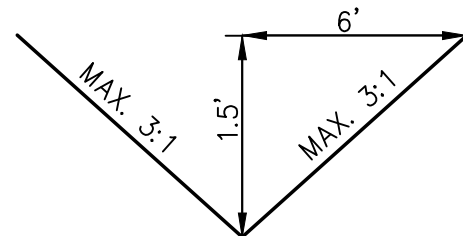


SITE GRADING NOTES:

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 2% CROSS SLOPE TOWARDS THE PUBLIC ROADWAYS AND AWAY FROM THE PROPOSED BUILDING.
5. PROPERTY IS NOT LOCATED WITHIN A FEMA DEFINED FLOOD ZONE.
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.



*NOTE: NO LINING REQ'D/PERMANENT SEEDING/MULCH

DITCH SECTION A
NTS

STORM STRUCTURE SCHEDULE:

- | | |
|---|---|
| 1. VDOT ST'D DI-1 TOP
TOP:1123.50
INV. IN:1115.80
INV. OUT:1115.70 | 14. ACCESS PORT W/CONC.
COLLAR
TOP:1120.75 |
| 2. 16 LF OF 15" RCP
AT 3.53% | 15. 17 LF OF 15" RCP
AT 5.5% |
| 3. VDOT ST'D MH-2 (60" MH)
TOP:1123.75
INV. IN:1115.14
INV. OUT:1115.04 | 16. OMITTED |
| 4. 20 LF OF 36" RCP
AT 1.0% | 17. VDOT ST'D DI-1
TOP:1123.85
INV. OUT:1118.85 |
| 5. VDOT STD. MH-2 (72" MH)
TOP:1123.25
INV. IN:1114.84
INV. OUT:1114.74 | 18. 33 LF OF 15" TYPE S
HDPE PIPE AT 1.9%
INV. OUT:1118.23 |
| 6. 260 LF OF 36" RCP
AT 1.19% | 19. VDOT ST'D DI-1
TOP:1125.75
INV. OUT:1119.75 |
| 7. VDOT ST'D MH-2 (60" MH)
TOP:1118.50
INV. IN:1111.40 (STR. #15)
INV. IN:1111.65 (STR. #6)
INV. OUT:1111.30 | 20. 131 LF OF 15" TYPE S
HDPE PIPE AT 3.34%
INV. OUT:1115.5 |
| 8. 10 LF OF 36" RCP
AT 0.48% | 21. VDOT ST'D DI-1 TOP
W/CONC. COLLAR
TOP:1120.50 |
| 9. 36" RCP END
SECTION
INV. OUT: 1111.25 | 22. HORIZONTAL ROOFLEADER
(TO SERVE BOTH BLDGS)
410 LF OF 8" SCH.40
PVC PIPE AT 2.0%
W/6 CLEANOUTS
INV. IN:1116.8 (84" PIPE)
INV. OUT:1122.0
(SEE CORNER OF BLDG.) |
| 10. VDOT ST'D DI-1 TOP
W/CONC. COLLAR
TOP:1123.0 | |
| 10A. VDOT ST'D DI-1 TOP
W/CONC. COLLAR
TOP:1122.90 | |
| 11. 210 LF OF 84" ALLUMINIZED
CMP PIPE AT 1.00%
INV. IN:1114.63
INV. OUT:1112.53 | |
| 12. VDOT ST'D DI-1 TOP
W/CONC. COLLAR
TOP:1122.00 | |
| 13. 108 LF OF 84" ALLUMINIZED
CMP PIPE AT 1.00%
(102 LF FOR S.W.M.)
W/WEIR WALL & ORIFICE/TRASH RACK
(SEE DETAIL FOR SPECIFIC
ELEVATIONS)
INV. IN:1112.53
INV. OUT:1111.45 | |

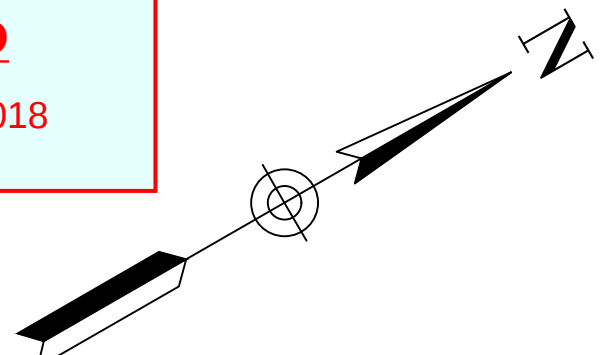
NOTES:

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.

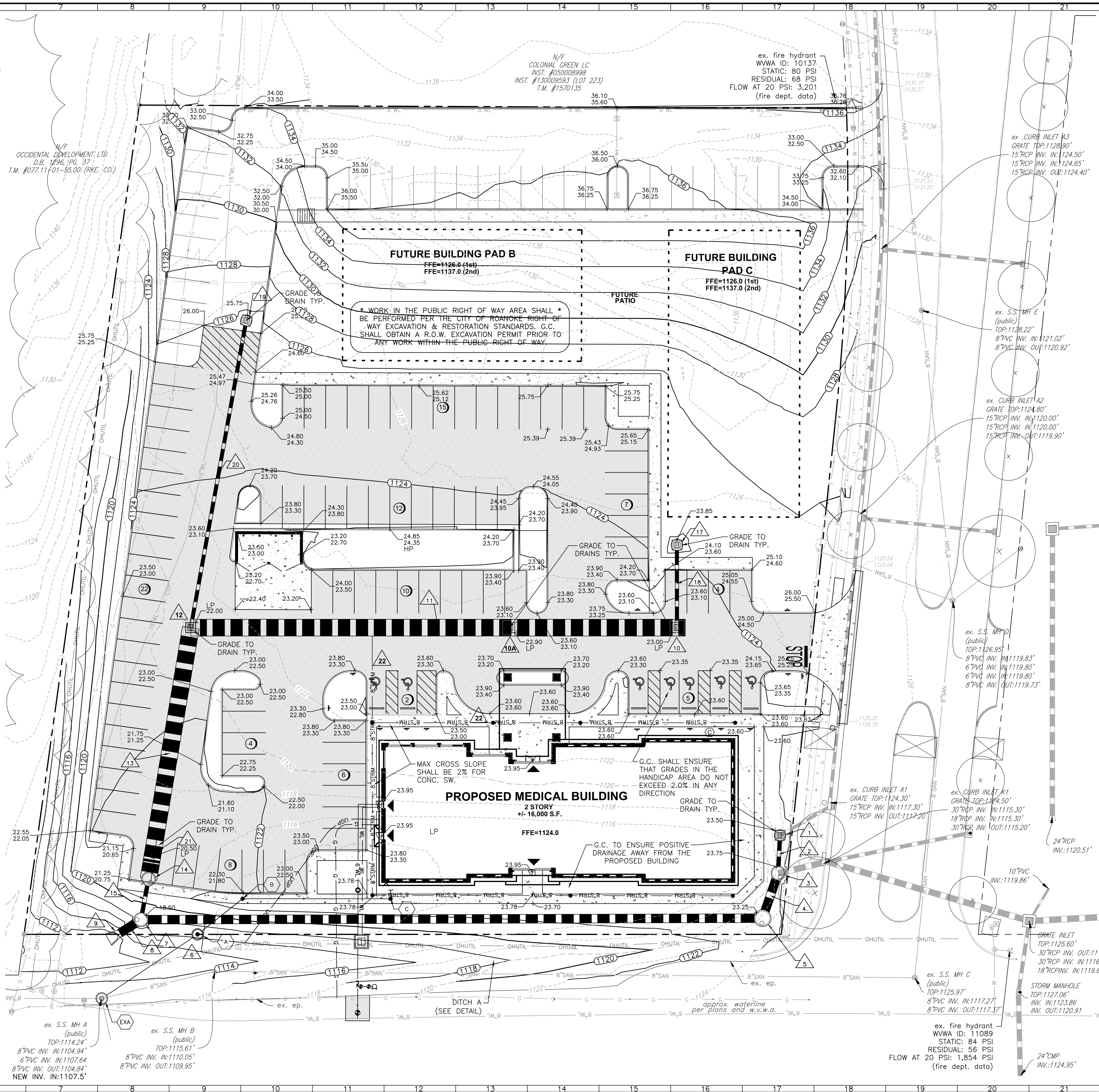
City of Roanoke
Planning, Building, & Development
COMPREHENSIVE DEVELOPMENT PLAN

APPROVED

by plkr1 08/17/2018



SCALE: 1" = 20'



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COMMONWEALTH OF VIRGINIA
CHRISTOPHER P. BURNS
Lic. No.047338
6/12/18
PROFESSIONAL ENGINEER

COLONIAL GREEN MEDICAL
3501 COLONIAL GREEN CIRCLE, SW

GRADING PLAN

CITY OF ROANOKE, VIRGINIA

DRAWN BY BTC
DESIGNED BY BTC
CHECKED BY CPB
DATE 4/13/2018
SCALE 1"=20'

REVISIONS:
5/18/2018
6/12/2018

SHEET NO.

C4

JOB NO. 03170145.00