

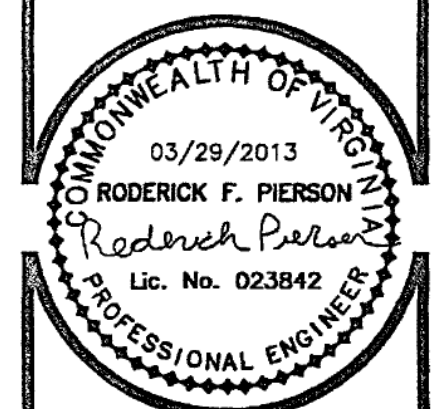
**PIERSON  
ENGINEERING  
&  
SURVEYING**

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**THE VILLAGE GREEN  
PHASE II  
ROANOKE COUNTY, VIRGINIA**

**WATER AND  
SANITARY  
SEWER PLAN  
AS BUILTS**



COMMISSION No.  
XXXXX  
SHEET  
C-5

#### Narrative on Waterline Village Green Phase II

Start at existing 8" Valve,  
5' to 8"x6" Tee for Hydrant #4,  
Then 12' to 45',  
Then 372' to 45',  
Then 5' to Air Release,  
Then 6' to 8"x6" Tee for Hydrant #5,  
Then 30' to 45',  
Then 5' to 8" Valve,  
Then 36' to Temporary Blow off.

NO. 027-13-05-05.00-0000  
HAROLD F. TRENT, JR. &  
CHERYL TRENT TRICKLE  
D.B. 1636, PG. 1077  
ZONED: C1C

#### Narrative on Hydrant #4

From 8"x6" Tee go 7' to valve  
From Valve go 1.5' to Hydrant #4  
**Narrative on Hydrant #5**  
From 8"x6" Tee go 1.5' to valve  
From Valve go 1.5' to Hydrant #5

| Water Meters                       |                                                       |           |
|------------------------------------|-------------------------------------------------------|-----------|
| All Meters are double unless NOTED |                                                       |           |
| Lot                                | Location                                              | From Curb |
| 15                                 | Edge of Easement between 140 and 15                   | 10        |
| 16                                 | Edge of Easement between 16 and 17                    | 11        |
| 17                                 | Edge of Easement between 16 and 17                    | 11        |
| 18                                 | Edge of Easement between 18 and 19 (Single)           | 11        |
| 19                                 | Edge of Easement between 19 and 20                    | 12.5      |
| 20                                 | Edge of Easement between 19 and 20                    | 12.5      |
| 21                                 | Edge of Easement between 21 and 22                    | 7         |
| 22                                 | Edge of Easement between 19 and 20                    | 7         |
| 23                                 | Edge of Easement between 23 and 24                    | 5         |
| 24                                 | Edge of Easement between 23 and 24                    | 5         |
| 25                                 | Corner of Lots 25 and 26                              | 2         |
| 26                                 | Corner of Lots 25 and 26                              | 2         |
| 27                                 | Corner of Lots 27 and 28                              | 1         |
| 28                                 | Corner of Lots 27 and 28                              | 1         |
| 29                                 | Edge of Easement between 29 and 30                    | 1         |
| 30                                 | Edge of Easement between 29 and 30                    | 1         |
| 31                                 | Edge of Easement between 31 and 32                    | 10        |
| 32                                 | Edge of Easement between 31 and 32                    | 10        |
| 33                                 | Edge of Easement between 33 and 34                    | 9         |
| 34                                 | Edge of Easement between 33 and 34                    | 9         |
| 35                                 | Edge of Easement between 35 and 36                    | 9         |
| 36                                 | Edge of Easement between 35 and 36                    | 9         |
| 37                                 | Corner of Lot 37 and Common Area at Easement (Single) | 15        |
| 38                                 | Corner of Lot 38 where Road makes turn (Single)       | 6         |
| 39                                 | Corner of Lots 39-40                                  | 1         |
| 40                                 | Corner of Lots 39-40                                  | 1         |
| 41                                 | Corner of Lots 41-42                                  | 1         |
| 42                                 | Corner of Lots 41-42                                  | 1         |
| 43                                 | Corner of Lots 43-44                                  | 1         |
| 44                                 | Corner of Lots 43-44                                  | 1         |
| 45                                 | Corner of Lots 45-46                                  | 1         |
| 46                                 | Corner of Lots 45-46                                  | 1         |
| 47                                 | Corner of Lots 47-48                                  | 1         |
| 48                                 | Corner of Lots 47-48                                  | 1         |
| 49                                 | Corner of Lots 49-50                                  | 1         |
| 50                                 | Corner of Lots 49-50                                  | 1         |
| 51                                 | Corner of Lots 51-52                                  | 1         |
| 52                                 | Corner of Lots 51-52                                  | 1         |
| 53                                 | Corner of Lots 53-54                                  | 1         |
| 54                                 | Corner of Lots 53-54                                  | 1         |
| 55                                 | Corner of Lots 55-56                                  | 1         |
| 56                                 | Corner of Lots 55-56                                  | 1         |
| 57                                 | Corner of Lots 57-58                                  | 1         |
| 58                                 | Corner of Lots 57-58                                  | 1         |
| 59                                 | Corner of Lots 58-59                                  | 1         |

SEWER 8" x 6" tee "Y"s and 8" x 4" tee "Y"s used

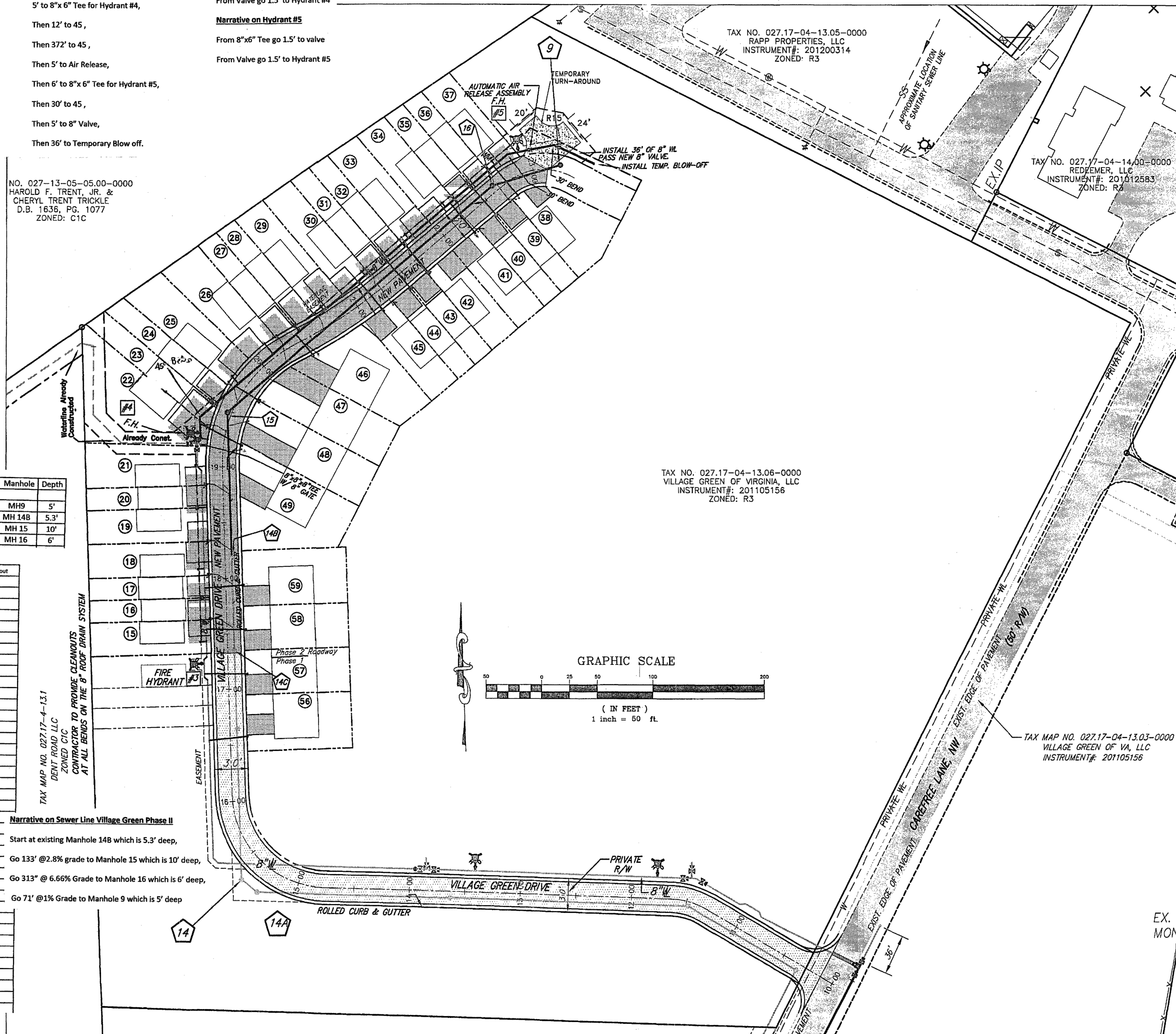
| Lot | Distance from | Manhole | Distance to Cleanout | Size of Cleanout | Depth of Cleanout |
|-----|---------------|---------|----------------------|------------------|-------------------|
| 15  | 1+00          | MH 14C  | 21'                  | 6"               | 5.3'              |
| 16  | 1+00          | MH 14C  | 21'                  | 4"               | 5.3'              |
| 17  | 1+00          | MH 14C  | 22'                  | 6"               | 5'                |
| 18  | 1+00          | MH 14C  | 22'                  | 4"               | 5'                |
| 19  | 0+15          | MH 14B  | 21'                  | 4"               | 5.2'              |
| 20  | 0+65.5        | MH 14B  | 22'                  | 6"               | 6.2'              |
| 21  | 0+65          | MH 14B  | 22'                  | 4"               | 6.2'              |
| 22  | 1+16.5        | MH 14B  | 14'                  | 6"               | 7.5'              |
| 23  | 1+16.5        | MH 14B  | 14'                  | 4"               | 7.5'              |
| 24  | 0+10          | MH 15   | 15'                  | 4"               | 8.3'              |
| 25  | 0+10          | MH 15   | 15'                  | 6"               | 8.3'              |
| 26  | 0+71          | MH 15   | 16'                  | 4"               | 9.6'              |
| 27  | 0+71          | MH 15   | 16'                  | 6"               | 9.6'              |
| 28  | 1+11          | MH 15   | 13'                  | 6"               | 10'               |
| 29  | 1+11          | MH 15   | 13'                  | 4"               | 10'               |
| 30  | 1+73          | MH 15   | 9'                   | 6"               | 10.8'             |
| 31  | 1+73          | MH 15   | 9'                   | 4"               | 10.8'             |
| 32  | 2+13          | MH 15   | 10'                  | 4"               | 10'               |
| 33  | 2+13          | MH 15   | 10'                  | 6"               | 10'               |
| 34  | 2+74          | MH 15   | 9'                   | 4"               | 8.4'              |
| 35  | 2+74          | MH 15   | 9'                   | 6"               | 8.4'              |
| 36  | 0+05          | MH 16   | 11'                  | 4"               | 6.7'              |
| 37  | 0+05          | MH 16   | 11'                  | 6"               | 6.7'              |
| 38  | 0+17          | MH 16   | 20'                  | 4"               | 5.8'              |
| 39  | 0+17          | MH 16   | 20'                  | 6"               | 5.8'              |
| 40  | 2+76          | MH 15   | 23'                  | 4"               | 7.5'              |
| 41  | 2+76          | MH 15   | 23'                  | 6"               | 7.5'              |
| 42  | 2+16          | MH 15   | 21'                  | 6"               | 8.7'              |
| 43  | 2+16          | MH 15   | 21'                  | 4"               | 8.7'              |
| 44  | 1+76          | MH 15   | 22'                  | 4"               | 8.4'              |
| 45  | 1+76          | MH 15   | 22'                  | 6"               | 8.4'              |
| 46  | 0+64          | MH 15   | 15'                  | 6"               | 9.6'              |
| 47  | 0+64          | MH 15   | 15'                  | 4"               | 9.6'              |
| 48  | 1+04.5        | MH 14B  | 15'                  | 4"               | 8.4'              |
| 49  | 1+04.5        | MH 14B  | 15'                  | 6"               | 8.4'              |
| 50  | 0+11          | MH 14C  | 8'                   | 6"               | 6.5'              |
| 51  | 0+51          | MH 14C  | 9'                   | 6"               | 5.5'              |
| 52  | 0+90          | MH 14C  | 9'                   | 6"               | 5.5'              |
| 53  | 1+32          | MH 14C  | 11'                  | 6"               | 5.5'              |

| Manhole | Depth |
|---------|-------|
| MH9     | 5'    |
| MH 14B  | 5.3'  |
| MH 15   | 10'   |
| MH 16   | 6'    |

#### Narrative on Sewer Line Village Green Phase II

Start at existing Manhole 14B which is 5.3' deep,  
Go 133' @ 2.8% grade to Manhole 15 which is 10' deep,  
Go 313' @ 6.66% Grade to Manhole 16 which is 6' deep,  
Go 71' @ 1% Grade to Manhole 9 which is 5' deep

TAX MAP NO. 027-17-04-13-1  
DENT ROAD LLC  
ZONED C1C  
CONTRACTOR TO PROVIDE CLEANOUTS  
AT ALL BENDS ON THE 8" ROOF DRAIN SYSTEM



CONTRACTOR SHALL INSTALL A SEWER LATERAL  
AND A WATER METER TO EACH LOT.

APPROVED