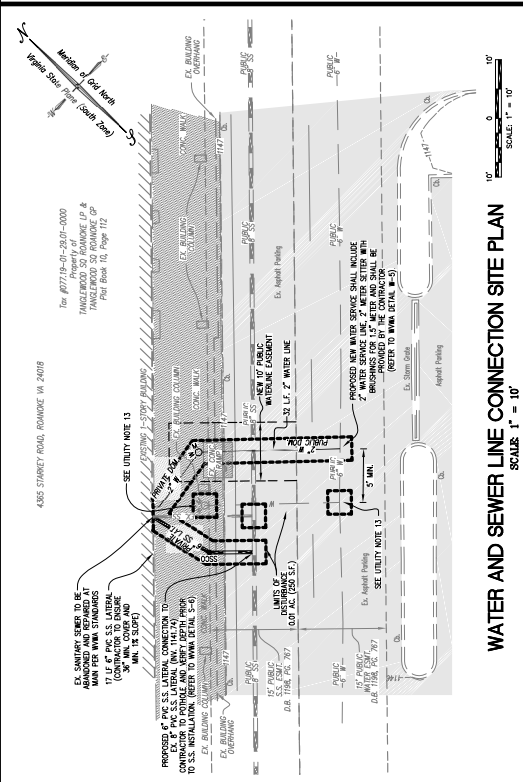


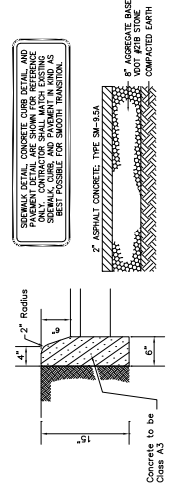


# WATER AND SEWER LINE CONNECTION SITE PLAN

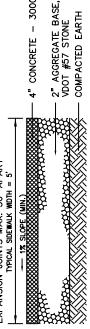
SCALE 1" = 10'

**APPROVED**  
By Aaron Shearer at 7:51 am, Feb 15, 2023

**APPROVED**  
By Aaron Shearer at 7:51 am, Feb 15, 2023



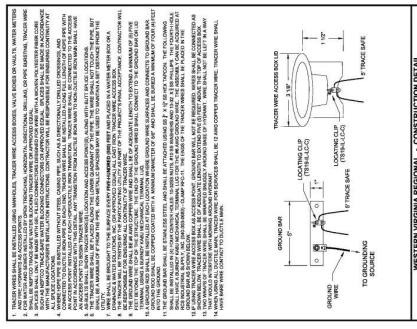
NOTE: CONTRACTION JOINTS @ 6' O.C.  
EXPANSION JOINTS MAY 30' APART



**CONCRETE SIDEWALK**

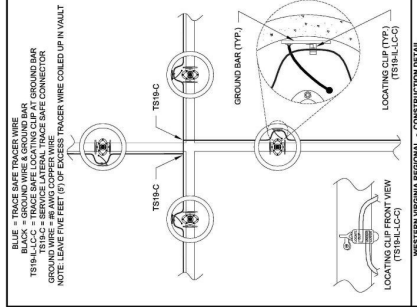
NO SCALE

NO SCALE

[illegible]

|                                                 |  |
|-------------------------------------------------|--|
| WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL |  |
| TRACER WIRE                                     |  |

|                                   |          |     |
|-----------------------------------|----------|-----|
| FOR NON-METALLIC<br>PRESSURE PIPE | 05/06/16 | G-4 |
|-----------------------------------|----------|-----|



BLUE = TRACE WIRE TRACER WIRE  
 BLACK = GROUND WIRE & GROUND BAR  
 TS19-L = SERVICE LATERAL TRACER BAR CONNECTOR  
 TS19-C = SERVICE LATERAL TRACER BAR COIL  
 TS19-LCC = SERVICE LATERAL TRACER BAR COIL  
 NOTE: LEAVE FIVE FEET OF EXCESS TRACER WIRE COILED UP IN VAULT

GROUND BAR (TYP.)

LOCKING CLIP (TYP.)

TS19-LCC

TS19-C

TS19-C

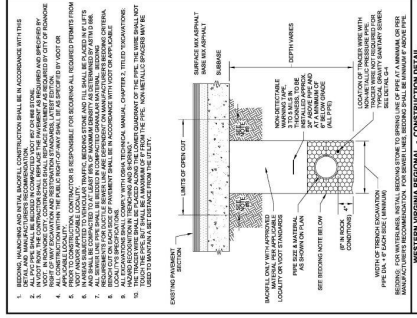
TS19-LCC

LOCATION OF TRACER WIRE IN VAULT

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

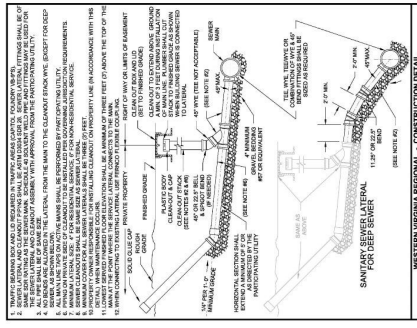
|          |     |
|----------|-----|
| 06/26/16 | G-1 |
|----------|-----|

INAGER WINE SAMPLE  
TEE/CROSS INTERSECTION

[illegible]

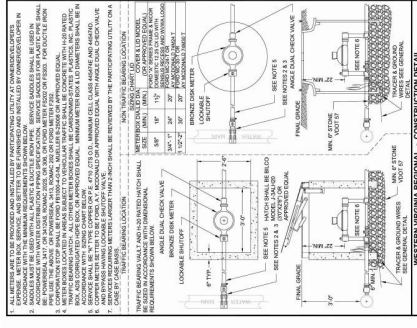
WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

|                                    |          |   |
|------------------------------------|----------|---|
| UNDER PAVEMENT AND IN RIGHT-OF-WAY | 06/01/15 | G |
|------------------------------------|----------|---|

[illegible]

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

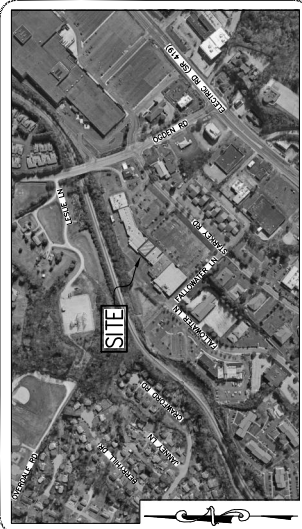
|                        |     |
|------------------------|-----|
| SANITARY SEWER LATERAL | S-6 |
|------------------------|-----|

[illegible]

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

|                                        |          |
|----------------------------------------|----------|
| WATER SERVICE<br>METER SIZES 5/8" - 2" | W-       |
|                                        | 09/07/17 |

## PROJECT LOCATION MAP



## SITE AND ZONING TABULATIONS

TAX PARCEL ID: 077.19-01-29.01-0000  
CURRENT ZONING: C2CS - GENERAL COMMERCIAL  
PROPOSED USE: RETAIL OFFICE/CUSTOMER SERVICE  
\*USE IS UNCHANGED BY PROPOSED BUILDING  
AND SEWER SERVICE CONNECTION ONLY.\*  
SITE ACREAGE: 10.15 ACRES

## GENERAL NOTES

1. OWNER/PROJECT: TANGLEWOOD 50, ROANOKE, VA, TANGLEWOOD 50, ROANOKE, VA.  
C/O HOWARD BRIDGES  
KOLVIN HEIGHTS, NY 10377
2. CONSULTANT: NAME OF A FIELD SURVEY BY LUNDEN ASSOCIATES, P.C.  
TOPOGRAPHY DATA BASED ON A FIELD SURVEY BY LUNDEN ASSOCIATES, P.C.
3. PROJECT: NAME OF PROJECT, LOCATION OF PROJECT, AND DATE OF SURVEY  
NO PORTION OF THE SUBJECT PROPERTY IS LOCATED WITHIN THE LIMITS OF FLOOD HAZARD AREA. THIS
4. DISPOSITION IS BASED ON AN INSPECTION OF THE FLOOD INSURANCE RATE MAP #9116/02050, DATED 03/01/2002.
5. COMMENTS: NO CONVICTIONS/FIELD REVISIONS ARE ALLOWED WITHOUT THE APPROVAL OF THE CONSULTING ENGINEER.  
ANY NECESSARY CHANGES IN GRADES, ALTERNATE PIPE SIZES, MANHOLE, OR ETC. MEASURES WILL REQUIRE A NEW SET OF PLANS SIGNED BY THE CONSULTING ENGINEER.  
PLAN SHEETS CAN BE 8.5 x 11

## CONSTRUCTION NOTES

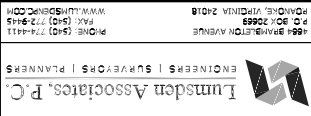
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE PERMITS AND THE NECESSARY CONSENTS OF THE AFFECTED MUNICIPALITY TO PERFORM THE WORKS AND THE NECESSARY CONSENTS OF THE AFFECTED MUNICIPALITY TO PERFORM THE WORKS AND THE NECESSARY CONSENTS OF THE AFFECTED MUNICIPALITY TO PERFORM THE WORKS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE PERMITS AND THE NECESSARY CONSENTS OF THE AFFECTED MUNICIPALITY TO PERFORM THE WORKS AND THE NECESSARY CONSENTS OF THE AFFECTED MUNICIPALITY TO PERFORM THE WORKS.
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6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE PERMITS AND THE NECESSARY CONSENTS OF THE AFFECTED MUNICIPALITY TO PERFORM THE WORKS AND THE NECESSARY CONSENTS OF THE AFFECTED MUNICIPALITY TO PERFORM THE WORKS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE PERMITS AND THE NECESSARY CONSENTS OF THE AFFECTED MUNICIPALITY TO PERFORM THE WORKS AND THE NECESSARY CONSENTS OF THE AFFECTED MUNICIPALITY TO PERFORM THE WORKS.

EQUIPMENT.  
WESTERN VIRGINIA WATER AUTHORITY GENERAL NOTES

1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST WMA DESIGN AND CONSTRUCTION STANDARDS. WMA STANDARDS ARE REQUIRED TO NOTIFY THE WESTERN WMA DESIGN AUTHORITY IN WRITING AT LEAST THREE (3) DAYS PRIOR TO ANY CONSTRUCTION. PLEASE CONTACT MARK AUST AT 408.438.2222 FOR MORE INFORMATION.
2. ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE WESTERN WMA AUTHORITY.
3. ALL MATERIALS SHALL BE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE WESTERN WMA AUTHORITY AND ANY OTHER AGENCIES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ANY OTHER AGENCIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ANY OTHER AGENCIES.
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9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ANY OTHER AGENCIES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ANY OTHER AGENCIES.

**WATER & SANITARY SEWER CONSTRUCTION STANDARDS:**

ALL CONSTRUCTION OF PUBLIC WATER AND SANITARY SEWER UTILITIES SHALL ADHERE TO THE WESTERN VIRGINIA WATER AUTHORITY'S WESTERN VIRGINIA REGIONAL DESIGN AND CONSTRUCTION STANDARDS, LATEST VERSION.



**WATER & SEWER LINE  
CONNECTION  
DEVELOPMENT PLAN**

WATER & SEWER CONNECTION  
DEVELOPMENT PLAN  
FOR  
"HUMANVA"  
LOCATED AT  
4365 STARKEY ROAD  
ROANOKE COUNTY, VIRGINIA

| DATE | REVISIONS |
|------|-----------|
| 1    |           |
| 2    |           |
| 3    |           |
| 4    |           |
| 5    |           |

DATE: January 30, 2023  
 SCALE: 1" = 10'  
 COMMISSION NO. 22-302  
 SHEET 1 OF 1