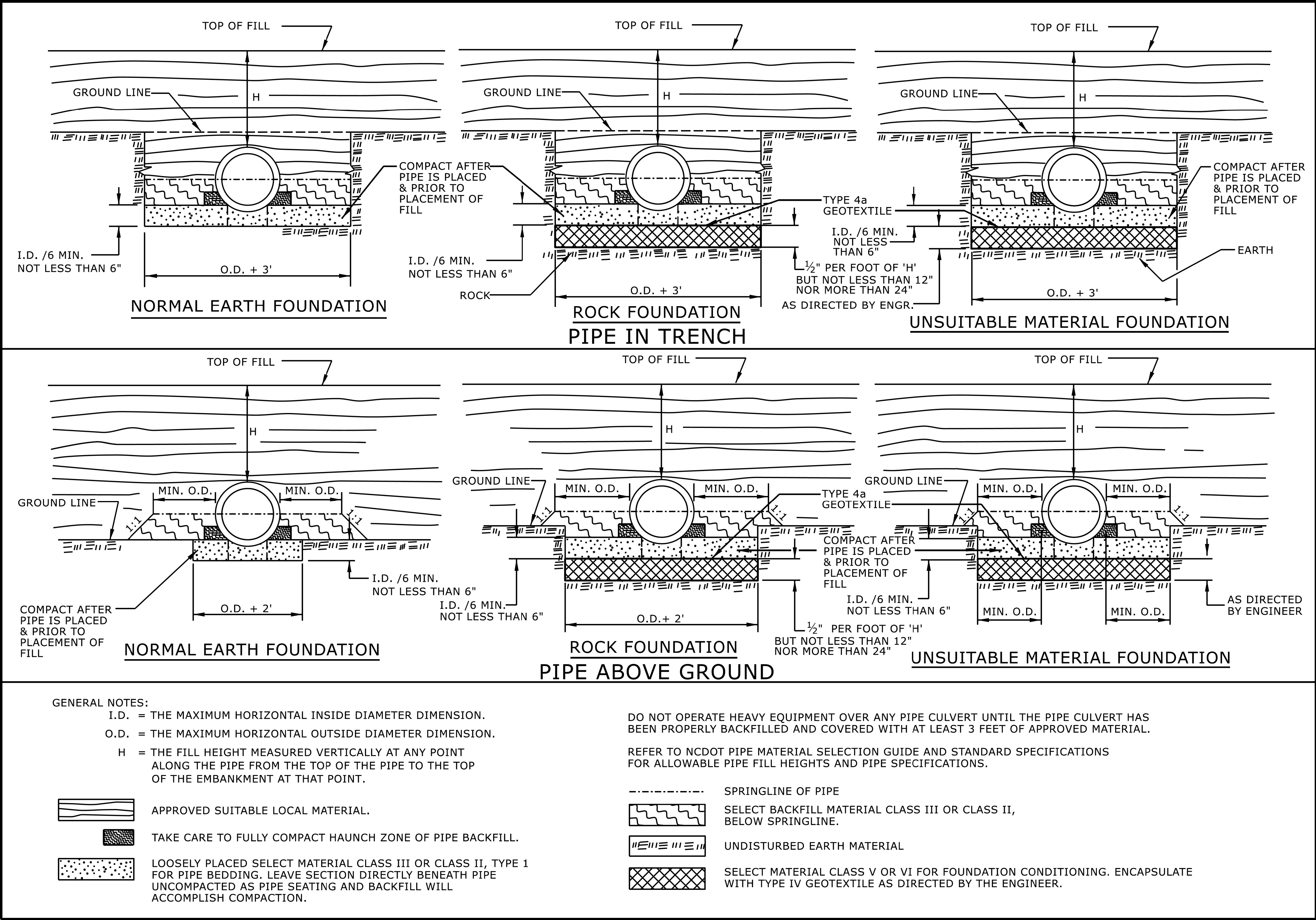


REVISIONS

7/7/2025 2:30PM 230907_NCDOT_U5789_NC53_Jack DESIGN\U5789_Roadway\Pro\U5789_ROY_PSH_2C1.dgn
DAVID BENTZ / standards



STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
METHOD OF PIPE INSTALLATION
RIGID PIPE

SHEET 2 OF 2
300.01

- GENERAL NOTES:
- I.D. = THE MAXIMUM HORIZONTAL INSIDE DIAMETER DIMENSION.
 - O.D. = THE MAXIMUM HORIZONTAL OUTSIDE DIAMETER DIMENSION.
 - H = THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT ALONG THE PIPE FROM THE TOP OF THE PIPE TO THE TOP OF THE EMBANKMENT AT THAT POINT.
- APPROVED SUITABLE LOCAL MATERIAL.
 - TAKE CARE TO FULLY COMPACT HAUNCH ZONE OF PIPE BACKFILL.
 - LOOSELY PLACED SELECT MATERIAL CLASS III OR CLASS II, TYPE 1 FOR PIPE BEDDING. LEAVE SECTION DIRECTLY BENEATH PIPE UNCOMPACTED AS PIPE SEATING AND BACKFILL WILL ACCOMPLISH COMPACTION.

- DO NOT OPERATE HEAVY EQUIPMENT OVER ANY PIPE CULVERT UNTIL THE PIPE CULVERT HAS BEEN PROPERLY BACKFILLED AND COVERED WITH AT LEAST 3 FEET OF APPROVED MATERIAL.
- REFER TO NCDOT PIPE MATERIAL SELECTION GUIDE AND STANDARD SPECIFICATIONS FOR ALLOWABLE PIPE FILL HEIGHTS AND PIPE SPECIFICATIONS.
- SPRINGLINE OF PIPE
 - SELECT BACKFILL MATERIAL CLASS III OR CLASS II, BELOW SPRINGLINE.
 - UNDISTURBED EARTH MATERIAL
 - SELECT MATERIAL CLASS V OR VI FOR FOUNDATION CONDITIONING. ENCAPSULATE WITH TYPE IV GEOTEXTILE AS DIRECTED BY THE ENGINEER.



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CONTRACTS STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

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