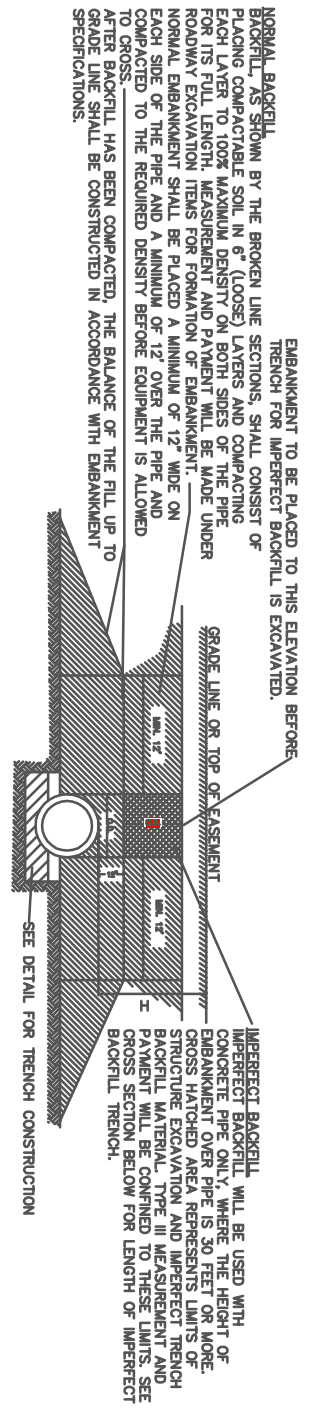
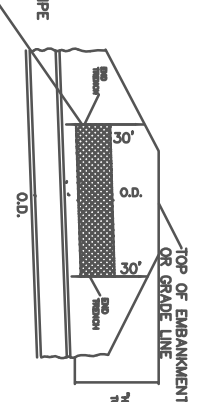


LONGITUDINAL SECTION OF IMPERFECT BACKFILL AND BACKFILL METHODS
N.T.S.

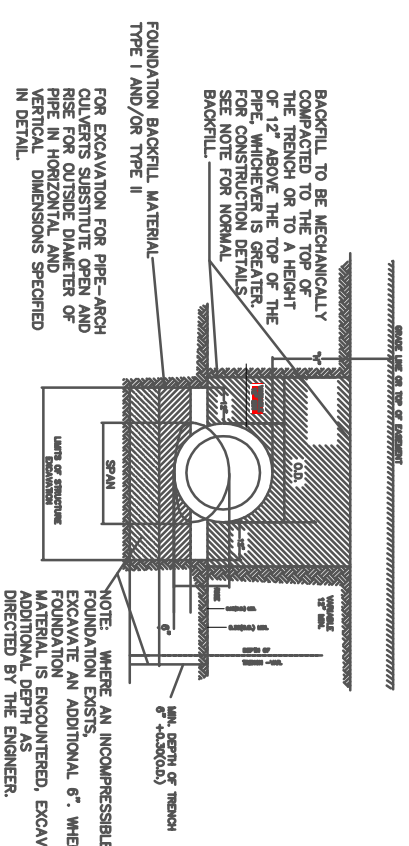


CROSS SECTION OF IMPERFECT TRENCH BACKFILL
N.T.S.

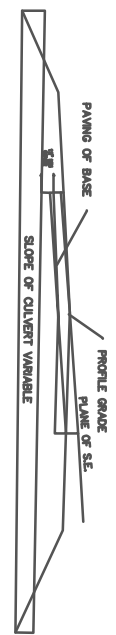


NOTE: CROSS HATCHED AREA REPRESENTS CONSTRUCTION LIMITS OF MEASUREMENT FOR STRUCTURE EXCAVATION AND IMPERFECT TRENCH BACKFILL MATERIAL, TYPE IV SEE LONGITUDINAL SECTION ABOVE.

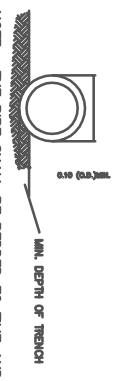
DETAIL OF TRENCH CONSTRUCTION
N.T.S.



DETAIL SHOWING MINIMUM COVER FOR PIPE CULVERTS
N.T.S.

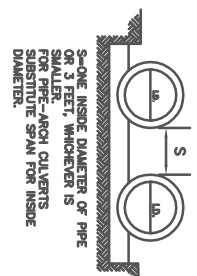


DETAIL OF TRENCH CONSTRUCTION FOR SIDE DRAIN AND MEDIAN DRAIN PIPE
N.T.S.



NOTE: THE PIPE SHALL BE BEDDED TO TIME AND GRADE IN A FIRM FOUNDATION SHAPED TO FIT THE LOWER PART OF THE PIPE EXTERIOR, WHERE ROCK EXISTS, EXCAVATE AND BACKFILL WITH COMPRESSIBLE MATERIAL (UNCLASSIFIED EXCAVATION) A MINIMUM OF 6" BELOW THE PIPE.

SPACING FOR MULTIPLE PIPE CULVERTS
N.T.S.



SPECIAL NOTE:
PE PIPE IS ALLOWABLE FOR THE FOLLOWING CONDITIONS:
A. PE PIPE MAY BE USED AS AN ALTERNATE TO LONGITUDINAL PIPE UNDER ALLOWABLE FILL SHOWN, FOR NON-TRAFFIC BEARING AND LOCAL ROAD BEARING APPLICATIONS.
B. PE PIPE MAY BE USED AS AN ALTERNATE TO PERFORATED UNDERDRAIN PIPE.
C. PE PIPE IS ALLOWABLE IN ALL SIDE DRAIN AND SLOPE DRAIN APPLICATIONS.

FULTON COUNTY STANDARD DETAIL 519A
STANDARD PIPE CULVERTS
SHEET 1 OF 3

DATE	REVISIONS	DATE	REVISIONS
8/08	RC		

DES/DRN/CHKD: CMS
APPROVED: REW
DATE: 12-2-05

FULTON COUNTY PUBLIC WORKS
141 PRYOR ST. ATLANTA, GA. 30303
404-612-7400 FAX: 404-224-0498

DRAWING NO. 519A