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**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".

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Hasib Bhuiyan  
Senior Engineer



Real Estate and Claims Division

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**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:

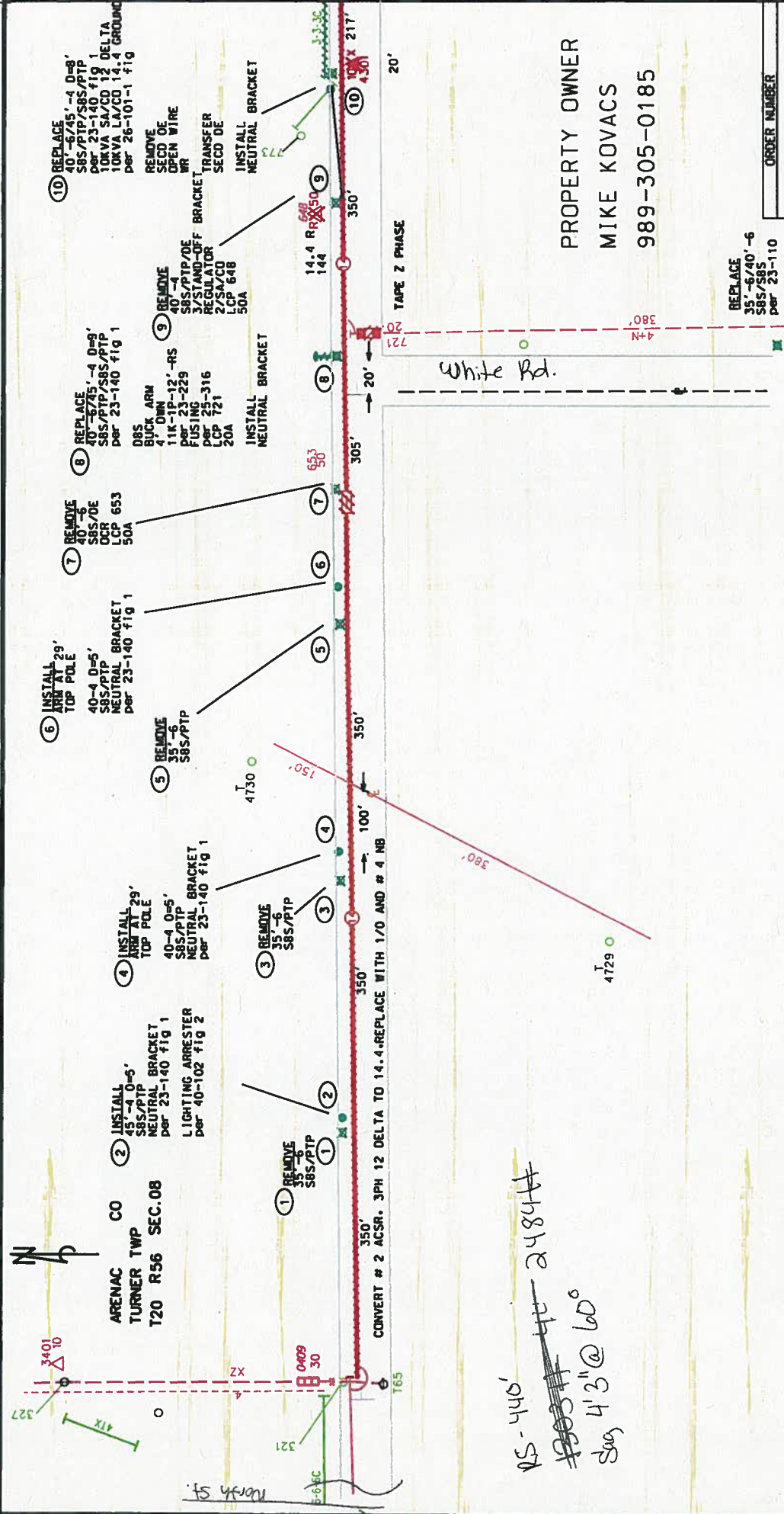
*East Towas - Cottage Grove (per Vangie)  
Parallel to RR NO Line 50 (letter O)  
Between sections Band 17*

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.**



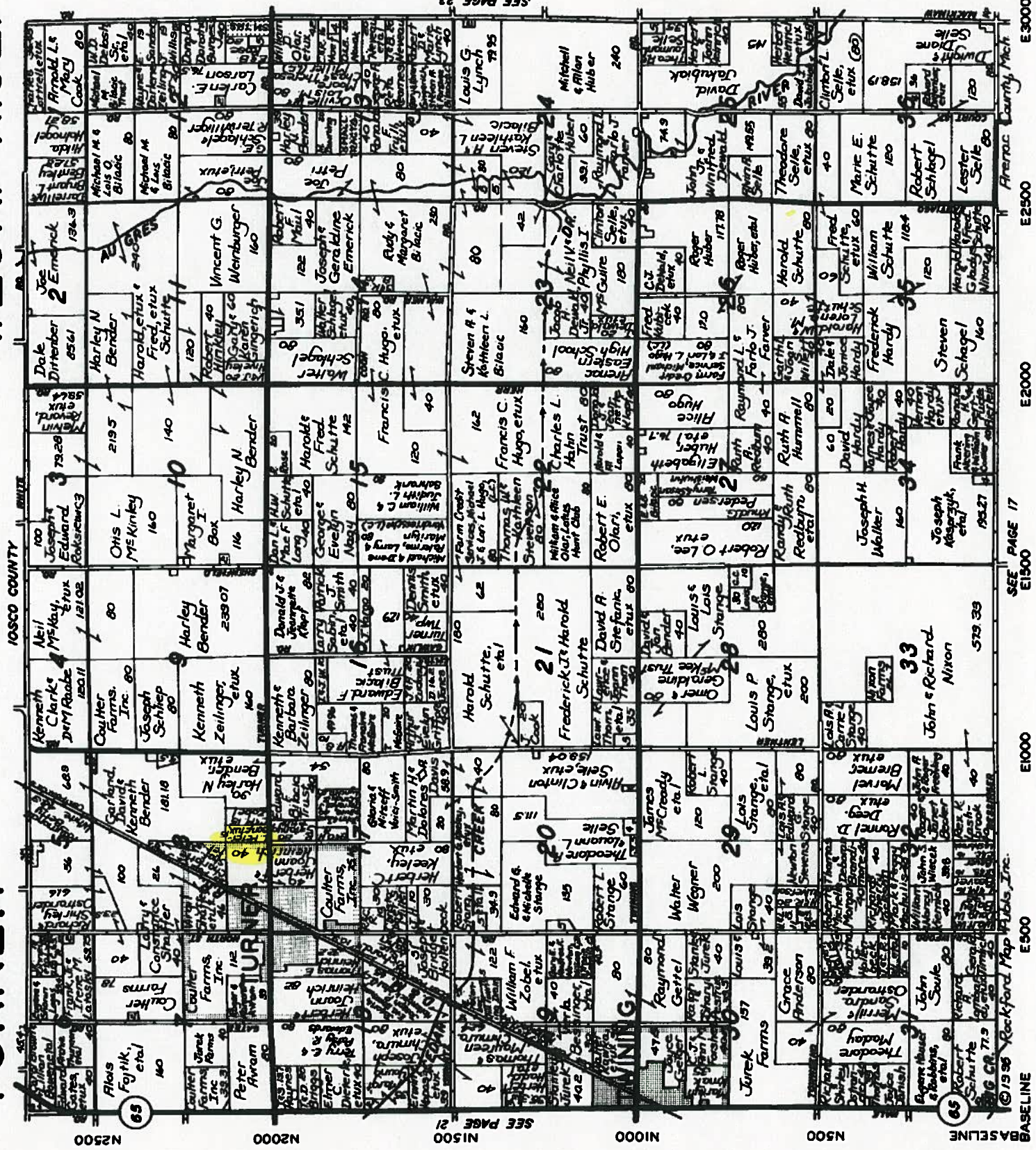
PROPERTY OWNER  
MIKE KOVACS  
989-305-0185

TURNER/SUB/GATES CKT	
CM NO. 10000097650	DESIGN NUMBER
ORDER TYPE	ACTIVITY TYPE
ESIC	OHL
0017	LCP NO.
01	0635
SUBSTATION NATIONAL CITY	
CIRCUIT TURNER	

Consumers Energy	
A CMS Energy Company	
DESIGNED BY GALARKIN	DATE 03/10/11
APPROVED BY	DATE
SHEET 1 OF 9	SCALE 1"=100

STAKED	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TREES	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> 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~~ 44-24844  
Sug 4'3" @ 60°



N2500

N2000

N1500

N1000

N500

BASELINE

SEE PAGE 21

SEE PAGE 23

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SEE PAGE 17

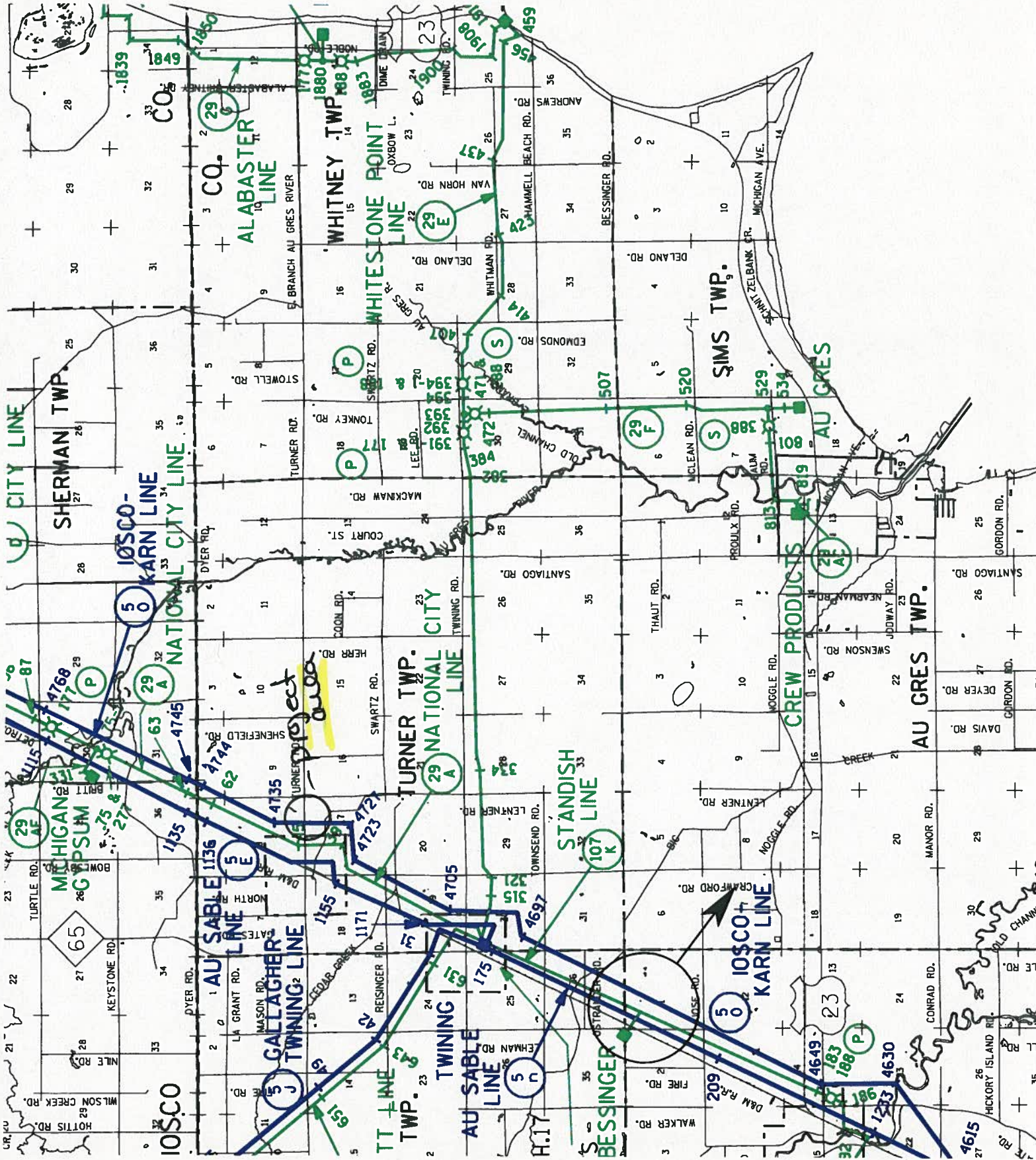
E2000

E2500

E3000

Afrazac County, Mich





105CO  
 SHERMAN TWP.  
 WHITNEY TWP.  
 TURNER TWP.  
 TWINING TWP.  
 AU SABLE TWP.  
 BESSINGER TWP.  
 SIMS TWP.  
 AU GRES TWP.

NATIONAL CITY LINE  
 ALABASTER LINE  
 WHITESTONE POINT LINE  
 AU SABLE LINE  
 STANDISH LINE  
 CREW PRODUCTS  
 IO5CO-KARN LINE  
 GYPSUM  
 MICHIGAN  
 TWINING LINE  
 GALLAGHER LINE  
 TWINING LINE  
 AU SABLE LINE  
 BESSINGER LINE  
 IO5CO-KARN LINE  
 AU GRES LINE

project area

1839, 1849, 1850, 1880, 1883, 1908, 1956, 1959, 1965, 1968, 1977, 209, 217, 227, 231, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

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'

537-0-12

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

9

8

7

6

5

4

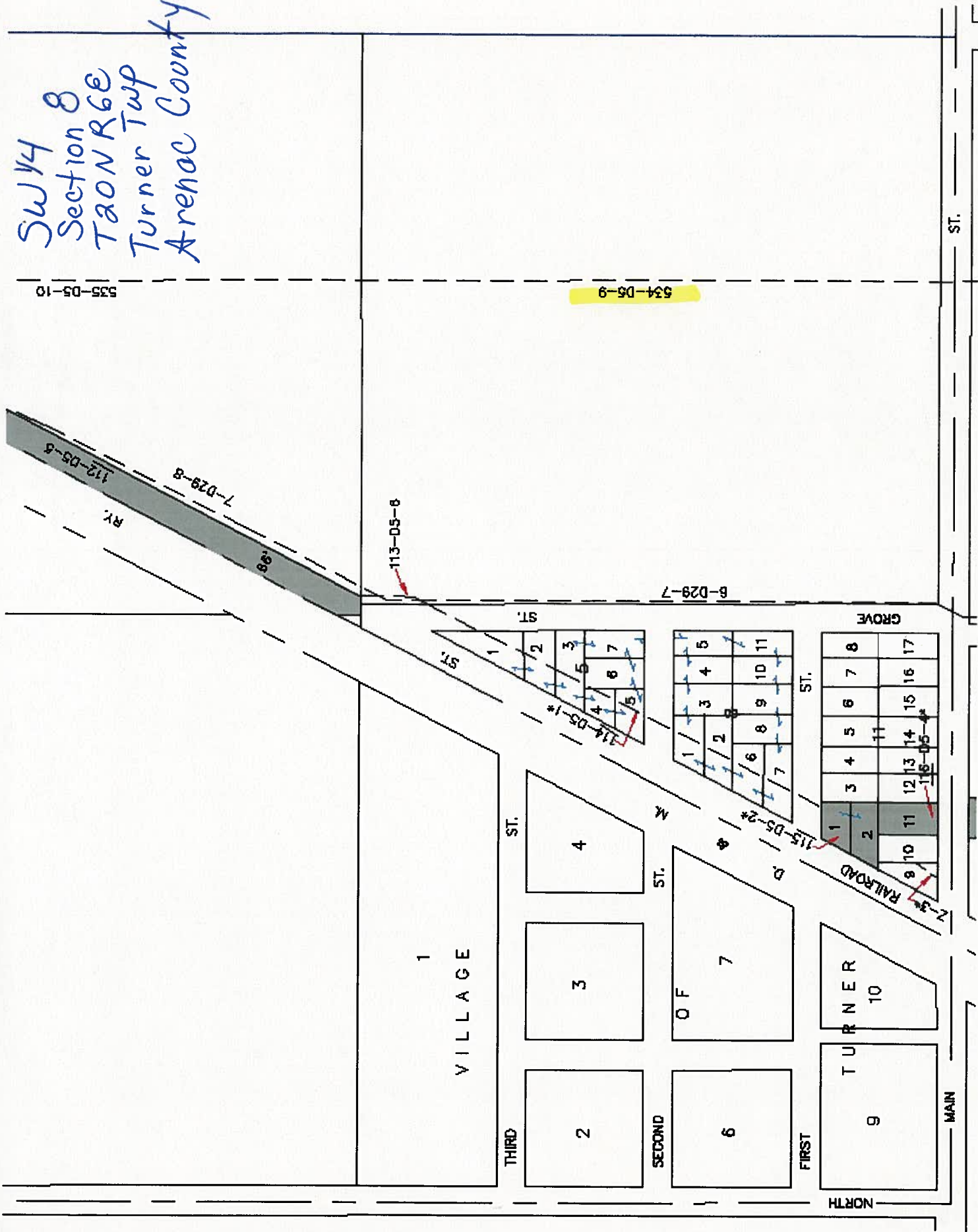
3

2

1



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

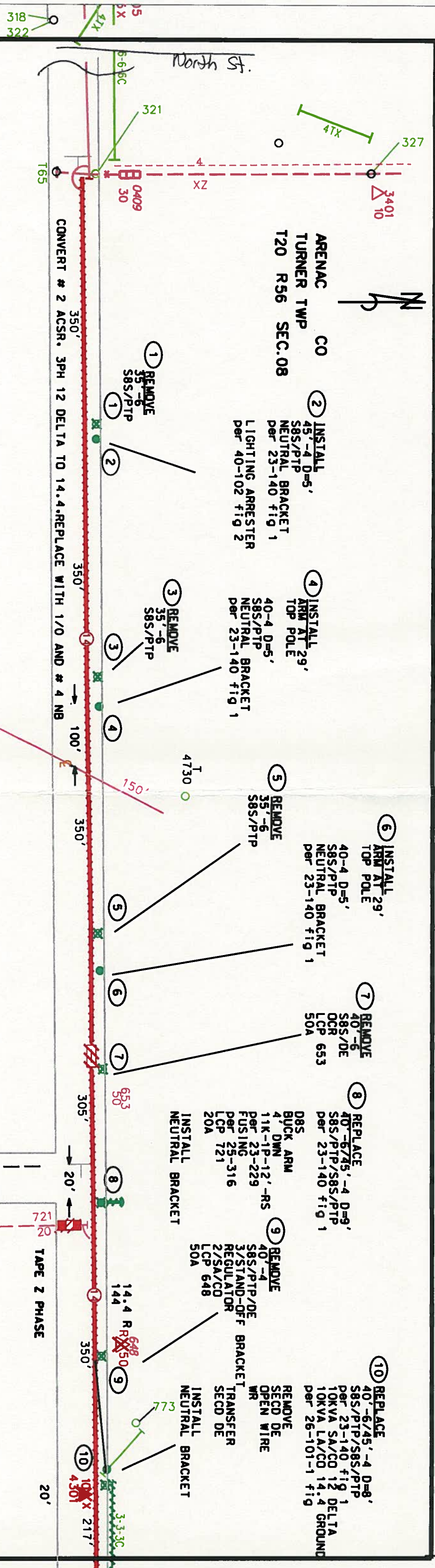


File Ref.	Date of Inst	Grantor	Exhibit A - II Grantee	Sect.	Town/Range	Township/Flat/City/Village	LiberalPg
537-D5-12 537-D5-5	01/27/1960	Martin O. White and Viva A. White, his wife	Consumers Power Company	8 5	T20N/R6E T20N/R6E	Township: Turner Township: Turner	L119/P178
119.1-D5-13*	10/26/1964	Vern 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'  
~~1303#~~ 4E 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**  
 A CMS Energy Company 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