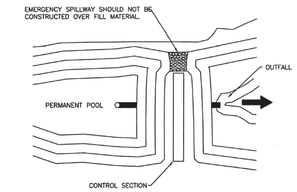
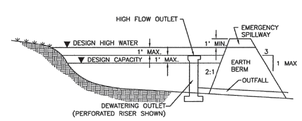
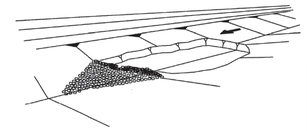


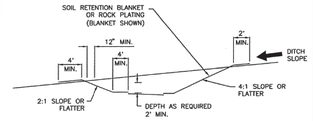

PLAN VIEW




CROSS SECTION

SEDIMENT BASIN



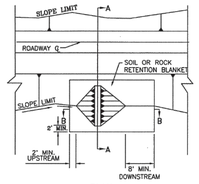



SEDIMENT BASIN, EXCAVATED

NOTES: SEDIMENT TRAP

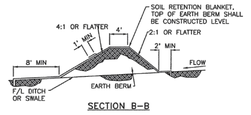
1. TEMPORARY SEDIMENT TRAPS MAY BE CONSTRUCTED BY EXCAVATION ALONE OR BY EXCAVATION IN COMBINATION WITH AN EMBANKMENT.
2. TEMPORARY SEDIMENT TRAPS ARE OFTEN USED IN CONJUNCTION WITH A DIVERSION DIKE OR SWELL.
3. THE DRAINAGE AREA FOR THE SEDIMENT TRAP SHOULD NOT EXCEED 5 DISTURBED ACRES.
4. THE TRAP MUST BE ACCESSIBLE FOR EASE OF REGULAR MAINTENANCE, WHICH IS CRITICAL TO ITS PROPER FUNCTIONING.
5. SEDIMENT TRAPS ARE TEMPORARY MEASURES AND SHOULD NOT REMAIN IN PLACE LONGER THAN 18 TO 24 MONTHS.
6. THE EMBANKMENT MAY NOT EXCEED 5 FT. IN HEIGHT.
7. THE RECOMMENDED MINIMUM WIDTH AT THE TOP OF THE EMBANKMENT IS BETWEEN 2 FT. AND 5 FT.

SEDIMENT TRAP




PLAN

SECTION A–A




SECTION B–B

EARTH DIKE (BERM)

| NO. | DATE | REV. BY | DESCRIPTION |
|---|---|---|---|
| REVISIONS ( OR CHANGE NOTICES ) | | | |

NEW MEXICO
DEPARTMENT OF TRANSPORTATION
STANDARD DRAWING

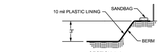
T.E.S.C.M.
SEDIMENT BASIN, SEDIMENT TRAP & EARTH DIKE

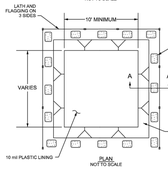
APPROVED Raymond Van Horn 11/14/97
TT DESIGN ENGINEER DATE

DESIGNED BY___ DRAWN BY ___ CHECKED BY ___

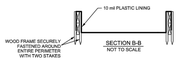
603-01-5/7 SHEET 5 OF 7

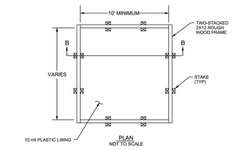
Sheet 603-05



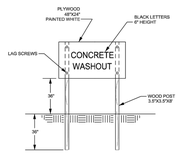




TYPE "BELOW GRADE"

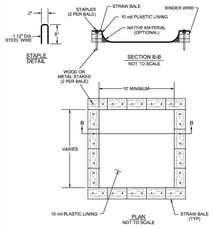



TYPE "ABOVE GROUND" WITH WOOD PLANKS




CONCRETE WASHOUT SIGN DETAIL (OR EQUIVALENT)

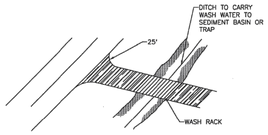


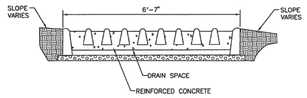

TYPE "ABOVE GRADE" WITH STRAW BALES

NOTES:

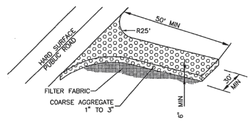
1. ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD.
2. A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF OR RECYCLED.
4. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED, REPAIRED, AND STABILIZED TO PREVENT EROSION.
5. MUST BE LOCATED >50 FT AWAY FROM INLETS/WATERWAYS UNLESS THERE IS NO OTHER PRACTICAL ALTERNATIVE.

CONCRETE WASHOUT

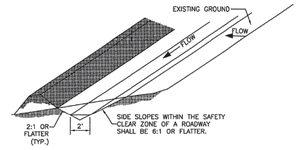


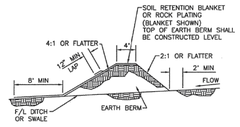

WASH RACK




OFFSITE TRACKING PREVENTION




TYPICAL SWALE CONFIGURATION




FILTER FABRIC DIVERSION DIKE

| NO. | DATE | REV. BY | DESCRIPTION |
|---|---|---|---|
| REVISIONS ( OR CHANGE NOTICES ) | | | |

NEW MEXICO
DEPARTMENT OF TRANSPORTATION
STANDARD DRAWING

T.E.S.C.M.
OFFSITE TRACKING PREVENTION & DIVERSION DIKE

APPROVED Raymond Van Horn 11/14/97
TT DESIGN ENGINEER DATE

DESIGNED BY___ DRAWN BY ___ CHECKED BY ___

603-01-7/7 SHEET 7 OF 7

DIVERSION DIKE

Sheet 603-07


AYER DESIGN GROUP
PROFESSIONAL ENGINEERING SERVICES
215 Johnston Street
Rock Hill, SC 29730
Phone: 803-328-5858


BURKIE AYER JR
NEW MEXICO
25848
PROFESSIONAL ENGINEER
Burkie Ayer 4-2-21

PROJECT NAME:

SANDIA COLLISION CENTER

5900 JEFFERSON STREET NE
ALBUQUERQUE, NM

SHEET DESCRIPTION:

EROSION CONTROL DETAILS

| | |
|---|---|
| PROJECT # | 2020-1 |
| DRAWN BY | CC |
| CHECKED BY | BA |

| NO | ISSUE/REVISION | DATE |
|---|---|---|
| | FOR PERMIT | 4/2/21 |

C08.1