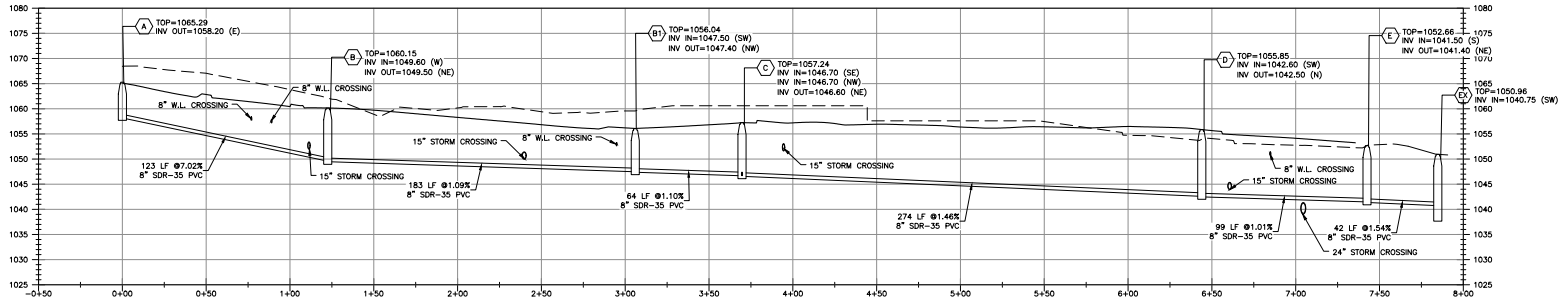
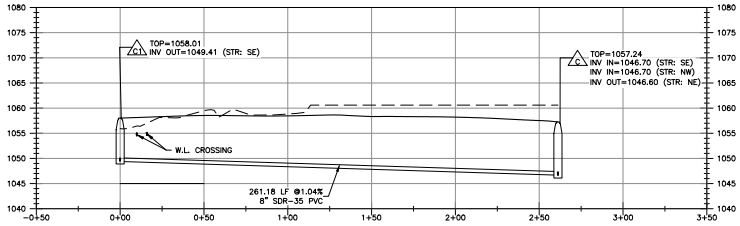
SANITARY SEWER (A-EX) PROFILE



SANITARY C1-C PROFILE



SANITARY SEWER SCHEDULE:

BLDG. 2 – A: 123 LF OF 6" SDR-35 AT 7.02% (INV. AT BLDG. 2 1059.60)

A: S.S. M.H. PRIVATE TOP=1065.29 INV.=1058.2

A–B: 123 LF OF 8" SDR-35 AT 7.02%

B: S.S. C.O. PRIVATE (TRAFFIC-BEARING LID) TOP=1060.15 INV. IN=1049.60 INV. OUT=1049.50

BLDG. 8 – B (LAT. B): 177 LF OF 6" SDR-35 AT 1.36% (INV. AT BLDG. 8 1052.00)

BLDG.7–LAT.B: 39 LF OF SDR-35 AT 13.70% (INV. AT BLDG. 7 1056.00)

B–B1: 183 LF OF 8" SDR-35 AT 1.09%

B1: S.S. M.H. PRIVATE TOP=1056.04 INV. IN=1047.5 INV. OUT=1047.4

B1 – C: 64 LF OF 8" SDR-35 AT 1.10%

C: S.S. M.H. PRIVATE TOP=1057.24 INV. IN=1046.70 (2) INV. OUT=1046.60

CARWASH – C1 (LAT. C1): 198 LF OF 6" SDR-35 AT 1.04% (INV. AT CARWASH 1051.57)

BLDG. 1 – C1: 45 LF OF 8" SDR-35 AT 13.5%

C1: S.S. M.H. PRIVATE TOP=1058.01 INV. IN=1049.51 INV. OUT=1049.41

C1 – C: 261 LF OF 8" SDR-35 AT 1.04%

BLDG.3–LAT.C1: 37 LF OF 6" SDR-35 AT 5.32% (INV. AT BLDG. 3 1052.00) (INV. OUT: 1050.03

BLDG.6–(C1–C): 42 LF OF 6" SDR-35 AT 13.22% (INV. AT BLDG. 6 1053.5) (INV. OUT: 1047.95)

CLUB–(C1–C): 43 LF OF 6" SDR-35 AT 18.84% (INV. AT CLUBHOUSE 1055.6)

C – D: 274 LF OF 8" SDR-35 AT 1.46%

D: S.S. M.H. PRIVATE TOP=1055.85 INV. IN=1042.60 INV. OUT=1042.50

BLDG. 4–(C–D): 15 LF OF 6" SDR-35 AT 20.00% (INV. AT BLDG. 4 1046.16)

BLDG. 5–(C–D): 6 LF OF 6" SDR-35 AT 20.00% (INV. AT BLDG. 5 1045.50)

D – E: 99 LF OF 8" SDR-35 AT 1.01%

E: S.S. M.H. PUBLIC TOP=1052.66 INV. IN=1041.50 INV. OUT=1041.40

E – EX: 42 LF OF 8" SDR-35 AT 1.54%

EX: S.S. INSIDE DROP M.H. PUBLIC TOP=1051.63 INV. IN=1040.75 INV. OUT=1033.00 (APPROX.)

NOTES:
1. G.C. TO CONFIRM & COORDINATE THE BUILDING TIE-IN LOCATION AND ELEVATION WITH M.E.P. AND ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION OF MAIN OR LATERAL.
2. G.C. TO CONFIRM THE TIE-IN LOCATION AND ELEVATION TO THE EXISTING MANHOLE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. G.C. SHALL CORE DRILL THE EXISTING MANHOLE AND PROVIDE A FLEXIBLE BOOT CONNECTION FOR THE PROPOSED CONNECTION.

10 0 10 20 30
VERTICAL SCALE: 1" = 10'

30 0 30 60 90
HORIZONTAL SCALE: 1" = 30'

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2/2/2021
PROFESSIONAL ENGINEER

THE VIEW AT BLUE RIDGE COMMONS

2801 HERSHBERGER ROAD NW

UTILITY PROFILES III

CITY OF ROANOKE, VIRGINIA

DRAWN BY	SMD
DESIGNED BY	BTC
CHECKED BY	BTC
DATE	5/6/2020
SCALE	AS SHOWN
REVISIONS	
6/15/2020	
11/9/2020	
F.R. #1 - 11/2/2020	

C16

PROJECT NO. 04200005.00