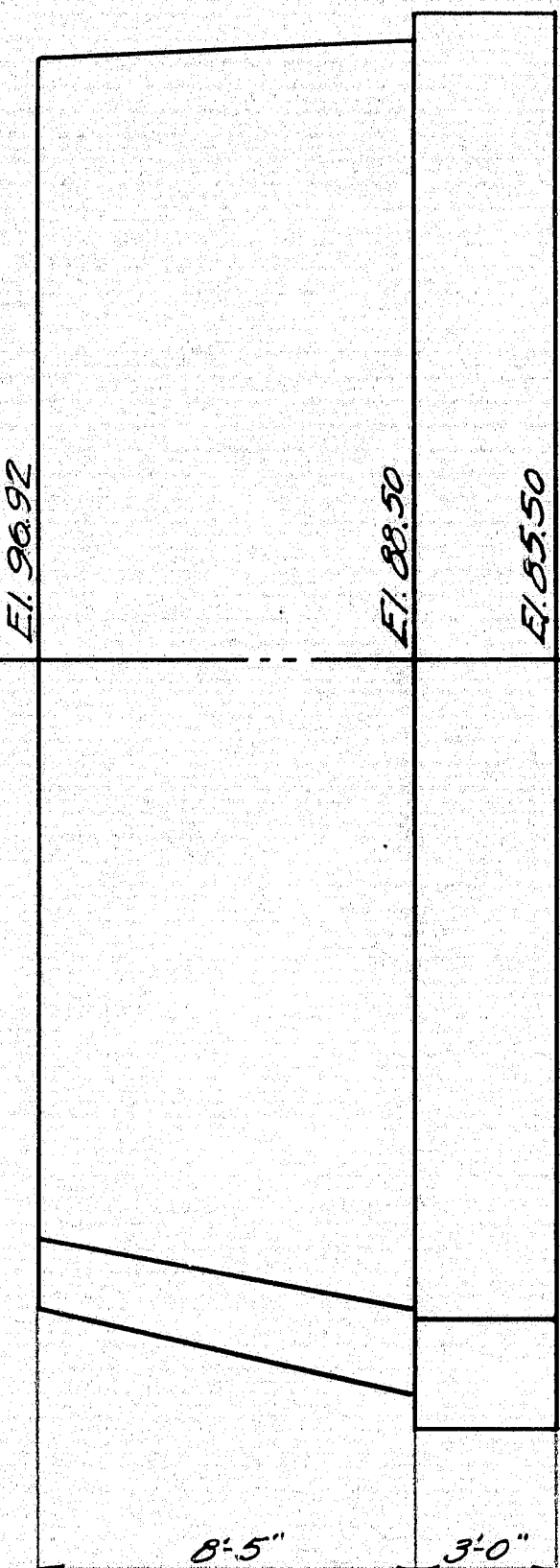
PLAN ABUTMENT 1



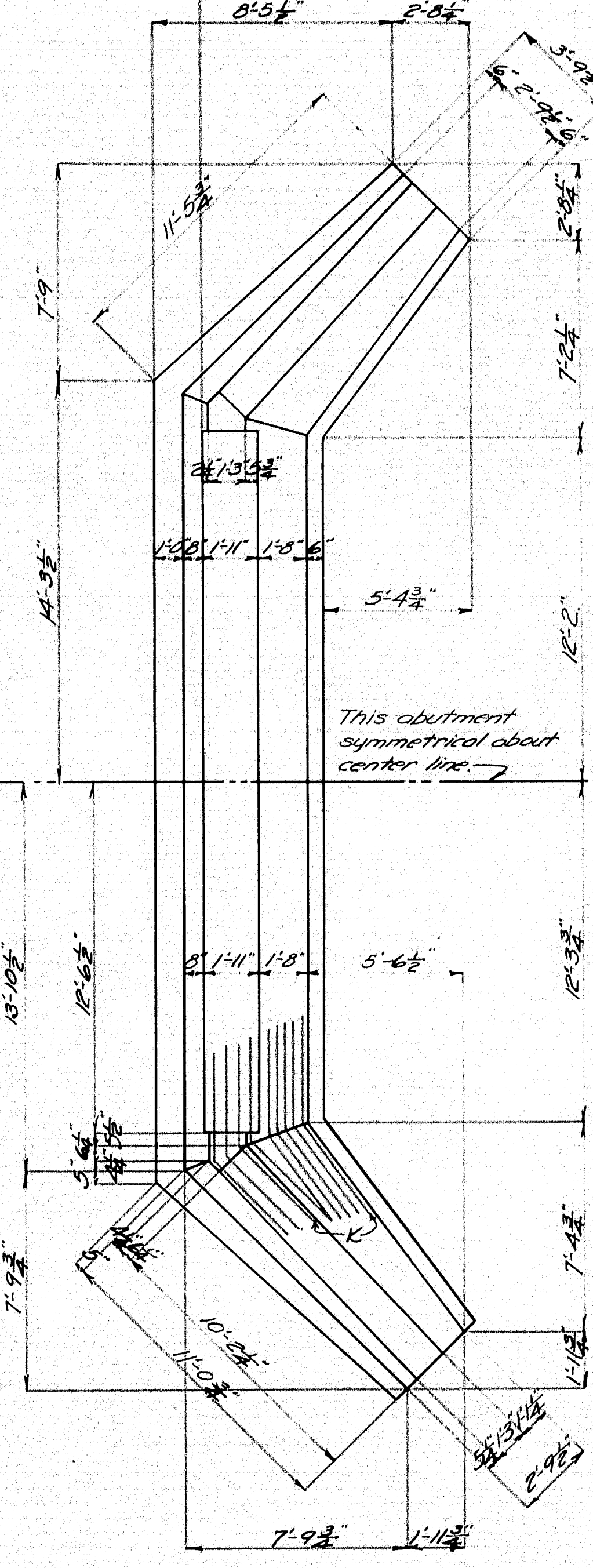
FRONT ELEVATION ABUT. 1



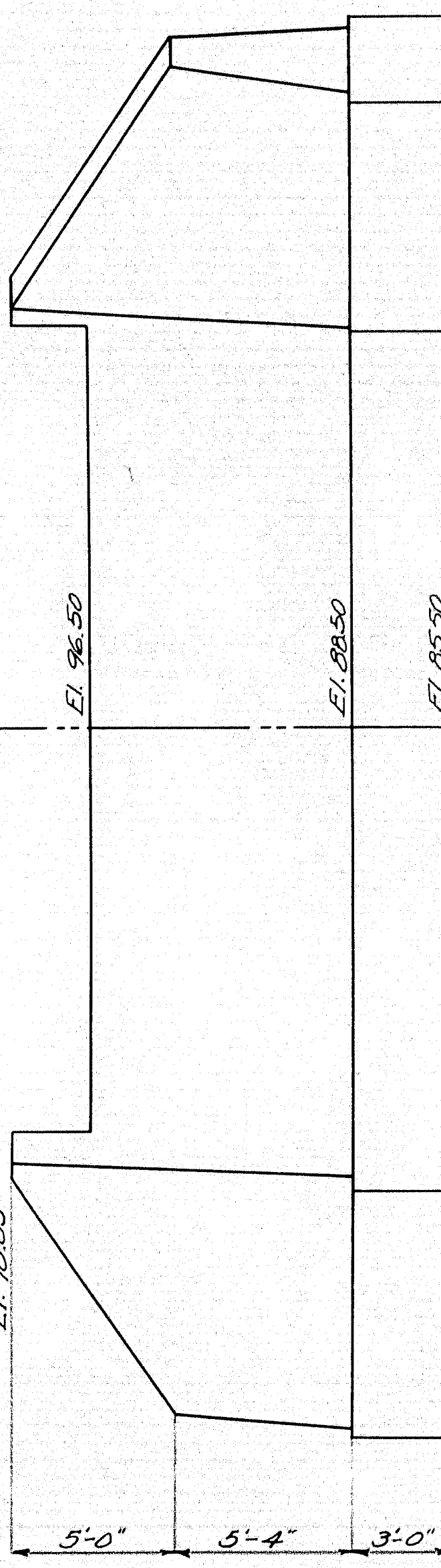
PIER PLAN



PIER ELEVATION

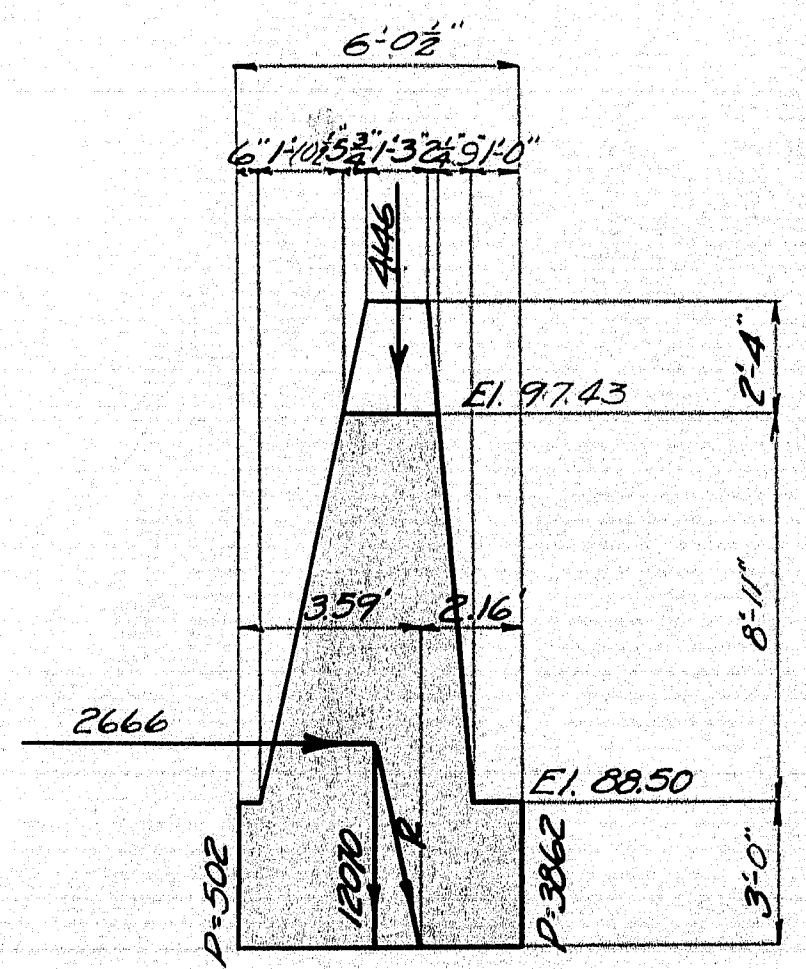


PLAN ABUTMENT 2

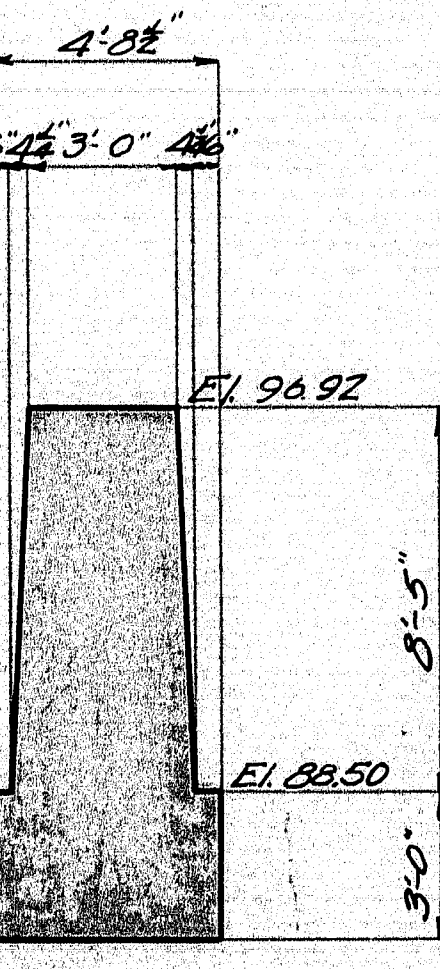


HALF FRONT ELEVATION ABUT. 2

HALF REAR ELEVATION ABUT. 2



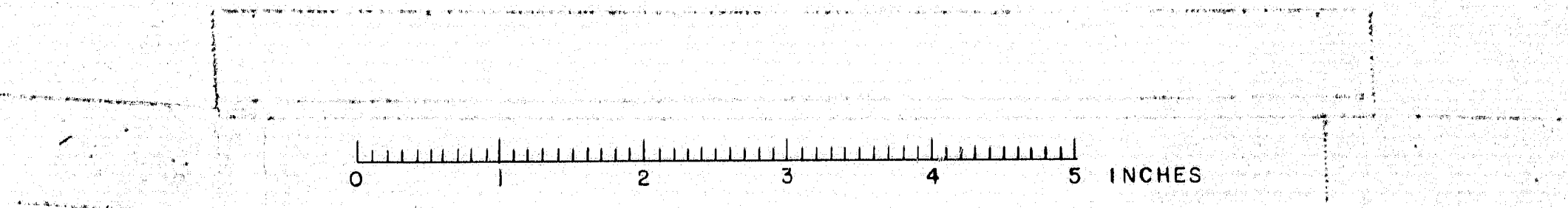
ABUTMENT SECTION

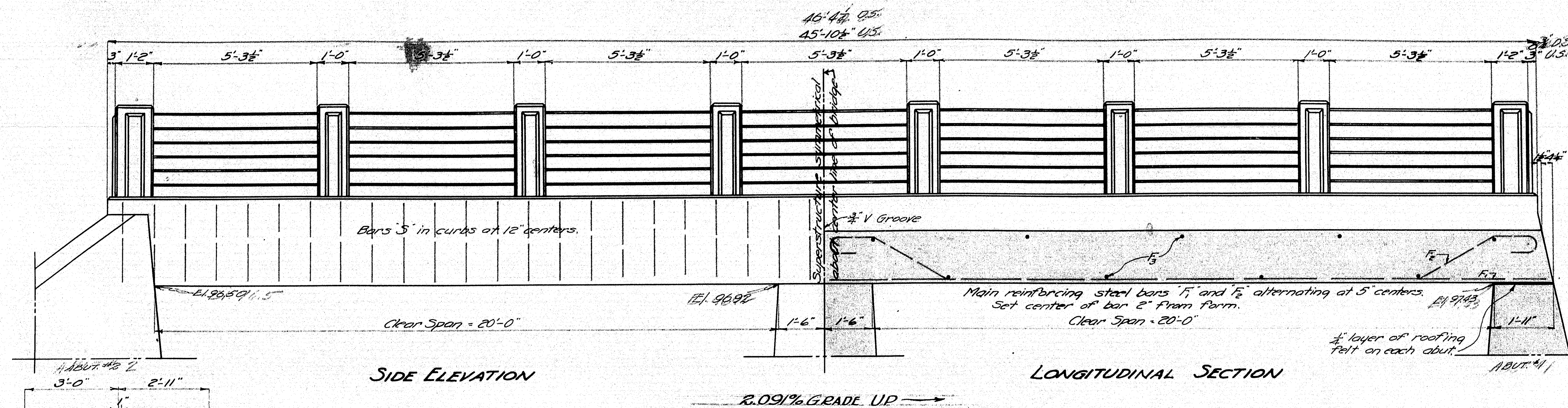


PIER SECTION

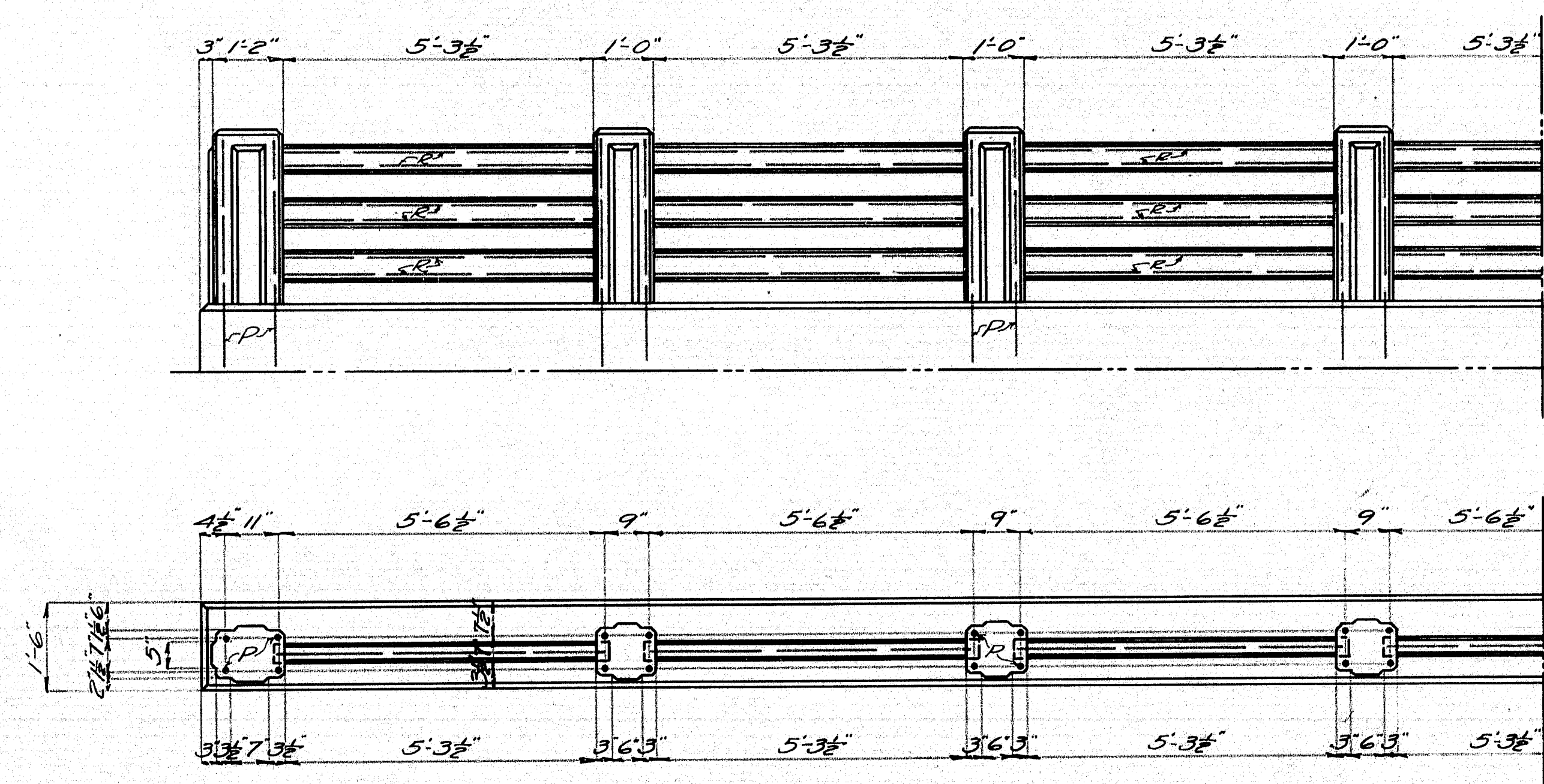
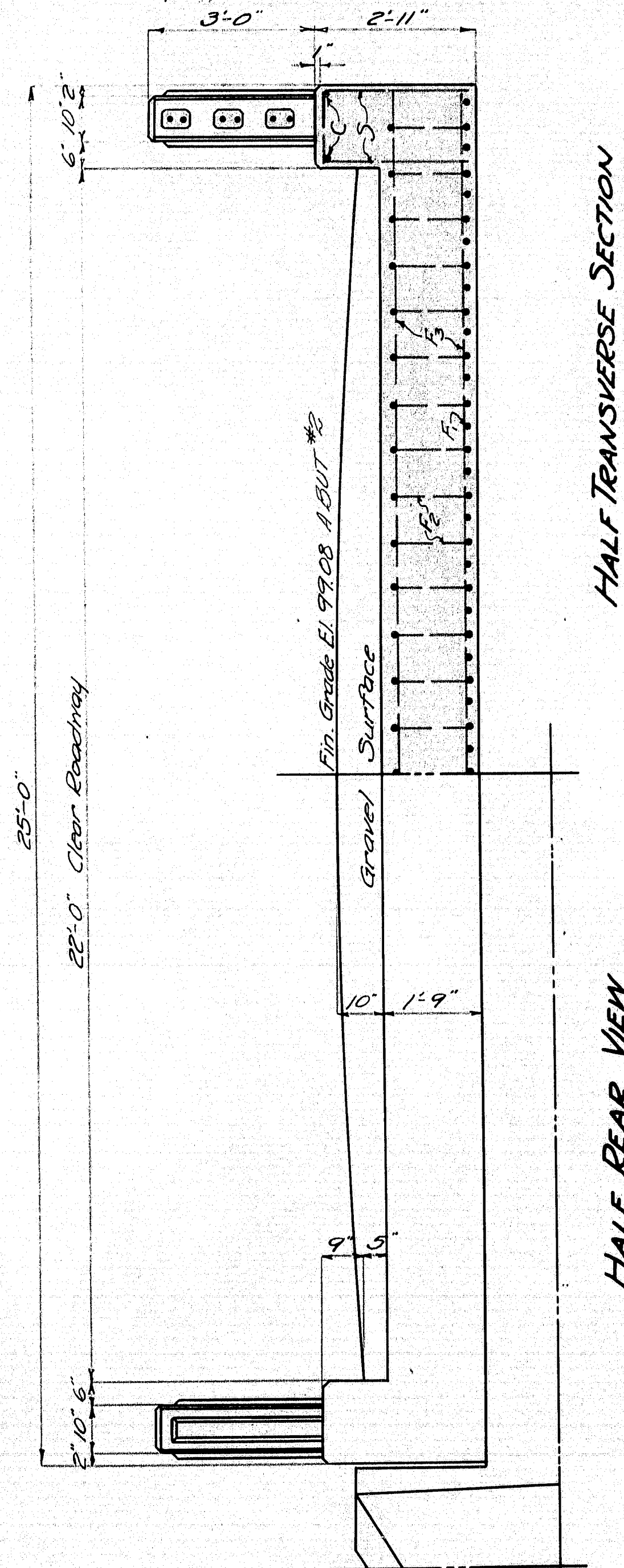
Note: Abutment No. 2 only, "K" bars at each junction of abutment and wing walls at 1'-6" centers vertically 6" from rear form and at 4" centers 6" below bridge seat elevation.

MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
WEST MT. VERNON BRIDGE
OVER
ECHO LAKE STREAM
IN THE TOWN OF
MT. VERNON KENNEBEC CO.
SUBSTRUCTURE DETAILS
SHEET 2 OF 3 AUGUST 1929 MAR. 1929

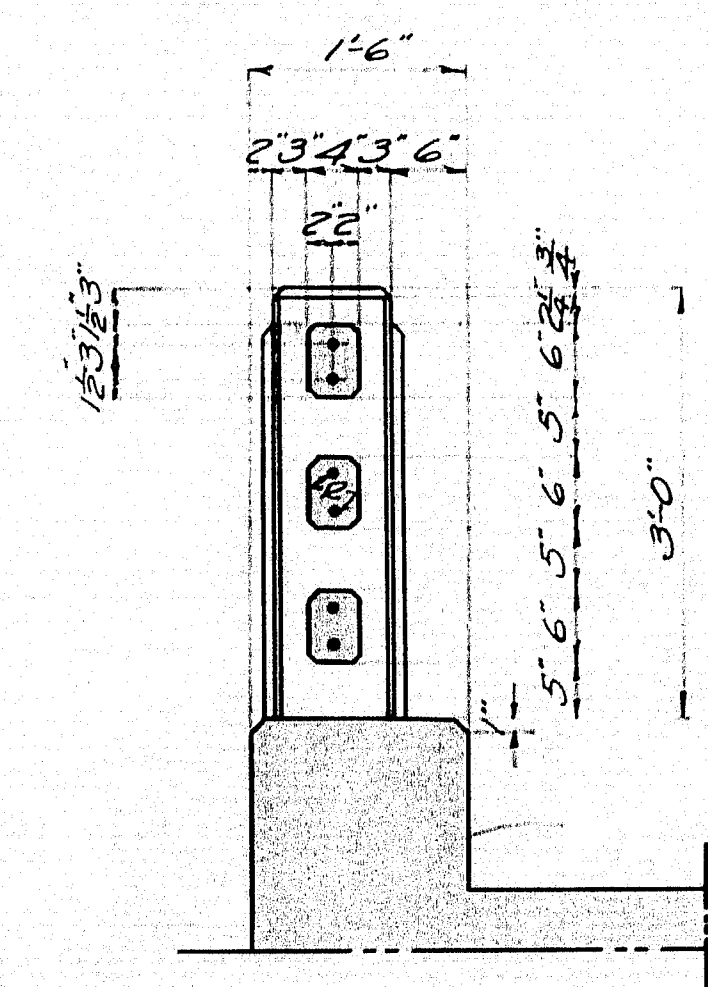




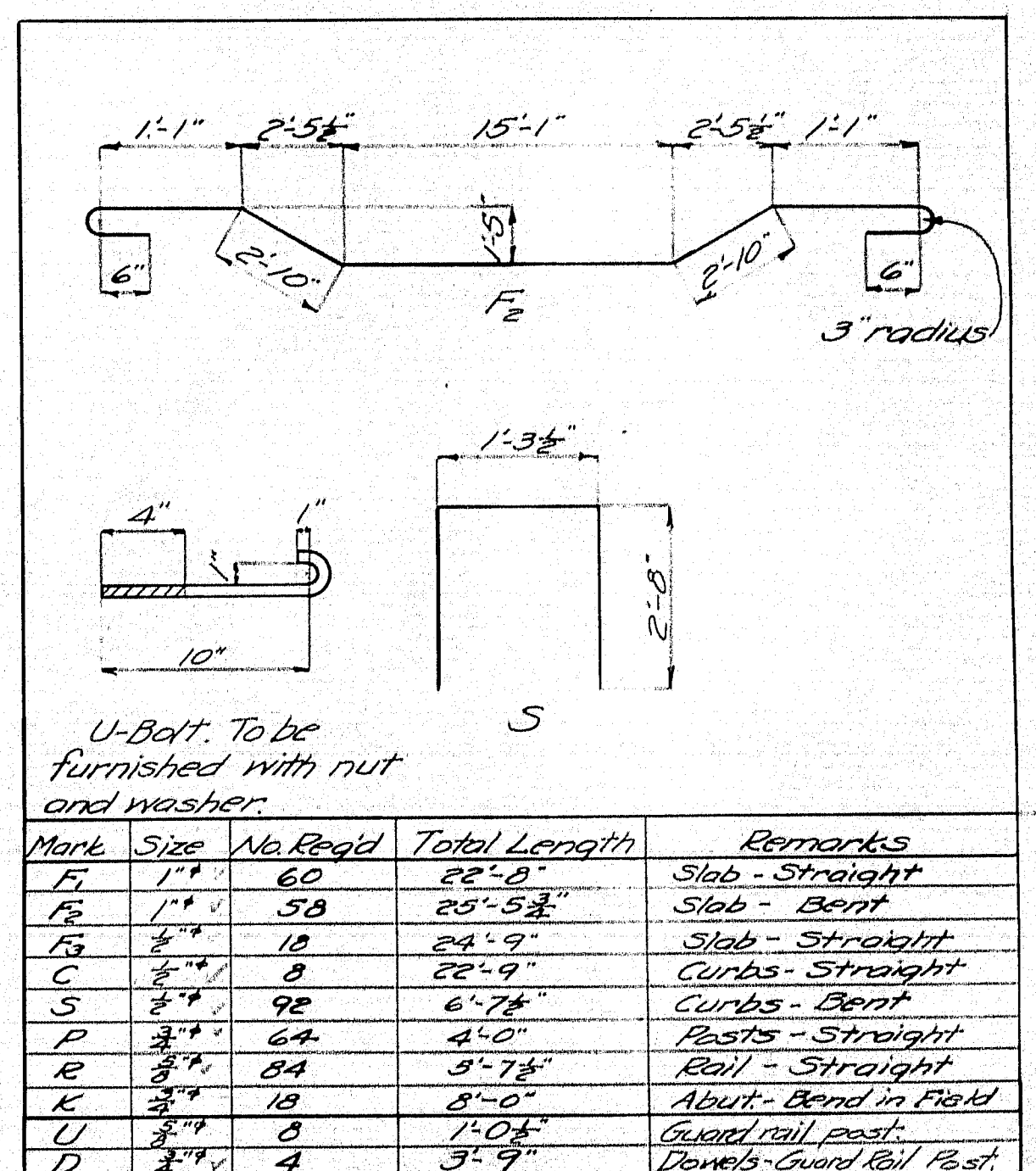
Note: Cover the $\frac{1}{2}$ " vertical slots between the superstructure and mrig walks with two layers of roofing felt, 10" wide. Slots to be covered on the back side only. Coat surface of concrete and back side of each layer of felt as applied with hot tar or asphalt. The area to be covered with felt is to be recessed $\frac{1}{2}$ " by nailing thin strips to the form before the concrete is placed.



Note: Curb to be cast with slab. Steel for posts to be set in curb. Precast rail bars in lengths of 5'-8". Place rail bars in position with ends projecting into post forms 2'. Wrap the end 6" with two layers of heavy roofing felt, folding in ends. When post forms are removed cut away all exposed felt. Panels on posts to be 3" thick. Chamfer all exposed edges of concrete 1/2" unless otherwise indicated.



STEEL SCHEDULE



All steel to be plain rounds, structural grade.
All steel dimensions are to centers of bars.

MAINE HIGHWAY COMMISSION
BRIDGE DIVISION

WEST MT. VERNON BRIDGE
OVER
ECHO LAKE STREAM
IN THE TOWN OF
MT. VERNON KENNEBEC CO.

SUPERSTRUCTURE DETAILS

SHEET 3 OF 3 AUGUSTA, ME. MAR. 1969.

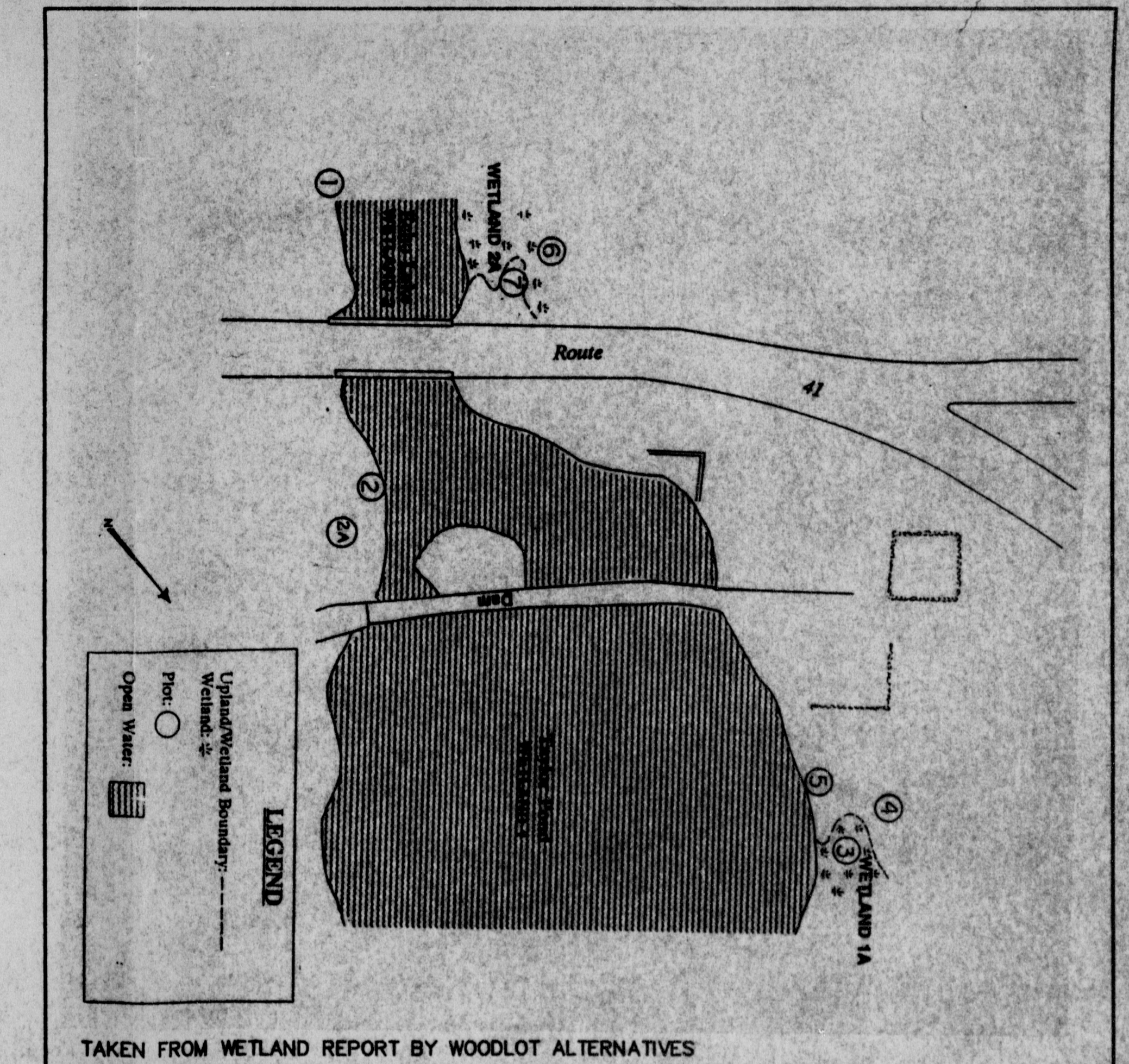
REV	DATE	STATUS	CHECKED	APPROVED

GENERAL NOTES

1. BENCH MARK (U.S.G.S. DISK DATED 1963, AT ELEVATION 324.53) IS LOCATED ON NORTHWEST CORNER OF BRIDGE ABUTMENT ON ROUTE 41.
2. MAGNETIC NORTH BASED ON "PROPERTY LOCATION PLAN" DATED 6-16-89 BY THE DEPARTMENT OF CONSERVATION.
3. THE SITE INSPECTOR REFERRED TO IN THE CONSTRUCTION DOCUMENTS SHALL BE THE REPRESENTATIVE OF THE DEPARTMENT OF INLAND FISHERIES AND WILDLIFE ON THE SITE. ALL CONSTRUCTION ACTIVITY SHALL BE COORDINATED WITH THE SITE INSPECTOR.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ALL UTILITIES AND PAVING DISTURBED DURING THE CONTRACT.
5. THE CONTRACTOR SHALL BE GOVERNED BY THE CONSTRUCTION SAFETY RULES AS ADOPTED BY THE STATE BOARD OF CONSTRUCTION SAFETY, AUGUSTA, MAINE.
6. THIS PROJECT IS SUBJECT TO THE SAFETY AND HEALTH REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AS PROMULGATED BY THE US DEPARTMENT OF LABOR.
7. ALL GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE LOAMED AND SEEDED AT THE COMPLETION OF THE PROJECT.
8. LAYDOWN AREA AND FIELD OPERATIONS
CONTRACTOR MAY USE AREA ADJACENT TO EXISTING GRAVEL DRIVE EAST OF THE EXISTING DAM FOR TRAILER AND LAYDOWN AREA. ONSITE PARKING AND EQUIPMENT PLACEMENT TO BE COORDINATED WITH SITE INSPECTOR.
9. PUBLIC ACCESS TO THE BOAT RAMP ON TAYLOR POND (VIA GRAVEL DRIVE SHOWN ON EAST BANK) TO BE MAINTAINED THROUGHOUT CONSTRUCTION.
10. REFER TO SHEET 3 FOR RESTRICTIONS CONCERNING CONSTRUCTION SEQUENCE, SCHEDULING AND EROSION CONTROL.

SURVEY DATA

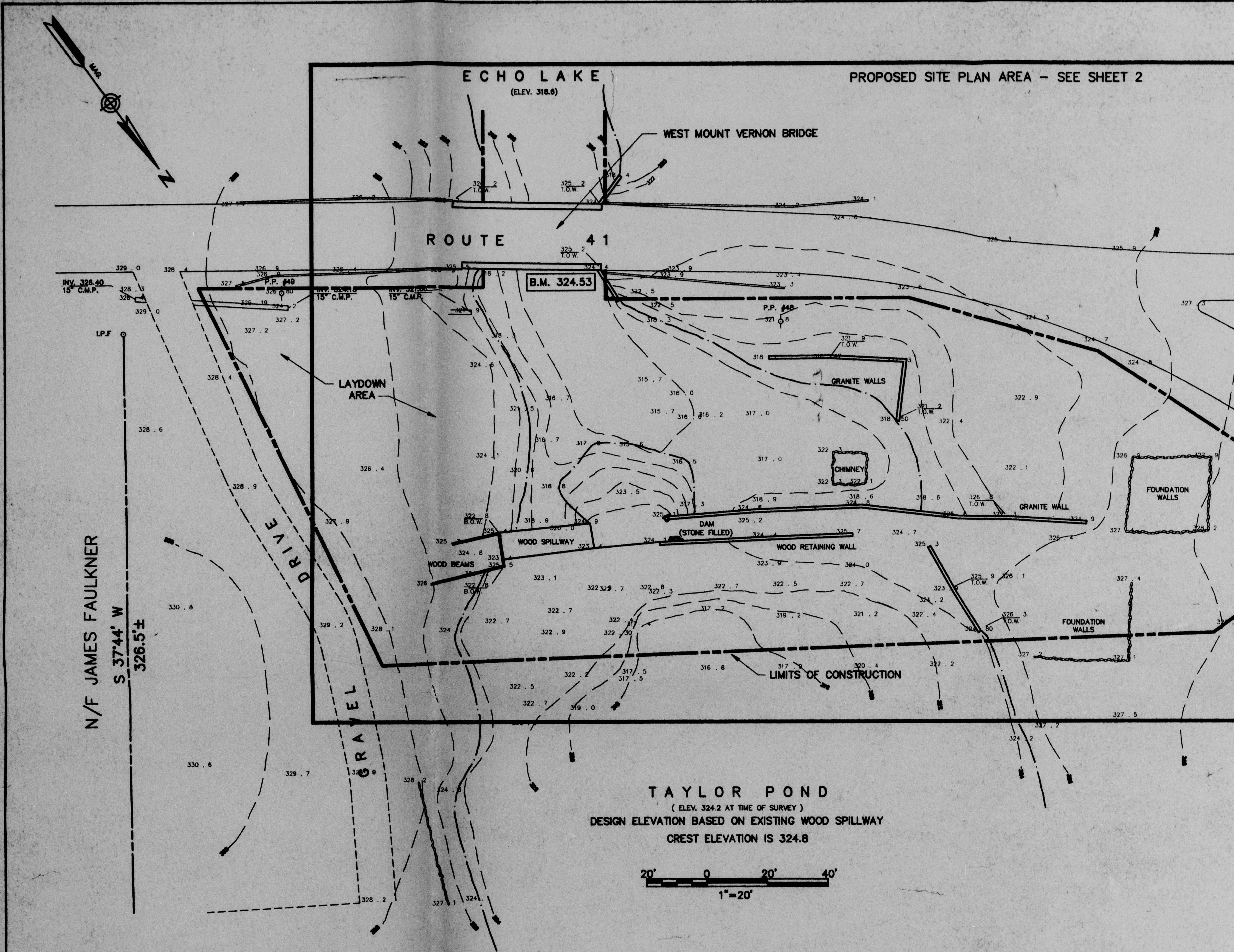
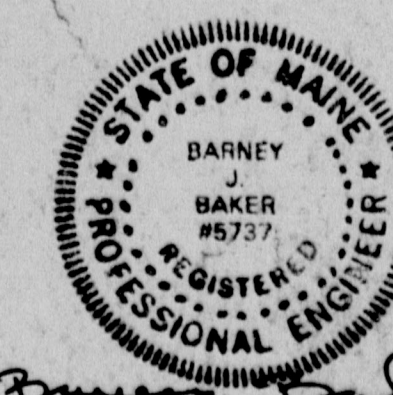
1. SURVEY DATA TAKEN FROM PLAN BY OWEN HASKELL, INC. DATED 14 NOV 89.
2. WEST MOUNT VERNON BRIDGE PLANS AVAILABLE FROM ENGINEER. MAINE HIGHWAY COMMISSION; MARCH 1929.
3. BOREHOLE LOCATIONS SHOWN ARE APPROXIMATE. BOREHOLE DATA OBTAINED FROM REPORT DATED 24 JAN 90 BY HALEY AND ALDRICH INC. WHICH IS APPENDED TO PROJECT SPECIFICATIONS.
4. WETLAND INFORMATION OBTAINED FROM REPORT DATED 15 JAN 91 BY WOODLOT ALTERNATIVES, INC.



TAKEN FROM WETLAND REPORT BY WOODLOT ALTERNATIVES

SITE WETLAND BOUNDARIES
NO SCALE

126-45



TAYLOR POND
(ELEV. 324.2 AT TIME OF SURVEY)
DESIGN ELEVATION BASED ON EXISTING WOOD SPILLWAY
CREST ELEVATION IS 324.8

20' 0 20' 40'
1"=20'

Overlays

DESIGN	DATE
BJB	FEBRUARY 1991
DRAWN	JOB NO.
CAH	51085.02
CHECKED	SCALE
	AS NOTED

TYUN HUNTER-BALLEW ASSOCIATES
INTERNATIONAL
6 Fundy Road
Falmouth, Maine 04105

Issued For	Date	By
PERMIT SUPPLEMENT NO. 1	FEB. 91	BJB

SHEET TITLE:
EXISTING SITE PLAN
PROJECT:
MAINE DEPARTMENT OF INLAND FISHERIES AND WILDLIFE TAYLOR POND DAM REHABILITATION/REPLACEMENT

SHEET NO.
1