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# STREAM CROSSING NOTES

1. TEMPORARY STREAM CROSSING USING A 30" CMP CULVERT SHALL BE INSTALLED IF THE STREAM MUST BE CROSSED PRIOR TO INSTALLING THE SANITARY SEWER FOR ROUTING THE STREAM. TEMPORARY CULVERT CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. & SPEC. 3.24 OF THE VESCH. SEE PLATE 3.24-2. MINIMUM COVER OVER THE CULVERT SHALL BE 1.25'. CLASS A1 RIP RAP, 2' THICKNESS, SHALL BE LAID OVER SIDE SLOPES IN ACCORDANCE WITH RIP RAP STD. AND SPEC. 3.18. SEE SHEET 11 FOR ADDITIONAL DETAILS.
2. DIVERT WATERCOURSE ONLY AS REQUIRED FOR INSTALLATION OF THE SANITARY SEWER LINE.
3. USE DIVERSION CHANNEL LINING "TYPE B" AS SHOWN ON VESCH PLATE 3.25-2. SEE SHEET 11 OF 14 FOR ADDITIONAL NOTES AND DETAILS.

| DIVERSION DIKE DATA |       |              |
|---------------------|-------|--------------|
| DIVERSION           | DEPTH | LINER        |
| 1-1                 | 8"    | EC-2         |
| 1-2                 | 18"   | EC-2         |
| 1-3A                | 18"   | EC-2         |
| 1-3B                | 18"   | EC-3, TYPE A |
| 1-4                 | 8"    | EC-2         |
| 1-5                 | 8"    | EC-2         |
| 1-6                 | 12"   | EC-2         |
| 1-7                 | 16"   | EC-2         |
| 1-8                 | 8"    | EC-2         |
| 1-9                 | 8"    | EC-2         |
| 1-10                | 8"    | EC-2         |

NOTE: DIVERSIONS TO BE VEE SHAPED WITH 3:1 SIDE SLOPES.

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## EROSION AND SEDIMENT CONTROL PLAN

"HAMPSHIRE"  
PREPARED FOR  
COTTON HILL LAND CO., LC  
CAVE SPRING MAGISTRAL DISTRICT  
ROANOKE COUNTY, VIRGINIA

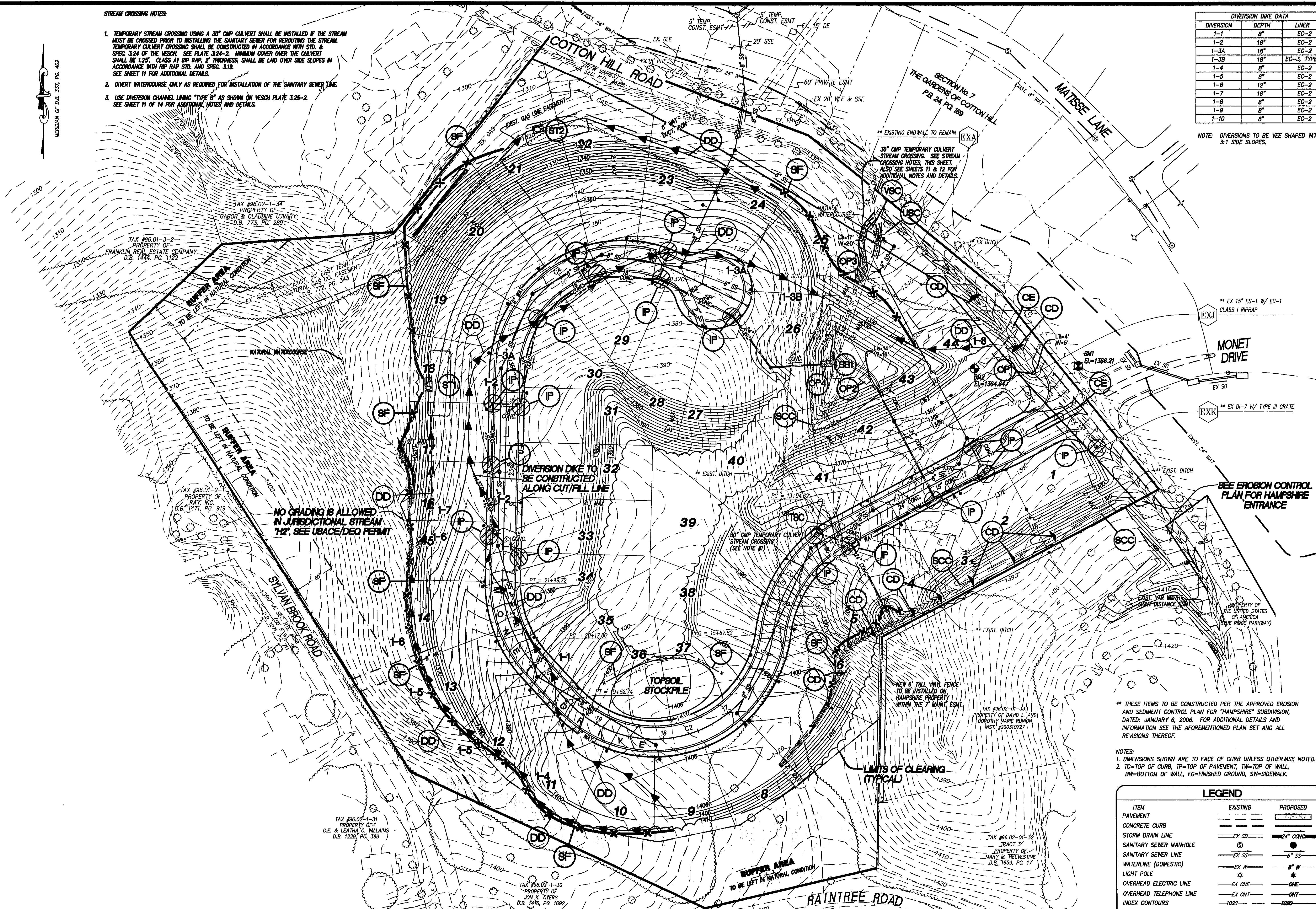
| REVISIONS |      | DESCRIPTION |   |   |   |   |
|-----------|------|-------------|---|---|---|---|
| NO.       | DATE | 1           | 2 | 3 | 4 | 5 |
|           |      |             |   |   |   |   |

DATE: May 19, 2006

SCALE: 1" = 60'

COMMISSION NO.: 95-359

SHEET 10 OF 14



THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN HEREON REFLECT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR "HAMPSHIRE" DATED: JANUARY 6, 2006. FOR ADDITIONAL DETAILS AND INFORMATION SEE THE APPROVED EROSION AND SEDIMENT CONTROL PLANS AND ALL REVISIONS THEREOF

THIS PLAN FOR EROSION AND SEDIMENT CONTROL PURPOSES ONLY

| LEGEND                     |            |          |
|----------------------------|------------|----------|
| ITEM                       | EXISTING   | PROPOSED |
| PAVEMENT                   | ---        | ---      |
| CONCRETE CURB              | ---        | ---      |
| STORM DRAIN LINE           | ---        | ---      |
| SANITARY SEWER MANHOLE     | S          | 24" CONC |
| SANITARY SEWER LINE        | EX SS      | 8" SS    |
| WATERLINE (DOMESTIC)       | EX W       | 8" W     |
| LIGHT POLE                 | *          | *        |
| OVERHEAD ELECTRIC LINE     | EX OHE     | OHE      |
| OVERHEAD TELEPHONE LINE    | EX OHT     | OHT      |
| INDEX CONTOURS             | -1020-     | -1020-   |
| INTERMEDIATE CONTOURS      | -1018-     | -1018-   |
| UNDERGROUND GAS            | EX GAS UG  | GAS      |
| UNDERGROUND COMMUNICATIONS | EX COMM UG | COMM     |
| WATERLINE (FIRE)           | EX FW      | 6" FW    |
| SPOT ELEVATION             | 1021.5 X   | 1021.5   |