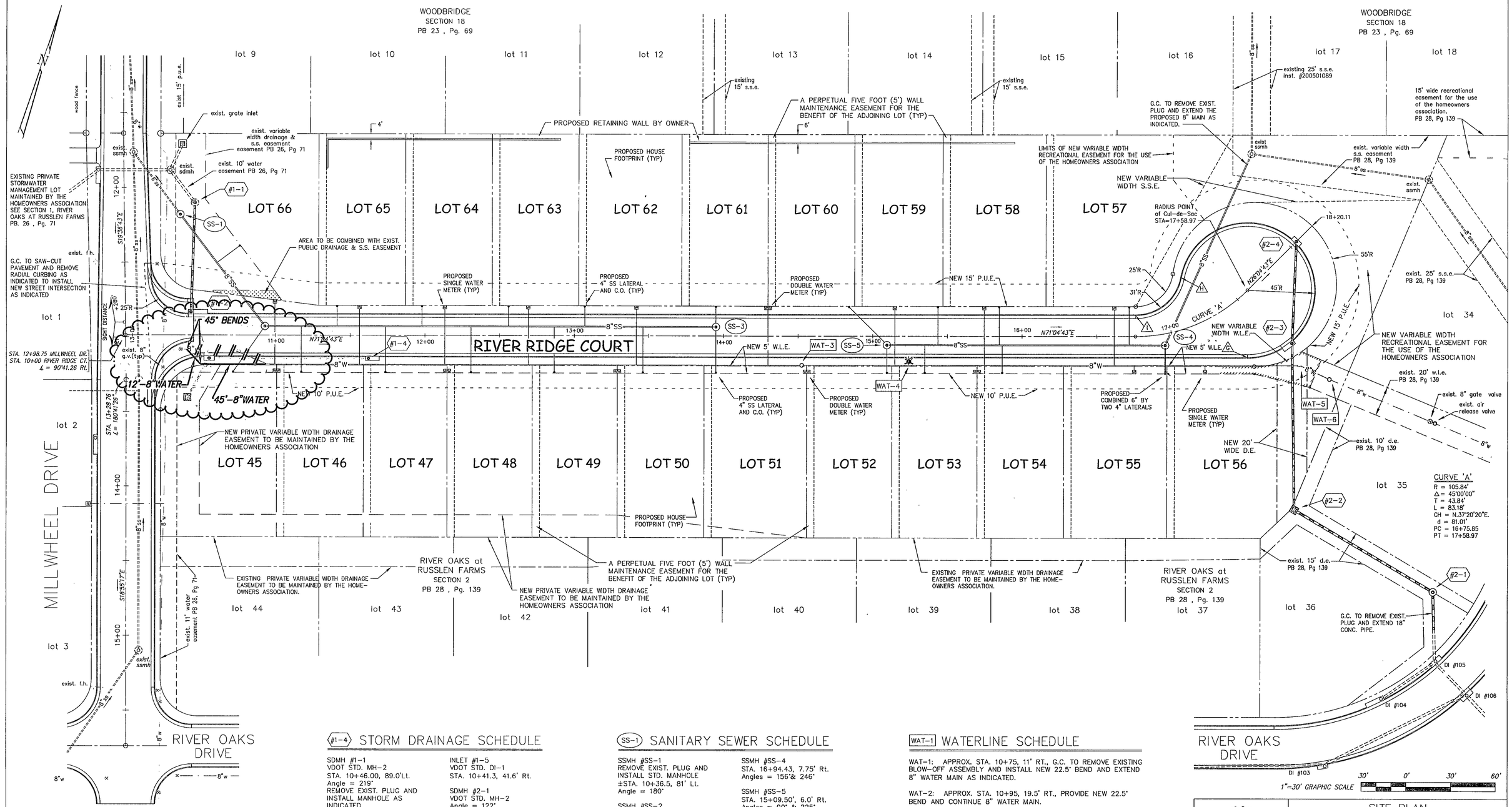

⚠ CRITICAL CONSTRUCTION LOCATIONS

PT 'A'	STA. 10+41.88, 14.00' LT	END OF RADIAL CURBING
PT 'B'	STA. 10+52.36, 14.00' RT	END OF RADIAL CURBING
PT 'G'	STA. 17+34.93, 35.45' RT.	BEGIN RADIAL CURBING
PT 'H'	STA. 17+21.48, 32.59' LT.	PT. OF REVERSE CURVES
PT 'I'	STA. 16+75.85, 14.00' LT.	BEGIN RADIAL CURBING

#1-4 STORM DRAINAGE SCHEDULE

SDMH #1-1
VDOT STD. MH-2
STA. 10+46.00, 89.0'Lt.
Angle = 219°
REMOVE EXIST. PLUG AND INSTALL MANHOLE AS INDICATED.

INLET #1-2
VDOT STD. DI-3B
THROAT = 10'
STA. 10+43.71', 15.5' Lt.
Angle = 159°

INLET #1-3
VDOT STD. DI-3C
THROAT = 8'
STA. 10+55.86, 15.5' Rt.
Angles = 111° & 231°

INLET #1-4
VDOT STD. DI-3B
THROAT = 8'
STA. 11+62.25, 15.5' Rt.

INLET #1-5
VDOT STD. DI-1
STA. 10+41.3, 41.6' Rt.

SDMH #2-1
VDOT STD. MH-2
Angle = 122°

INLET #2-2
VDOT STD. DI-7
TYPE III GRATE
Angle = 239°

INLET #2-3
VDOT STD. DI-3B
THROAT = 14'
STA. 17+56.20, 46.23' Rt.
Angle = 183°

INLET #2-4
VDOT STD. DI-3C
THROAT = 6'
STA. 18+05.33, 0.0' Rt.

SS-1 SANITARY SEWER SCHEDULE

SSMH #SS-1
REMOVE EXIST. PLUG AND INSTALL STD. MANHOLE
±STA. 10+36.5, 81' Lt.
Angle = 180°

SSMH #SS-2
STA. 10+93.03', 6.0' Lt.
Angles = 127° & 252°

SSMHH #SS-3
STA. 13+94.83, 6.0' Lt.
Angles = 90° & 180°

SSMH #SS-4
STA. 16+94.43, 7.75' Rt.
Angles = 156°& 246°

SSMH #SS-5
STA. 15+09.50', 6.0' Rt.
Angles = 90° & 225°

G.C. SHALL REFER TO THE SANITARY SEWER MANHOLE AND CLEANOUT INFORMATION PROVIDED ON SHT. C-10. THIS INFORMATION PROVIDES APPROXIMATE CLEANOUT ELEVATIONS AND MINIMUM FINISH FLOOR ELEVATIONS NECESSARY TO UTILIZE A GRAVITY LATERAL SERVICE.

WAT-1 WATERLINE SCHEDULE

WAT-1: APPROX. STA. 10+75, 11' RT., G.C. TO REMOVE EXISTING BLOW-OFF ASSEMBLY AND INSTALL NEW 22.5° BEND AND EXTEND 8" WATER MAIN AS INDICATED.

WAT-2: APPROX. STA. 10+95, 19.5' RT., PROVIDE NEW 22.5° BEND AND CONTINUE 8" WATER MAIN.

WAT-3: APPROX. STA. 14+52.5, 19.5' RT., PROVIDE AIR RELEASE VALVE AT INSTALLED HIGH POINT.

WAT-4: APPROX. STA. 15+25, 45.4' RT, PROVIDE FIRE HYDRANT ASSEMBLY

WAT-5: APPROX. STA. 17+52, 61.1' RT., PROVIDE 22.5° BEND AS REQUIRED FOR HORIZONTAL AND VERTICAL ALIGNMENTS.

WAT-6: G.C. TO REMOVE EXIST. TEMP. BLOW-OFF AND INSTALL NEW IN-LINE BLOW-OFF ASSEMBLY AND A 22.5° BEND AS REQUIRED FOR VERTICAL ALIGNMENT AND EXTEND THE PROPOSED 8" MAIN AS INDICATED.

WATERLINE AS-BUILTS FROM DRAWINGS PROVIDED BY THE CONTRACTOR

WWA ID# 6PZGCD

COMMONWEALTH OF VIRGINIA
FRANK B. CALDWELL,III
NO. 9184
PROFESSIONAL ENGINEER

SITE PLAN

THE VILLAS AT RIVER OAKS

SITUATE OFF OF MILLWHEEL DRIVE
CATAWBA MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

Designed: J.V. Judy
Checked: F.B. Caldwell
Revised: June 14, 2005
Scale: 1"=30'
Tax Parcel: 56.03-2-43.2
W.O. #: 01-0090
Notebook: Russlen Farms

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