

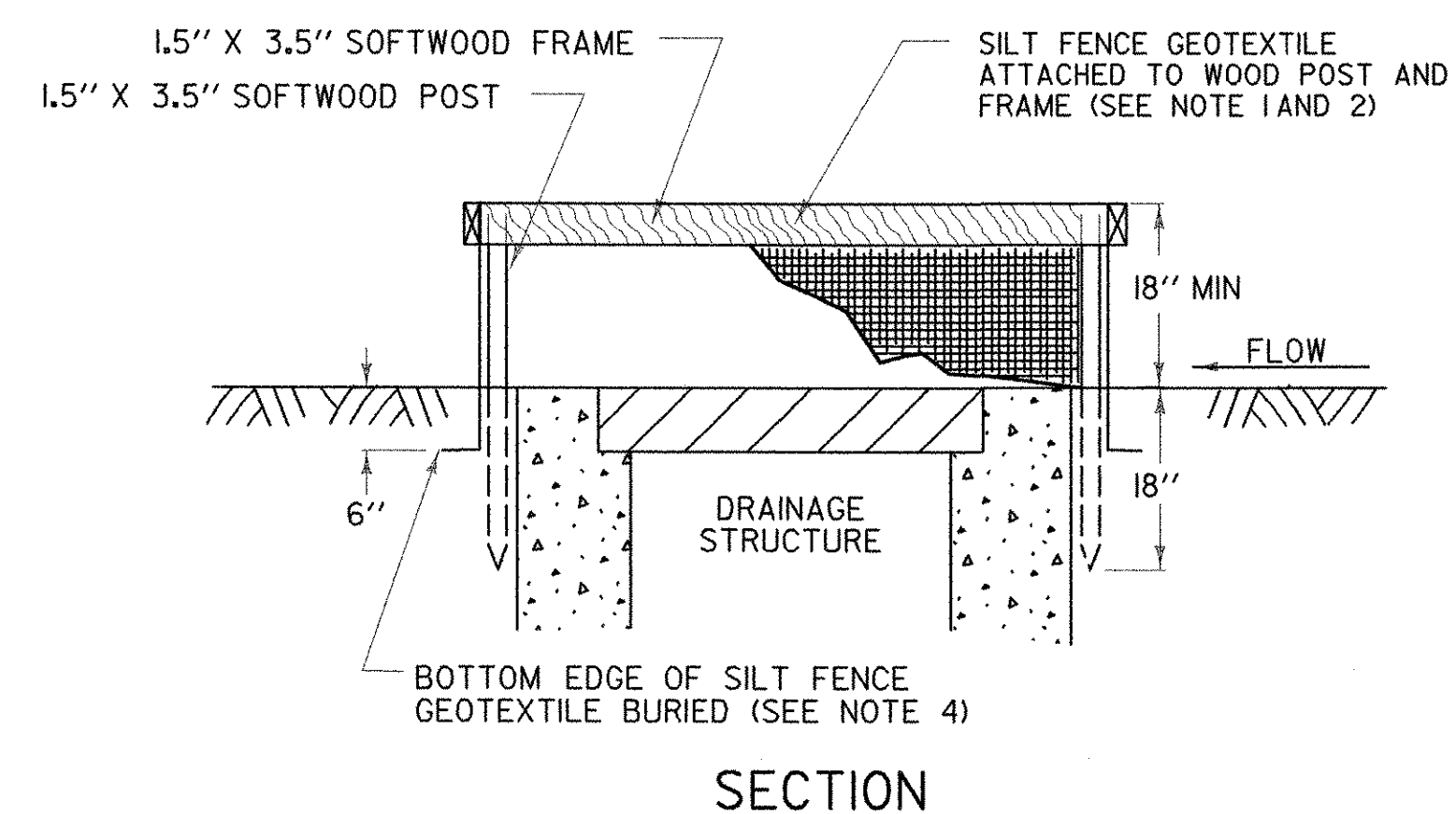
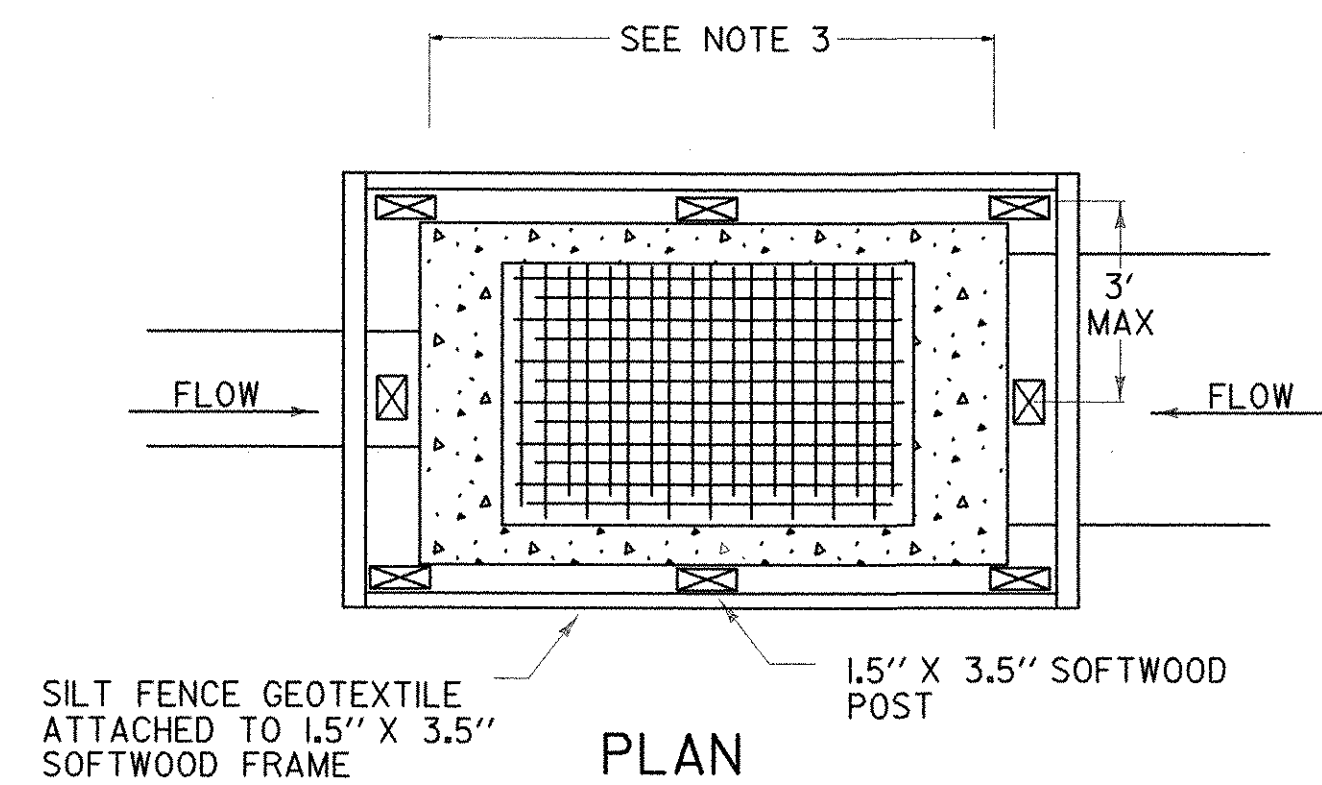
DROP INLET PROTECTION

APPLICATION NOTES:

- A. THE PRIMARY PURPOSE OF DRAINAGE STRUCTURE INLET PROTECTION IS TO PREVENT SEDIMENT FROM ENTERING A DRAINAGE SYSTEM BY PONDING WATER WHICH ALLOWS SEDIMENT TO FALL OUT OF SUSPENSION.
- B. THESE EXAMPLES OF DROP INLET PROTECTION ARE NOT INTENDED FOR USE ON GRADES. ON GRADE THEY MAY CAUSE WATER TO BYPASS THE STRUCTURE, CREATING ADDITIONAL EROSION OR FLOODING.
- C. POSSIBLE MODIFICATIONS FOR USE ON GRADE INCLUDE ADDING A BERM DOWNSTREAM OF THE INLET TO CREATE PONDING. CHECK DAMS MAY ALSO BE USED UPSTREAM OF THE INLET TO SLOW VELOCITIES.

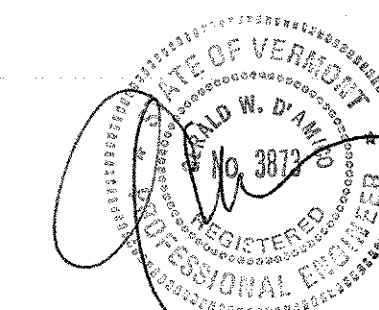
GENERAL NOTES:

1. THE TOP OF THE INLET PROTECTION SHALL BE SET AT THE MAXIMUM DESIRED WATER LEVEL, BASED ON FIELD LOCATION AND CONDITIONS.
2. SILT FENCE GEOTEXTILE SHALL BE A SINGLE CONTINUOUS PIECE TO ELIMINATE JOINTS.
3. SPACE SILT FENCE POSTS EVENLY AROUND INLET WITH A MAXIMUM SPACING OF 3 FEET. DRIVE POSTS A MINIMUM OF 18 INCHES INTO GROUND. WIRE MESH MAY BE REQUIRED BEHIND GEOTEXTILE TO PROVIDE SUPPORT.
4. SILT FENCE GEOTEXTILE SHALL BE EMBEDDED A MINIMUM OF 6 INCHES AND BACKFILLED. GEOTEXTILE SHALL BE SECURELY FASTENED TO POSTS AND FRAME.
5. MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE.
6. MEASURES SHALL BE CLEANED AND REPAIRED AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.
7. PAYMENT OF INLET PROTECTION SHALL BE MADE UNDER GEOTXTILE FOR SILT FENCE, ITEM 649.5 ITEM INCLUDED IN THE CONTRACT PLANS. THE COST OF FURNISHING, PLACING, AND INSTALLING THE SOFTWOOD FRAME AND POSTS ARE INCIDENTAL TO ITEM 649.5I.
8. PAYMENT FOR MONITORING INLET PROTECTION SHALL BE MADE UNDER THE MONITORING EROSION PREVENTION & SEDIMENT CONTROL PLAN ITEM 652.20.
9. PAYMENT FOR MAINTAINING INLET PROTECTION SHALL BE MADE UNDER MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN ITEM 652.30, UNLESS MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES.



SILT FENCE DROP INLET PROTECTION

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83



AIP 3-50-0015

SHEET NAME: EROSION PREVENTION & SEDIMENT CONTROL DETAILS DROP INLET PROTECTION	
PROJECT NAME:	CLARENDON
PROJECT NUMBER:	AIR 04-3172-C2
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PROJECT LEADER: G. D'AMICO	DRAWN BY: R. DEWEY
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EROSION PREVENTION & SEDIMENT CONTROL	SHEET 25 OF 27