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THE VIEW AT BLUE RIDGE COMMONS
2801 HERSHBARGER ROAD NW
UTILITY PROFILES 1

DRAWN BY SMD
DESIGNED BY BTC
CHECKED BY BTC
DATE 5/6/2020
SCALE AS SHOWN

REVISIONS
6/15/2020

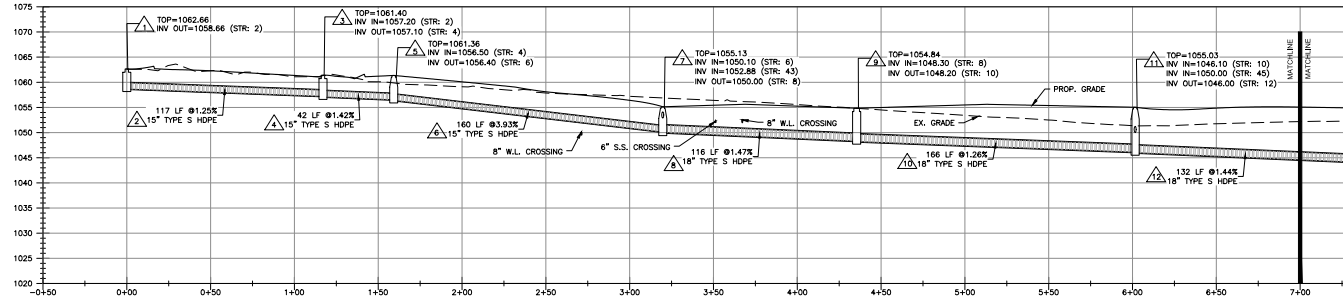
7/6/2020

FR #1-11/2/2020

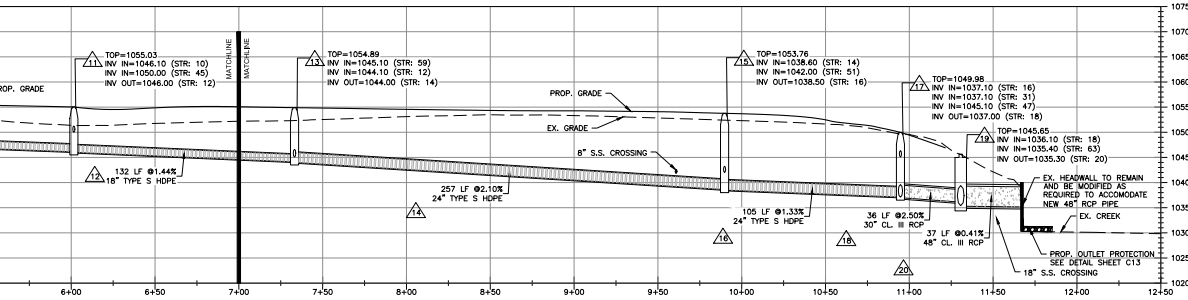
FR #2-2/20/2021

C14
PROJECT NO. 04200003.00

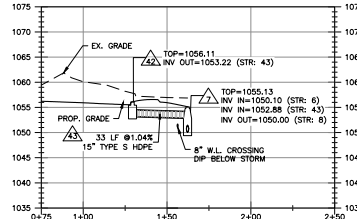
STORM 1-21 PROFILE



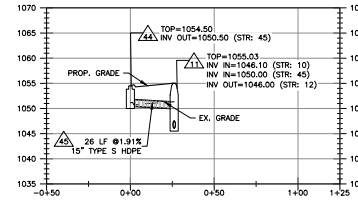
STORM 1-21 PROFILE



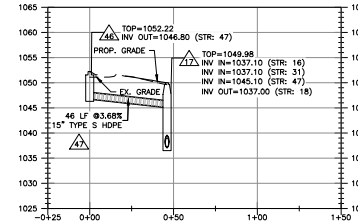
STORM 42-7 PROFILE



STORM 44-11 PROFILE



STORM 46-17 PROFILE



VERTICAL SCALE: 1" = 10'

HORIZONTAL SCALE: 1" = 30'

STORM STRUCTURE SCHEDULE

- △ VDOT STD DI-3C CURB INLET (6" THROAT)
TOP:1002.66
INV. OUT:1058.66 (STR. 2)
- △ 117 LF OF 15" TYPE S HDPE PIPE AT 1.228'
- △ VDOT STD DI-3C CURB INLET (6" THROAT)
TOP:1061.40
INV. IN:1057.20 (#2)
INV. OUT:1057.10 (#2)
- △ 43 LF OF 6" SCH. 40 PVC PIPE AT 6.032 W/1 NYLOPLAST YARD INLET W/ 12"x12" CAST IRON GRATE TOP
TOP:1063.50
INV. IN:1061.00
INV. OUT:1057.20
- △ 42 LF OF 15" TYPE S HDPE PIPE AT 1.428'
- △ VDOT STD MH-2
TOP:1061.36
INV. IN:1056.50 (#4)
INV. OUT:1056.40 (#6)
- △ 180 LF OF 15" TYPE S HDPE PIPE AT 3.935'
- △ VDOT STD MH-2
TOP:1050.13
INV. IN:1050.10 (#6)
INV. IN:1050.88 (#43)
INV. OUT:1050.00 (#8)
- △ 116 LF OF 18" TYPE S HDPE PIPE AT 1.472'
- △ VDOT STD DI-1 GRATE INLET
TOP:1054.84
INV. IN:1048.30 (#9)
INV. OUT:1048.20 (#10)
- △ 166 LF OF 18" TYPE S HDPE PIPE AT 1.263'
- △ VDOT STD MH-2
TOP:1055.03
INV. IN:1046.10 (#10)
INV. IN:1050.00 (#40)
INV. OUT:1048.00 (#12)
- △ 269 LF OF 6" SCH. 40 PVC PIPE AT 2.008 W/1 NYLOPLAST YARD INLET W/ 12"x12" CAST IRON GRATE TOP
TOP:1056.37
INV. IN:1051.38
INV. OUT:1046.10
- △ 132 LF OF 18" TYPE S HDPE PIPE AT 1.444'
- △ VDOT STD MH-2
TOP:1054.89
INV. IN:1044.10 (#9)
INV. IN:1044.10 (#12)
INV. OUT:1044.00 (#14)
- △ 257 LF OF 24" TYPE S HDPE PIPE AT 5.106'
- △ VDOT STD MH-2
TOP:1053.76
INV. IN:1042.00 (#51)
INV. IN:1038.50 (#16)
INV. OUT:1038.50 (#16)
- △ 105 LF OF 24" TYPE S HDPE PIPE AT 1.333'
- △ VDOT STD MH-2
TOP:1049.98
INV. IN:1037.10 (#18)
INV. IN:1037.10 (#21)
INV. OUT:1037.00 (#18)
- △ 36 LF OF 30" CLASS III RCP PIPE AT 2.506'
- △ VDOT STD DI-3B CURB INLET W/ 72" MANHOLE (6" THROAT)
TOP:1040.65
INV. IN:1036.10 (#18)
INV. IN:1035.40 (#63)
INV. OUT:1035.30 (#20)
- △ 37 LF OF 48" CLASS III RCP PIPE AT 0.416'
- △ EX. END-WALL SECTION TO BE MODIFIED
INV. OUT:1035.10
- △ VDOT STD DI-1 GRATE INLET
TOP:1060.09
INV. IN:1056.00 (#50)
INV. IN:1052.55 (#22A)
INV. IN:1052.55 (#22B)
INV. OUT:1052.45 (#23)
- △ 63 LF OF 6" SCH. 40 PVC PIPE AT 1.008 W/5 NYLOPLAST YARD INLET W/ 12"x12" CAST IRON GRATE TOP
TOP:1060.51
INV. IN:1056.50
INV. OUT:1052.55
- △ 245 LF OF 6" SCH. 40 PVC PIPE AT 1.008 W/5 NYLOPLAST YARD INLET W/ 12"x12" CAST IRON GRATE TOP
TOP:1056.19
INV. IN:1055.00
INV. OUT:1052.55
- △ 119 LF OF 15" TYPE S HDPE PIPE AT 1.026'
- △ VDOT STD MH-2
TOP:1058.98
INV. IN:1051.20 (#23)
INV. IN:1054.10 (#10)
INV. OUT:1051.10 (#25)
- △ 102 LF OF 15" TYPE S HDPE PIPE AT 1.968'
- △ VDOT STD DI-3C CURB INLET (6" THROAT)
TOP:1055.50
INV. IN:1049.10 (#23)
INV. OUT:1049.00 (#27)
- △ 51 LF OF 18" TYPE S HDPE PIPE AT 1.788'
- △ VDOT STD DI-3B CURB INLET (6" THROAT)
TOP:1051.78
INV. IN:1039.35 (#29)
INV. IN:1039.25 (#37)
INV. OUT:1039.20 (#31)
- △ 222 LF OF 30" TYPE S HDPE PIPE AT 0.976'
- △ VDOT STD DI-3B CURB INLET (6" THROAT)
TOP:1050.38
INV. OUT:1043.00 (#33)
- △ 43 LF OF 15" TYPE S HDPE PIPE AT 4.685'
- △ VDOT STD DI-3B CURB INLET (6" THROAT)
TOP:1044.72
INV. IN:1041.00 (#33)
INV. OUT:1040.90 (#35)
- △ 57 LF OF 18" TYPE S HDPE PIPE AT 0.533'
- △ VDOT STD DI-3B CURB INLET (6" THROAT)
TOP:1044.92
INV. IN:1040.60 (#35)
INV. OUT:1040.50 (#37)
- △ 86 LF OF 18" TYPE S HDPE PIPE AT 0.875'
- △ VDOT STD DI-3C CURB INLET (6" THROAT)
TOP:1057.33
INV. IN:1052.90 (#38B)
INV. OUT:1052.80 (#39)
- △ VDOT STD DI-3C CURB INLET (6" THROAT)
TOP:1057.56
INV. IN:1053.60 (#38B)
INV. OUT:1053.60 (#38B)
- △ 73 LF OF 15" TYPE S HDPE PIPE AT 0.968'
- △ 92 LF OF 15" TYPE S HDPE PIPE AT 0.876'
- △ VDOT STD DI-3B CURB INLET (6" THROAT)
TOP:1057.27
INV. IN:1052.00 (#39)
INV. OUT:1051.90 (#41)
- △ 108 LF OF 15" TYPE S HDPE PIPE AT 1.878'
- △ VDOT STD DI-3B CURB INLET (6" THROAT)
TOP:1054.20
INV. IN:1050.50 (#45)
- △ 28 LF OF 15" TYPE S HDPE PIPE AT 1.913'
- △ VDOT STD DI-3B CURB INLET (6" THROAT)
TOP:1054.20
INV. IN:1050.50 (#45)
- △ 48 LF OF 15" TYPE S HDPE PIPE AT 3.668'
- △ VDOT STD DI-1 GRATE INLET
TOP:1055.00
INV. OUT:1051.00 (#49)
- △ 37 LF OF 15" TYPE S HDPE PIPE AT 2.728'
- △ VDOT STD MH-2
TOP:1056.12
INV. IN:1050.00 (#49)
INV. IN:1050.00 (#50A/B)
INV. OUT:1048.00 (#61)
- △ 76 LF OF 6" SCH. 40 PVC PIPE AT 3.048 W/2 NYLOPLAST YARD INLET W/ 12"x12" CAST IRON GRATE TOP
TOP:1056.22
INV. IN:1052.31
INV. OUT:1050.00
- △ 148 LF OF 6" SCH. 40 PVC PIPE AT 16.002 W/2 NYLOPLAST YARD INLET W/ 12"x12" CAST IRON GRATE TOP
TOP:1056.37
INV. IN:1052.37
INV. OUT:1050.00
- △ 131 LF OF 15" TYPE S HDPE PIPE AT 6.018'
- △ VDOT STD DI-3B CURB INLET (6" THROAT)
TOP:1051.06
INV. IN:1051.10 (#52A)
INV. OUT:1051.00 (#53)
- △ 68 LF OF 6" SCH. 40 PVC PIPE AT 1.658 W/2 NYLOPLAST YARD INLET W/ 12"x12" CAST IRON GRATE TOP
TOP:1056.22
INV. IN:1052.22
INV. OUT:1051.10
- △ 147 LF OF 15" TYPE S HDPE PIPE AT 1.298'
- △ VDOT STD MH-2
TOP:1057.29
INV. IN:1050.62 (EX. 12" RCP)
INV. IN:1050.47 (#55)
INV. IN:1048.20 (#56A)
INV. OUT:1048.10 (#57)
- △ 244 LF OF 6" SCH. 40 PIPE AT 2.278 W/4 NYLOPLAST YARD INLET W/ 12"x12" CAST IRON GRATE TOP
TOP:1057.76
INV. IN:1053.76
INV. OUT:1048.20
- △ 71 LF OF 18" TYPE S HDPE PIPE AT 1.468'
- △ VDOT STD MH-2
TOP:1056.66
INV. IN:1046.90 (#57)
INV. IN:1046.90 (#58A)
INV. IN:1046.90 (#58B)
INV. OUT:1046.80 (#59)
- △ 12 LF OF 6" SCH. 40 PIPE AT 45.008 W/1 NYLOPLAST YARD INLET W/ 12"x12" CAST IRON GRATE TOP
TOP:1056.88
INV. IN:1052.80
INV. OUT:1046.90
- △ 51 LF OF 6" SCH. 40 PIPE AT 8.048 W/1 NYLOPLAST YARD INLET W/ 12"x12" CAST IRON GRATE TOP
TOP:1055.01
INV. IN:1051.00
INV. OUT:1046.90
- △ 120 LF OF 18" TYPE S HDPE PIPE AT 1.411'
- △ VDOT STD MH-2
TOP:1060.68
INV. IN:1055.37 (6" SCH. 40)
INV. OUT:1055.27 (#61)
- △ 70 LF OF 6" SCH. 40 PIPE AT 2.808 W/1 NYLOPLAST YARD INLET W/ 12"x12" CAST IRON GRATE TOP
TOP:1062.0
INV. IN:1058.00
INV. OUT:1056.0 (STR. 22)
- △ 35 LF OF 15" TYPE S HDPE PIPE AT 3.335'
- △ VDOT STD DI-3B CURB INLET W/ 60" MANHOLE (6" THROAT)
TOP:1047.24
INV. IN:1035.70
INV. APPROX. 1035.70 (EX. 30" RCP)
INV. OUT:1035.60 (#63)
- △ 27 LF OF 48" CLASS III RCP PIPE AT 0.748'

- NOTES:
1. VDOT STD IS-1 INLET SHAPING SHALL BE PROVIDED IN ALL PROPOSED STRUCTURES
 2. NON-SHARP GRADUALLY BE USED FOR ALL STORM SEWER PIPE CONNECTIONS.
 3. STORM SEWER LOCATED IN PUBLIC RIGHT OF WAY OF PETERS CREEK ROAD, IS REQUIRED TO HAVE WATER TIGHT, GASKETED JOINTS.