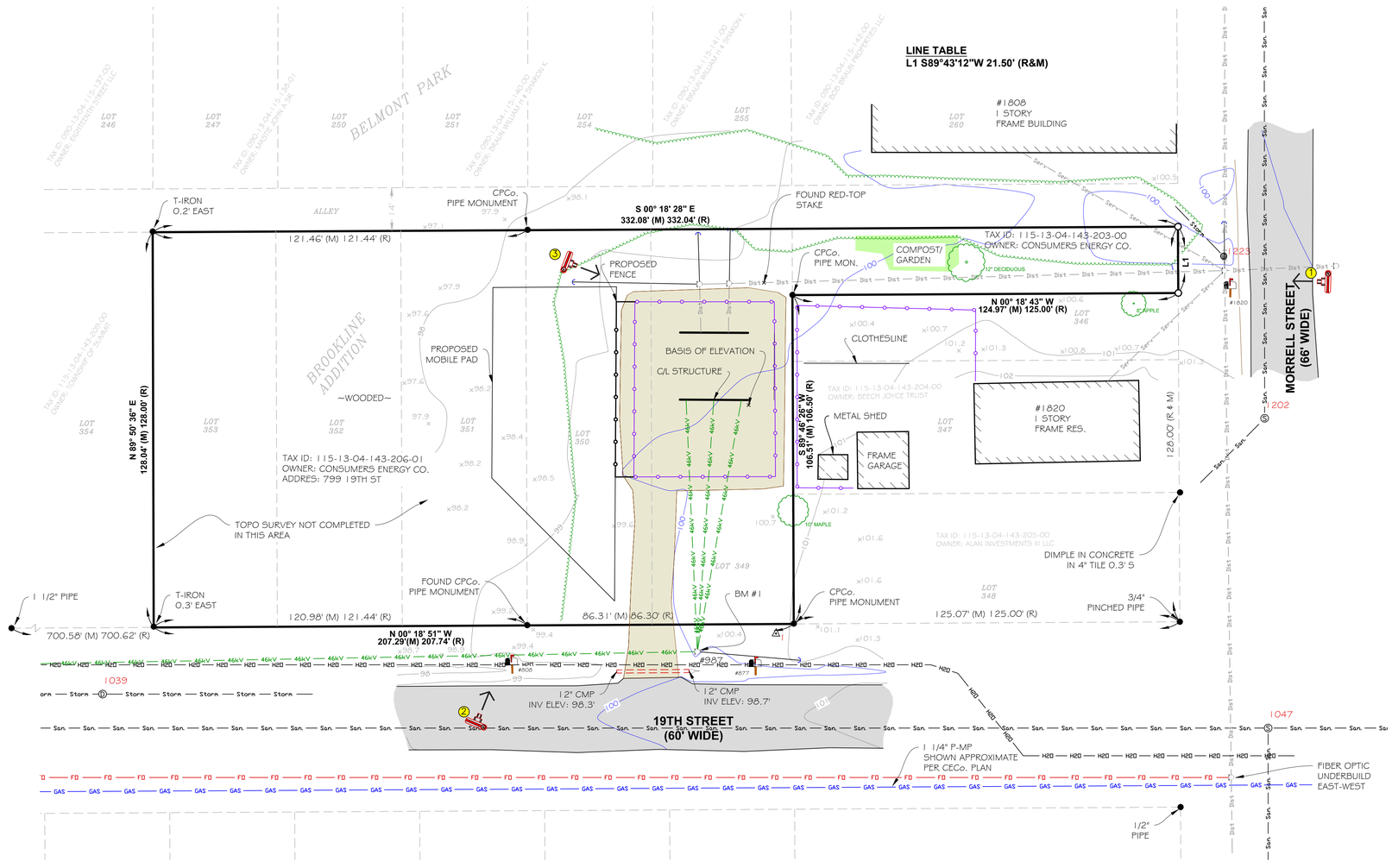


MISS DIG INFORMATION

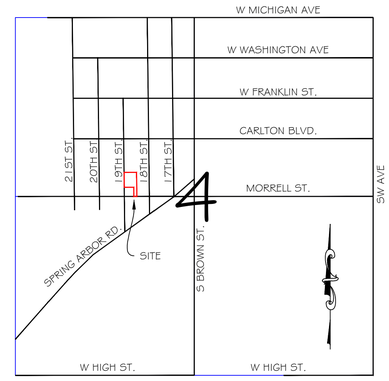
TICKET NUMBER:
A70200330-00A - SUBMITTED ON JANUARY 20, 2017

MEMBERS THAT RESPONDED

BP-AMOCO PIPELINE CO - SITE IS CLEAR
CONSUMERS ENERGY - NO UNDERGROUND ELECTRIC IN AREA
CONSUMERS ENERGY - GAS LINES PER PROVIDED MAP
COMCAST - OVERHEAD FIBER OPTIC LINES PER PROVIDED MAP
ENERGY TRANSFER - SITE IS CLEAR
JACKSON COUNTY ROAD COMMISSION - SITE IS CLEAR
JACKSON CITY ENG/DPW - WATER LINE PER PROVIDED MAP
LIGHTOWER FIBER NETWORKS - SITE IS CLEAR

MEMBERS THAT DID NOT RESPOND

ATT (FORMERLY SBC)
CTLCL-CENTURYLINK
LEVEL 3 COMMUNICATIONS
SUMMIT TOWNSHIP
VERIZON/FRONTIER COMM



LOCATION MAP

NOT TO SCALE

Sec. 4
Summit Township

T3S, R1W
Jackson County

LEGEND

- -- FOUND SURVEY MARKER (AS NOTED)
- -- SET 5/8" DIA. X 24" LG. REBAR & CAP #64402
- (R) -- RECORD
- (M) -- MEASURED
- -- SURVEY TRAVERSE POINT
- -- EXISTING POLE
- -- CATCH BASIN (BEEHIVE)
- -- MANHOLE - SANITARY
- -- MANHOLE - STORM
- +901.5 -- SPOT ELEVATION
- -- GUY ANCHOR - EXISTING
- -- CECO. PROPERTY LINE
- -- PARCEL LINE
- -- FENCE - CHAIN LINK
- -- OVERHEAD ELECTRIC 46KV LINE
- -- OVERHEAD ELECTRIC DISTRIBUTION LINE
- -- OVERHEAD ELECTRIC SERVICE LINE
- -- OVERHEAD FIBER OPTIC LINE
- -- UG WATER LINE
- -- UG SANITARY SEWER
- -- UG STORM SEWER/DRAIN TILE
- -- TREELINE/EDGE OF WOODS
- -- BITUMINOUS SURFACE
- -- GRAVEL SURFACE
- -- GRASS SURFACE
- -- CAMERA LOCATION & PHOTO NUMBER

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 = 0.999928137
GROUND DISTANCES ARE SHOWN

BASIS OF ELEVATION

TOP OF 46KV RACK FOUNDATION AS LISTED
ON DRAWING NO. 392-E4 (PROPERTY PLAN)
SHEET 1
ELEVATION: 100.25'

CONVERSION FROM SITE DATUM TO NAVD88:
NAVD88 = SITE DATUM + 882.91'

CONTOURS SHOWN AT 1' INTERVAL

CONTROL POINT INFORMATION

CONTROL POINT #1

SET 1/2" BAR AND CAP (CE TRAV. PT.) 16.5' EAST OF EASTERLY EDGE OF BIT (19TH ST), ON LINE WITH SOUTHERLY SUBSTATION FENCELINE EXTENDED WEST.

NORTHING: 269,870.151'
EASTING: 13,104,391.025'
ELEVATION: 100.84'

CONTROL POINT #2

SET MAG SPIKE 1' ± EAST OF WESTERLY EDGE OF BIT (19TH ST), ON LINE WITH NORTHERLY WALL LINE OF HOUSE #728 EXTENDED TO EAST.

NORTHING: 270,178.307'
EASTING:13,104,353.383'
ELEVATION: 97.73'

PROJECT BENCHMARK INFORMATION

PROJECT BENCHMARK #1

8" SPIKE IN EAST SIDE 46 kV POLE # 987, WEST SIDE OF SITE

ELEVATION: 101.16'

RECORD LEGAL DESCRIPTIONS

WARRANTY DEED, LIBER 514, PAGE 58, JACKSON COUNTY RECORDS

LOT THREE HUNDRED FORTY-NINE (349) BROOKLINE ADDITION, ACCORDING TO THE RECORDED PLAT THEREOF, BEING A SUBDIVISION OF PART OF THE WEST ONE-HALF (1/2) OF SECTION FOUR (4), TOWNSHIP THREE (3) SOUTH, RANGE ONE (1) WEST.

WARRANTY DEED, LIBER 514, PAGE 60, JACKSON COUNTY RECORDS

LOT THREE HUNDRED FIFTY (350) BROOKLINE ADDITION, ACCORDING TO THE RECORDED PLAT THEREOF, BEING A SUBDIVISION OF PART OF THE WEST ONE-HALF (1/2) OF SECTION FOUR (4), TOWNSHIP THREE (3) SOUTH, RANGE ONE (1) WEST.

WARRANTY DEED, LIBER 514, PAGE 325, JACKSON COUNTY RECORDS

THE EAST ONE-HALF (1/2) OF LOT THREE HUNDRED FORTY-SIX (346) BROOKLINE ADDITION, ACCORDING TO THE RECORDED PLAT THEREOF, BEING A SUBDIVISION OF A PART OF SECTION FOUR (4), TOWNSHIP THREE (3) SOUTH, RANGE ONE (1) WEST.

EXCEPTING AND RESERVING TO THE GRANTORS HEREIN THE RIGHT TO USE SAID LAND FOR GARDEN PURPOSES. ALSO EXCEPTING AND RESERVING THE RIGHT TO MAINTAIN DRAIN TILES ACROSS SAID LAND AS NOW LOCATED.

EXECUTOR'S DEED, LIBER 606, PAGE 381, JACKSON COUNTY RECORDS

LOT THREE HUNDRED FIFTY-ONE (51) IN BROOKLINE ADDITION IN THE TOWNSHIP OF SUMMIT AS RECORDED IN LIBER NINE (9) OF PLATS ON PAGE ONE (1) IN THE OFFICE OF THE REGISTER OF DEEDS IN AND FOR JACKSON COUNTY, MICHIGAN.

SUBJECT TO RESTRICTIONS, RESERVATIONS, AND EASEMENTS OF RECORD.

DEED, LIBER 741, PAGE 1256, JACKSON COUNTY RECORDS

BROOKLINE, TOWNSHIP OF SUMMIT
LOTS THREE HUNDRED FIFTY-TWO AND THREE HUNDRED FIFTY-THREE (352 AND 353) BROOKLINE ADDITION, ACCORDING TO THE PLAT THEREOF.

SURVEYOR'S NOTE

THE PURPOSE OF THIS SURVEY WAS A BOUNDARY RETRACEMENT AND TO MAP CERTAIN FEATURES.

NOT ALL OF THE FEATURES ASSOCIATED WITHIN THE SUBSTATION FENCE ARE SHOWN ON THIS SURVEY.

MANHOLE INVENTORY

DRAINAGE STRUCTURE #1039
RIM ELEV: 98.38'
24" CONC SOUTH, INV: 91.48'
24" CONC NORTH, INV: 91.48'

CATCH BASIN (BEEHIVE) #1223
RIM ELEV: 99.81'
12" CONC NORTHEAST, INV: 96.31'

SANITARY STRUCTURE #1047
RIM ELEV: 102.68'
8" PVC SOUTH, INV: 89.78'
8" PVC NORTH, INV: 89.68'
8" PVC WEST, INV: 91.28'

SANITARY STRUCTURE #1201 (NOT SHOWN)
RIM ELEV: 100.83'
8" PVC NORTH, INV: 88.63'
8" PVC WEST TO #1202, INV: 88.73'
8" PVC EAST, INV: 88.73'

SANITARY STRUCTURE #1202
RIM ELEV: 100.66'
8" PVC EAST TO #1201, INV: 89.56'
6" PVC NW, INV: 92.16'

STATE OF MICHIGAN
NICHOLAS J. RYAN
PROFESSIONAL SURVEYOR
No. 64402
LICENSED PROFESSIONAL SURVEYOR

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

DRAWING NO.	REFERENCE DRAWINGS	REV.	DATE	DESCRIPTION	BY	APP.
SF-14617	MORRELL STREET SUBSTATION SITE					
	Field Book #2143					

REV.	DATE	DESCRIPTION	BY	APP.
A	7/7/2017	Added proposed mobile pad and fence extension as staked in the field 6/29/2017.	NJR	

DR. N.J. Ryan, PS 01-27-2017
FLD. MWB/JWH 01-26-2017
CHKD. P.J. Norder, PS 02-13-2017
APP.

Consumers Energy

Morrell Substation

Sec. 4
Summit Township

T3S, R1W
Jackson County

SCALE:	DRAWING NO.	SHEET	REV.
1" = 20'	SF-22986	1	A

ConEn FILE NAME: 22986base.DWG