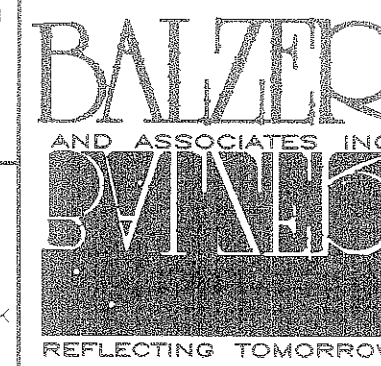
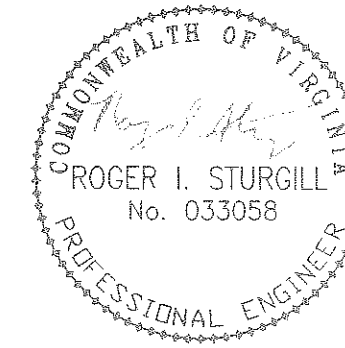


MATCHLINE SHEET C3

EXISTING STORM STRUCTURE CHART



PLANNERS • ARCHITECTS
ENGINEERS • SURVEYORS

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Roanoke, Virginia 24018
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FIRST TEAM AUTO MALL

LAYOUT & UTILITY PLAN
HOLLINS MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

DRAWN BY: DRB
DESIGNED BY: SMH
CHECKED BY: RIS
DATE: DEC. 2, 2002

REVISIONS:
12-18-02
01-08-03
01-22-03
02-07-03
02-21-03

SCALE: 20'
SHEET NO.
C4
JOB NO.
R0200107.00

STRUCTURE CHART

- 1 210.91 LF-24" HDPE @ 0.50%
INV IN=1078.05, INV OUT=1077.00
- 2 SDMH TOP=1083.91
- 3 22.05 LF-18" HDPE @ 0.50%
INV IN=1078.26, INV OUT=1078.15
- 4 DI-1 WITH GRATE, TOP=1082.78
- 5 65.42 LF-18" HDPE @ 0.50%
INV IN=1078.69, INV OUT=1078.36
- 6 DI-1 WITH GRATE, TOP=1083.10
- 7 52.99 LF-15" HDPE @ 1.0%
INV IN=1079.32, INV OUT=1078.79
- 8 DI-1 WITH GRATE, TOP=1082.30
- 9 92.21 LF-15" HDPE @ 0.5%
INV IN=1079.88, INV OUT=1079.42
- 10 DI-1 WITH GRATE, TOP=1082.30
- 11 39.67 LF-15" HDPE @ 10.26% WITH EW-1
INV IN=1083.49, INV OUT=1079.42
- 12 35.04 LF-15" HDPE @ 1.54%
INV IN=1078.69, INV OUT=1078.15
- 13 TRENCH DRAIN L=108.00', TOP=1080.70
INV IN=1079.87, INV OUT=1078.79
NEENAH R-4990-DX OR EQUAL
WITH GRATED COVER
- 14 51.71 LF-15" HDPE @ 8.10%
INV IN=1073.59, INV OUT=1069.4
- 15 SDMH TOP=1080.21
- 16 23 LF-15" HDPE @ 1.17%
INV IN=1075.27, INV OUT=1075.00
- 17 DI-1 WITH GRATE, TOP=1079.8
- 18 159.61 LF-8" HDPE @ 0.5%
INV IN=1079.16, INV OUT=1078.36
- 19 CLEANOUT TOP=1082.0 (TRAFFIC BEARING TOP)
- 20 18.48 LF 8" HDPE @ 4.50%
INV IN=1080.00, INV OUT=1079.16
- 21 TRENCH DRAIN, L=32.0', TOP=1082.00
INV OUT=1080.00, NEENAH R-4990-CX OR EQUAL WITH GRATE COVER
- 22 44.94 LF-8" HDPE @ 0.5%
INV IN=1079.38, INV OUT=1079.16

NOTE
1. BY-PASS PUMPING OF THE SEWER FLOWS MUST ADHERE TO SECTION 02731-3.5 OF THE ROANOKE COUNTY WATER AND SEWER REGULATIONS.
2. FIELD VERIFY THE LOCATION AND ELEVATION OF THE EXISTING SANITARY SEWER MANHOLE E2. NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

LAYOUT & UTILITY PLAN

SCALE: 1"=20'
0 10' 20' 40' 80'

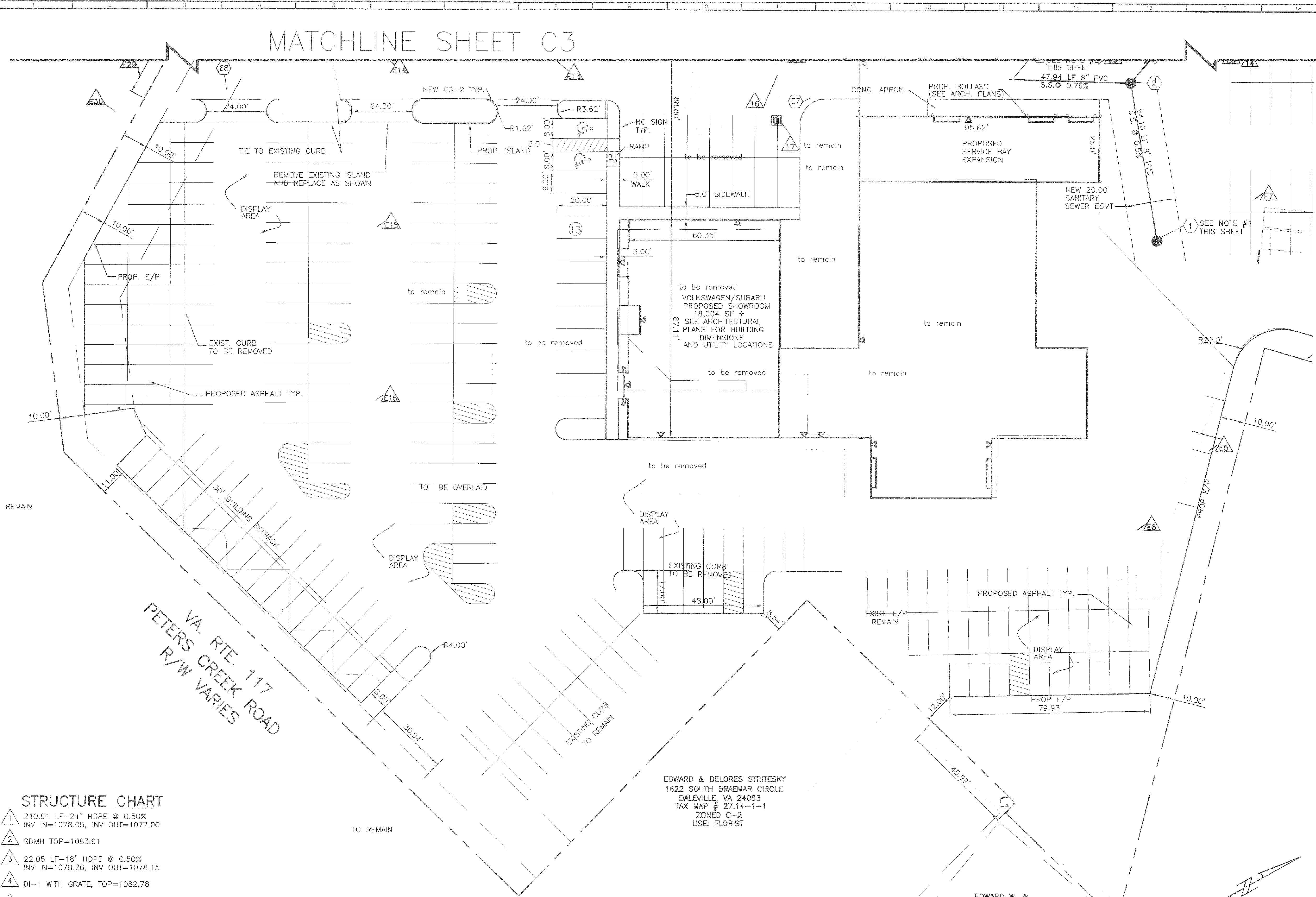
PROPOSED SANITARY STRUCTURE CHART

- 1 PROPOSED MANHOLE
TOP = 1078.20
INV IN = 1070.40
INV OUT = 1070.30
- 2 PROPOSED MANHOLE
TOP = 1078.45
INV IN = 1070.82
INV IN = 1070.82
INV OUT = 1070.72
- 3 PROPOSED SAMPLING MANHOLE
TOP = 1080.30
INV IN = 1073.31
INV OUT = 1073.21
- 4 PROPOSED MANHOLE
TOP = 1082.00
INV IN = 1074.95
INV OUT = 1074.85

EXISTING SANITARY STRUCTURE CHART

- | | | |
|----|---|---------------|
| E1 | MANHOLE
TOP = 1072.1
INV = 1068.6
INV = 1068.5 | TO REMAIN |
| E2 | MANHOLE
TOP = 1078.79
INV IN = 1072.3
(ABANDON)
INV IN = 1071.30
INV OUT = 1071.20 | TO REMAIN |
| E3 | MANHOLE | TO BE REMOVED |
| E4 | MANHOLE | TO BE REMOVED |
| E5 | CLEANOUT | TO BE REMOVED |
| E6 | CLEANOUT | TO BE REMOVED |

- | | | |
|----|--|---|
| E7 | MANHOLE
TOP = 1078.35
INV = 1073.00
INV = 1072.90 | TO BE MODIFIED
ADJUST TOP TO
FINISHED GRADE |
| E8 | MANHOLE
TOP = 1084.50
INV = 1074.60
INV = 1074.50 | TO REMAIN |
| E9 | MANHOLE
TOP = 1085.90 | TO REMAIN |



EDWARD & DELORES STRITESKY
1622 SOUTH BRAEMAR CIRCLE
DALEVILLE, VA 24083
TAX MAP # 27.14-1-1
ZONED C-2
USE: FLORIST

EDWARD W. &
JEAN M. STRITESKY