

V:\Projects\BVA\31237\Drawings\100% Construction Drawings-Updated.mxd

Legend

- Sanitary Manhole
- Sanitary Sewer

Contract 1A - Sanitary Sewer Line Rehabilitation

Sanitary Sewer Rehabilitation

- Line
- Burst
- Lateral Rehabilitation
 - Capped- Do Not Reinstale
 - Replace
 - Replace - Pavement
 - Trim and Replace
 - Trim and Replace - Pavement
 - Trim - Do Not Reinstale
 - Assist Owner to Verify Active - Replace if Active
 - Verify Active - Pavement
 - Existing PVC - Reconnect at Sewer Main
 - Existing PVC - Pavement - Reconnect at Sewer Main

Contract 1B - Manhole Rehabilitation

- Install Water-Resistant F&C
- Reseal Existing Frame
- Install Standard F&C
- Seal Chimney
- Cementitiously Line Manhole
- Repair Crack/Holes in Wall
- Seal Pipe Connections
- Seal Wall/Bench Connection
- Repair Crack/Holes in Bench
- Install 8-inch Cleanout

Pipe Material Legend

- CP = Concrete Pipe
- VCP = Vitrified Clay Pipe

| Manhole No. | Manhole Depth (ft) | | |
|-------------|--------------------|-----|------|
| 01A-3089.0 | 8.3 | 8.4 | 8.25 |

SHEET 129

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CIA

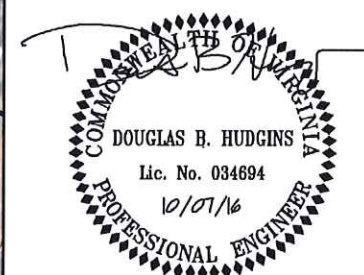


WESTERN VIRGINIA
WATER AUTHORITY

WESTERN VIRGINIA
WATER AUTHORITY

Did not get right up to
3088.6 - surrounded by fences.
ROANOKE, VIRGINIA
Disc 5 Side A
Taped 6.21.17

3089 has holes



THIS IS A TRUE AND CORRECT COPY OF THE ORIGINAL DRAWING, AS PREPARED BY THE ENGINEER, FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. THE ENGINEER'S SEAL AND SIGNATURE ARE REQUIRED FOR ALL DRAWINGS SUBMITTED FOR PERMITTING PURPOSES. THE ENGINEER'S SEAL AND SIGNATURE ARE REQUIRED FOR ALL DRAWINGS SUBMITTED FOR PERMITTING PURPOSES. THE ENGINEER'S SEAL AND SIGNATURE ARE REQUIRED FOR ALL DRAWINGS SUBMITTED FOR PERMITTING PURPOSES.

| No. | Submittal/Revision | App'd. | By | Date |
|-----|--------------------|--------|-----|----------|
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| | | | | |
| - | Bid Issue | DBH | KJV | 10/07/16 |
| A | 50% Submission | DBH | KJV | 05/12/16 |

CONTRACT 1 -
2016 SANITARY SEWER REHABILITATION

Manhole Rehabilitation

| | | |
|---------------------|-----------------------------|--------------|
| Designed By: KJV | Project No: 31237 | Drawing No.: |
| Drawn By: KJV | Scale: AS SHOWN | C-129 |
| Checked By: DBH | Issue Date: October 2016 | |