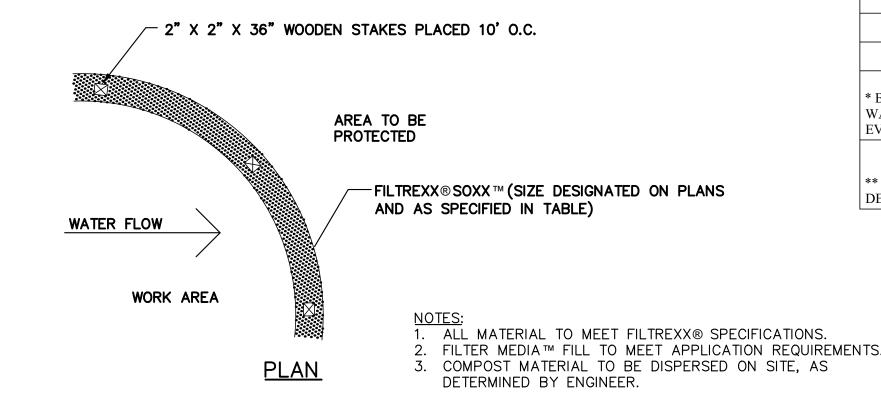


<u>SECTION</u>

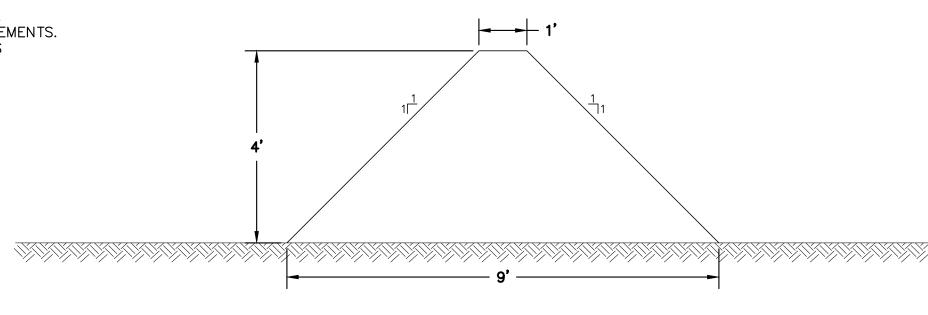


1) FILTREXX® SEDIMENT CONTROL

MAXIMUM SLOPE LENGTH ABOVE SEDIMENT CONTROL IN FEET (METERS)\* 12 in (300 mm) 18 in (450 mm) SLOPE **SEDIMENT SEDIMENT** 8 in (200 mm) **SEDIMENT** PERCENT SEDIMENT CONTROL SEDIMENT CONTROL CONTROL CONTROL CONTROL 9.5 in (240 mm) \*\* 14.5 in (360 mm) \*\* 6.5 in (160 mm)\*\* 19 in (480 mm) \*\* 26 in (650 mm) \*\* 2 (or less) 600 (180) 750 (225) 1000 (300) 1300 (400) 1650 (500) 200 (60) 250 (75) 300 (90) 400 (120) 500 (150) 10 140 (40) 170 (50) 200 (60) 325 (100) 450 (140) 100 (30) 125 (38) 140 (42) 260 (80) 400 (120) 80 (24) 110 (33) 200 (60) 275 (85) 100 (30) 60 (18) 75 (23) 115 (35) 60 (18) 75 (23) 100 (30) 125 (38) 40 (12) 50 (15) 60 (18) 80 (24) 100 (30) 50 (15) 65 (20) 75 (23) 40 (12) 55 (17)

\* BASED ON A FAILURE POINT OF 36 IN (0.9 M) SUPER SILT FENCE (WIRE REINFORCED) AT 1000 FT (303 M) OF SLOPE, WATERSHED WIDTH EQUIVALENT TO RECEIVING LENGTH OF SEDIMENT CONTROL DEVICE, 1 IN/ 24 HR (25 MM/24 HR) RAIN EVENT

\*\* EFFECTIVE HEIGHT OF SEDIMENT CONTROL AFTER INSTALLATION AND WITH CONSTANT HEAD FROM RUNOFF AS DETERMINED BY OHIO STATE UNIVERSITY.

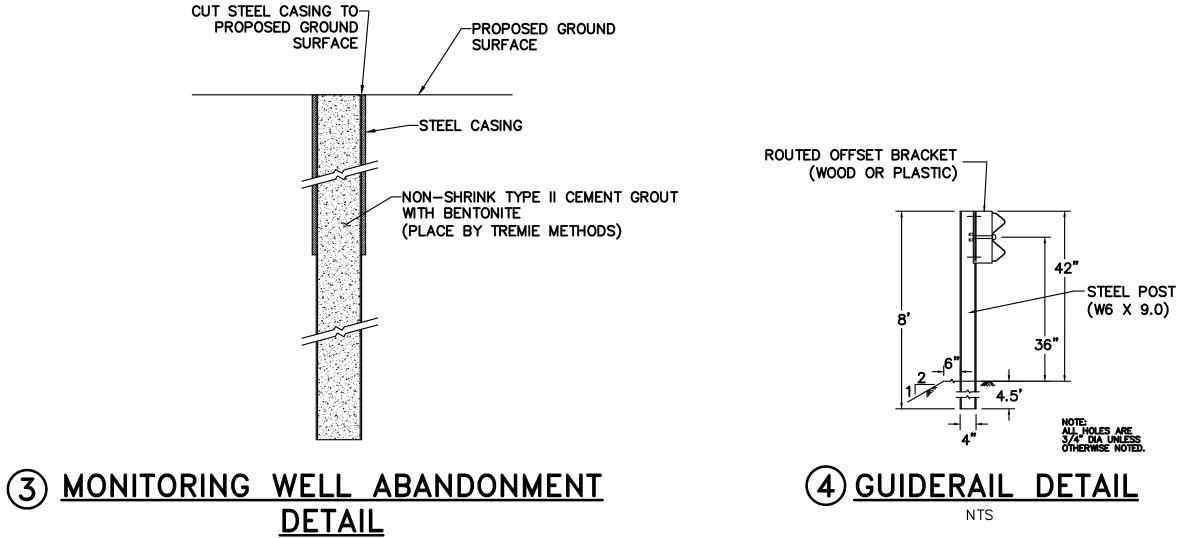


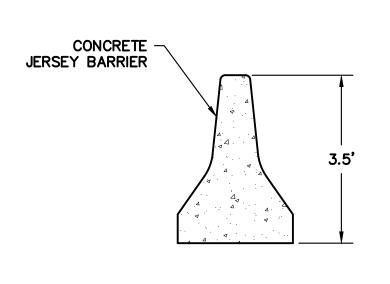
## (2) SERVICE/ACCESS ROAD BERM



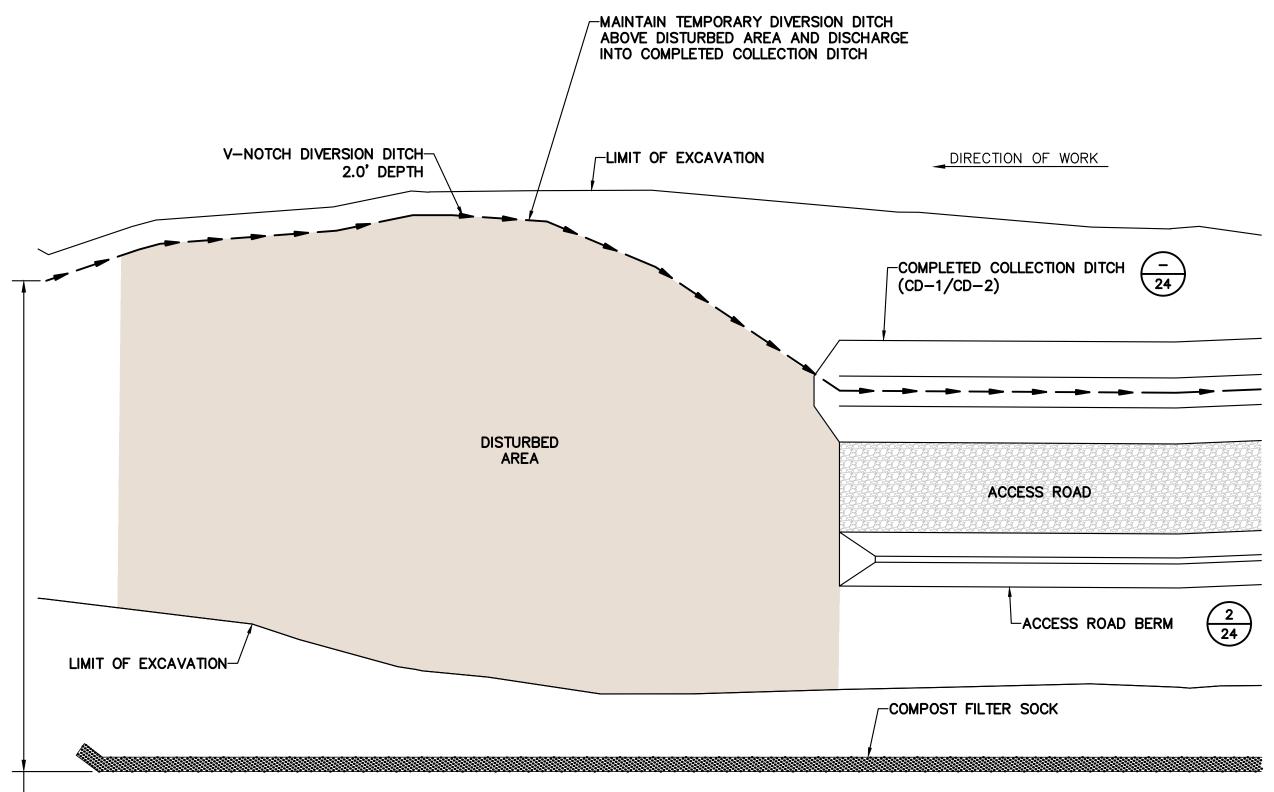
NOTES

1. BERM HEIGHT MAY BE ADJUSTED BASED UPON EQUIPMENT TO TRAVEL ON ADJACENT ROAD/CORRIDOR. MINIMUM BERM HEIGHT SHALL BE THE MID—AXLE HEIGHT OF THE LARGEST VEHICLE TO TRAVEL THE ROAD/CORRIDOR.





5 JERSEY BARRIER DETAIL



 $^{igspace}$  limit slope length to that indicated on the table this drawing

## PHASE 1 SITE DEVELOPMENT INSTALLATION

NOTES

- 1. CONSTRUCTION OF THE ACCESS ROAD, COLLECTION DITCH, AND BERM SHALL START AT THE DOWNSTREAM END AND WORK UPSTREAM.
- 2. COMPLETE INITIAL TREE CLEARING AS NEEDED TO FACILITATE EQUIPMENT ACCESS FOR FILTER SOCK PLACEMENT.
- 3. INSTALL COMPOST FILTER SOCK BELOW AREA TO BE DISTURBED
- 4. AS WORK PROGRESSES UPSTREAM, PRIOR TO OVERBURDEN SOIL STRIPPING, A V-NOTCH DIVERSION DITCH WITH 2.0' DEPTH SHALL BE INSTALLED UPSLOPE OF THE DISTURBED AREA AND DIRECTED TO THE FINISHED GRADE COLLECTION DITCH TO LIMIT RUNOFF TO THE COMPOST FILTER SOCK.
- 5. COMPLETE TREE CLEARING AND GRUBBING; STRIP OVERBURDEN SOIL; AND COMPLETE EARTHWORK ACTIVITIES WITHIN LIMITS OF DIVERSION DITCH AND COMPOST FILTER SOCK.

## PROAD SURFACING ROAD SURFACING ROAD GUTTER/ COLLECTION DITCH 24 3" TO 6" THICK LAYER OF PENNDOT NO. 2A COARSE AGGREGATE ROAD GUTTER/ COLLECTION DITCH 2(TYP.) AASHTO M288 CLASS I GEOTEXTILE OR EQUIVALENT

## TYPICAL ACCESS/HAUL ROAD

NOTES:

- 1. ROAD SURFACING SHALL BE IMPLEMENTED AS NEEDED TO STABILIZE THE AREA TO ALLOW FOR VEHICLE ACCESS AND TO PREVENT EROSION. WHERE ROADS ARE ESTABLISHED ON STABLE FOUNDATION AREAS (I.E. ROCK SUBGRADE), ROAD SURFACING IS NOT REQUIRED.
- 2. THE AGGREGATE TYPE, THICKNESS, AND SIZE MAY BE MODIFIED AT THE OWNER'S DISCRETION PROVIDED THAT THE ROAD SURFACING CAN SERVE ITS INTENDED PURPOSE.

