

J:\13054\Civil\DWG\13054 Utility.dwg, Plotted: Jun 09, 2014 - 5:04pm

\* GRIFFIN 8" x 4" D.I.P. Class 350  
\* CLA-VAL Model 584 Flex Check Valve  
\* SENSUS METER # 74051546  
READING: 00,000,100 01/05/2014

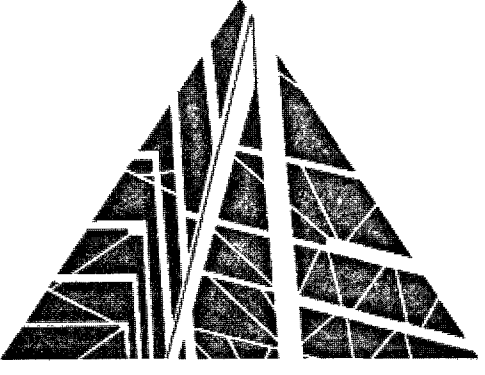
KEYNOTES:

- 1 WATER VAULT PER DETAIL 43/C504.
- 2 16"x8" WET TAP PER WWA GUIDELINES, DETAIL W-23/C504.
- 3 ACID NEUTRALIZATION TANK INSIDE 5' DIA MANHOLE, SEE SHEET P301.
- 4 FIRE HYDRANT W/6" GATE VALVE PER DETAIL W-18/C504.
- 5 EXISTING STORM DRAIN TO REMAIN IN USE AND UNDISTURBED.
- 6 THRUST BLOCKING PER DETAIL W-19/C504.
- 7 POWER POLE TO REMAIN IN USE.
- 8 SEWER LATERAL FROM BUILDING.
- 9 TRENCH UTILITIES IN ACCORDANCE WITH DETAIL 40/C504 (TYP).
- 10 8" DUCTILE IRON PIPE (D.I.P.) FROM MAIN CONNECTION TO VAULT.
- 11 YARD HYDRANT WITH 3/4" SUPPLY. SEE P104 FOR CONTINUATION.

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 SERVICE LINES AND TO COORDINATE THE CONNECTION TO THE EXISTING WATER MAINS. WORK IS TO CONFORM TO WWA 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

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GLENVAR HIGH SCHOOL RENOVATIONS & ADDITIONS

ROANOKE COUNTY

VA DOE PROJECT#:80-61-00-101

SPECTRUM DESIGN PROJECT NO. 13054



DATE	06 APRIL 2014
DESIGN ARCHITECT	CZV
PROJECT ARCHITECT	MF
CHECKED BY	NUMBER
DRAWN BY	1
REVISIONS	DATE
COUNTY REVIEW #1	05/13/14
COUNTY REVIEW #2	06/05/14

SHEET TITLE

UTILITY PLAN - EAST

C107

MATCHLINE - SEE SHEET C106

