0 30' 60'

6"X 1" ARV INSTALLED 6-6-2017 IN VAULT

REMOVE EXISTING CAP
CONNECT TO EXISTING 6" WATERLINE
WITH 6"x 8" REDUCER - 32' FROM EXISTING VALVE INSTALLED 6-6-2017

8" MJ 45° INSTALLED 6-6-2017

NEW 20' WATERLINE EASEMENT

EX. 20' WATERLINE EASEMENT
INSTRUMENT #201602247

31' FROM EXISTING VALVE TO 1" ARV

2" IN LINE BLOW-OFF ASSEMBLY (W-12)
(FIELD LOCATE AT LOWEST POINT IN WATERMAIN)
120' FROM ARV TO BLOW-OFF INSTALLED 6-7-2017

4' FROM BLOW-OFF TO 22½° IN V-DITCH V.B. INSTALLED 6-7-2017

8" DI WATERLINE

EX. 12" DI WATERMAIN

PROPERTY OF
BLANKENSHIP EDWARD EUGENE
0 GRACELAND DR
TAX# 097.01-01-01.01-0000

PIPE MANUFACTURE
U.S. PIPE

PROPERTY OF
BREENE KLINT T;BROWN ALISON B
4535 SUMMERSET CIR
TAX# 097.07-02-64.00-0000

INSTALLED BY CIP-1
SUPT.- BILLY THOMAS

As-built- 07/27/2017

EX. PUBLIC FIRE DEPARTMENT CONNECTION

REMOVE FIRE DEPARTMENT CONNECTION

EX. 6" WATERMAIN

CUT & CAP

VALVE TO REMAIN CLOSED DURING NORMAL OPERATION

DISCONNECT AND CAP 4" WATERLINE

GRANT MAIN

4580 SUMMERSET DR

SUMMERSET DR

4572 SUMMERSET DR

PROPERTY OF
FULGHUM BRETT W;MOLLOY KIMBERLEY R
4564 SUMMERSET DR
TAX# 097.07-02-70.00-0000

EX. 30' ACCESS & WATERLINE EASEMENT

DID NOT USE ANY BENDS THROUGH HERE

EX. 4" WATERMAIN (FROM PUMP STATION)

8" DI WATERLINE

EX. 4" Watermain Abandoned w/this project

EX. 4" WATERMAIN (TO TANK) Abandoned w/this project

1" ARV

EX. 8" SEWERLINE

EX. SSMH (TYP.)

6' FROM VALVE TO METER

EX. SSCO

PROPERTY OF
AGEE ROBERT E
4529 SUMMERSET CIR
TAX# 097.07-02-65.00-0000

PROPERTY OF
BERTHIAUME PAMELA E
4521 SUMMERSET CIR
TAX# 097.07-02-66.00-0000

PROPERTY OF
DOLAN GARY L;DOLAN SHERI B
4507 SUMMERSET CIR
TAX# 097.07-02-67.00-0000

PROPERTY OF
HICKS DENNIS L;HICKS CYNTHIA H
4554 SUMMERSET DR
TAX# 097.07-02-68.00-0000

SUMMERSET CIR

EX. FIRE HYDRANT

EX. 6" FIRE HYDRANT MAIN

4508 SUMMERSET CIR

4486 SUMMERSET DR

EX. 6" WATERMAIN

EX. WATER VALVE (TYP)

6"x 8" REDUCER

31'

EX. 6" DI WATERMAIN

8" 22-1/2° H.B.

45°

6"X1" SADDLE WITH 1" ARV

DID NOT NEED

8" H-1/4° H.B.

8" 22 1/2° H.B.

PROPERTY OF
WESTERN VIRGINIA WATER AUTHORITY
4562 SUMMERSET DR
TAX# 097.07-02-69.00-0000

REMOVED

BRANDERWOOD PUMP STATION (TO BE REMOVED)

BRANDERWOOD TANK (TO BE REMOVED)

6" OMNI METER IN 4' DIAMETER MANHOLE
G-20-2017

G-20-2017
6" & 2" CLA-VAL PRESSURE REDUCING VALVE IN 5' DIAMETER MANHOLE

6"x 8" REDUCER
6"x 6"x 6" TEE
6" GATE VALVE & VAULT (W-9)
6" GATE VALVE & VAULT (W-9)
6" 90° H.B.

6"x 4"x 6" TEE INSTALLED IN SAME VAULT 7-11-2017
4" GATE VALVE & VAULT (W-9)
4" CLA-VAL PRESSURE RELIEF VALVE IN 4' DIAMETER MANHOLE
4" 90° H.B.
45°

4" OUTLET TO CONCRETE V-DITCH

INSTALLED G-26-2017

6" GATE VALVE & VAULT (W-9)

6" VALVE & VAULT G-21-2017

CONNECT EXISTING WATER SERVICE
6" 45° H.B.

ADD 6" VALVE

NEW 1" TAP FOR SERVICE 7-17-2017

ADD VALVE
CONNECT TO EX. 6" WATERLINE
6"x 6"x 6" TEE (CUT-IN)
INSTALLED 7-17-2017

MOVE THIS VALVE TO INTERSECTION

INSTALLED 7-27-2017
CAP 4" WATERLINE
TEMPORARY BLOW-OFF ASSEMBLY (W-11)
24' FROM VALVE THAT WAS ADDED TO LOWER SIDE OF 6"x6" TEE

REMOVE EXISTING 4"x 6" REDUCING ELBOW
CONNECT TO EXISTING 6" WATERLINE
WITH 6" 45° H.B.
CAP EXISTING 4" WATERLINE

EX. 4" WATERMAIN

EX. 6" FIRE HYDRANT MAIN

2" CORPORATION STOP (X2)
LIQUID FILLED PRESSURE GAUGE (X2)
INSTALLED ON THIS SIDE OF MAIN
6-21-2017

WESTERN VIRGINIA
WATER AUTHORITY
ENGINEERING SERVICES
601 S JEFFERSON ST, SUITE 300
ROANOKE, VA 24011
540-853-5700

BRANDERWOOD WATERLINE CONNECTION

PLAN

Rev	Description	Date	By

Designed: DRJ
Drawn: DRJ
Checked: TEC
Approved: TEC
Date: MAY 2017
Project:

1
Sheet 1 of 1