

SANITARY SEWER
STRUCTURE SCHEDULE

- EX EXISTING MANHOLE (PROVIDE
OUTSIDE DROP
TOP = 1067.50
NEW INV = 1059.50
INV OUT = 1055.22
- 1 PROPOSED MANHOLE
TOP = 1067.25
INV IN = 1062.60
INV OUT = 1062.50
- 2 PROPOSED MANHOLE
TOP = 1080.00
INV IN = 1074.10
INV OUT = 1074.00
- 3 PROPOSED MANHOLE
TOP = 1085.50
INV OUT = 1079.03

AS-BUILT SANITARY SEWER

- TOP ELEV.=1067.51'
N. INV. IN=1060.66'
W. INV. OUT=1055.28'
E. INV. IN=1055.36'
S. INV. IN=1055.39'
SHELF=1055.86'
- SANITARY SEWER MANHOLE
TOP ELEV.=1062.15'
INV. IN=1062.45'
INV. OUT=1062.56'
SHELF=1062.97'
- SANITARY SEWER MANHOLE
TOP ELEV.=1079.94'
INV. IN=1068.12'
INV. OUT=1067.94'
SHELF=1068.68'
- SANITARY SEWER MANHOLE
TOP ELEV.=1084.5'
INV. IN=1074.95' 6" PVC
INV. OUT=1075.06'
SHELF=1074.55'

CURVE #	LENGTH	RADIUS	TANGENT	CHORD BEARING	CHORD	DELTA
C4	197.62'	225.00'	105.69	N55°58'59"W	191.33'	50°19'22"
C5	160.34'	165.00'	87.14	S53°18'21"E	154.10'	55°40'38"

LINE	BEARING	LENGTH
L10	N38°53'46"W	171.10
L16	N30°49'18"W	141.42
L17	N81°08'40"W	21.59

SANITARY SEWER LATERAL SCHEDULE

LOT NUM.	CLEANOUT ELEVATION	MIN SEWERABLE ELEVATION
1	1061.00	1063.00
2	1061.00	1063.00
3	1052.00	1054.00
4	1071.00	1073.00
5	1074.50	1076.50
6	1079.50	1082.00
7	1080.00	1083.00
8	1079.50	1082.00
9	1079.50	1082.00

NOTE: NO CONSTRUCTION/FIELD CHANGES WILL BE ALLOWED WITHOUT THE APPROVAL OF THE CONSULTING ENGINEER, ROANOKE COUNTY AND VDOT.

ANY NEW ALIGNMENTS, CHANGES IN GRADES, ALTERNATE PIPE SIZES, MANHOLES OR ESC MEASURES WILL REQUIRE A NEW SET OF PLANS STAMPED BY THE CONSULTING ENGINEER. PLAN SHEETS CAN BE 8.5" X 11" IN INFORMATION IS LEGIBLE.

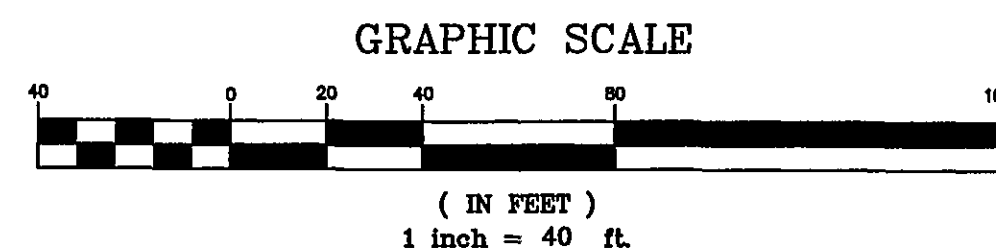
THE LOCATION OF ALL OFF-SITE FILL OR BORROW AREAS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT WILL BE PROVIDED TO ROANOKE COMMUNITY DEVELOPMENT. AN EROSION AND SEDIMENT CONTROL PLAN MAY BE REQUIRED FOR ANY OFF SITE AREAS.

A SAMPLING MANHOLE WILL BE REQUIRED FOR ALL NON-RESIDENTIAL USES.

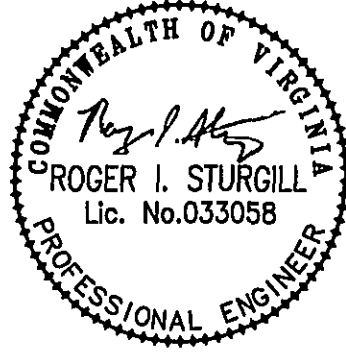
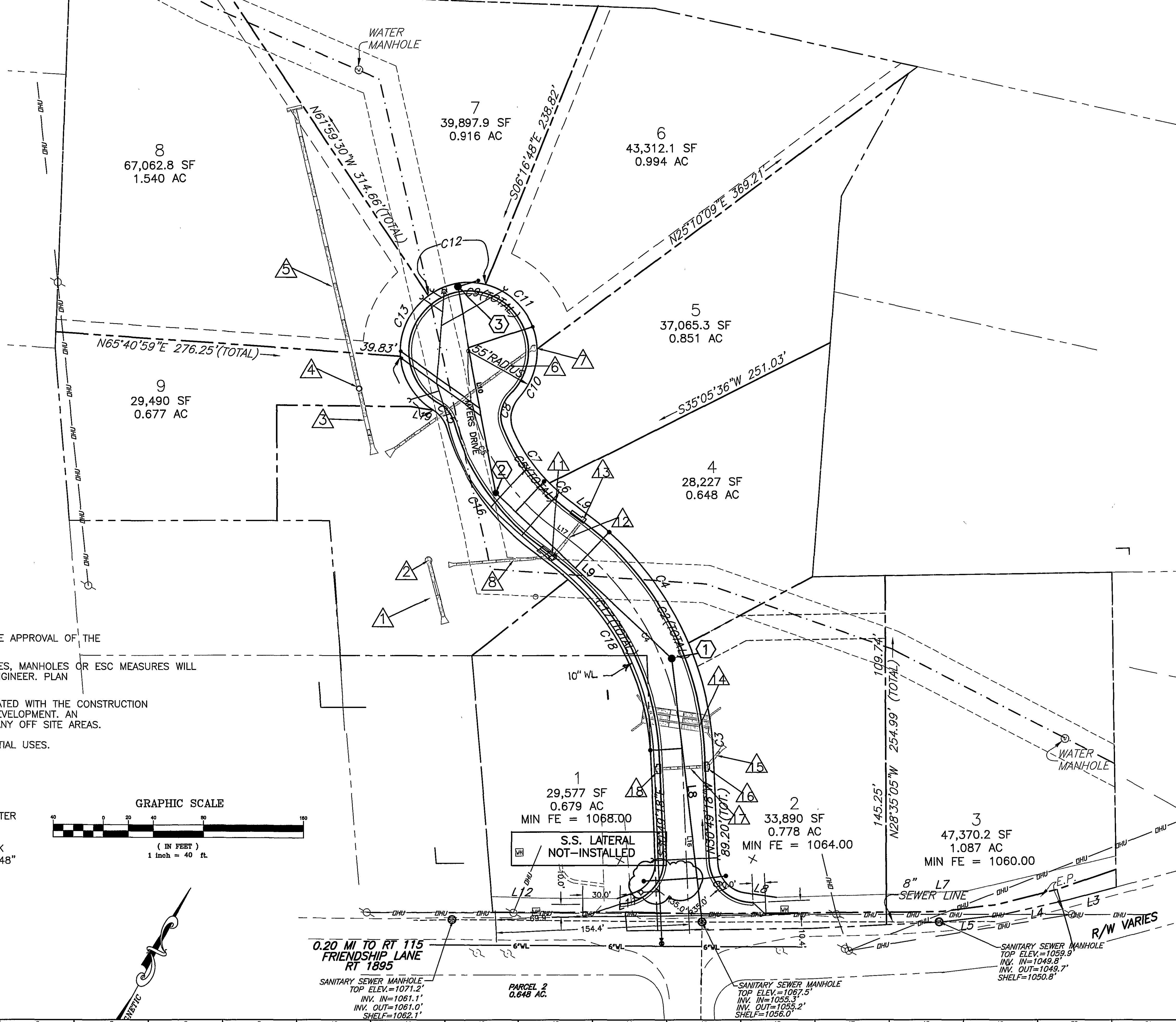
A REGISTERED GEOTECHNICAL ENGINEER MUST CERTIFY THE FOUNDATION OF THE TRIPLE 48" CULVERTS TO ENSURE IT IS ADEQUATE TO CARRY THE ANTICIPATED LOAD.

A REGISTERED GEOTECHNICAL ENGINEER MUST CERTIFY THE FOUNDATION OF AND MATERIAL FOR THE DAM OF THE STORM WATER MANAGEMENT FACILITY

A MINIMUM OF 48 HOURS NOTIFICATION MUST BE GIVEN TO MARK AYLES AT VDOT (387-5488) PRIOR TO INSTALLATION OF TRIPLE 48" CULVERTS



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(LIMITED ACCESS)
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1561 Commerce Road
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Norfolk, Virginia 24482
Phone: 540/248-5220
FAX: 540/248-3221

New Century Industrial Park
Layout and Utility Plan - AS-BUILT PLAN

Hollins District
ROANOKE COUNTY, VIRGINIA

DRAWN BY: SMH
DESIGNED BY: SMH
CHECKED BY: RIS
DATE: 2-28-05

REVISIONS:
4-15-05
5-15-05
5-27-05
6-7-05
6-8-05
7-5-05
7-29-05
5-23-08-AS-BUILT

SCALE: 1" = 40'

SHEET NO.
C3
JOB NO.
R0500002.00

New Century Industrial Park
As-Built