

# ESC PHASE I SEQUENCE OF CONSTRUCTION

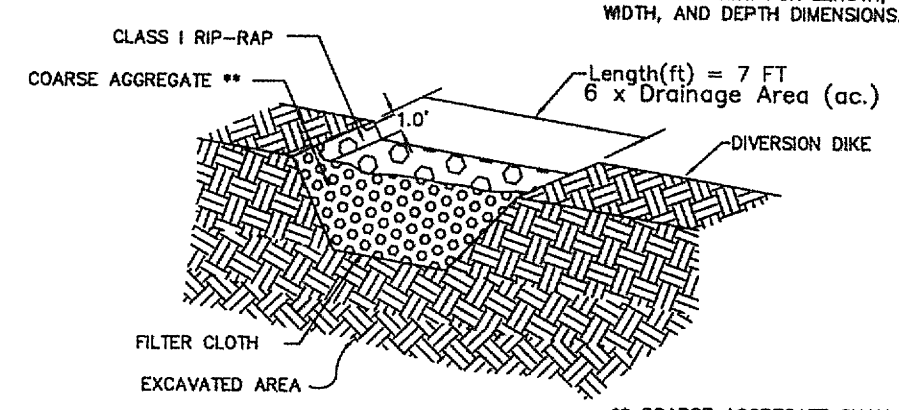
1. INSTALL CONSTRUCTION ENTRANCE FROM GREEN TREE LANE AS FIRST STEP IN CONSTRUCTION.
2. AFTER THE CONSTRUCTION SITE IS ACCESSED, INSTALL ALL SILT FENCE TO PROTECT THE ADJACENT PROPERTIES.
3. THE SEDIMENT TRAP AND DIVERSIONS SHALL BE INSTALLED AT THIS TIME AS THE EXISTING ASPHALT IS REMOVED FROM THE SITE.
4. ALL DEMOLITION OPERATIONS SHALL TAKE PLACE AT THIS TIME INCLUDING ON-SITE BUILDINGS, POOLS, AND THE PORTION OF GREEN TREE LANE BEING REMOVED AND RE-GRADED/PAVED.
5. MAJOR GRADING SHALL TAKE PLACE AT THIS TIME.
6. REFER TO SHEET C03 FOR PHASE II EROSION & SEDIMENT CONTROL MEASURES.

## ST SEDIMENT TRAP

### TEMPORARY SEDIMENT TRAP DATA

| STR. | D.A.<br>(ACRES) | STORAGE (C.Y.) |             | WEIR<br>LENGTH<br>(FT.) | WEIR<br>HEIGHT<br>(FT.) | BERM<br>HEIGHT<br>(FT.) | TOP<br>LENGTH<br>(FT.) | TOP<br>WIDTH<br>(FT.) | TOTAL<br>DEPTH<br>(FT.) |
|------|-----------------|----------------|-------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------|-------------------------|
|      |                 | REQ'D          | DESIGN      |                         |                         |                         |                        |                       |                         |
| 1    | 1.10            | 148 (TOTAL)    | 160 (TOTAL) | 6                       | 4.5'                    | 4'                      | 50'                    | 35'                   | 4'                      |

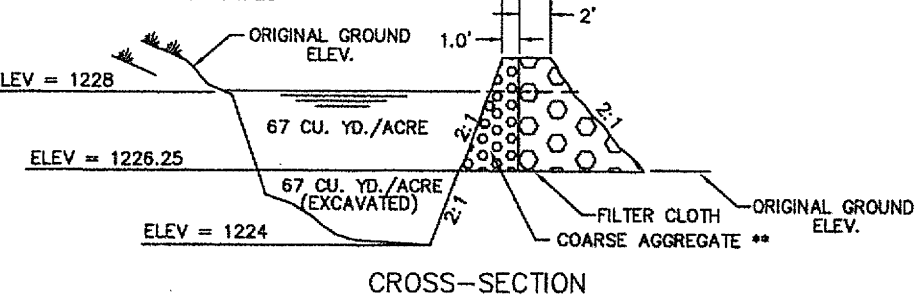
\* SEE PLATE 3.13-1



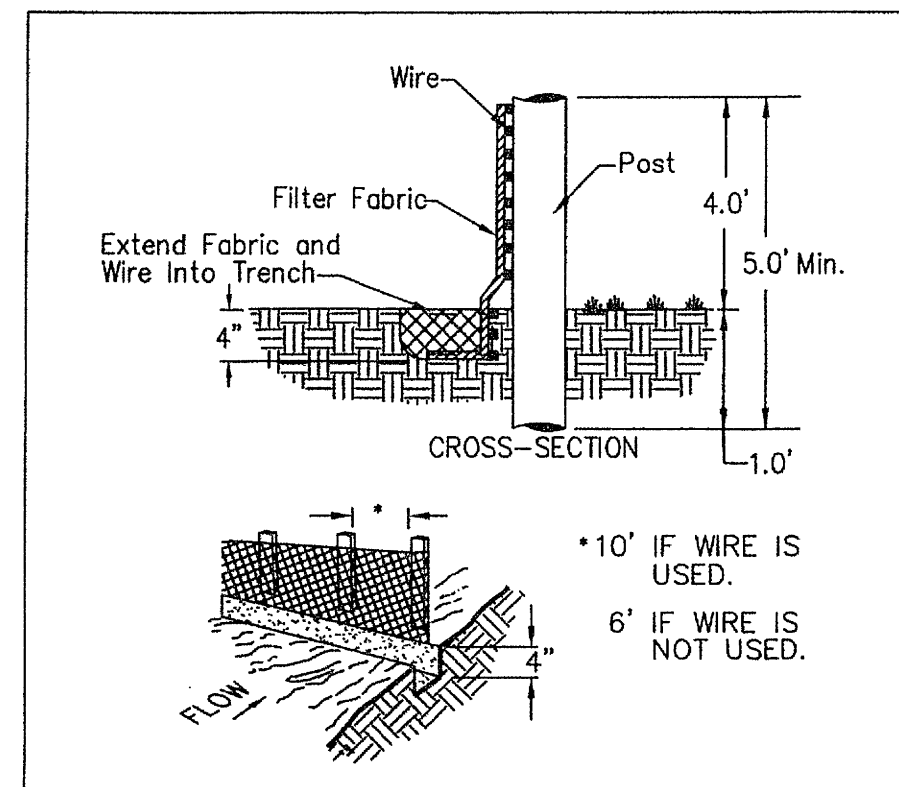
\* SEE PLAN VIEW FOR LENGTH, WIDTH, AND DEPTH DIMENSIONS.

\*\* COARSE AGGREGATE SHALL BE VDOT #3, #57 OF #5

\*\* SEDIMENT TRAP SHALL HAVE 2:1 SIDE SLOPES

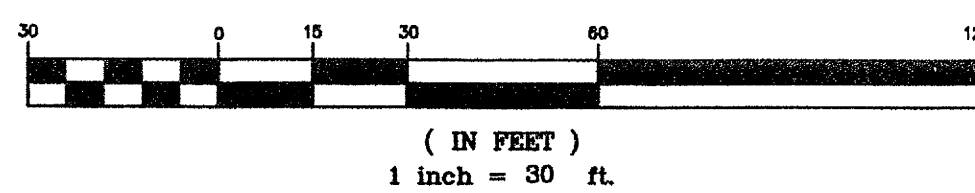


CROSS-SECTION



## SF CONSTRUCTION OF A SILT FENCE

### GRAPHIC SCALE



## ESC LEGEND

|      |                                       |    |
|------|---------------------------------------|----|
| 3.02 | TEMPORARY STONE CONSTRUCTION ENTRANCE | CE |
| 3.05 | SILT FENCE                            | SF |
| 3.09 | TEMPORARY DIVERSION DIKE              | DD |
| 3.13 | TEMPORARY SEDIMENT TRAP               | ST |
| 3.30 | TOPSOILING                            | TO |

|      |                   |    |
|------|-------------------|----|
| 3.31 | TEMPORARY SEEDING | TS |
| 3.32 | PERMANENT SEEDING | PS |
| 3.35 | MULCHING          | MU |

