

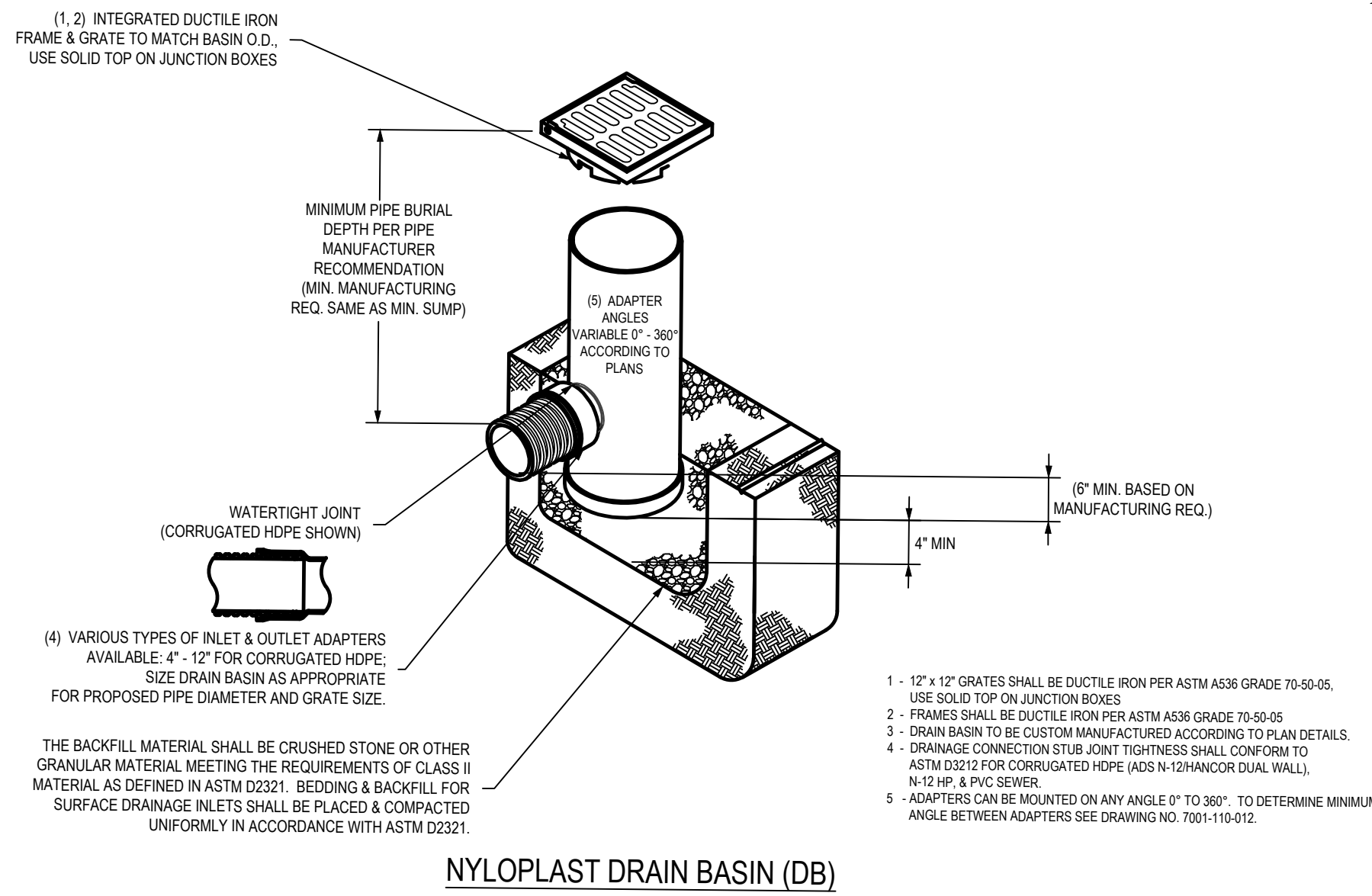
LEGEND

	BENCHMARK
	EXISTING SEWER MANHOLE
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	MONITORING WELL
	EXISTING WATER MAIN
	EXISTING SANITARY SEWER MAIN
	PROPERTY LINE
	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	EXISTING REMEDIATED LOCATION - SEE NOTES, THIS SHEET

EROSION CONTROL NOTES:

- Disturbed areas shall be kept to a minimum and seeding shall be performed on all exposed earth. For channels and ditches where the slope exceeds 5% additional soil stabilization may be necessary to prevent ruts and erosion. Such measures include the use of erosion control blankets, turf reinforcement mats, as manufactured by Tensar or approved equal, and/or rip-rap. These measures will be required as shown on this plan on steep slopes to prevent deterioration of slopes, ruts, and migration of soils. Refer to the Erosion Control Details for details and installation of erosion control measures. Erosion control blankets turf reinforcement mats shall be constructed during final seeding and strawing unless otherwise noted.
- A combination of silt fence and rip-rap silt checks shall be used along downhill side of site, as necessary, to keep sediment off of adjoining property owners, off of existing streets and out of existing storm drainage systems and waterways. Refer to the detail sheet for installation instructions.
- Stone bag inlet protection shall be used at all new catch basins until the site is stabilized.
- The construction entrance shall consist of a 50'x20' filter fabric and covered with 6 inches of #2 stone to minimize the amount of sediment tracked onto public roadways. All construction vehicles shall drive across this pad before leaving the site. See detail.
- Borrow or spoils areas shall be temporarily stabilized if construction is suspended for more than 14 days and will not continue for 21 days. Additional silt fence may be necessary around stockpile areas of topsoil to be used in areas designated as green space as well as spoils areas. Once site is to grade, stabilize areas with permanent stabilization per the SWPPP.
- All erosion control measures shall be performed in accordance with this drainage plan and the Project SWPPP. The contractor will be responsible for performing weekly inspections and maintenance and recording all inspections and repairs in a log book. Inspections may be done every two weeks and after every rain event of 1/4" or greater in lieu of every week. A copy of the Project SWPPP and weekly log shall be kept on site.

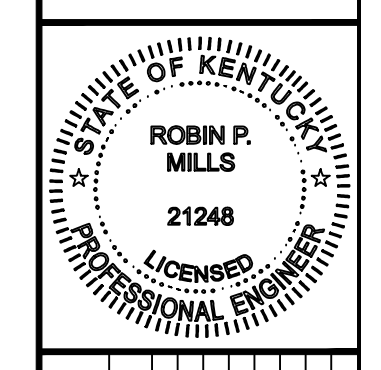
DISTURB LIMITS = 0.51 ACRES



NOTES:

- CONTRACTOR SHALL REVIEW AND FOLLOW RECOMMENDATIONS IN THE FOLLOWING REPORTS:
 - PROPERTY MANAGEMENT PLAN PREPARED BY WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC. DATED MAY 18, 2021
 - GEOTECHNICAL SITE EVALUATION REPORT PREPARED BY AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC., DATED MARCH 8, 2017
- THIS SITE HAS BEEN SUBJECT TO ENVIRONMENTAL INVESTIGATIONS AND CORRECTIVE ACTIONS FOR THE PAST 18 YEARS; THEREFORE, THE ENVIRONMENTAL REPORTS AND RECOMMENDATIONS PREPARED FOR THE SITE SHALL BE REVIEWED THOROUGHLY BY THE CONTRACTOR. ALL EXCAVATIONS AT THE SITE SHALL BE PERFORMED IN CONJUNCTION WITH THE REPORTS, INCLUDING CONSTRUCTION OVER REMEDIATED SOILS, MANAGEMENT OF SOILS AND GROUNDWATER DURING CONSTRUCTION AND THE REMOVAL OF ANY ABANDONED MONITORING WELLS LEFT ON THE PROPERTY. IT IS RECOMMENDED THAT ENVIRONMENTAL AND GEOTECHNICAL CONSULTANTS SHOULD OVERSEE GRADING OPERATIONS, FOUNDATION CONSTRUCTION AND PREPARATION OF PAVED AREAS FOR THE SITE.

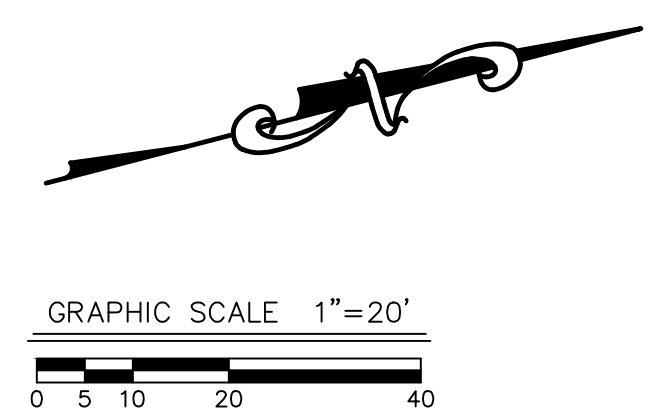
HORIZON ENGINEERING, LLC
 Civil Engineering & Land Surveying
 115 East Flaget Street
 Bardonia, KY 40004
 Phone: (502) 348-4330

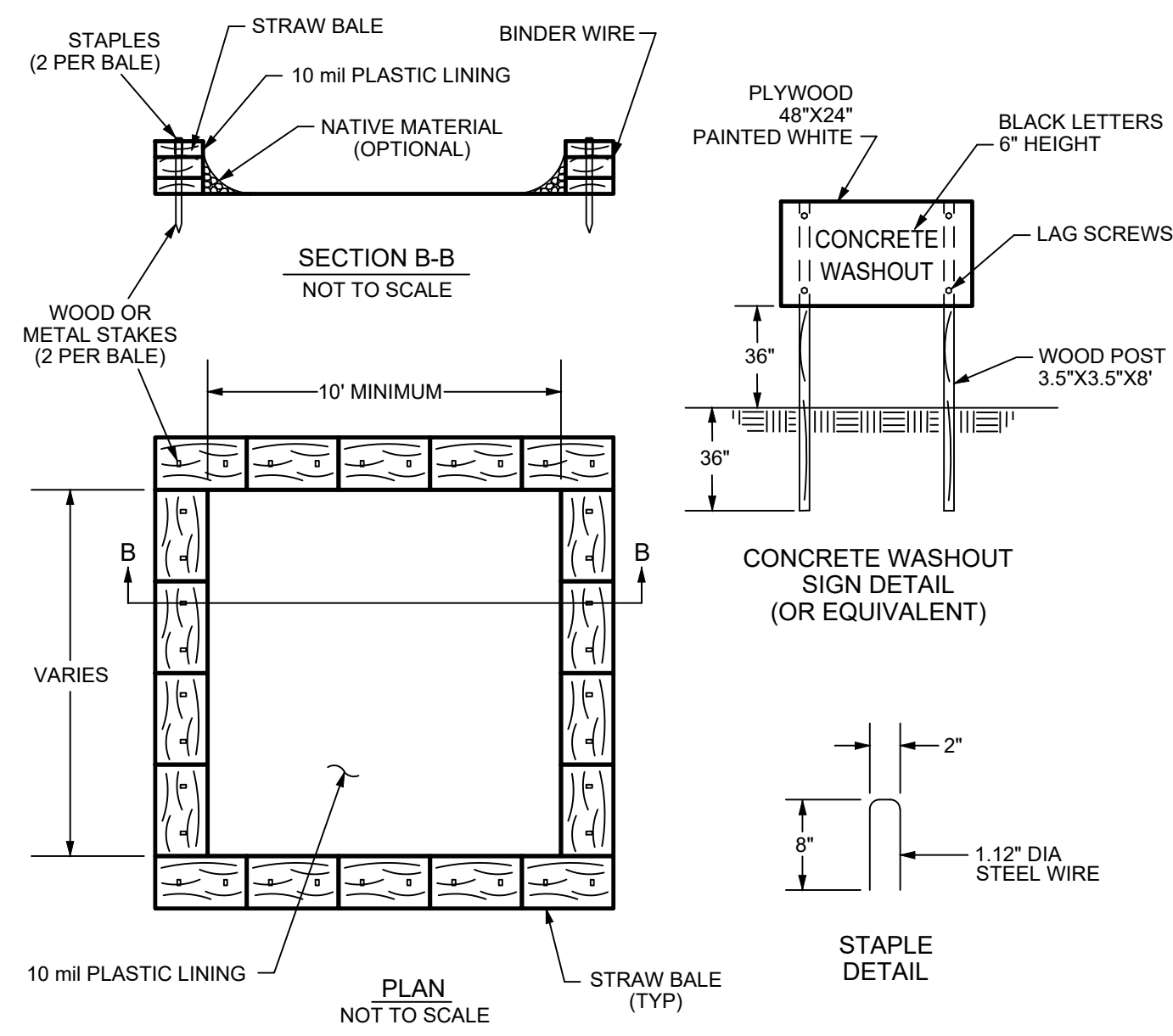


Revisions	
Date	Description

Date File: H2880.crd
 Drawing File: P:\KELLIDONSTORE.DWG
 Job Number: H4108
 Scale: 1" = 20'
 PVA Number:
 Drawn By: RPM
 Date: 12/10/2021
 Sheet: 2 of 3

NORTH 3RD STREET LIQUOR STORE
 Site Grading & Drainage Plan
 BARDSTOWN INVESTMENTS, LLC
 4412 GLEN EAGLE DRIVE, COLUMBIA, MO 65203
 NORTH THIRD STREET, BARDSTOWN, NELSON COUNTY, KENTUCKY

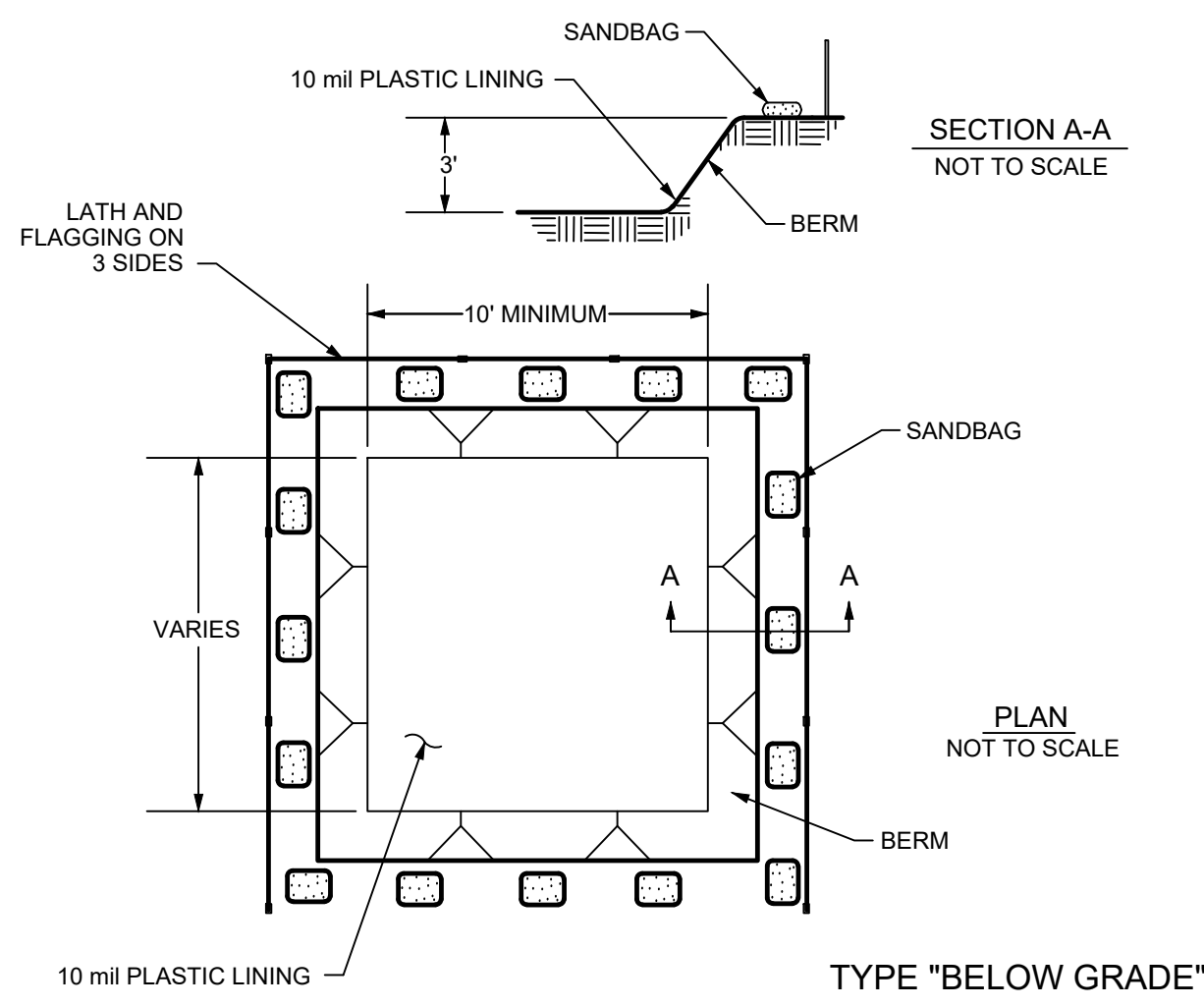




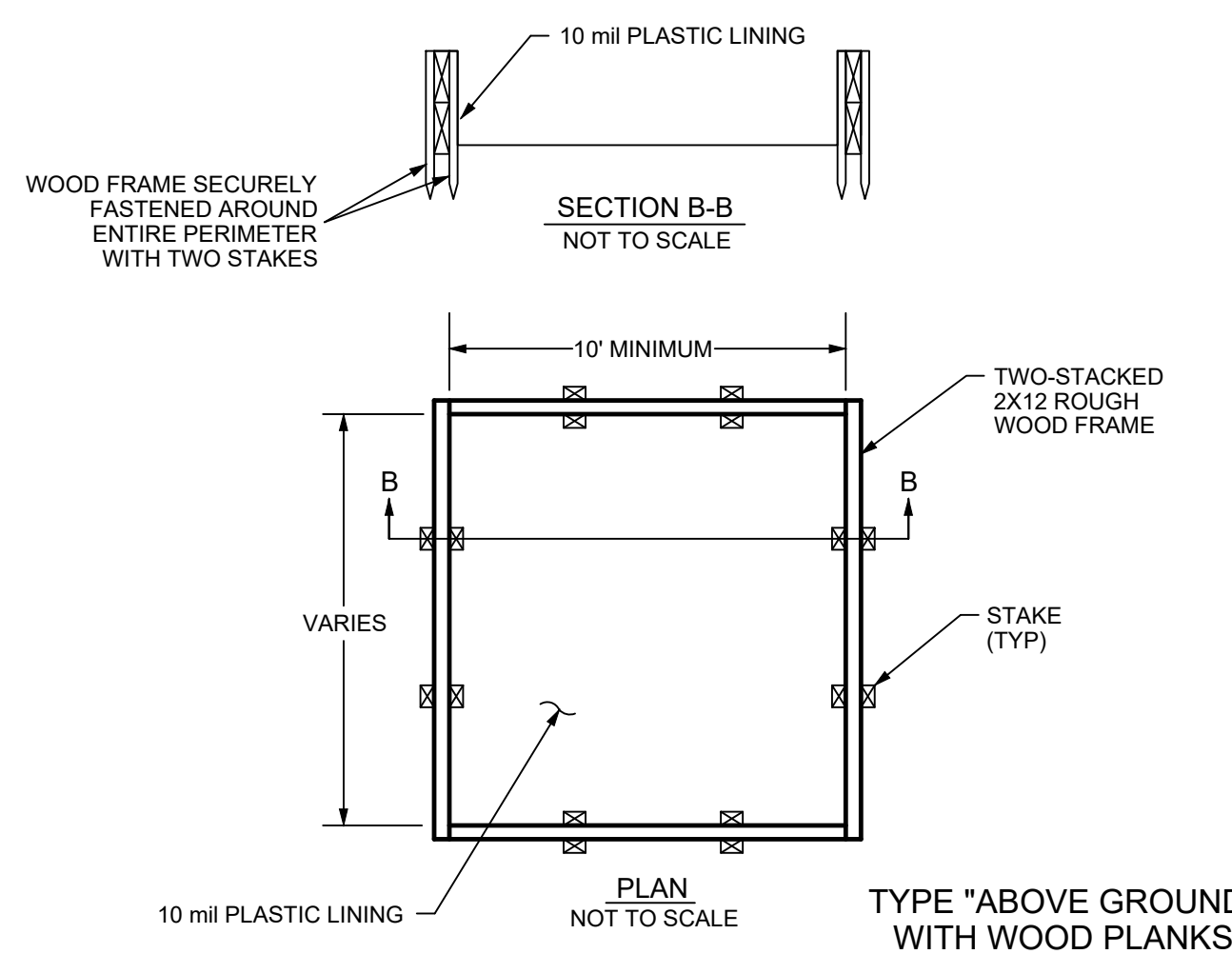
TYPE "ABOVE GRADE" WITH STRAW BALES

NOTES

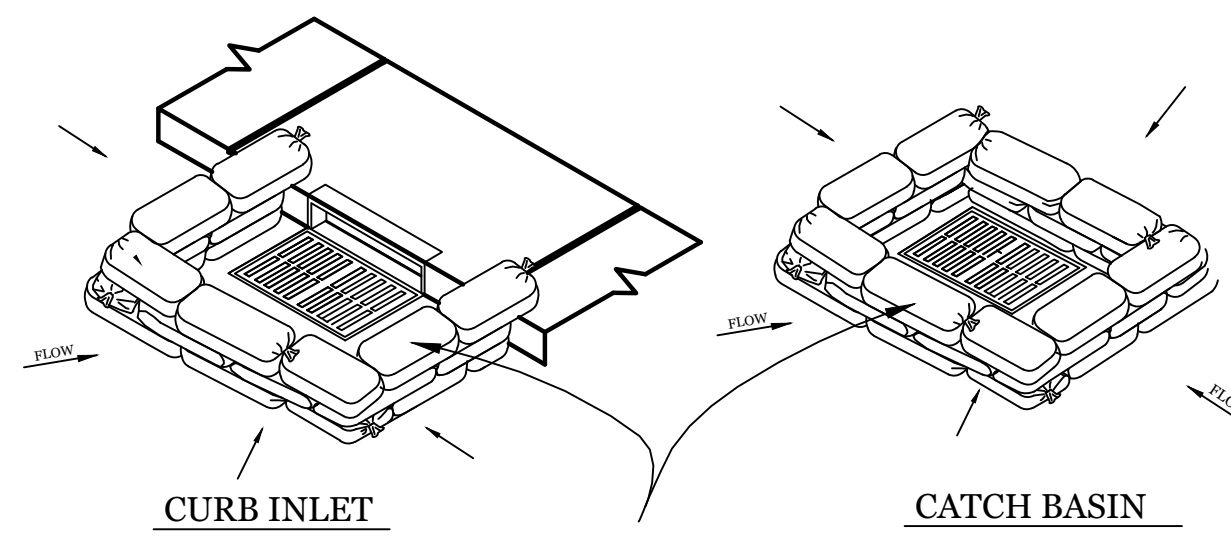
1. ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD.
2. A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF OR RECYCLED.
4. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED, REPAIRED, AND STABILIZED TO PREVENT EROSION.



TYPE "BELOW GRADE"



TYPE "ABOVE GROUND" WITH WOOD PLANKS

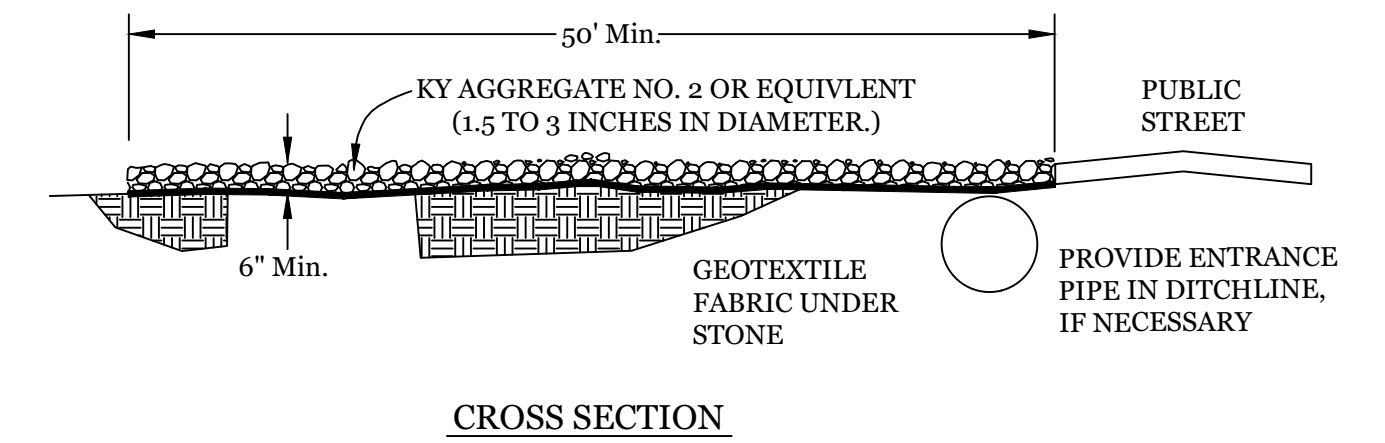


INLET PROTECTION SHALL BE HEIGHT OF 12 INCHES WITH TWO COURSES OF STONE BAGS AS A MINIMUM.

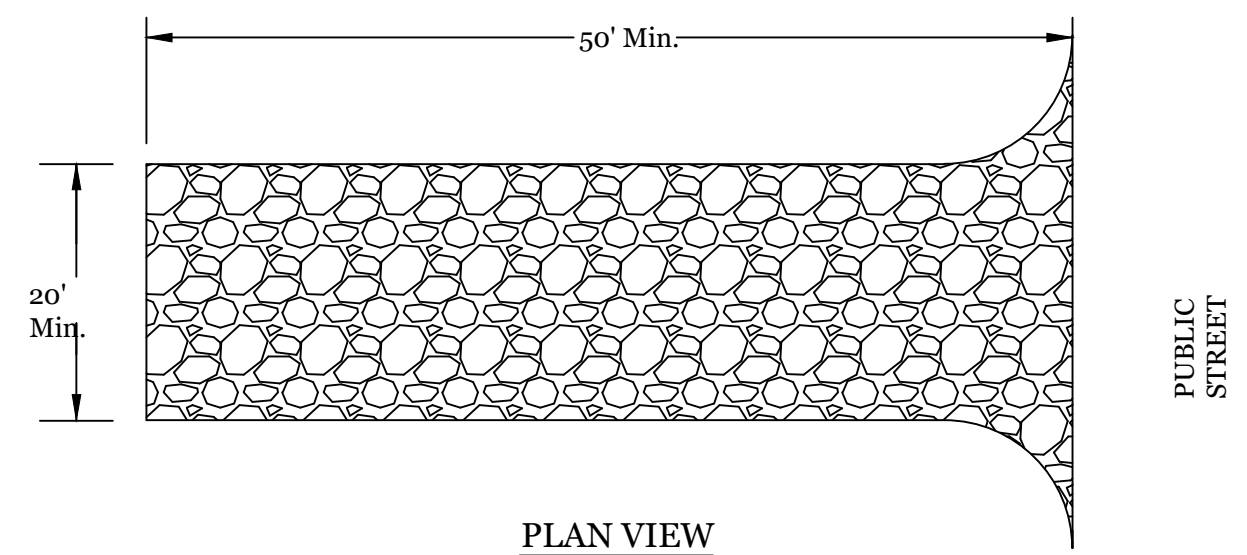
- NOTE:**
1. INSTALL STONE BAGS AROUND INLET IF PERMANENT STABILIZATION OF DISTURBED AREA IS NOT COMPLETE.
 2. STONE BAGS SHALL BE INTERWEAVED SO AS TO FILL ALL GAPS AND PROVIDE A SEAL TO BLOCK SEDIMENT.
 3. STONE BAGS SHALL BE INSPECTED WEEKLY. ANY BUILT-UP SEDIMENT SHALL BE REMOVED.
 4. STONE BAGS MAY ALSO BE USED FOR SILT PROTECTION IN SMALL SWALES OR SMALL DRAINAGE AREAS.

STONE BAG INLET PROTECTION

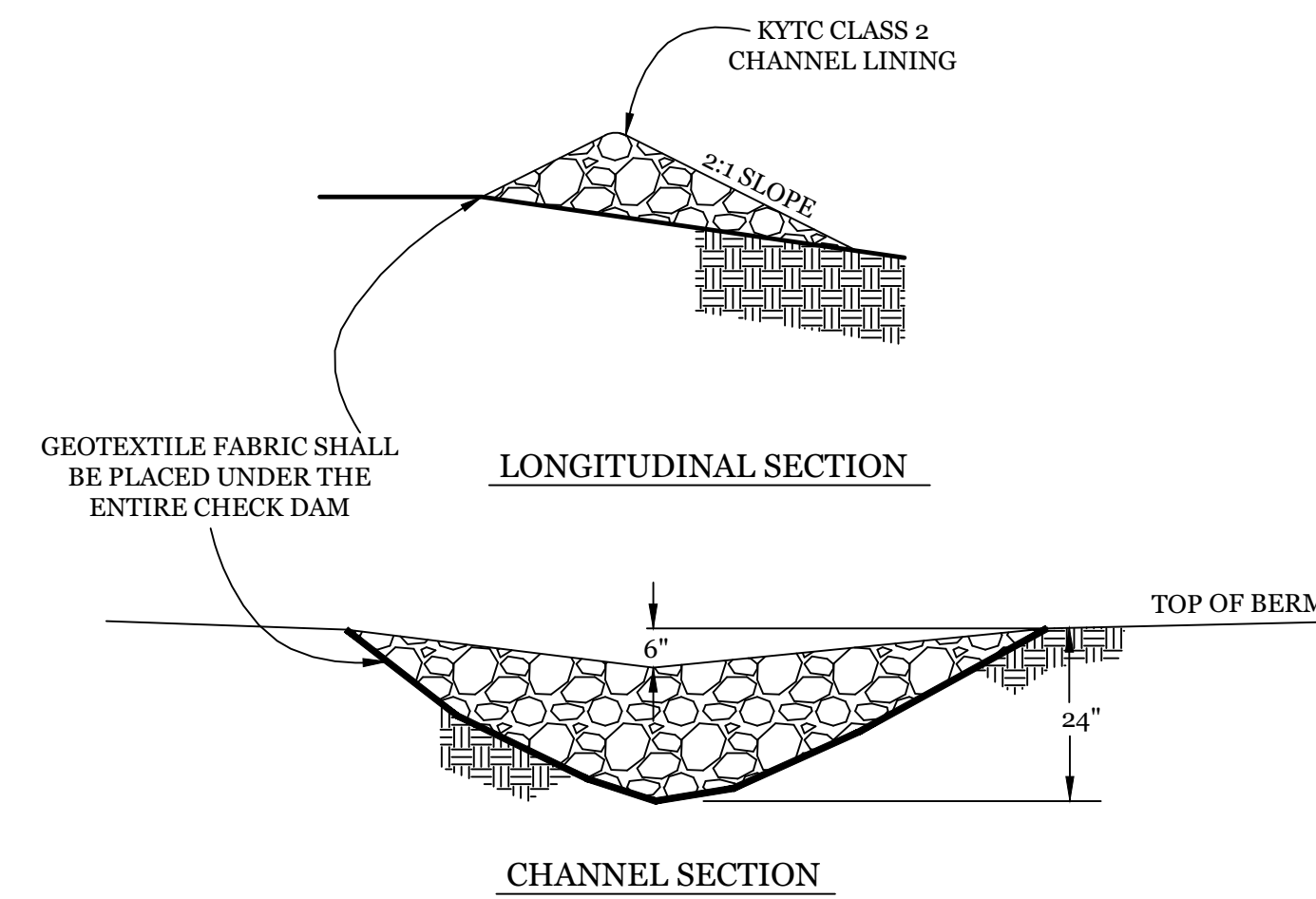
SOURCE : KDOH STANDARD DRAWINGS 11-21-07



CROSS SECTION



CONSTRUCTION ENTRANCE NOT TO SCALE



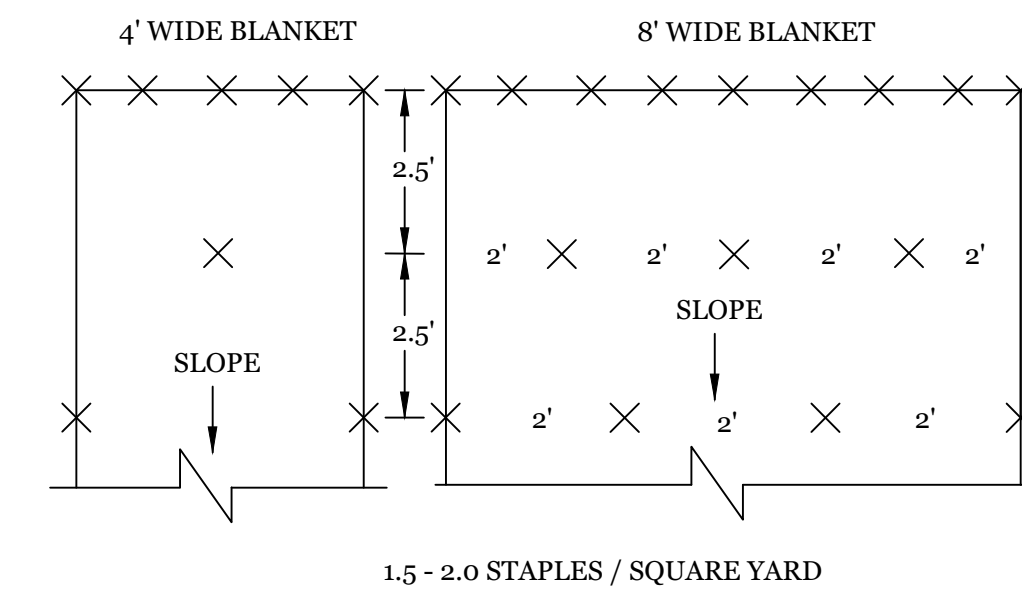
CHANNEL SECTION

NOTES:

1. GEOTEXTILE FILTER FABRIC SHALL BE PLACED BETWEEN THE STONE SILT CHECK DAM AND SOIL.
2. STONE SHALL BE HAND PLACED TO A MINIMUM THICKNESS OF 12 INCHES.
3. ALL CHECK DAMS SHOULD BE 24" OR LESS IN HEIGHT. THE OVERFLOW POINT SHOULD BE 6" LOWER THAN THE OUTER EDGES.
4. FRONT AND BACK SLOPES SHALL BE 2:1.

RIP-RAP SILT CHECK DAM

NOT TO SCALE



SLOPES UP TO 1.5H:1V

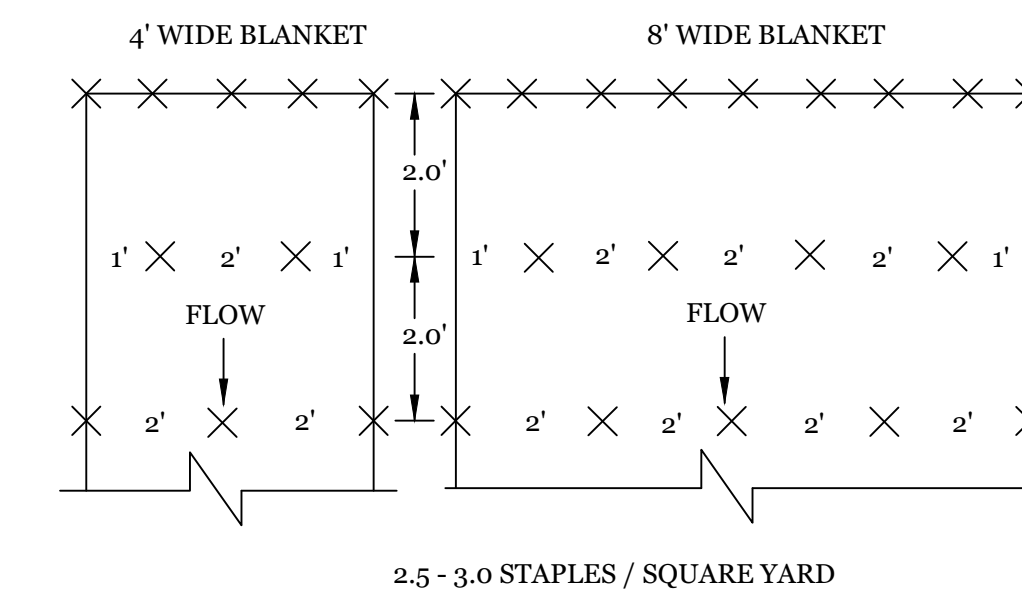
1. INSTALL BLANKET VERTICALLY OR HORIZONTALLY
2. USE 12" STAPLE SPACING ON STARTER ROW.

COHESIVE SOILS:

1. NO OVERLAP REQUIRED ON SIDE SEAMS
2. USE 6" STAPLE LENGTH

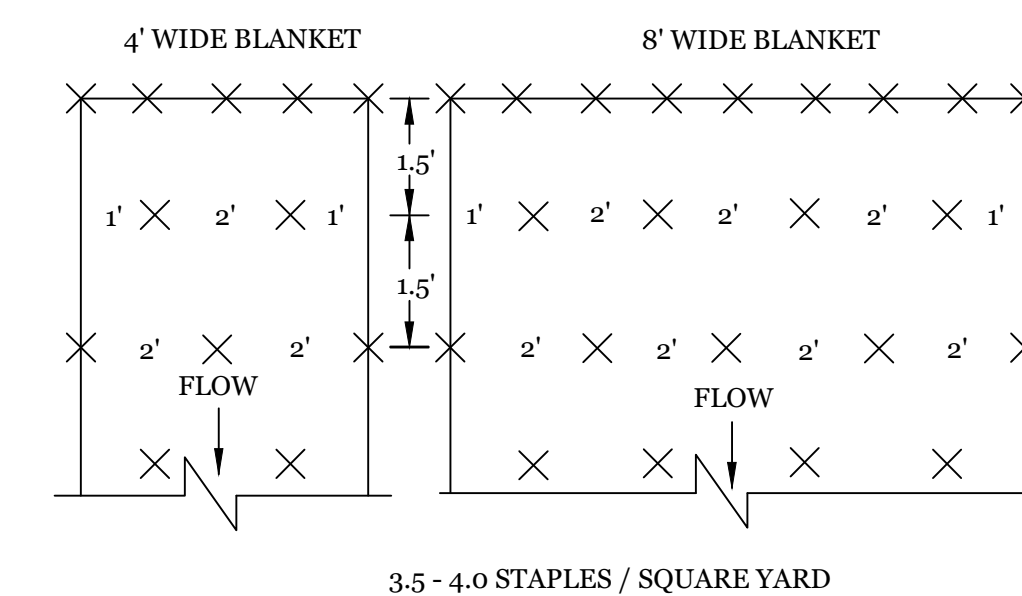
NON-COHESIVE SOILS:

1. USE 6" SIDE SEAM OVERLAP
2. USE 8" STAPLE LENGTH
3. USE 6" ANCHOR TRENCH AT TOP OF SLOPE



CHANNELS IN COHESIVE SOILS

1. USE 6" SIDE SEAM OVERLAP
2. USE 6" STAPLE LENGTH
3. USE 6" TRANSVERSE ANCHOR TRENCH AT 100 FT. INTERVALS.
4. USE 12" STAPLE SPACING ON STARTER ROW.
5. UPSTREAM BLANKET SHOULD OVERLAP DOWNSTREAM BLANKET A DISTANCE OF 12" IN A "SHINGLE" FASHION AND BURY THE FINISHED TOE AT LEAST 6"



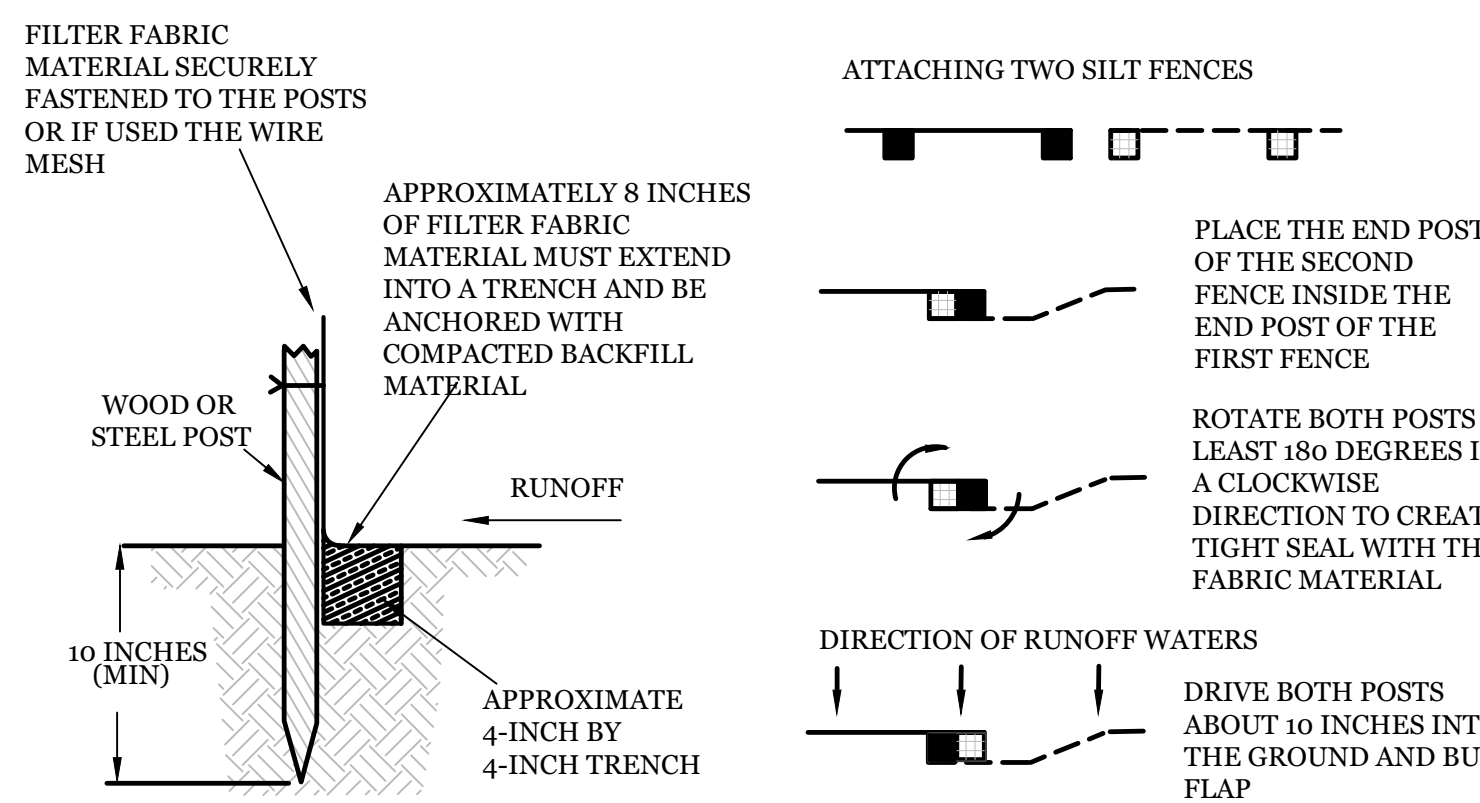
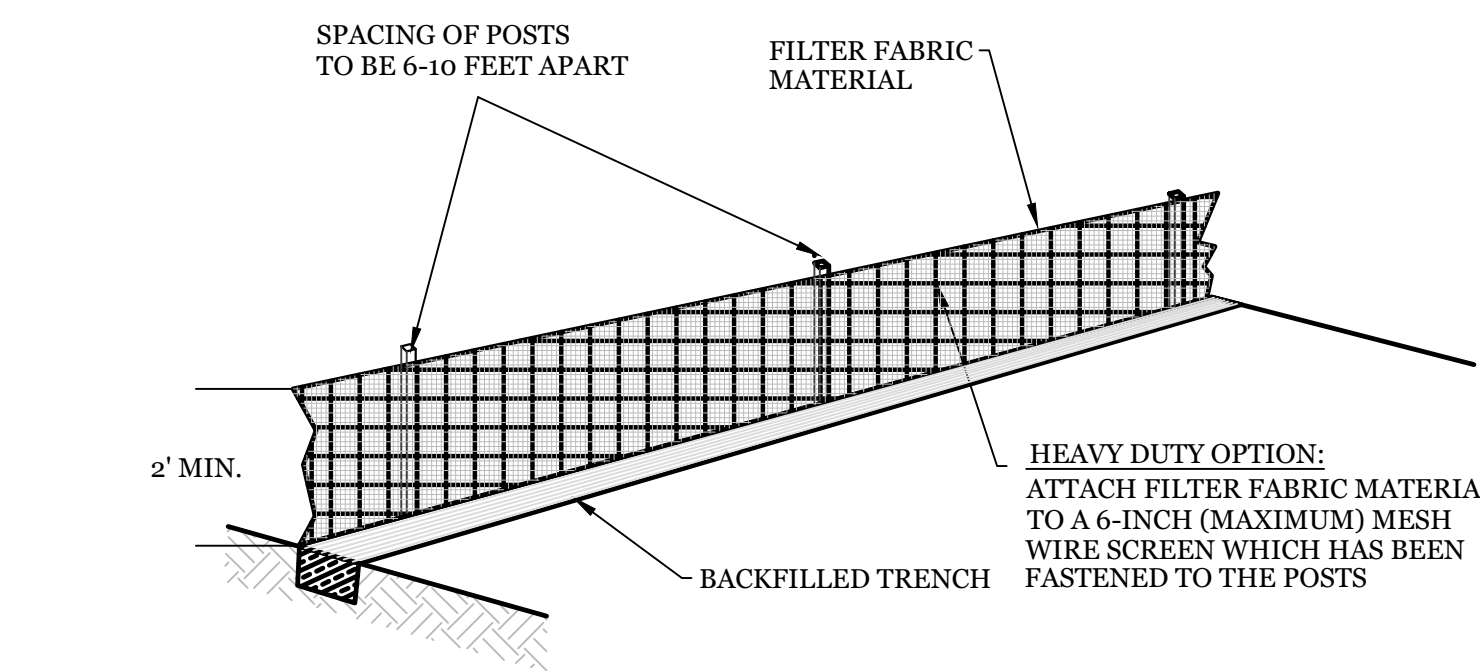
CHANNELS IN NON-COHESIVE SOILS

1. USE 6" SIDE SEAM OVERLAP
2. USE 8" STAPLE LENGTH
3. USE 6" TRANSVERSE ANCHOR TRENCH AT 50 FT. INTERVALS.
4. USE 12" STAPLE SPACING ON STARTER ROW.
5. UPSTREAM BLANKET SHOULD OVERLAP DOWNSTREAM BLANKET A DISTANCE OF 12" IN A "SHINGLE" FASHION AND BURY THE FINISHED TOE AT LEAST 6"

NOTE: THE ABOVE STAPLE PATTERN DETAILS INCLUDE STRAW AND EXCELSIOR MATS.

STAPLE PATTERN FOR EROSION CONTROL BLANKETS

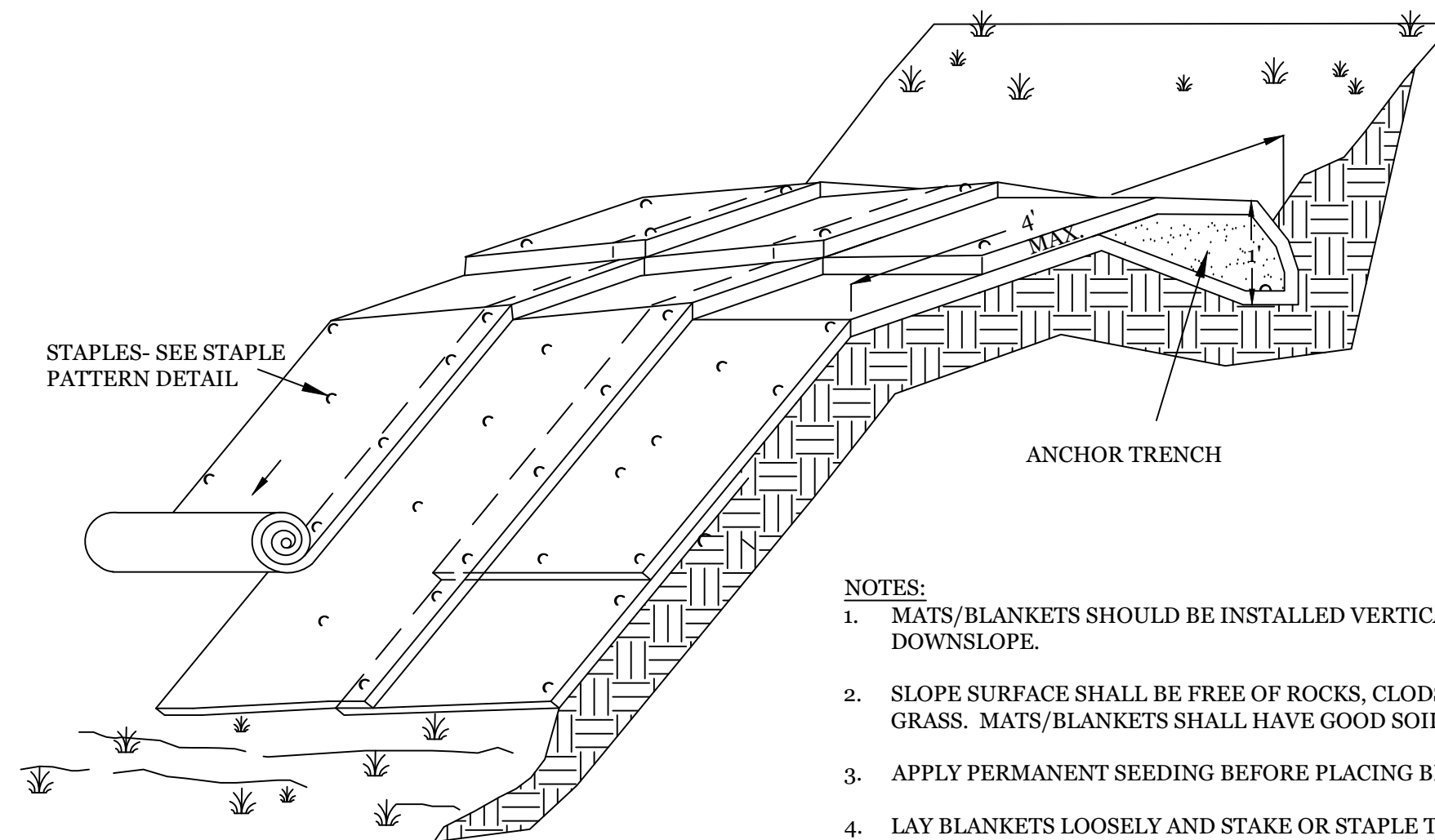
SOURCE : LFUCG STORMWATER MANUAL EFFECTIVE 1-1-09



NOTES:

1. SILT FENCE TO BE PLACED ON SLOPE CONTOUR.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
3. SILT FENCE SHALL BE HEAVY DUTY, AS INDICATED ON THE PLANS.

SILT FENCE NOT TO SCALE

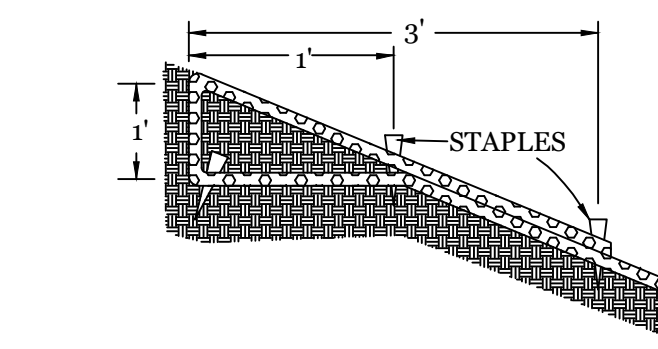


NOTES:

1. MATS/BLANKETS SHOULD BE INSTALLED VERTICALLY DOWNSLOPE.
2. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
3. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
4. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
5. FOLLOW DETAIL ON THIS SHEET FOR STAPLE PATTERN OF EROSION CONTROL BLANKETS.

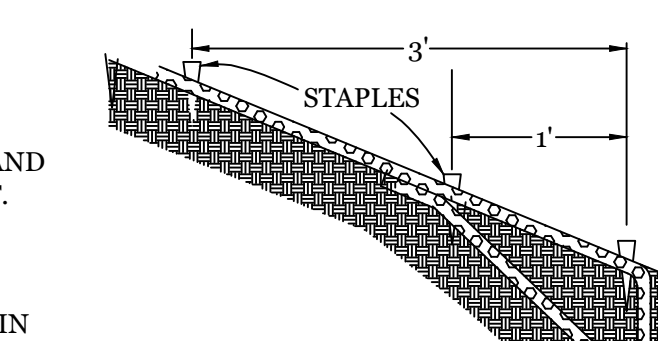
SLOPE INSTALLATION FOR EROSION CONTROL BLANKETS

SOURCE : SALIX APPLIED EARTH-CARE - EROSION DRAW 5.0



UPSTREAM ANCHOR SLOT DETAIL

SOURCE : LFUCG STORMWATER MANUAL EFFECTIVE 1-1-09



DOWNSTREAM ANCHOR SLOT DETAIL

SOURCE : LFUCG STORMWATER MANUAL EFFECTIVE 1-1-09

Revisions	By	Date

Date File: H2880.crd	Drawn By: RPM
Drawing File: PATELLIQUORSTORE.DWG	Date: 12/10/2021
Job Number: H4168	Scale: 3 of 3
Scale: PVA Number:	