# PROJECT OVERVIEW

## Storm Sewer And Sanitary Sewer Descriptions:

(All Structures In Good Condition, Unless Otherwise Noted)

(A)Sanitary Sewer MH
Top=2126.99
8" PVC In=2113.45
8" PVC Out=2113.43
1 8" PVC Lateral

(B)Sanitary Sewer MH
Top=2126.04
8" PVC In=2112.67
8" PVC Out=2112.65
1 8" PVC Lateral

(C)Sanitary Sewer MH
Top=2122.87
8" PVC In=2108.27
8" PVC Out=2108.19

(D)Sanitary Sewer MH
Top=2122.67
8" PVC In=2107.83
8" PVC Out=2107.29
2 4" PVC Laterals

(E)Sanitary Sewer MH
Top=2122.76
6" PVC In=2117.92
6" PVC Out=2116.48
3 6" PVC Laterals

(F)Sanitary Sewer MH
Top=2122.16
6" PVC In=2113.87
8" PVC Out=2110.21

(G)Sanitary Sewer MH
Top=2120.68
2 8" TCP In=2100.18
8" TCP Out=2100.28

(H)Sanitary Sewer MH
Top=2145.40
8" TCP In=2138.07
8" TCP In=2138.60
8" TCP Out=2138.00

(I)Sanitary Sewer MH
Top=2145.95
8" TCP In=2140.99
8" TCP Out=2140.69
1 6" TCP Lateral

(J)Sanitary Sewer MH
Top=2149.44
8" TCP In=2142.98
8" TCP Out=2142.94
2 6" TCP Laterals

(K)Sanitary Sewer MH
Top=2134.90
8" TCP In=2128.80
8" TCP In (Drop Pipe)=2130.97
8" TCP Out=2128.79

(L)Sanitary Sewer MH
Top=2129.03
8" TCP In=2123.53
8" TCP Out=2116.65
3 8" TCP Laterals
Inverts Correct Per Field Inspection

(M)Sanitary Sewer MH
Top=2128.09
8" TCP In=2114.73
8" TCP Out=2114.78
2 6" TCP & PVC Laterals
Inverts Correct Per Field Inspection

(N)Sanitary Sewer MH
Top=2118.23
Unable To Obtain Inverts

(O)Sanitary Sewer MH
Top=2117.80
8" TC In=2093.65
8" TC In=2093.67
8" TC Out=2093.75
Inverts Correct Per Field Inspection

(P)Sanitary Sewer MH
Top=2113.51
6" PVC In=2104.39
8" TC In=2087.72
8" TC Out=2086.88

(1)Storm Grate
Top=2127.47
24" RCP In=2120.98
24" RCP Out=2120.72

(2)Storm Grate
Top=2126.32
15" RCP Out=2123.48

(3)Storm Grate
Top=2126.06
Unable To Access Pipes
Flowline At Top Of Pipe=2126.06

(4)Strom Grate
Top=2129.77
36" CPP Out=2120.90

(5)Storm Grate
Top=2124.78
36" RCP In=2116.03
36" RCP Out=2115.98

(6)Storm Grate
Top=2124.39
36" CPP In=2114.24
36" CPP Out=2114.19

(7)Storm Grate
Top=2123.01
36" CPP In=2111.47
36" RCP Out=2111.43

(8)Storm Grate
Top=2121.34
21" RCP In=2116.26
21" RCP Out=2116.22

(9)Storm Grate
Top=2135.08
18" RCP Out=2135.08

(10)Storm MH
Top=2136.97
18" RCP In=2128.27
24" RCP Out=2128.17

(11)Storm Grate
Top=2134.00
6" CMP Out=2132.02

(12)Storm Grate
Top=2132.86
6" CMP In=2130.17
24" RCP In=2123.70
24" RCP Out=2132.86
Inverts Correct Per Field Inspection

(13)Storm Grate
Top=2116.95
18" RCP Out=2112.23

(14)Storm Grate
Top=2113.20
36" RCP In=2100.08
36" RCP Out=2099.60

(15)Storm Grate
Top=2115.17
36" RCP In=2098.02
36" RCP Out=2097.95

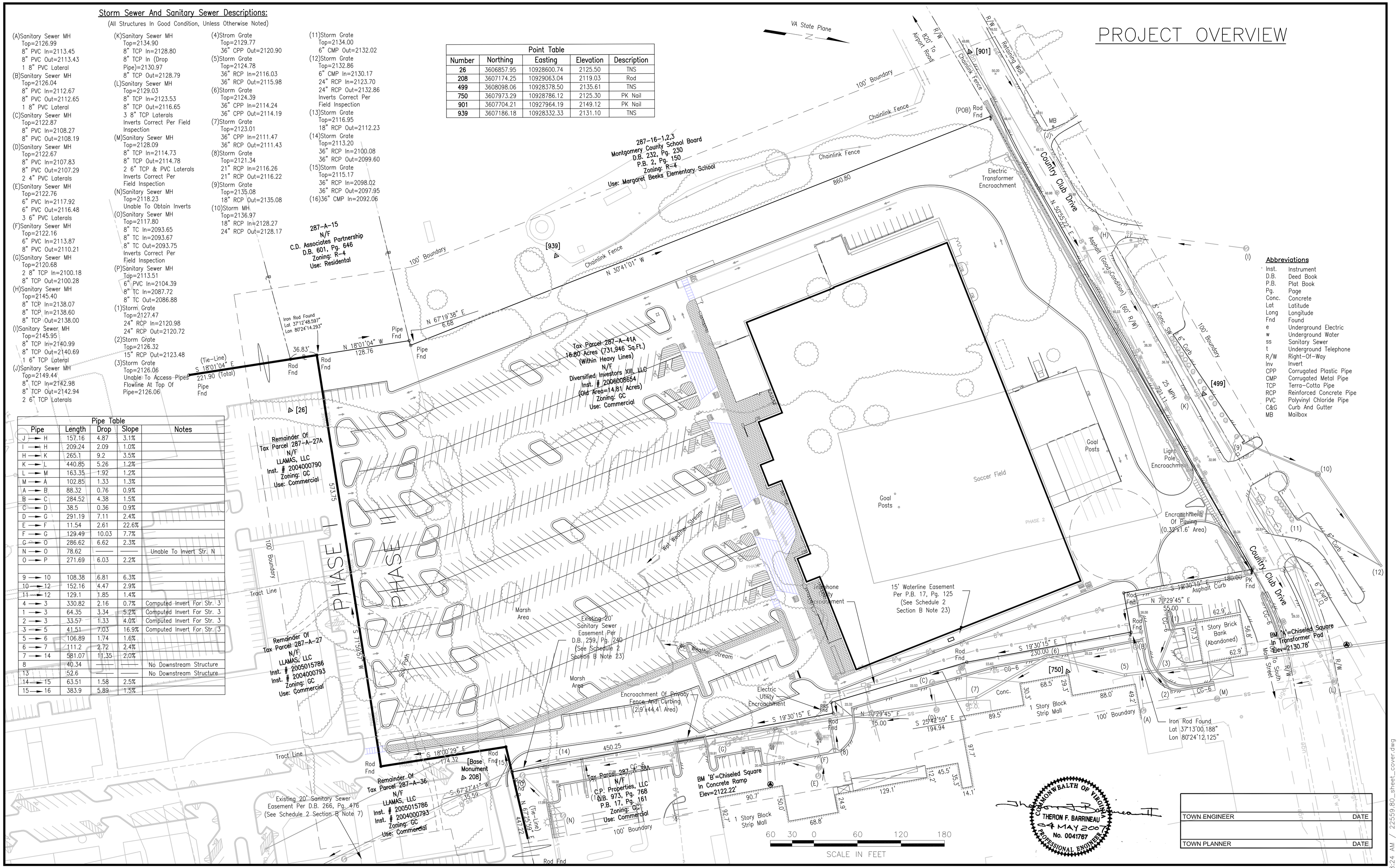
(16)36" CMP In=2092.06

### Point Table

| Number | Northing | Easting | Elevation | Description |
|---|---|---|---|---|
| 26 | 3606857.95 | 10928600.74 | 2125.50 | TNS |
| 208 | 3607174.25 | 10929063.04 | 2119.03 | Rod |
| 499 | 3608098.06 | 10928378.50 | 2135.61 | TNS |
| 750 | 3607973.29 | 10928786.12 | 2125.30 | PK Nail |
| 901 | 3607704.21 | 10927964.19 | 2149.12 | PK Nail |
| 939 | 3607186.18 | 10928332.33 | 2131.10 | TNS |

### Pipe Table

| Pipe | Length | Drop | Slope | Notes |
|---|---|---|---|---|
| J → H | 157.16 | 4.87 | 3.1% | |
| I → H | 209.24 | 2.09 | 1.0% | |
| H → K | 265.1 | 9.2 | 3.5% | |
| K → L | 440.85 | 5.26 | 1.2% | |
| L → M | 163.35 | 1.92 | 1.2% | |
| M → A | 102.85 | 1.33 | 1.3% | |
| A → B | 88.32 | 0.76 | 0.9% | |
| B → C | 284.52 | 4.38 | 1.5% | |
| C → D | 38.5 | 0.36 | 0.9% | |
| D → G | 291.19 | 7.11 | 2.4% | |
| E → F | 11.54 | 2.61 | 22.6% | |
| F → G | 129.49 | 10.03 | 7.7% | |
| G → O | 286.62 | 6.62 | 2.3% | |
| N → O | 78.62 | —— | —— | Unable To Invert Str. N |
| O → P | 271.69 | 6.03 | 2.2% | |
| | | | | |
| 9 → 10 | 108.38 | 6.81 | 6.3% | |
| 10 → 12 | 152.16 | 4.47 | 2.9% | |
| 11 → 12 | 129.1 | 1.85 | 1.4% | |
| 4 → 3 | 330.82 | 2.16 | 0.7% | Computed Invert For Str. 3 |
| 1 → 3 | 64.35 | 3.34 | 5.2% | Computed Invert For Str. 3 |
| 2 → 3 | 33.57 | 1.33 | 4.0% | Computed Invert For Str. 3 |
| 3 → 5 | 41.51 | 7.03 | 16.9% | Computed Invert For Str. 3 |
| 5 → 6 | 106.89 | 1.74 | 1.6% | |
| 6 → 7 | 111.2 | 2.72 | 2.4% | |
| 7 → 14 | 581.07 | 11.35 | 2.0% | |
| 8 | 40.34 | —— | —— | No Downstream Structure |
| 13 | 52.6 | —— | —— | No Downstream Structure |
| 14 → 15 | 63.51 | 1.58 | 2.5% | |
| 15 → 16 | 383.9 | 5.89 | 1.5% | |




## Abbreviations

| | |
|---|---|
| Inst. | Instrument |
| D.B. | Deed Book |
| P.B. | Plat Book |
| Pg. | Page |
| Conc. | Concrete |
| Lat | Latitude |
| Long | Longitude |
| Fnd | Found |
| e | Underground Electric |
| w | Underground Water |
| ss | Sanitary Sewer |
| t | Underground Telephone |
| R/W | Right-Of-Way |
| Inv | Invert |
| CPP | Corrugated Plastic Pipe |
| CMP | Corrugated Metal Pipe |
| TCP | Terra-Cotta Pipe |
| RCP | Reinforced Concrete Pipe |
| PVC | Polyvinyl Chloride Pipe |
| C&G | Curb And Gutter |
| MB | Mailbox |

COMMONWEALTH OF VIRGINIA
THERON F. BARRINEAU
04 MAY 2007
No. 0041767
PROFESSIONAL ENGINEER

| | |
|---|---|
| TOWN ENGINEER | DATE |
| TOWN PLANNER | DATE |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| | |
|---|---|
| DATE | : 04 MAY 07 |
| DESIGNED: | TFB |
| DRAWN | : LTB |
| CHECKED : | ---- |
| QA / QC | : ---- |

| REV. # | COMMENTS | DATE |
|---|---|---|
| ---- | ---- | ---- |
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**FIRST & MAIN BLACKSBURG**
PHASE II
BLACKSBURG, VIRGINIA

**PROJECT OVERVIEW**

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