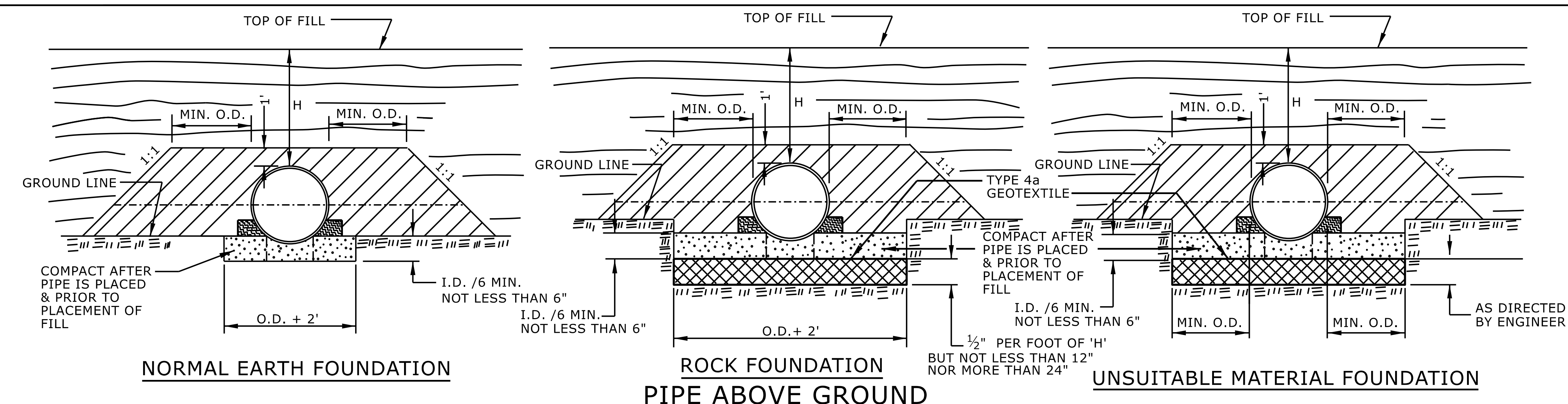
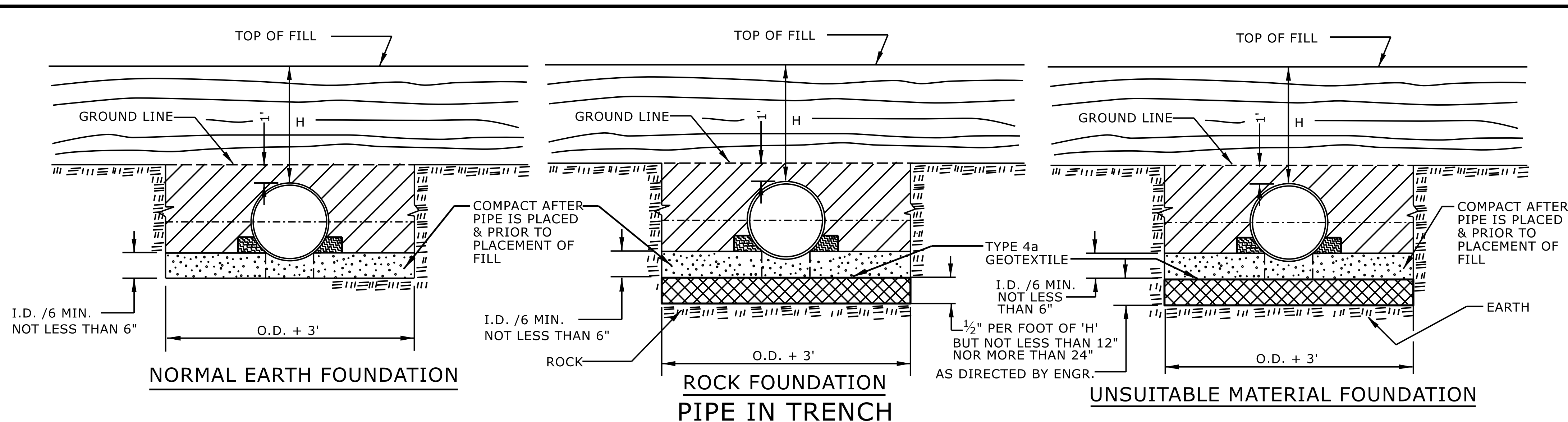




GENERAL NOTES:  
 I.D. = THE MAXIMUM HORIZONTAL INSIDE DIAMETER DIMENSION.  
 O.D. = THE MAXIMUM HORIZONTAL OUTSIDE DIAMETER DIMENSION.  
 H = THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT  
 ALONG THE PIPE FROM THE TOP OF THE PIPE TO THE TOP  
 OF THE EMBANKMENT AT THAT POINT.

|                                                                                     |                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 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, TYPE 1<br>ABOVE AND BELOW SPRINGLINE.                                          |
|  | UNDISTURBED EARTH MATERIAL                                                                                                     |
|  | SELECT MATERIAL CLASS V OR VI FOR FOUNDATION CONDITIONING. ENCAPSULATE<br>WITH TYPE IV GEOTEXTILE AS DIRECTED BY THE ENGINEER. |

|                                                                                   |                                                                                                |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| ROADWAY DETAIL DRAWING FOR<br><b>METHOD OF PIPE INSTALLATION</b><br>FLEXIBLE PIPE | STATE OF<br>NORTH CAROLINA<br>DEPT. OF TRANSPORTATION<br>DIVISION OF HIGHWAYS<br>RALEIGH, N.C. |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|

10/27/2025

SHEET 1 OF 2  
**300.01**

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**CONTRACTS STANDARDS  
AND DEVELOPMENT UNIT**  
919-707-6950 FAX 919-250-4

Office 919-707-6950

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**SEE TITLE BLOCK**

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