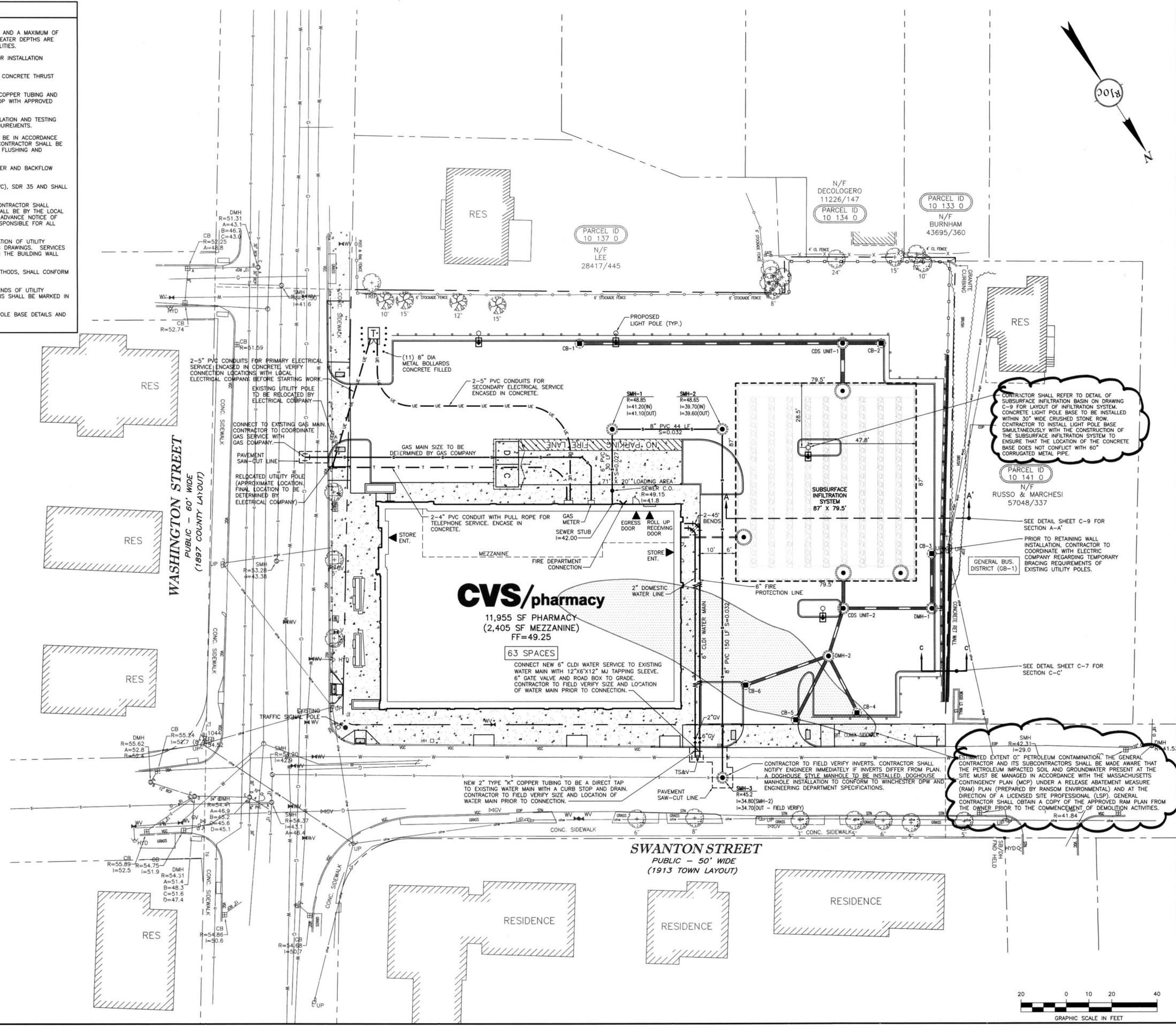


UTILITY NOTES

- ALL WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 5'-0" AND A MAXIMUM OF 6'-0" OF COVER EXCEPT AS NOTED OR DETAILED OTHERWISE. GREATER DEPTHS ARE PERMITTED WHERE REQUIRED TO AVOID CONFLICTS WITH OTHER UTILITIES.
- WATER MAIN FITTINGS IDENTIFIED ON THIS DRAWING ARE SHOWN FOR INSTALLATION LOCATION PURPOSES.
- ALL WATER MAIN FITTINGS, TEES, ETC. SHALL BE RESTRAINED WITH CONCRETE THRUST BLOCKS.
- DOMESTIC WATER SERVICES 2.5" AND SMALLER SHALL BE TYPE K COPPER TUBING AND SHALL BE INSTALLED WITH APPROPRIATELY SIZED CORPORATION STOP WITH APPROVED SADDLE.
- ALL WATER MAIN APPURTENANCES, MATERIALS, METHODS OF INSTALLATION AND TESTING REQUIREMENTS SHALL MEET OR EXCEED ALL LOCAL MUNICIPAL REQUIREMENTS.
- PRESSURE AND LEAKAGE TEST, DISINFECTION AND FLUSHING SHALL BE IN ACCORDANCE WITH ALL LOCAL MUNICIPAL STANDARDS AND REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS IN CONNECTION WITH UTILITY TESTS, FLUSHING AND INSPECTIONS AS REQUIRED BY THE LOCAL MUNICIPALITY.
- SEE ARCHITECTURAL PLANS FOR LOCATION OF PRIMARY WATER METER AND BACKFLOW PREVENTER.
- ALL GRAVITY SEWER PIPE SHALL BE POLYVINYL CHLORIDE PIPE (PVC), SDR 35 AND SHALL CONFORM WITH ASTM-D3034 UNLESS NOTED OTHERWISE.
- PROPOSED GAS SERVICE LOCATION IS APPROXIMATE ONLY. THE CONTRACTOR SHALL CONFIRM WITH THE GAS COMPANY THAT GAS LINE INSTALLATION SHALL BE BY THE LOCAL GAS COMPANY. THE CONTRACTOR SHALL GIVE THE GAS COMPANY ADVANCE NOTICE OF WHEN THE GAS LINE CAN BE INSTALLED. THE CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION, BACKFILL AND COMPACTION FOR THE GAS LINE.
- DUE TO THE SCALE OF THE SITEWORK DRAWINGS, THE EXACT LOCATION OF UTILITY SERVICES TO THE BUILDING SHALL BE VERIFIED WITH THE BUILDING DRAWINGS. SERVICES TO THE BUILDING SHALL BE INSTALLED TO A POINT 10 FEET FROM THE BUILDING WALL UNLESS OTHERWISE NOTED OR DETAILED.
- ALL UTILITIES, PIPE MATERIALS, STRUCTURES, AND INSTALLATION METHODS, SHALL CONFORM TO THE TOWN OF WINCHESTER STANDARDS AND REQUIREMENTS.
- SUITABLE, TEMPORARY PLUGS SHALL BE INSTALLED IN THE OPEN ENDS OF UTILITY SERVICES TO THE BUILDING PRIOR TO BACKFILLING. STUB LOCATIONS SHALL BE MARKED IN THE FIELD SO THAT THEY MAY BE EASILY LOCATED.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR LIGHT POLE BASE DETAILS AND SPECIFICATIONS.

PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
⊕	⊕	UTILITY POLE
R	R	RIM
I	I	INVERT
⊕	⊕	HYDRANT W/BOLLARDS
⊕	⊕	GATE VALVE
G	G	GAS LINE
S	S	SEWER LINE
W	W	WATER LINE
T	T	TELEPHONE LINE
UE	UE	ELECTRIC LINE
OHW	OHW	OVERHEAD WIRE
⊕	⊕	LIGHT POLE
⊕	⊕	TRANSFORMER PAD LOCATION
⊕	⊕	APPROXIMATE LIMITS OF PETROLEUM CONTAMINATION



CONTRACTOR SHALL REFER TO DETAIL OF SUBSURFACE INFILTRATION BASIN ON DRAWING C-9 FOR LAYOUT OF INFILTRATION SYSTEM. CONCRETE LIGHT POLE BASE TO BE INSTALLED WITHIN 30" WIDE CRUSHED STONE ROW. CONTRACTOR TO INSTALL LIGHT POLE BASE SIMULTANEOUSLY WITH THE CONSTRUCTION OF THE SUBSURFACE INFILTRATION SYSTEM TO ENSURE THAT THE LOCATION OF THE CONCRETE BASE DOES NOT CONFLICT WITH 60" CORRUGATED METAL PIPE.

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION, THE GENERAL CONTRACTOR AND ITS SUBCONTRACTORS SHALL BE MADE AWARE THAT THE PETROLEUM IMPACTED SOIL AND GROUNDWATER PRESENT AT THE SITE MUST BE MANAGED IN ACCORDANCE WITH THE MASSACHUSETTS CONTINGENCY PLAN (MCP) UNDER A RELEASE ABATEMENT MEASURE (RAM) PLAN (PREPARED BY RANSOM ENVIRONMENTAL) AND AT THE DIRECTION OF A LICENSED SITE PROFESSIONAL (LSP). GENERAL CONTRACTOR SHALL OBTAIN A COPY OF THE APPROVED RAM PLAN FROM THE OWNER PRIOR TO THE COMMENCEMENT OF DEMOLITION ACTIVITIES.

**CVS pharmacy**

11,955 SF PHARMACY WITH NO DRIVE THRU

STORE NUMBER: 10129  
WASHINGTON STREET AND SWANTON STREET  
WINCHESTER, MA  
PROJECT TYPE: NEW CONSTRUCTION  
DEAL TYPE: GROUND LEASE

CS PROJECT # 65348

CIVIL ENGINEER:

**RJO'CONNELL & ASSOCIATES, INC.**  
CIVIL ENGINEERS, SURVEYORS & LAND PLANNERS  
80 MONTVALE AVE  
STONEHAM, MA 02180  
PHONE: 781-279-0180  
FAX: 781-279-0173

DEVELOPER:

**GBC**  
GERSHMAN BROWN CROWLEY INC.

GERSHMAN BROWN CROWLEY, INC.  
14 BREAKNECK HILL RD, SUITE 101  
LINCOLN, RI 02865  
TEL (401) 721-1605  
PROJECT CONTACT: PAUL BECK

SEAL:

BRIAN P. DUNDON  
CIVIL ENGINEER  
No. 41805  
PROFESSIONAL ENGINEER

6-20-13

REVISIONS:

REVISED PER TOWN COMMENTS	1/24/2013
SUBMIT TO ZBA FOR SITE PLAN APPROVED	2/15/2013
REVISED PER TOWN COMMENTS	5/08/2013
REVISED PER TOWN COMMENT LETTER	5/29/2013
REVISED PER ZBA COMMENTS FROM JUNE HEARING	6/20/2013

PROJECT MANAGER: JSK  
DRAWING BY: KPM  
REVIEWED BY: JSK/MJW  
DATE: 10/05/2012  
JOB NUMBER: 11071  
TITLE: UTILITY PLAN

SHEET NUMBER: **C-4**

COMMENTS:  
NOT FOR CONSTRUCTION

Drawing notes: C:\Users\Project\MA\Winchester\Washington Street and Swanton\Main\11071\_UT.dwg  
Date: 7/20/13 12:38pm