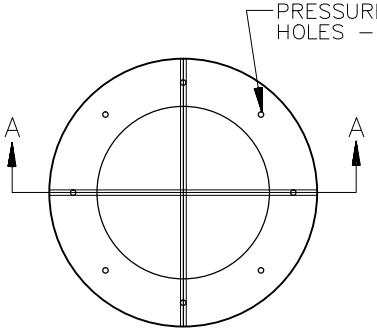
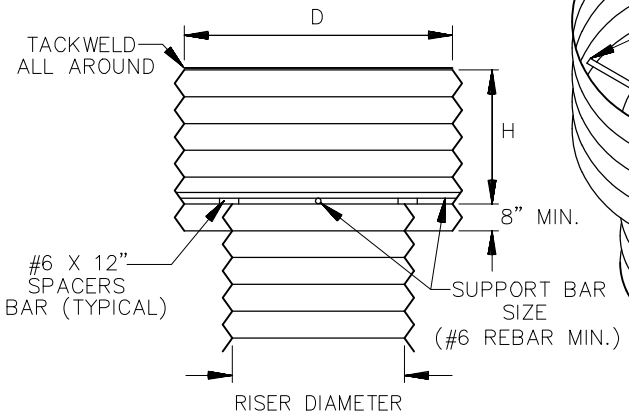
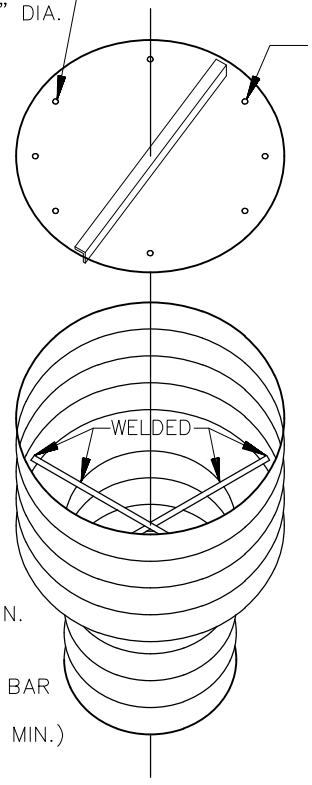


PLAN VIEW



SECTION A–A



ISOMETRIC

TOP STIFFENER (IF REQUIRED) IS__X__X__ANGLE WELDED TO TOP AND ORIENTED PERPENDICULAR TO CORRUGATIONS.

TOP IS__GAGE CORRUGATED METAL OR 1/8" STEEL PLATE. PRESSURE RELIEF HOLES MAY BE OMITTED, IF ENDS OF CORRUGATIONS ARE LEFT FULLY OPEN WHEN THE TOP IS ATTACHED.

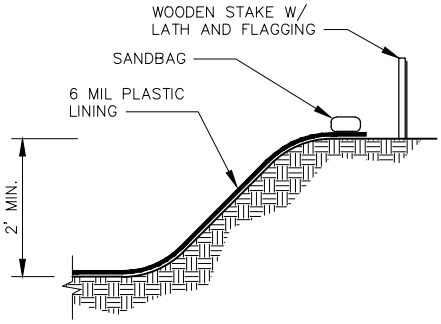
CYLINDER IS__GAGE CORRUGATED METAL PIPE OR FABRICATED FROM 1/8" STEEL PLATE.

NOTES:

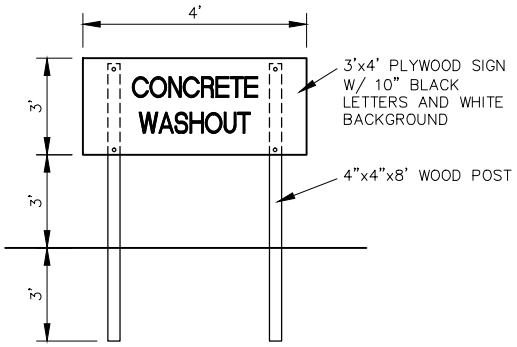
1. THE CYLINDER MUST BE FIRMLY FASTENED TO THE TOP OF THE RISER.
2. SUPPORT BARS ARE WELDED TO THE TOP OF THE RISER OR ATTACHED BY STRAPS BOLTED TO TOP OF RISER.

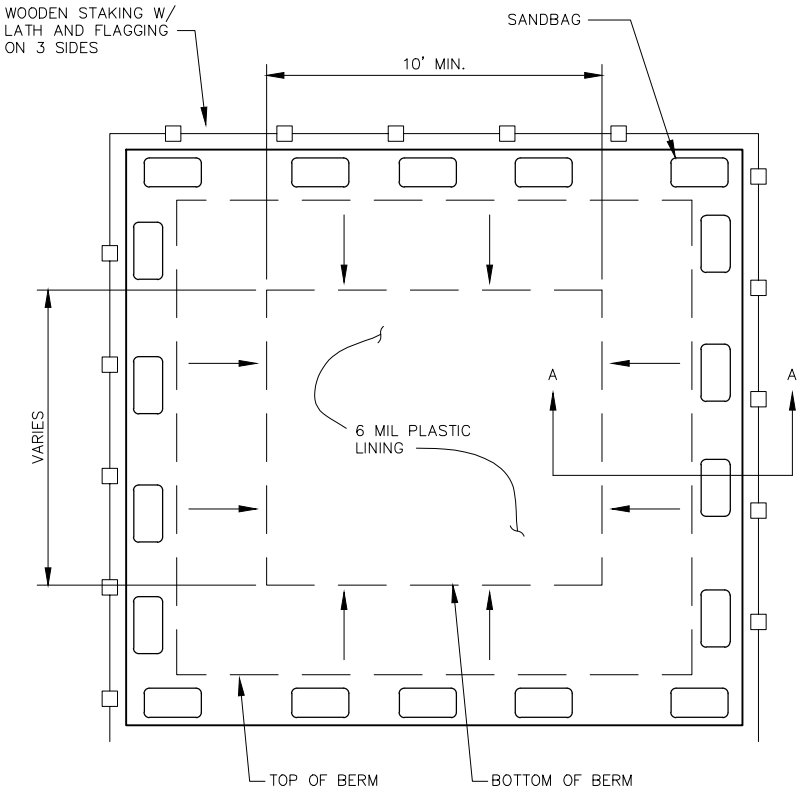
ANTI–VORTEX DEVICE

N.T.S.



SECTION A–A
N.T.S.



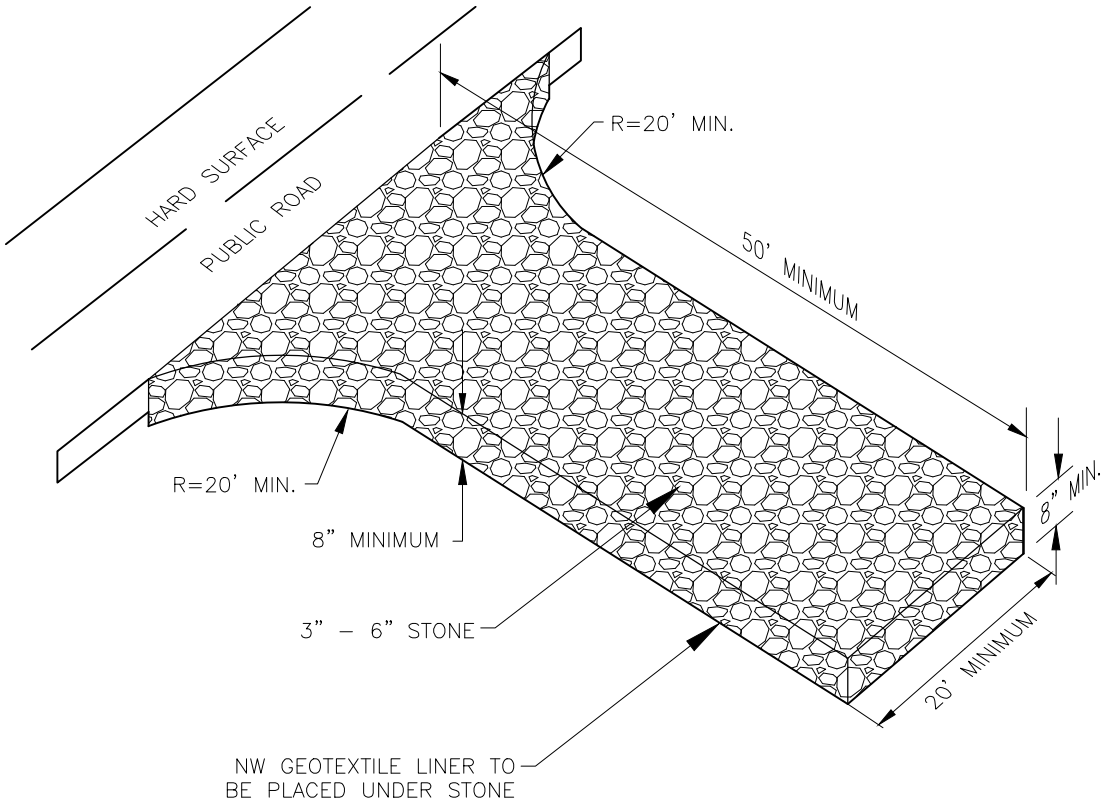


PLAN VIEW
N.T.S.

NOTES:
1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 25' OF THE TEMPORARY WASHOUT FACILITY

CONCRETE WASHOUT AREA

N.T.S.

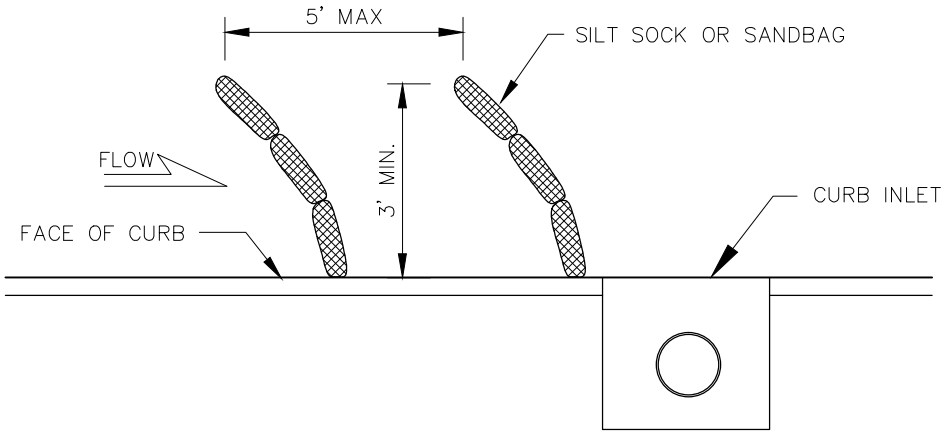


NOTES:

1. A STABILIZED ENTRANCE PAD OF 3"–6" CRUSHED STONE SHALL BE LOCATED WHERE TRAFFIC WILL ENTER OR LEAVE THE CONSTRUCTION SITE ONTO A PUBLIC STREET.
2. FILTER FABRIC OR COMPACTED CRUSHER RUN STONE SHALL BE USED AS A BASE FOR THE CONSTRUCTION ENTRANCE.
3. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS OR EXISTING PAVEMENT. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS WARRANT AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
4. ANY SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC STREETS MUST BE REMOVED IMMEDIATELY.
5. WHEN APPROPRIATE, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING A PUBLIC STREET. WHEN WASHING IS REQUIRED, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN. WATER SHALL BE PROVIDED AT STABILIZED ENTRANCE WHEN NEEDED.

CONSTRUCTION ENTRANCE & EXIT

N.T.S.



NOTES:

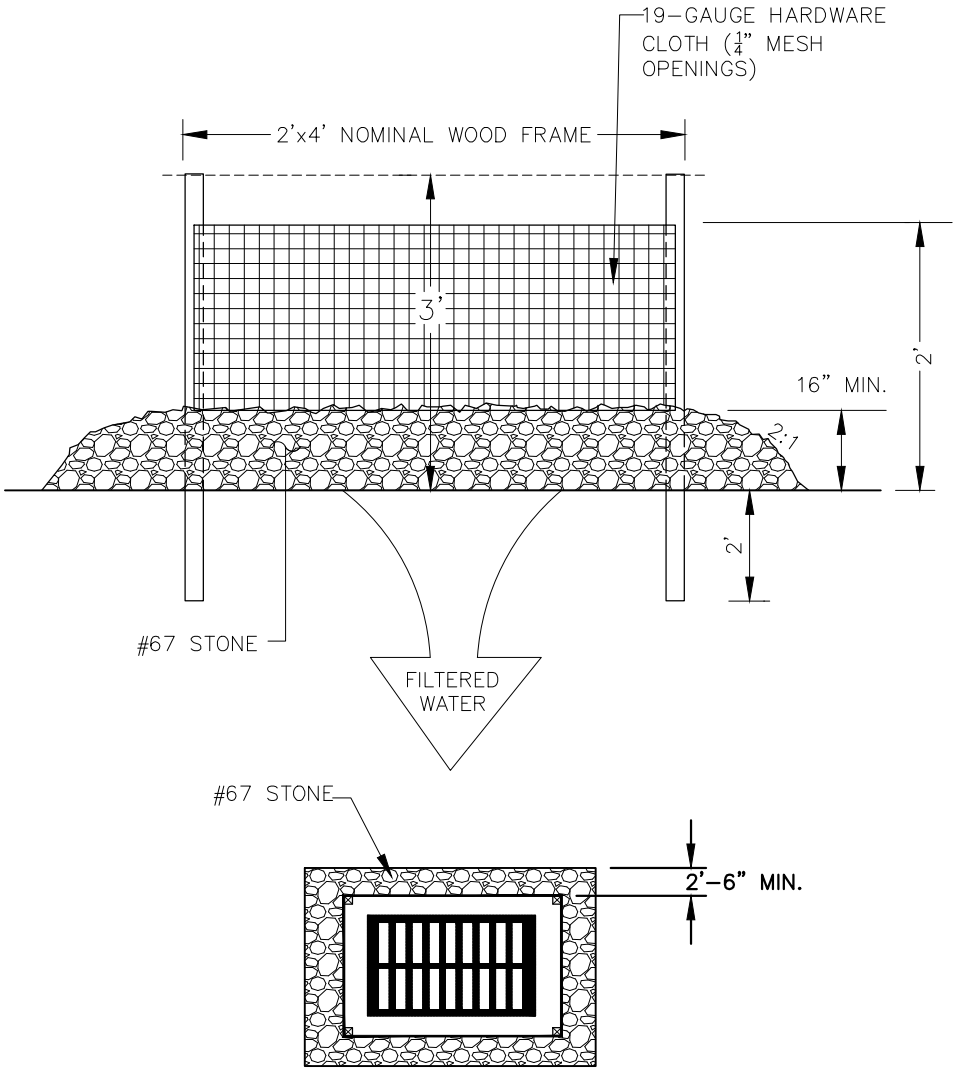
1. SOCKS WILL BE USED UPGRADIENT OF INLET PERPENDICULAR TO AND FLUSH WITH CURB.
2. NO LESS THAN TWO 10–INCH DIAMETER SOCKS MUST BE USED IN SEQUENCE, SPACED NO MORE THAN FIVE FEET APART, UPGRADIENT OF INLET. NO LESS THAN SIX SOCKS SHALL BE USED IF THE 4–INCH SOCK IS USED, ALSO SPACED AT NO MORE THAN 5 FEET APART.
3. CLEAN OR REPLACE SOCKS OR SANDBAGS WHEN THEY BECOME CLOGGED AND NO LONGER PERMIT RUNOFF TO FLOW THROUGH ADEQUATELY
4. REMOVE SEDIMENT FROM IN FRONT OF SOCKS OR SANDBAGS WHEN IT REACHES 1/3 THE HEIGHT OF THE DEVICE.

CURB INLET SEDIMENT PROTECTION

N.T.S.

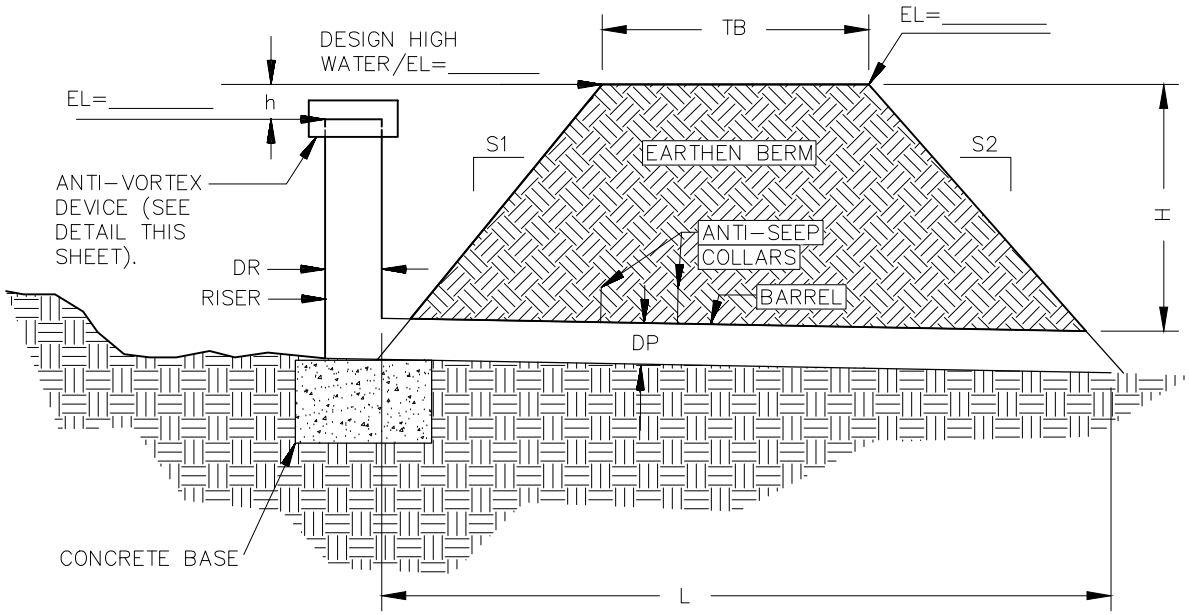
GENERAL NOTES:

1. UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET.
2. DRIVE 5–FOOT STEEL POSTS 2 FEET INTO THE GROUND SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND THE PERIMETER OF THE INLET, A MAXIMUM OF 4 FEET APART.
3. SURROUND THE POSTS WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP, MIDDLE, AND BOTTOM. PLACING A 2–FOOT FLAP OF THE WIRE MESH UNDER THE GRAVEL FOR ANCHORING IS RECOMMENDED.
4. PLACE CLEAN GRAVEL (#67 STONE) ON A 2:1 SLOPE WITH A HEIGHT OF 16 INCHES AROUND THE WIRE, AND SMOOTH TO AN EVEN GRADE.
5. ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ACCUMULATED SEDIMENT, AND ESTABLISH FINAL GRADING ELEVATIONS.
6. COMPACT THE AREA PROPERLY AND STABILIZED IT WITH GROUNDCOVER.



GRATED INLET PROTECTION

N.T.S.

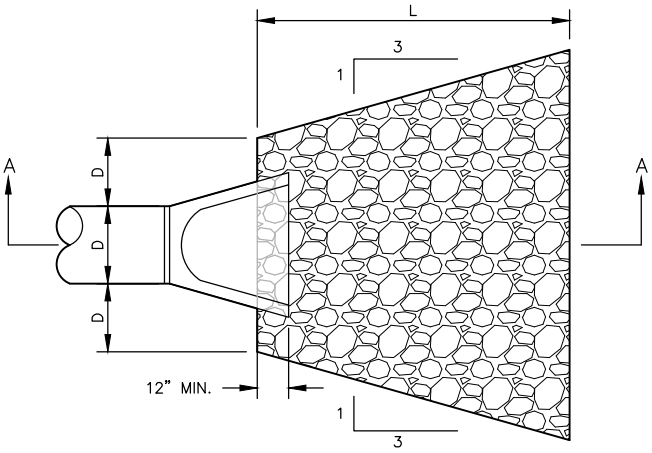


SECTION A-A

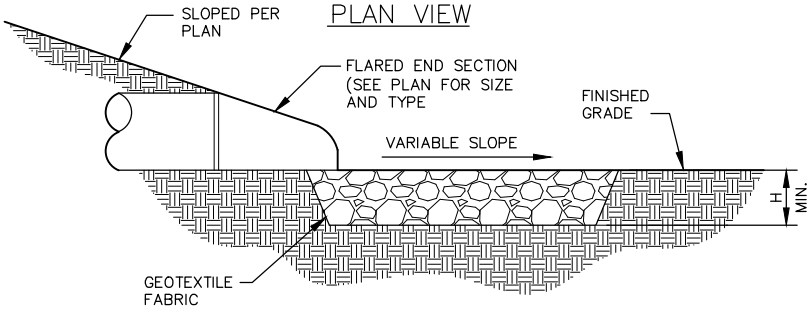
H	= HEAD ON PIPE THROUGH EMBANKMENT	=_____
h	= HEAD OVER RISER CREST	=_____
L	= LENGTH OF PIPE THROUGH EMBANKMENT	=_____
DP	= DIAMETER OF PIPE THROUGH EMBANKMENT	=_____
DR	= DIAMETER OF RISER	=_____
TB	= TOP OF BERM WIDTH	=_____
SI	= SIDE SLOPE	=_____
S2	= SIDE SLOPE	=_____
EL	= ELEVATION	=_____

PRINCIPLE SPILLWAY

N.T.S.

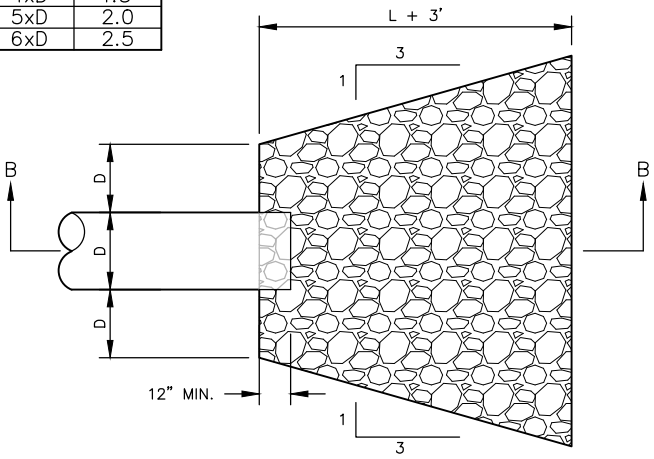


PLAN VIEW

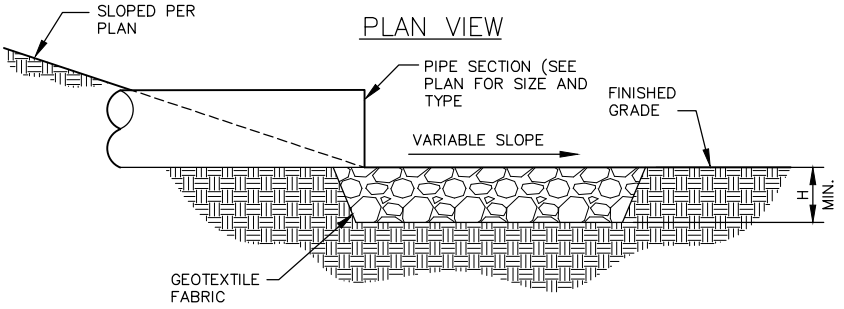


SECTION A–A

APRON TYPE	CLASS RIPRAP	LENGTH OF APRON L (FEET)	DEPTH OF APRON H (FEET)
1	2	4xD	1.5
2	3	5xD	2.0
3	4	6xD	2.5



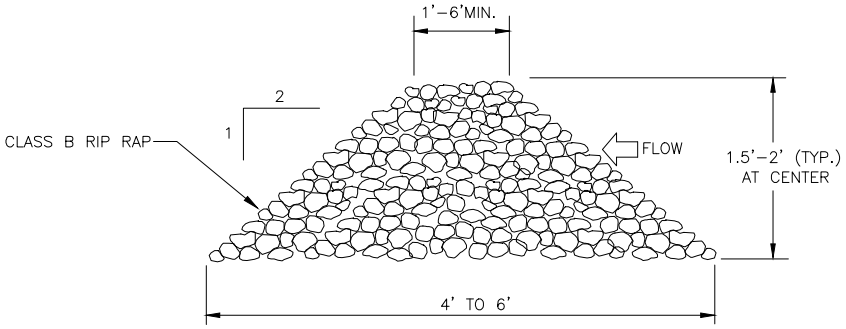
PLAN VIEW



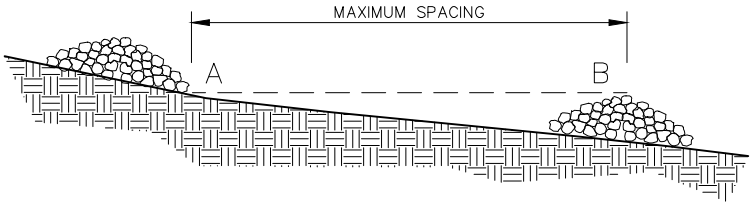
SECTION B–B

RIPRAP AT CULVERT OUTLET

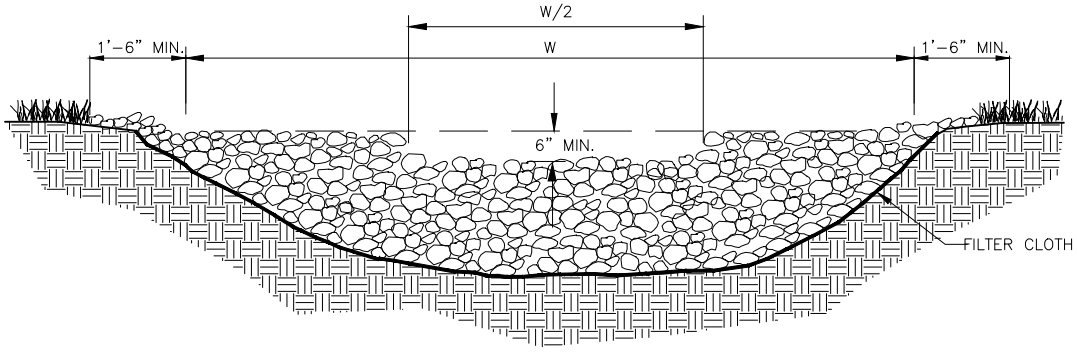
N.T.S.



CROSS SECTION



A AND B ARE AT EQUAL ELEVATIONS



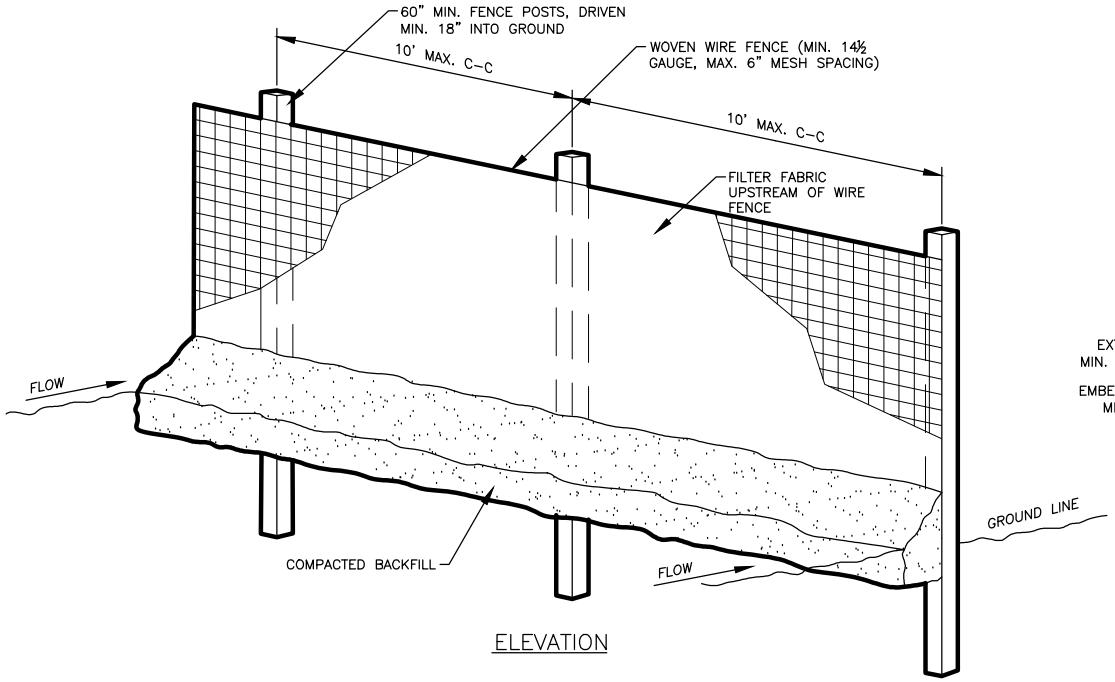
PLAN

GENERAL NOTES:
1. RIPRAP SIZE TO BE DESIGNED BY ENGINEER.
2. CHECK DAMS MAY BE USED IN SLOPING DITCHES OR CHANNELS TO SLOW VELOCITY OR TO CREATE SEDIMENT TRAPS. ENSURE THAT MAXIMUM SPACING BETWEEN DAMS PLACES THE
3. TOE OF THE UPSTREAM DAM AT THE SAME ELEVATION AS THE DOWNSTREAM DAM (SEE DIAGRAM ABOVE).

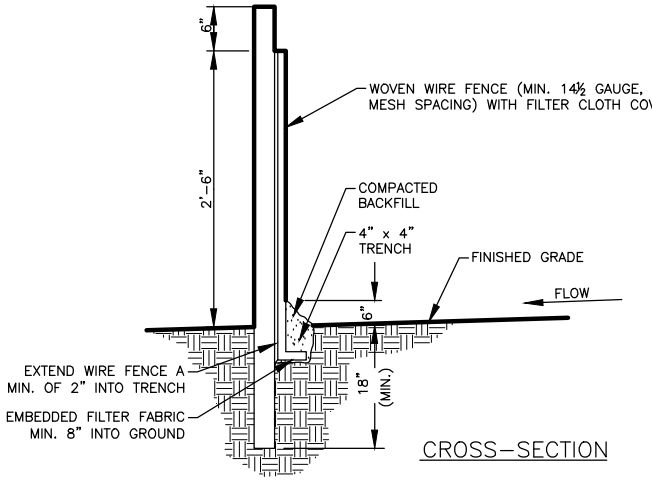
ROCK CHECK DAM

N.T.S.

Group II Districts 3, 4, 7, 8, and 9	
March 15 - June 15	**lbs/acre**
Bermuda Grass (Common) unhulled	5
Bermuda Grass (Common) hulled	10
Lespedeza (Korean)	10
Wildflower Mix	4
June 16 - August 31	
Bermuda Grass (Common) unhulled	5
Bermuda Grass (Common) hulled	10
Wildflower Mix	4
September 1 - March 14	
Annual Rye Grass or other Cereal Grasses	10
Crimson Clover (Dixie)	10
Bermuda Grass (Common) unhulled	20
Wildflower Mix	4



ELEVATION

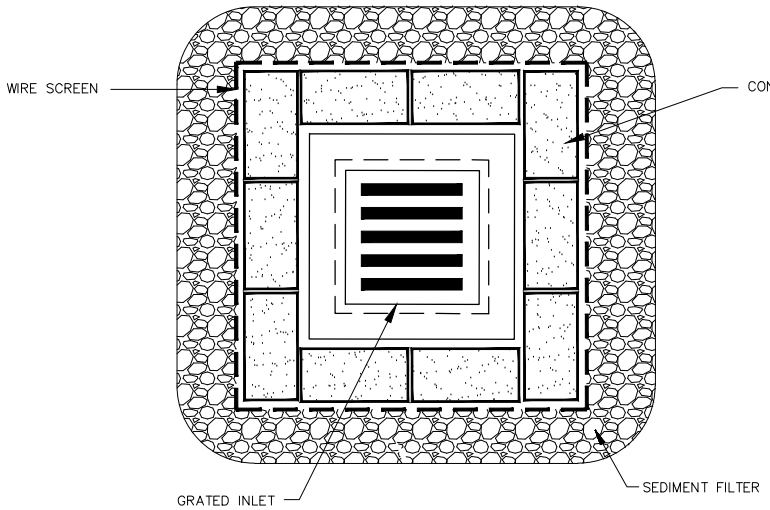


CROSS-SECTION

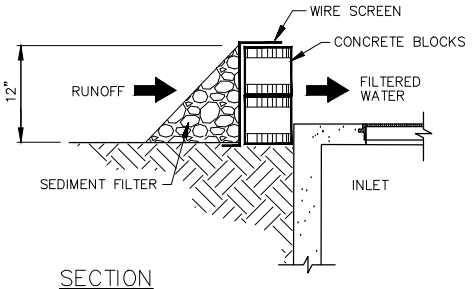
SILT FENCE DETAIL

N.T.S.

NOTES:
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. POSTS SHALL BE STEEL EITHER U OR T TYPE OR 2"x2" HARDWOOD FENCE: WOVEN WIRE, 14-1/2 GA. 6"
4. MESH OPENING FILTER FABRIC SHALL BE ETHER MIRAFI 140NS, PHILLIPS 66 SUPAC 4NP, DUPONT TYPAR 3341, OR APPROVED EQUAL
4. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 24" AND FOLDED.
5. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE EROSION CONTROL PLAN. COLLECTED MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



PLAN

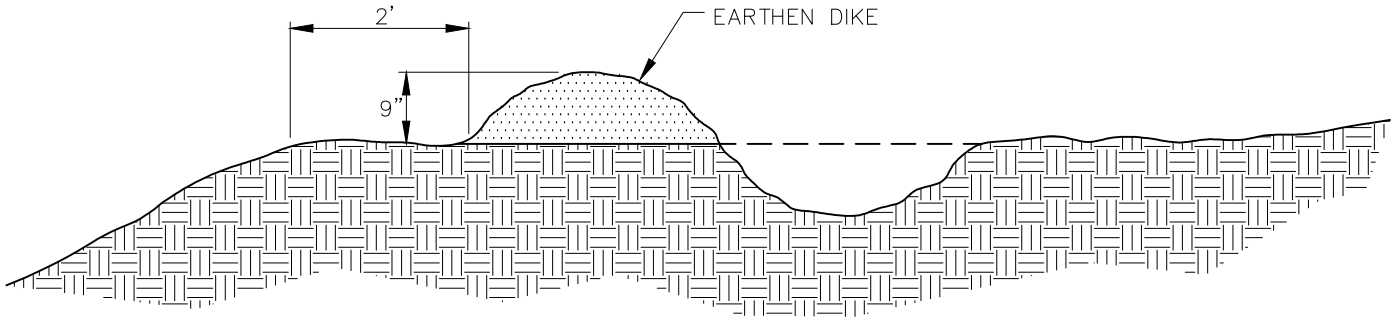


SECTION

1. PLACE CONCRETE BLOCKS IN A SINGLE ROW AROUND PERIMETER OF INLET ON THEIR SIDES, WITH ENDS OF ADJACENT BLOCKS ABUTTING.
2. HEIGHT OF BARRIER VARIES. USE STACKS OF 4–INCH, 8–INCH, OR 12" BLOCKS. MIN.
3. HEIGHT OF BARRIER 12" AND MAX. HEIGHT OF 24" PLACE HARDWARE CLOTH/WIRE MESH W/ MAX. 1/2" OPENINGS OVER VERTICAL FACE OF CONCRETE BLOCKS.
4. PLACE CLEAN GRAVEL (#67 STONE) ON A 2:1 SLOPE WITH A HEIGHT OF 16 INCHES AROUND THE WIRE, AND SMOOTH TO AN EVEN GRADE.

TEMPORARY BLOCK AND AGGREGATE INLET SEDIMENT FILTER

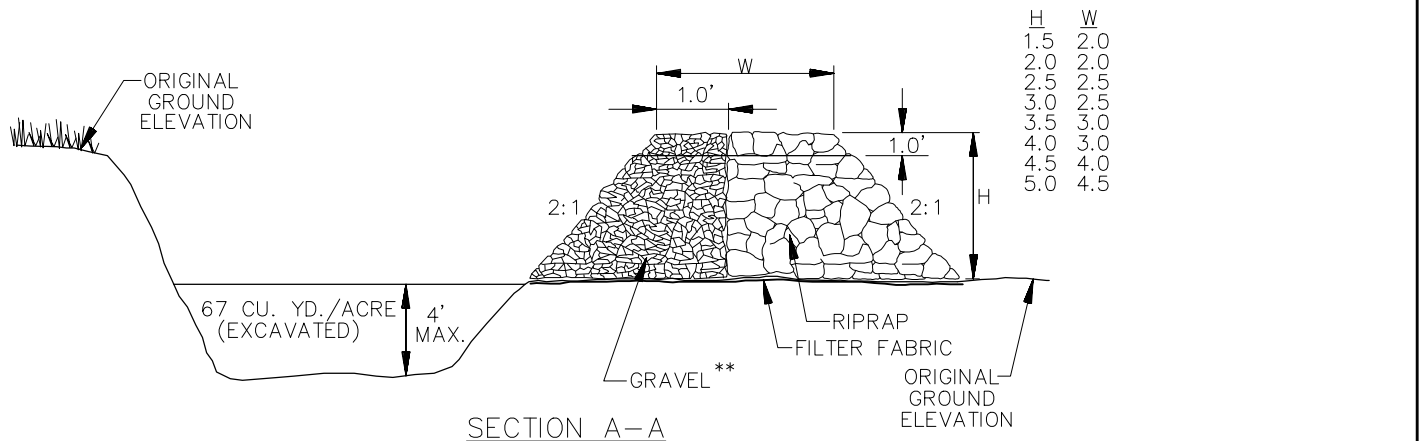
N.T.S.



1. HEIGHT: THE MINIMUM HEIGHT OF THE SUPPORTING RIDGE SHALL BE 9 INCHES
2. GRADE: THE CHANNEL SHALL HAVE A POSITIVE GRADE TO A STABILIZED OUTLET.
3. OUTLET: THE DIVERTED RUNOFF SHOULD BE RELEASED THROUGH A STABILIZED OUTLET, SLOPE DRAIN OR SEDIMENT TRAPPING MEASURE.
4. THE DIVERSION SHALL BE CONSTRUCTED AT THE TOP OF THE FILL AT THE END OF EACH WORK DAY AS NEEDED.
5. THE DIVERSION SHALL BE LOCATED AT LEAST 2 FEET INSIDE THE TOP EDGE OF THE FILL 6. THE SUPPORTING RIDGE SHALL BE CONSTRUCTED WITH A UNIFORM HEIGHT ALONG ITS ENTIRE LENGTH. WITHOUT UNIFORM HEIGHT, THE FILL DIVERSION MAY BE SUSCEPTIBLE TO BREACHING.
5. DISTURBED PORTIONS OF THE SITE WHERE THE TEMPORARY FILL DIVERSION IS CONSTRUCTED , SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 2 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.

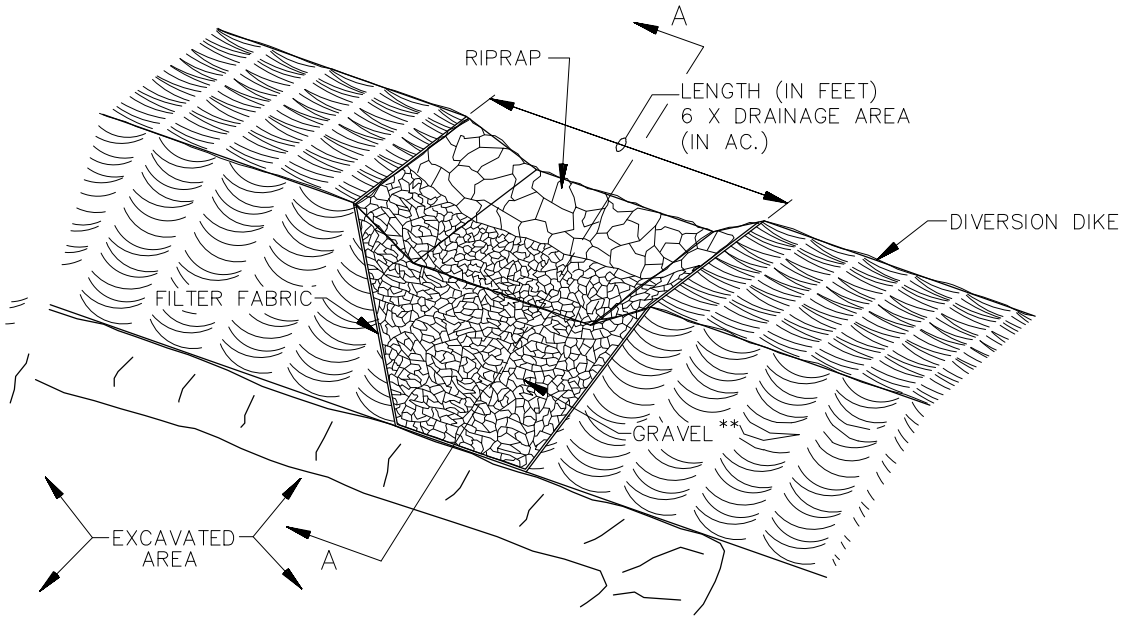
TEMPORARY FILL DIVERSION

N.T.S.



H	W
1.5	2.0
2.0	2.0
2.5	2.5
3.0	2.5
3.5	3.0
4.0	3.0
4.5	4.0
5.0	4.5

SECTION A–A

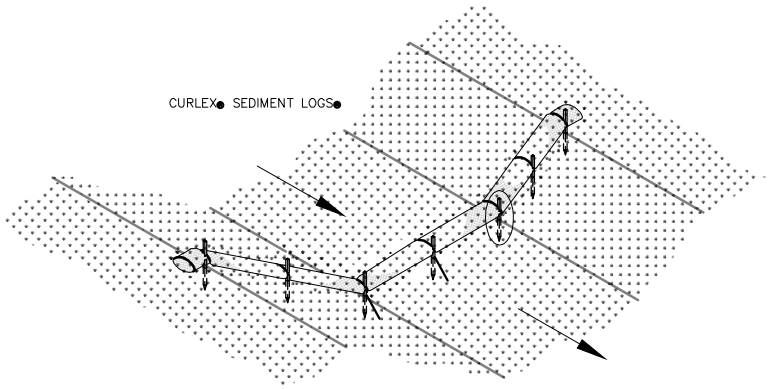


** GRAVEL SHALL BE 2"–3" STONE

OUTLET (PERSPECTIVE)

TEMPORARY SEDIMENT TRAP

N.T.S.



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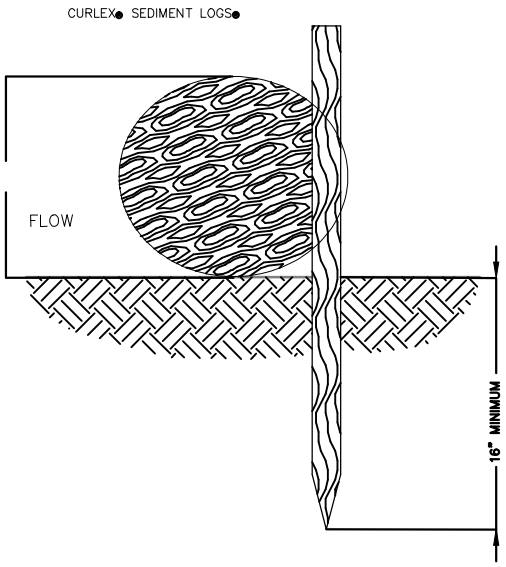

EROSION 14

GENERAL DETAIL SHEET

CITY OF Sloam Springs
It's a natural