LOCATION SKETCH

PROFILE ALONG & CULVERT

FOR OTHER DESIGN DATA AND NOTES SEE STANDARD NOTE SHEET.

CONCRETE IN CULVERTS TO BE POURED IN THE FOLLOWING ORDER:

1. WING FOOTINGS AND FLOOR SLAB INCLUDING 4" OF ALL VERTICAL WELLS.
2. THE REMAINING PORTIONS OF THE WALLS AND WING FULL HEIGHT FOLLOWED BY ROOF SLAB AND HEADWALLS.

THE RESIDENT ENGINEER SHALL CHECK THE LENGTH OF CULVERT BEFORE STAKING IT OUT TO MAKE CERTAIN THAT IT WILL PROPERLY TAKE CARE OF THE FILL.

WITH BARREL Change to be continued on opposite page if more than 4 lines are needed to be added with standard wing sheet with the same skew and vertical clearance.

CONCRESSIONS FOR WING LAYOUT AS WELL AS ADDITIONAL REINFORCING STEEL EMBEDDED IN BARREL ARE SHOWN ON WING SHEET.

TRANSVERSE CONSTRUCTION JOINTS SHALL BE USED IN THE BARREL, SPACED TO LIMIT THE POURS TO A MAXIMUM OF 70 FT. LOCATION OF JOINTS SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.

IN THE INTERIOR FACE OF EXTERIOR WALL ABOVE LOWER WALL CONSTRUCTION JOINT. THE SPLICE LENGTH SHALL BE AS PROVIDED IN THE SPLICE LENGTH CHART SHOWN ON THE PLANS. EXTRA WEIGHT OF STEEL DUE TO THE SPLICES SHALL BE PAID FOR BY THE CONTRACTOR.

OF ALL VERTICAL WALLS.

2. THE REMAINING PORTIONS OF THE WALLS AND WING FULL HEIGHT FOLLOWED BY ROOF SLAB AND HEADWALLS.

TOTAL STRUCTURE QUANTITIES

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<tr>
<th>CLASS A CONCRETE</th>
<th>C.Y.</th>
<th>LBS.</th>
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<tr>
<td>BARREL</td>
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<tr>
<td>REINFORCING STEEL</td>
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<td>REMOVAL OF EXISTING STRUCTURE</td>
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TOTAL SHEETS 1

STATE OF NORTH CAROLINA
RALEIGH
DEPARTMENT OF TRANSPORTATION

BARREL STANDARD
SINGLE FT. X FT.
CONCRETE BOX CULVERT
45° SKEW
LESS THAN 8'

NOTES

ASSUMED LIVE LOAD ---------- HL-93 OR ALTERNATE LOADING.

CHECKED BY: ARB
DRAWN BY: RWW
8/89
REV. 6/19

DEPARTMENT OF TRANSPORTATION

PROJECT NO. COUNTY
STATION:

SHEET 1 OF 2
CULVERT SECTION NORMAL TO ROADWAY

PART PLAN - ROOF SLAB

PART PLAN - FLOOR SLAB

END ELEVATION NORMAL TO SKEW

SKEW TRIANGLE

PROJECT NO. __________

STATION: __________

DEPARTMENT OF TRANSPORTATION

BARREL STANDARD

SINGLE FT X FT

CONCRETE BOX CULVERT

45° SKEW

LESS THAN 90°