GENERAL GRADING NOTES: EROSION AND SEDIMENT CONTROL MEASURES: PROVIDE THE FOLLOWING: 1. THE CONTRACTOR SHALL REVIEW THE EROSION & SEDIMENT CONTROL NARRATIVE FOR PHASING OF EROSION & SEDIMENT (CE) CONSTRUCTION ENTRANCE MEETING VA ESCH STD. & SPEC. 3.02 CONTROL MEASURES. THE CONTRACTOR SHALL COMPLY WITH LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF THE SITE. REFER TO THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK FOR DETAILS AND (SF) SILT FENCE MEETING VA ESCH STD. & SPEC. 3.05 SPECIFICATIONS OF THOSE EROSION CONTROL ITEMS FOUND ON THESE DRAWINGS. (IP) INLET PROTECTION MEETING VA ESCH STD. & SPEC. 3.07 THE CONTRACTOR SHALL PROVIDE ALL GRADING, GENERAL EXCAVATION, AND FINISH GRADING AS INDICATED ON THE DRAWINGS. WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH VDOT STANDARDS AND SPECIFICATIONS. ALL FILLS AND BACKFILLS (TO) TOPSOILING MEETING VA ESCH STD. & SPEC. 3.30 SHALL BE UNIFORMLY COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DENSITY. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES. (TS) TEMPORARY SEEDING MEETING VA ESCH STD. & SPEC. 3.31 (PS) PERMANENT SEEDING MEETING VA ESCH STD. & SPEC. 3.32 3. A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN, AND MAINTENANCE LOGS SHALL BE KEPT ON SITE AND AVAILABLE FOR REVIEW AS REQUESTED. (BM) BLANKET MATTING MEETING VA ESCH STD. & SPEC. 3.36 4. ALL EARTH SLOPES AND DENUDED AREAS SHALL BE SEEDED AND MULCHED AS REQUIRED FOR STABILIZATION WITHIN SEVEN (7) (DC) DUST CONTROL MEETING VA ESCH STD. & SPEC. 3.39 DAYS OF COMPLETION OF EXCAVATION OPERATIONS. REFERENCE IS DIRECTED TO THE SEEDING REQUIREMENTS. TEMPORARY RIGHT-OF-WAY DIVERSION MEEETING VA ESCH STD. & SPEC 3.11 GENERAL EROSION AND SEDIMENT CONTROL MEASURES / CONSTRUCTION SEQUENCE: CONSTRUCTION WILL BE SEQUENCED TO INSTALL INITIAL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO DEMOLITION. • CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION ENTRANCE PER VA ESCH STD. & SPEC 3.02. CONTRACTOR SHALL VERIFY OR INSTALL SILT FENCE AS SHOWN ON PLANS. AFTER THE INITIAL MEASURES ARE INSTALLED, THE CONTRACTOR MAY BEGIN GRADING, INSTALLATION OF STORM PIPE AND UTILITIES. INSTALL INLET PROTECTION AS NEEDED AS STORM IS INSTALLED. CONTRACTOR SHALL DIVERT DISTURBED AREAS TO NEW INLET PROTECTIONS AS THEY ARE INSTALLED TO LIMIT AREA TO CURB INLET IN FRANKLIN ONCE INSTALLATION OF THE PROPOSED UNDERGROUND UTILITIES ARE COMPLETED. CONTRACTOR MAY BEGIN FINAL GRADING. AS FINAL GRADES ARE MET, NECESSARY ESC MEASURES ARE TO BE INSTALLED. ONCE THE SITE HAS BEEN STABILIZED, THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MAY BE REMOVED AND THOSE AREAS BROUGHT TO FINAL GRADE AND STABILIZED. THE CONTRACTOR SHALL COORDINATE WITH LOCAL AUTHORITY PRIOR TO REMOVING THE EROSION AND SEDIMENT CONTROL MEASURES. ALL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE LOCAL PROGRAM AUTHORITY. ALL ESC MEASURES TO BE ALTERED OR REMOVED REQUIRE LOCAL AUTHORITY APPROVAL. • THE SILT FENCE, INLET PROTECTION, CULVERT INLET PROTECTION, AND DIVERSION DIKES SHALL BE REMOVED FROM THE PROJECT ONCE ALL DISTURBED AREAS ARE STABILIZED AND PERMANENT VEGETATION IS ESTABLISHED. THE USE OF A FILTER DEVICE SHALL BE USED TO DEWATER SEDIMENT LADEN WATER. U.S. RTE #220 FRANKLIN ROAD, S.W. - MATCH EXISTING: 80' WDE TC:1005.51 FL:1005.01 SPEED LIMIT 35MPH WORK IN THIS AREA IS TO BE PERFORMED PER EXCAVATION AND RESTORATION STANDARDS - MATCH EXISTING: ··· TC:1004.63 FL:1004.13 FL:1005.08 EP:1005.25 MATCH EXISTING: — TC:1008.10 FL:1010.98 FL:1009.14 FL:1005.97 FL:1006.54 FL:1007.60 EP:1009.30 EP:1006.14 EP:1006.70 , FL:1004.37 AN EP:1007.77 * EP:1004.53 ----- SAN ------- SAN ------- SAN ------- SAN ------- SAN ------- SAN ------- SAN --------- SAN --------0.4± MILE TO PI WITH BROADWAY AVENUE. SW LIMITS OF DISTURBANCE = 0.74 ACRES TC:1009.56 -FL:1009.06 EP:1009.23 FL:1005.07 TC:1006.59 --**PROPOSED** FL:1007.25 EP:1007.41 FL:1006.09 >> FL:1006.99 - TC:1011.81 FL:1007.25 BUILDING FL:1011.31 FF = 1012' — TC:1011.99 🛚 🍇 FL:1011.49

"¹" TOP:1018.00

BOT:1012.00

BOT:1012.00 ****

TOP:1018.00

20' 10' 0'

GRAPHIC SCALE

TC:1009.94 ---

TOP:1019.16

BOT:1013.16

TC:1008.29 🛬

- TC:1009.08

FL:1008.58

TC:1009.94

TC:1007.23 -

FL:1006.73

PIPE FOUND

AT 27.09'

PIN FOUND

TC:1008.29

FL:1007.79

FL:1007.79

FL:1009.12

TC:1010.79 -

FL:1010.29

TOP:1019.32

BOT:1013.32

BOT:1012.49 * TOP:1018.49 _

-- TC:1010.00

FL:1009.50

TC:1010.16

FL:1009.66

TAX #1300524

PROPERTY OF

JAMES N. & HEIDA L. DOLLMAN

INST. #050010755

EP:1009.82

FL:1009.44

TC:1010.59 -

FL:1010.09

15' SANITARY SEWER

- EASEMENT (SEE M.B. 1, PG. 460)

FL:1011.69

- TOP:1019.00

TOP:1019.04 ---BOT:1013.04

• BOT:1013.00 <

-- TOP:1018.00 ...

EBOT:1012.00 -

TAX #1300523

PROPERTY OF

WILLIAM R. & STEFANIE S. FOWLER

INST. #050017692



DESIGN GROUP

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SIMON L. RUTROU Lic. No. 05077 05/16/2018

ion a **(1)** red <u>Q</u> 0 a 0

(1)

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(1)

0

TC:1004.00

MAG NAIL FOUND

TAX #1300513

PROPERTY OF

GREGORY ROANOKE

BAD/BMW RE LLC

INSŤ. #160000402

EXISTING 20' DRAINAGE

EASEMENT (SEE M.B. 1, PG.

- APPROXIMATE LOCATION OF

EXISTING (2) 36" STORM PIPES PER CAMÈRA INSPECTION OF LINES.

NEW PORTION BEING

ADDED TO THE EXISTING

EASEMENT (474 SQ. FT.)

FL:1003.50

 \geq **REVISIONS:**

SANITARY SEWER

TOP = 1006.412'FF = 1001.112'

TOP = 1005.822'

INVO 12' = 999.322'

FF = 999.722'

City of Roanoke

Planning, Building, & Developmen

COMPREHENSIVE DEVELOPMENT PLAN

APPROVED

by Adrian Gilbert 06/13/2018

1003.412'

INVIN 12" = 1000.512'

INVIN 10" FROM CLEAN OUT =

INVO 12" TO SS-2 = 100.512'

INVIN 12" = 999.422' FROM SS-1

DESIGNED BY: DRAWN BY:

CHECKED BY: SLR

DATE: March 14, 2018 SHEET TITLE:

Grading & ESC Plan

1" = 20'SHEET NO.

JOB NO. 17-0187:02