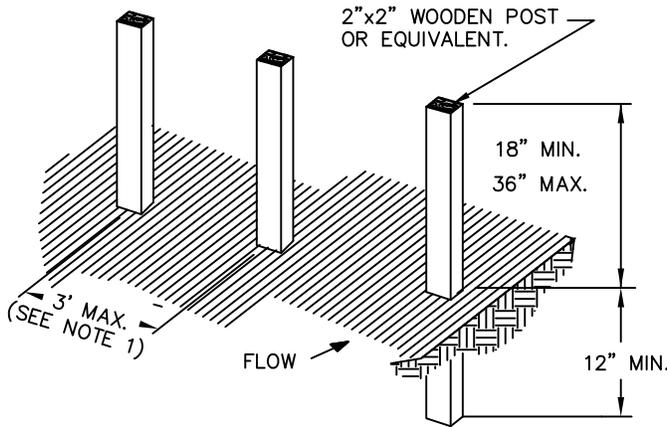
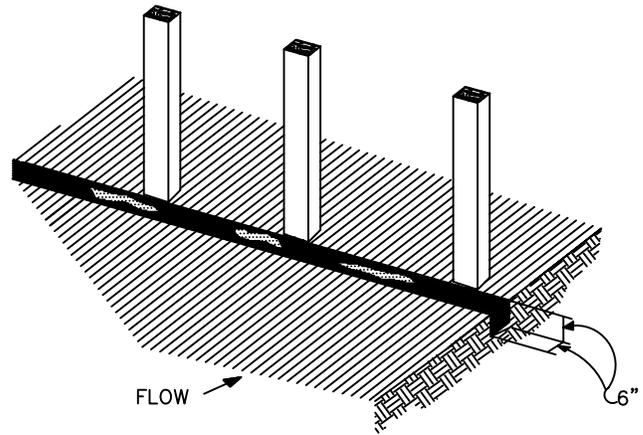


FILTER FABRIC FENCE

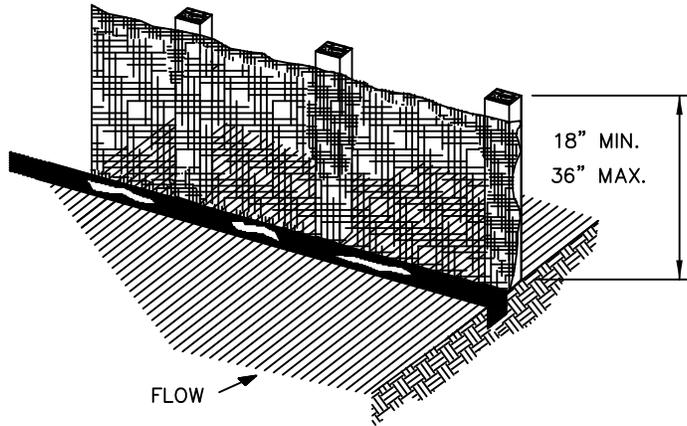
1. SET POSTS AT REQUIRED SPACING AND DEPTH



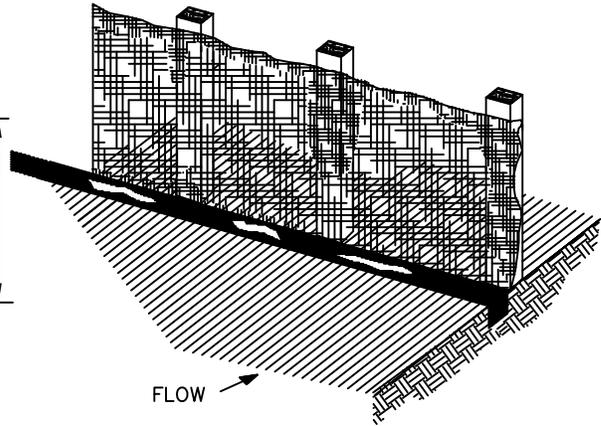
2. EXCAVATE A 6"x6" TRENCH UPSLOPE ALONG THE LINE OF STAKES.



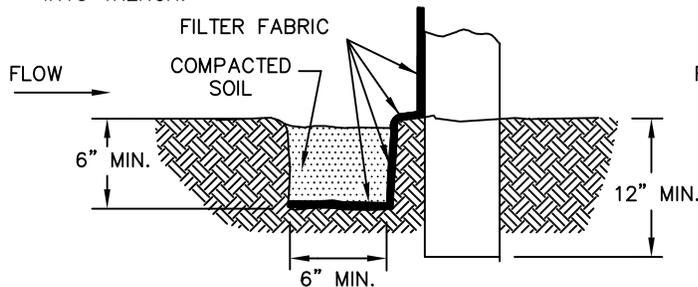
3. ATTACH FILTER MATERIAL TO STAKES AND INSTALL IT INTO THE TRENCH.



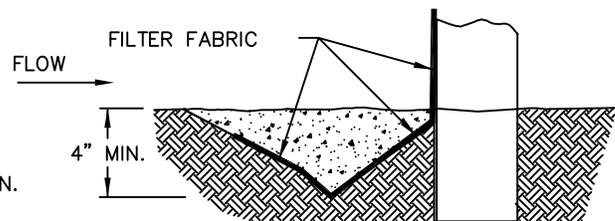
4. BACKFILL THE TRENCH AND COMPACT THE EXCAVATED SOIL.



EXTENSION OF FABRIC INTO TRENCH.



ALTERNATE V-TRENCH EXTENSION OF FABRIC INTO TRENCH.



GENERAL NOTES:

1. POSTS TO BE SET AT 3-FOOT MAXIMUM SPACING. IF FACTORY PREASSEMBLED FENCE WITH SUPPORT NETTING IS USED, SPACING OF POST MAY BE INCREASED TO 8 FEET MAXIMUM.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHOULD BE OVERLAPPED 6 INCHES AT THE POSTS, AND FOLDED.

NOT TO SCALE

CITY OF TOMBALL
ENGINEERING & PLANNING DEPARTMENT

FILTER FABRIC FENCE CONSTRUCTION DETAILS

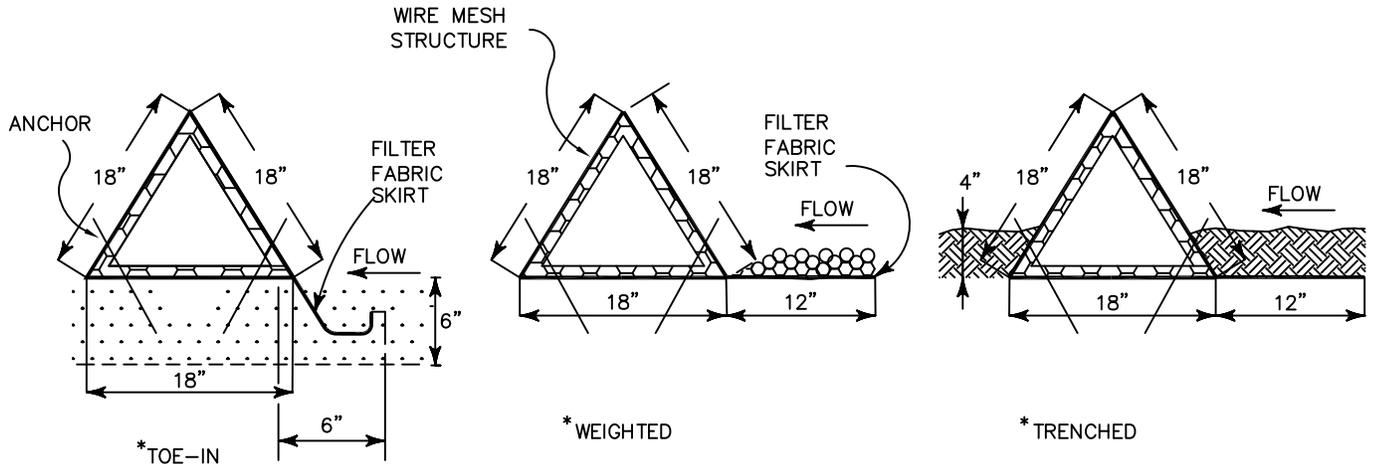
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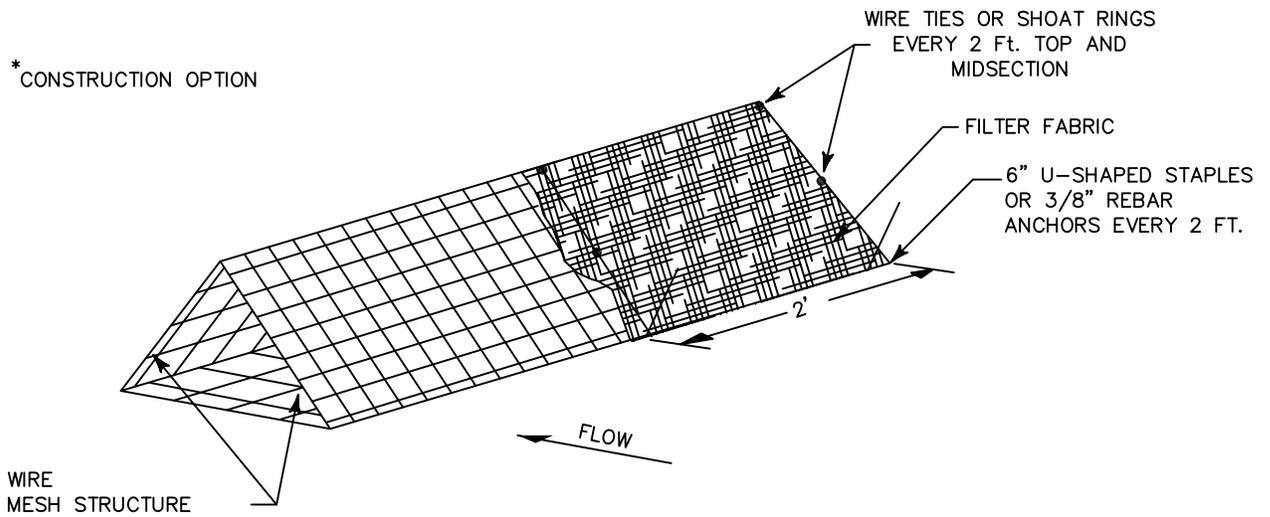
SHEET 001 OF 001

DWG NO: COT SWP-01

TRIANGULAR FILTER FABRIC FENCE



* CONSTRUCTION OPTION



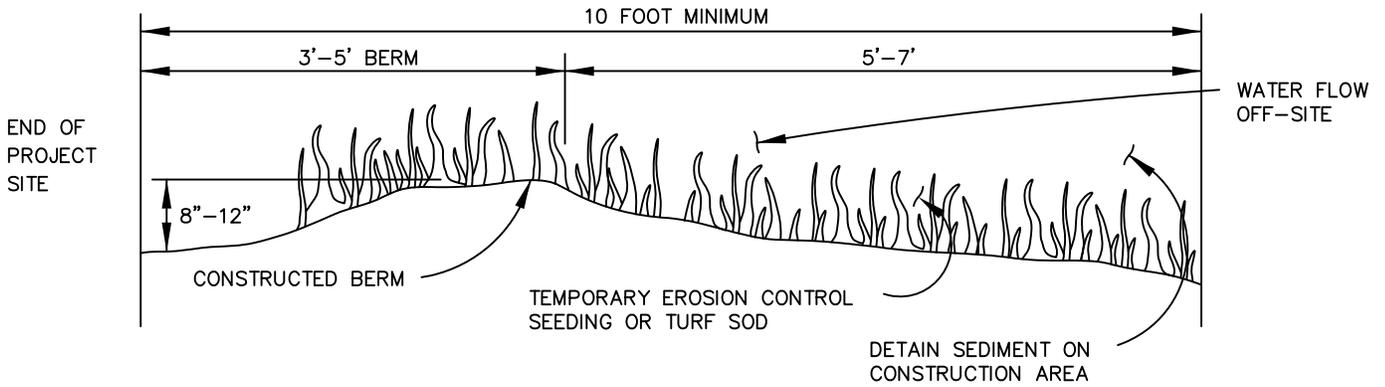
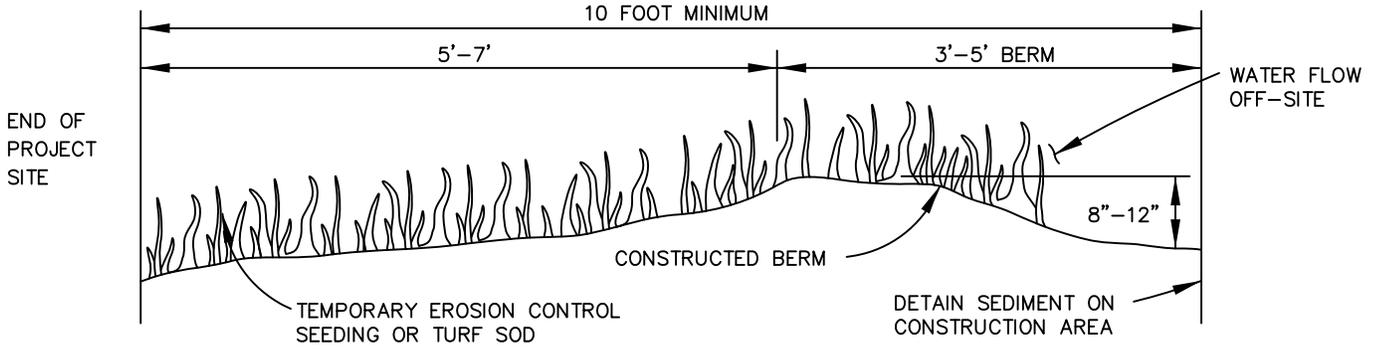
GENERAL NOTES:

1. BARRIER SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BARRIER.
2. THE FABRIC COVER AND SKIRT SHALL BE A CONTINUOUS WRAPPING OF FILTER FABRIC. THE SKIRT SHALL BE A CONTINUOUS EXTENSION OF THE FABRIC ON THE UPSTREAM SIDE.
3. THE SKIRT SHALL BE WEIGHED WITH A CONTINUOUS LAYER OF 3 TO 5 INCH OPEN GRADED ROCK, OR TOED IN SIX INCHES WITH MECHANICALLY COMPACTED MATERIAL. OTHERWISE THE ENTIRE STRUCTURE SHALL BE TRENCHED IN 4 INCHES.
4. BARRIER AND SKIRT SHALL BE SECURELY ANCHORED IN PLACE USING 6 INCH U-SHAPED WIRE STAPLES ON 2 FOOT CENTER ON BOTHE EDGES OR STAKED USING 18 INCH LONG BY 3/8 INCH REBARS WITH T-ENDS ON SAME 2 FOOT SPACING.
5. FILTER MATERIAL SHALL BE LAPPE DOVER ENDS 6 INCHES TO COVER SEGMENT JOINTS. JOINTS SHALL BE FASTENED WITH GALVANIZED SHOAT RINGS PLACE LONGITUDINAL OVERLAP ON BOTTOM OF TRIANGULAR FILTER FABRIC FENCE.
6. THE BARRIER STRUCTURE SHALL BE 6 INCHES BY 6 INCHES WIRE MESH, 18 INCHES ON EACH SIDE OF TRIANGLE.

NOT TO SCALE

CITY OF TOMBALL ENGINEERING & PLANNING DEPARTMENT	
TRIANGULAR FILTER FABRIC FENCE CONSTRUCTION DETAILS	
APPROVED BY COT:	
ENGINEERING & PLANNING DEPARTMENT EFFECTIVE JULY 1, 2010	
SHEET 001 OF 001	DWG NO: COT SWP-02

VEGETATED SEDIMENT FILTER STRIPS

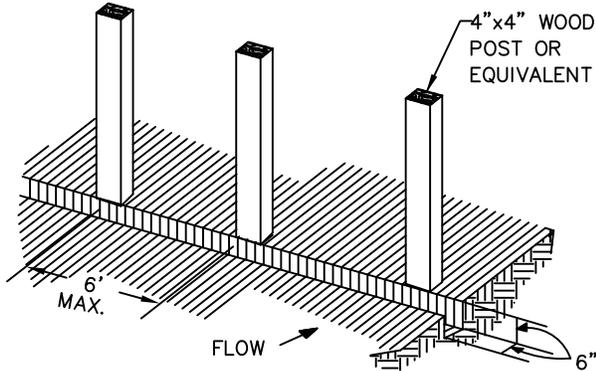


NOT TO SCALE

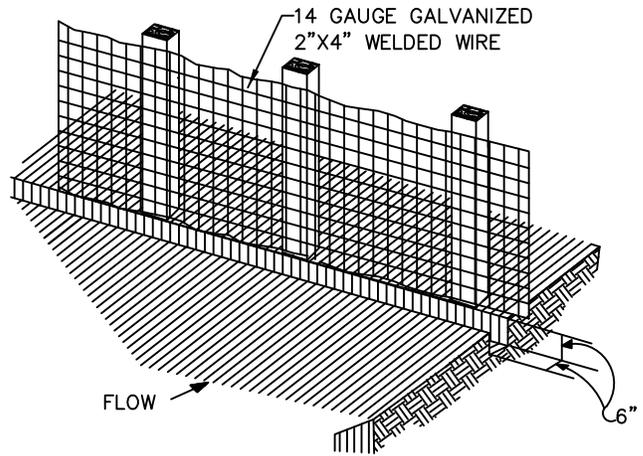
CITY OF TOMBALL ENGINEERING & PLANNING DEPARTMENT	
VEGETATED SEDIMENT FILTER STRIPS FOR TEMPORARY EROSION CONTROL	
APPROVED BY COT:	
ENGINEERING & PLANNING DEPARTMENT EFFECTIVE JULY 1, 2010	
SHEET 001 OF 001	DWG NO: COT SWP-03

REINFORCED FILTER FABRIC BARRIER

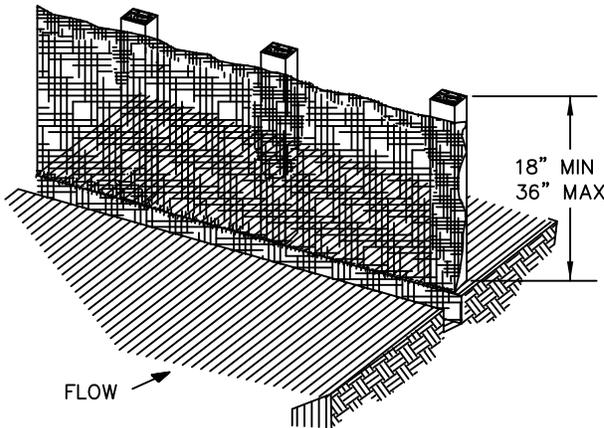
1. SET POSTS AND EXCAVATE 6" x 6" TRENCH UPSLOPE ALONG LINE OF POSTS.



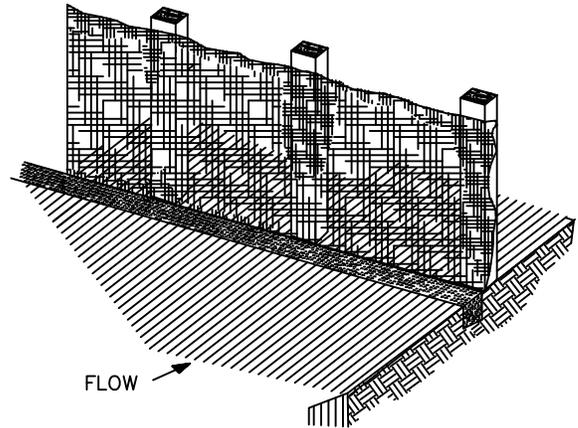
2. SECURE WIRE FENCING TO POSTS



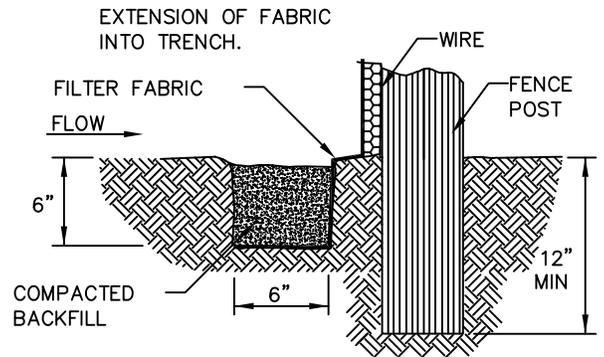
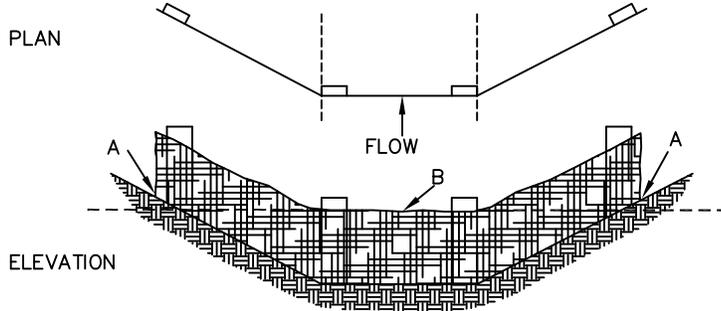
3. ATTACH FILTER MATERIAL TO WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



5. PROPER PLACEMENT OF A FILTER BARRIER IN A DRAINAGE WAY



GENERAL NOTES

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH STAPLES OR WITH WIRE TIES.
- FILTER FABRIC TO BE FASTENED SECURELY TO WOVEN WIRE FENCE, WITH TIES SPACED EVERY 24 INCHES AT TOP AND MIDSECTION.
- WHEN TWO SECTION OF FILTER FABRIC ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED 6 INCHES AT THE POSTS, AND FOLDED.
- IF HOT ROLLED STEEL POSTS ARE USED, MAXIMUM POST SPACING CAN BE 6 FEET.

NOT TO SCALE

CITY OF TOMBALL
ENGINEERING & PLANNING DEPARTMENT

REINFORCED FILTER FABRIC BARRIER CONSTRUCTION DETAILS

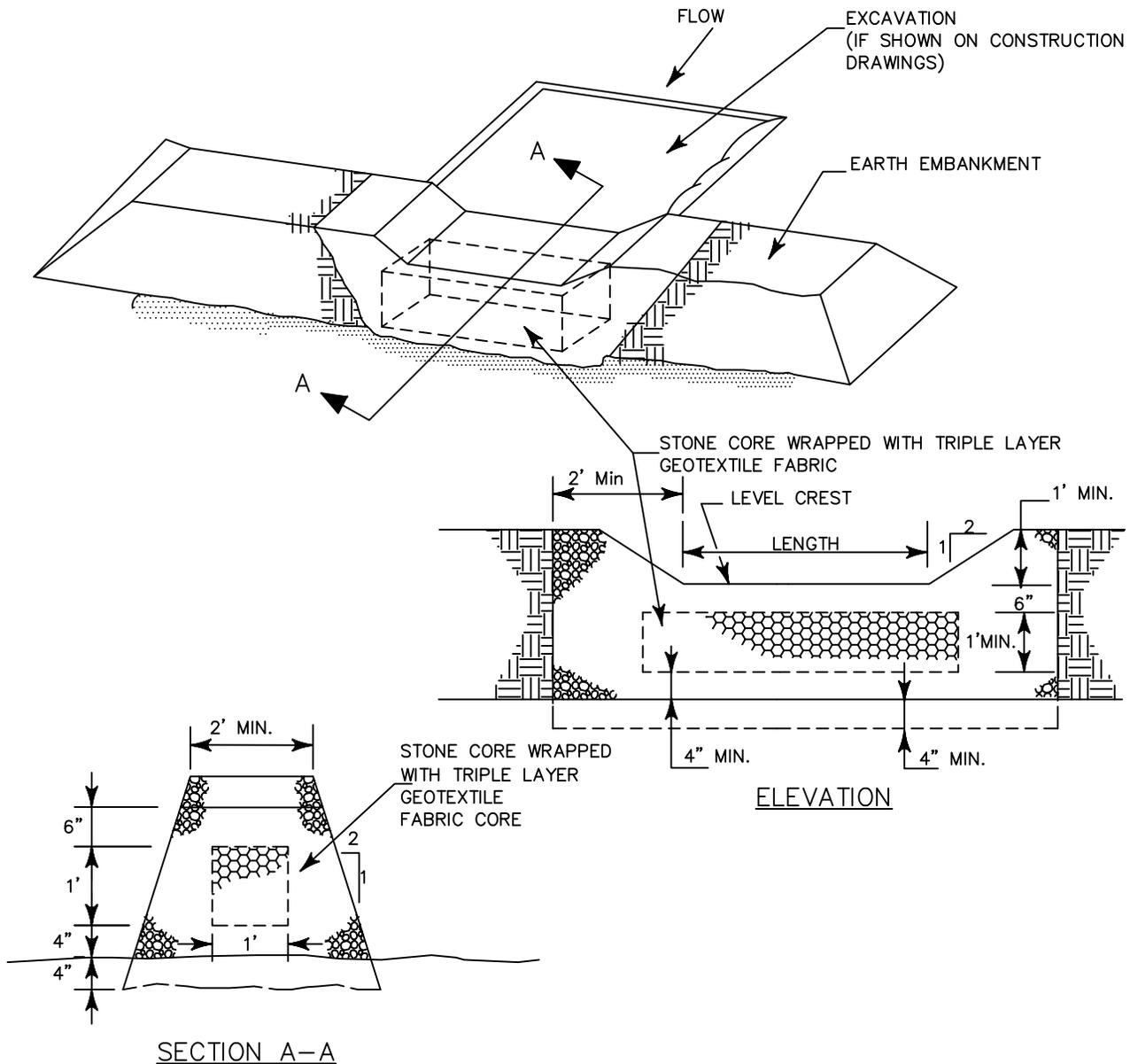
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DWG NO: COT SWP-04

STONE OUTLET SEDIMENT TRAP



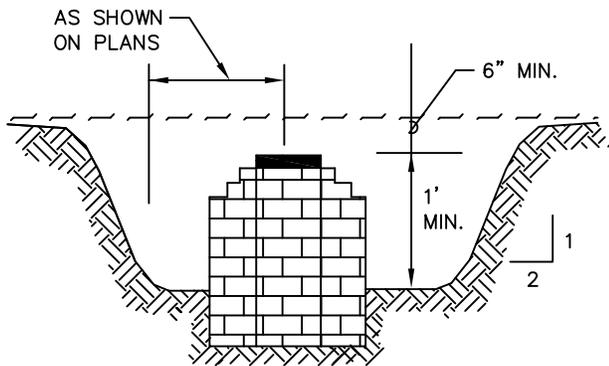
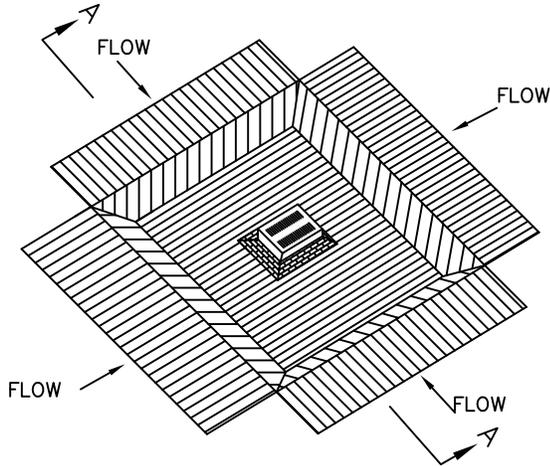
GENERAL NOTES:

1. ROCK AND GEOTEXTILE FABRIC SHALL BE AS INDICATED BY THIS SPECIFICATION.
2. DIMENSION – LIMIT OF EXCAVATION AND OUTLET LENGTH AND HEIGHT SHALL BE AS INDICATED ON THE CONSTRUCTION DRAWING.
3. SIDE SLOPE SHALL BE 2:1 OR FLATTER.
4. MAINTAIN A MINIMUM OF 6 INCHES BETWEEN TOP OF CORE MATERIAL AND TOP OF STONE OUTLET, A MINIMUM OF 4 INCHES BETWEEN BOTTOM OF CORE MATERIAL AND EXISTING GROUND A MINIMUM OF FOOT BETWEEN TOP OF STONE OUTLET AND TOP OF EMBANKMENT.
5. ROCK SHALL BE EMBEDDED A MINIMUM OF 4 INCHES INTO EXISTING GROUND.
6. CORE SHALL BE A MINIMUM OF 1 FOOT IN HEIGHT AND IN WIDTH AND SHALL BE WRAPPED IN GEOTEXTILE FABRIC.
7. PONDING ON SEDIMENT LADEN RUNOFF IN SEDIMENT TRAP ACCOMPLISHED BY EMBANKMENT OR EXCAVATION DEPENDING ON TERRAIN. REFERENCE CONSTRUCTION DRAWINGS FOR TRAP TYPE AND DIMENSIONS.
8. OUTLET INTO STABILIZED AREA.

NOT TO SCALE

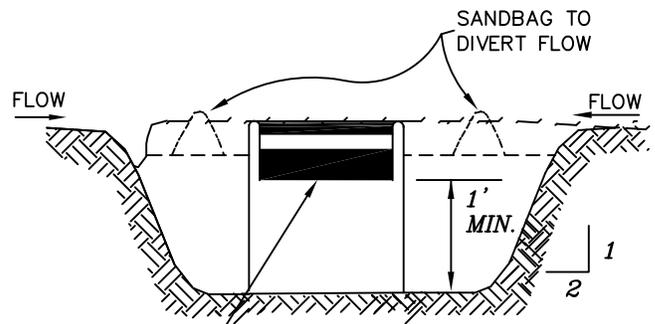
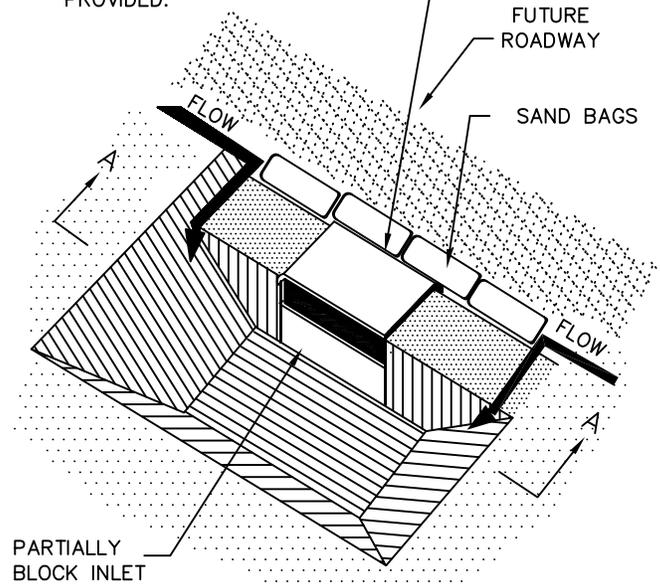
CITY OF TOMBALL ENGINEERING & PLANNING DEPARTMENT	
STONE OUTLET SEDIMENT TRAP CONSTRUCTION DETAILS	
APPROVED BY COT:	
ENGINEERING & PLANNING DEPARTMENT EFFECTIVE JULY 1, 2010	
SHEET 001 OF 001	DWG NO: COT SWP-05

STORM INLET SEDIMENT TRAPS



SECTION A-A
AREA GRATE INLET

BLOCK INLET WITH PLYWOOD AND SANDBAGS, AS NECESSARY, TO PREVENT WATER FROM ENTERING INLET OTHER THAN AT OPENING PROVIDED.



SECTION A-A
CURB INLET

NOTE: WHERE CURB IS IN PLACE, PROVIDE A 1' WIDE OPENING IN THE CURB, OR USE A SANDBAG DAM TO FORCE WATER OVER THE CURB TO THE TRAP.

GENERAL NOTES:

1. INSTALL EITHER A GRATE INLET OR CURB INLET SEDIMENT TRAP AS SHOWN BY THE CONSTRUCTION DRAWINGS.
2. THE LIMITS OF EXCAVATION SHALL BE AS SHOWN BY THE CONSTRUCTION DRAWINGS.
3. SIDE SLOPE SHALL BE 2:1 OR FLATTER.
4. MAINTAIN A MINIMUM OF 1 FOOT MEASURED VERTICALLY FORM THE BOTTOM OF EXCAVATION FOR INLET OPENING.
5. WHEN THE INLET IS IN A ROADWAY, INSTALL THE TRAP ON THE OPPOSITE SIDE OF THE OPENING AND DIVERT WATER FROM THE ROADWAY TO THE TRAP.

NOT TO SCALE

CITY OF TOMBALL
ENGINEERING & PLANNING DEPARTMENT

**STONE INLET
SEDIMENT TRAP
CONSTRUCTION DETAILS**

APPROVED BY COT:

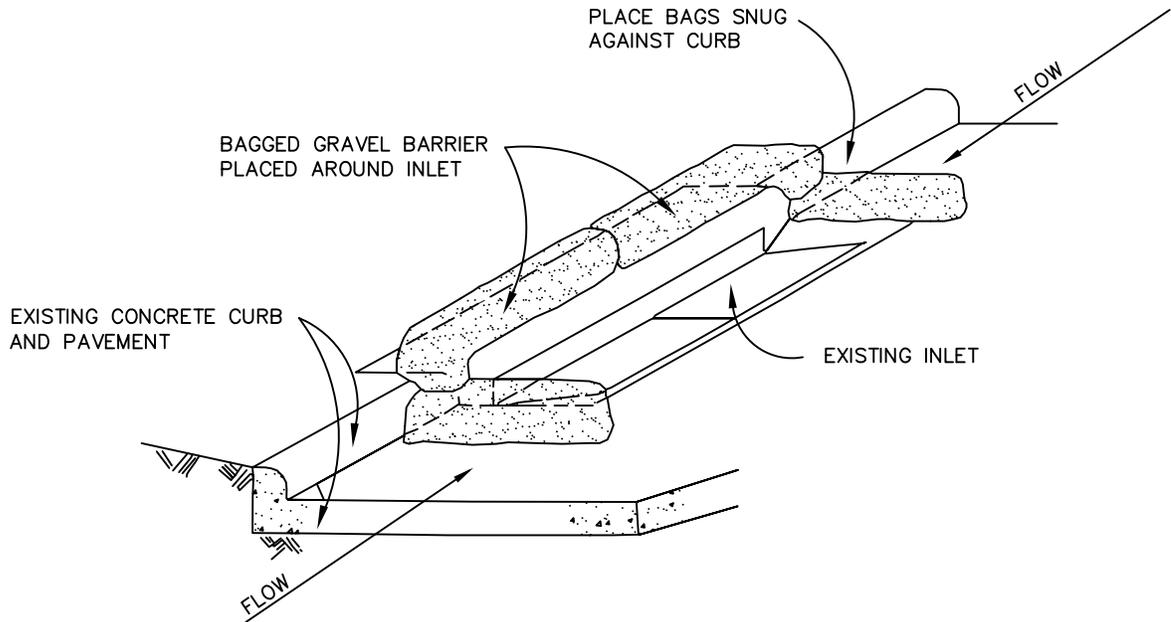
ENGINEERING & PLANNING DEPARTMENT
EFFECTIVE JULY 1, 2010

SHEET 001 OF 001

DWG NO: COT SWP-06

INLET PROTECTION BARRIER

(FOR STAGE II INLETS)
BAGGED GRAVEL BARRIER



NOT TO SCALE

CITY OF TOMBALL
ENGINEERING & PLANNING DEPARTMENT

**INLET PROTECTION
BARRIERS FOR
STAGE II INLETS**

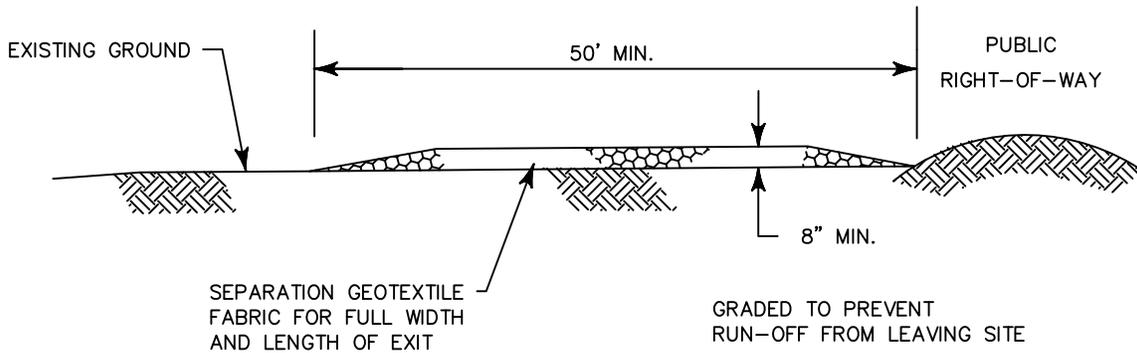
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EFFECTIVE JULY 1, 2010

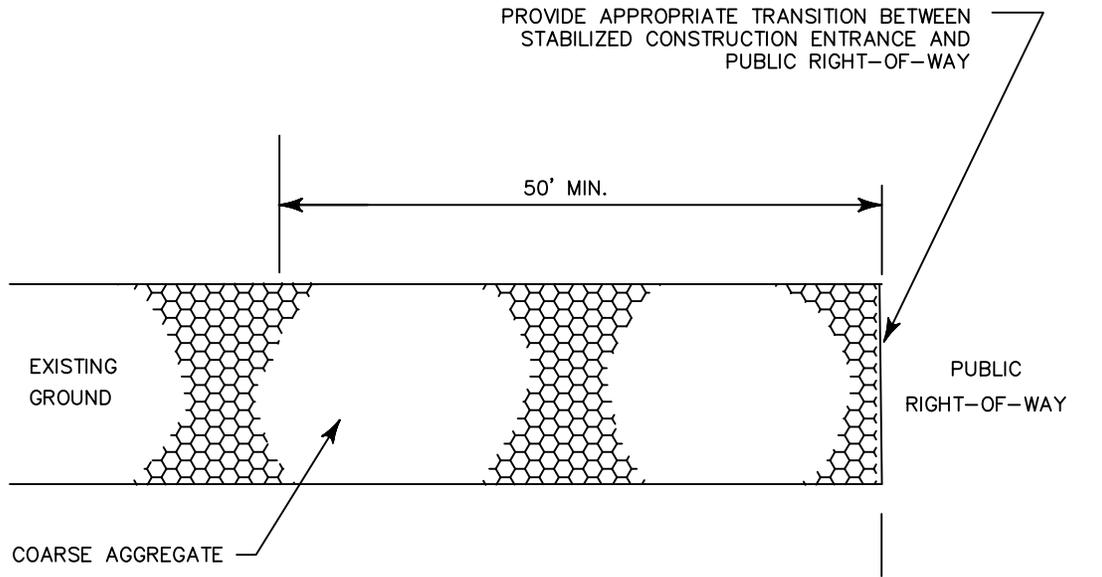
SHEET 001 OF 001

DWG NO: COT SWP-08

STABILIZED CONSTRUCTION EXIT



PROFILE



PLAN VIEW

GENERAL NOTES:

1. LENGTH SHALL BE AS SHOWN ON THE CONSTRUCTION DRAWINGS, BUT NOT LESS THAN 50 FEET.
2. THICKNESS SHALL NOT BE LESS THAN 8 INCHES.
3. WIDTH SHALL BE NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
4. STABILIZATION FOR OTHER AREAS SHALL HAVE THE SAME AGGREGATE THICKNESS AND WIDTH REQUIREMENTS AS THE STABILIZED CONSTRUCTION EXIT, UNLESS OTHERWISE SHOWN ON THE CONSTRUCTION DRAWINGS.
5. STABILIZED AREA MAY BE WIDENED OR LENGTHENED TO ACCOMMODATE A TRUCK WASHING AREA, WHEN SHOWN ON THE CONSTRUCTION PLANS. AN OUTLET SEDIMENT TRAP MUST BE PROVIDED FOR THE TRUCK WASHING AREA.

NOT TO SCALE

CITY OF TOMBALL ENGINEERING & PLANNING DEPARTMENT	
STABILIZED CONSTRUCTION EXIT CONSTRUCTION DETAILS	
APPROVED BY COT:	
ENGINEERING & PLANNING DEPARTMENT EFFECTIVE JULY 1, 2010	
SHEET 001 OF 001	DWG NO: COT SWP-09