

**\* CAUTION !!!**  
 COORDINATE ALL WORK ASSOCIATED WITH THE PIPELINE CROSSINGS WITH THE FOLLOWING:  
 CONOCO-PHILIPS  
 MR. JIM NOLAND AT 918-661-0138  
 (PROVIDE AT LEAST 72 HOURS NOTICE)  
 QUEST PIPELINES (KPC)  
 MR. JOE FOWLER AT 913-764-6015  
 (PROVIDE AT LEAST 72 HOURS NOTICE)

**CAUTION !!!**  
 12" Steel Pipe Line \*  
 (ConocoPhillips, Propane)

**CAUTION !!!**  
 8" Steel Pipeline \*  
 (Quest, Natural Gas)

**CAUTION !!!**  
 16" Steel Pipe Line \*  
 (ConocoPhillips, Refined Products)

**CAUTION !!!**  
 15" RCP  
 Storm Water Sewer

N: 19,672.6538, E: 22,405.3403  
 WL 1, Sta. 31+37.32  
 1- 8" CI CL MJ 90° Bend  
 Defl. = 90°00'00"

N: 19,672.6538, E: 22,347.3708  
 WL 1, Sta. 30+79.35  
 8" CI CL MJ 90° Bend

N: 20,133.3341, E: 22,405.3403  
 WL 1, Sta. 35+98.00  
 1- 8" CI CL MJ 22 1/2° Bend (Vert.)  
 Defl. = 22°53'26"

Sta. 34+75 to Sta. 35+93  
 Install 118 L.F. Steel  
 Casing by boring or  
 Directional Drilling.  
 Min. I.D. = 18"

460.68'- 8" Pipe

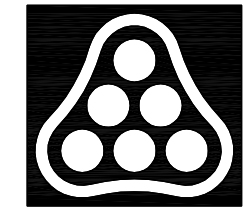
~~N: 20,144.5841, E: 22,364.7140  
 WL 6, Sta. 07+11.00  
 1- 2" Bluff Assembly  
 Top Valve Box El. = 1426.36~~

**CAUTION !!!**  
 18" RCP  
 Storm Water Sewer

N: 20,144.5841, E: 22,405.3403  
 WL 1, Sta. 36+09.25=  
 WL 6, Sta. 0+00.00  
 1- 8" CI CL MJ 22 1/2° Bend (Vert.)  
 Defl. = 22°53'26"  
 1- 8" x 8" CI CL MJ Tee  
 (Key Block)  
 2- 8" Anchored Valve Assemblies (N&W)  
 (MJ Gate Valves)  
 Top Valve Box El. = 1425.6 (N)  
 Top Valve Box El. = 1425.8 (W)  
 1- 8" CI MJ Plug (N)

Saved: 01-19-2009 3:06:22 PM by R.W.  
 Plot Scale: 1"=40' 01-21-2009 12:00:01 PM  
 C:\2009\08429\DWG\CHANGE ORDER\1\PPW\08429-C-605-WATERLINE PLAN (NORTH).DWG

**AS BUILT 4/15/2009**



No.	Revision	By	Date

WATER DISTRIBUTION SYSTEM IMPROVEMENTS  
 APOLLO ELEMENTARY SCHOOL - USD 265  
 GODDARD, KANSAS  
**WATER LINE PLAN (NORTH)**  
 JAMES L. ARMOUR, P.E. - CITY ENGINEER  
 PRIVATE PROJECT NO. 1449 PFW (607853)  
**Professional Engineering Consultants, P.A.**  
 303 S. TOPEKA • WICHITA, KANSAS 67202  
 316-262-2691 • FAX 316-262-3003

Designed by	RRY, MDK	Job No.	35-08429-259	Sht. C605
Drawn by	TDS	Date	OCTOBER 2008	