

- NOTE:**
1. THE LOCATION OF ALL OFF-SITE FILL OR BORROW AREA ASSOCIATED WITH THE CONSTRUCTION PROJECT WILL BE PROVIDED TO ROANOKE COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT. AN EROSION CONTROL PLAN OR MEASURES MAY BE REQUIRED FOR THIS AREA.
 2. NO CONSTRUCTION/FIELD CHANGES WITHOUT THE APPROVAL OF THE CONSULTING ENGINEER, ROANOKE COUNTY, & VDOT.
 3. ALL SLOPES HAVING A GRADE OF 3:1 OR GREATER SHALL HAVE BLANKET MATTING APPLIED TO THE SLOPE.
 4. DIRECTIONAL ARROWS BETWEEN THE HOUSES INDICATE YARD SWALES TO ENSURE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
 5. THIS AREA MUST BE GRADED TO DRAIN. NO PONDING OF WATER WILL BE PERMITTED WITHIN VDOT RIGHTS-OF-WAY.

STORM SEWER STRUCTURE SCHEDULE

PROPOSED DI-1 TOP=1104.00 INV. OUT=1098.84 RCP Ø 1.44'	PROPOSED DI-38 (10') TOP=1104.25 INV. OUT=1099.00 W/VDOT STD 108.09
PROPOSED DI-1 TOP=1102.50 INV. OUT=1118.34 RCP Ø 3.02'	PROPOSED DI-1 TOP=1103.5 INV. OUT=1099.00 W/VDOT STD 108.09
PROPOSED DI-1 TOP=1118.45 INV. OUT=1111.34 W/VDOT STD 108.09	PROPOSED DI-1 TOP=1118.45 INV. OUT=1111.34 W/VDOT STD 108.09
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SANITARY SEWER STRUCTURE SCHEDULE

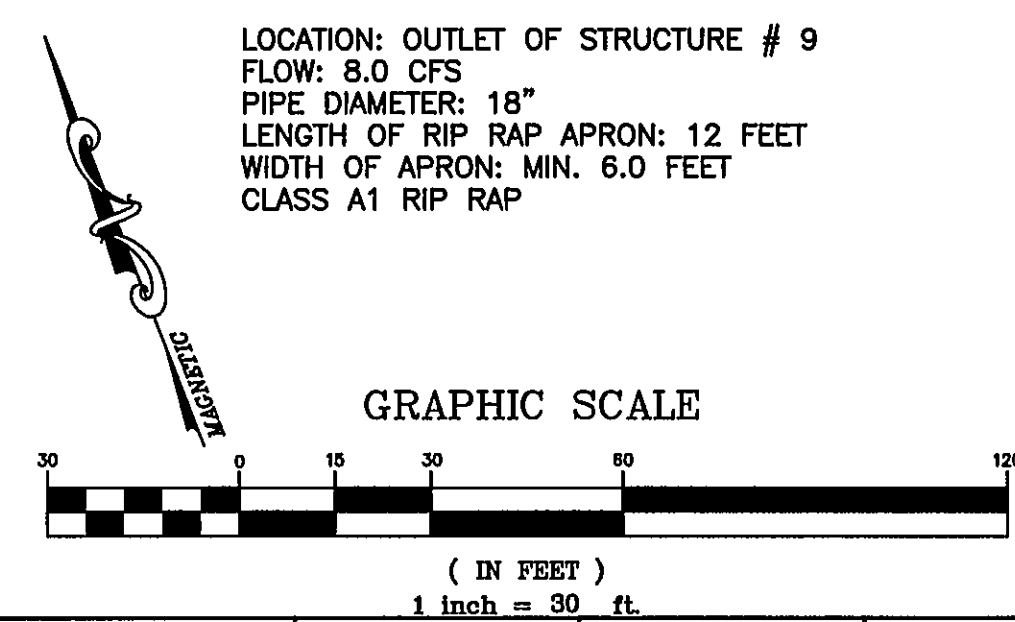
EXISTING MANHOLE INV. IN=1091.66 INV. OUT=1091.66 SHE. OUT=1091.66	PROPOSED MANHOLE TOP=1103.88 INV. IN=1093.88 W/VDOT STD 108.09
PROPOSED MANHOLE TOP=1104.25 INV. IN=1094.25 W/VDOT STD 108.09	PROPOSED MANHOLE TOP=1104.25 INV. IN=1094.25 W/VDOT STD 108.09
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STANDARD PAVEMENT	HEAVY DUTY PAVEMENT
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OUTLET PROTECTION SCHEDULE

OUTLET PROTECTION #1

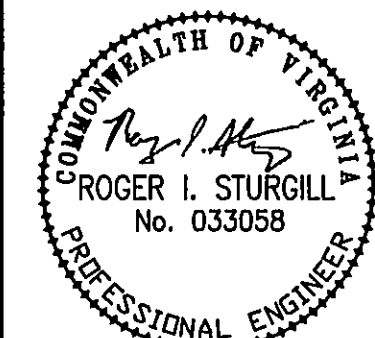
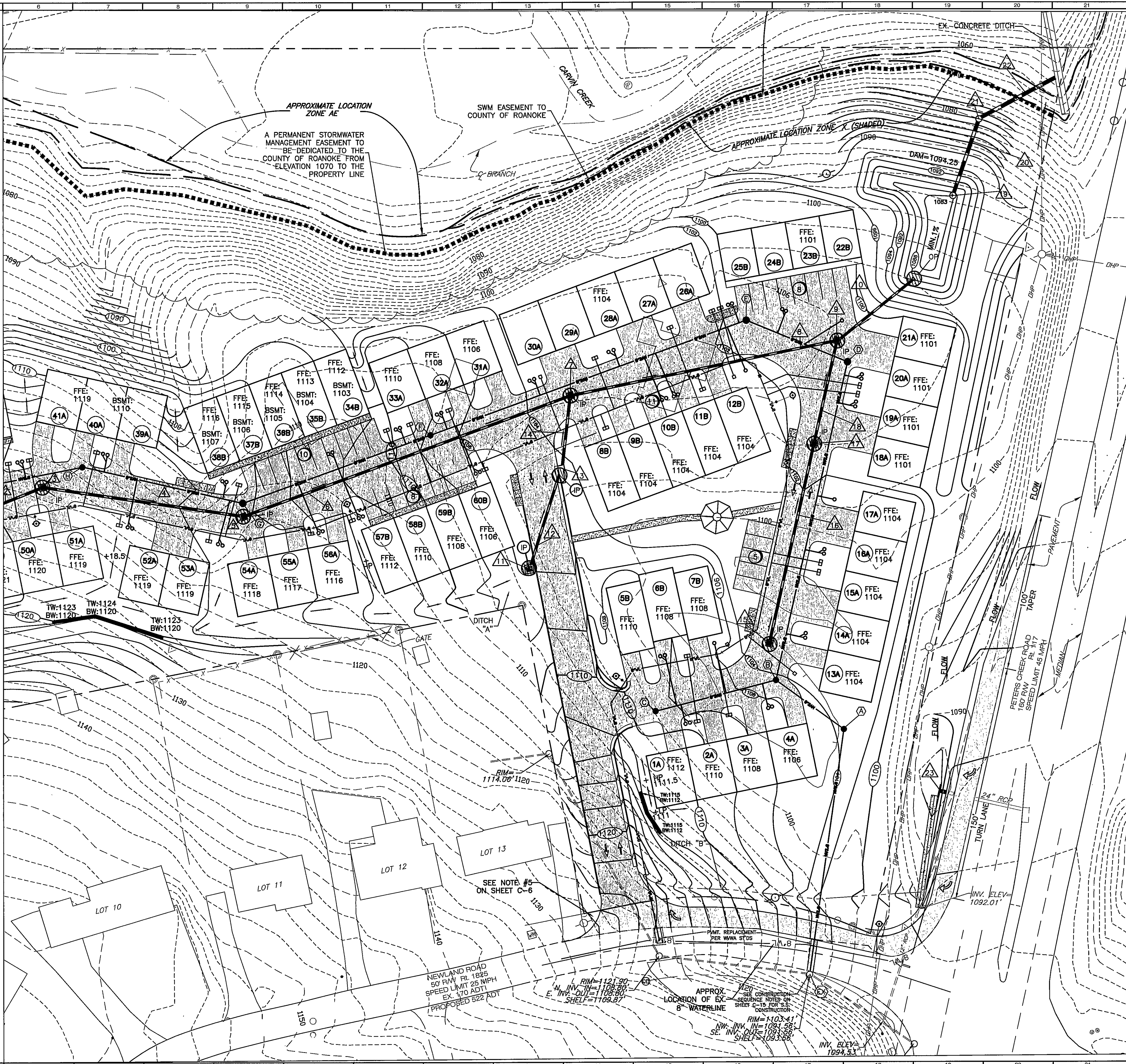
LOCATION: OUTLET OF STRUCTURE # 9
FLOW: 8.0 CFS
PIPE DIAMETER: 18"
LENGTH OF RIP RAP APRON: 12 FEET
WIDTH OF APRON: MIN. 6.0 FEET
CLASS A1 RIP RAP



MINIMUM SEWERABLE ELEVATION (CO-CLEANOUT INVERT)

LOT 1-1101.60	LOT 31-1100.89
CO-1099.60	CO-1098.89
LOT 2-1101.60	LOT 32-1100.89
CO-1099.60	CO-1098.89
LOT 3-1096.78	LOT 33-1102.21
CO-1094.78	CO-1100.21
LOT 4-1096.78	LOT 34-1102.21
CO-1094.78	CO-1100.21
LOT 5-1098.11	LOT 35-1102.26
CO-1096.11	CO-1100.26
LOT 6-1098.11	LOT 36-1102.26
CO-1096.11	CO-1100.26
LOT 7-1098.05	LOT 37-1106
CO-1096.05	CO-1104
LOT 8-1099.13	LOT 38-1106
CO-1097.13	CO-1104
LOT 9-1099.13	LOT 39-1109.49
CO-1097.13	CO-1107.49
LOT 10-1097.96	LOT 40-1109.49
CO-1095.96	CO-1107.49
LOT 11-1097.96	LOT 41-1110.43
CO-1095.96	CO-1108.43
LOT 12-1096.39	LOT 42-1110.43
CO-1094.39	CO-1108.43
LOT 13-1095.93	LOT 43-1110.58
CO-1093.93	CO-1108.58
LOT 14-1095.93	LOT 44-1110.58
CO-1093.93	CO-1108.58
LOT 15-1096.00	LOT 45-1110.95
CO-1094.00	CO-1108.95
LOT 16-1096.00	LOT 46-1110.95
CO-1094.00	CO-1108.95
LOT 17-1196.55	LOT 47-1111.32
CO-1194.55	CO-1109.32
LOT 18-1096.84	LOT 48-1111.32
CO-1094.84	CO-1109.32
LOT 19-1096.84	LOT 49-1111.19
CO-1094.84	CO-1109.19
LOT 20-1096.93	LOT 50-1111.19
CO-1094.93	CO-1109.19
LOT 21-1096.93	LOT 51-1109.57
CO-1094.93	CO-1107.57
LOT 22-1097.20	LOT 52-1109.57
CO-1095.20	CO-1107.57
LOT 23-1097.42	LOT 53-1107.00
CO-1095.42	CO-1105.00
LOT 24-1097.42	LOT 54-1107.00
CO-1095.42	CO-1105.00
LOT 25-1097.42	LOT 55-1105.11
CO-1095.42	CO-1103.11
LOT 26-1097.42	LOT 56-1105.11
CO-1095.42	CO-1103.11
LOT 27-1098.25	LOT 57-1104.66
CO-1096.25	CO-1102.66
LOT 28-1098.25	LOT 58-1104.66
CO-1096.25	CO-1102.66
LOT 29-1098.82	LOT 59-1101.45
CO-1095.82	CO-1099.45
LOT 30-1098.82	LOT 60-1101.45
CO-1096.82	CO-1099.45

SEE SHEET C7



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ENGINEERS • SURVEYORS

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Verona, Virginia 24482
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FAX: 540/248-3221

VILLAS OF THE VALLEY
GRADING & EROSION CONTROL A
HOLLINS
ROANOKE COUNTY, VIRGINIA

DRAWN BY: BTC
DESIGNED BY: SMH
CHECKED BY: RIS
DATE: 3-10-06
REVISIONS:
6-9-06
9-29-06
12-19-06
1-25-07
5-13-07
5-25-07 FIELD REVISION

SCALE: 1"=30'
SHEET NO.
C6
JOB NO.
R0500134.01