

**MISS DIG INFORMATION**

TICKET NUMBER: A70460262-00A - SUBMITTED ON FEBRUARY 15, 2017

**MEMBERS THAT RESPONDED**

- ATT (FORMERLY SBC) - SITE IS CLEAR
- CONSUMERS ENERGY - GAS LINES AS SHOWN
- COMCAST - SITE IS CLEAR
- DELTA TOWNSHIP - WATER LINES AND STORM SEWER AS SHOWN
- EVERSTREAM - SITE IS CLEAR
- GRAND LEDGE PUBLIC SCHOOLS - SITE IS CLEAR
- KEPS TECHNOLOGIES INC. DBA ACD-NET - SITE IS CLEAR
- LANSING BOARD WTR & LIGHT - OVERHEAD ELECTRIC AS SHOWN
- LEVEL 3 COMMUNICATIONS - SITE IS CLEAR
- STATE OF MI DMB/TELECOM - SITE IS CLEAR
- U.S. SIGNAL CORP. - SITE IS CLEAR
- VERIZON/FRONTIER COMM - SITE IS CLEAR
- WINDSTREAM COMMUNICATIONS - SITE IS CLEAR

**MEMBERS THAT DID NOT RESPOND (AS OF 2/28/2017)**

- AUTO-OWNERS INSURANCE COMPANY
- CENTURYLINK
- FONOROLA FIBER/GABES CONSTR
- MCI/VERIZON BUSINESS
- SPRINT/NEXTEL
- ZAYO BANDWIDTH MIDWEST, LLC



**LOCATION MAP**

NOT TO SCALE  
Sec. 12 Delta Township T4N, R3W Eaton County

**BASIS OF BEARING**

MICHIGAN STATE PLANE COORDINATE SYSTEM  
SOUTH ZONE - NAD83 2011 - INTERNATIONAL FEET  
REFERENCED TO THE MICHIGAN SPATIAL REFERENCE NETWORK  
VRS NETWORK SOLUTION  
AVG. COMBINED SCALE FACTOR = 0.99987433  
GROUND DISTANCES ARE SHOWN

**BASIS OF ELEVATION**

ORTHOMETRIC DERIVED ELEVATIONS  
NAVD 88 DATUM REFERENCED TO THE  
MICHIGAN SPATIAL REFERENCE NETWORK  
VRS NETWORK SOLUTION  
GEOID 12A

CONTOURS SHOWN AT 1' INTERVAL

**CONTROL POINT INFORMATION**

**CONTROL POINT #1**

SET 1/2" BAR AND CAP (CE TRAV. FT.), 4' ± SOUTH OF SOUTH EDGE OF WALK, 3' ± WEST OF CL OF EAST DRIVE TO WEST SAGINAW PLAZA

**NORTHING: 452,411.175 EASTING: 13,059,473.352**  
**ELEVATION: 857.76**

**CONTROL POINT #2**

FOUND MAG NAIL AND TAG IN BIT, 4.5' ± EAST OF CURB, 1.8' ± WEST OF BRICK REGULATOR BUILDING AND AT APPROXIMATE N-S MID POINT OF REGULATOR BUILDING

**NORTHING: 452,484.594 EASTING: 13,059,532.642**  
**ELEVATION: 857.24**

**CONTROL POINT #3**

SET MAG NAIL AND WASHER IN BIT, 1.3' ± NORTH OF CL OF SIDE DRIVE TO WENDY'S, 2.5' ± SOUTH OF GUTTER LINE OF CURB EXTENDED, IN LINE WITH REGULATOR BUILDING TO SOUTH

**NORTHING: 452,567.343 EASTING: 13,059,554.500**  
**ELEVATION: 856.89**

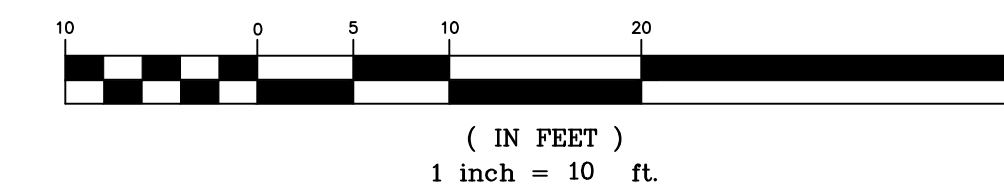
**PROJECT BENCHMARK INFORMATION**

**PROJECT BENCHMARK #1**

CHISELED SQUARE ON CONCRETE BASE OF EASTERN MOST CURB ISLAND LIGHT POLE WEST SAGINAW PLAZA

**ELEVATION: 857.09'**

**GRAPHIC SCALE**



**SITE PHOTOS**



**PIPELINE INFORMATION**

LOCATED BY CONSUMERS ENERGY EMPLOYEES ON 2/16/2017 USING RD8000 LOCATOR (RADIO DETECTION TECHNOLOGY)

6" ABANDONED		
POINT ID	GROUND ELEVATION (FT.)	TOP OF PIPE ELEVATION (FT.)
1288	859.3	853.4
1289	859.1	853.2
1290	859.0	853.2
1291	859.0	853.3
1292	859.6	853.3
1293	860.4	853.7
1294	860.5	854.7
1296	859.1	856.4

6" INLET		
POINT ID	GROUND ELEVATION (FT.)	TOP OF PIPE ELEVATION (FT.)
1281	857.9	855.9
1282	858.5	855.8
1283	858.8	856.4
1284	859.1	856.3
1285	859.7	856.9
1286	859.0	857.4
1287	858.9	857.3

TOP OF PIPE ELEVATIONS CALCULATED AS DEPTH READING TO CENTER OF SIGNAL PLUS 1/2 PIPE DIAMETER (6"). DEPTHS NOT CONFIRMED BY PROBING.

NOTE: THE 6" DISTRIBUTION LINE WAS UNABLE TO BE LOCATED. MULTIPLE TRACING LEADS WERE USED BUT NONE PRODUCED ACCEPTABLE RESULTS.

**RECORD LEGAL DESCRIPTION**

WARRANTY DEED, LIBER 334, PAGE 374 EATON COUNTY RECORDS

THE SOUTH ONE HUNDRED (100) FEET OF THE EAST FIFTY (50) FEET OF LOT FIVE (5) OF SUPERVISOR'S PLAT OF IRVINGDALE ACRES, BEING A SUBDIVISION OF PART OF THE EAST ONE-HALF (E 1/2) OF THE SOUTHEAST ONE-QUARTER (SE 1/4) OF SECTION TWELVE (12), TOWNSHIP FOUR (4) NORTH, RANGE THREE (3) WEST, ACCORDING TO THE RECORDED PLAT THEREOF, AS RECORDED IN LIBER 2 OF PLATS AT PAGE 58, EATON COUNTY RECORDS

**SURVEYOR'S NOTE**

SECTION CORNERS AND ALIGNMENT POINTS WERE NOT RECOVERED DURING THIS SURVEY DUE TO LOGISTICS RECOVERING THESE ITEMS.

COORDINATE VALUES LISTED ON THE CONTROL SHEETS OF MDOT JOB 106903 (SHEETS 17-20) WERE TRANSFORMED TO NAD83-2011. CP 26, 27, 28, AND 29 FROM MDOT JOB 106903 WERE RECOVERED IN GOOD CONDITION AND LOCATED AS PART OF THIS SURVEY. THE TRANSFORMED VALUES CHECKED CLOSELY WITH THE SURVEYED VALUES. TRANSFORMED COORDINATE VALUES WERE USED TO ESTABLISH THE POSITION OF M-4, M-5, L-5, THE ALIGNMENT POINTS OF THE SURVEY ALIGNMENT OF M-43, AND THE RIGHT-OF-WAYS FOR SAGINAW HIGHWAY AND WAVERLY ROAD

THE SURVEY ALIGNMENT OF M-43 SHOWN IS BASED ON AN ALIGNMENT RETRACEMENT BY MDOT UNIVERSITY REGION SURVEYOR BRIAN FISH P5#46663 IN JULY 2009 FOR MDOT JOB 106903.



*Nicholas J. Ryan*

DRAWING NO.	REFERENCE DRAWINGS	REV.	DATE	DESCRIPTION	BY	APP.	REV.	DATE	DESCRIPTION	BY	APP.
		A	5/3/2017	Updated descriptions of set irons.	NJR	PJN					
											Field Book #2143

DATE: 02-16-2017  
DR. N. J. Ryan, PS  
FILED: MWBJWH/NJR 02-13-2017  
CHKD: P. Norder, PS 02-28-2017

Saginaw and Waverly Regulator Station #28  
Sec. 12 Delta Township T4N, R3W Eaton County

SCALE: 1" = 10'  
DRAWING NO. 5F-23046  
SHEET 1  
REV. A

FILE NAME: 23046base.DWG