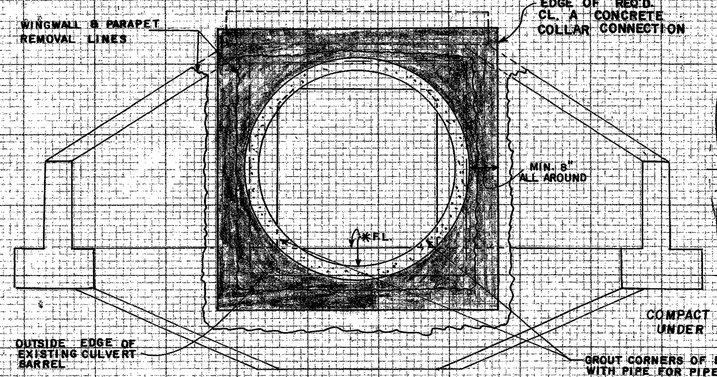
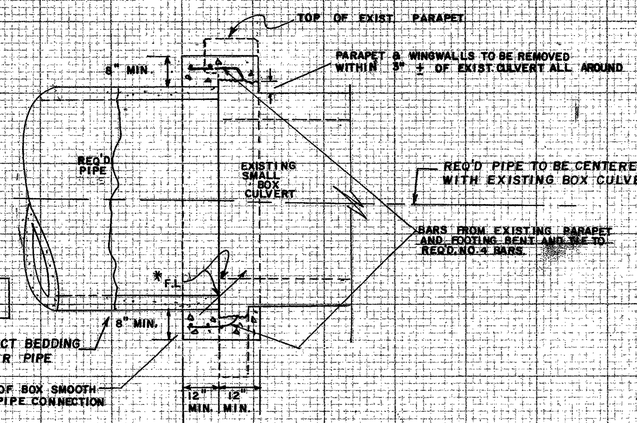
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		272	374

NHS-M002-00(634)

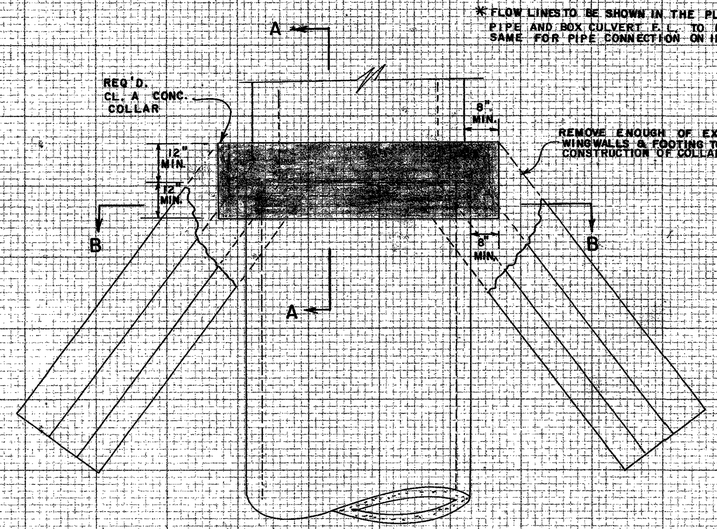


FRONT VIEW

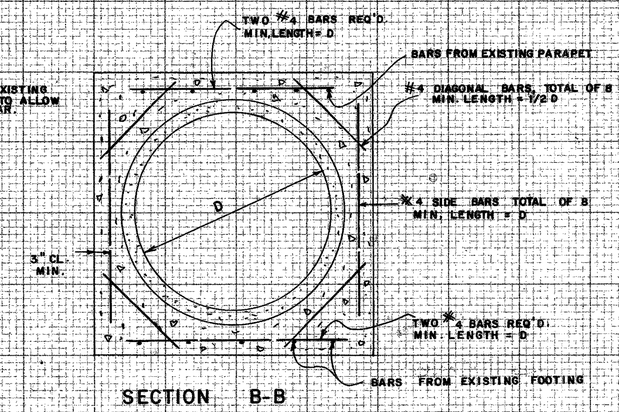


SECTION A-A

* FLOW LINES TO BE SHOWN IN THE PLANS. PIPE AND BOX CULVERT F.L. TO BE THE SAME FOR PIPE CONNECTION ON INLETS.



PLAN VIEW



SECTION B-B

NOTE:
CROSS SECTION AREA OF COLLAR DOES NOT HAVE TO BE SQUARE OR RECTANGULAR, SHAPE MAY VARY SO LONG MINIMUM DIMENSIONS GIVEN IN OTHER VIEWS ARE MAINTAINED ALL AROUND. COLLAR MAY BE FORMED BY ANY FEASIBLE METHOD APPROVED BY THE ENGINEER.

NOTES:

1. PAYMENT FOR PIPE CULVERT SHALL INCLUDE REMOVING PORTIONS OF WINGWALLS & PARAPET AS SHOWN AND THE CONCRETE AND STEEL REQUIRED FOR COLLAR CONNECTION.
2. COLLAR DIMENSIONS SHOWN ARE MINIMUM. COLLAR MAY BE FORMED AGAINST COMPACTED OR UNDISTURBED SOIL OR AGAINST EDGES OF EXISTING STRUCTURE. EXTERIOR OF COLLAR DOES NOT HAVE TO BE SMOOTH LINES.
3. THESE DETAILS ARE FOR USE WHERE IT IS NOT FEASIBLE TO EXTEND BOX CULVERT WITH SAME. WHERE PLANS SHOW BOX CULVERT EXTENDED WITH PIPE, THE CONTRACTOR MAY ELECT TO EXTEND WITH PRECAST BOX OR CAST-IN-PLACE BOX OF SAME SIZE WHERE FILL HEIGHT PERMITS AND AT NO ADDITIONAL COST TO THE DEPARTMENT.
4. ADJUSTMENTS TO DETAILS SHOWN MAY BE MADE IN THE FIELD AT THE DIRECTION OF THE ENGINEER TO SUIT INDIVIDUAL SITE.

CONSTRUCTION DETAILS

PIPE-BOX CULVERT COLLAR CONNECTIONS DETAILS

MARCH 1988

FORM EF00003