TO TS PS MU

DISTURBED AREA SHALL BE LIMITED TO VDOT RIGHTS-OF-WAY AND EXISTING EASEMENTS UNLESS OTHERWISE INDICATED. ALL DISTURBED AREAS OUTSIDE ROADWAYS REQUIRE, AT A MINIMUM, TOPSOILING, TEMPORARY AND PERMANENT SEEDING AND MULCHING.

Shifted SSMH 002 appox. 6' to avoid conflict with existing manhole. 4" and 8" connections made inside new manhole as shown.

PR SSMH 001
STA. 0+00
4' DIA. STD MANHOLE
RIM = 1082.12
DEPTH = 7.58
INV IN = 1074.75 (15" PVC-S)
INV IN = 1075.82 (10" PVC-W)
INV OUT = 1074.54 (18" PVC-NE)

S-1 C-602 | S-4 C-602 | S-5 C-602 | S-11 C-602

EX SSMH 03B-0084.0
RIM = 1083.10
INV IN = 1077.29 (S)
INV OUT = 1077.05 (N)

PR SSMH 002
STA. 2+60
5' DIA. STD MANHOLE
RIM = 1084.83
DEPTH = 7.49
INV IN = 1077.53 (15" PVC-SW)
INV IN = 1080.30 (4" PVC-W)
INV IN = 1080.24 (8" PVC-NW)
INV OUT = 1077.34 (15" PVC-N)

S-1 C-602 | S-3 C-602 | S-4 C-602 | S-5 C-602 | S-11 C-602

EX SSMH 03B-0085.0
RIM = 1084.83
INV IN = 1080.24 (NW)
INV IN = 1079.42 (SW)
INV IN = 1080.30 (W)
INV OUT = 1079.38 (N)

PR SSMH 003
STA. 3+77
4' DIA. STD MANHOLE
RIM = 1086.58
DEPTH = 7.93
INV IN = 1078.75 (15" PVC-SW)
INV OUT = 1078.65 (15" PVC-NE)

S-1 C-602 | S-4 C-602 | S-5 C-602

EX SSMH 03B-0086.0
RIM = 1086.58
INV IN = 1080.92 (SW)
INV OUT = 1080.89 (NE)

EX SSMH 03B-0083.0
RIM = 1082.12
INV IN = 1075.26 (S)
INV IN = 1075.82 (W)
INV OUT = 1074.54 (NE)

STREAMBANK STABILIZATION 5 C-402

STABILIZE ROCK DITCH WITH MATTING. PLACE RIPRAP MATCHING EXISTING STONE ALONG ENTIRE DISTURBED DITCH LENGTH.

PERMANENT EASEMENT (TYP.)

ABANDON MANHOLE S-16 C-602

Shifted SSMH 003- 4' to avoid conflict with existing structure

SANITARY SEWER LATERAL (TYP.) S-6 C-602

MATCHLINE STA 4+80 SEE SHEET C - 102

Installed 18" x 12" Wye to make temporary connection with existing 12" line. Temporary connection was removed and the 12" side of the Wye plugged at project completion.

Relocated Gas Main to make connection

#3838 OVERDALE ROAD
TAX #077.15-01-18.00-0000
PROPERTY OF
COUNTY SCHOOL BOARD OF ROANOKE COUNTY
D.B. 722, PG. 11
GREEN VALLEY ELEMENTARY SCHOOL

#3537 BERRYHILL DRIVE
TAX #077.19-02-17.18-0000
PROPERTY OF
DAMINIQUE S. GALLO AND JASON M. GALLO
INSTRUMENT #202002590
LOT 18, REVISED PLAT OF
GREEN VALLEY ESTATES
P.B. 9, PG. 349

#3540 BERRYHILL DRIVE
TAX #077.19-02-17.18-0000
PROPERTY OF
HANNA MARIA POETEK
INSTRUMENT #201505166
LOT 19, REVISED PLAT OF
GREEN VALLEY ESTATES
P.B. 9, PG. 349

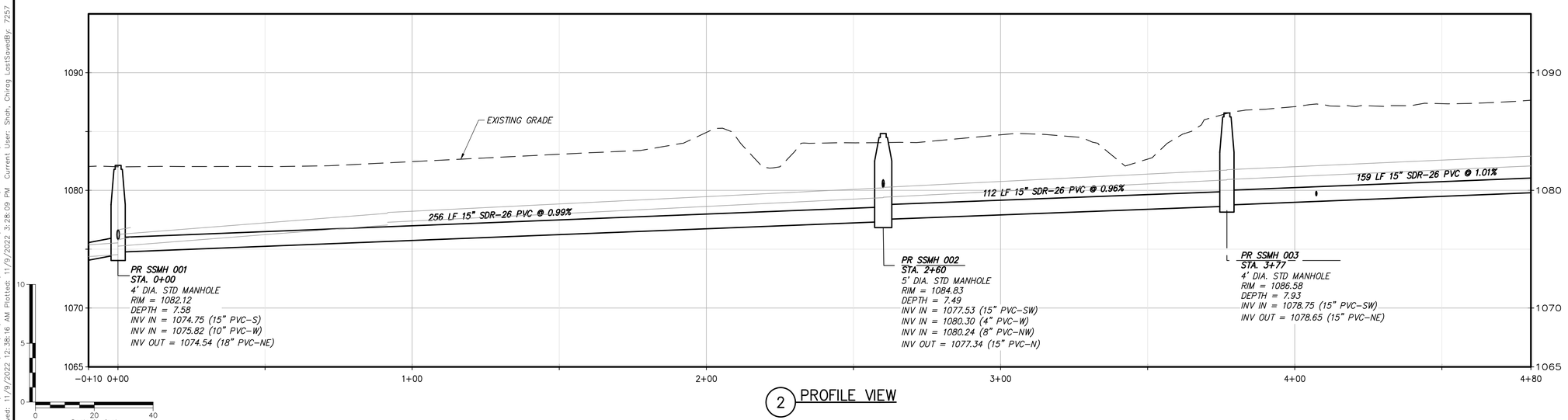
AUSTIN LIVING TRUST
INSTRUMENT #202100810
LOT 20, REVISED PLAT OF
GREEN VALLEY ESTATES
P.B. 9, PG. 349

50' RADIUS
BERRYHILL DRIVE

MURRAY RUN

Scale in feet: 0 20 40

1 PLAN VIEW



2 PROFILE VIEW

SHEET KEYNOTES:

1. REPLACE 10' (APPROX.) OF EXISTING SEWER WITH 18" PS115 PVC PIPE (4' MIN.), PS115 GASKETED PVC ECCENTRIC REDUCER SIZED TO ACCOMMODATE NEW PIPE AND EXISTING PIPE, 1' MIN. OF SDR-26 PVC PIPE SIZED TO ACCOMMODATE EXISTING SEWER, AND FLEXIBLE RUBBER COUPLING PER THE JOINING DISSIMILAR PIPE DETAIL.
2. VERIFY EXTENTS OF GRAVEL SURFACE AND SUBMIT MARKED-UP DRAWINGS WITH EXTENTS OF PROPOSED RE-SURFACING PRIOR TO COMMENCEMENT OF EXCAVATION.

Red line is new location of new sewer Main

ALL NEW SEWER IS 18" UNLESS OTHERWISE NOTED
MANHOLES 60"

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CHA
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WESTERN VIRGINIA WATER AUTHORITY

COMMONWEALTH OF VIRGINIA
DOUGLAS B. HUDGINS
Lic. No. 034694
11/09/2022
PROFESSIONAL ENGINEER

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL AFFIX TO THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

WESTERN VIRGINIA WATER AUTHORITY

CRAWFORD JANNEY SANITARY SEWER REPLACEMENT

No.	Submittal / Revision	App'd.	By	Date
1	BID ISSUE	DBH	CCS	11/09/22

PLAN AND PROFILE STA 00+00 To STA 4+80

Designed By:	Drawn By:	Checked By:
CCS	CCS/AW	DBH
Issue Date:	Project No:	Scale:
11/09/2022	072986.000	AS SHOWN

Drawing No.:
C-101

File: V:\PROJECTS\ANY\K6\072986.000\09_DESIGN\DRAWINGS\01_SHEETS\C-1XX_72986.DWG
Saved: 11/9/2022 12:38:16 AM Plotted: 11/9/2022 3:28:09 PM Current User: Shah, Chirag LastSavedBy: 7257