

CONTRACTOR SHALL BE RESPONSIBLE FOR MILLING AND OVERLAYING UP TO HALF THE DISTURBED LANE WIDTH IF THE EXISTING PAVEMENT SURFACE IS DAMAGED BY CONSTRUCTION EQUIPMENT, POOR SAW CUTTING, OR IMPROPER PAVEMENT PATCHING.

Virginia State Plane Coordinate System
Meridian of Old North
(Round 200 Adjustment)

STORM DRAIN
MANHOLE
TOP MH=1172.50'
INV. 24" RCP(B)=1161.35'
INV. 24" RCP(A)=1165.48'

TAX #086.16-04-11.00
GERALD V. & CARMEN L. HINDS
D.B. 1666, PG. 31
MAJOR PART LOT 1, BLOCK 1
PART OF VACATED SPENCER DRIVE
D.B. 1189, PG. 1183A

TAX #086.16-04-02.00
JESSE C. & JUDITH L. MAXEY
D.B. 1265, PG. 1597
LOT 2, BLOCK 1

TAX #086.16-04-03.00
DARRELL D. WHITT
INSTRUMENT #200601274
LOT 5, BLOCK 1

TAX #086.16-04-04.00
HAROLD D. & MARIE P. CRENEY
D.B. 1205, PG. 137
LOT 4, BLOCK 1

TAX #086.16-04-05.00
MARK R. HAZELWOOD
D.B. 1281, PG. 816
LOT 5, BLOCK 1

TAX #086.16-04-06.00
BARRY L. & SHARON L. TAYLOR
INSTRUMENT #200702569
LOT 6, BLOCK 1

TAX #086.16-04-07.00
RICKET W. WOODS
INSTRUMENT #200800288
LOT 7, BLOCK 1

SANITARY SEWER MANHOLE
TOP MH=1171.16'
INV. 8"=1170.63'

8" 45° BEND
(SEE W-19, W-20)

8" 90° BEND
(SEE W-19, W-20)

CONNECT TO EXISTING 8" WATERLINE

CONNECT NEW SERVICE TO
NEW 8" WATERLINE

CUT AND CAP EX. 2" CONNECTION
AFTER EX. MAINLINE ABANDONED

SINGLE SERVICE TO BE REPLACED (TYP)
SEE NOTES AND DETAILS ON SHEET 3

STORM DRAIN
CURB INLET VDOT DI-38
TOP MH=1178.64'
THROAT=16"
INV. IN 24" CMP=1173.55'
INV. OUT 24" RCP=1172.84'

STORM DRAIN
CURB INLET VDOT DI-38
TOP MH=1178.64'
THROAT=16"
INV. IN 24" CMP=1174.32'

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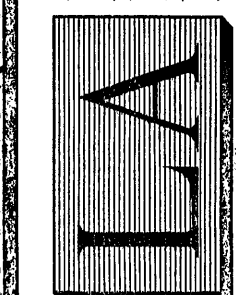
ALL EXISTING VAULTS (E.G., VALVE, BLOW-OFF, ETC.) SHALL BE DEMOLISHED AFTER DECOMMISSIONING EXISTING WATERLINE BY SAWCUTTING THE PAVEMENT A MINIMUM OF 4 FOOT SQUARE AROUND VAULT, REMOVING THE FRAME AND COVER, FILLING WITH COMPACTED #21A STONE, AND RESTORING THE PAVEMENT PER VDOT STANDARDS.

AT THE CONTRACTOR'S OPTION, 3 FEET OF COVER WILL BE ALLOWED BETWEEN STA 30+00 AND 32+00 PROVIDED AN AIR RELEASE ASSEMBLY IS INSTALLED AT STA 31+00 AND AN IN-LINE BLOW-OFF ASSEMBLY IS INSTALLED AT STA 32+25 WITHOUT ADDITIONAL COST.

APPROXIMATE ELEVATION PROJECTION
OF EX. SANITARY SEWER MAIN
LATERAL LOCATIONS ARE UNKNOWN

GRAPHIC SCALE
(IN FEET)
1 inch = 80 ft.

LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA



DOUGLAS E. LUMSDEN
No. 093740
4-28-11
PROFESSIONAL ENGINEER

PLAN AND
PROFILE
SHAROLYN DRIVE
SPENCER DRIVE

ARLINGTON HILLS
WATERLINE REPLACEMENTS
PREPARED FOR
WESTERN VIRGINIA WATER AUTHORITY
CAVE SPRING MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		

DATE: April 28, 2011

SCALE: (H) 1" = 30', (V) 1" = 5'

COMMISSION NO: 10-055

SHEET 6 OF 13

APPROVED