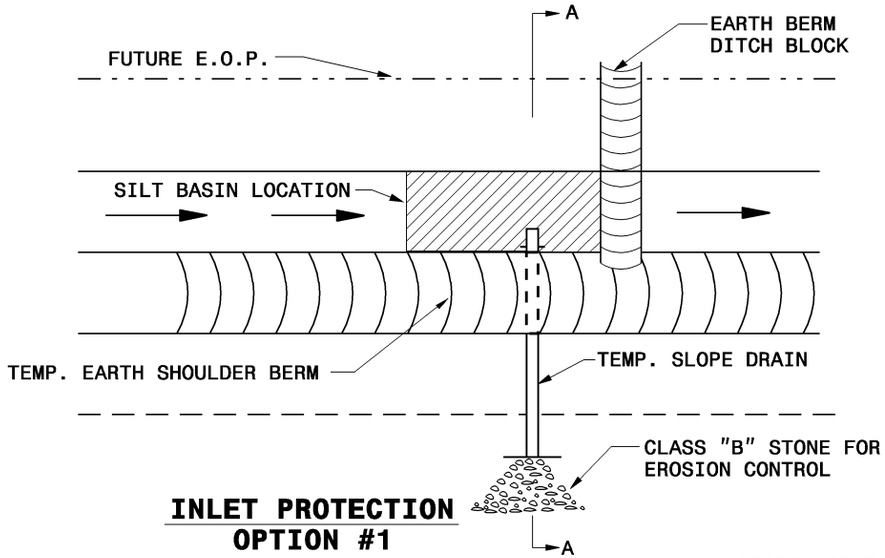
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

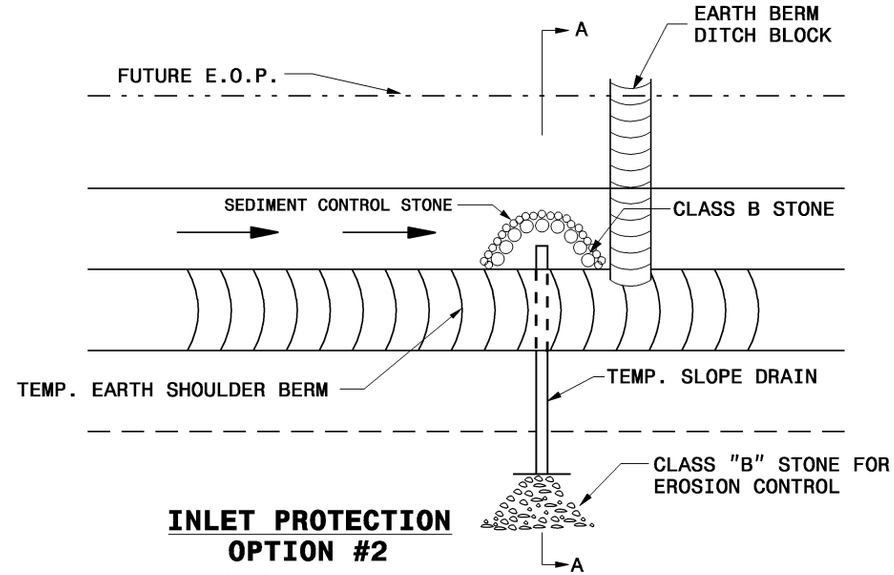
7-06

ENGLISH STANDARD DRAWING FOR

GUIDE FOR TEMPORARY BERMS AND SLOPE DRAIN

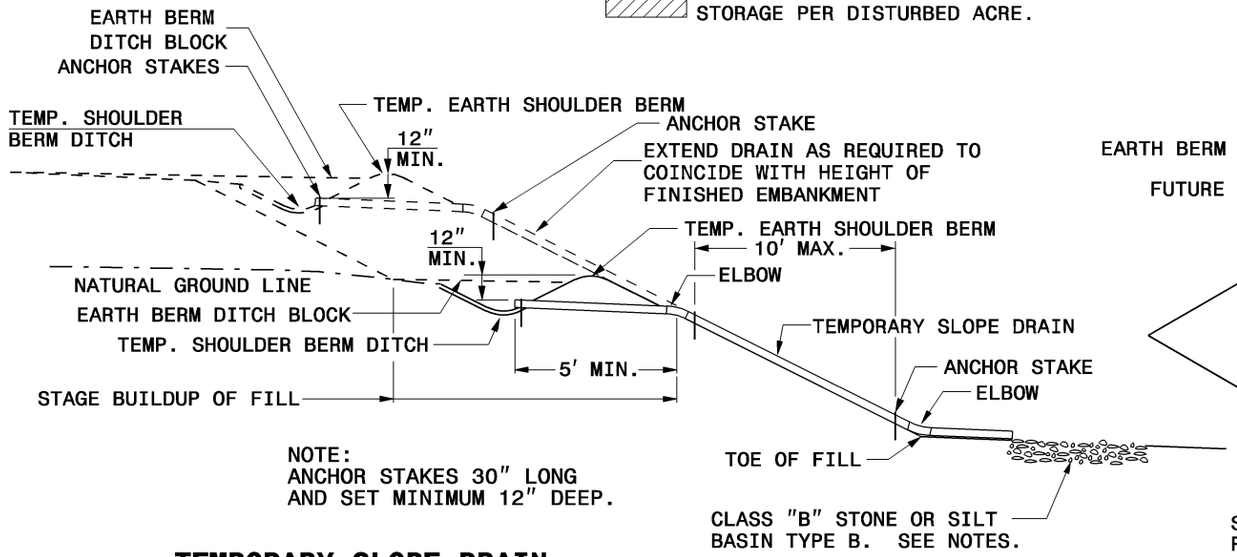


INLET PROTECTION
OPTION #1



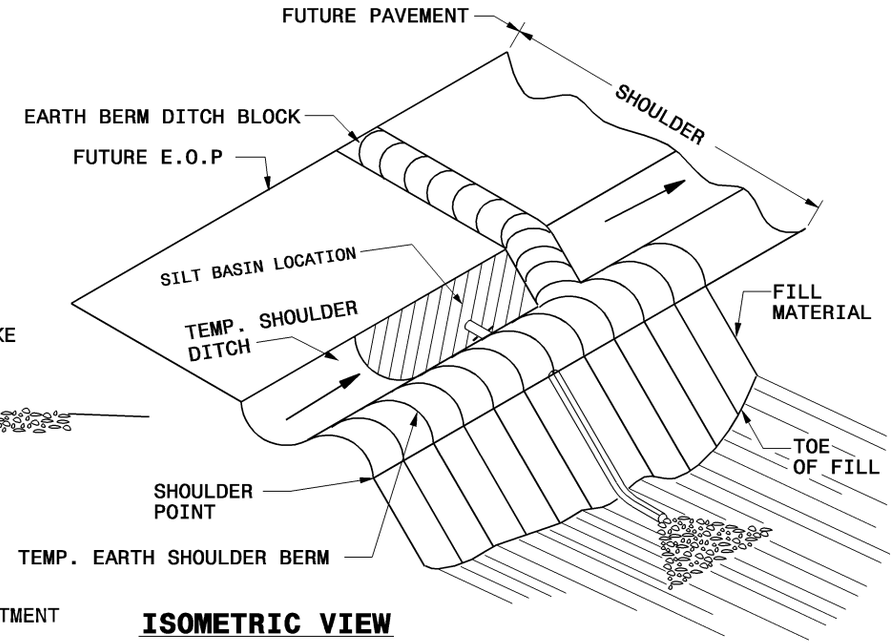
INLET PROTECTION
OPTION #2

DESIGN SILT BASIN VOLUME FOR 1800 CUBIC FEET OF SEDIMENT STORAGE PER DISTURBED ACRE.



NOTE:
ANCHOR STAKES 30" LONG
AND SET MINIMUM 12" DEEP.

TEMPORARY SLOPE DRAIN
SECTION A-A



ISOMETRIC VIEW

NOTES:
1. OPEN END PIPE WITH MINIMUM SETBACK AND PROPER COMPACTION IS AN ACCEPTABLE INLET TREATMENT FOR STAGED CONSTRUCTION WHEN NOT LEFT IN PLACE FOR MORE THAN 30 DAYS.
2. DESIGN INLET PROTECTION OPTION #2 FOR 1800 CUBIC FOOT OF SEDIMENT STORAGE PER DISTURBED ACRE.
3. DESIGN SILT BASINS WITH A 2:1 LENGTH TO WIDTH RATIO MINIMUM.
4. USE CLASS B STONE FOR EROSION CONTROL AT OUTLET LOCATIONS SUBJECT TO SCOURING. SILT BASINS AND/OR OTHER EROSION CONTROL DEVICES MAY ALSO BE UTILIZED TO PREVENT SCOUR AT OUTLET LOCATIONS.
5. USE MAXIMUM SLOPE DRAIN SPACING OF 200 FT.

SHEET 1 OF 1
1622.01

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AND SLOPE DRAIN

SHEET 1 OF 1
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