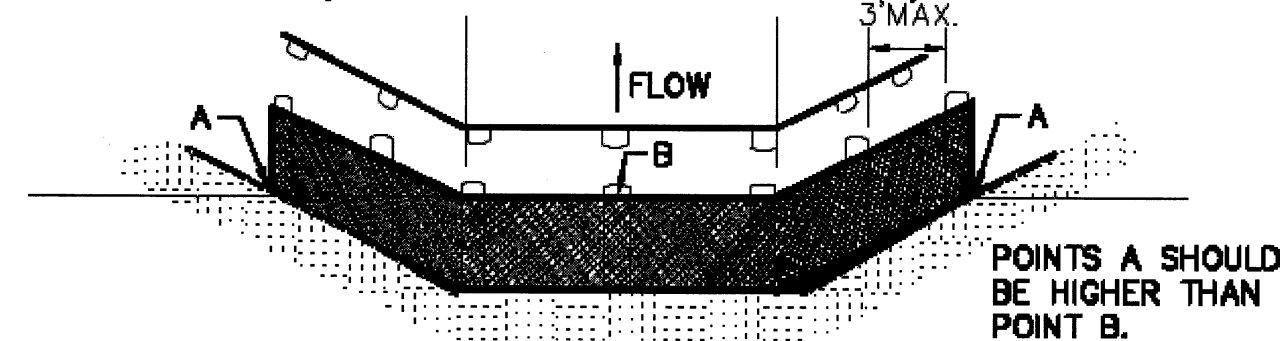
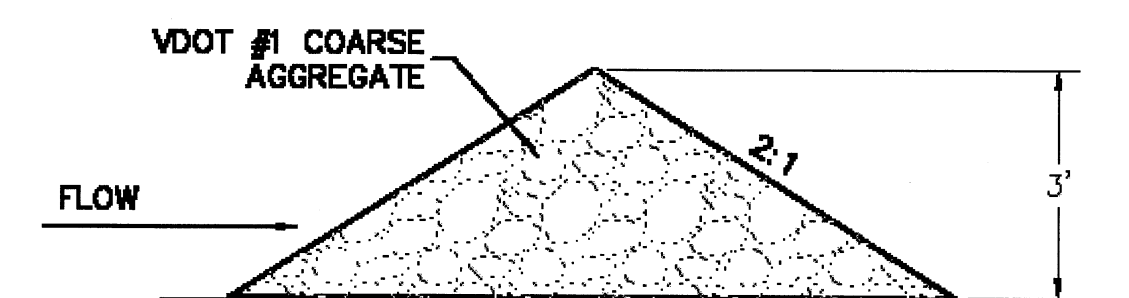
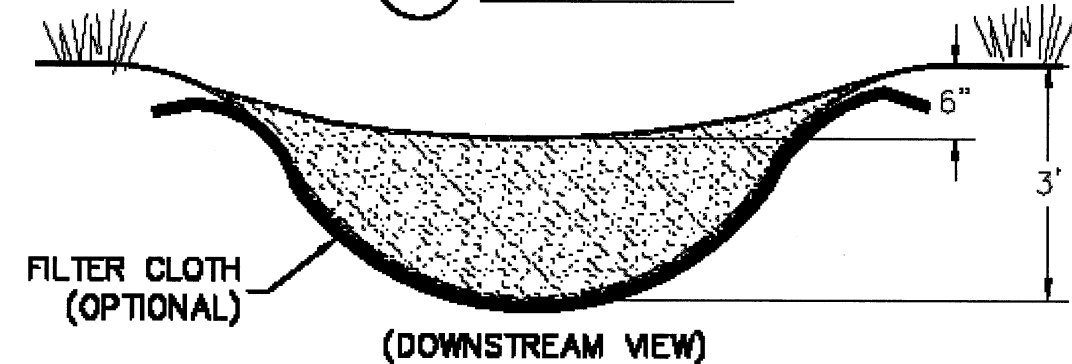


CONSTRUCTION OF A SILT FENCE  
(WITHOUT WIRE SUPPORT)

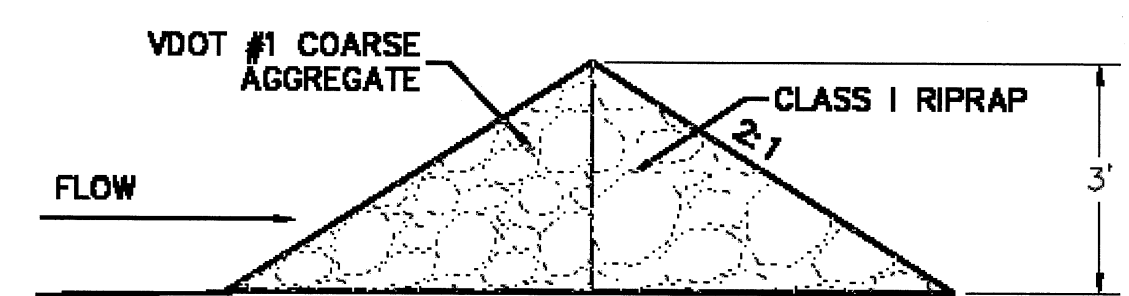
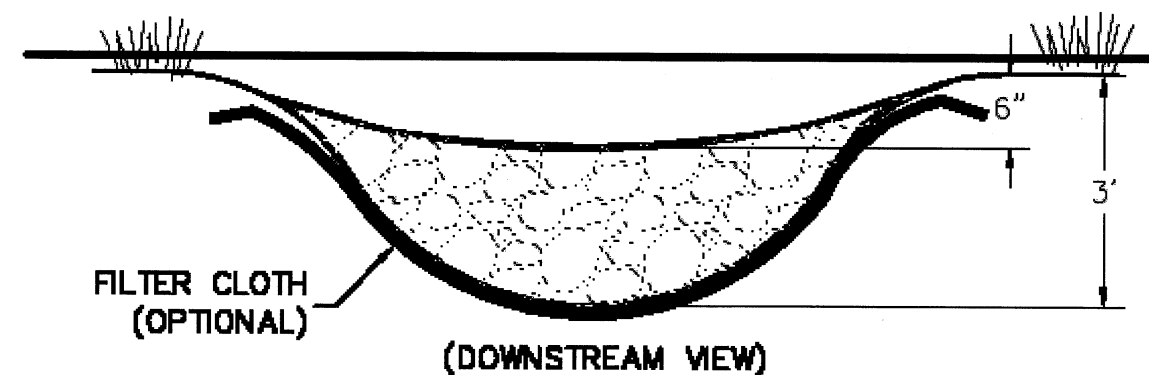


DRAINAGEWAY INSTALLATION  
(FRONT ELEVATION)

(SF) SILT FENCE



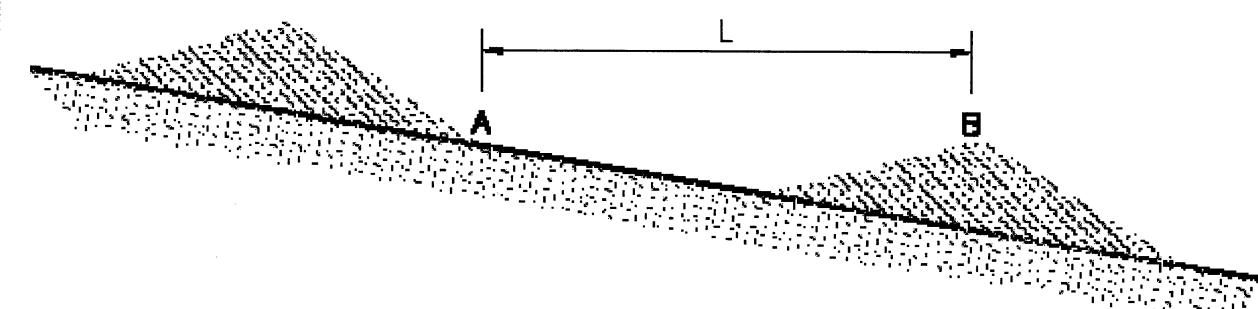
2 ACRES OR LESS OF DRAINAGE AREA



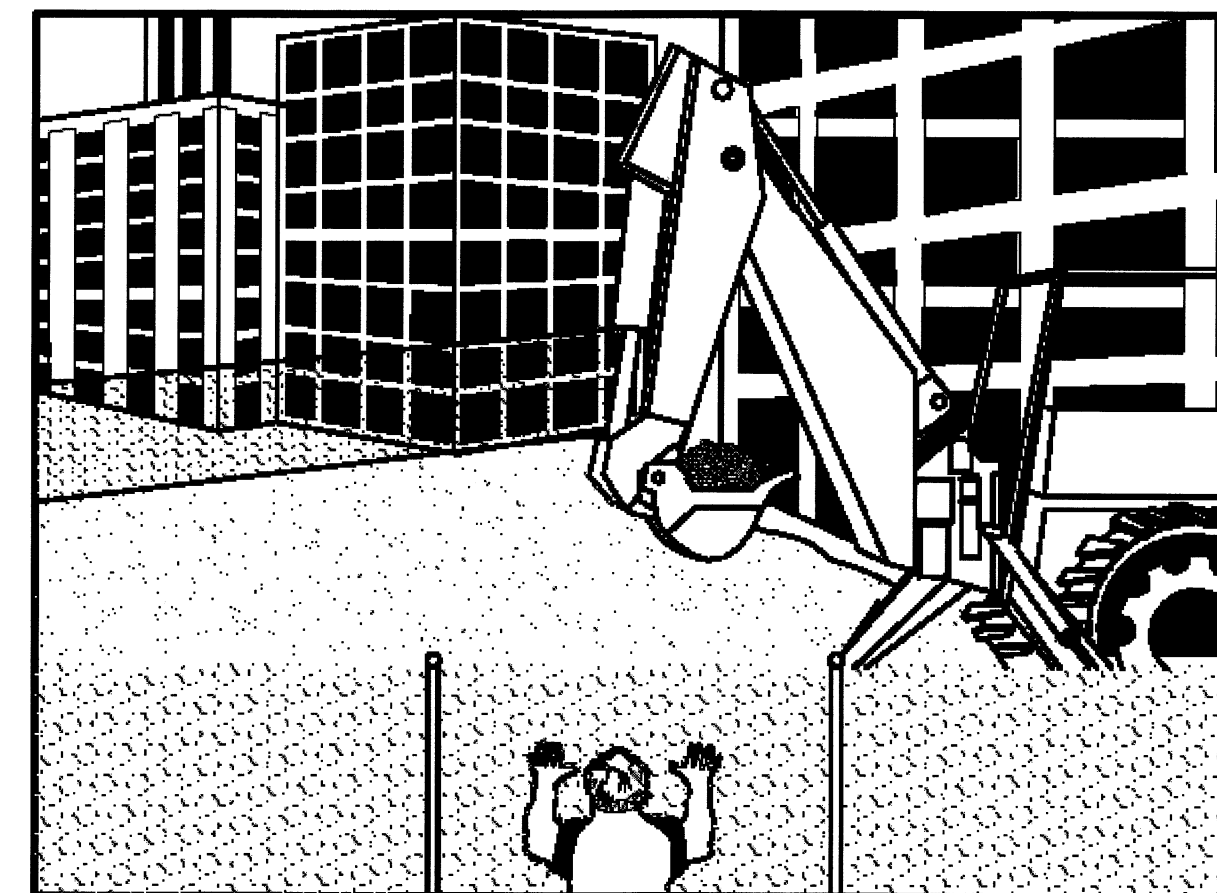
2-10 ACRES OF DRAINAGE AREA

(CD) ROCK CHECK DAM

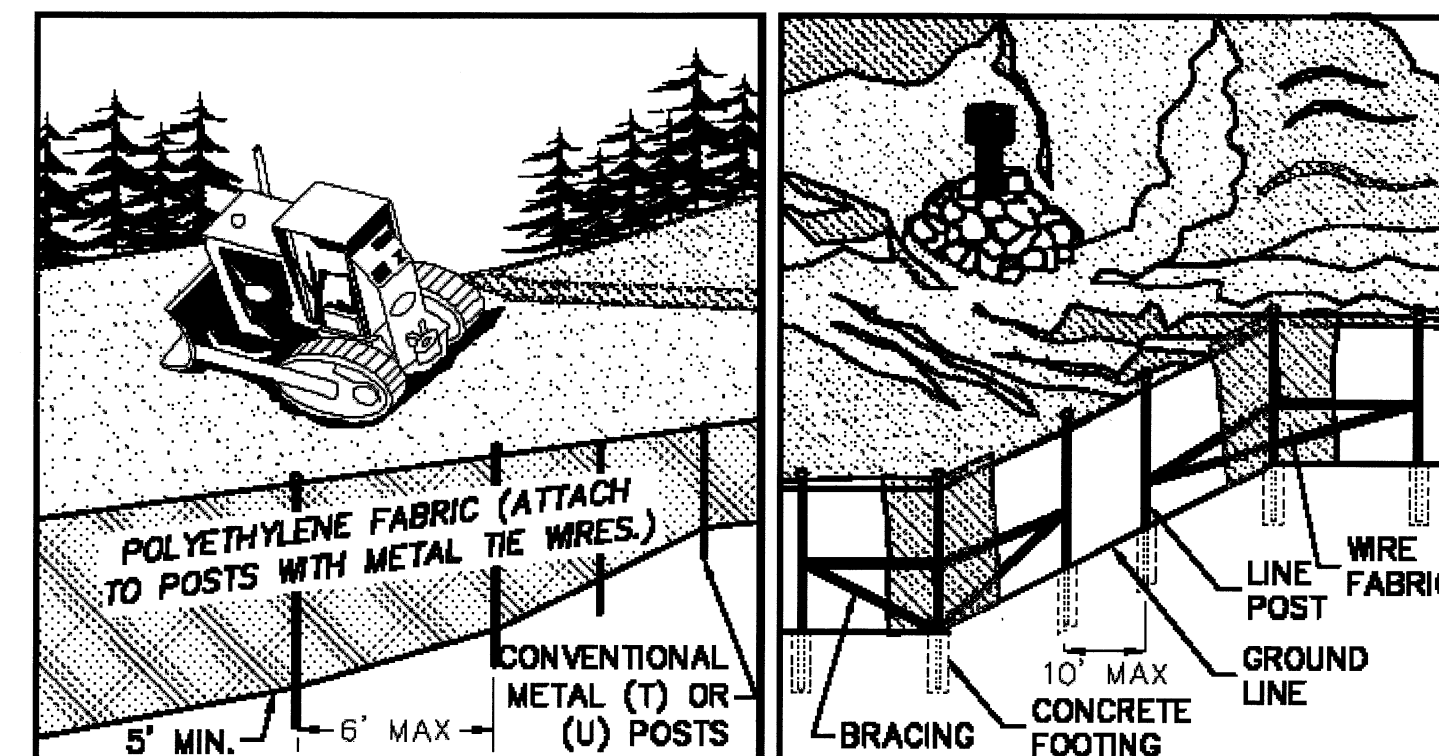
L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION



(CD) SPACING BETWEEN CHECK DAMS



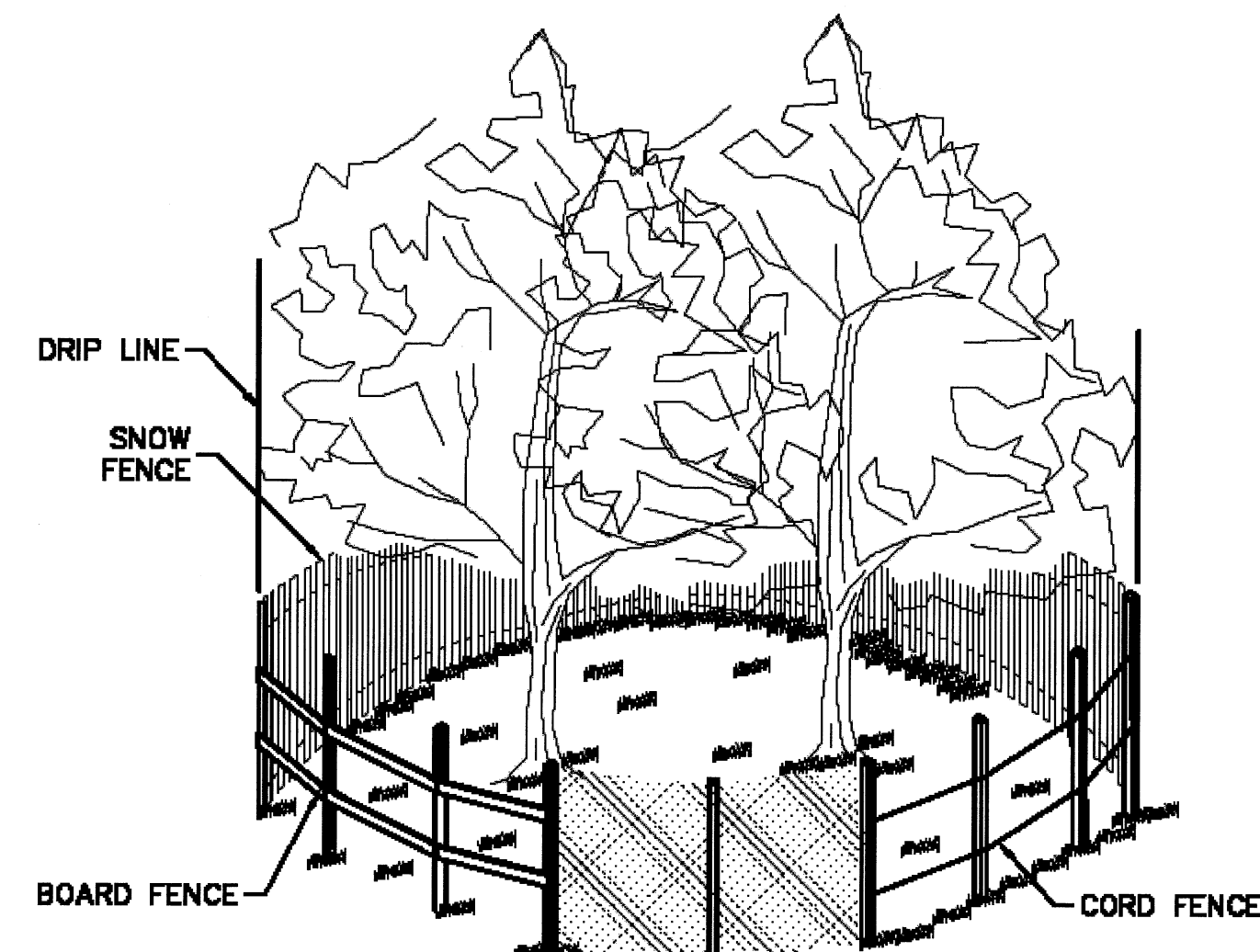
PERSPECTIVE VIEW



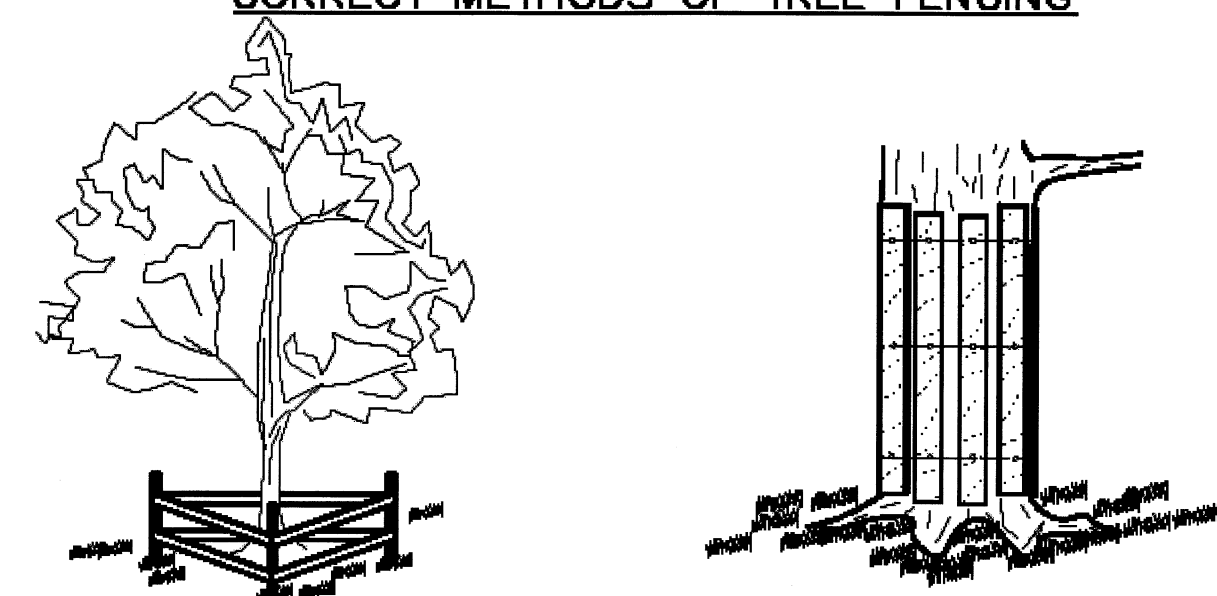
PERSPECTIVE VIEW  
PLASTIC FENCE

PERSPECTIVE VIEW  
METAL FENCE

(SAF) SAFETY FENCE



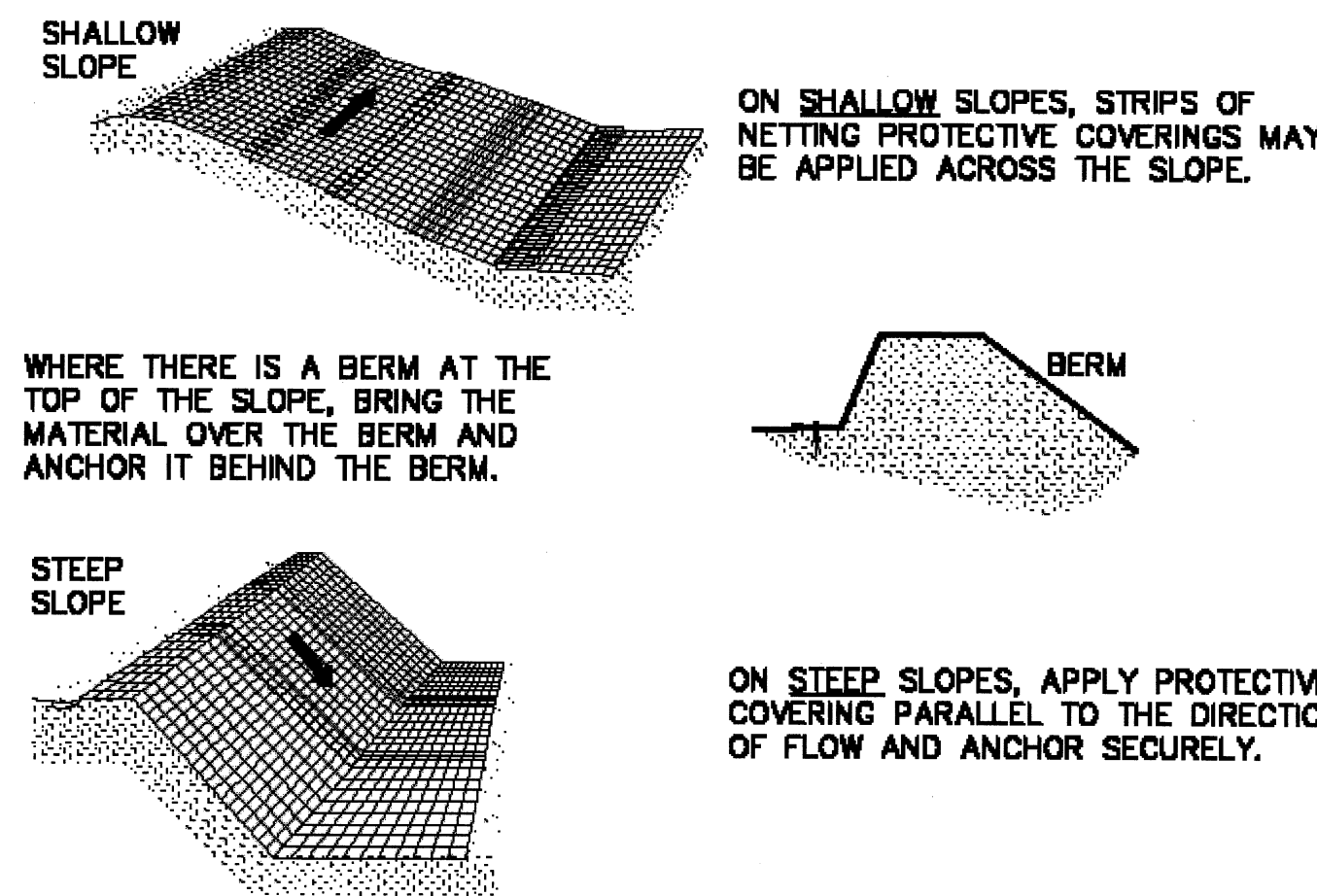
CORRECT METHODS OF TREE FENCING



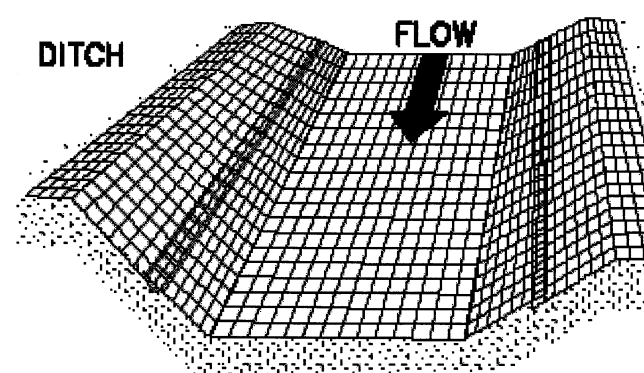
TRIANGULAR BOARD FENCE

CORRECT TRUNK ARMORING

(TP) TREE PROTECTION

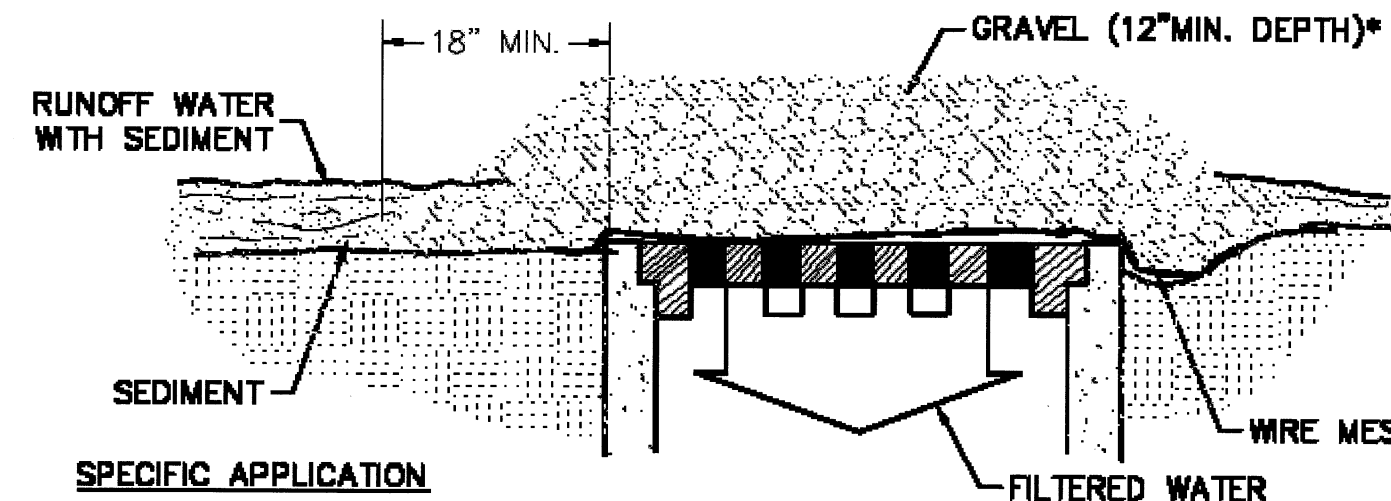


BRING MATERIAL DOWN TO A LEVEL AREA BEFORE TERMINATING THE INSTALLATION. TURN THE END UNDER 4" AND STAPLE AT 12" INTERVALS.



IN DITCHES, APPLY PROTECTIVE COVERING PARALLEL TO THE DIRECTION OF FLOW. USE CHECK SLOTS AS REQUIRED. AVOID JOINING MATERIAL IN THE CENTER OF THE DITCH IF AT ALL POSSIBLE.

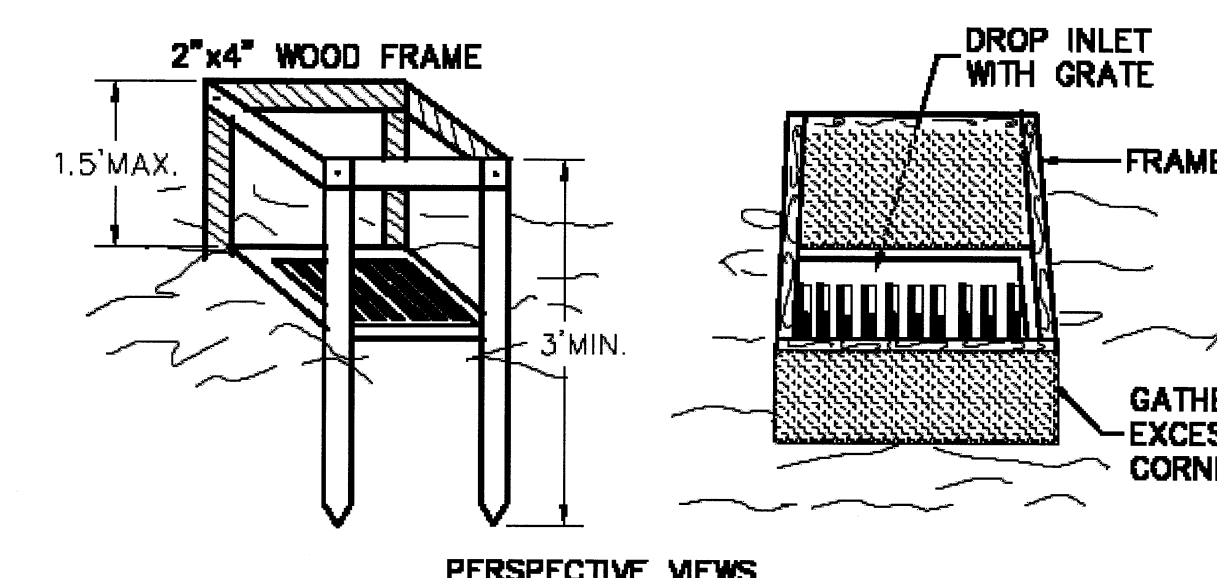
(B/M) SOIL STABILIZATION BLANKETS & MATTING (EC-1)



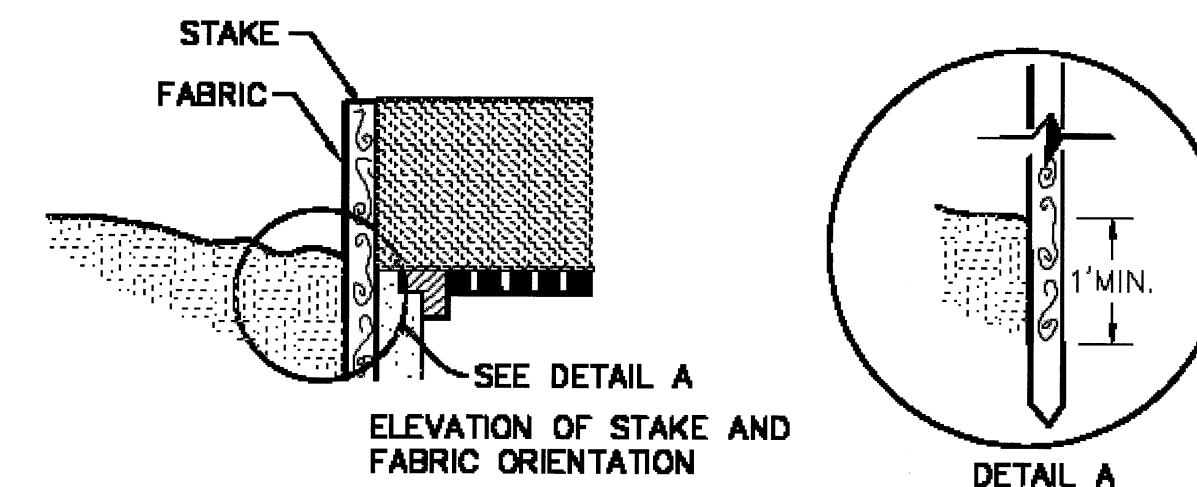
SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS. \* GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE.

(IP) GRAVEL DROP INLET PROTECTION



PERSPECTIVE VIEWS



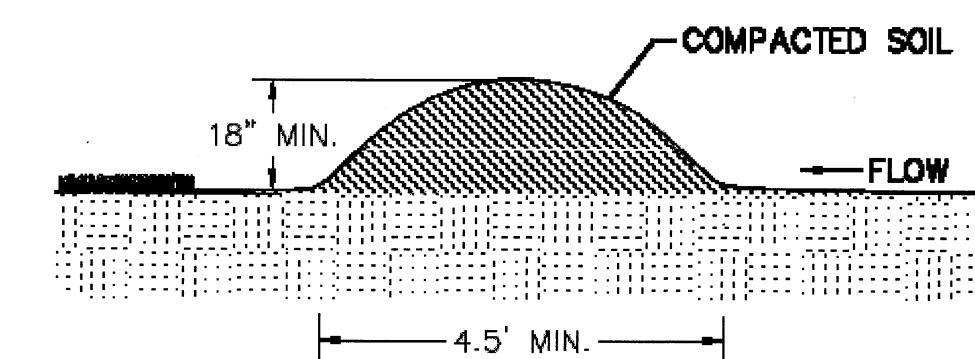
SEE DETAIL A  
ELEVATION OF STAKE AND  
FABRIC ORIENTATION

DETAIL A

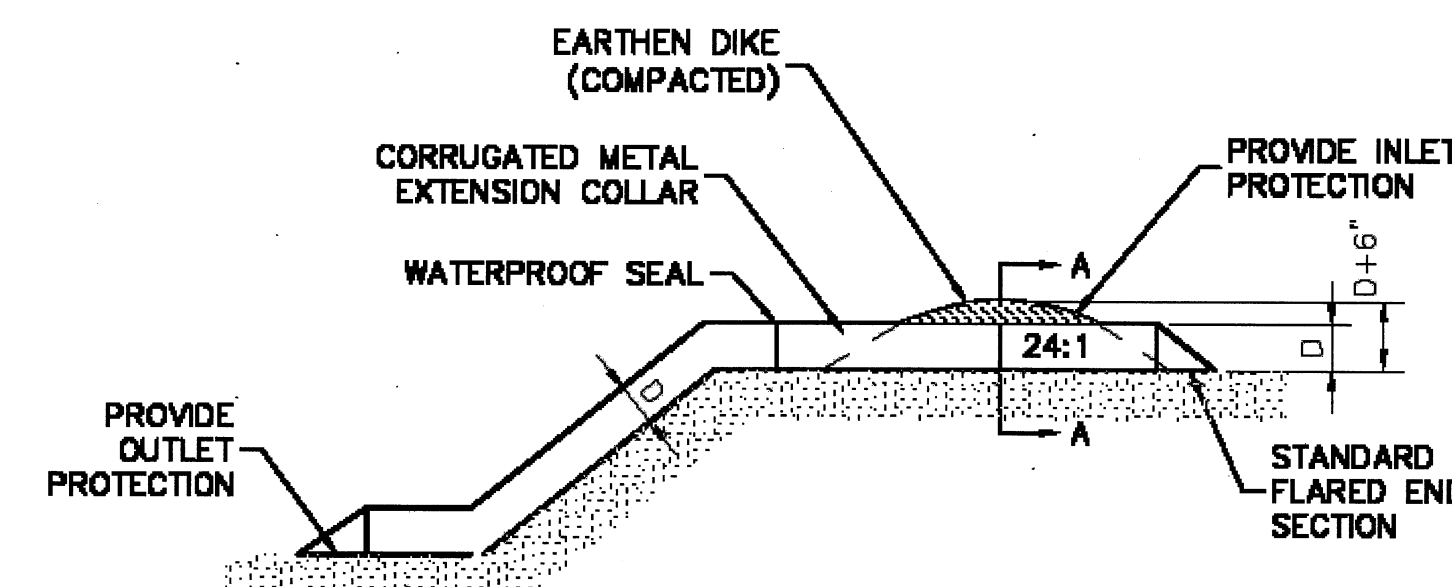
SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPE NO GREATER THAN 5%) WHERE THE INLET SHEET OR OVERLAND FLOWS (NOT EXCEEDING 1 C.F.S.) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

(IP) SILT FENCE DROP INLET PROTECTION

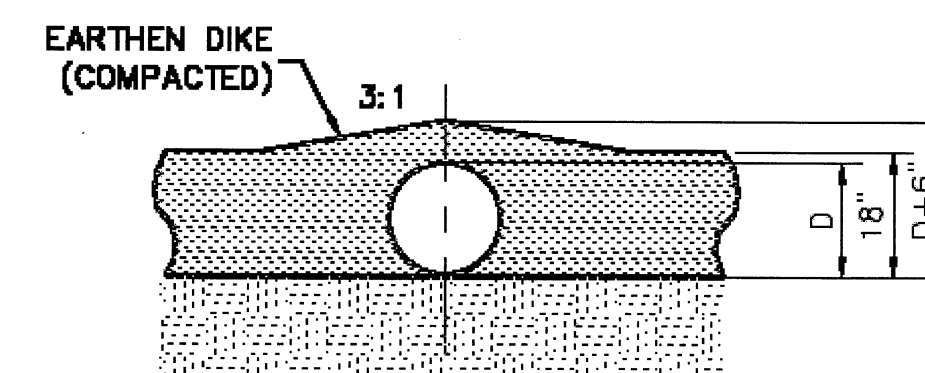


(DD) TEMPORARY DIVERSION DIKE



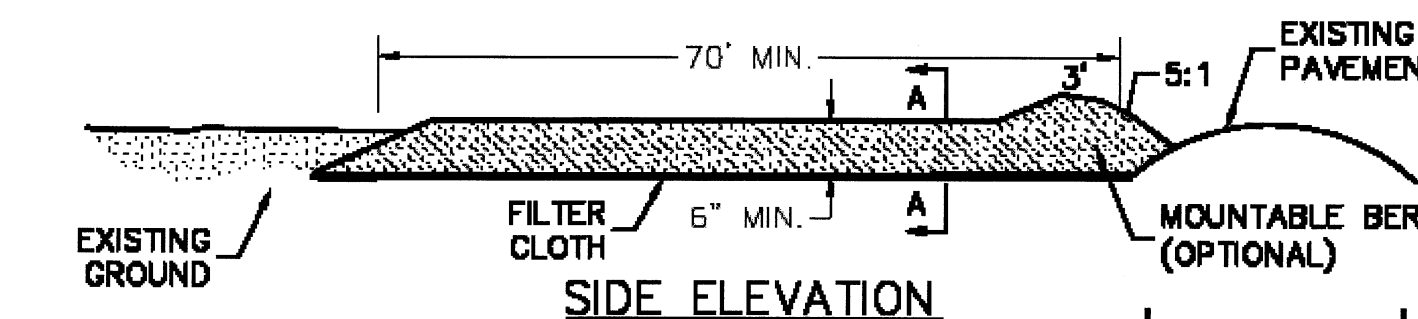
PROFILE VIEW

NOTE: SEDIMENT MAY BE CONTROLLED AT OUTLET IF UPLAND PONDING WILL CREATE PROBLEMS.

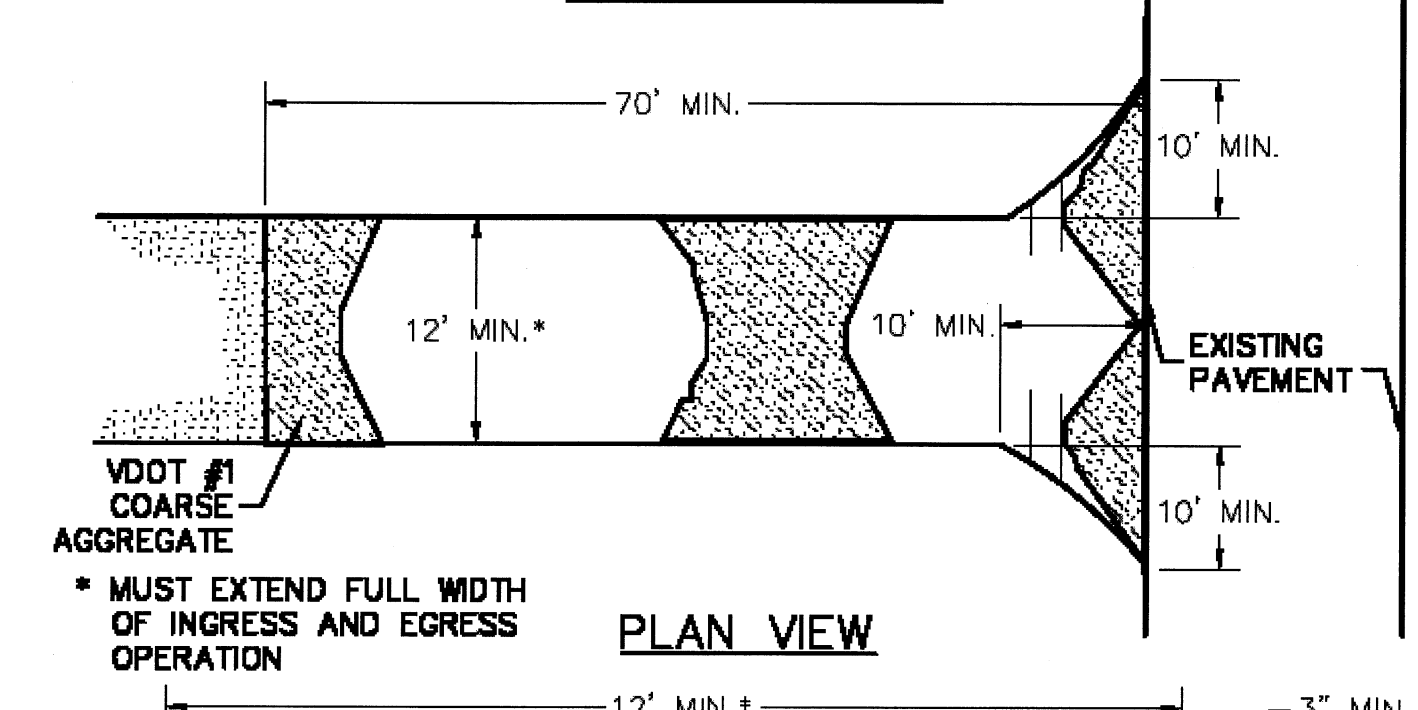


SECTION A-A

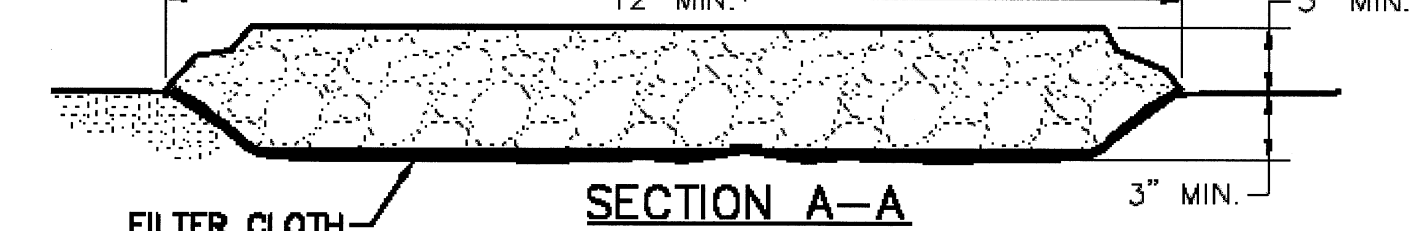
(B/M) TEMPORARY SLOPE DRAIN DETAIL



SIDE ELEVATION

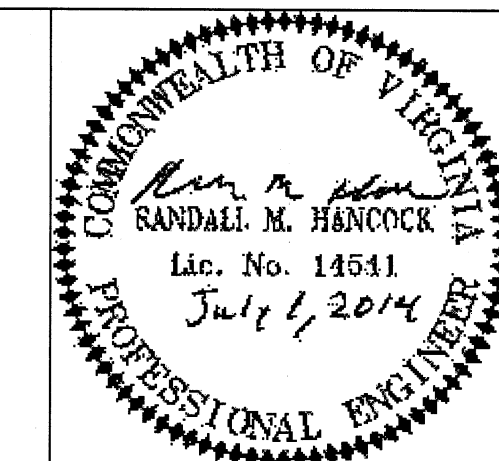


PLAN VIEW



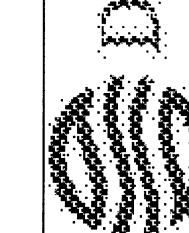
SECTION A-A

(CE) TEMPORARY STONE CONSTRUCTION ENTRANCE



NO.	DATE	REVISION	BY	APPROVED
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

CRYSTAL SPRINGS WATER TREATMENT PLANT  
INTERMEDIATE STORAGE TANK & GENERATOR  
WESTERN VIRGINIA WATER AUTHORITY  
CITY OF ROANOKE, VIRGINIA



CH2MHILL

EROSION & SEDIMENT CONTROL  
DETAILS

AS SHOWN
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
DATE JULY 2014
PROJ 475481
DWG C-1004
SHEET 9 of 37