PROPERTY OF
JAMISON J CLARK JR &
SHIRLEY B
24935 VIRGIL H GOODE HWY
TAX# 3020005300

PROPERTY OF
VIRGINIA DEPT OF HIGHWAYS
0 VIRGIL H GOODE HWY
TAX# 3020005200

BETHLEHEM RD

VIRGIL H GOODE HWY (U.S. HWY 220)

EX 15" SD

EX 15" SD

ESTIMATED LOCATION OF EXISTING
60' OF 20" STEEL CASING

EXISTING 12" WVWA WATER LINE

EXISTING 12" TOWN OF
BOONES MILL WATER LINE

STA 10+00 WATERLINE "A"
CONNECT TO EXISTING 12" WATERLINE
12"x 8" TAPPING SLEEVE (W-21)
8" GATE VALVE & VAULT (W-9)
(CONTRACTOR TO COORDINATE
CONNECTION WITH WVWA)

NEW VARIABLE WIDTH
WATERLINE EASEMENT

8" 45° H.B.

WATER CONTROL VAULT
(SEE DETAIL "A")

STA 10+88 WATERLINE "A"
8" 11 1/4° H.B.
8" GATE VALVE & VAULT (W-9)
12"x 8" TAPPING SLEEVE (W-21)
CONNECT TO EXISTING 12" WATERLINE
(CONTRACTOR TO COORDINATE
CONNECTION WITH WVWA)

10+00

10+50

8" DI WATERLINE "A"

10+88

EX. 12" COUPLING

SURVEYED LOCATION OF
GREEN PAINTED LATERAL

EST. LOCATION OF STORM DRAIN
BASED ON 1986 VDOT PLANS

EX 8" DI SS

EX 8" PVC SS

EX 12" SD

EX 15" SD

EX. 12" 45° H.B.

EX 15" SD

PROPERTY OF
JAMISON J CLARK JR &
SHIRLEY B
4 DOGWOOD HILL RD
TAX# 3020006100

DOGWOOD HILL RD

EX 8" SS

SURVEYED LOCATION OF
GREEN PAINTED LATERAL

EX 12" SD

EX. 12" 11 1/4" V.B.

EX 8" SS

EX. 12" 45° H.B.

EX 8" SS

EX. 15' WATERLINE EASEMENT
DEED BOOK 979 PAGE 1453

PROPERTY OF
ISAACS LODGE #29 AF & AM
7170 BETHLEHEM RD
TAX# 3020005100

PROPERTY OF
BIRMINGHAM LLC
24875 VIRGIL H GOODE HWY
TAX# 3020005000

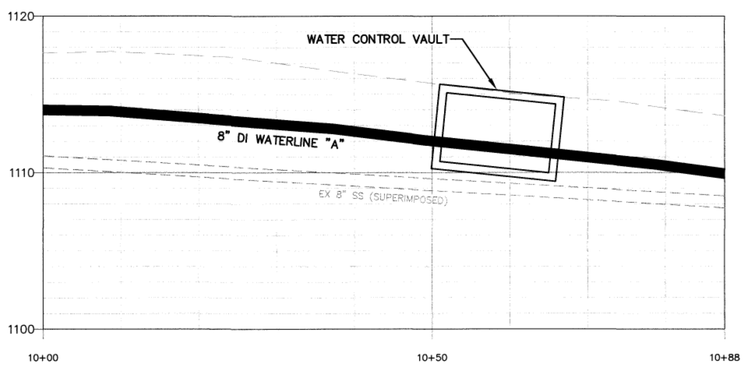
0 10' 20'

GENERAL NOTES:

1. SEWER LATERALS SHOWN ARE BASED ON CCTV FOOTAGE. ADDITIONAL LATERALS & CONFLICTS SHALL BE INVESTIGATED BY CONTRACTOR PRIOR TO EXCAVATION.
2. PROPERTY LINES SHOWN ON THIS PAGE ARE BASED ON GIS DATA AND HAVE NOT BEEN FIELD SURVEYED, WITH THE EXCEPTION OF PARCEL TAX NUMBERS 3020005100 & 3020005000, WHOSE PROPERTY LINES WERE SET BASED ON RECORDS AND FIELD SURVEY DATA.

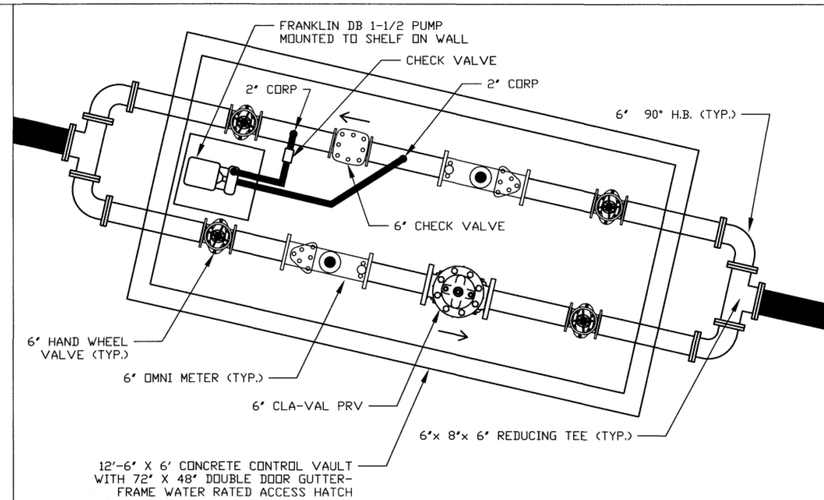
SURVEY NOTES:

1. ALL SURVEY FOR THIS PROJECT WAS CONDUCTED USING A COMBINATION OF TOTAL STATION AND RTK GPS EQUIPMENT. THE SURVEY DATUM USED IS NAD83 VIRGINIA STATE PLANES, SOUTH ZONE, US FOOT.
2. ALL SURVEY DATA'S GENERAL ACCURACY IS AS FOLLOWS:
   - HORIZONTAL ACCURACY: WITHIN 0.5' WITH OCCASIONAL EXCEPTION
   - VERTICAL ACCURACY: WITHIN 0.1' WHERE INFORMATION IS PROVIDED ON PLAN
3. SURVEYED CONTOUR DATA IS GENERALLY ACCURATE TO WITHIN ±0.5'.
4. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT AND THEREFORE, THERE MAY EXIST ENCUMBERANCES NOT SHOWN HEREON.
5. WITH OCCASIONAL EXCEPTION, EDGE OF PAVEMENT, GRAVEL, CONCRETE, & BRICK ARE SHOWN BASED ON GEOREFERENCED AERIAL IMAGERY AND ARE TYPICALLY ACCURATE TO WITHIN 1.0'.
6. WITH OCCASIONAL EXCEPTION, EXISTING BUILDINGS SHOWN ARE BASED ON MUNICIPAL GIS DATA AND GEOREFERENCED AERIAL IMAGERY AND ARE TYPICALLY ACCURATE TO WITHIN 5.0'.
7. WITH OCCASIONAL EXCEPTION, PROPERTY LINES ON THIS PLAN ARE BASED ON GIS DATA AND HAVE NOT BEEN FIELD SURVEYED.
8. SEWER LATERALS SHOWN ON THIS PLAN ARE BASED ON CCTV FOOTAGE AND HAVE NOT BEEN FIELD SURVEYED EXCEPT IN CASES WHERE A CLEAN-OUT IS PRESENT. ADDITIONAL LATERALS & CONFLICTS SHALL BE INVESTIGATED BY CONTRACTOR PRIOR TO EXCAVATION.
9. THIS PLAN DOES NOT GUARANTEE THE EXISTENCE, LOCATION, SIZE, MATERIAL OR TYPE OF ANY UNDERGROUND UTILITIES. ALL UNDERGROUND UTILITIES & STRUCTURES SHOWN ON THIS PLAN ARE SHOWN BASED ON SURVEYED ABOVE GROUND STRUCTURES, CCTV SURVEYS, AVAILABLE PUBLIC RECORDS AND BY UTILITY LINE LOCATION MARKINGS ESTABLISHED BY MISS UTILITY OF VIRGINIA TICKET # B907300595-00B. ALL UNDERGROUND UTILITY & STRUCTURE LOCATION SHOULD BE FIELD VERIFIED PRIOR TO THE START OF ANY CONSTRUCTION.



WATERLINE "A"

SCALE
VERTICAL: 1"= 5'
HORIZONTAL: 1" = 10'



DETAIL "A"

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

COMMONWEALTH OF VIRGINIA
ROGER R. BLANKENSHIP
LIC. No. 040615
10-23-19
REGISTERED PROFESSIONAL ENGINEER

BOONES MILL WATERLINE INTERCONNECTION

PLAN & PROFILE

Rev	Description	Date	By
1	ADDED PUMP DETAILS PER RRB	10/23/19	DRJ

Designed: WVWA
Drawn: AJC, DRJ
Checked: DRJ
Approved: RRB
Date: JUNE 2019
Project: INTERCONN.

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Sheet 2 of 2