

- NOTES:

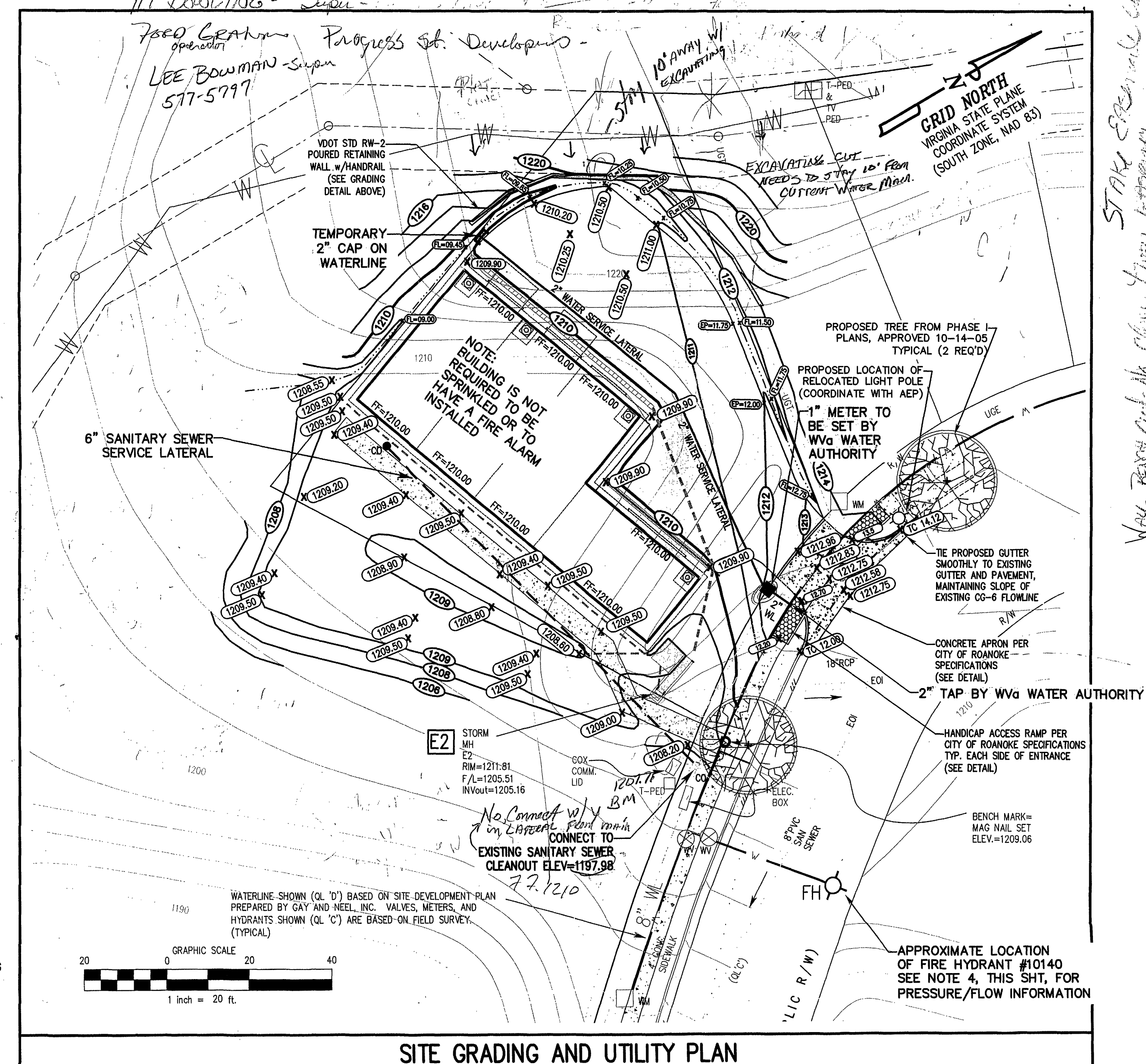
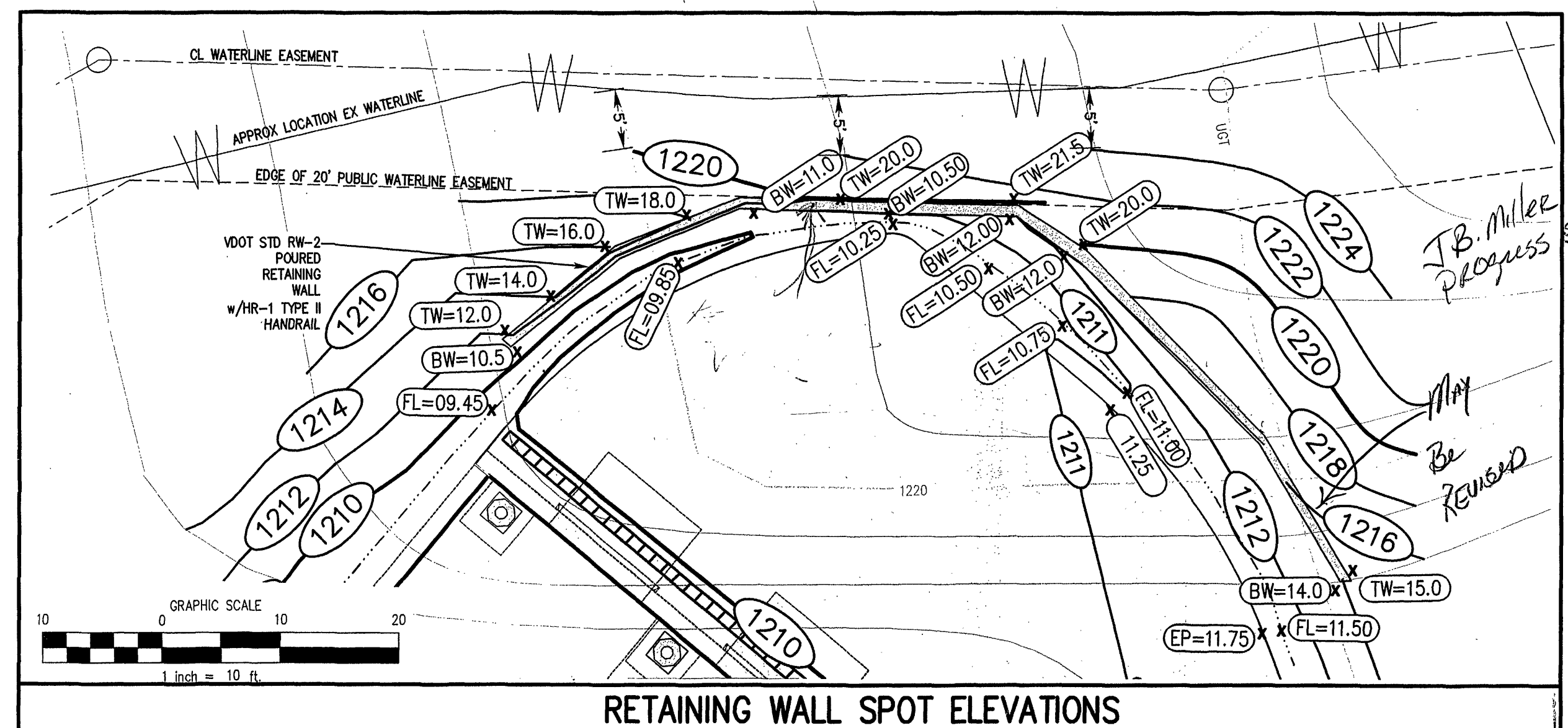
1. PROPOSED CONCRETE SIDEWALK SHALL BE TIED TO THE PROPOSED DWELLING UNITS VIA 5' WIDE CONCRETE SIDEWALKS, COORDINATED WITH THE BUILDING PLANS.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE BUILDING DIMENSIONS SHOWN HEREON WITH THE BUILDING PLANS PRIOR TO THE START OF CONSTRUCTION.
3. PROPOSED TRENCH DRAIN AND TRENCH DRAIN COVER SHALL BE SELECTED BY THE OWNER, AND APPROVED BY THE ENGINEER. THE TRENCH DRAIN SHALL PROVIDE A MINIMUM EQUIVALENT DIAMETER OF 6" TO THE POINT OF INTERSECTION WITH THE TRENCH DRAIN FROM UNIT #1 AND A MINIMUM EQUIVALENT DIAMETER OF 8" TO THE DISCHARGE POINT
4. HYDRANT #10140 WAS FIELD TESTED BY THE WESTERN VIRGINIA WATER AUTHORITY FOR A FLOW OF 1010 GPM WITH A RESIDUAL PRESSURE IN THE SYSTEM OF 32 PSI. FLOW CAN BE ACHIEVED FROM THIS HYDRANT OF 1640 GPM AT A RESIDUAL PRESSURE OF 20 PSI

MS-16

UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:

- A. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
- B. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
- C. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.
- D. MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
- E. RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE AS SOON AS AREA SURROUNDING AND COVERING UTILITY CONSTRUCTION REACHES FINAL GRADE.
- F. APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.

NOTE: ALL UTILITIES ON SITE ARE PRIVATE



(SEE SHEET 7 OF 9 FOR FILTERRA GRADING DETAIL)

GAY AND NEEL, INC.
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
SURVEYING

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Site Grading and Utility Plan

**Colonial Green
Phase I, Lot 2A1
Comprehensive
Site Plan**

COMMONWEALTH OF VIRGINIA
J. T. Neel
 JOHN T. NEEL
 Lic. No. 035780
 04/19/11
 PROFESSIONAL ENGINEER

REVISÉ:

APPROVED
MAY 02 2011

DESIGNED/CALC.: MTJ
CHECKED: JTN
DRAWN: LHS
SCALE: AS SHOWN
DATE: 04/12/11

JOB NO.	2160.0
SHEET 4	OF 9