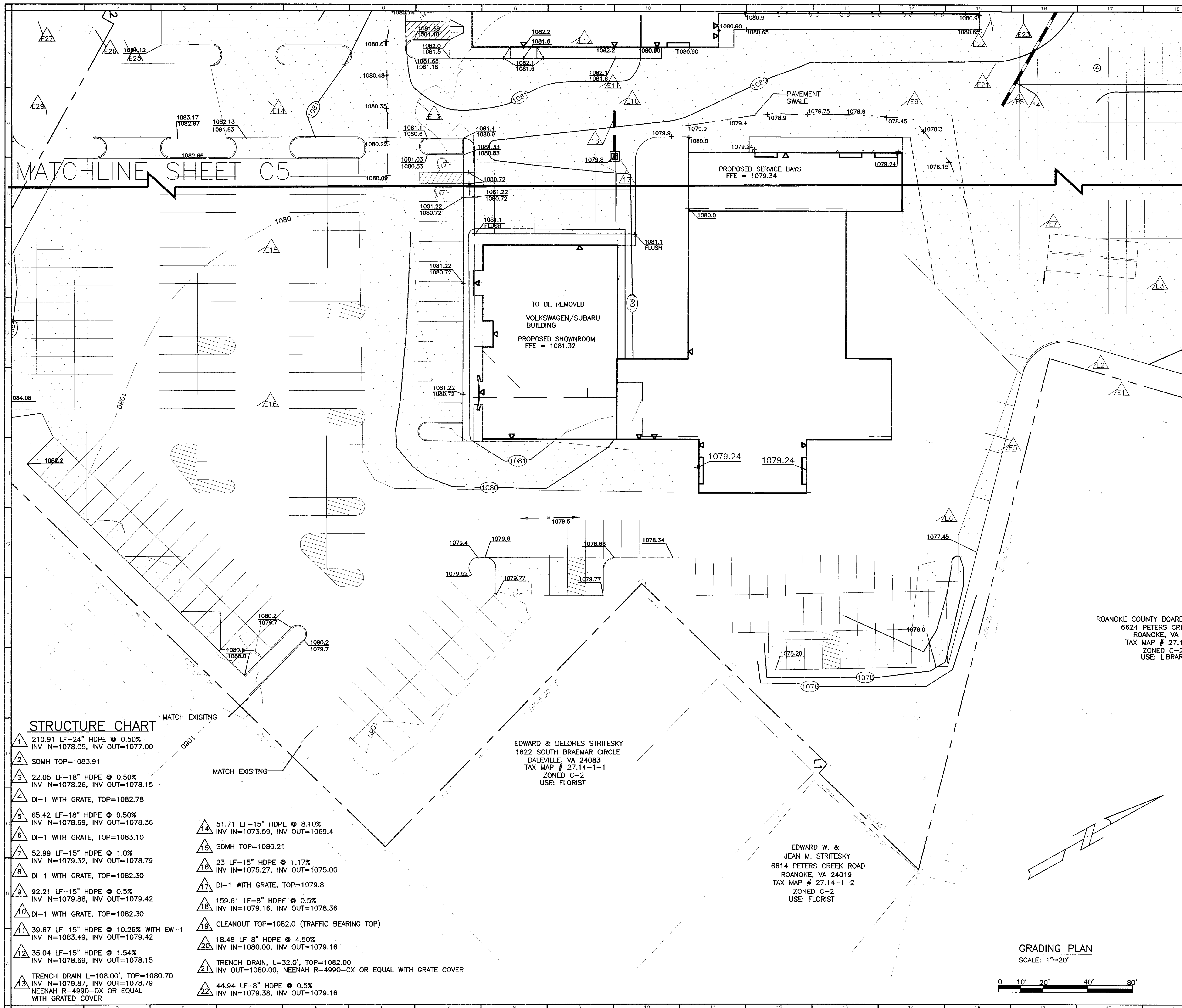




MATCHLINE SHEET C5

STRUCTURE CHART

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

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
6614 PETERS CREEK ROAD
ROANOKE, VA 24019
TAX MAP # 27.14-1-2
ZONED C-2
USE: FLORIST

GRADING PLAN

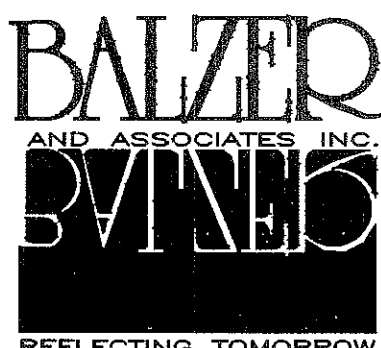
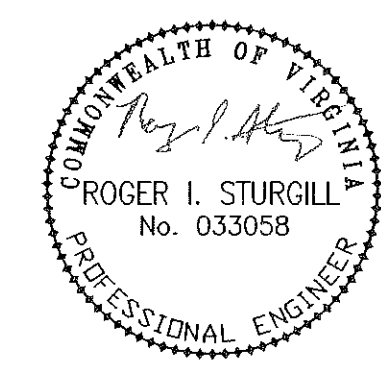
SCALE: 1"=20'



EXISTING STORM STRUCTURE CHART

E1 162 LF 30" RCP	TO REMAIN
E2 STORM MANHOLE TOP = 1067.80 INV = 1064.1 INV = 1064.0	TO REMAIN
E3 90 LF 15" RCP	TO REMAIN
E4 DROP INLET TOP = 1076.12 INV = 1072.7	TO REMAIN
E5 97 LF 15" RCP	TO REMAIN
E6 DROP INLET TOP = 1077.2 INV = 1070.10	TO REMAIN
E7 123 LF 30" RCP	TO REMAIN INV=1064.1
E8 STORM MANHOLE TOP = 1078.90 INV = 1067.6 INV = 1067.50 NEW INV = 1068.4	TO BE REPLACED
E9 173 LF 30" RCP	TO REMAIN
E10 DROP INLET TOP = 1077.50 INV = 1069.20 INV = 1069.20	TO BE MODIFIED REPLACE TOP WITH MANHOLE TOP SET TO FINISHED GRADE
E11 35 LF 25" RCP	TO BE REMOVED
E12 DROP INLET TOP = 1079.60 INV = 1070.20	TO BE REMOVED
E13 155 LF 30" RCP	TO REMAIN
E14 DROP INLET TOP = 1081.25 INV = 1071.90 INV = 1071.80	TO REMAIN
E15 138 LF 15" RCP	TO REMAIN
E16 DROP INLET TOP = 1077.90 INV = 1075.00	TO REMAIN
E17 180 LF 24" RCP	TO REMAIN
E18 STORM MANHOLE TOP = 1087.54 INV = 1076.80 INV = 1076.70	TO REMAIN
E19 67 LF 24" RCP	TO REMAIN
E20 DROP INLET TOP = 1086.46 INV = 1082.5	TO BE MODIFIED SET FLUSH TO FINISHED GRADE
E21 40LF 15" RCP	TO BE REMOVED
E22 DROP INLET TOP = 1078.08 INV = 1073.1 INV = 1073.0	TO BE REMOVED
E23 210 LF 15" RCP	TO BE REMOVED REMOVE 32 LF FROM DOWNSTREAM END AND INSTALL STRUCTURE # 15
E24 60 LF 15" RCP	TO BE REMOVED
E25 83 LF 15" RCP	TO REMAIN
E26 DROP INLET TOP=1085.7 INV IN=1078.2 INV IN=1075.0 INV OUT=1074.9	TO REMAIN
E27 60 LF-15" RCP	TO REMAIN
E28 DROP INLET TOP=1086.0 INV IN=1077.9 INV OUT=1077.8	TO REMAIN
E29 62 LF-15" RCP	TO REMAIN
E30 DROP INLET TOP=1085.4 INV OUT=1080.2	TO REMAIN

ROANOKE COUNTY BOARD OF
6624 PETERS CREEK
ROANOKE, VA 24019
TAX MAP # 27.14-
ZONED C-2
USE: LIBRARY



PLANNERS • ARCHITECTS
ENGINEERS • SURVEYORS

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Chen Allen, Virginia 22059
Phone: 804/553-0132
FAX: 804/553-0133

102 Hubbard Street
Blacksburg, Virginia 24060
Phone: 540/861-0961
FAX: 540/861-0962

FIRST TEAM AUTO MALL

GRADING 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.

C6
JOB NO.
R0200107.00