



COORDINATE LIST		
POINT	NORTHING	EASTING
200	7,967.7567	9,035.7341
201	7,984.9830	9,876.6806
202	7,265.1340	9,891.4264
203	7,255.0935	9,401.2740
204	7,747.5829	9,391.1856
205	7,743.3289	9,183.5179
206	7,778.3216	9,182.8011
207	7,776.3763	9,087.8407
208	7,754.0020	9,038.6734
209	7,260.3159	9,656.2205
210	7,495.2667	9,651.4076
211	7,490.0442	9,396.4611
212	7,489.1226	9,351.4706
213	7,523.4762	9,649.4971
214	7,571.5512	9,643.9555
215	7,548.6488	9,445.2711
216	7,618.4096	9,632.7103
217	7,613.5183	9,393.9318
218	7,748.6069	9,441.1751
219	7,261.4424	9,711.2089

COORDINATE LIST		
POINT	NORTHING	EASTING
220	7,297.2799	9,710.4748
221	7,276.7280	8,707.1853
222	7,473.7758	9,691.1489
223	7,490.1455	9,688.5709
224	7,519.4636	9,685.1914
225	7,513.0479	9,887.2553
226	7,523.5798	9,886.1322
227	7,623.5588	9,884.0842
228	7,575.5591	9,678.7253
229	7,619.1620	9,669.4427
230	7,774.3662	9,510.6673
231	7,977.4002	9,506.5083
232	7,974.9425	9,386.5282
233	7,782.5755	9,390.4688
234	7,783.5995	9,440.4583

⓪ = PLAT COORDINATE POINT

WATERLINE NO. 1 COORDINATE LIST				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
5000	7,267.0117	9,716.0964	0+00.00	TEE/VALVE
5001	7,297.3821	9,715.4743	0+30.38	PC
5002	7,475.4810	9,695.9069	2+09.78	PT
5003	7,516.3796	9,690.8050	2+51.00	AIR RELEASE
5004	7,520.3490	9,690.3114	2+55.00	BEND
5005	7,630.9049	9,675.7641	3+67.08	BEND
5006	7,646.4259	9,664.4510	3+86.29	BEND/PC
5007	7,650.7083	9,662.4900	3+91.00	FH
5008	7,668.4397	9,653.2382	4+11.00	BLOWOFF/PT

⓪ = WL COORDINATE POINT

- CONTROL POINTS**
- PL No. 214
1/2" Rebar
N: 7,571.5510, E: 9,643.9560
1. 78.12° S. TO END OF 21" X 15" RCP
2. 46.56° NORTHEAST TO CENTER OF STORM SEWER MANHOLE
3. 47.10° NORTH TO SOUTH EDGE OF SIDEWALK
- PL No. 250
5/8" REBAR AT NORTHEAST CORNER 21ST STREET N. AND RESERVE A
N: 7,267.9920, E: 9,711.5690
1. 2.65° WEST TO BACK OF CURB FOR RESERVE A.
2. 5.51° SOUTH SOUTHWEST TO POINT WHERE BACK OF CURB MEETS THE SIDEWALK.
3. 7.73° SOUTH SOUTHEAST TO P.I. IN SIDEWALK FROM RAMP TO SIDEWALK.

- BENCH MARK LIST**
- BM #2 - CHISELED SQUARE ON CENTER OF STORM CURB INLET ON NORTH SIDE OF 21ST STREET. FIRST INLET WEST OF SOUTHEAST CORNER OF TALLGRASS EAST COMMERCIAL 2ND ADDITION. ELEV.=1390.84 (NAVD88)
- BM #5 - CHISELED SQUARE ON SOUTHEAST CORNER OF STORM CURB INLET ON EAST SIDE OF PARKING LOT FOR KANSAS MEDICAL CENTER EMERGENCY. ELEV.=1393.38 (NAVD88)

Saved: 08-30-2018 11:06:48 AM by CSI
 Plot Scale: 1" = 30'-0" 08-30-2018 11:06:03 AM by CSI
 U:\Wichita-Civil\2017\170367\001\Drawings\170367-001-003 BUBBLE MAP

No.	Revision	By	Date
TALLGRASS EAST COMMERCIAL 2ND ADDITION WATERLINE IMPROVEMENTS BUBBLE MAP GARY JANZEN, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 448-90742			
PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2891 www.pec1.com			
Designed by	JAG	Job No.	35-170367-1-42
Drawn by	CSL, KTD	Date	June 2018

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