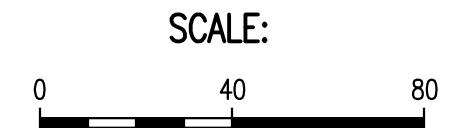
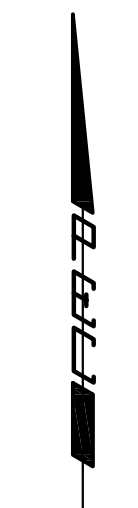


WL CURVE DATA
 $\Delta = 7^{\circ}43'0''$ Lt = 20.14' D = 0° 57' 45.5" R = 5952.00' L = 801.62' T = 401.42' E = 13.52'
 CURVE DATA BASED ON \hat{C} RADIUS $\Delta/2 = 3^{\circ} 51' 30''$

WL STATION	WL ARC LENGTH	CHORD LENGTH ON 20.14' OFFSET Right	DEFLECTION ANGLE	TOTAL DEFLECTION
PC 12+51.22			0°00'00.0"	0°00'00.0"
12+75.00	23.78'	23.86'	0°06'52.0"	0°06'52.0"
13+00.00	25.00'	25.08'	0°07'13.2"	0°14'05.2"
13+25.00	25.00'	25.08'	0°07'13.2"	0°21'18.4"
13+50.00	25.00'	25.08'	0°07'13.2"	0°28'31.6"
13+75.00	25.00'	25.08'	0°07'13.2"	0°35'44.8"
14+00.00	25.00'	25.08'	0°07'13.2"	0°42'58.0"
14+25.00	25.00'	25.08'	0°07'13.2"	0°50'11.1"
14+50.00	25.00'	25.08'	0°07'13.2"	0°57'24.3"
14+75.00	25.00'	25.08'	0°07'13.2"	1°04'37.5"
15+00.00	25.00'	25.08'	0°07'13.2"	1°11'50.7"
15+25.00	25.00'	25.08'	0°07'13.2"	1°19'03.9"
15+50.00	25.00'	25.08'	0°07'13.2"	1°26'17.1"
15+75.00	25.00'	25.08'	0°07'13.2"	1°33'30.3"
16+00.00	25.00'	25.08'	0°07'13.2"	1°40'43.4"
16+25.00	25.00'	25.08'	0°07'13.2"	1°47'56.6"
16+50.00	25.00'	25.08'	0°07'13.2"	1°55'09.8"
16+75.00	25.00'	25.08'	0°07'13.2"	2°02'23.0"
17+00.00	25.00'	25.08'	0°07'13.2"	2°09'36.2"
17+02.05	2.05'	2.06'	0°00'35.5"	2°10'11.7"
17+25.00	22.95'	23.03'	0°06'37.7"	2°16'49.4"
17+50.00	25.00'	25.08'	0°07'13.2"	2°24'02.5"
17+75.00	25.00'	25.08'	0°07'13.2"	2°31'15.7"
18+00.00	25.00'	25.08'	0°07'13.2"	2°38'28.9"
18+25.00	25.00'	25.08'	0°07'13.2"	2°45'42.1"
18+50.00	25.00'	25.08'	0°07'13.2"	2°52'55.3"
18+75.00	25.00'	25.08'	0°07'13.2"	3°00'08.5"
19+00.00	25.00'	25.08'	0°07'13.2"	3°07'21.6"
19+25.00	25.00'	25.08'	0°07'13.2"	3°14'34.8"
19+50.00	25.00'	25.08'	0°07'13.2"	3°21'48.0"
19+57.46	7.46'	7.49'	0°02'09.3"	3°23'57.3"
19+75.00	17.54'	17.60'	0°05'03.9"	3°29'01.2"
20+00.00	25.00'	25.08'	0°07'13.2"	3°36'14.4"
20+25.00	25.00'	25.08'	0°07'13.2"	3°43'27.6"
20+50.00	25.00'	25.08'	0°07'13.2"	3°50'40.8"
PT 20+52.86	2.86'	2.87'	0°00'49.2"	3°51'30.0"
TOTAL	L = 801.64'	Defl./ft. = .288789 min.		



GODDARD SCHOOL 2ND ADDITION

FUTURE FIELD

WL 1, Sta. 13+92.18 Match Point

309.87'- 8" Pipe

CAUTION !!!
24" RCP
Storm Water Sewer

Proposed 15' Waterline Esm't.
(by sep. instrument)

60.06'- 8" Pipe

N: 18,992.3273, E: 21,599.4952
WL 2, Sta. 0+60.06
1- 2" Blowoff Assembly
Top Valve Box El. = 1426.4

20' Utility Easement

253.40'- 8" Pipe

Proposed 15' Waterline Esm't.
(by sep. instrument)

460.00'- 8" Pipe

N: 19,061.0199, E: 21,857.0305
WL 3, Sta. 0+20.00
Horizontal Deflection
Defl. = 1°15'27"

PT Sta. 20+52.86

N: 19,041.0252, E: 21,856.5695
WL 1, Sta. 19+55.45=
WL 3, Sta. 0+00.00
1- 8" x 8" CI CL MJ Tee
3- 8" Valve Assemblies (E,W&N)
(MJ Gate Valves)
Top Valve Box El. = 1429.9 (W)
Top Valve Box El. = 1430.0 (E)
Top Valve Box El. = 1429.9 (N)

488.81'- 8" Pipe

ELEMENTARY SCHOOL

~~2" Custom Set Domestic Water and Meter Box
See Sheet No. 6501~~

3" Domestic Service Line
See Sheet no. C301 for Continuation

N: 19,402.5615, E: 22,273.4351
WL 5, Sta. 0+73.94
See Mechanical Drawings.

73.94'- 6" Pipe

CITY MAINTENANCE ENDS

CAUTION !!!
Proposed 4" Sanitary Sewer
(By others)

CAUTION !!!
Proposed 30" RCP
Storm Water Sewer
(by others)

64.39'- 8" Pipe

NOTE: FIRE DEPARTMENT CONNECTION BY MECHANICAL CONTRACTOR. FIRE SERVICE LINE IS THE RESPONSIBILITY OF THE UNDERGROUND WATERLINE CONTRACTOR TO THE BACK FLOW PREVENTOR INSIDE THE BUILDING.

CAUTION !!!
Proposed 4" Sanitary Sewer
(By others)

Proposed 15' Waterline Esm't.
(by sep. instrument)

Proposed 8" Sanitary Sewer
(by others)

Proposed 20' Utility Esm't.
(by sep. instrument)

AS BUILT 4/15/2009

N: 19,423.0490, E: 22,347.3708
WL 1, Sta. 28+29.74
1- Fire Hydrant Assembly
L = 4'
Top Valve Box El. = 1431.9
FH Bury Line El. = 1431.9

10.77'- 8" DI CL SJ Pipe

~~N: 19,412.2789, E: 22,347.3708
WL 1, Sta. 28+18.97
1- 8" x 4" CI CL MJ Tee
1- 4" Anchored Valve Assembly (W)
(MJ Gate Valve)
Top Valve Box El. = 1431.9~~

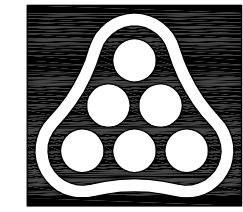
N: 19,402.5615, E: 22,347.3708
WL 1, Sta. 28+09.25 =
WL 5, Sta. 0+00.00
1- 8" x 6" CI CL MJ Tee
1- 6" Anchored Valve Assembly (W)
(MJ Gate Valve)
Top Valve Box El. = 1431.9
9.72'- 8" DI CL Pipe (N)

N: 19,039.5771, E: 22,347.3708
WL 1, Sta. 24+46.27=
WL 4, Sta. 0+00.00
1- 8" x 8" CI CL MJ Tee
1- 8" Valve Assembly (W)
(MJ Gate Valve)
Top Valve Box El. = 1431.6 (E)
1- 8" Anchored Valve Assembly (S)
(MJ Gate Valve)
Top Valve Box El. = 1431.60(S)

N: 18,975.1893, E: 22,347.3708
WL 4, Sta. 0+64.39
1- 2" Blowoff Assembly
Top Valve Box El. = 1428.92

362.98'- 8" Pipe

No.	Revision	By	Date
No.	Revision	By	Date
WATER DISTRIBUTION SYSTEM IMPROVEMENTS APOLLO ELEMENTARY SCHOOL - USD 265 GODDARD, KANSAS WATER LINE PLAN (EAST) JAMES L. ARMOUR, P.E. - CITY ENGINEER PRIVATE PROJECT NO. 1449 PFW (607853)			
Professional Engineering Consultants, P.A. 303 S. TOPKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	RRY, MDK	Job No.	35-08429-259
Drawn by	TDS	Date	OCTOBER 2008
			Sht. C604



Saved: 01-08-2009 3:04:26 PM by CSJ
 Plot Scale: 1:40 01-21-2009 12:00:20 PM
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