



Date: May 16, 2011

To: Fernando Guevara
Real Estate and Rights of Way
ITC

From: Hasib Bhuiyan
Engineering
ITC

Subject: **UAR0112413/CU-546**
CE Reference No. Arenac/Turner/Larkin
Distribution work in area of METC 138kV Transmission line 0050 (Iosco-Karn)
E ½ of the SW ¼ of Section 8, T20N, R6E (Turner Twp, Arenac County, Michigan)

The request is hereby approved.

Approved By:

A handwritten signature in blue ink that reads "Hasib Bhuiyan".

Hasib Bhuiyan
Senior Engineer



Real Estate and Claims Division

**Project No: UAR0112413
CU-546**

Date: May 2, 2011

To: Ashley Dupree (Senior Engineer)

From: Fernando Guevara
Real Estate Group

Subject: Proposed Distribution work in area of METC 138kV Transmission line-Iosco-Karn-50

CE Reference No. Arenac/Turner/Larkin

METC received a request from Consumers Energy to perform work in area of METC 138kV transmission line, Iosco – Karn, 50. Please see form 391 for all proposed changes which are highlighted in pink. Furthermore, pursuant to the Amended and Restated Easement Agreement, METC/ITC needs to submit a response letter to CE by **May 16, 2011**.

Please review and return to my attention with your recommendations/comments.

Attachments

**CONSUMERS ENERGY
NOTIFICATION OF PROPOSED LINE CONSTRUCTION
REQUIRING COORDINATION WITH HVD AND/OR TRANSMISSION LINES**

Send two (2) copies to:

HVD Lines Design and Standards

Att: Vangie E. Harvey

Jackson, Michigan

TO BE FILLED IN BY SYSTEM OWNER / ENGINEER / CES	
Headquarters	_____
Notification No.	_____
Date	_____

PROPOSED DISTRIBUTION CONSTRUCTION

Sketch Attached Yes No

Primary:

Voltage 14.4 Phase 3 Phase _____

No. of Wires 3 Crossarms Per Pole 1

Wire Size 1/0 ACSR Length of Crossarms 8'

Distance Below Transmission _____

Skip-Span Yes No

Secondary:

No. of Wires _____ Wire Size _____

Other Details: _____

PROPOSED COMMUNICATION CONSTRUCTION TO BE FILLED IN BY FIELD TECHNICIAN	
Cable Dia.	_____
Weight/ft.	_____
Strand Size	_____
Tension	_____
Pole Attachment Height	_____
Map #	_____ Pole # _____

EXISTING DISTRIBUTION FACILITIES

Description: Attachment of cross arm will be at 29' 1/0 ACSR will be used span will be 350' from location 4 to location 6

LOCATION

Township Turner

County Arenca

Town 20 Range 56 Section 08

Transmission Line Involved National City Line 50

Transmission Pole No. 4729 and 4730

TO BE FILLED IN BY HVD LINES DESIGN AND STANDARDS OR METC	
Clearance/Attachment Approved	<input type="checkbox"/>
Clearance/Attachment NOT Approved	<input type="checkbox"/>
Clearance requires further verification with Power System Analysis	<input type="checkbox"/> Yes <input type="checkbox"/> No
Structural Integrity - Engineering Required	<input type="checkbox"/> Yes <input type="checkbox"/> No
Calculated assuming STE rating of _____ °F Cond Temp	
Checked By	_____ Date _____
Order No.	_____

REMARKS:

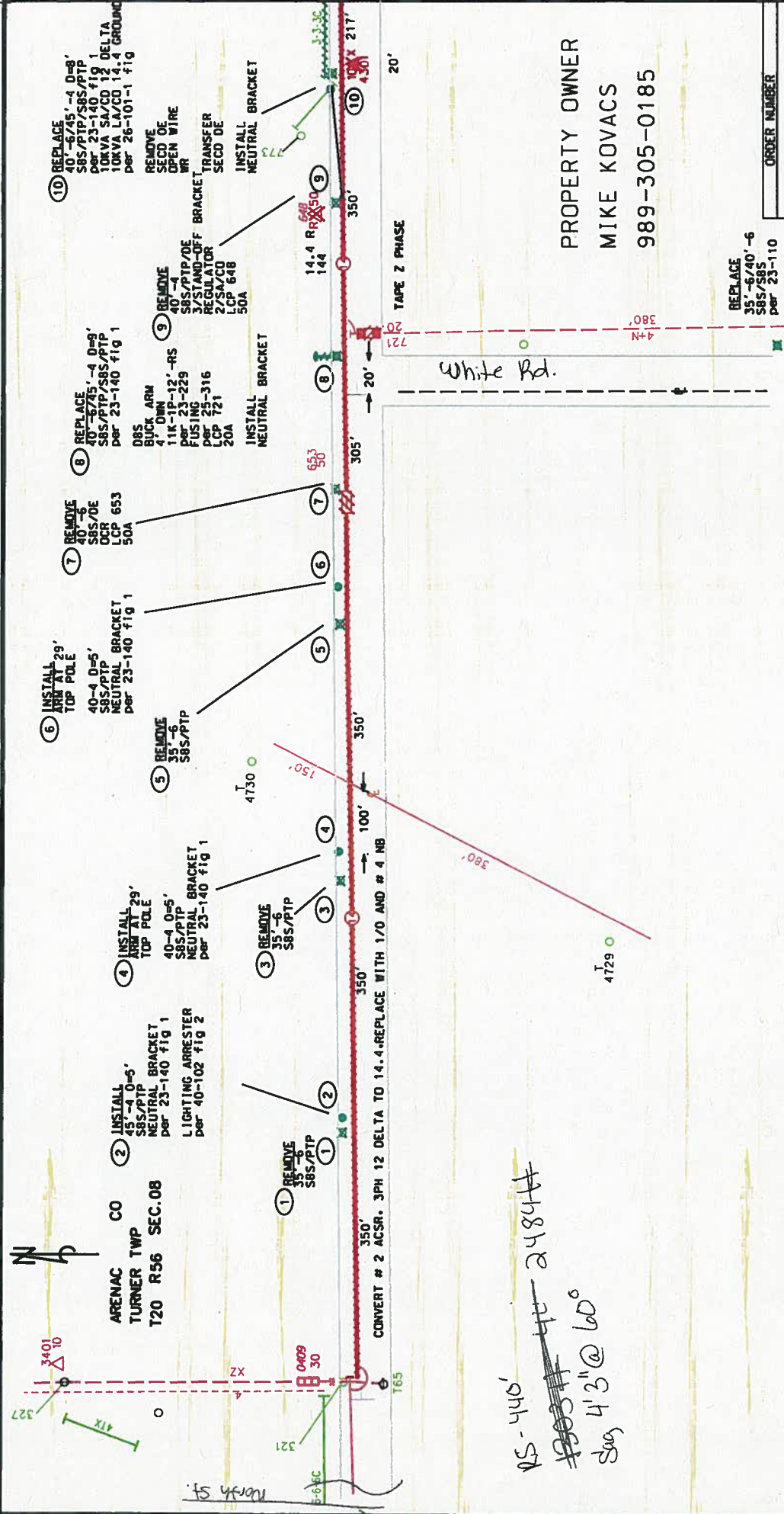
*East Towas - Cottage Grove (per Vangie)
Parallel to RR NO Line 50 (letter O)
Between sections Band 17*

Prepared By Grey Larkin Date _____
System Planning and Performance / Electric Service

Reviewed By Evangelina Harvey Date 4/15/10
HVD Lines Design and Standards

Reviewed By _____ Date _____
METC

METC lines are subject to the easement rights of METC. Your request has been forwarded to Real Estate for processing and will require a 30-day period prior to approval.



PROPERTY OWNER
MIKE KOVACS
989-305-0185

ORDER TYPE	WARRANTY TYPE	DESIGN NUMBER
ESIC	OHL	10204805
CM NO.	100000997650	

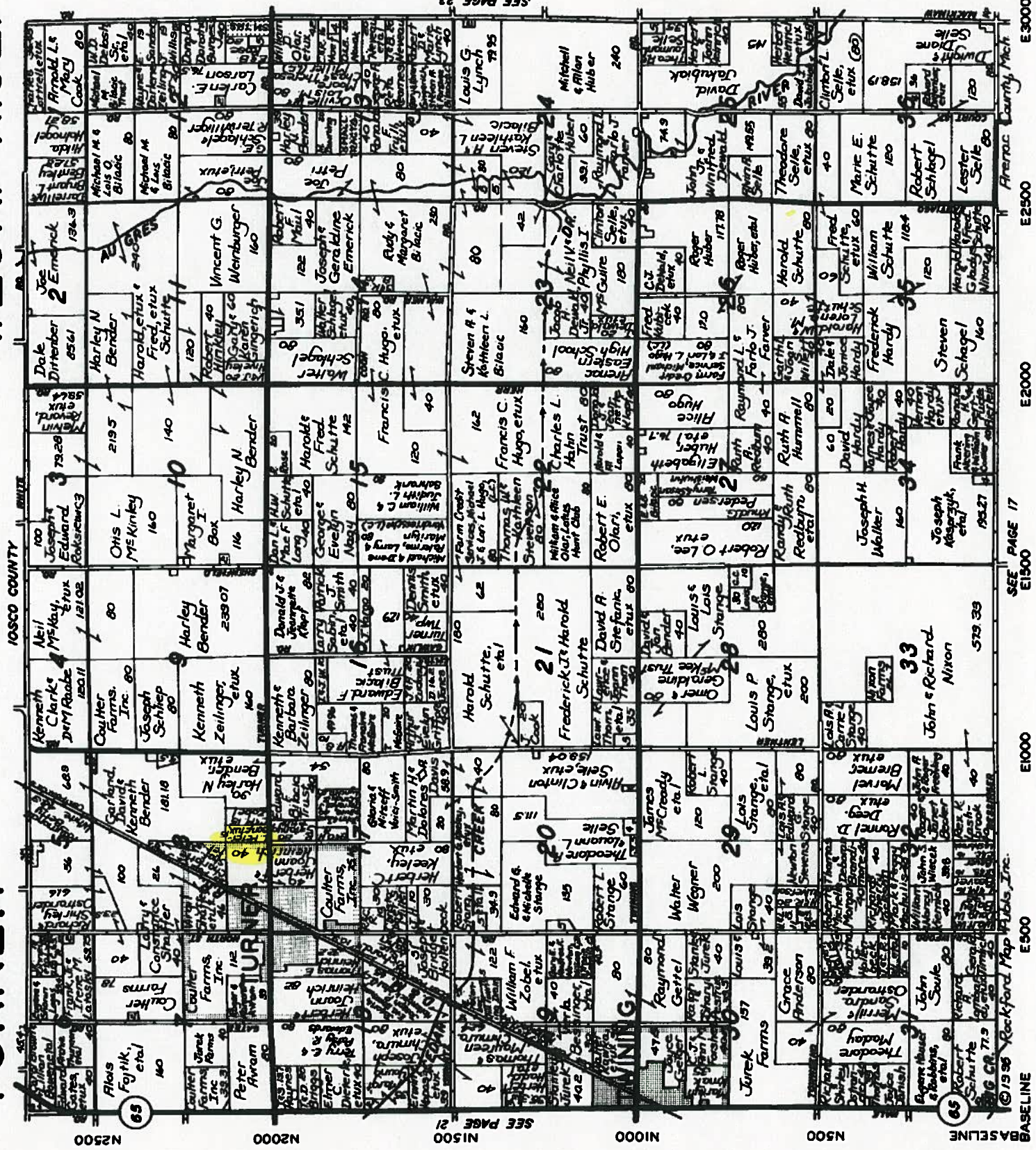
TURNER/SUB/GATES CKT	For:
DARE TO TURNER/GATESTIELINE	DARE TO TURNER
WD NO.	0017
CKY NO.	LCP NO.
01	0635
TURNER	TURNER

DESIGNED BY	DATE
GALARKIN	03/10/11
APPROVED BY	DATE
SHEET 1 OF 9	SCALE 1"=100'

STAKED	YES	NO
TREES	YES	NO
TLM NUMBER	# OF RODS	OHMS
2056084301		

-CONSTRUCTION CERTIFICATION-
 Work was constructed as Engineered or Changed as Indicated.
 All Salvageable Material Was Returned to Stores.
 Signed _____ in Direct Charge of Work
 Dates: Started _____ Completed _____ DATE: _____
 MISS DIG NUMBER: _____

15-440'
~~15034~~
 Sug 4'3" @ 60°



N2500

N2000

N1500

N1000

N500

BASELINE

SEE PAGE 21

SEE PAGE 23

© 1956 Rockford Map & Publishing, Inc.

E500

E1000

E1500

E2000

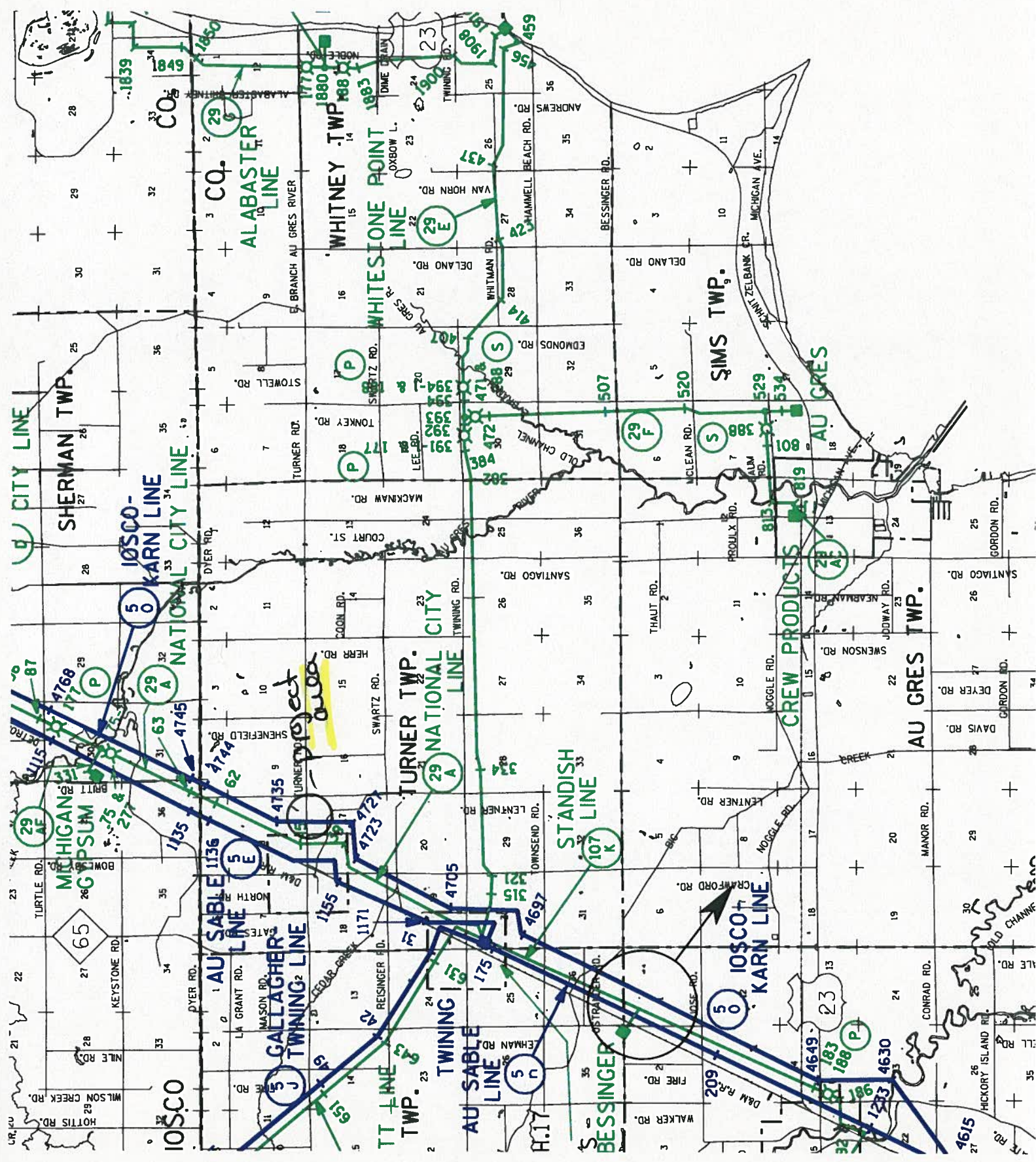
E2500

E3000

SEE PAGE 17

Turner County, Mo.





ARENAC CO. T.20N. R.6E.

SCALE 1"=1000'
REDUCED SCALE 1"=2000'

TURNER TWP.

Map No. 13

36

34

1.21N. R.9E.
1.21N. R.6E.

MAP 1
BURLING TWP.

MAP
SHERMAN

JOG 1003.66'

JOG 1031.58'

JOG 1153.00'

5

4

3

10550 CO.

637-05-3
102-05-1
06'

637-0-12

102-05-1

110-04-3

102-05-2

111-05-4

112-05-5

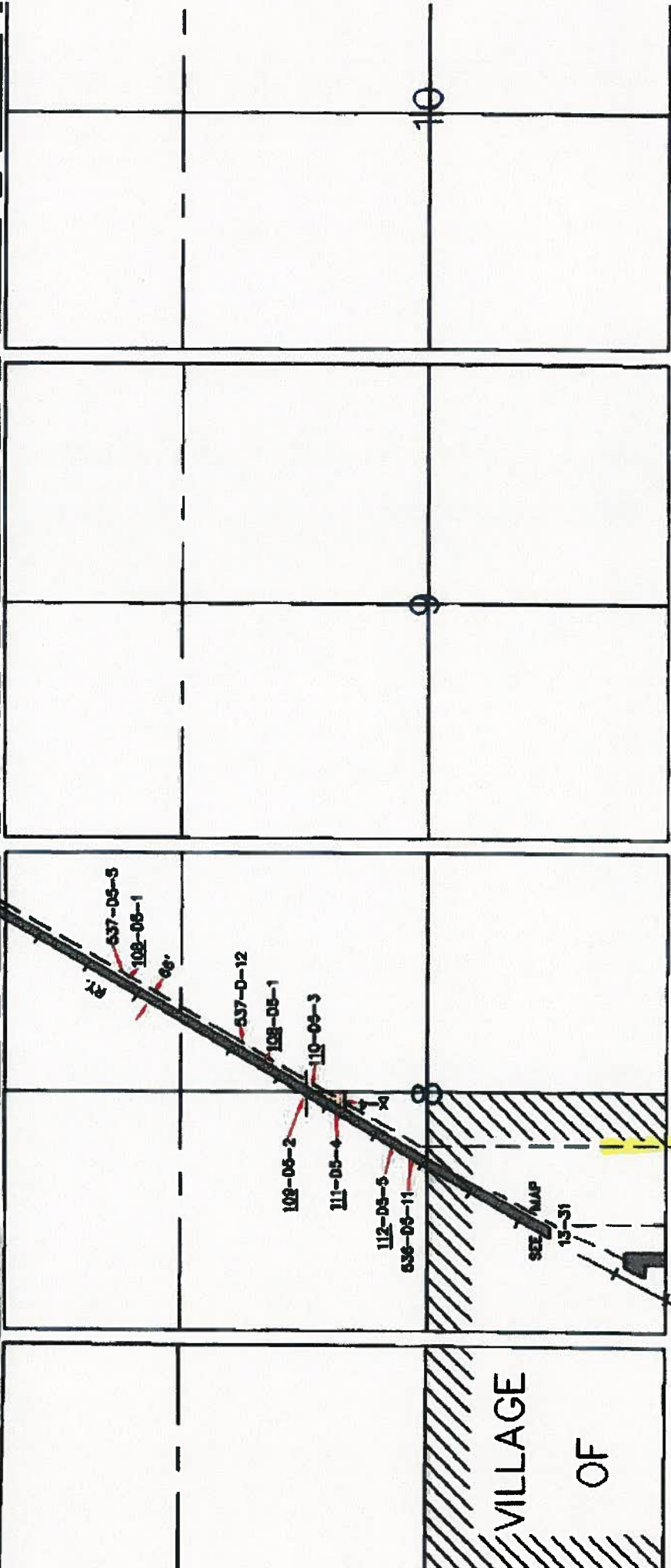
636-05-11

SEE MAP
13-31

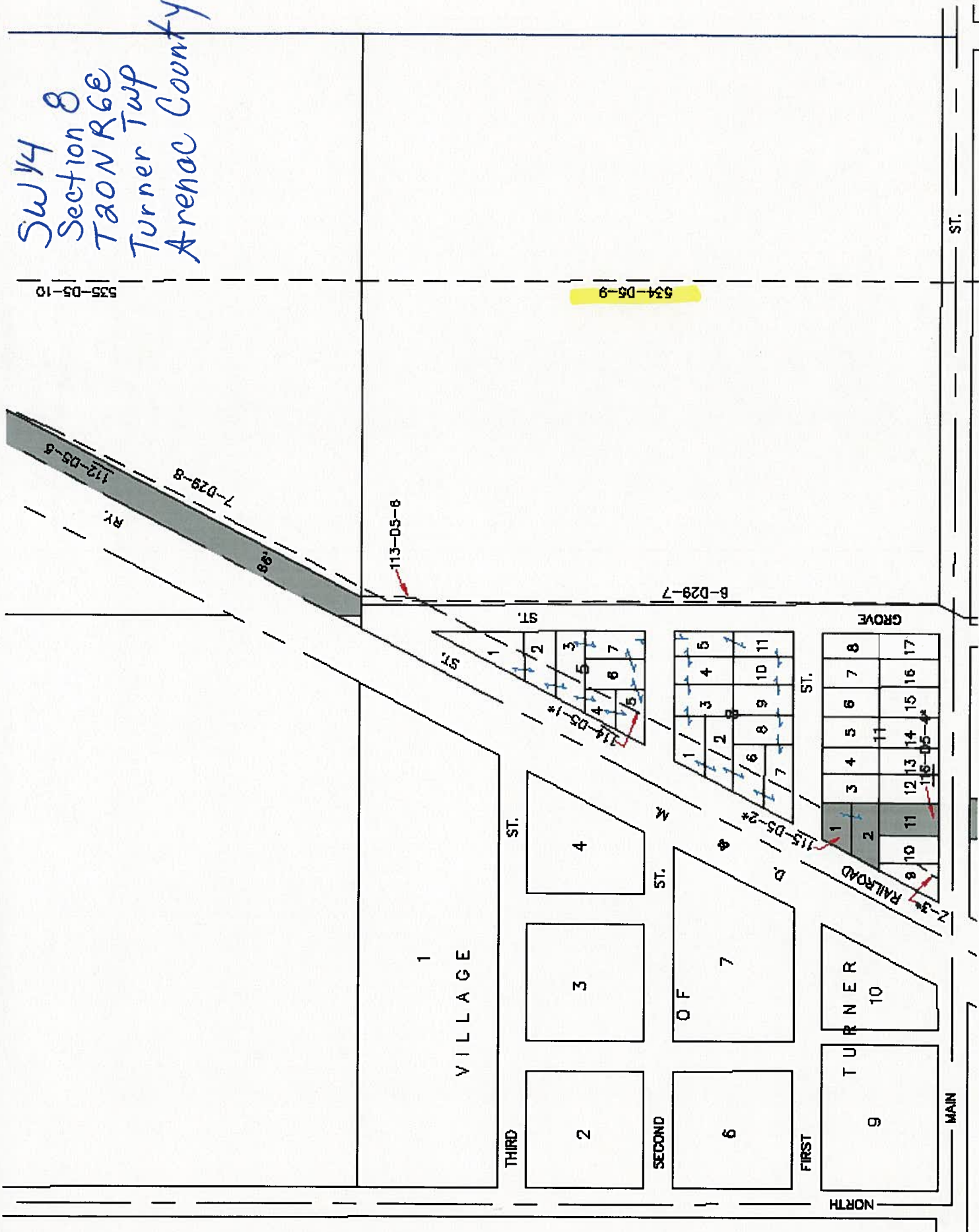
VILLAGE

OF

10



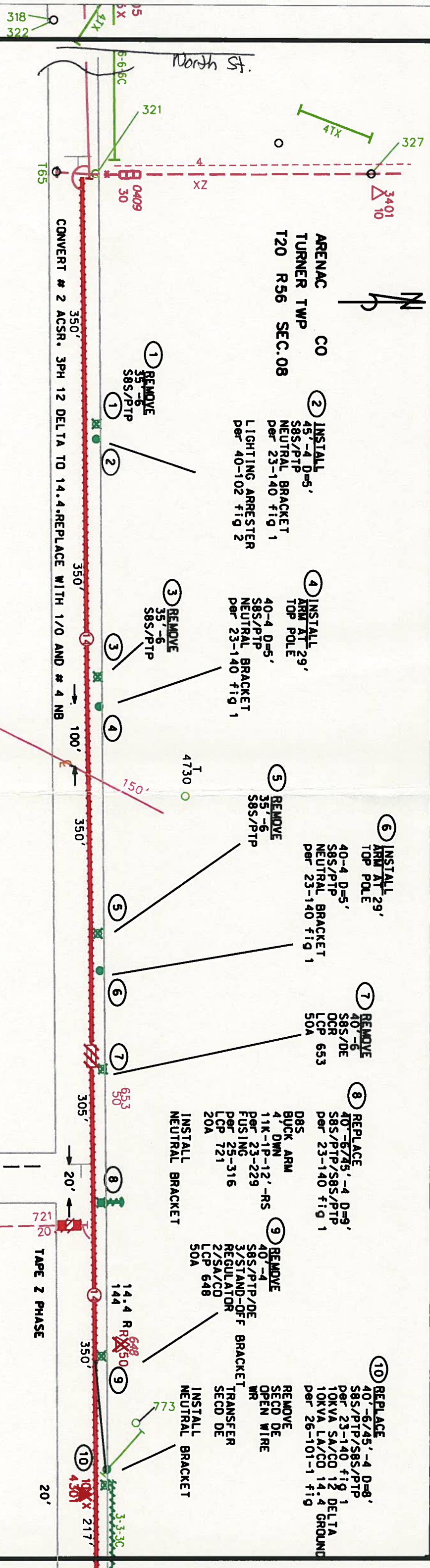
SW 1/4
 Section 8
 TAON R 6E
 Turner Twp
 Arenac County



File Ref.	Date of Inst	Grantor	Exhibit A - II Grantee	Sect.	Town/Range	Township/Flat/City/Village	LiberalPg
537-D5-12 537-D5-5	01/27/1960	Martin O. White and Viva A. White, his wife	Consumers Power Company	8 5	T20N/R6E T20N/R6E	Township: Turner Township: Turner	L119/P178
119.1-D5-13*	10/26/1964	Vern Norris & wf, Marie	Consumers Power Company	17	T20N/R6E	Plat: Village Of Turner Village: Turner	L132/P331
120-D5-1	09/24/1968	Emma C. Dunham	Eastern Michigan Power Company	17	T20N/R6E	Township: Turner	L40/P583
534-D5-8 534-D5-9	01/28/1960	Frank Prohaska and Julia Prohaska, his wife, et al	Consumers Power Company	17 8	T20N/R6E T20N/R6E	Township: Turner Township: Turner	L119/P173
532-D5-8	03/31/1960	Percy A. Crawford and Alta A. Crawford, his wife	Consumers Power Company	18	T20N/R6E	Township: Turner	L119/P171
533-D5-9 533-D5-7	02/23/1960	Henry Swartz Sr. and Anna M. Swartz, his wife	Consumers Power Company	18 17	T20N/R6E T20N/R6E	Township: Turner Township: Turner	L119/P172

A00001283

Note: This conveyance was subsequently conveyed, among other rights and interests, to Consumers Power Company by an instrument dated 11/25/1914 and recorded in Liber 48, Page 364.



NS-440'
~~1803#~~ 4# 2484#
 Sag 4'3" @ 60°

- CONSTRUCTION CERTIFICATION -

Work was constructed as Engineered or Changed as Indicated.
 All Salvageable Material Was Returned to Stores.

Signed _____ in Direct Charge of Work
 Dates: Started _____ Completed _____
 MISS DIG NUMBER: _____ DATE: _____

STAKED	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TREES	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TLM NUMBER	2056084301	
# OF RODS		
CHMS		

Consumers Energy
Electric
 DESIGNED BY: GALARKIN
 APPROVED BY: _____
 DATE: 03/10/11
 SHEET 1 OF 9
 SCALE 1"=100'

TURNER/SUB/GATES CKT
 FOR: DARE10TURNER/GATESTIELINE
 SUBSTATION: NATIONAL CITY
 CIRCUIT: TURNER
 WD NO.: 0017
 CKT NO.: 01
 LCP NO.: 0635

ORDER TYPE	MAINTENANCE ACTIVITY TYPE	DESIGN NUMBER
ESIC	OHL	10204805

REPLACE
 35'-6/40'-6
 S8S/S8S
 per 23-110

PROPERTY OWNER
 MIKE KOVACS
 989-305-0185

ORDER NUMBER