

NOTES:

ANTI-SEEP COLLAR LENGTH ALONG PIPE IS 5 FEET, CONSTRUCTED OF 35 PSI FLOWABLE FILL.

H = THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT ALONG THE PIPE FROM THE TOP OF PIPE TO THE TOP OF THE EMBANKMENT AT THAT POINT.

SEE ROADWAY STANDARD DRAWING NO.300.01, 2 OF 3, NCDOT, JANUARY 2018 FOR UNSUITABLE MATERIAL FOUNDATION.



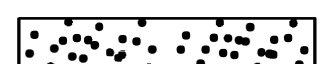

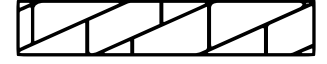

DO NOT OPERATE HEAVY EQUIPMENT OVER ANY PIPE CULVERT UNTIL THE PIPE CULVERT HAS BEEN PROPERLY BACKFILLED AND COVERED WITH AT LEAST 3 FEET OF APPROVED MATERIAL.

O.D. = THE MAXIMUM HORIZONTAL OUTSIDE DIAMETER DIMENSION.

I.D. = THE MAXIMUM HORIZONTAL INSIDE DIAMETER DIMENSION.

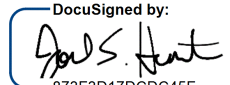
RCP = REINFORCED CONCRETE PIPE.

DIP = DUCTILE IRON PIPE.

-  FLOWABLE FILL MATERIAL.
-  SELECT MATERIAL CLASS V OR VI FOR FOUNDATION CONDITIONING. ENCAPSULATE WITH ENGINEERING FABRIC AS DIRECTED BY THE ENGINEER.
-  LOOSELY PLACED SELECT MATERIAL, CLASS III OR CLASS II, TYPE I FOR PIPE BEDDING. LEAVE SECTION DIRECTLY BENEATH PIPE UNCOMPACTED AS PIPE SEATING AND BACKFILL WILL ACCOMPLISH COMPACTION.
-  UNDISTURBED EARTH MATERIAL.
-  BRICK OR CONCRETE BLOCK SUPPORT
-  EARTH MATERIAL

ANTI-SEEP COLLAR



DocuSigned by:
 4/17/2020
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**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

**CONTRACT STANDARDS & DEVELOPMENT UNIT
STANDARDS AND SPECIAL DESIGN**
 Office 919-707-6950 FAX 919-250-4119

ANTI-SEEP COLLAR

ORIGINAL BY: _____ DATE: _____
 MODIFIED BY: rnbritt DATE: 05-15-15
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