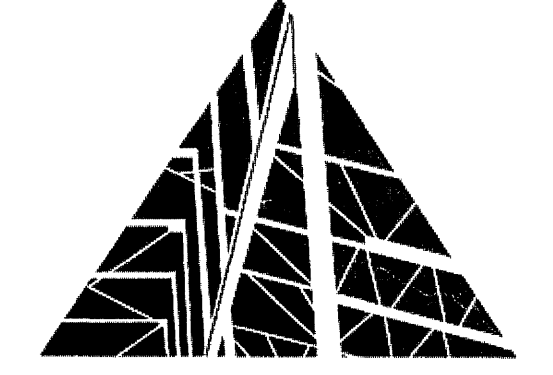


KEY PLAN

GENERAL NOTES

1. CONTRACTOR TO CONFIRM LOCATION & INVERTS PRIOR TO INSTALLATION OF NEW SERVICE LINES.
2. CONTRACTOR TO CONTACT THE WESTERN VIRGINIA WATER AUTHORITY (853-5700) PRIOR TO EXTENDING WATER & SEWER SERVICE LINES AND TO COORDINATE THE CONNECTION TO THE EXISTING WATER AND SEWER MAINS. WORK IS TO CONFORM TO WVWA STANDARDS.
3. CONTRACTOR SHALL COORDINATE ELECTRICAL WORK WITH AMERICAN ELECTRIC POWER CO.
4. CLEAN-OUTS IN PAVEMENT OR SIDEWALK SHALL BE SET IN 6" DIAMETER CAST IRON VALVE BOX WITH TOP SET FLUSH WITH FINISHED PAVED GRADE.
5. GAS SERVICE LINE IS SHOWN FOR GENERAL INFORMATION ONLY. EXACT LOCATION TO BE DETERMINED AND INSTALLED BY ROANOKE GAS COMPANY.
6. SANITARY SEWER LATERALS SHALL BE INSTALLED AT 1.0% SLOPE (MIN.) FROM POINT OF CONNECTION TO BUILDING. CONTRACTOR TO CONFIRM INVERT OF EXISTING MAIN OR LATERAL PRIOR TO INSTALLATION OF LATERAL.
7. REFER TO BUILDING PLANS FOR EXACT LOCATION OF UTILITY SERVICE CONNECTIONS.
8. PAINT ALL PRIVATE FIRE HYDRANTS WHITE.
9. WATER SHALL HAVE 18" (MIN) SEPARATION OVER SEWER.



SPECTRUM DESIGN
architects | engineers

10 CHURCH AVE SE, PLAZA SUITE 1 ROANOKE, VIRGINIA 24011 540.342.0001

CAVE SPRING MIDDLE SCHOOL ROANOKE, VA

VA DOE PROJECT #080-62-00-101

SPECTRUM DESIGN PROJECT NO. 10006



DATE	17 APRIL, 2011
DESIGN ARCHITECT	MAR
PROJECT ARCHITECT	MF
CHECKED BY	NUMBER
DRAWN BY	DATE
REVISIONS	1
CO. COMMENTS	06/08/11

SHEET TITLE

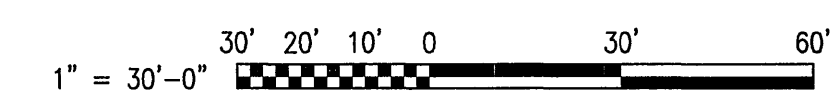
UTILITY PLAN - NORTH

C105

- GENERAL NOTES (CONT'D):
- ALL EXTERIOR LIGHTING FIXTURES SHALL BE DESIGNED, LOCATED AND ARRANGED SO AS NOT TO DIRECT GLARE ON ADJOINING STREETS OR RESIDENTIAL PROPERTIES. THE INTENSITY AT ADJOINING STREETS OR RESIDENTIAL PROPERTIES SHALL NOT EXCEED 0.5 FOOT CANDLES.
 - WHERE MODIFICATION TO EXISTING MANHOLES ARE REQUIRED, CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING NEW PRE-CAST RISER JOINTS WITH EXISTING STRUCTURE JOINTS OF OLD STRUCTURES.
 - UNDERGROUND UTILITIES HAVE BEEN LOCATED USING THE BEST INFORMATION AVAILABLE. CONTRACTOR SHALL EXCAVATE WITH CARE TO LOCATE ALL AFFECTED UTILITIES PRIOR TO WORK WITHIN THOSE AREAS. VERIFY UTILITY DEPTH, SIZE, AND POSITION AND NOTIFY A/E IMMEDIATELY IF NOT AS SHOWN OR CONFLICTS WITH WORK.
 - NEW SANITARY SEWER ON-SITE SHALL BE PRIVATE.

LEGEND	
—G—	GAS LINE
—GV—	GAS VALVE
—4"W—	WATERLINE, SIZE AS INDICATED
—6"F—	FIRE SERVICE, SIZE AS INDICATED
—4"FDC—	FIRE DEPARTMENT CONNECTION PIPING
—FDC—	FDC
—6"SS—	SANITARY SEWER LINE
—SSCO—	SANITARY SEWER CLEANOUT
—SS—	SS MANHOLE, IDENTIFIER AS INDICATED
—10"W—	EXISTING WATER LINE, SIZE AS INDICATED
—8"ss—	EXISTING SANITARY SEWER, SIZE AS INDICATED

WET-TAP PER WVWA GUIDELINES, JACK & BORE UNDER RANCHCREST PER DET ON SHEET C504. OPEN CUT IF CONN. IS WITHIN PAVEMENT, PATCH PER VDOT SECTION ON C501. OPEN CUT PER DET 23/C502



PRILLAMAN, JOHN R.
5046 RANCHCREST DR.
PARCEL #086.12-01-48
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