Survey Control								
Pt. Number	Northing (ft.)	Easting (ft.)	Elevation (ft.)	Description	Field Book	Pag		
1	457484.657	12933247.369	867.75	Set 1/2" bar and cap (CE Trav. Pt.), 10' North of City Gate fence, 6' West of edge of bituminous M-66.	2211	7		
2	457265.525	12933243.227	866.30	Set 1/2" bar and cap (CE Trav. Pt.), 10' South of City Gate fence, 6' West of edge of bituminous M-66.	2211	7		
3	457451.603	12933049.314	832.23	Set 1/2" bar and cap (CE Trav. Pt.) inside of City Gate site, 8' East of West fence, 27' South of North Fence. 10' North of City Gate fence, 6' West of edge of bituminous M-66.	2211	7		

Elevations obtained per closed level loop in Field Book #2211, Page 7.

PIPELINE INFORMATION

Located by Consumers Energy employees on 10/18/2018 using RD8000 locator (Radio Detection Technology). Top of pipe elevations calculated as depth reading to center of signal plus 1/2 pipe diameter. Depths not confirmed by probing.

24" Line 1100			3/4" Line - East			1" Line		
Point ID	Ground Elevation (Ft.)	Top of Pipe Elev. (Ft.)	Point ID	Ground Elevation (Ft.)	Top of Pipe Elev. (Ft.)	Point ID	Ground Elevation (Ft.)	Top of Pipe Elev. (Ft.)
1479	857.2	853.7	1034	863.5	861.1	1050	864.3	862.9
1480	856.8	853.3	1037	863.6	861.1	1051	864.1	862.7
1481	857.2	853.7	1039	863.8	861.6	1052	864.3	863.0
1008	859.6	856.0	1040	864.1	861.9	1053	864.5	862.5
1009	861.1	858.0				1054	864.4	862.5
1010	862.6	859.3		3/4" Line - West			864.3	861.9
1011	863.4	860.2	Point ID	Ground	Top of Pipe	1056	864.8	862.1
1012	863.6	857.4		Elevation (Ft.)	,	1057	864.8	862.7
1013	864.7	858.4	1035	863.6	861.2	1058	864.7	863.3
1014	864.5	858.4	1036	863.5	861.3	1059	864.6	863.3
1015	864.3	859.1	1038	863.8	861.6	1060	864.6	863.3
1016	867.1	860.1	1041	864.1	862.5		1	

8" Line 1022			6" Line			6" Line		
Point ID	Ground	Top of Pipe	Point ID	Ground	Top of Pipe	Point ID	Ground	Top of Pipe
	Elevation (Ft.)	Elev. (Ft.)		Elevation (Ft.)	Elev. (Ft.)	Politib	Elevation (Ft.)	Elev. (Ft.)
1018	867.6	861.9	1042	863.8	859.5	1025	864.7	861.5
1019	868.0	862.1	1043	863.5	859.7	1026	864.9	861.9
1020	867.5	861.8	1044	863.5	859.7	1027	864.7	860.7
1021	864.6	861.4	1045	863.5	859.7	1028	864.6	860.9
1022	864.9	861.4	1046	863.6	859.9	1029	864.5	861.3
1023	864.4	861.3	1047	863.9	860.2	1030	864.4	861.2
1024	864.2	861.2	1048	864.1	859.2	1031	864.2	861.1
			1049	864.6	859.7	1032	864.4	859.9
						1033	863.8	859.5

MISS DIG INFORMATION

Ticket Number: A-82901348

1017 867.1 860.1

Submitted on October 21, 2018

Responses (As of 11/6/2018): Consumers Energy - No underground HVD, Gas facilities as located

Century Link - Plans provided, Site is clear Charter Communications - Site is clear

Frontier - No response

RECORD LEGAL DESCRIPTION

Warranty Deed, dated 5-19-58 recorded in Liber 259, Page 117, Barry County

A parcel of land in the Northeast Quarter (NE 1/4) of Section Twelve (12), Township Four (4) North, Range Seven (7) West, described as follows: Beginning on the East line of said Section at a point one thousand (1000) feet South of the Northeast corner, measured along the East line of said section, running thence West parallel with the North line of said Section three hundred thirty-three (333) feet, thence South two hundred (200) feet, thence East three hundred thirty-three (333) feet to the East line of said Section, thence North along the East line of said Section two hundred (200) feet to the place of beginning.

SURVEYOR'S REPORT

This survey was a retracement of a 1958 survey by Perry McPherson. T-irons were set at all four corners of the parcel. A t-Iron was recovered at the Northwest corner of the parcel and held for the North-South position of the North Line and the East-West distance from the Section Line. Held the record distance of 200 feet along Section line and the West line. The 90° relationship to Section Line for North and South line per deed L.259-P.117 and CPCo. drawing SE-16294 Sheet 1 was held to establish the direction of the North and South lines.

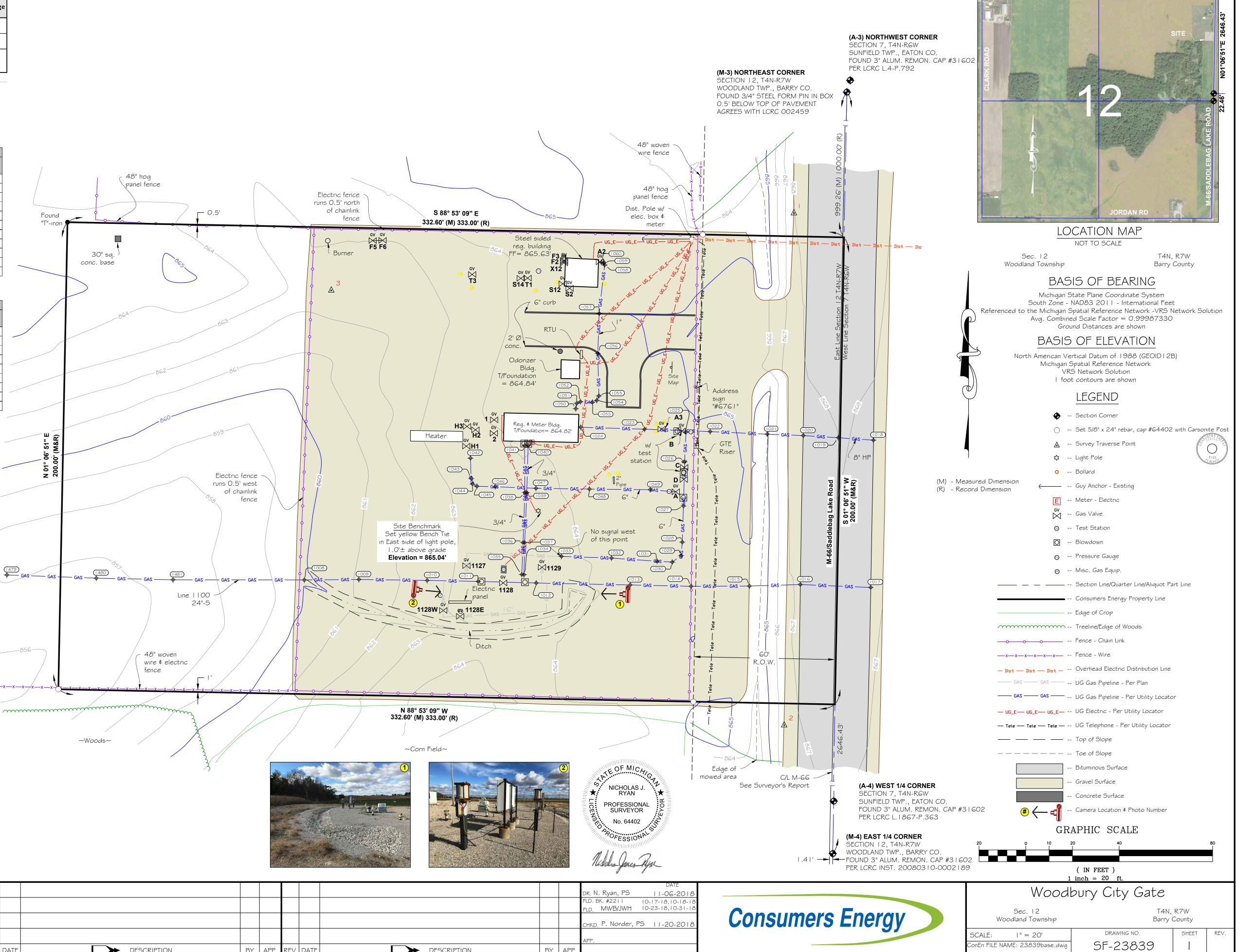
I calculated the R.O.W. as 60' feet from the legal centerline of M-66 per the deed recorded in L.233-P.503. The deed describes the centerline of M-66 as beginning at the NE corner of Section 12 and bearing S2°40'00"W for 2700 feet. MDOT ROW Map File No. 8-R-2 Sheet 50 calls out the East 1/4 Corner of Section 12 as being 1.41' East of C/L. I held the NE Corner of Section 12 and 1.41' West of the East 1/4 of Section 12 for the centerline of M-GG. The R.O.W. is shown as G2.5' from the Section Line in CPCo. drawing SE-16294 Sheet 1. I did not find any other evidence to support this right-of-way width.

REFERENCE DRAWINGS

DESCRIPTION

Nicholas J. Ryan, PS No. 64402

DRAWING NO.



DESCRIPTION