

SITE GRADING NOTES:

1. NO CONSTRUCTION/FIELD CHANGES WITHOUT THE APPROVAL OF THE CONSULTING ENGINEER AND CITY OF ROANOKE PLANNING, BUILDING, AND DEVELOPMENT DEPARTMENT.
2. CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES AND TO PROPOSED INLETS.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES WITH EXISTING UTILITIES ARE LOCATED DURING THE GRADING PROCESS FOR THE SITE PRIOR TO PROCEEDING WITH ANY FURTHER WORK.
4. PROPOSED CONCRETE SIDEWALKS SHALL HAVE A MAX. 2% CROSS SLOPE TOWARDS THE PUBLIC ROADWAYS AND AWAY FROM THE PROPOSED BUILDING.
5. PROPERTY IS LOCATED WITHIN THE AE FLOODZONE AS SHOWN ON FEMA MAP 51161C0164G WITH MAP REVISION DATE OF SEPTEMBER 28, 2007. EXISTING FLOODPLAIN ELEVATION 937'.
6. G.C. SHALL BE RESPONSIBLE FOR CONFIRMING THE PAVEMENT TIE IN LOCATIONS & ELEVATIONS PRIOR TO ANY CONSTRUCTION TO CONFIRM EXISTING CONDITIONS. G.C. SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY QUESTIONS/CONCERNS OR DISCREPANCIES FOUND ON-SITE.

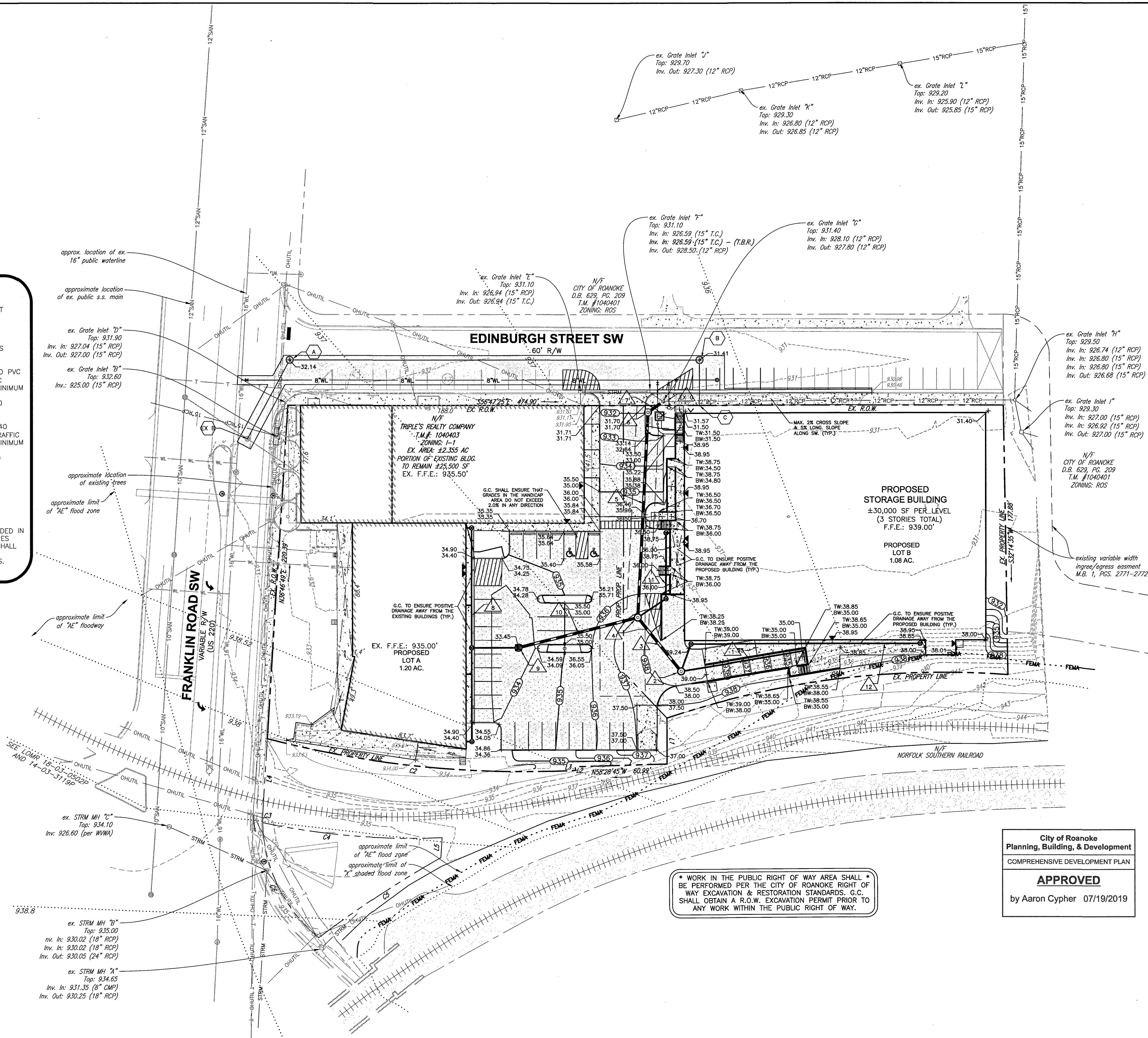
STORM STRUCTURE SCHEDULE:

- | | |
|---|--|
| 1. 88 LF OF 6" SCH. 40 PVC PIPE AND ADS DURALOT TRENCH DRAIN AT A MINIMUM SLOPE OF 1.0%
INV. OUT: 932.95 | 9. INV. OUT: 930.62
VDOT ST'D DI-1 INLET
TOP: 933.45
INV. IN: 930.62
INV. OUT: 929.95 |
| 2. VDOT ST'D MH-2
TOP: 938.30
INV. IN: 932.95
INV. OUT: 932.85 | 10. 82 LF OF 15" TYPE S HDPE PIPE @ 0.50%
INV. IN: 932.95
INV. OUT: 932.85 |
| 3. 46 LF OF 15" TYPE S HDPE PIPE @ 1.45%
INV. IN: 932.95
INV. OUT: 932.85 | 11. 65 LF OF 6" SCH. 40 PVC PIPE AND (2) TRAFFIC BEARING C.O. AT A MINIMUM SLOPE OF 1.0%
INV. AT BLDG: 933.00
INV. OUT: 932.30 |
| 4. VDOT ST'D MH-2
TOP: 937.18
INV. IN: 932.19
INV. OUT: 929.44 | 12. 166 LF OF 8" SCH. 40 PVC PIPE AND (2) TRAFFIC BEARING C.O. AT A MINIMUM SLOPE OF 2.0%
INV. AT BLDG: 936.00
INV. OUT: 932.95 |
| 5. 136 LF OF 15" TYPE S HDPE PIPE @ 0.80%
INV. IN: 932.19
INV. OUT: 929.44 | EX. EX. GRATE INLET "G"
EX. INV. IN: 928.10
NEW INV. IN: 928.20
EX. INV. OUT: 927.80 |
| 6. VDOT ST'D DI-3B INLET (6' THROAT)
TOP: 932.39
INV. IN: 928.35
INV. OUT: 928.25 | NOTES:
1. VDOT STD IS-1 INLET SHAPING SHALL BE PROVIDED IN ALL PROPOSED STRUCTURES
2. NON-SHRINK GROUT SHALL BE USED FOR ALL STORM SEWER PIPE CONNECTIONS. |
| 7. 10 LF OF 15" CLASS III RCP PIPE @ 0.50%
INV. IN: 928.35
INV. OUT: 928.25 | |
| 8. 95 LF OF 6" SCH. 40 PVC PIPE AND (3) ST'D C.O. AT A MINIMUM SLOPE OF 1.0%
INV. AT BLDG: 931.50 | |

SANITARY SEWER SCHEDULE:

- ex. s.s. mh B (A) 59 LF OF 8" PVC SDR-35 AT 1.04%
INV. OUT: 923.00
- (A) S.S. MH PUBLIC (STANDARD LID)
TOP=932.14
INV. IN=923.71
INV. OUT=923.61
- (A) (B) 272 LF OF 8" PVC SDR-35 AT 1.04%
MH PUBLIC (STANDARD LID)
TOP=931.41
INV. IN= 926.64
INV. OUT=926.54
- (B) (C) 30 LF OF 6" PVC SDR-35 AT 1.04%
S.S. CO TYP. (FLUSH TOP)
TOP=931.41
INV.=926.95

(G.C. TO CONFIRM & COORDINATE ALL TIE IN LOCATIONS W/M.E.P. & ARCH. DRAWINGS PRIOR TO ANY INTERIOR OR EXTERIOR S.S. PIPE BEING INSTALLED. NOTIFY ENGINEER IMMEDIATELY IF DISCREPANCIES ARE DISCOVERED PRIOR TO ANY CONSTRUCTION)

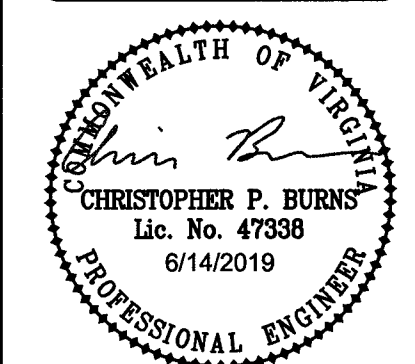


* WORK IN THE PUBLIC RIGHT OF WAY AREA SHALL BE PERFORMED PER THE CITY OF ROANOKE RIGHT OF WAY EXCAVATION & RESTORATION STANDARDS. G.C. SHALL OBTAIN A R.O.W. EXCAVATION PERMIT PRIOR TO ANY WORK WITHIN THE PUBLIC RIGHT OF WAY.

City of Roanoke
Planning, Building, & Development
COMPREHENSIVE DEVELOPMENT PLAN
APPROVED
by Aaron Cypher 07/19/2019



Roanoke / Richmond
New River Valley / Staunton
Harrisonburg / Lynchburg
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Roanoke, VA 24018
540.772.9580



VIRGINIA VARSITY STORAGE BUILDING
GRADING PLAN
1548 FRANKLIN ROAD SW
CITY OF ROANOKE, VA

DRAWN BY: EJP
DESIGNED BY: BTC
CHECKED BY: CPB
DATE: 5/1/2019
SCALE: 1" = 30'
REVISIONS:
6/14/2019

C4
PROJECT NO: 03180074.00