LEGEND

(5000) = SEE SHEET NO. C-004 FOR WATERLINE COORDINATES (TYP.)

= PROPOSED SILT FENCE

PLAN: LAT. & LONG. 0 2.5' 5' 10'

PROFILE: HORIZ. SAME AS ABOVE

VERT:

* REMOVE EXISTING 42" PIPE, FITTINGS, & VALVES AS REQUIRED.

PT NO. 6, 36" TOP PIPE EL.= 1292.54

PT NO. 1, 36" FLANGE, EL.= 1292.85

N: 1,688,251.4024, E: 1,643,183.6735
INSTALL 8' X 8' VALVE VAULT

PT NO. 4, 36" FLANGE, EL.= 1292.55

REMOVE EXIST. 42" GATE VALVE AND INSTALL 42" BUTTERFLY VALVE SEE DETAIL, SHEET NO. CU107

N: 1688251.2735, E: 1,643,168.7429
EXISTING 36" WATERLINE*
CONNECT TO EXISTING WATERLINE WITH 36" DRESSER STYLE COUPLER

INSTALL 42" X 36" RJ REDUCER

INSTALL 4.50 L.F. 42" RJ PIPE

PT NO. 13, CL VALVE, GROUND EL.= 1302.22

PT NO. 5, TOP PIPE @ FLANGE, EL.= 1292.29

PT NO. 3, 36" FLANGE, EL.= 1292.54

Water Valve #9238
Top of Nut Elev=1297.3

Water Valve #9237
Top of Nut Elev=1297.3

N: 1,688,268.2035, E: 1,643,194.9753
EXISTING 42" WATERLINE*
INSTALL 42" DRESSER STYLE COUPLER

REMOVE EXISTING 42" VALVE

INSTALL 13.87 L.F. 42" RJ PIPE

N: 1,688,251.6161, E: 1,643,195.2807
REMOVE EXISTING 42" X 42" CROSS*
AND INSTALL PROPOSED 42" RJ 90° BEND

INSTALL 6.67 L.F. 42" RJ PIPE

Water Valve Vault
#013376
Overall Depth 8.0'
Top of Nut Elev=1301.8

48" RCP ML (per plan)

Water Valve #9231?
Top of Nut Elev=1302.1

Electrical Vault (EMH-2)

UG Elec. Duct (per record)

Unknown Metal Lid 1.5'ø
Possible Electrical MH

84" RCP ML (per plan)

PEC
PROFESSIONAL ENGINEERING CONSULTANTS
303 SOUTH TOPEKA
WICHITA, KS 67202
316-262-2691 www.pec1.com

CITY OF WICHITA

TREVOR KAUFMAN
LICENSED
26008
10/12/2023
KANSAS
PROFESSIONAL ENGINEER

CONSTRUCTION PLANS
FOR
HESS PUMP STATION
SITE VALVE REPLACEMENT
(PHASE 1 AND 2)

PAUL GUNZELMAN, P.E. - INTERIM CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-2021-005881

Issue:		

JOB NO.	35-200335-004-0042
DATE	OCTOBER 2023
PM	TBK
DESIGNED BY	KJW
DRAWN BY	KTD
CHECKED BY	RWG

PROPOSED 42" VALVE VAULT (PHASE 2)

CU106

SAVED 6/20/2023 4:56:07 PM BY KURTIS.DEKAT
PLOTTED 10/11/2023 4:44:15 PM BY KURTIS DEKAT
U:\WICHITA-CIVIL\2020\200335\0004\PEC\DRAWINGS\PHASE 1 AND 2\200335-004-CU106.DWG