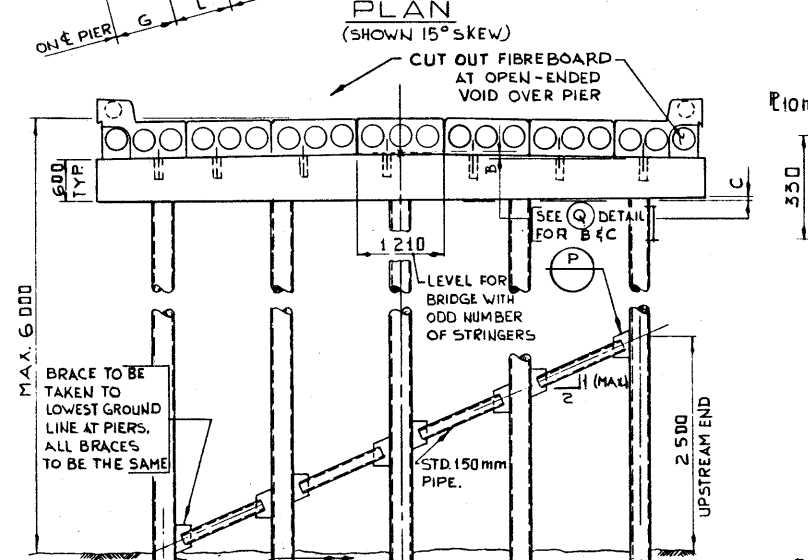
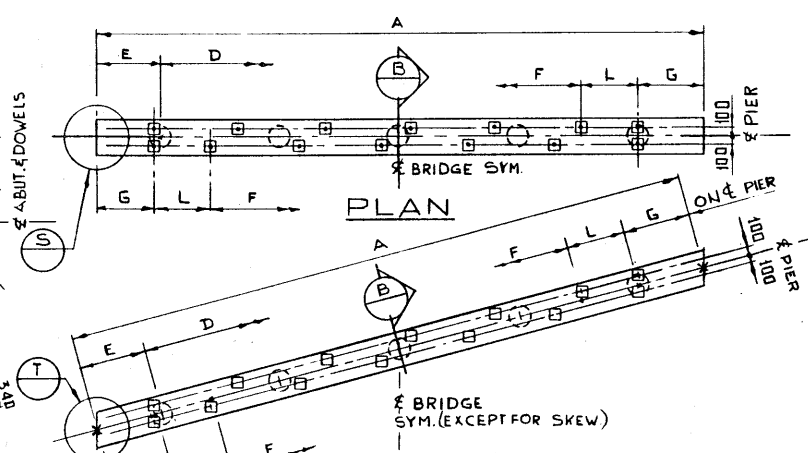
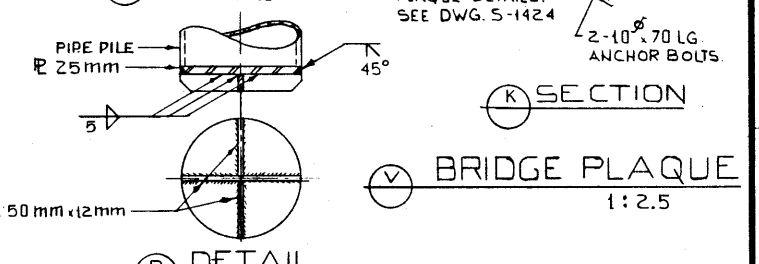
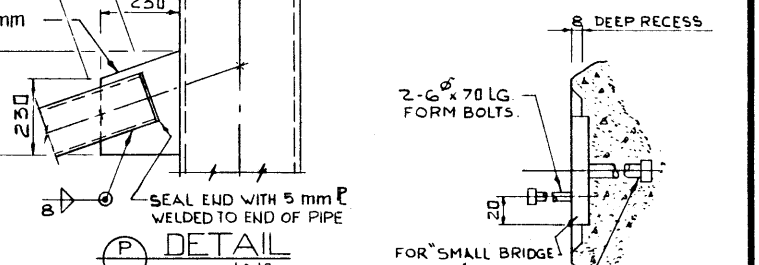
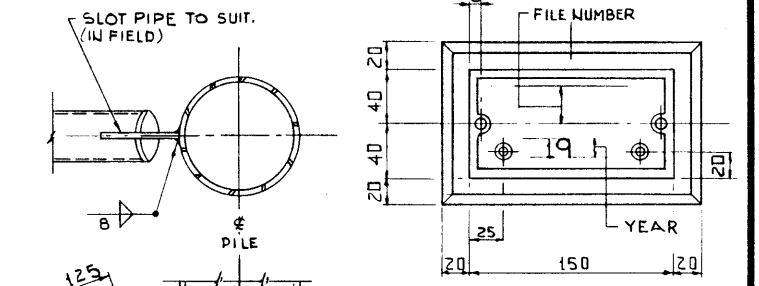
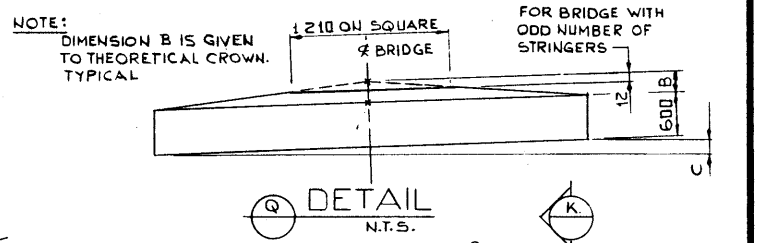


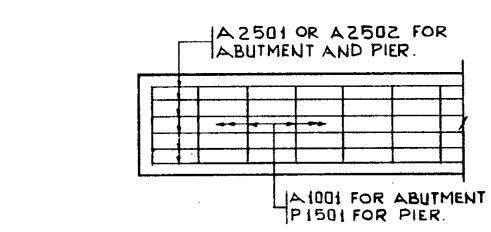
ELEVATION
ABUTMENTS
N.T.S.



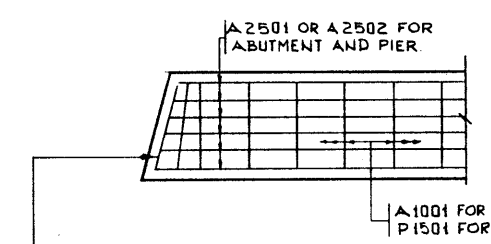
ELEVATION
PIERS
N.T.S.



DETAIL
R
1:10

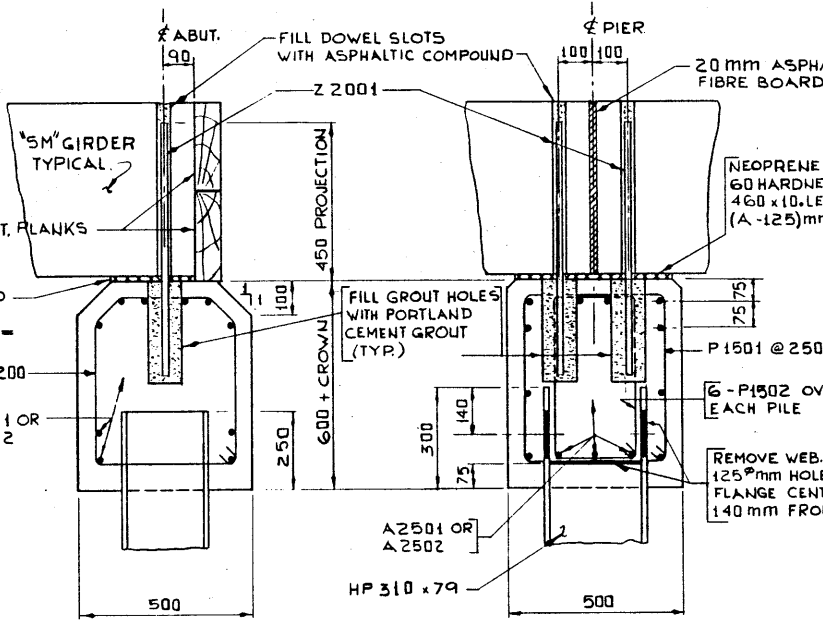


DETAIL
S
N.T.S.



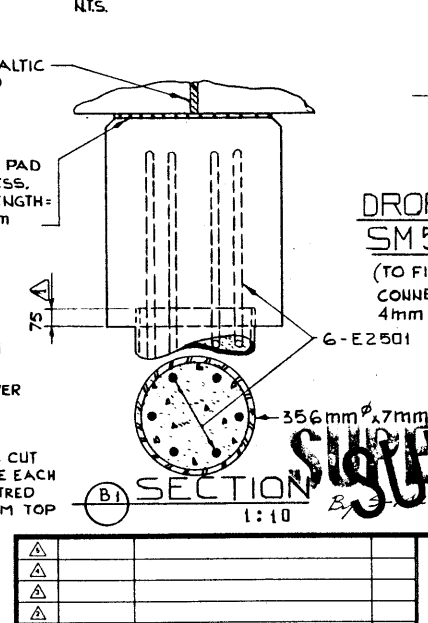
DETAIL
T
N.T.S.

REINFORCEMENT ARRANGEMENT



SECTION
A
1:10

SECTION
B
1:10
FOR PIPE PILES SEE SECTION (B1)



SECTION
B1
1:10

- GENERAL NOTES**
- ALL DIMENSIONS ARE GIVEN IN mm.
 - ALL REINFORCEMENT SHALL HAVE A MINIMUM CLEAR CONCRETE COVER OF 50mm UNLESS OTHERWISE NOTED.
 - ALL CONCRETE TO BE CLASS "B" EXCEPT PIPE PILE CONCRETE.
 - ALL EXPOSED CORNERS TO HAVE 20mm CHAMFER OR FILLET.
 - ALL EXPOSED CONCRETE SHALL BE FORMED WITH OILED PLYWOOD OR APPROVED EQUIVALENT.
 - ALL SURFACES EXCEPT BEARINGS SURFACES AND BOTTOM AND FILL SIDE OF ABUTMENT TO BE GIVEN A CLASS 5 FINISH.
 - PIPE PILES SHALL BE GIVEN THREE (3) FIELD COATS OF PAINT. PAINTING SHALL OTHERWISE CONFORM TO THE BRIDGE BRANCH CONSTRUCTION SPECIFICATION FOR PAINTING METAL STRUCTURES.
 - PILES SHALL BE DRIVEN TO THE FOLLOWING BEARING VALUES UNLESS THE REQUIRED PENETRATION IS DETERMINED ON THE BASIS OF A SOIL ANALYSIS: PIER PILES — 440 kN
ABUTMENT PILES — 330 kN
 - SEE STANDARD DRAWING S-1414 FOR PIPE PILE SPLICE DETAILS.
 - FOR SUPERSTRUCTURE DETAILS NOT SHOWN SEE DRAWING S-1420.
 - IN USING THIS PLAN THE FOLLOWING LIMITS SHALL NOT BE EXCEEDED:
HEIGHT OF DECK ABOVE STREAMBED — 6 000 mm.
TOP OF FILL TO BACKWALL — 1 500 mm.
SKEW — 45°
ICE — USUAL ICE LOAD IN SMALL STREAM.
DESIGN LOADING - BRIDGE BRANCH 15 23.
- WORK THIS DRAWING WITH:
S-1423 - CONCRETE SUBSTRUCTURE SHEET No. 2

APPROVED		Alberta TRANSPORTATION METRIC BRIDGE BRANCH	
77 10 24		"SM" PRECAST BRIDGES CONCRETE SUBSTRUCTURE SHEET No. 1	
NO. DATE DESCRIPTION		DATE July 7/78	
DESIGNED	DRAWN BY	DATE	CHECKED BY
A.WAHEED	T.SPETTER	77 10 17	
DESIGNED	DRAWN BY	DATE	CHECKED BY
STREAM	LOCATION	HWY. NO.	SCALE
FILE NO.	SHEET	DWG. NO.	
		S-1422	

SUPERSEDED