

MATCHLINE SHEET C1.4

MATCHLINE SHEET C1.6

EROSION & SEDIMENT CONTROL LEGEND

- CE CONSTRUCTION ENTRANCE
- SF SILT FENCE
- IP INLET PROTECTION
- OP OUTLET PROTECTION
- CRS CONSTRUCTION ROAD STABILIZATION
- TS TEMPORARY SEEDING
- PS PERMANENT SEEDING
- ST SEDIMENT TRAP
- DD DIVERSION DIKE
- CD CHECK DAM

- GENERAL NOTES:
1. REFER TO ROAD PROFILE SHEETS FOR VERTICAL ROAD ALIGNMENTS.
 2. REFER TO SHEET C1.11 FOR ROAD HORIZONTAL ALIGNMENT DATA.
 3. REFER TO THE MASTER PLAN FOR PROJECT LAYOUT, SHEET INDEX, CODE ANALYSIS, AND GENERAL PROJECT NOTES.
 4. REFER TO PROJECT MANUAL FOR DETAILED PROJECT SPECIFICATIONS.
 5. GENERAL CONTRACTOR SHALL CONTACT A UTILITY MARKING SERVICE FOR UNDERGROUND UTILITY MARKING PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
 6. EROSION CONTROL MEASURES SHALL ADHERE TO THE MINIMUM STANDARDS SET FORTH IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.

MANICURED RECREATIONAL FIELD AREA (SEE MASTER PLAN) PROVIDE COVERED GAZEBO'S & PARK BENCHES
 SEDIMENT TRAP #2
 DA: 1.32 AC
 BASIN SIZE: 40'x20'x6'D
 WEIR LENGTH = 8 FT.
 WEIR DEPTH = 4 FT.
 TRAP STORAGE VOLUME: 117.7 CF

NOTE: DEMOLISH AND REMOVE EXISTING BUILDINGS. PROCURE NECESSARY DEMOLITION PERMITS AS REQUIRED BY FRANKLIN COUNTY.

COMMON DRIVEWAY ACCESS FOR LOTS 30, 31, & 32

TRACT A-2
 12.613 ACRES
 TAX NO. 52.00-004.00
 ZONED: RPD

TRACT B
 50.668 ACRES
 TAX NO. 52.00-002.00
 ZONED: RPD

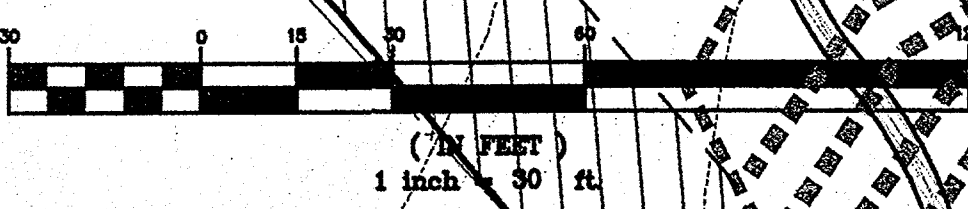
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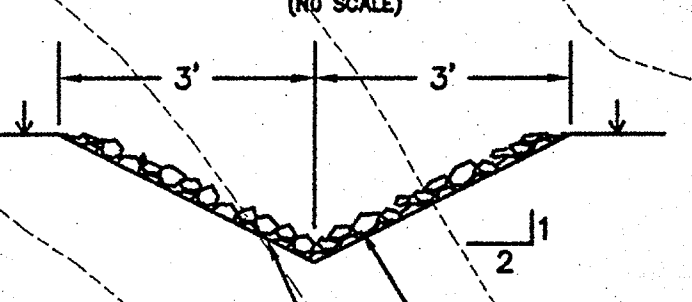
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GRAPHIC SCALE

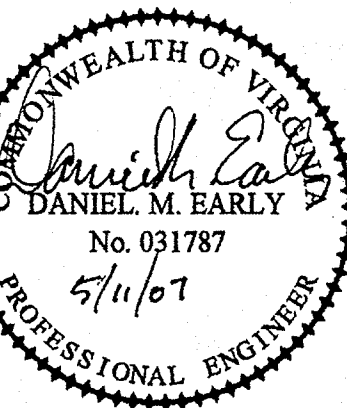


TYPICAL CHANNEL SECTION DETAIL



WATERLINE NOTE:
 INSTALL WATER SONG DRIVE WATERLINE USING HORIZONTAL BENDS AS DETERMINED BY FIELD CONDITIONS

SEWER FORCEMAIN SERVICE CONNECTION (TYPICAL)



ACS DESIGN
 ENGINEERING • SURVEYING
 LANDSCAPE ARCHITECTURE
 CONSTRUCTION MANAGEMENT

2203 PETERS CREEK ROAD
 ROANOKE, VIRGINIA 24017
 P 540.562.2345 F 562.2344
 INFO@ACSDSIGNLLC.COM
 WWW.ACSDSIGNLLC.COM

The Coves at Smith Mountain Lake
 Optima Properties-Smith Mountain Lake, LLC
 Franklin County, Virginia

DRAWN BY: dme
 DESIGNED BY: dme
 CHECKED BY: dme
 DATE: 15 May 2006
 JOB NUMBER: 05271

REVISIONS:
 No. 1 08/28/2006
 No. 2 08/31/2006
 No. 3 04/18/2007
 No. 4 5/11/07
 Final for Construction

SHEET NO.:
 C1.5

GRADING PLAN
 E&S PLAN
 UTILITY PLAN