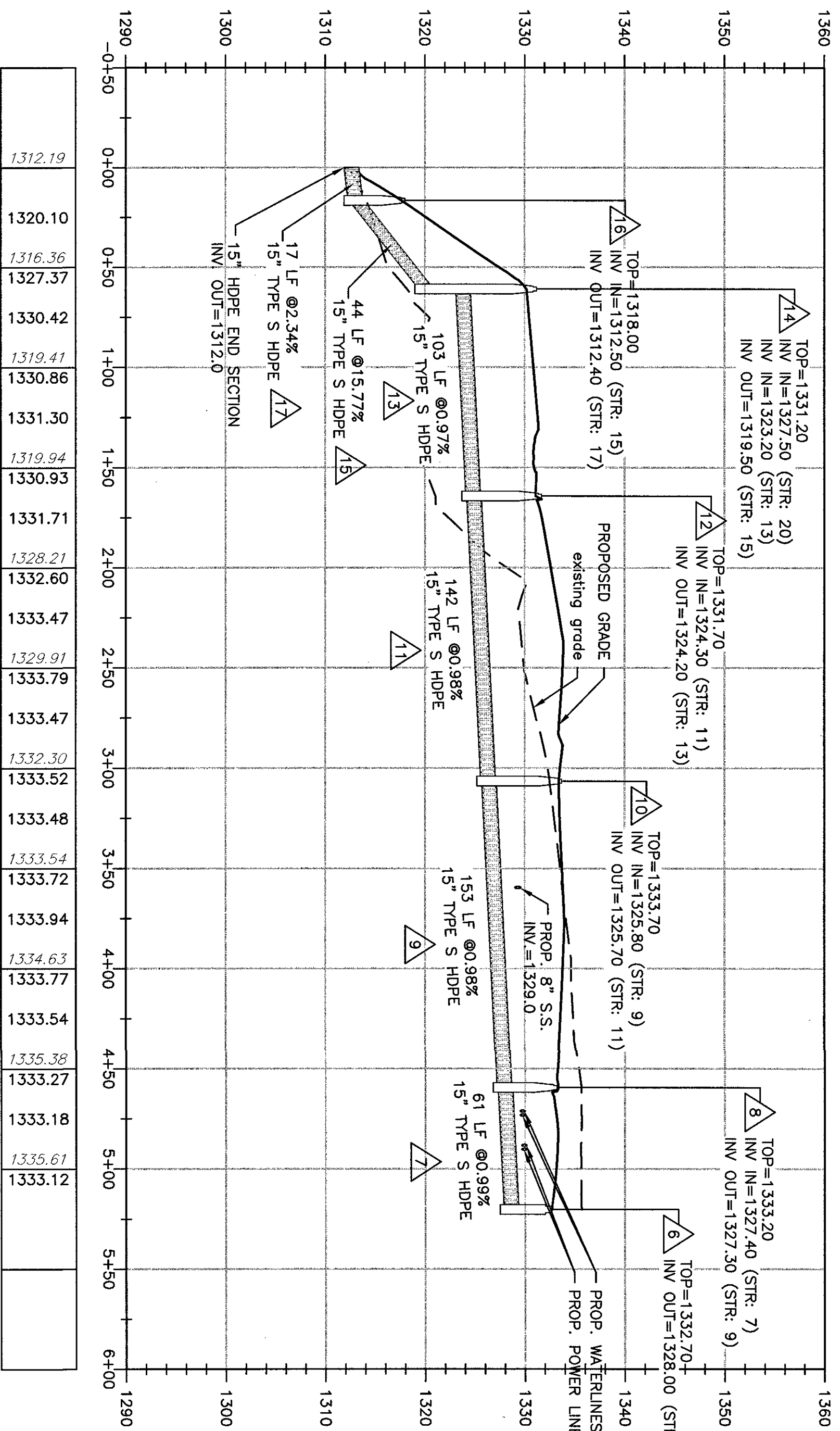
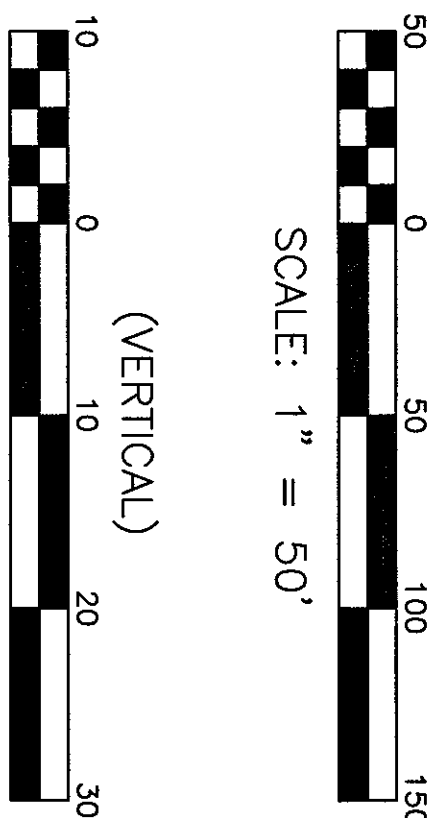


STORM SEWER STR. 6-14 PROFILE



(HORIZONTAL)



1
VDO T'D DI-3C
6' THROAT
TOP=1335.3
INV. IN=1328.1 (STR. #18)
INV. OUT=1328.0 (STR. #2)

- [illegible]

- | | | |
|----|---|--|
| | △ | VNOT STD DI-3C
6' THROAT
TOP=1333.3
INV. N=1328.1 (STR. #18)
INV. OUT=1339.7 (STR. #2) |
| 2 | △ | 122 LF OF 15" TYPE S HOPE
PIPE AT 1.08% |
| 3 | △ | VNOT STD DI-3C
6' THROAT
TOP=1332.4
INV. N=1327.5 (STR. #21)
INV. N=1326.7 (STR. #2)
INV. OUT=1326.6 (STR. #4) |
| 4 | △ | 37 LF OF 15" TYPE S HOPE
PIPE AT 1.08% |
| 5 | △ | VNOT STD MH-2
TOP=1320.6
INV. N=1326.2 (STR. #4)

INV. OUT IS BASED ON PLAN ELEVATIONS, G.C. SHALL LOCATE END OF EX. PIPE AND VERIFY INVERT PRIOR TO CONSTRUCTION.
INV. OUT=1323.5 (EX. PIPE) |
| 6 | △ | VNOT STD DI-1
TOP=1322.7
INV. OUT=1328.0 (STR. #7) |
| 7 | △ | 61 LF OF 15" TYPE S HOPE
PIPE AT 0.98% |
| 8 | △ | VNOT STD DI-3C
6' THROAT
TOP=1333.2
INV. N=1327.4 (STR. #7)
INV. OUT=1327.3 (STR. #9) |
| 9 | △ | 153 LF OF 15" TYPE S HOPE
PIPE AT 0.98% |
| 10 | △ | VNOT STD DI-3C
6' THROAT
TOP=1333.7
INV. N=1325.8 (STR. #9)
INV. OUT=1325.7 (STR. #11) |
| 11 | △ | 142 LF OF 15" TYPE S HOPE
PIPE AT 0.98% |
| 12 | △ | VNOT STD DI-3C
6' THROAT
TOP=1331.7
INV. N=1324.3 (STR. #11)
INV. OUT=1324.2 (STR. #13) |
| 13 | △ | 103 LF OF 15" TYPE S HOPE
PIPE AT 0.97% |
| 14 | △ | VNOT STD DI-3C
6' THROAT
TOP=1331.7
INV. N=1327.5 (STR. #20)
INV. N=1327.2 (STR. #3)
INV. OUT=1519.5 (STR. #15) |
| 15 | △ | 44 LF OF 15" TYPE S HOPE
PIPE AT 15.77% |
| 16 | △ | VNOT STD MH-2
TOP=1318.0
INV. N=1312.5 (STR. #15)
INV. OUT=1312.4 (STR. #17) |
| 17 | △ | 17 LF OF 15" TYPE S HOPE
PIPE AT 2.34% |
| 18 | △ | 145 LF OF 6" SCH. 40 P/C AT MIN.
2% SLOPE W/ (.2) CLEAVOUS
INV. OUT=1328.1 (STR. #1) |
| 19 | △ | 66 LF OF 4" SCH. 40 P/C AT MIN.
2% SLOPE W/ CLEANOUT |
| 20 | △ | 195 LF OF 12" SCH. 40 P/C AT MIN.
2% SLOPE W/ (.3) CLEAVOUS
INV. OUT=1327.5 (STR. #14) |
| 21 | △ | 92 LF OF 6" SCH. 40 P/C AT MIN.
2% SLOPE W/ (.1) CLEANOUT
INV. OUT=1327.5 (STR. #3) |

1. ALL PIPE CONNECTIONS TO STRUCTURES SHALL BE IN ACCORDANCE WITH VDOT STANDARDS.
2. ALL PIPE BEDDING AND BACKFILL SHALL BE PER VDOT PB-1 DETAIL.
3. ALL MATERIALS AND METHODS FOR STORM DRAINAGE INSTALLATION SHALL BE IN ACCORDANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS AND SPECIFICATIONS, LATEST EDITION.

ALL VERTICAL BUILDING DOWNSPOUTS SHALL BE TRANSITIONED TO UNDERGROUND HORIZONTAL PIPING IN SCH. 40 PVC PER BLDG CODE. MINIMUM SLOPE OF 2% W.I. THE CONVEYANCE SYSTEM. HORIZONTAL ROOFLEADER PIPE SHALL TIE DIRECTLY TO AN UNDERGROUND STORM SEWER SYSTEM/INLET FOR CONVEYANCE.

DOWNSPOUT CONNECTION DETAIL

N.T.S.

2016 ROAD & BRIDGE STANDARDS

SHEET NO. C09

JOB NO. 03170044.00

BOTETOURT FAMILY YMCA

PROFILES

**AMSTERDAM DISTRICT
BOTETOURT COUNTY, VIRGINIA**