

LEGEND:

- (M) PROPOSED METER
- PROP. SANITARY SEWER CLEANOUT
- E — PROPOSED ELECTRIC LINE
- G — PROPOSED GAS LINE
- SS — PROPOSED SANITARY SEWER LINE
- T — PROPOSED TELEPHONE LINE
- W — PROPOSED WATER LINE
- ▨ POTENTIAL UTILITY CONFLICT
- ⊕ GATE VALVE
- PROPOSED SAMPLING STRUCTURE

UTILITY CALLOUTS:

- 1 8" PVC Class 150 AWWA C900 Fireline (Min. 36" Cover)
- 2 1 1/2" Type R copper water line (Min. 36" cover)
- 3 8" 45° Bend
- 4 8" X 8" TEE
- 5 1 1/2" X 1 1/2" TEE
- 6 1 1/2" 45° Bend
- 7 1 1/2" 22.5° BEND
- 8 8" 22.5° BEND
- 9 Tie into 8" Existing water main
- 10 1" RPZ Backflow preventer (Provide unions for winter removal)
- 11 3/4" Meter and Meter Setting for Irrigation Service
- 12 1" Irrigation Service Line
- 13 8" Fire hydrant assembly
- 14 Not Used
- 15 Sampling Structure S-07 see sheet C9 for detail
- 16 Contractor to coordinate with Verizon for telephone service.
- 17 Contractor to coordinate with AEP Power for connection to existing service.
- 18 Contractor to coordinate with Roanoke Gas Company for connection to existing gas service at existing valve.
- 19 12" X 8" Vault and gate valve to be supplied and installed by the Western Virginia Water Authority
- 20 Utility Easment
- 21 Pressure Reducing Valve in a Meter box
- 22 Connect to fire supply stub provided by the Western Virginia Water Authority.
- 23 Connect to domestic water supply stub provided by the Western Virginia Water Authority.
- 24 Connect into existing sanitary MH.

Note:
All fittings and bends on 8" water and 6" water shall be restrained with thrust restraints in accordance with manufacturers recommendations.

SANITARY SEWER:

NUMBER	TOP		
CO1	FINISH GRADE	1063.66'	BUILDING = 1068.00'
CO2	FINISH GRADE	1062.16'	
CO3	FINISH GRADE	1060.66'	
CO4	FINISH GRADE	1059.16'	
CO5	FINISH GRADE	1063.60'	BUILDING = 1068.00
SAM. MANHOLE	FINISH GRADE	1058.46'	
EX. MANHOLE	FINISH GRADE	1057.12'	

PIPE RUN	LENGTH
CO1 — BUILDING	17 LF ~ 6" SDR 26 PVC @ 2.0% min.
CO1 — CO2	75 LF ~ 6" SDR 26 PVC @ 2.0% min.
CO2 — CO3	75 LF ~ 6" SDR 26 PVC @ 2.0% min.
CO5 — BUILDING	20 LF ~ 6" SDR 26 PVC @ 2.0% min.
CO3 — CO5	68 LF ~ 6" SDR 26 PVC @ 6.0% min.
CO3 — CO4	75 LF ~ 6" SDR 26 PVC @ 2.0% min.
CO4 — CO6	34 LF ~ 6" SDR 26 PVC @ 2.0% min.
CO6 — SAMPLING MANHOLE	10 LF ~ 6" SDR 26 PVC @ 2.09% min.
SAM. MH — EX. MANHOLE	28 LF ~ 6" SDR 26 PVC @ 4.10% min.

GENERAL UTILITY NOTES:

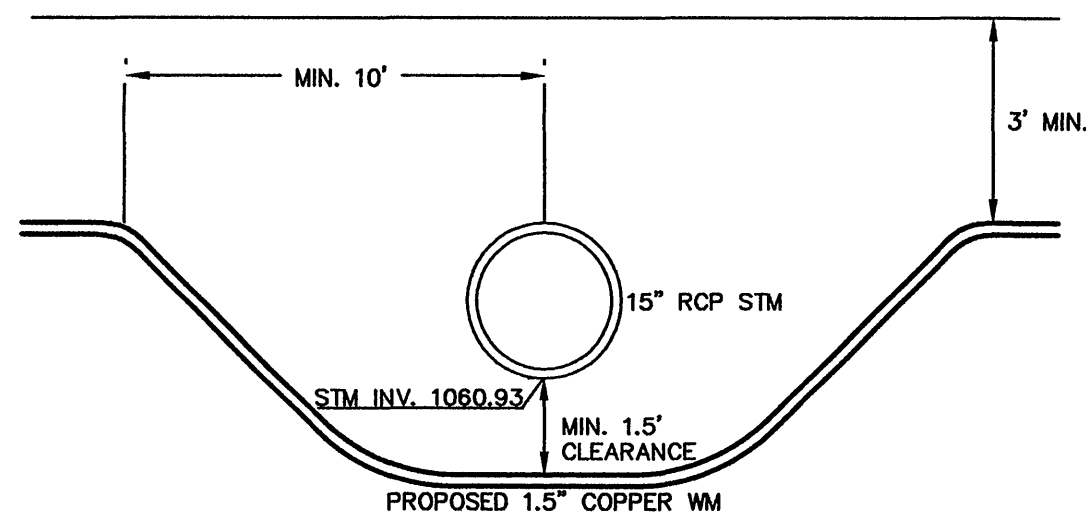
- ALL PROPOSED UTILITIES ARE TO BE INSTALLED UNDERGROUND, INCLUDING ELECTRIC, TELEPHONE, AND CATV.
- CROSS CONNECTION CONTROL AND BACKFLOW PREVENTION SHALL BE IN ACCORDANCE WITH THE UNIFORM STATEWIDE BUILDING CODE.
- CONTRACTOR SHALL COORDINATE WITH THE WESTERN VIRGINIA WATER AUTHORITY FOR THE INSTALLATION OF WATER METERS.
- CONTRACTOR SHALL REFERENCE BUILDING PLANS FOR UTILITY CONNECTIONS INSIDE BUILDING.
- CONTRACTOR SHALL REMOVE EXISTING ONSITE WATER METER AND PLUG EXISTING WATER SERVICE
- CONSTRUCTION AND INSTALLATION OF WATER VAULT TO BE PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY UTILITY DEPARTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION AND SHORING PER OSHA REGULATIONS.

UTILITY NOTES:

- A. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST WESTERN VIRGINIA WATER AUTHORITY STANDARDS AND SPECIFICATIONS.
- B. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED UTILITIES BE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE OWNER IMMEDIATELY FOR DIRECTIONS.
- C. CONTRACTOR SHALL COORDINATE ANY INTERRUPTION OF UTILITY SERVICE WITH OWNER AND UTILITY COMPANY.
- D. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. AT LEAST 48 HOURS PRIOR TO ANY DEMOLITION, GRADING, OR CONSTRUCTION ACTIVITY THE CONTRACTOR SHALL NOTIFY THE WESTERN VIRGINIA WATER AUTHORITY FOR PROPER IDENTIFICATION OF EXISTING UTILITIES WITHIN THE PROJECT SITE.
- E. ANY PLANNED INTERRUPTION OF UTILITY SERVICE SHALL BE GIVEN A 48 HOUR NOTICE TO THE UTILITY COMPANY AND THE OWNER.
- F. CONTRACTOR SHALL SAW CUT, REMOVE, AND REPLACE ASPHALT PAVEMENT AS NECESSARY TO INSTALL UNDERGROUND ELECTRIC, TELEPHONE, SEWER, WATER, AND COMMUNICATION CONDUITS.
- G. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL POWER COMPANY STANDARDS.
- H. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL AND TELEPHONE SERVICE WITH APPROPRIATE LOCAL UTILITY.
- I. 18" OF CLEARANCE TO BE MAINTAINED BETWEEN STORM, SANITARY, AND ALL UTILITIES

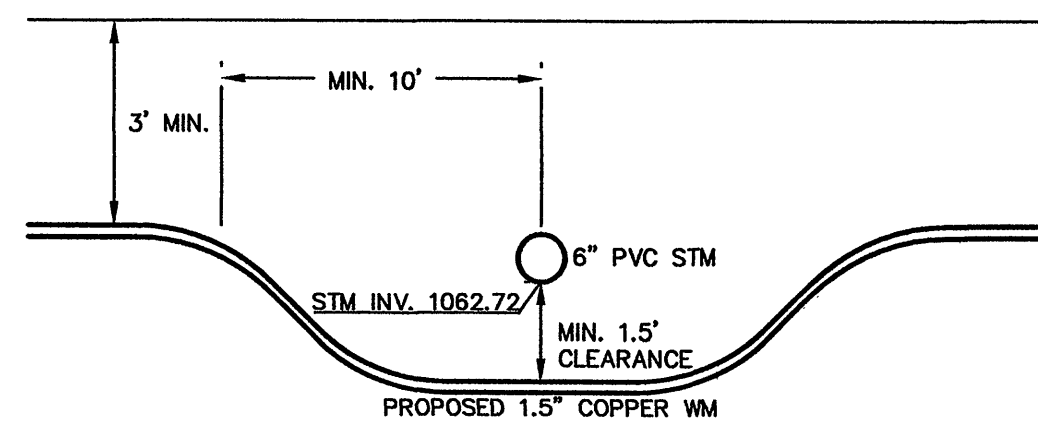
Conflict Detail "A"

(NOT TO SCALE)



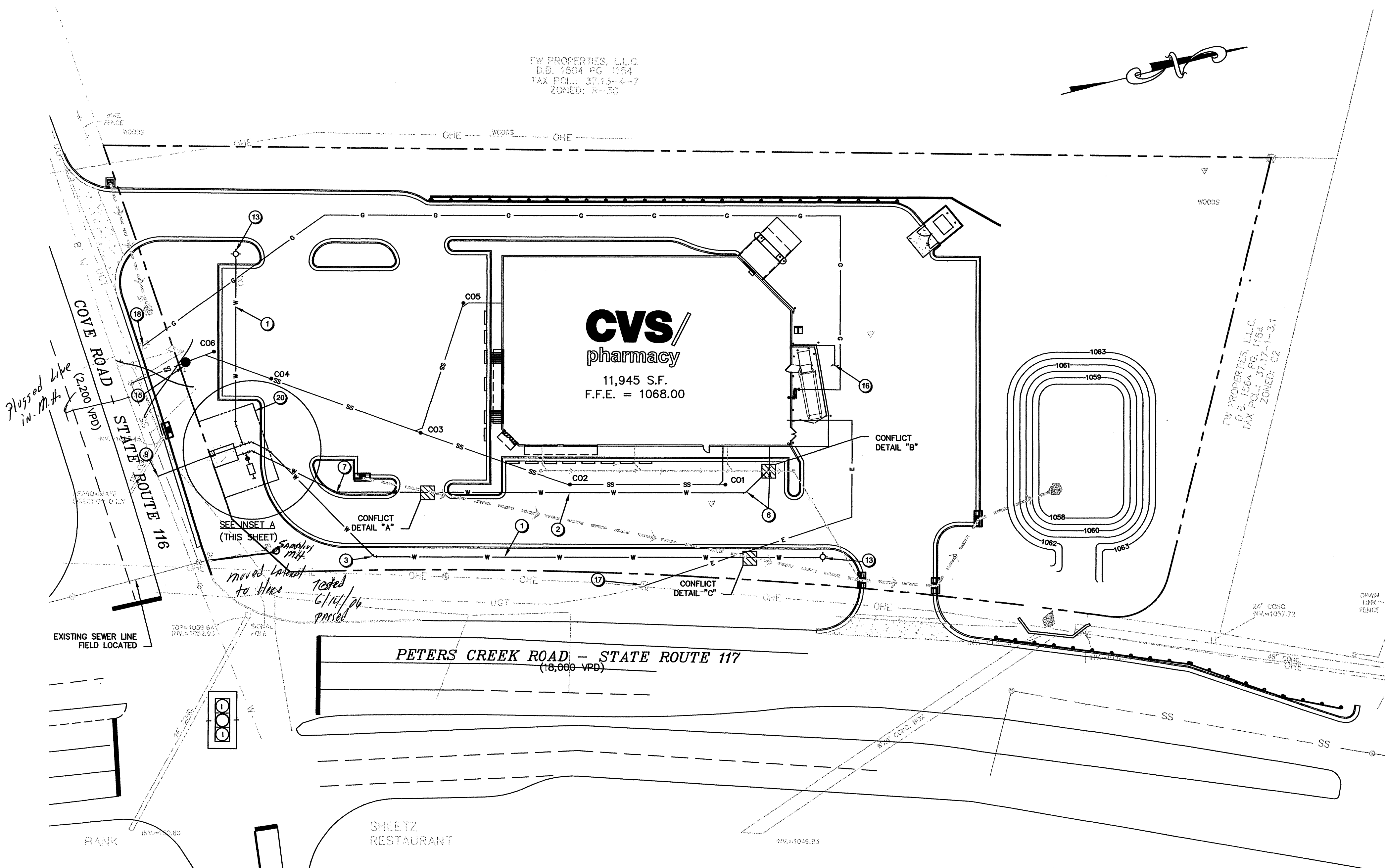
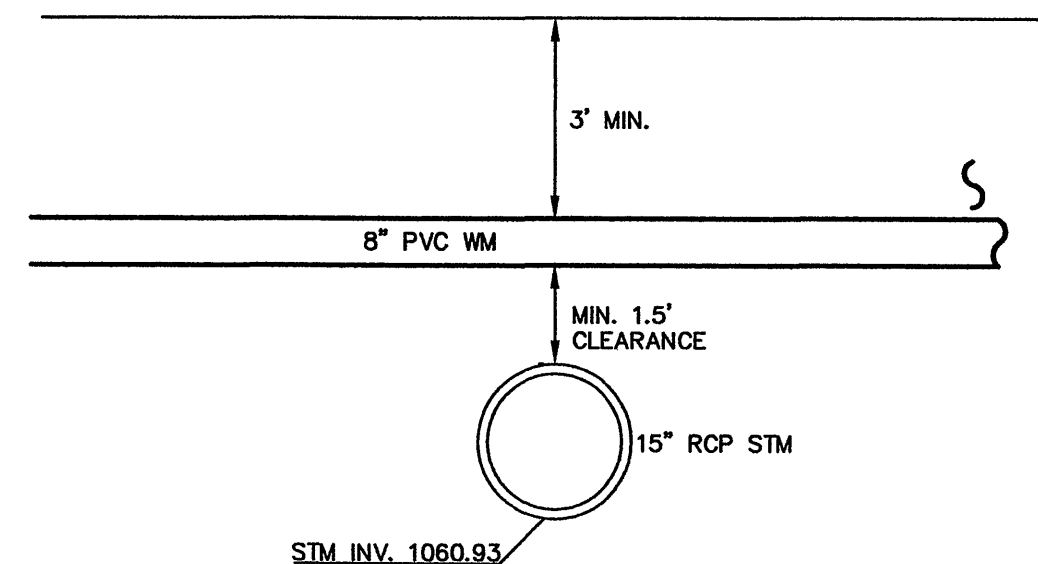
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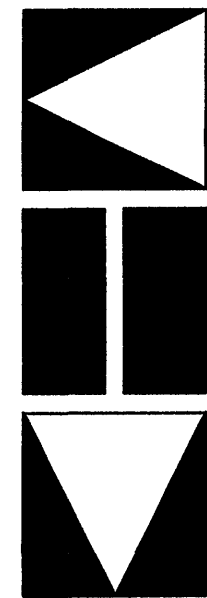
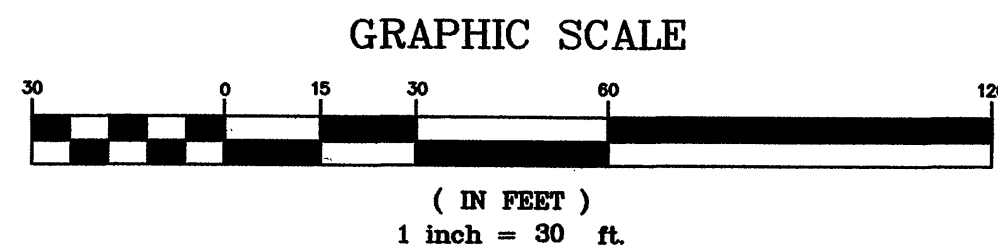


Conflict Detail "C"

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ROANOKE, VA
CVS STORE #6296

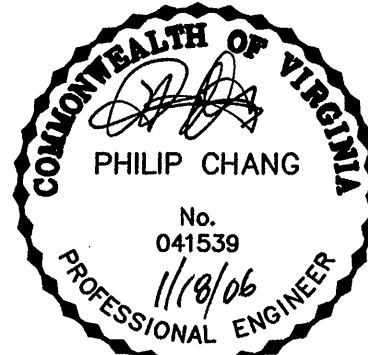


**Kimley-Horn
and Associates, Inc.**
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CONSULTANT:

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SEAL:



**CVS/
pharmacy**
11,945 S.F. PROTOTYPE
STORE NUMBER: #6296

INTERSECTION OF
PETERS CREEK RD. & COVE RD.
ROANOKE, VIRGINIA

OWNER/DEVELOPER:

THE REBKEE COMPANY
1020 OLD BON AIR ROAD
RICHMOND, VA 23235
PHONE: (804) 560-0500
FAX: (804) 560-0778

REVISIONS:

- Δ COUNTY COMMENTS 12/27/05
Δ FINAL SUBMITTAL 01/18/06

LAYOUT COORD: DBE

PLANNING MGR. KDC

DRAWING BY: DHL

DATE: 11/15/05

JOB NUMBER: 113001052

TITLE:

UTILITY PLAN

SHEET NUMBER:

C6

COMMENTS: