

TEMPORARY EROSION AND SEDIMENTATION CONTROL

1. ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION AS DESCRIBED ON THE PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD AND OBSERVED DURING CONSTRUCTION.


2. ALL REQUIRED SEDIMENTATION/EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO LAND CLEARING AND/OR OTHER CONSTRUCTION TO INSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM. EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED AND POTENTIAL FOR ON-SITE EROSION HAS PASSED.

3. THE EROSION AND SEDIMENTATION CONTROL SYSTEMS DEPICTED ON THE DRAWINGS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, THE CONTRACTOR SHOULD ANTICIPATE THAT MORE EROSION AND SEDIMENTATION CONTROL FACILITIES WILL BE NECESSARY TO INSURE COMPLETE SILTATION CONTROL ON THE PROPOSED SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY HIS ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES AND WATER QUALITY OF THE RECEIVING DRAINAGE SYSTEM.

4. ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION.

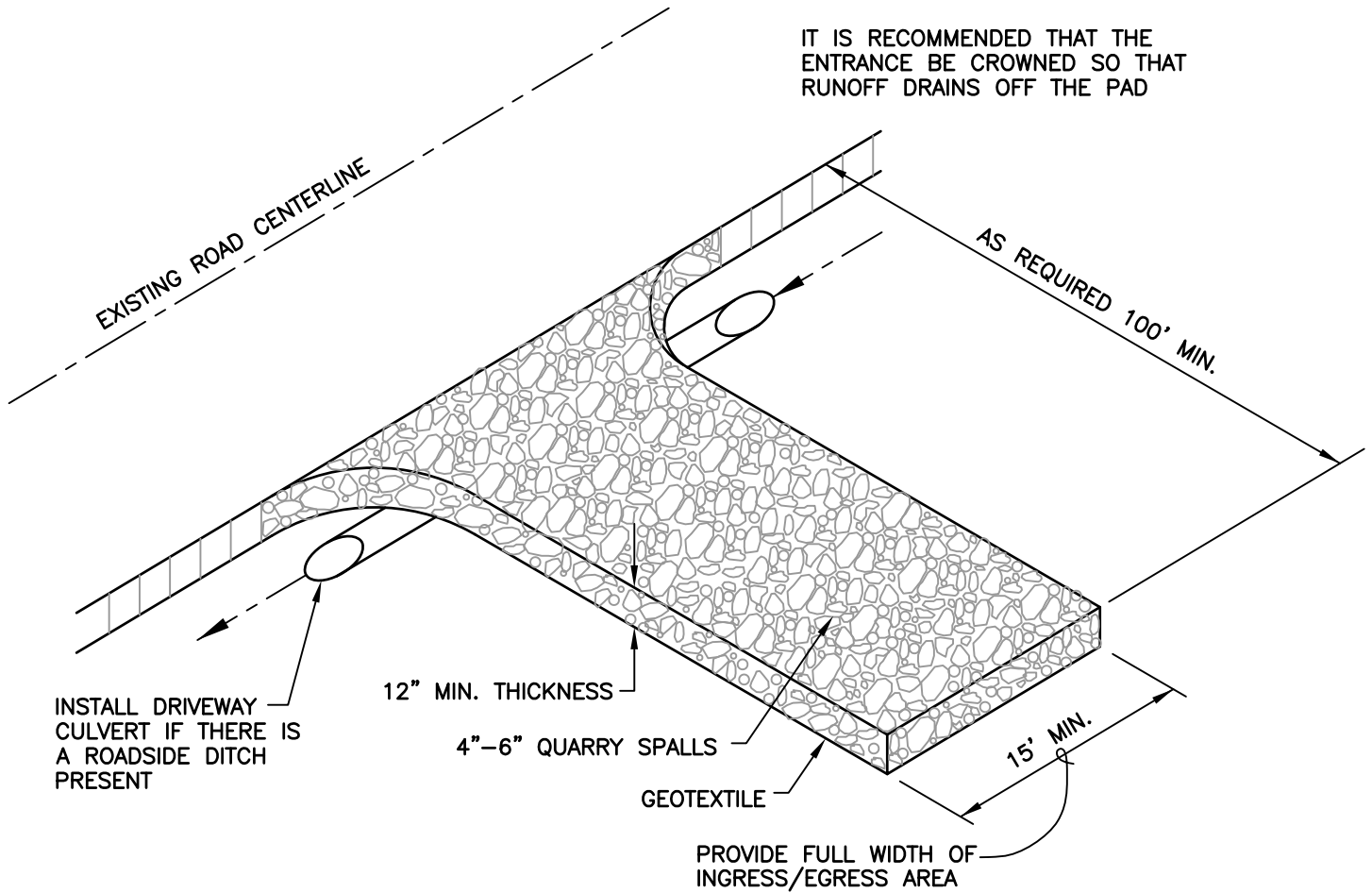
5. A TEMPORARY ROCK CONSTRUCTION ENTRANCE AND FILTER FABRIC FENCES SHALL BE CONSTRUCTED WHERE SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE DETAILS ON THESE PLANS.

6. FILTER FABRIC SHALL BE INSTALLED UNDER ALL CATCH BASINS AND INLET GRATES TO PREVENT INTAKE OF STORM WATER UNTIL STORM SYSTEM CONSTRUCTION IS COMPLETED AND EROSION POTENTIAL IS NEGATED.

REVISIONS	DATE:		<h3 style="margin: 0;">TEMPORARY SEDIMENT POND NOTES</h3>	DWG. NO.
				ESC
				001
DRAWN BY: KKW CHECKED BY: LCW				

DRIVEWAY SHALL MEET THE REQUIREMENTS OF THE PERMITTING AGENCY

IT IS RECOMMENDED THAT THE ENTRANCE BE CROWNED SO THAT RUNOFF DRAINS OFF THE PAD



NOTES:

1. GEOTEXTILE IS NOT REQUIRED FOR SINGLE FAMILY & DUPLEX LOT SITES
2. THE GEOTEXTILE SHALL MEET THE FOLLOWING STANDARDS:
 GRAB TENSILE STRENGTH (ASTM D4751) – 200 PSI MIN.
 GRAB TENSILE ELONGATION (ASTM D4632) – 30% MAX.
 MULLEN BURST STRENGTH (ASTM D3786-80a) – 400 PSI MIN.
 AOS (ASTM D4751) – 20-45 (U.S. STANDARD SIEVE SIZE).
3. THE 100' MINIMUM LENGTH OF THE ENTRANCE SHALL BE REDUCED TO THE MAXIMUM PRACTICABLE SIZE WHEN THE SIZE OR CONFIGURATION OF THE SITE DOES NOT ALLOW THE FULL LENGTH (100').

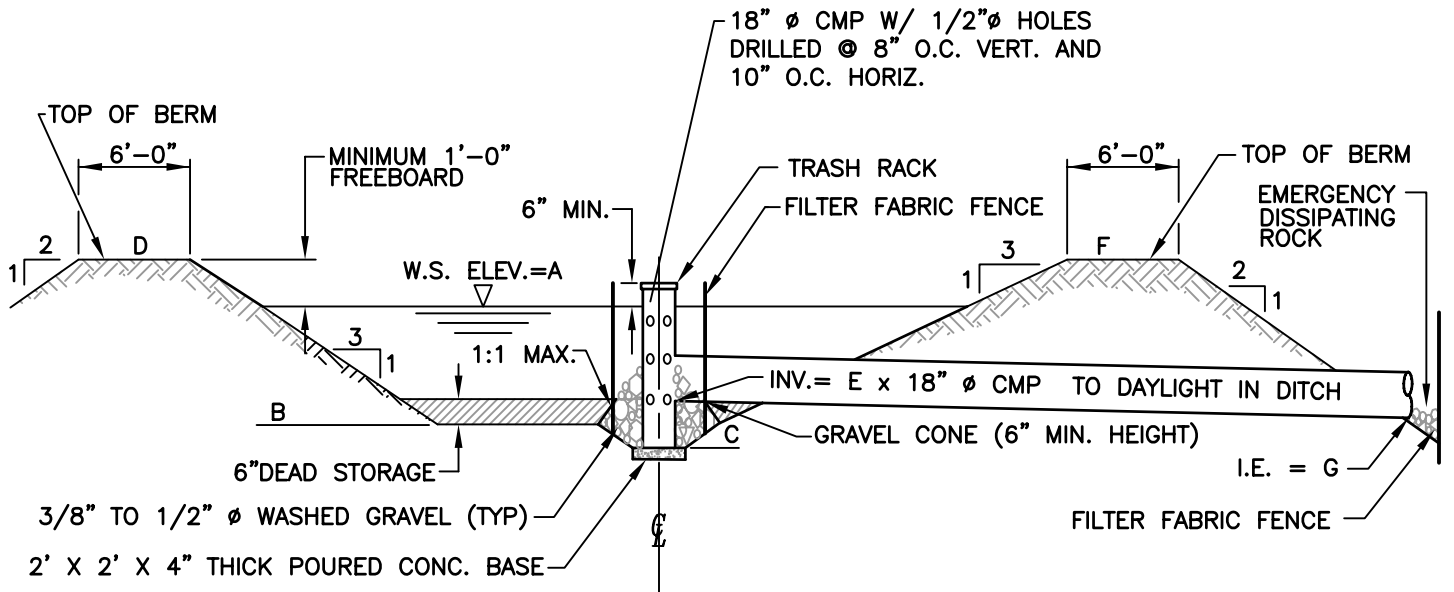
REVISIONS	DATE:
CHECKPRINT	06/16/98
UPDATES	02/22/2010
UPDATES	02/12/2019

DRAWN BY: KW CHECKED BY: LW



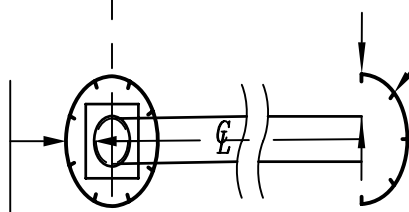
ROCK CONSTRUCTION ENTRANCE
 (BMP C105)

DWG. NO.
ESC
002



PROFILE VIEW

INSTALL FILTER FABRIC FENCE AROUND PIPE WITH 2' MIN. BETWEEN FENCE AND PIPE (SEE FILTER FABRIC FENCE DETAIL ON CONSTRUCTION OF FENCE)



INSTALL FILTER FABRIC FENCE SURROUNDING OUTLET END OF PIPE WITH 2' MIN. BETWEEN FENCE AND PIPE (SEE FILTER FABRIC FENCE DETAIL ON CONSTRUCTION OF FENCE)

PLAN VIEW

NOTE:
 MAXIMUM WATER DEPTH NOT TO EXCEED 3'-0" UNLESS SITE FENCED.

- LEGEND**
- A = DESIGN WATER SURFACE ELEVATION
 - B = DESIGN TOP OF DEAD STORAGE ELEVATION
 - C = DESIGN TOP OF CONC. BASE ELEVATION
 - D = DESIGN TOP OF BERM ELEVATION
 - E = DESIGN INLET INV. ELEVATION OF OUTFALL PIPE
 - F = DESIGN TOP OF BERM ELEVATION
 - G = DESIGN OUTLET INV. ELEVATION OF OUTFALL PIPE

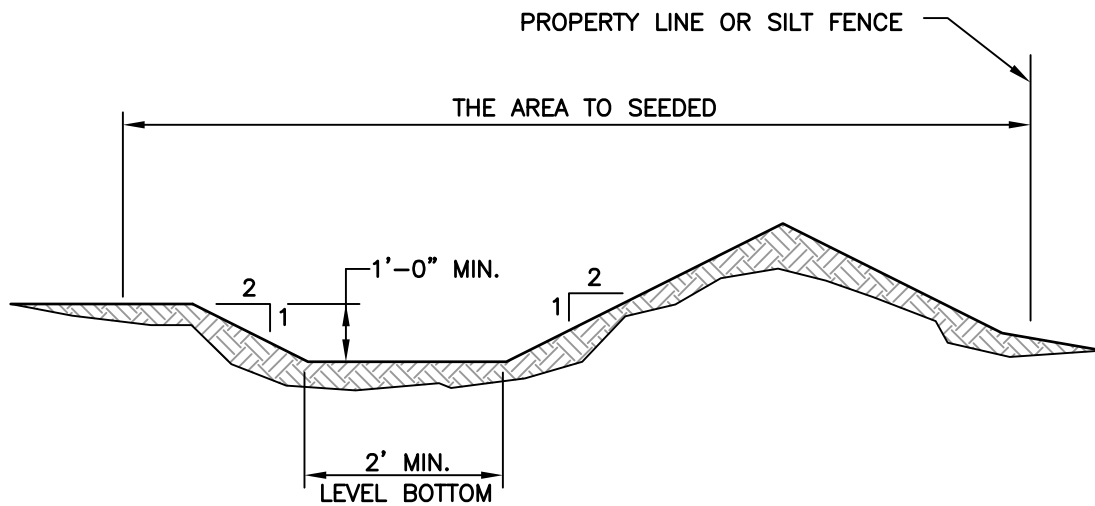
REVISIONS	DATE:
UPDATES	02/01/2006

DRAWN BY: KKW CHECKED BY: LCW



TEMPORARY SEDIMENT POND DETAIL


DWG. NO.
ESC
003

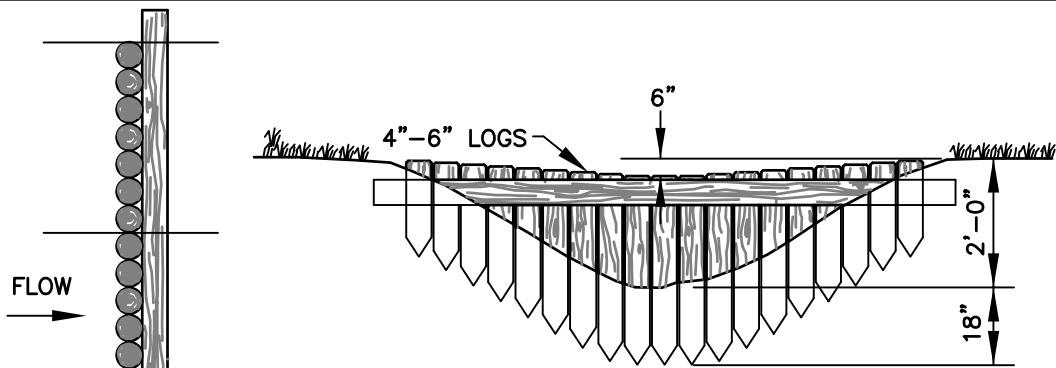


NOTES:

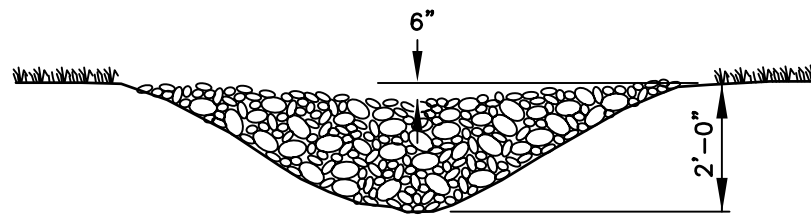
1. MAXIMUM DEPTH TO BE REVIEWED BY THE CITY.
2. INTERCEPTOR SWALE AREA SHALL BE SEEDED WITH THE "RURAL APPLICATION". SEEDING MIX PER KING COUNTY SURFACE WATER DESIGN MANUAL SECTION 5.5.4-2 CONTAINING:

KENTUCKY BLUEGRASS	15% BY WT.
TALL FESCUE	40%
PERENNIAL RYE	30%
CHEWING FESCUE	15%
3. DIMENSIONS WILL VARY DEPENDENT ON QUANTITY OF FLOW, SLOPE AND ETC.

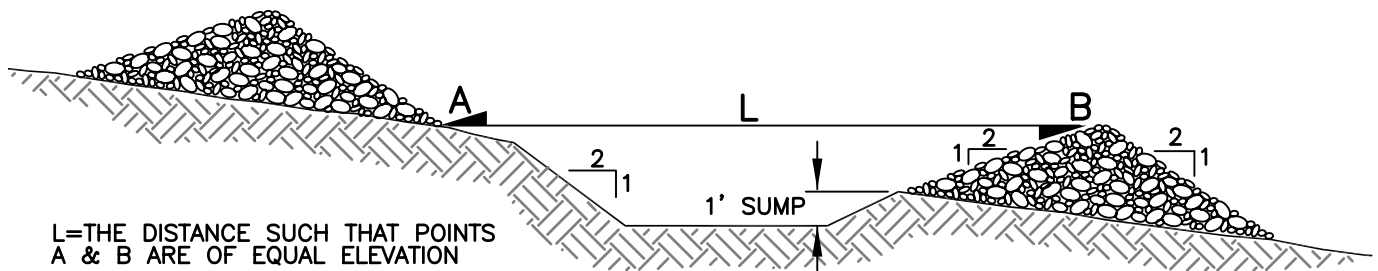
REVISIONS	DATE:		<h2 style="margin: 0;">INTERCEPTOR SWALE DETAIL</h2> <p style="margin: 0;">(BMP C201)</p>	DWG. NO.
			ESC	
			004	
DRAWN BY: KKW CHECKED BY: LCW				



LOG CHECK DAM DETAIL



ROCK CHECK DAM DETAIL



SPACING BETWEEN CHECK DAMS

CHECK DAM DESIGN CRITERIA/SPECIFICATIONS

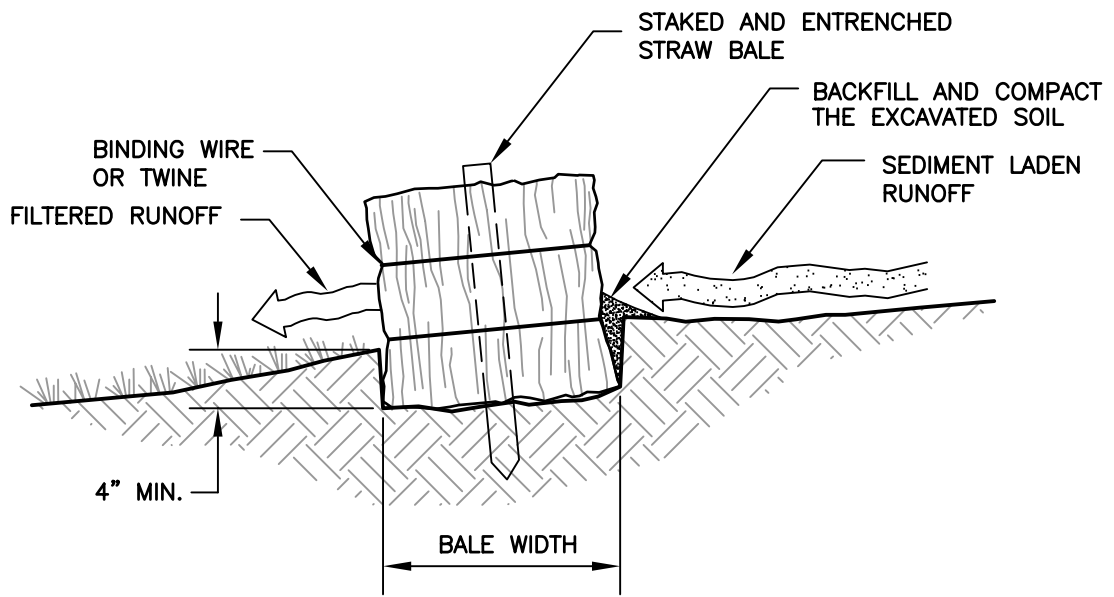
- A. Check dams shall be constructed of either rock or logs and will be provided with a 1' deep sump immediately upstream.
- B. The maximum spacing between the dams shall be such that the toe of the upstream dam is at the same elevation as the top of the downstream dam.
- C. Rock check dams shall be constructed of rock spalls, 2" to 4". The rock must be placed by hand or mechanical placement (no dumping of rock to form dam) to achieve complete coverage of the ditch or swale and to insure that the center of the dam is lower than the edges.
- D. Log check dams shall be constructed of 4" to 6" diameter logs. The logs shall be embedded into the soil at least 18 inches.
- E. Check dams shall be checked for sediment accumulation after each significant rainfall. Sediment shall be removed before it reaches the sump height.

REVISIONS	DATE:
CHECKPRINT	5/4/98
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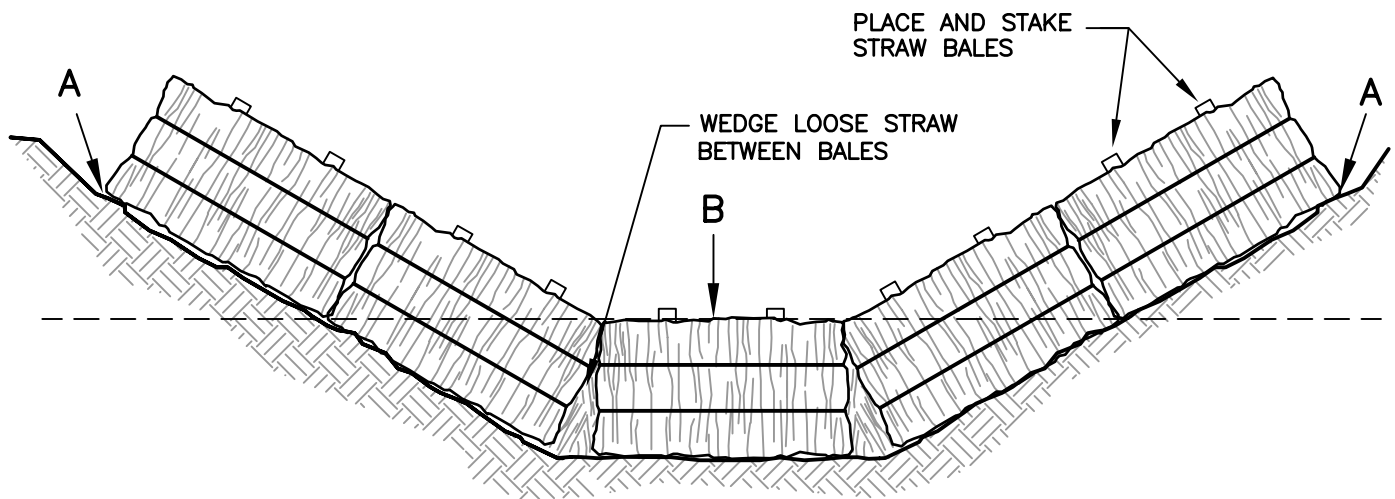


ROCK CHECK DAMS

DWG. NO.
ESC
005



CROSS-SECTION



POINTS "A" SHOULD BE HIGHER THAN POINT "B"

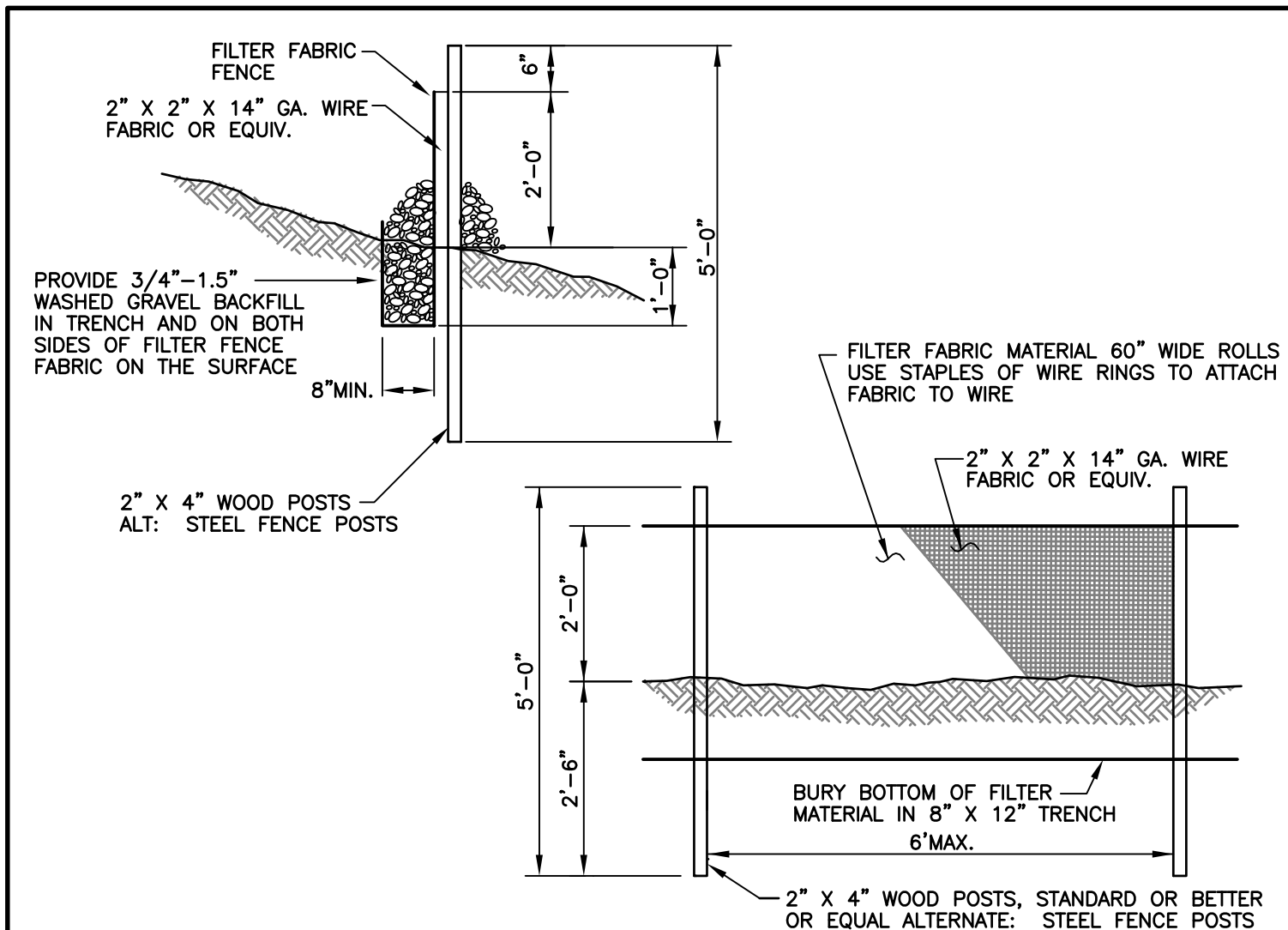
PROPER PLACEMENT IN DRAINAGE WAY

REVISIONS	DATE:
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**STRAW BALE
CHECK DAMS**

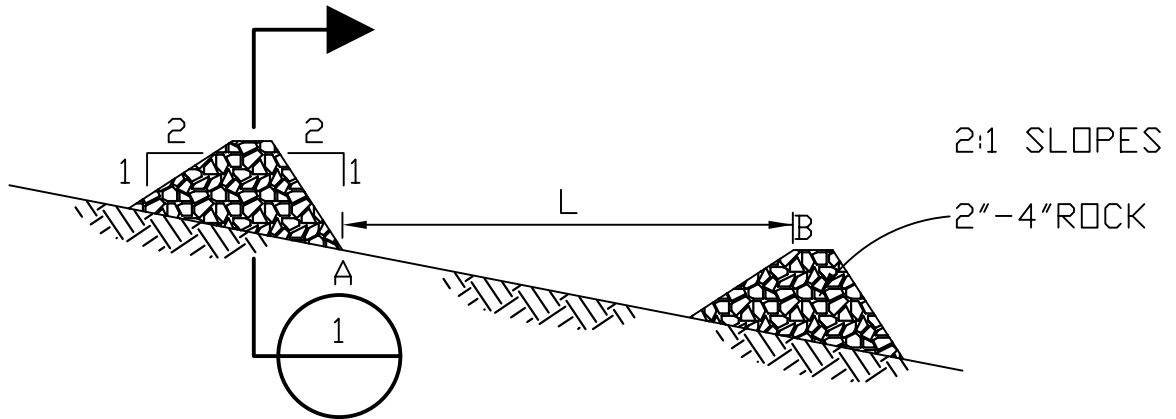
DWG. NO.
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006



FILTER FABRIC FENCE NOTES:

- A. The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap, and both ends securely fastened to the post.
- B. The filter fabric fence shall be installed to follow the contours (where feasible). The fence posts shall be spaced a maximum of 6 feet apart and driven securely into the ground (minimum of 30 inches).
- C. A trench shall be excavated, roughly 8 inches wide and 12 inches deep, upslope and adjacent to the wood post to allow the filter fabric to be buried.
- D. When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy-duty wire staples at least 1 inch long, tie wires or hog rings. The wire shall extend into the trench a minimum of 4 inches and shall not extend more than 36 inches above the original ground surface.
- E. The Standard Strength filter fabric shall be stapled or wired to the fence, and 20 inches of the fabric shall be extended into the trench. The fabric shall not extend more than 36 inches above the original ground surface. Filter fabric shall not be stapled to existing trees.
- F. When extra-strength filter fabric and closer post spacing are used, the wire mesh support fence may be eliminated. In such a case, the filter fabric is stapled or wired directly to the posts with all other provisions of Standard Note E. applying.
- G. The trench shall be backfilled with 3/4-inch minimum diameter washed gravel.
- H. Filter fabric fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized.
- I. Filter fabric fences shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.

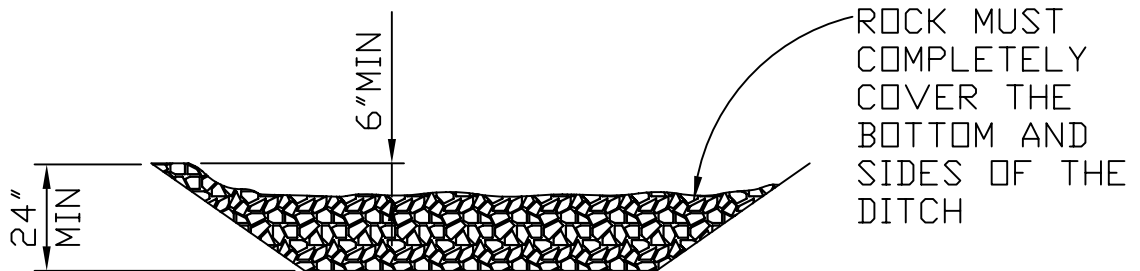
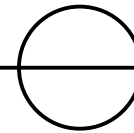
REVISIONS	DATE:	 City of Enumclaw	FILTER FABRIC FENCE (BMP C233)	DWG. NO.
CHECKPRINT	5/4/98			ESC
				007
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L=THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION

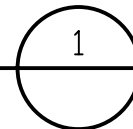
CHECK DAM SPACING

NO SCALE



CHECK DAM SECTION

NO SCALE



REVISIONS	DATE:
CHECKPRINT	10/10/00
DRAWN BY: KDS	CHECKED BY: LCW



CHECK DAM
DETAIL

DWG. NO.
ESC
008