

SITE GRADING NOTES:

1. NO CONSTRUCTION/FIELD CHANGES WITHOUT THE APPROVAL OF THE CONSULTING ENGINEER, WWA, VDOT, AND COUNTY OF ROANOKE.
2. CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES WITH EXISTING UTILITIES ARE LOCATED DURING THE GRADING PROCESS FOR THE SITE PRIOR TO PROCEEDING WITH ANY FURTHER WORK.
4. PROPERTY IS NOT LOCATED WITHIN A FEMA DEFINED FLOOD ZONE.
5. G.C. SHALL BE RESPONSIBLE FOR CONFIRMING THE PAVEMENT TIE IN LOCATIONS & ELEVATIONS PRIOR TO ANY CONSTRUCTION TO CONFIRM EXISTING CONDITIONS. G.C. SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY QUESTIONS/CONCERNS OR DISCREPANCIES FOUND ON-SITE.
6. SIDEWALK CROSS SLOPE MUST BE 1% MIN & 2% MAX.

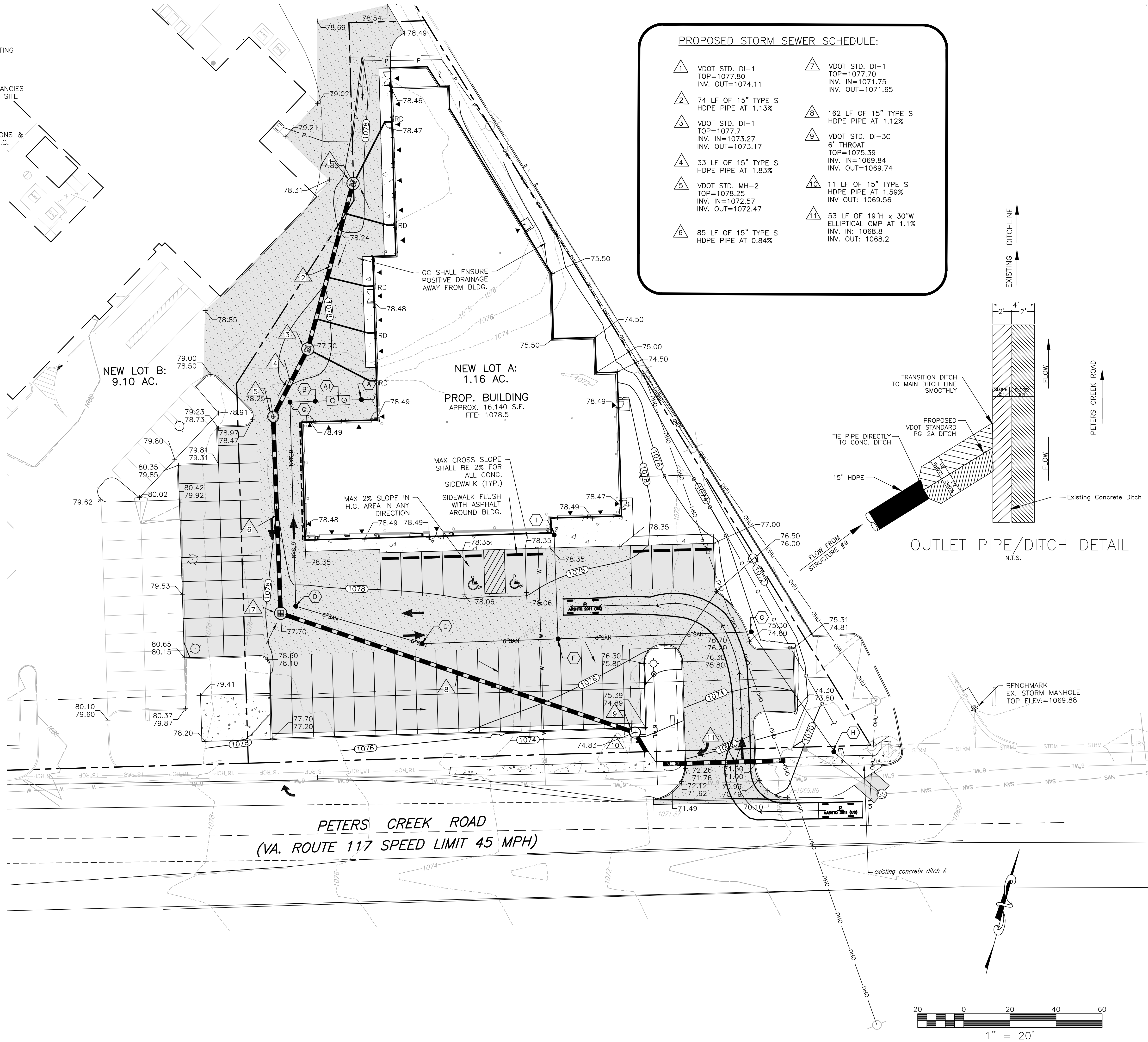
SANITARY SEWER SCHEDULE:

- A 6" S.S. CLEANOUT - PRIVATE W/ TRAFFIC BEARING LID
TOP=1078.37
INV.=1074.2
- A-A1 5' OF 6" SDR-35 @ 1.50%
- A1 OIL/WATER SEPARATOR W/ WATER LOADING TOPS
TOP=1078.32
INV=1074.15
- A1-B 5' OF 6" SDR-35 @ 4.6%
- B 6" S.S. CLEANOUT - PRIVATE W/ TRAFFIC BEARING LID
TOP=1078.26
INV.=1073.90
- B-C 11' OF 6" SDR-35 @ 1.50%
- C 6" S.S. CLEANOUT - PRIVATE W/ TRAFFIC BEARING LID
TOP=1078.19
INV.=1073.74
- C-D 89' OF 6" SDR-35 @ 1.50%
- D 6" S.S. CLEANOUT - PRIVATE W/ TRAFFIC BEARING LID
TOP=1077.83
INV.=1072.41
- D-E 57' OF 6" SDR-35 @ 1.50%
- E 6" S.S. CLEANOUT - PRIVATE W/ TRAFFIC BEARING LID
TOP=1077.40
INV.=1071.56
- E-F 59' OF 6" SDR-35 @ 1.50%
- F 6" S.S. CLEANOUT - PRIVATE W/ TRAFFIC BEARING LID
TOP=1076.72
INV.=1070.67
- F-G 84' OF 6" SDR-35 @ 1.50%
- G 6" S.S. CLEANOUT - PRIVATE
TOP=1074.90
INV.=1069.41
- G-H 63' OF 6" SDR-35 @ 6.39%
- H 6" S.S. CLEANOUT - PUBLIC
TOP=1068.98
INV.=1065.35
- H-EX 28' OF 6" SDR-35 @ 1.5%
- I 6" S.S. CLEANOUT - PRIVATE
TOP=1078.47
INV.=1074.2
- I-F 46' OF 6" SDR-35 @ 7.67%

(G.C. TO CONFIRM & COORDINATE ALL TIE IN LOCATIONS W/M.E.P. & ARCH. DRAWINGS PRIOR TO ANY INTERIOR OR EXTERIOR S.S. PIPE BEING INSTALLED. NOTIFY ENGINEER IMMEDIATELY IF DISCREPANCIES ARE DISCOVERED PRIOR TO ANY CONSTRUCTION)

PROPOSED STORM SEWER SCHEDULE:

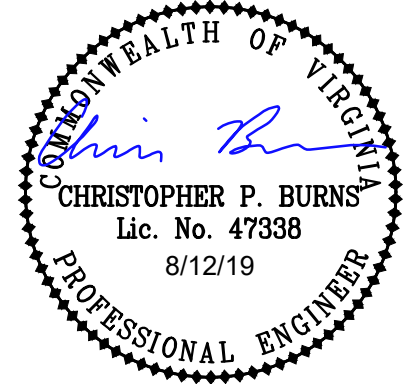
- 1 VDOT STD. DI-1
TOP=1077.80
INV. OUT=1074.11
- 2 74 LF OF 15" TYPE S
HDPE PIPE AT 1.13%
- 3 VDOT STD. DI-1
TOP=1077.7
INV. IN=1073.27
INV. OUT=1073.17
- 4 33 LF OF 15" TYPE S
HDPE PIPE AT 1.83%
- 5 VDOT STD. MH-2
TOP=1078.25
INV. IN=1072.57
INV. OUT=1072.47
- 6 85 LF OF 15" TYPE S
HDPE PIPE AT 0.84%
- 7 VDOT STD. DI-1
TOP=1077.70
INV. IN=1071.75
INV. OUT=1071.65
- 8 162 LF OF 15" TYPE S
HDPE PIPE AT 1.12%
- 9 VDOT STD. DI-3C
6" THROAT
TOP=1075.39
INV. IN=1069.84
INV. OUT=1069.74
- 10 11 LF OF 15" TYPE S
HDPE PIPE AT 1.59%
INV OUT: 1069.56
- 11 53 LF OF 19"H x 30"W
ELLIPTICAL CMP AT 1.1%
INV. IN: 1068.8
INV. OUT: 1068.2



BALZER & ASSOCIATES
PLANNERS / ARCHITECTS
ENGINEERS / SURVEYORS

Roanoke / Richmond
New River Valley / Staunton
Harrisonburg / Lynchburg
www.balzer.cc

1208 Corporate Circle
Roanoke, VA 24018
540.772.9580



FIRST TEAM VOLKSWAGEN

GRADING PLAN
6614 PETERS CREEK ROAD

HOLLINS DISTRICT
ROANOKE COUNTY, VIRGINIA

DRAWN BY SMD
DESIGNED BY CPB
CHECKED BY CPB
DATE 7/9/2019
SCALE 1" = 20'
REVISIONS
8/12/2019

C4
PROJECT NO. 03190030.00