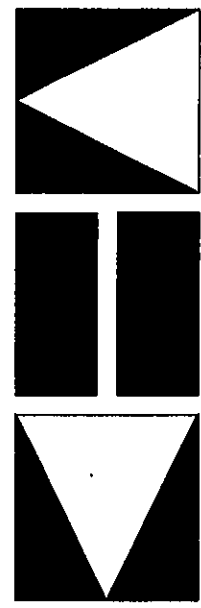


GENERAL

1. All construction methods and materials shall conform to the current specifications and standards of the Virginia Department of Transportation, Road and Bridge Standards 2001 and Road and Bridge Specifications, 2002.
2. All concrete to be Class "A-3" air entrained (3,000 P.S.I.)
3. Temporary drainage construction to be provided by the contractor to relieve areas that may cause damage to roadways.
4. All storm sewer pipes shall be reinforced concrete tongue and groove conforming to ASTM C-76. Pipes not subject to traffic loading shall be Class II and pipes subject to traffic load and all pipes within street right-of-way shall be Class III. Concrete pipe joints shall be sealed with a ring of mastic-type materials such as RAM-NED, RUBR-NEK, or BUTYL-TITE, install per manufacture's recommendations, and conforming to ASTM C-76. Clearance of 12" between storm and other utilities is required unless otherwise noted.
5. Prior to construction or excavation, the contractor shall assume the responsibility of locating any underground utilities (public or private) that may exist and cross through the area of construction that are not shown on these plans. Before you dig, to miss utilities call "MISS UTILITY" of Virginia at 1-800-552-7001. The contractor shall be responsible for repairing, at his expense, any existing utilities damaged during construction.
6. This plan does not guarantee the existence, nonexistence, size, type, location alignment or depth of any or all underground utilities or other facilities. Where surface features (manholes, catch basins, valves, etc.) are unavailable or inconclusive, information shown may be from utilities owner's records and/or electronic line tracing, the reliability of which is uncertain. The contractor shall perform whatever test excavation or other investigation is necessary to verify locations and clearances, and shall report immediately any discrepancies to Kimley-Horn and Associates, Inc. at (804) 673-3882.
7. Relocation of any utilities is to be at the developer's expense and completed with the site work. All new utility line installation must be underground (i.e., Telephone, Virginia Power, cable TV, etc.).
8. Prior to construction within any existing right-of-way, the contractor shall obtain a permit.
9. The contractor shall be responsible for replacing with matching materials any pavement, driveways, walks, curbs, etc., that must be cut or that are damaged during construction.
10. Curbs and gutters shall be constructed in sections of uniform lengths, approximately 10', as necessary to form closures. Expansion joints shall be formed at intervals of approximately 100' using 5/8" premolded bituminous fiber joint filler.
11. Endwalls and flared end sections are not to be constructed or installed on outfall pipes until the VDOT inspector approves of the installation.
12. Rip-Rap shall be provided at all endwalls and flared end sections where velocities exceed 6 f.p.s.
13. All storm sewer pipes, drop inlets and curb inlets shall be cleaned of debris and eroded materials at the last stages of construction.
14. All slopes within right-of-way or city easements shall be topsoil and seeded in accordance with the applicable VDOT specifications and shall not exceed maximum slope of 2:1.
15. Elevations as shown hereon are based on NAVD 88.
16. When materials which are unsuitable for foundations, sub-grades, or other roadway purposes occur within the limits of street construction, the contractor shall be required to excavate such materials below grade shown on plans and the areas so excavated shall be back filled with approved suitable materials. The extent of all undercutting and back filling shall be approved by the Engineer with compensation set forth in the contract document.
17. Pre-cast structures to be built and assembled in accordance with VDOT Standard 103.01 & .02 and other applicable standards.
18. Storm sewer pipes as shown on the plan view are measured from the centerline of each structure and invert elevations are established based on this center line distance. Length call outs for pipes with flared end sections will be measured to the joint. Contractors shall locate all end sections to match the bank with length to remains per the plan and the pipe slope to be adjusted as necessary.
19. All storm drainage pipe lengths are measured form center of structure to center structure, except as follows:
- A. (Catch basins) - Pipe lengths are measured to center of-structure.
- B. (Outfalls) - Pipe lengths designate the length between center of structure and end of the flared end section.
20. Fill of Existing Ditches
- A. The area within the top of bank of existing ditches shall be denuded of all vegetation, and those areas under buildings or parking areas shall be scarified and compacted to a depth of 6 inches to the same degree as the material which is to be placed thereon.
- B. Select borrow used to fill the voids shall consist of local or commercial materials void of roots and debris meeting the following requirements:
1. Be USCS soil classification system (ASTM D2487) Type II, or Type III excluding SM and SC.
2. Grading: (When tested in accordance with VTM-25)
- | Type | 3" Sieve | 2" Sieve | #200 Sieve |
|------|----------|-------------|------------|
| II | | Minimum 100 | 25 |
| III | 3 | Minimum 100 | 20 |
- | Atterberg Limits | Max Liquid Limit | Max Plastic Limit |
|------------------|------------------|-------------------|
| Type II | 30 | 9 |
| Type III | 30 | 9 |
4. Select borrow obtained from off-site sources must have a value of fifteen (15) or greater (<) based on the California bearing ratio test for shearing resistance as explained in ASTM Article D 1883.
21. All drop inlets and curb inlets shall have IS-1 shaping.
22. Contractor shall conform to the "Overhead High Voltage Act" (effective July 1, 1989) and shall contact the necessary authorities prior to start of construction.

ROANOKE, VA
CVS STORE 3949



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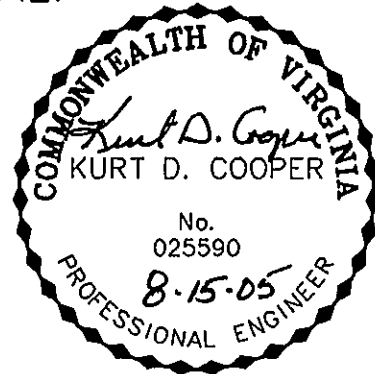
**Kimley-Horn
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CVS/
pharmacy

13,013 S.F. PROTOTYPE

STORE NUMBER: #3949

INTERSECTION OF
BRANDON AVE & COLONIAL AVE.
ROANOKE, VIRGINIA

OWNER/DEVELOPER:

THE REBKEE COMPANY
1020 OLD BON AIR ROAD
RICHMOND, VA 23235
PHONE: (804) 560-0500
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REVISIONS:

LAYOUT COORD: COB

PLANNING MGR. COB

DRAWING BY: MRA

DATE: 05/09/05

JOB NUMBER: 113001048

TITLE:

**GENERAL
NOTES**

SHEET NUMBER:

C10

COMMENTS: