

CORNER WITNESSES

Southwest-Northeast 1/64 in Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
N30W 31.36' Set 60d spike and blazed 8" Maple
N30E 33.72' Set 60d spike and blazed 12" Pine
S80E 44.29' Set 60d spike in 8" Cherry
S80W 40.58' Set 60d spike and blazed 8" Maple
Set Carsonite Post 1.0' northwest

Center-South-Northeast 1/64 in Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
N20E 13.28' Set 60d spike and blazed 30" Maple
N60E 15.48' Set 60d spike and blazed 6" Oak
N50W 14.51' Set 60d spike and blazed 6" Maple
S80E 61.74' Set 60d spike and blazed 12" Cherry
Set Carsonite Post 0.5' north

Corner Code 9, East 1/16 corner, Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
N40W 8.17' Set 60d spike in 8" Maple
N40E 6.53' Set 60d spike and blazed 8" Maple
S80E 10.77' Set 60d spike and blazed 7" Hophornbeam
S70W 16.65' Set 60d spike and blazed 18" twin Maple
Set Carsonite Post 2' southeast

Center-West-East 1/64 in Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
N30E 22.94' Set 60d spike in 8" Cherry
S80W 1.05' Set 60d spike and blazed 4" Cherry
N40W 48.86' Set 60d spike and blazed 18" Cherry
S10E 17.23' Set 60d spike and blazed 10" Cherry
Set Carsonite Post 0.5' southwest

Center-West-Southwest 1/64 in Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
N30W 14.38' Set 60d spike and blazed 8" Pine
N40E 79.00' Set 60d spike in 18" Pine
S70W 28.98' Set 60d spike and blazed 10" Pine
S20W 29.20' Set 60d spike and blazed 6" Pine
Set Carsonite Post 0.5' southwest

Corner Code 11, Southwest 1/16 corner, Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
N45W 5.96' Set 60d spike in 16" Pine
N30E 19.39' Set 60d spike and blazed 8" Pine
N80E 24.50' Set 60d spike and blazed 24" Pine
S30E 39.03' Set 60d spike and blazed 6" Maple
Set Carsonite Post 1' southeast

Center-South-Northeast 1/64 in SW 1/4 Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
N20E 14.74' Set 60d spike and blazed 12" Maple
N50E 13.83' Set 60d spike and blazed 12" Maple
South 6.06' Set 60d spike and blazed 6" Maple
S40W 14.57' Set 60d spike in 10" Maple
Set Carsonite Post 0.5' northeast

Northwest-Southwest 1/64 in Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
N70E 8.33' Set 60d spike and blazed 12" Cherry
N40W 26.25' Set 60d spike and blazed 18" Maple
S40E 13.92' Set 60d spike in 6" Maple
S10W 13.43' Set 60d spike and blazed 10" Maple
Set Carsonite Post 0.5' northwest

Corner Code 9, East 1/16 corner, Section 22, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
N40E 31.91' Set 60d spike in 10" Pine
S80E 15.85' Set 60d spike in 8" Cherry
S20E 27.56' Set 60d spike in 12" Cherry
S60W 38.17' Set 60d spike and blazed 14" Pine
Set Carsonite post 1' west

Corner Code 6, Northeast 1/16 corner Section 22, T28N-R7W
Found capped iron #24594, No occupation
Witnesses:
N40E 38.51' Set 60d spike and blazed 16" Cherry
S40E 37.35' Set 60d spike in 18" Cherry
South 36.29' Set 60d spike in 6" Pine
N60W 27.78' Set 60d spike in 7" Pine
Set Carsonite Post 0.5' southwest

Corner Code 13, Southeast 1/16 corner Section 22, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
N20W 5.53' Set 60d spike and blazed 4" twin Pine
N60E 18.00' Set 60d spike in 12" Pine
S20W 36.88' Set 60d spike and blazed 6" Pine
N60W 51.77' Set 60d spike and blazed 18" Pine
Set Carsonite Post 1' southwest

Center-East-Southeast 1/64 in Section 22, T28N-R7W
Found capped iron #26460, No occupation
Witnesses:
N20W 45.65' Set 60d spike in 7" Pine
East 40.88' Set 60d spike and blazed quad 12" Cherry
S10E 58.08' Set 60d spike and blazed 16" Cherry
N80W 52.58' Set 60d spike in 7" Ash
Set Carsonite Post 1' southeast

Center-East-East 1/64 corner in Section 22, 15, T28N-R7W
Found capped iron #24594, No occupation
Witnesses:
N20E 25.84' Set 60d spike in utility pole
S10W 39.79' Set 60d spike in 12" Maple
S40W 48.83' Set 60d spike in 10" Maple
N45W 48.62' Set 60d spike in 10" Maple
Set Carsonite Post 20.00' S45E

Corner Code 2, East 1/16 corner Section 22, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
East 43.88' Set 60d spike in 12" Poplar
N60E 40.35' Set 60d spike in 7" Pine
North 99.44' Set 60d spike in 16" Poplar
S45E 7.00' west rail of railroad
Set Carsonite Post 17.60' north

Corner Code 12, South 1/16 corner Section 22, T28N-R7W
Found capped iron #24594, No occupation
Witnesses:
N45W 18.33' Set 60d spike and blazed 8" Pine
N20E 14.00' Set 60d spike and blazed 7" Pine
South 44.41' Set 60d spike and blazed 18" Pine
S20W 40.81' Set 60d spike in 12" Pine
Set Carsonite Post 1.0' northeast

Corner Code 5, North 1/16 Section 22, T28N-R7W
Found capped iron #24594, No occupation
Witnesses:
North 31.52' chain link fence
N70W 67.64' centerline 3" diameter corner fence post
S45W 8.45' Set 60d spike and blazed 18" Cherry
S20W 16.72' Set 60d spike and blazed triple 18" Cherry
Set Carsonite Post 1.0' southwest

Corner Code 11, Southwest 1/16 corner Section 22, T28N-R7W
Found capped iron #28432, No occupation
Witnesses:
N30E 33.30' Set 60d spike and blazed 20" Pine
S40E 20.55' Set 60d spike in 12" Maple
West 26.90' Set 60d spike in 6" Pine
N40W 28.78' Set 60d spike in 12" Pine
Set Carsonite Post 1.0' northeast

Corner Code 8, West 1/16 corner Section 22, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
N30W 18.04' Set 60d spike and blazed 16" Maple
North 14.05' Set 60d spike and blazed 12" Maple
N80E 7.52' Set 60d spike and blazed triple 12" Maple
S70W 10.10' Set 60d spike and blazed 20" Cherry
Set Carsonite Post 1.0' northeast

Corner Code 8, West 1/16 corner Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
West 6.10' Set 60d spike and blazed 12" Maple
S10E 10.82' Set 60d spike and blazed 12" Maple
S57W 62.98' Shell pipeline riser
N32W 117.78' Found spike and blazed 12" Cherry,
Set Carsonite Post N45E 45'

Corner Code 4, Northwest 1/16 corner Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
West 15.27' Set 60d spike and blazed twin 18" Maple
S30W 20.10' Set 60d spike in 10" Hophornbeam
N70E 15.59' Set 60d spike and blazed 10" Hophornbeam
N20E 12.64' Set 60d spike and blazed 5" Ash
Set Carsonite Post 5' south

Northwest side of consumers tower line in Southeast 1/4 Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
S40E 25.33' Set 60d spike and blazed 12" Cherry
N45W 30.10' Set 60d spike and blazed 10" Maple
N60W 30.60' Set 60d spike and blazed 12" Cherry
S70W 41.38' Set 60d spike and blazed 12" Cherry
Set Carsonite Post 1' north

Southeast side of consumers tower line in Southeast 1/4 Section 23, T28N-R7W
Set 5/8"x3/4" rebar with 2" aluminum cap, No occupation
Witnesses:
S70W 7.09' Set 60d spike and blazed 10" Maple
S30E 26.50' Set 60d spike and blazed 10" Beech
S70E 35.22' Set 60d spike and blazed 10" Beech
N45E 26.14' Set 60d spike and blazed 7" Pine
Set Carsonite Post 1' south

I8 W 1/4 Corner Section 23, T28N-R7W
as recorded in document 3053342
Found 3" brass disc, No occupation East-West
Witnesses:
N38W 39.29' Found spike/tag in power pole
N50E 41.05' Found spike in power pole
S86E 33.24' Found spike in post
S85W 71.21' Found spike in 14" Cherry
Set Carsonite Post 33' east

I7 NW Corner Section 23, T28N-R7W
as recorded in document 3053341
Found 3" brass disc in monument box, No occupation East-West
Witnesses:
N20W 67.56' Found spike in power pole
N53E 28.46' Found spike in 6" Cedar
S87E 26.64' Found spike in 14" Tamarack
West 22.45' Found 1 1/2" iron pipe
Set Carsonite Post 33' east

H9 S 1/4 Corner Section 22, T28N-R7W
as recorded in document 3053338
Found 3" brass disc, No occupation North-South
Witnesses:
North 33.00' Found capped iron #24594
S55E 39.33' Found spike/cap in railroad crossing sign post
S72W 73.86' Found spike in power pole
N39W 72.33' Found spike in 30" Maple
Set Carsonite Post 33' north

G9 SW Corner Section 22, T28N-R7W
Found 3" brass disc in monument box, Steel fence on south, old fence line north
Witnesses:
N10W 28.13' Centerline pipeline marker
North 33.03' Found 1/2" iron pipe
S20E 36.11' Set 60d spike in 18" Maple
S70W 48.75' Set 60d spike in 14" Maple
S60E 77.84' Found spike in twin 24" and 30" Maple
Set Carsonite Post 33' north

K8 E 1/4 Corner Section 23, T28N-R7W
as recorded in document 3053352
Found 3" brass disc, No occupation
Witnesses:
North 107' Centerline tower line
S62E 63.60' Found spike/tag and blazed 14" Triple Cherry
S20W 101.50' Found spike/tag and blazed 18" Maple in clump
S70E 38.50' Found T iron
Set Carsonite Post 33' east

K9 SE Corner Section 23, T28N-R7W
as recorded in document 3053353
Found 3" brass disc
Witnesses:
N63E 71.58' Found spike and blaze in 22" Maple
S25E 102.22' Found spike/tag in power pole
S57W 62.98' Shell pipeline riser
N32W 117.78' Found spike and blazed 12" Cherry,
Set Carsonite Post N45E 45'

J9 S 1/4 Corner Section 23, T28N-R7W
Found 3" brass disc on centerline power line, No occupation North-South
Witnesses:
S70W 167.20' Pipeline riser
N45E 350.80' West leg of tower
S55E 139.54' Set 60d spike and blazed twin 16" Cherry
N30W 85.09' Set 60d spike top of 36" stump
Set Carsonite Post 33' north

I9 SW Corner Section 23, T28N-R7W
Found 3" brass disc in road intersection
Witnesses:
N69E 145.18' Found spike in 12" Cherry
S17E 82.81' Found spike in 24" stump
S52W 40.66' Found spike/tag in power pole
N20W 190.22' Found pk nail in power pole
Set Carsonite Post N45E 45'

K7 NE Corner Section 23, T28N-R7W
Found 3" brass disc, No occupation
Witnesses:
N53W 19.95' Set 60d spike and found blaze in 18" Maple
N40E 32.27' Set 60d spike and found blaze in 20" Maple
S65E 26.50' Found spike/tag and blaze in 10" Maple
S20W 5.87' Set 60d spike and blazed 16" Maple
Found Carsonite Post 1.2' SW

J8 Center Section 23, T28N-R7W
Searched area, not found. Calculated position used at intersection of quarter lines. No occupation found.
Witnesses:
J7 N 1/4 Corner Section 23, T28N-R7W
Found 3" aluminum disc, No occupation
Witnesses:
N58E 23.44' Set 60d spike and found blaze twin 16" Maple
N10E 29.83' Set 60d spike and blazed 8" Ash
N80W 13.58' Set 60d spike and blazed 12" Maple
S20E 18.93' Set 60d spike and blazed 16" Maple
Found Carsonite Post 1.3' north

G7 NW Corner Section 22, T28N-R7W
as recorded in document 3053332
Found 3" aluminum cap, No occupation
Witnesses:
S09W 58.35' Found spike/tag and blaze in 12" Cedar
S30E 73.92' Found spike/tag and blaze in 10" Cedar
S71E 42.75' Found spike/tag and blaze in 12" Cedar
S50E 6.20' Set 60d spike and blazed 4" Fir
Set Carsonite Post 0.33' east

G8 W 1/4 Corner Section 22, T28N-R7W
Found 3" aluminum disc, No occupation
Witnesses:
S67W 22.41' Found spike/tag and blaze in 8" Maple
N55W 18.34' Found spike/tag and blaze in 14" Maple
N38E 21.14' Found spike/tag and blaze in 12" Maple
S70E 18.52' Found spike/tag and blaze in 8" Cherry
Set Carsonite Post 0.5' west

H7 N 1/4 Corner Section 22, T28N-R7W
as recorded in document 3053337
Found 3" aluminum disc, No occupation
Witnesses:
N34W 4.89' Found spike and blaze in 5" Cedar
N74E 6.66' Found spike and blaze in 8" Cedar
S18W 13.13' Found spike and blaze in 8" Hemlock
S60W 8.88' Found spike and blaze in 6" Cedar
Set Carsonite Post 1.2' north

H8 Center Section 22, T28N-R7W
Searched area, not found. Calculated position used at intersection of quarter lines. No occupation found.
Witnesses:
SE Corner of S 800' of the W 800' of the SW 1/4 of Section 23, T28N-R7W
Found 1" steel bar, No occupation
Witnesses:
S80E 176.72' Set 60d spike in utility pole
S80W 173.95' Set 60d spike in utility pole
North 33.00' Found capped iron #24600
South 70.91' Set 60d spike in 10" Pine
Set Carsonite Post 33' north

NW Corner of S 800' of the W 800' of the SW 1/4 of Section 23, T28N-R7W
Found 1" steel bar, No occupation
Witnesses:
N40W 46.00' Found pk nail in utility pole
East 33.00' Found capped iron #24600
S30E 71.44' Set 60d spike in twin 16" Cherry
S20W 172.02' Set 60d spike in utility pole
Set Carsonite Post 33' east

Corner Code 3, North 1/16 corner, Section 23, T28N-R7W
Found 1" iron bar, on tree line West
Witnesses:
S30W 77.77' Set 60d spike in utility pole
S40E 31.95' Set 60d spike in 10" Maple
N80W 68.48' Set 60d spike and blazed 12" Pine
N20W 148.16' Set 60d spike in utility pole
Set Carsonite Post 33' east

NE Corner of the S 800' of the W 800' of the SW 1/4 Section 23, T28N-R7W
Found capped iron #24600, No occupation
Witnesses:
S80E 31.87' Set 60d spike and blazed 12" Jack Pine
N20E 56.54' Set 60d spike and blazed 12" Birch
N45E 51.45' Set 60d spike and blazed 6" Cherry
S80W 45.75' Set 60d spike in 12" Cherry
Set Carsonite Post 0.5' NE

Corner Code 7, North 1/16 corner, Section 23, T28N-R7W
Found 5/8" bar, No occupation
Witnesses:
N20W 8.65' Set 60d spike and blazed 6" Hophornbeam
S45E 10.75' Set 60d spike in 12" Hophornbeam
N70W 22.68' Set 60d spike and blazed 10" Hophornbeam
S40W 28.49' Set 60d spike and blazed 10" Hophornbeam
Set Carsonite Post 0.5' SE

COORDINATES

MICHIGAN STATE PLANE COORDINATES, NAD83, CENTRAL ZONE, NA2011, INTERNATIONAL GRID FEET. POINT NUMBERS BELOW ARE DENOTED WITHIN THE MAP HEREON. POINT NORTHING EASTING

Point Number	Northing	Easting	Description
1	544605.299	19491557.780	SCOR
2	541952.920	19491507.955	SCOR
3	541978.753	19488862.140	SCOR
4	542003.921	19486217.760	SCOR
5	544639.055	19486239.096	SCOR
6	547271.616	19486288.084	SCOR
7	542055.286	19483569.592	SCOR
8	542091.964	19480925.012	SCOR
10	547199.828	19491586.951	SCOR
11	547221.693	19488947.095	SCOR
13	547335.407	19481012.788	SCOR
20	544725.425	19480980.060	SCOR
24	547303.901	19483650.908	SCOR
25	541996.309	19487017.623	FIB
26	542803.882	19486224.157	FIB
27	545953.318	19486263.557	FIB
28	542796.172	19487024.028	FIC 24600
29	545902.505	19491572.413	FIB
65	545267.480	19489577.919	SI
66	545263.037	19490240.328	SI
67	544613.760	19490231.407	SI
68	544617.905	19489568.197	SI
70	543316.204	19486892.218	SI
71	543310.933	19487555.949	SI
72	543970.783	19487564.109	SI
73	543975.672	19486898.902	SI
74	544660.640	19484924.649	SI
75	545973.758	19484947.266	FIC 24594
76	543345.149	19484909.167	SI
77	543333.231	19485568.786	FIC 26460
78	544649.611	19485581.599	FIC 24594
79	547287.750	19484969.489	SI
81	544630.632	19487572.025	SI
82	545938.629	19487594.824	SI
83	543686.334	19490242.692	SI
84	543288.932	19490313.573	SI
86	543368.412	19483589.963	FIC 24594
87	545993.027	19483630.130	FIC 24594
88	543388.503	19482270.856	FIC 28432
91	544703.864	19482295.169	SI

SURVEY HISTORY

1839, GENERAL LAND OFFICE, HIBLEY, ALL SECTION CORNERS OF T28N-R7W
1850, GENERAL LAND OFFICE DEPENDANT RESURVEY, LYON, ALL SECTION CORNERS OF T28N-R7W
1967, MANCHE, UNRECORDED CONSUMERS POWER CO. SURVEY
1972, VERBA, RECORDED SURVEY L1, P160
1972, OSTLING, RECORDED SURVEY L1 P186
1972, PARKER, RECORDED SURVEY L1, P254
1976, FLETCHER, RECORDED SURVEY L1, P854
1976, HUGHES, RECORDED SURVEY L1, P976
1976, HUGHES, RECORDED SURVEY L1, P974
1977, ROSER, LCR, L2, P71
1977, ROSER, LCR, L2, P76
1977, ROSER, LCR, L2, P77
1977, ROSER, LCR, L2, P78
1977, ROSER, LCR, L2, P780
1977, ROSER, LCR, L2, P86
1978, ROSER, DNR SURVEY
1989, BRAND, LCR, L2, P377
1993, FARRIER, RECORDED SURVEY L4, P175
1994, FARRIER, RECORDED SURVEY L4, P231
1999, WAY, RECORDED SURVEY DOC. NO. 3027645
1999, WAY, RECORDED SURVEY DOC. NO. 3023030
2000, FARRIER, RECORDED SURVEY DOC. NO. 3039699
2003, FARRIER, LCR, DOC. NO. 3053332
2003, FARRIER, LCR, DOC. NO. 3053347
2003, FARRIER, LCR, DOC. NO. 3053351
2003, FARRIER, LCR, DOC. NO. 3053333
2003, FARRIER, LCR, DOC. NO. 3053342
2003, FARRIER, LCR, DOC. NO. 3053348
2003, FARRIER, LCR, DOC. NO. 3053353
2003, FARRIER, LCR, DOC. NO. 3053343
2006, FARRIER, RECORDED SURVEY DOC. NO. 3072563
2010, MDT RIGHT OF WAY MAP FOR M-66, FILE NO. 40-R-3
2013, DAVSON, DNR SURVEY
2013, DAVSON, LCR, RECORDED SURVEY DOC. NO. 8025797
2014, FARRIER, RECORDED SURVEY DOC. NO. 8036944

10-15-20
11-20-20

ISSUED FOR:
CLIENT REVIEW
CLIENT USE

MICHIGAN DNR
ATTN: JEREMY PIPP, PS
DNR NUMBER: FM 41-18

REVISIONS:
SCALE 1" = 500'
SHEET: 2 OF 2
PROJECT NO: 10737

SECTIONS 22 & 23, T28N-R7W
RAPID RIVER TOWNSHIP
KALKASKA COUNTY, MICHIGAN
BOUNDARY AND RETRACEMENT
SURVEY

3503 VANDYKE
MARLETTE, MI 48453
810.346.2200
Info@MuxlowSurveying.com
MuxlowSurveying.com

MUXLOW SURVEYING

V2