



	Age Class														Total	
	Non-Forested	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Uneven Age
Aspen	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	33
Bog	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
Herbaceous Openland	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Jack Pine	0	0	120	112	157	0	0	0	0	0	0	0	0	0	0	389
Low-Density Trees	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Aspen/Balsam Poplar	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	11
Lowland Conifers	0	0	5	5	25	0	0	0	0	0	0	0	0	0	0	34
Lowland Deciduous	0	0	0	19	106	0	0	0	86	110	6	0	0	0	0	327
Lowland Mixed Forest	0	0	2	0	8	0	0	0	0	0	0	0	0	0	0	10
Lowland Shrub	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	109
Marsh	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47
Mixed Upland Deciduous	0	0	83	20	0	0	0	0	62	0	0	0	0	0	0	165
Natural Mixed Pines	0	0	10	0	0	0	0	0	0	5	5	0	0	0	27	47
Northern Hardwood	0	0	5	35	5	0	0	0	5	0	0	0	0	0	0	50
Oak	0	0	131	49	23	9	0	0	9	48	26	0	0	0	0	295
Treed Bog	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
Upland Mixed Forest	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	28
Upland Shrub	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Urban	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Water	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
White Pine	0	0	0	0	9	0	0	0	0	0	0	0	0	0	8	18
Total	328	0	382	283	334	9	0	0	162	163	37	0	0	0	36	1735



Table 2 – Proposed Treatment Summaries

Gladwin Mgt. Unit
Year of Entry 2013

Compartment 068
Total Compartment Acres: 1735

Acres by Treatment Type

Commercial Harvest - 98	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Lowland Deciduous	0	0	5	0	0	0	5	5
Mixed Upland Deciduous	0	0	0	49	0	0	49	49
Natural Mixed Pines	0	5	0	31	0	0	36	36
White Pine	0	8	0	0	0	0	8	8
Total	0	13	5	81	0	0	98	98



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
52	73068052 - SW	26.3	42260 - Natural Pine, Mixed Deciduous	High Density Log	97	Harvest	Shelter Wood with Reserves	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal

Prescription Shelterwood: Individual tree mark red pine with orange paint to reduce red pine BA in red pine clumps to 50 (overall red pine BA in stand is 32; residual will be 20). Remove WP over 5" D by spec but mark 10 BA of log sized white pine to retain. Remove all aspen and red maple using specification in contract. Residual BA should be 40. Do not cut any other species (trace of black spruce, paper birch, jack pine, tamarack and white oak). These species and residual pine will serve as retention.

Other
Comments: It was mentioned at Pre-Review that there is an agreement with Sierra Club to not cut any white pine in this stand, but there was no document regarding this agreement in compartment folders. Prescription above is proposed but will be modified or dropped if document is found. MO is mixed stand with current spp: want to regenerate as much red pine, aspen and oak as possible and keep from going completely to white pine and red maple. Use regen protection spec but dont need to enforce rigorously; harvest will reduce but not eliminate white pine understory. Scattered vernal ponds. Old overstory with about 60 BA red and white pine, with heavy white pine sap/seed understory. Stand very slightly hummocky and wet in places. LOW windthrow concern, but it is a concern.

Next
Steps:

66	73068066 - Sel	8.3	42200 - Natural White Pine	High Density Pole	97	Harvest	Single Tree Selection	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Cut all maple and aspen. 8" spec on white pine (thin from above). DO NOT CUT OTHER SPP.

Specs:

Other
Comments: This prescription will yield a small but merchantable volume, and will maintain red and jack pine, oak, paper birch and aspen in the stand over the long run while leaving enough basal area to keep white pine from being damaged by white pine weevil. Use regeneration protection spec and ORV trail spec. Uneven aged stand. Stand is succeeding to white pine and red maple.

Next
Steps:

77	73068077 - SW	11.7	4199 - Other Mixed Upland Deciduous	Medium Density Log	79	Harvest	Shelterwood	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal
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Prescription Shelterwood by removing red maple and jack pine, and leaving all other spp. Mark some red maple for retention to reach total residual BA of 40.

Specs:

Other
Comments: MO is to increase oak, red and white pine in stand, and to maintain the small jack pine component through natural regen. BA = 79 on 3 plots at north end, but overall more like 70. Similar to st 89 but very little jack pine. Like st 89, 15% lowland but no sensitive fern. Like st 89, not fully stocked understory, heavy bracken and V, and moderate density.

Next
Steps:

89	73068089 - SW	20.4	4191 - Mixed Upland Deciduous with Conifer	High Density Log	79	Harvest	Shelterwood	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal
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Prescription Remove all jack pine and aspen. Do not cut any other species. Residual BA will be about 40. Where oak clumps have BA >50, mark trees for removal with orange paint to reduce clumps to 50. This is due to patchy distribution of different species. Overall BA may be less than 40, which is acceptable.

Specs:

Other
Comments: 10 % lowland: shallow depressions. Closed ORV trail through stand revegetating well.

Next
Steps:

Next
Steps:

100	73068100 - ST	4.7	6115 - Lowland Ash	Medium Density Pole	76	Harvest	Seed Tree with Reserves	6113 - Lowland Maple	Cmpt. Review Proposal
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Prescription Cut all ash as pre-salvage, and cut all aspen. Do not remove trees of any other species. Harvest during dry or frozen conditions.

Specs:

Other
Comments:

Next
Steps:

**Table 3 -- Treatments Prescribed
with No Limiting Factor**



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
102	73068102 - SW	17.0	4199 - Other Mixed Upland Deciduous	Medium Density Log	76	Harvest	Shelterwood	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal

Prescription: Shelterwood: Remove all aspen and most mature red maple. Mark red maple between 8 and 14 inch diameter with green paint for retention to achieve residual stand with a total of 40 BA. Remove all ash regardless of merchantability (pre-salvage). Do not cut oak of any size, or any other species.

Other Comments: Harvest dry/frozen ONLY, non-negotiable. Use regen protection spec. 25% lowland (shallow). Upland fairly sparse with oak comprising >50% of overstory. OPERABLE. Volume removed will not be very large, but stand is marketable.

Next Steps:

**Total Treatment
Acreage Proposed: 88.3**

Table 4 -- Treatments Prescribed with a Limiting Factor



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Error

Prescription Specs:

Other Comment:

Next Steps:

Limiting Factor and No Treatment Reason

Total Treatment Acreage Proposed: 0

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2013



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription
Specs:

Other
Comments:

Next
Steps:

**Total Treatment
Acreage Proposed: 0**

S t a n d	Gladwin Mgt. Unit		5 – Forested Stands			Compartment: 068
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013
						General Comments:
1	4139 - Aspen, Mixed Deciduous	High Density Pole	12.1	25		Tr of CC, Elm in canopy.
5	4199 - Other Mixed Upland Deciduous	Low Density Sapling	9.2	25		Tr of W, J in canopy, Svcb in sub.
6	4131 - Aspen, Oak	Low Density Sapling	20.6	25		Scattered clones of fairly dense aspen, about 50%, and 50% more open with oak. Heavy V ground cover w/ sparse lowland shrubs. Low SI: aspen short, poor form for age. Trace of T, J, R, B in canopy.
7	4116 - Mixed N. Hardwood - Aspen	High Density Sapling	6.5	25		20% very wet (sensitive fern) lowland. Upland is mesic. Tr of PO, B, CC in canopy.
9	4112 - Maple, Beech, Cherry Association	High Density Sapling	15.9	25		Supercanopy of red maple 5-10% of stand.
10	6119 - Mixed Lowland Deciduous Forest	Medium Density Log	97.6	81		Tr of elm, PO (can) and T (sub)
11	4199 - Other Mixed Upland Deciduous	Medium Density	10.5	23		Tr of B in canopy, TA in sub.
12	4125 - Black, N. Pin Oak	Medium Density	8.1	23		Far W and NE ends (5-10%) is sparser w/ oak supercanopy (10-20% BA)
14	6113 - Lowland Maple	Low Density Sapling	3.9	23		
15	4125 - Black, N. Pin Oak	Medium Density	10.6	23		Tr of B (canopy)
16	42221 - Natural Jack Pine, Mixed Deciduous	Medium Density	17.3	23		Tr of W, SVCB in canopy.
17	4125 - Black, N. Pin Oak	High Density Sapling	6.2	26		Ground cov highbush blueb. Tr of chk cherry (sub)
18	4125 - Black, N. Pin Oak	Low Density Sapling	21.1	15		Tr of BTA, RM, R (can) and cc (sub)
19	4125 - Black, N. Pin Oak	Medium Density	17.4	26		
20	6126 - Lowland Jack Pine	High Density Sapling	42.0	16		Ground cover V. Shallow lowland: 20-30% scattered upland. Very dense.
21	4125 - Black, N. Pin Oak	Medium Density Pole	8.9	47		Tr of B (can) and W (sub)
22	6126 - Lowland Jack Pine	Low Density Sapling	12.0	24		Grnd cover V and labradour tea.





	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
23	4125 - Black, N. Pin Oak	Low Density Log	24.5	87		Grnd cov V and sedge (20-30%). Tr of J (can), W, and R (sub)
24	6126 - Lowland Jack Pine	Medium Density	29.8	23		St 24 smaller J and more O and RM than this stand. Grnd cov heavy leatherleaf w/ a little bluberry. Trace of PO, RM (can) and W, CC (sub)
27	4125 - Black, N. Pin Oak	Low Density Log	13.4	94		Tr of RP in canopy, Haz, J, RM, WO, BTA, R in subcanopy.
28	4125 - Black, N. Pin Oak	Low Density Log	23.2	89		Tr of W, J, R in canopy. Very good candle growth on J in compartment as a whole. Also very heavy oak germination this spring.
32	6127 - Lowland Pine	Low Density Sapling	4.6	26		Grnd cov V. Tr of T (can), R (sub).
35	6113 - Lowland Maple	Medium Density Log	6.2	97		Supercanopy of log sized trees, but most of stand is not very dense and has sparse regen. Tr of B (canopy) and Hazel, RO, WO (sub)
37	6113 - Lowland Maple	Medium Density	5.1	36		larger, and denser trees, than stand 31, little more upland, and more maple. Tr of QA in overstory.
40	6119 - Mixed Lowland Deciduous Forest	Low Density Pole	9.2	37		N, V and L ground cover.
42	42290 - Natural Mixed Pine	Medium Density Log	5.2	81		STr of WO in subcanopy.
43	4125 - Black, N. Pin Oak	Medium Density Pole	6.4	24		Four small ridges that were included in larger jack pine stand previously, and were not treated with adjacent oak stands (three of which are in comp 69) because younger. Tr of R in canopy, and Haz in sub.
44	4122 - Oak, Pine	High Density Sapling	26.6	16		Log sized R clumps near highway and few smaller in rest of stand. 10% lowland. Brnd cover highbush blueberry (V). Tr of Chk cherry in sub.
45	6126 - Lowland Jack Pine	Low Density Sapling	18.9	24		Tr of QA, B, W, R in canopy.
46	6127 - Lowland Pine	Medium Density Pole	18.6	37		Tr of R, WO, B, BO (can)
47	6113 - Lowland Maple	High Density Pole	9.1	37		Tr of SWO, BA (can), and MI holly, T (sub)
49	4125 - Black, N. Pin Oak	Medium Density Log	12.4	94		Tr of R in canopy.
50	42200 - Natural White Pine	Medium Density Pole	4.5	37		Grades to wetter with patches of V at W end. Tr of J, QA in canopy.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
51	42200 - Natural White Pine	High Density Sapling	4.8	37		Supercanopy of white pine is 20% of crown cover. Also some RM and O. W very large X logs. Tr of: RO, B, R, WO (can), C (sub).
52	42260 - Natural Pine, Mixed Deciduous	High Density Log	27.4	Uneven Age	81-110	BA east of Center Fireline Rd: 101, West of CF 141, north end 76. BA swings: 70, 120, 90, 120, 30, 200, 140, 190, 30, 60, 140, 100, 110, 80. BA: WP 38, RP 32, RM 18, BO 13, QA 4. Ave 105. Tr of BS, B, J, T, WO in canopy.
54	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	6.7	37		grnd cov V, L. Note: Mostly high bush blueberry throughout compartment. Tr of RP (sub)
55	42250 - Pine, Oak	High Density Log	4.6	94	81-110	BA swings: 90, 130, 50, 80. BA: BO 65, J 18, W 3, R 2.
56	4116 - Mixed N. Hardwood - Aspen	High Density Sapling	13.0	26		Tr of BC, T in canopy.
61	4310 - Pine, Oak Mix	Medium Density Pole	15.1	13		Grnd cov upland V.
62	4125 - Black, N. Pin Oak	Medium Density	25.7	15		17 ft tall RM understory is in the NE-most 2.5 ac under larger timber. Ranges in density from barely forested at far SW end to nearly 100% cover in center of southern part. Ridge connects N and S portions. Northeasternmost 2.5 ac is pole/log sized, 50% maple, 42 % BO. Tr of SVCB, W (under)
65	4125 - Black, N. Pin Oak	Medium Density Pole	8.8	37		BA swings: 40, 10, 0, 60. Tr R, Haz, Svcb in sub.
66	42200 - Natural White Pine	High Density Pole	8.3	Uneven Age		Trace of tamarack in canopy.
68	6112 - Lowland Aspen	High Density Pole	10.8	26		Some aspen log sized already. E/P clearcut regen'd very well. Grnd cov sens fern, forbs. Either SI is very high, or stand is older than previous OI indicated. '03 OI indicates SI = 50. Tr of BA and BC in subcanopy.
69	6115 - Lowland Ash	High Density Pole	15.2	26		Ground cover sensitive fern, forbs
71	6113 - Lowland Maple	Medium Density Pole	28.7	35		Grades into increasingly small saps to the west, and then into L. Pockets of L. SW portion of stand has areas with 8-12' tall TA, and W over swamp grass. Ranges from dense timber over swamp grass to sparse trees over TA/Willow. Tr of elm, cedar, tamarack (can), MI holly, T (sub)
73	4122 - Oak, Pine	Medium Density	5.8	13		Ground cov upland V.
74	4125 - Black, N. Pin Oak	Low Density Log	9.2	78		Tr of J in canopy. Grnd cov V, sedge, tr of sweet fern.
77	4199 - Other Mixed Upland Deciduous	Medium Density Log	11.7	79	51-80	Tr of Bk Cherry, WO, Tam in canopy, WO in sub.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
79	4310 - Pine, Oak Mix	Medium Density	13.2	15		grnd cov bracken, V, swt fern. Tr of T, WO (can), SVCB, Haz (sub)
82	6139 - Mixed Lowland Forest	High Density Sapling	1.8	14		
83	4112 - Maple, Beech, Cherry Association	High Density Sapling	5.2	15		Tr of WO in canopy.
84	42220 - Natural Jack Pine	Medium Density	18.7	12		
88	6126 - Lowland Jack Pine	High Density Sapling	6.3	12		Grnd cover V.
89	4191 - Mixed Upland Deciduous with Conifer	High Density Log	22.5	79		Grnd cov bracken, V. BA swings: 70, 150, 100, 70, 40, 50, 60, 120, 70, 70, 50. Average BA 77. Tr of R, WO, B (canopy), W, WO (sub).
94	4119 - Mixed Northern Hardwoods	High Density Pole	4.6	37		20% lowland along W and S edges. Aspen larger and taller: seems like supercanopy. Tr of RO (canopy)
96	6119 - Mixed Lowland Deciduous Forest	High Density Sapling	35.7	37		
97	6115 - Lowland Ash	Low Density Pole	5.3	37		Ground cover swamp grass and some cinnamon fern.
98	42220 - Natural Jack Pine	High Density Pole	22.0	34		Ground cover heavy V. Tr of W (can) and R (sub)
100	6115 - Lowland Ash	Medium Density Pole	12.0	76		South end more dense and uniform. Tr of elm, QA and B in canopy.
102	4199 - Other Mixed Upland Deciduous	Medium Density Log	17.0	76	51-80	Low areas have fully stocked RM regen. Harvest of dry areas will regenerate some RM, provide opportunity to regen a little oak and trace of pine, and may regenerate the 4 BA of aspen. Low priority harvest: Not a great stand: upland areas low volume, new stand will be as well. Tr of J, B, BC, R in canopy, Haz, BO, B, W in subcanopy. BA from 10 plots: RM 27, BO 19, GA 5, WO 5, Aspen 4.
103	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	12.8	37		Tr of B (can) and RO, W, HS (sub)
104	6126 - Lowland Jack Pine	Low Density Sapling	5.8	21		Heavy V grnd cov. 10- 20% upland w/ denser pine and highbush V. Tr of R, W in canopy.
105	6113 - Lowland Maple	Low Density Pole	5.9	70		
106	6139 - Mixed Lowland Forest	High Density Log	8.5	34		Tr of WO (can), Svcb and dgwd (sub)



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
107	42221 - Natural Jack Pine, Mixed Deciduous	Low Density Sapling	14.5	21		W end just >50% cover, and much more oak. E and closer to 25% cover. Brnd cov heavy V with some L at W end. Tr of B, W in canopy.
109	4125 - Black, N. Pin Oak	Low Density Log	14.3	34	1-50	Tr of R, W, WO, T, B in canopy, W, Svcb in sub. BA from 6 plots: BO 36, J 3, RM 5
111	6119 - Mixed Lowland Deciduous Forest	High Density Pole	24.9	76		BA from plots: RM 40, BA 58, B 5. 120, 110, 60 and 130 total. Tr of WO in canopy.
112	42220 - Natural Jack Pine	Medium Density	13.9	21		Heavy V grnd cov: a little sweet fern at S end. Tr of T, B, PO in canopy.
113	6128 - Lowland Coniferous, Mixed Deciduous	Low Density Sapling	4.5	10		
116	42220 - Natural Jack Pine	Medium Density	13.4	15		Tr of cc in canopy. Portion south of st 123 is lower.
118	4125 - Black, N. Pin Oak	Medium Density	51.8	15		Grnd cov Vac, bracken, sedge. West 1/2 of poly west of stand 116 is woodland W/J and lot of sedge openings. Area just sout of stand 116 is greater than 75% cover with about 25% aspen. Tr of R in canopy.
119	42250 - Pine, Oak	High Density Sapling	8.2	15		Grnd cover V. Tr of WP in canopy.
122	42221 - Natural Jack Pine, Mixed Deciduous	High Density Sapling	39.2	16		Varies from shallow V depressions (15%) to ridge. Tr of R, W in canopy.
123	6119 - Mixed Lowland Deciduous Forest	High Density Pole	12.9	80		Tr of J, W in subcanopy
125	4191 - Mixed Upland Deciduous with Conifer	Low Density Sapling	82.6	12		Cover ranges from small pockets <25% cover to small pockets 50-75%, average close to 50% cover. Grnd cover V and areas of reindeer moss (20-30%). Scattered supercanopy oaks <10 BA. Tr of B, WO in canopy.
126	6115 - Lowland Ash	Medium Density Pole	24.7	79		Ranges from nearly pure ash over swamp grass to sparse ash over heavy MI holly. Tr of WO, PO, elm (canopy) and W (sub)
127	42120 - Planted Jack Pine	High Density Sapling	14.2	35		Grnd cov V. Old ORV trail revegetating well. Tr of BTA in crown.
128	4199 - Other Mixed Upland Deciduous	Medium Density Log	11.1	79		Grnd cov heavy bracken. Tr of W, QA, BC (canopy), Svcb, W (sub)
129	6113 - Lowland Maple	Medium Density Log	18.6	79		Grnd cover Mi holly, cinn fern, swamp g, sens fern.

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Gladwin Mgt. Unit

5 – Forested Stands

Compartment: 068

Year of Entry: 2013



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
131	4119 - Mixed Northern Hardwoods	Medium Density Log	4.7	79		Drier than stand to N, wetter than st to S. GC bracken, other ferns, short Mich holly, moss, wintergreen. Tr T, R (can), MI holly, W, TA (sub)
132	6126 - Lowland Jack Pine	Medium Density Pole	4.7	35		Grnd cov V, lowland shrubs, moss. Patches of marsh/V at west end.
133	42260 - Natural Pine, Mixed Deciduous	Low Density Sapling	1.3	15		10-20% lowland at E end. Grnd cover bracken, V. Tr of T and CC. Hdwd/conifer difference with stand 45 to S, lowland vs. upland w/ st 42, 48 to N.
134	6126 - Lowland Jack Pine	Medium Density Pole	36.3	35		Complex mosaic varying from barely upland low to medium density J over V (majority), to low density O/A, to upland O/J ridge, with 5-10% small V pockets. Lower density and wetter than st 147 to E. Tr of RM, PO understory.
136	42220 - Natural Jack Pine	High Density Pole	51.9	35		Grnd cov vac. Slightly more mesic than stand 149.
138	42220 - Natural Jack Pine	Medium Density Pole	28.1	35		ORV trail thru western poly. All upland so operable for planting. Ridge runs through stand. Scattered supercanopy O. Tr of W in canopy, W, SVCB, R in subcanopy. 2 small polygons to N are heavier to oak.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	6220 - Alder/willow	11.4	No	Unspecified	Very wet. Mature, tall TA over swamp grass, sensitive fern, floating aquatic. Scattered ash and elm. Broad stream runs through stand.
3	6225 - Bog	2.9	No	Unspecified	Split out of stand 5. V with TA, honeysuckle, willow and 5-10% RM, PO, ash.
4	6225 - Bog	2.4	No	Unspecified	Split out of stand 5. V with TA, honeysuckle, willow and 5-10% RM, PO, ash.
8	6225 - Bog	6.4	No	Unspecified	Split out of stand 5. V with TA, honeysuckle, willow and 5-10% RM, PO, ash.
13	6225 - Bog	1.1	N/A	Unspecified	
25	622 - Lowland Shrub	3.3	N/A	Unspecified	
26	6225 - Bog	31.7	No	Unspecified	Pure leatherleaf bog.
29	3301 - Low Density Deciduous Tree	9.5	Natural Regen	Oak	
30	6233 - Wet Meadow	6.7	No	Unspecified	Marsh with deep water and sparse "joint grass"
31	6225 - Bog	4.4	No	Unspecified	leatherleaf and marsh grasses.
33	6233 - Wet Meadow	10.6	No	Unspecified	Pure marsh
34	6224 - Treed Bog	2.2	No	Unspecified	J, RM, QA, Serviceberry: patch of J.
36	6224 - Treed Bog	1.8	No	Unspecified	W, etc. Portions L.
38	6225 - Bog	7.0	No	Unspecified	Scattered J, B, W
39	6225 - Bog	3.7	No	Unspecified	
41	6220 - Alder/willow	27.4	No	Unspecified	L/N with few trees (B, W, J, T, RM).
48	6224 - Treed Bog	5.1	No	Unspecified	Log sized R, A, some O, RM over V.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
53	122 - Road/Parking Lot	8.5	N/A	Unspecified	Highway 61
57	6224 - Treed Bog	4.4	No	Unspecified	O, W, R, J
58	3203 - Upland Blueberry	4.6	Yes	Lowland Deciduous	
59	6224 - Treed Bog	2.3	No	Unspecified	J, T
60	3103 - Rubus-Fern	1.7	No	Unspecified	E 1/4 grass.
63	6220 - Alder/willow	19.0	No	Unspecified	>40% reeds. Willow and Tag alder.
64	6224 - Treed Bog	1.2	No	Unspecified	O, J, RM, T
67	6224 - Treed Bog	3.3	No	Unspecified	O, W, R, J
70	622 - Lowland Shrub	1.3	N/A	Unspecified	
72	122 - Road/Parking Lot	1.3	Yes	High (NonForested)	ORV parking lot and access road. Cover type = 122: Road/Parking Lot.
75	122 - Road/Parking Lot	1.7	N/A	Unspecified	
76	6225 - Bog	1.3	No	Unspecified	
78	6220 - Alder/willow	1.0	No	Unspecified	TA over swamp grass. 5% RM, W, B
80	6224 - Treed Bog	1.6	No	Unspecified	Treed bog. Pretty far along in succession: willow, W, J, RM, BA, TA, T.
81	6225 - Bog	1.3	No	Unspecified	Few J, W, RM, PO
85	622 - Lowland Shrub	1.1	N/A	Unspecified	
86	6220 - Alder/willow	14.9	No	Unspecified	Roughly 12 ft tall willow, TA: only saw far N side
87	6233 - Wet Meadow	14.0	No	Unspecified	small amount of cattails and tag alder



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
90	50 - Water	1.4	No	Unspecified	cover type 621: floating aquatic.
91	50 - Water	3.4	N/A	Unspecified	Cover type: 621 Floating Aquatic. 35 - 45% marsh.
92	6239 - Mixed Emergent Wetland	7.3	No	Unspecified	1/5 L, 1/5 floating aquatic.
93	6220 - Alder/willow	1.6	No	Unspecified	Willow
95	6220 - Alder/willow	3.7	No	Unspecified	willow
99	3103 - Rubus-Fern	9.7	N/A	Unspecified	
101	6220 - Alder/willow	2.5	No	Unspecified	willow
108	3203 - Upland Blueberry	15.2	Natural Regen	Oak	
110	6232 - Wet Prairie	5.6	No	Unspecified	35% open water
114	6224 - Treed Bog	1.0	No	Unspecified	jack pine over V
115	6224 - Treed Bog	19.1	Planted	Jack Pine	J stand harvested '08. V with residual pole/sap/log O, RM, A, J from harvest. Shallow water: could be trenched and planted if trenching occurred during dry late summer conditions, or if there was trenching equipment available that could operate in a lowland stand.
117	6225 - Bog	6.9	No	Unspecified	pure leatherleaf
120	6220 - Alder/willow	6.2	No	Unspecified	Willow.
121	6225 - Bog	1.5	No	Unspecified	
124	6220 - Alder/willow	15.5	No	Unspecified	Willow, TA, Honeysuckle, 40-50% lowland sedge
130	6233 - Wet Meadow	1.6	No	Unspecified	West end V with dead trees.
135	6233 - Wet Meadow	1.1	No	Unspecified	Marsh grass and 5-10% V. MI holly on edges.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
137	6225 - Bog	2.9	No	Unspecified	20% marsh, with 5% A, J, etc.



7 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

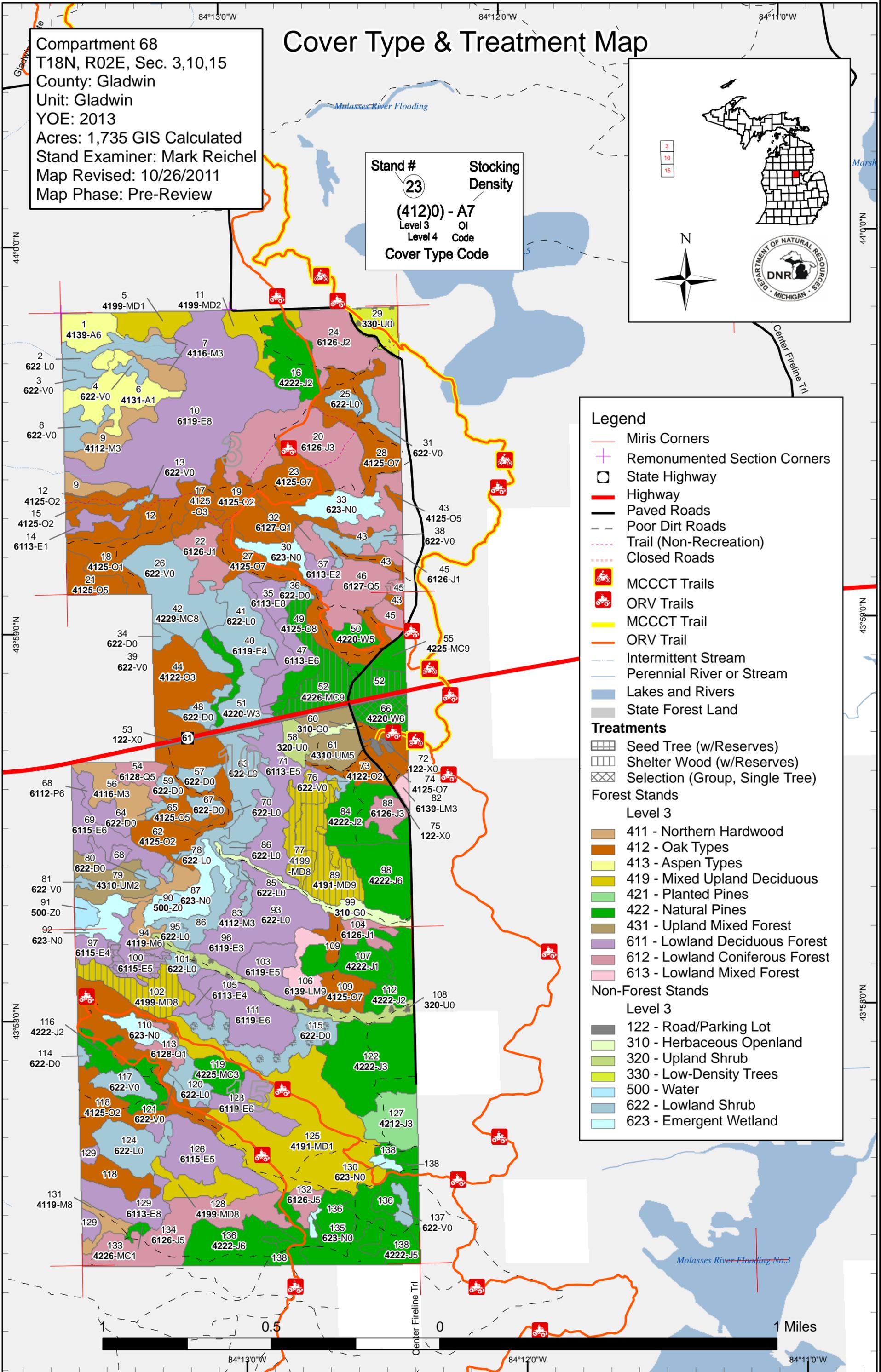
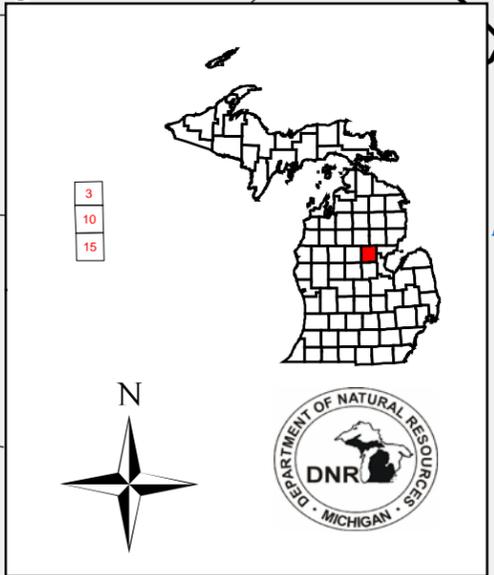
* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

Stand	SCA Type	SCA Name	Acres	Comments

Cover Type & Treatment Map

Compartment 68
 T18N, R02E, Sec. 3,10,15
 County: Gladwin
 Unit: Gladwin
 YOE: 2013
 Acres: 1,735 GIS Calculated
 Stand Examiner: Mark Reichel
 Map Revised: 10/26/2011
 Map Phase: Pre-Review

Stand #
 23
 (4120) - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code



Legend

- Miris Corners
- + Remonumented Section Corners
- State Highway
- Highway
- Paved Roads
- - - Poor Dirt Roads
- · - · - Trail (Non-Recreation)
- · · · · Closed Roads
- 🏍 MCCCT Trails
- 🏍 ORV Trails
- 🟡 MCCCT Trail
- 🟠 ORV Trail
- ⋯ Intermittent Stream
- Perennial River or Stream
- 🟦 Lakes and Rivers
- 🟤 State Forest Land

Treatments

- ▨ Seed Tree (w/Reserves)
- ▤ Shelter Wood (w/Reserves)
- ▩ Selection (Group, Single Tree)

Forest Stands

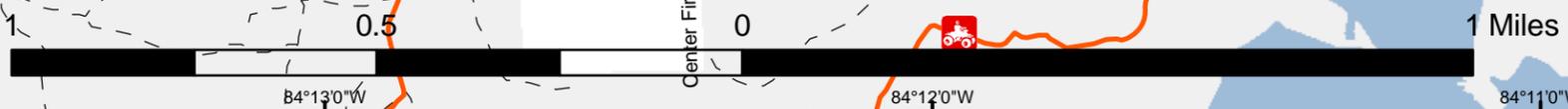
Level 3

- 🟤 411 - Northern Hardwood
- 🟠 412 - Oak Types
- 🟡 413 - Aspen Types
- 🟢 419 - Mixed Upland Deciduous
- 🟢 421 - Planted Pines
- 🟢 422 - Natural Pines
- 🟤 431 - Upland Mixed Forest
- 🟢 611 - Lowland Deciduous Forest
- 🟢 612 - Lowland Coniferous Forest
- 🟢 613 - Lowland Mixed Forest

Non-Forest Stands

Level 3

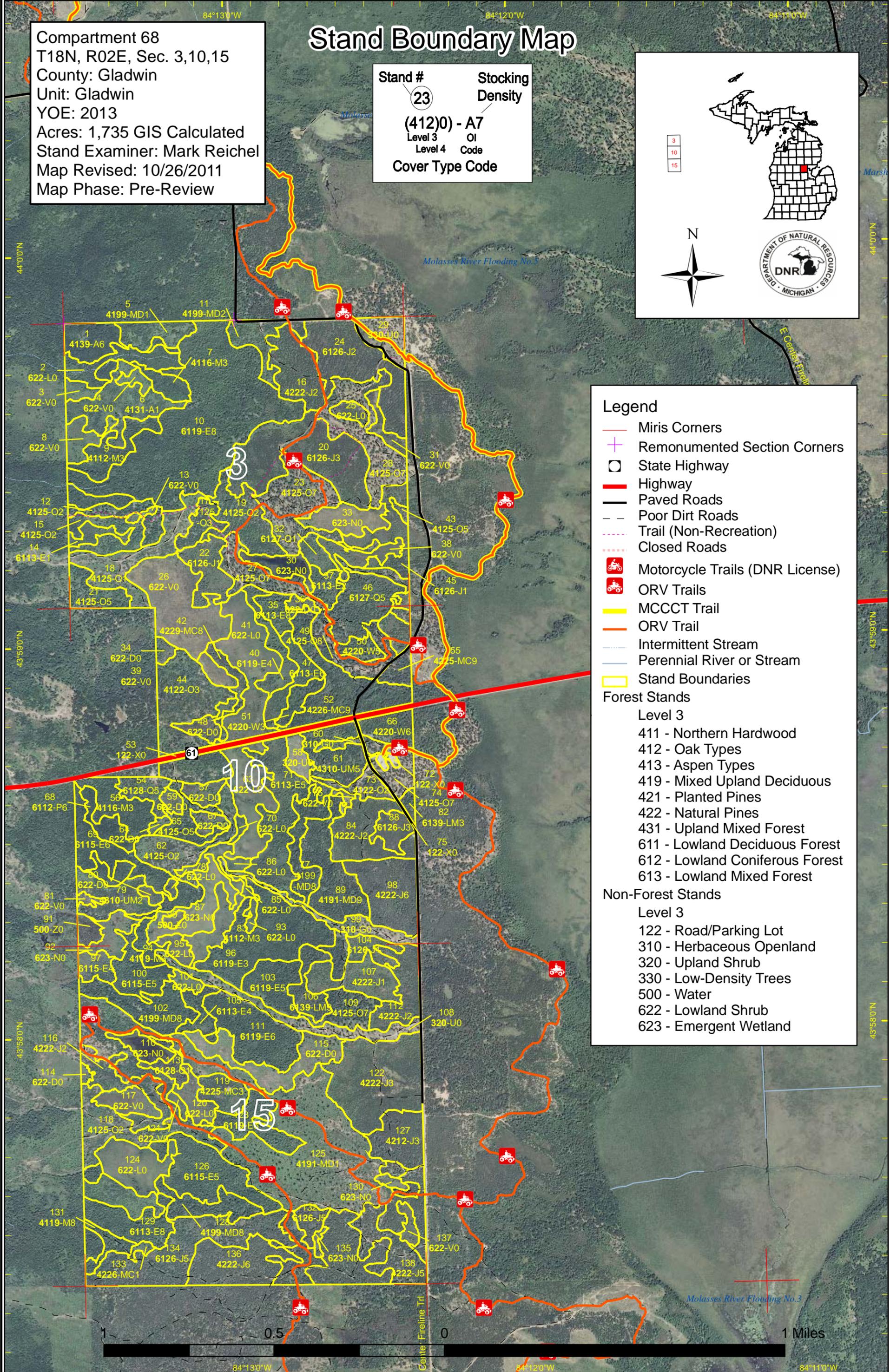
- 🟤 122 - Road/Parking Lot
- 🟡 310 - Herbaceous Openland
- 🟢 320 - Upland Shrub
- 🟢 330 - Low-Density Trees
- 🟦 500 - Water
- 🟢 622 - Lowland Shrub
- 🟢 623 - Emergent Wetland



Compartment 68
 T18N, R02E, Sec. 3,10,15
 County: Gladwin
 Unit: Gladwin
 YOE: 2013
 Acres: 1,735 GIS Calculated
 Stand Examiner: Mark Reichel
 Map Revised: 10/26/2011
 Map Phase: Pre-Review

Stand Boundary Map

Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code



Legend

- Miris Corners
- + Remonumented Section Corners
- State Highway
- Highway
- Paved Roads
- - - Poor Dirt Roads
- - - Trail (Non-Recreation)
- Closed Roads
- Motorcycle Trails (DNR License)
- ORV Trails
- MCCCT Trail
- ORV Trail
- Intermittent Stream
- Perennial River or Stream
- Stand Boundaries

Forest Stands

Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

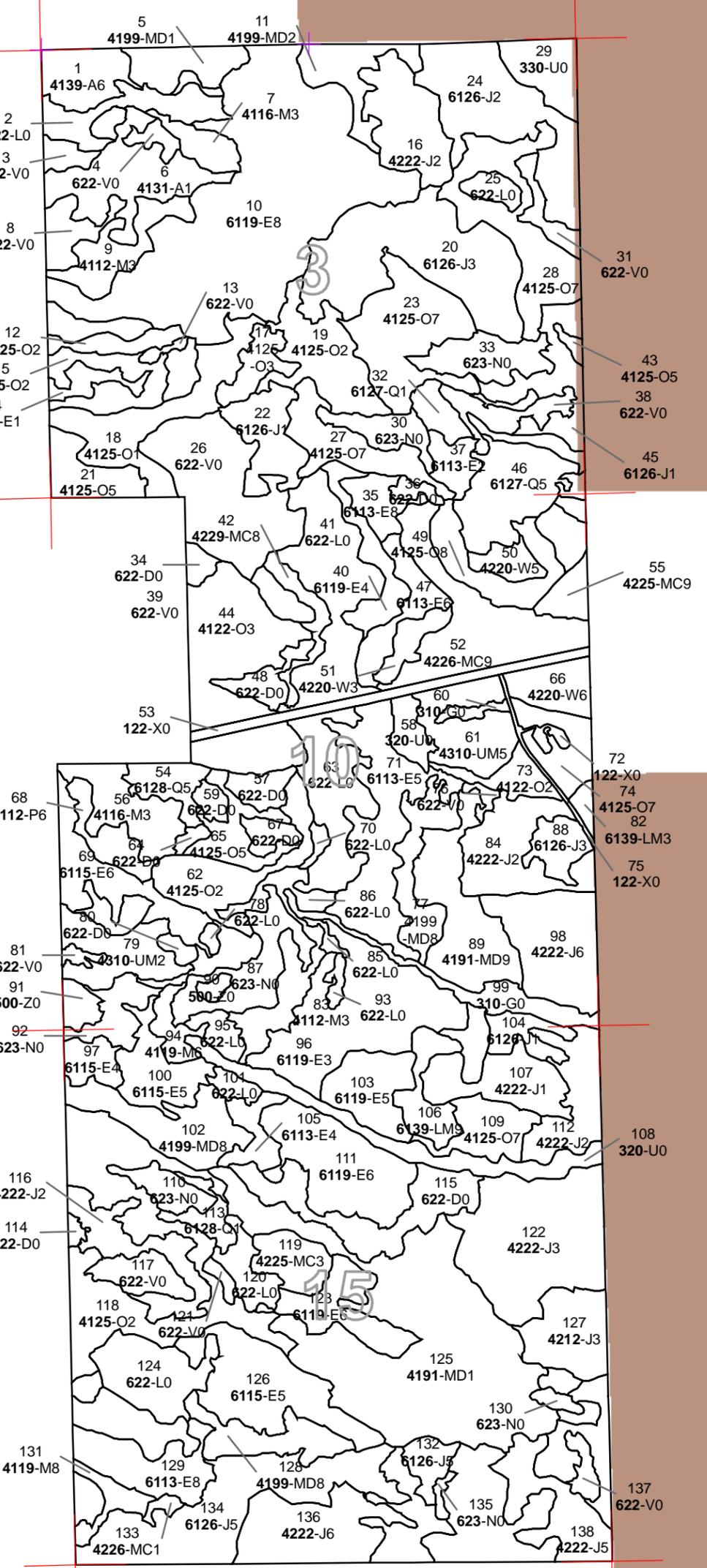
Level 3

- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

Compartment 68
 T18N, R02E, Sec. 3,10,15
 County: Gladwin
 Unit: Gladwin
 YOE: 2013
 Acres: 1,735 GIS Calculated
 Stand Examiner: Mark Reichel
 Map Revised: 10/26/2011
 Map Phase: Pre-Review

Dedicated & Proposed Special Conservation Area Map

Stand # Stocking
 Density
 23
 (412)0 - A7
 Level 3 OI
 Level 4 Code
 Cover Type Code



- Legend**
- Miris Corners
 - + Remonumented Section Corners
 - Stand Boundaries
 - Proposed Special Conservation Areas
 - ▨ SCA - Special Conservation Area
 - ▩ SCA Removal
 - Dedicated Special Conservation Areas
 - Wildlife Management Areas
 - Forest Stands
 - Level 3
 - 411 - Northern Hardwood
 - 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 431 - Upland Mixed Forest
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
 - 613 - Lowland Mixed Forest
 - Non-Forest Stands
 - Level 3
 - 122 - Road/Parking Lot
 - 310 - Herbaceous Openland
 - 320 - Upland Shrub
 - 330 - Low-Density Trees
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland

