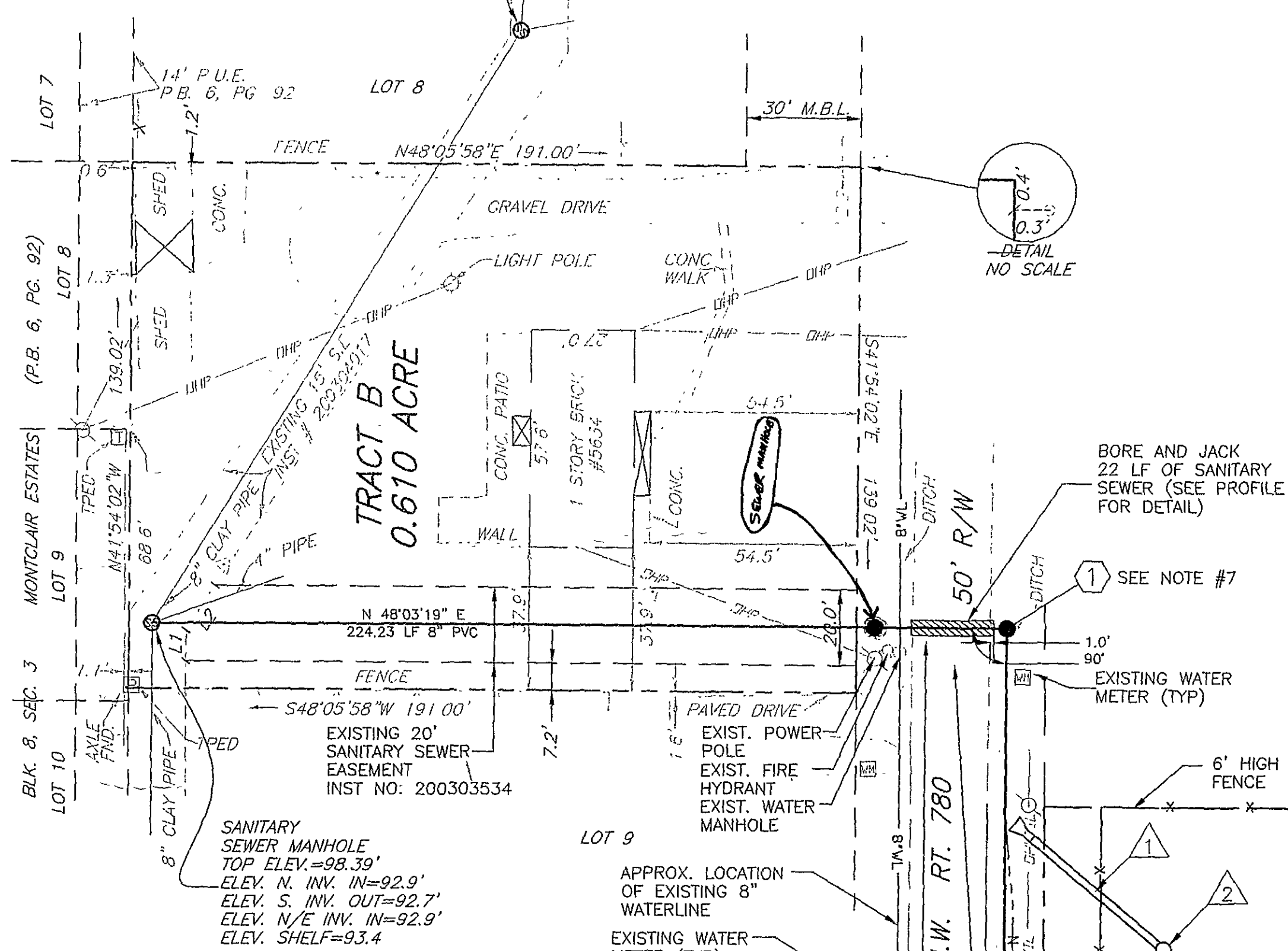
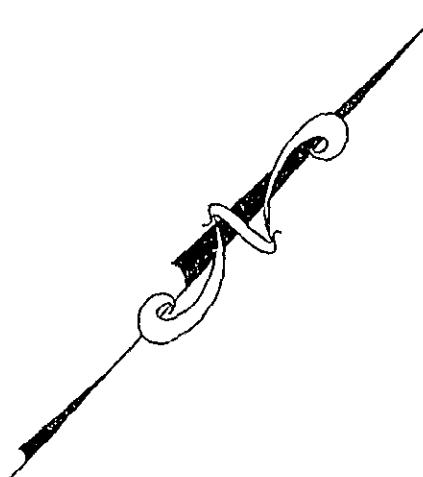


SANITARY SEWER MANHOLE
ELEV. TOP=103.61'
ELEV. N. INV. IN=94.7'
ELEV. S. INV. OUT=94.6'
ELEV. N/E INV. IN=94.8'



SITE SUMMARY

OWNER: CORCOM LLC
BARRY COMPTON
2982 EMISSARY DR.
ROANOKE, VA 24019
DEVELOPER: CORCOM LLC
BARRY COMPTON
2982 EMISSARY DR.
ROANOKE, VA 24019
TAX MAP NUMBER: 36.20-1-35&36
SIZE: 4.0 AC
ZONING: R2 - ZERO LOT LINE OPTION
MINIMUM LOT SIZE REQUIRED: 5,760 SF
MINIMUM LOT FRONTAGE REQUIRED: 48.0'
LOT FRONTAGE PROVIDED: 52'
SETBACKS: FRONT 24'
SIDE 10' (ONE SIDE)
REAR 25'
LOT COVERAGE: 50% TOTAL
40% BUILDING



STORM STRUCTURE SCHEDULE

- 1 51.31 LF 24" RCP @1.07% W/ ES-1
INV IN = 109.55
INV OUT = 109.00
- 2 48" RISER WITH DI-7 TOP
TOP = 114.50
0.30' ORIFICE INV= 119.55
0.30' ORIFICE INV= 113.30
0.42' ORIFICE INV= 112.75
- 3 43.75 LF 15" HDPE @2.95% W/ ES-1
INV IN = 112.04
INV OUT = 110.75
- 4 DI-3B 4' LENGTH
TOP = 115.15
- 5 32 LF 15" HDPE @ 0.5%
INV IN = 112.30
INV OUT = 114.14
- 6 DI-3B 4' LENGTH
TOP = 115.15
- 7 245.55 LF 15" HDPE @ 0.82%
INV IN = 114.15
INV OUT = 112.14
- 8 DI-3C 6' LENGTH
TOP = 117.47
- 9 32 LF 15" HDPE @0.50%
INV IN = 114.41
INV OUT = 114.25
- 10 DI-3C 8' LENGTH
TOP = 117.47

SANITARY SEWER STRUCTURE SCHEDULE

- EX MANHOLE
TOP = 98.39
EX. INV IN = 92.9
EX. INV OUT = 92.7
PROP. INV IN = 93.4
- 1 PROP. MANHOLE
TOP = 107.67
INV IN = 103.70
INV OUT = 103.60
- 2 PROP. MANHOLE
TOP = 112.83
INV IN = 109.10
INV OUT = 109.00
- 3 PROP. MANHOLE
TOP = 118.53
INV IN = 111.02
INV OUT = 110.92
- 4 PROP. MANHOLE
TOP = 119.55
INV OUT = 113.84

★ ALL SANITARY SEWER STRUCTURES TO
HAVE A WATER TIGHT FRAME AND COVER.

CLEANOUT AND MINIMUM SEWERABLE FLOOR CHART

LOT NUMBER	SEWER MAIN ELEVATION	CLEANOUT ELEVATION	MINIMUM SEWERABLE FLOOR
LOT 1	110.15	110.69	112.69
LOT 2	111.02	111.56	113.56
LOT 3	111.26	111.80	113.80
LOT 4	112.06	112.60	114.60
LOT 5	112.62	113.16	115.16
LOT 6	113.16	113.99	115.99
LOT 7	113.25	114.17	116.17
LOT 8	113.84	114.03	116.03
LOT 9	113.84	113.95	115.95
LOT 10	113.63	114.82	116.82
LOT 11	113.46	114.79	116.79
LOT 12	112.55	112.93	114.93
LOT 13	112.48	112.86	114.86
LOT 14	111.55	111.92	113.92
LOT 15	111.46	111.84	113.84
EX. LOT	110.75	111.13	113.13

NOTES:

- 1) CONTRACTOR TO COORDINATE RELOCATION OF UTILITY POLE WITH AEP.
- 2) CONTRACTOR TO COORDINATE ANY REQUIRED TRAFFIC CONTROL WITH VDOT. ALL APPLICABLE CODES AND REGULATIONS SHALL BE FOLLOWED.
- 3) THE EXISTING DRAINFIELD SHALL NOT BE DISTURBED UNTIL THE EXISTING HOUSE HAS BEEN PROVIDED WITH PUBLIC SEWER. THE DRAINFIELD SHALL BE REMOVED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
- 4) ALL BORE AND JACKING SHALL CONFORM TO VDOT AND ROANOKE COUNTY STANDARDS.
- 5) THIS IS A ZERO LOT LINE SUBDIVISION.
- 6) THE NEW CONNECTION TO THE EXISTING SEWER MANHOLE SHALL BE DONE BY THE CONTRACTOR WITH A COUNTY INSPECTOR ON SITE. THE CONTRACTOR SHALL ALSO EXCAVATE TO THE BASE OF THE EXISTING MANHOLE, SHORE PER OSHA REQUIREMENTS, AND PROVIDE A CENTER MARK ON THE SIDE OF THE MANHOLE FOR THE TAP. THIS WORK SHOULD BE COORDINATED AT THE PRE-CONSTRUCTION MEETING.
- 7) A PLUGGED STUB SHALL BE INSTALLED AT THE INLET SIDE OF MANHOLE #1. PLUG AND STUB WILL BE REMOVED ONCE THE REMAINDER OF PIPE IS INSTALLED.
- 8) EACH LOT WILL REQUIRE INDIVIDUAL PRESSURE REDUCING VALVES PER WDD-03 OF THE ROANOKE COUNTY WATER AND SEWER REGULATIONS 3RD EDITION.

N/F
ANTHONY CAUDLE AND APRIL CAUDLE
INSTR. #200213475
TAX PARCEL #36.20-1-37

900' TO AMBASSADOR DR. RT 1724
NOTE: THIS AREA NEEDS TO BE DUCTILE IRON OR EXTEND THE SLEEVE UNDER FOUR RD. CROSSING.

BORE AND JACK 22 LF OF WATER LINE (SEE PROFILE FOR DETAIL)

RELOCATE POWER POLE (SEE NOTE THIS SHEET)

RELOCATED POWERPOLE

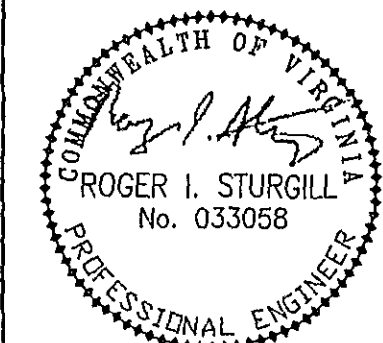
800' TO GREEN RIDGE RD RT 780

REPLACE 12" CMP WITH A 15" HDPE PIPE AND (2) ES-1 IMPROVE DITCH AS REQUIRED TO ACCOMMODATE NEW PIPE

EX. ELEV. INV. IN=94.7'
EX. ELEV. INV. IN=94.6'

EX. 12" CMP HEAVILY SILLED

USED TO USE DUCTILE IRON WATER MAIN BENEATH ALL PAVEMENT AREAS (NO PVC BENEATH PAVEMENT AREAS) - PER ROGER BUNNERSHUB



PLANNERS • ARCHITECTS
ENGINEERS • SURVEYORS

1208 Corporate Circle
Roanoke, Virginia 24018
Phone: 540/772-8580
FAX: 540/772-8050

501 Branchway Road
Richmond, Virginia 23228
Phone: 804/784-0271
FAX: 804/794-2635

880 Technology Park Drive
Suite 200
Glen Allen, Virginia 23059
Phone: 804/653-0132
FAX: 804/653-0132

102 Hubbard Street
Blacksburg, Virginia 24050
Phone: 540/681-0261
FAX: 540/681-0262

1557 Commerce Road
Suite 201
Verona, Virginia 24482
Phone: 640/248-3220
FAX: 640/248-3221

GLEN HAVEN SUBDIVISION

Layout and Utility Plan

CATAWBA MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

DRAWN BY: SMH
DESIGNED BY: SMH
CHECKED BY: RIS
DATE: 3/13/03
REVISIONS:
5-29-03
9-8-03
9-29-03
11-17-03
12-18-03
1-12-04
3-12-04

SCALE: 1"=30'
SHEET NO.

2 OF 6

JOB NO.
R0300022.00

AS - BUILT

WWW.ID#6HZGNM

S.C. ROSSI & CO., INC.
AS-BUILTS
DATE: 7-28-05
SIGN: *Antonia M...*

N/F
ANTHONY CAUDLE AND APRIL CAUDLE
INSTR. #200213475
TAX PARCEL #36.20-1-37