

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	A 6	A 3	8	83	10	90	68	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Final harvest 2" spec manage for aspen regeneration. Scattered low areas harvest on dry or frozen ground to prevent rutting on heavy soils. Apply retention along L type along Dishwash Creek and leaving scattered super canopy oak and white pine. Visual management should be considered, home directly adjacent to stand. A mix of aspen, maple and oak regeneration is expected.														
2	A 3	A 3	6	17	3	0	51	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Clearcut in 1991, heavy aspen regeneration.														
3	R 9	M 1	7	53	10	200	70	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Third row thinned 5/9/2000. Reduce BA/AC to 120 by individual tree marking.														
4	L 0	L 0	41		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Creekbottom area, no merchantable timber, fair amount of standing dead soft maple.														
5	R 6	X 0	21	53	9	150	58	red pine	immature	N		10-19 years	0	
comnts Fmd : Third row thinned 2004. Low branches, crooked steams, humuky ground. No treatment this YOE let stand self prun and fill in.														
6	A 3	A 3	30	4	1	0	70	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Final harvest 2004. Decent aspen regeneration. Small pockect of red pine in center of stand left un-cut.														
8	R 6	O 1	26	53	10	160	58	red pine	immature	N		10-19 years	0	
comnts Fmd : Third row thinned 2004. A little early to enter stand again. It dose appear that oak is trying to get established in understory. Red pine BA varies. This stand should be managed with stand 5 due to access.														
9	R 9	M 1	37	53	10	170	70	red pine	immature	N		10-19 years	0	
comnts Fmd : Every fourth row removed in 1984. Center row removed 5/9/2000. Every other row has now been cut. Decent quality red pine. South 1/2 of stand is developing a M2/M1-O1 understory.														
10	A 4	A 3	23	23	4	30	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Clearcut in 1985. In transition between well stocked A3 and A6.														
11	R 6	M 3	13	53	10	280	70	northern hardwood	immature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Thinned in 1985. Parts of stand were not thinned. Most of stand has a dense hardwood understory, red maple and aspen. This is really a hardwood site. Final harvest 2" spec and convert from red pine to a mixed hardwood site. The understory will take a beating during harvest operations and should be cut as opposed to being smashed and driven over. Apply retention along west end of stand along L type along Dishwash Creek. Harvest up to Arnold Lake Road and Kirby Ave. A mix of aspen, red maple and oak regeneration is expected.														
12	L 0	L 0	4		0	0	60	lowland brush	nonstocked	N		not scheduled	0	
13	R 9	M 1	18	53	10	170	70	red pine	immature	N		10-19 years	0	
comnts Fmd : Every fourth row removed in 1984. Center row removed 5/9/2000. Every other row has now been cut. Decent quality red pine. North end of stand is developing a M3/M2-O1 understory.														
14	A 3	A 3	8	17	3	0	64	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Clearcut in 1991. Coming back nice.														

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15	R 9	M 3	11	53	11	200	65	northern hardwood	immature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Third row thinned in 1985. Most of stand has a dense hardwood understory, red maple and aspen. This is really a hardwood site. Final harvest 2" spec and convert from red pine to a mixed hardwood site. The understory will take a beating during harvest operations and should be cut as opposed to being smashed and driven over. Apply retention at north east corner of stand. Harvest up to Arnold Lake Road. There are scattered low wet pockets within stand. A mix of aspen, red maple and oak regeneration is expected. Variable stand, patches of red pine and patches of hardwood all mixed together. Harvest entire area, do not try to paint out red pine patches.														
16	A 4	A 3	22	25	4	30	64	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Clearcut in 1985. Coming back very nice. In transition between well stocked A3 & A6.														
17	A 4	A 3	10	25	4	30	64	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Clear cut in 1983, Coming back nice. In transition between well stocked A3 & A6.														
19	L 0	L 0	8		0	0	64	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Tag alder.														
20	A 3	A 3	8	17	3	0	64	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Clearcut in 1991, coming back nice, some oak but not much.														
21	A 4	A 3	5	25	4	30	64	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Clearcut in 1983, coming back nice. Few patches of red maple and alder. In transition between well stocked A3 & A6.														
22	L 0	L 0	3		0	0	64	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Tag alder.														
23	A 3	E 1	2	14	3	0	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Clearcut in 1994.														
24	R 6	X 0	2	53	9	170	60	red pine	immature	N		20-29 years	0	
comnts Fmd : Access through PVT to north or east. Third row thinned in 2000.														
25	L 0	L 0	11		0	0	55	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Creek bottom area.														
26	R 6	X 0	25	53	10	140	70	red pine	immature	N		10-19 years	0	
comnts Fmd : Third row thinned in 1986. Thinned again in 2001. Hold this YOE.														
27	A 4	A 3	22	25	4	30	55	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Clear cut in 1983, coming back nice. In transition between well stocked A3 & A6.														
28	A 3	A 3	55	14	2	0	50	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Clearcut in 1994, coming back nice, some wet areas.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
29	L 0	L 0	7		0	0	50	lowland brush	nonstocked	N		not scheduled	0	
30	A 6	M 2	11	52	8	110	80	aspen (upland)	immature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Final harvest 2" spec manage for aspen regeneration. Stand is expected to regenerate to aspen with a mix of red maple and oak. Stand is mostly upland with a mix of scattered wet pockets. Apply retention along stand 29 (L type)														
31	R 9	M 2	15	53	12	180	70	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Third row thinned 1986. Thinned again in 2001. Red maple understory in places. Reduce residual BA/AC down to 120 sq. ft. by individual tree marking. Leave all scattered hardwood (red maple and aspen less than 10 BA/AC). If clearcut this stand would convert to a mixed hardwood stand, red maple and aspen.														
32	R 9	M 3	13	53	14	170	70	red pine	immature	N		10-19 years	0	
comnts Fmd : Every fourth row removed in 1984. Center row removed 5/9/2000. Every other row has now been cut. Decent quality red pine. Stand would convert to mixed hardwood if clearcut.														
33	A 4	A 3	33	25	4	30	60	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Clearcut 1983, excellent reproduction. In transition between well stocked A3 & A6.														
34	R 9	X 0	8	53	10	170	70	red pine	immature	N	thinning	within 0-9 years	1	
comnts Fmd : Third row thinned in 1985. Reduce residual red pine down to 120 sq. ft.														
35	L 0	L 0	3		0	0	48	lowland brush	nonstocked	N		not scheduled	0	
36	R 9	X 0	2	53	10	210	70	red pine	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage Scenic values/visual values														
comnts Fmd : Every fourth row removed in 1984. Center row removed 5/9/2000. Every other row has now been cut. Decent quality red pine. Small knoll of red pine surrounded by hardwood. No treatment; small stand, adds diversity, treat with surrounding stand.														
37	O 3	O 3	21	15	3	0	50	oak	immature	N		40-49 years	0	
comnts Fmd : Clearcut in 1993, converting to oak.														
38	R 6	X 0	1	53	9	170	60	red pine	immature	N		20-29 years	0	
comnts Fmd : Access through PVT to north or east. Third row thinned in 2000.														
39	R 9	O 3	52	72	12	90	65	red pine	immature	N		10-19 years	0	
comnts Fmd : Jack pine removed in 1993. Red pine thinned down to 90 sq. ft. in 2001. Decent oak regeneration as a result of the two thinnings. Stand will convert to oak when overstory red pine is removed. Hold 10 more years the oak seedlings need more time to develop under the red pine.														
40	R 6	O 1	29	61	8	80	50	red pine	immature	N		10-19 years	0	
comnts Fmd : Thinned in 2002. All jack pine and marked red pine removed. Smaller DBH and shorter red pine here than in surrounding stands. A understory of jack pine and oak is just starting to get established as a result of the 2002 harvest. Leave overstory in place to nurse understory along. Understory not fully established yet.														

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					D B H	Tot. BA								
41	J5	J3	43	40	6	60	54	jack pine	immature	N		10-19 years	0	
comnts Fmd : In transition between well stocked J3 and J6. Forest fire here in July 1966.														
42	R6	X0	1	53	10	200	70	red pine	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage														
comnts Fmd : Due to size and location of stand manage with adjacent stand 33.														
43	R8	O2	59	61	10	60	50	red pine	immature	N		10-19 years	0	
comnts Fmd : Thinned in 2002, all jack pine and marked red pine removed. Oak regeneration is just getting started from 2002 harvest. Parts of stand are ready to have overstory removed and parts are not. Overall red pine overstory is needed 10 more years to nurse O3 along. Red pine BA, size and O3 understory varies within this stand.														
44	R9	O1	14	72	16	150	61	red pine	immature	N		10-19 years	0	
comnts Fmd : Thinned in 2002, every 4th row and all jack pine removed. Big diameter red pine here. Lots of open crown space yet. Oak is trying to get established in understory.														
45	J3	O3	8	15	3	0	52	jack pine	immature	N		40-49 years	0	
comnts Fmd : Clearcut in 1993.														
46	R9	O3	6	61	12	130	70	oak	immature	N	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : All species except red pine removed in 1993. Heavy logging damage to residual red pine. Well established O3 understory 6' to 20' tall. Remove red pine overstory and convert to oak. Apply retention by leaving scattered red pine in all DBH classes.														
47	O3	O3	10	6	1	0	60	oak	immature	N		60-69 years	0	
comnts Fmd : Clearcut 2002. All white pine and red pine left, less than 10 sq. ft. Very nice oak regeneration has resulted from the harvest.														
48	A3	A3	4	14	3	0	48	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Clearcut in 1994.														
49	E5	E2	6	74	9	60	69	swamp hardwoods	two aged	N		10-19 years	0	
comnts Fmd : Very wet down over a steep bank.														
50	E3	E3	10	23	3	0	65	swamp hardwoods	immature	N		50-59 years	0	
comnts Fmd : Clearcut in 1984. Low wet stand regeneration is slow.														
51	J3	J3	5	5	1	0	55	jack pine	immature	N		50-59 years	0	
comnts Fmd : Clearcut in 2002. J3 natural regeneration.														
52	E3	E3	2	23	2	0	65	swamp hardwoods	immature	N		60-69 years	0	
comnts Fmd : Habitat cut in 1985, regeneration is slow.														
53	E6	E3	17	50	8	90	67	swamp hardwoods	immature	N		30-39 years	0	
comnts Fmd : Stand has naturally converted from lowland aspen to lowland hardwood. Very wet site.														

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					B	Tot. BA								
54	O3	O3	4	6	3	0	63	oak	immature	N		60-69 years	0	
comnts Fmd : Clearcut in 2002. Decent oak regeneration as a result of the harvest. Scattered oak and white pine residual.														
55	E5	E2	5	94	6	60	69	swamp hardwoods	two aged	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
56	E5	E1	15	82	8	60	50	swamp hardwoods	sparse	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Very wet soils. Semi open stand open/grassy patches within stand. Management options are limited. Poor quality timber.														
57	E5	E3	5	94	6	60	65	swamp hardwoods	two aged	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Very low wet site. Timber gets to be 6" to 8" DBH and dies off .														
58	A5	A3	2	40	5	40	70	aspen (upland)	immature	N		10-19 years	0	
59	R6	X0	13	53	8	200	50	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Stand has not yet been thinned. Remove a third of the volume by removing every third row. Access road off Stockwell Road is seasonally very wet. Apply retention be leaving all scattered mixed hardwood within the stand. (Scattered aspen and oak)														
60	E9	E2	94	110	15	100	67	swamp hardwoods	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Selective cut in 2003 on frozen ground. BA was reduced to 100 sq. ft. Reducing BA any lower now could result in wind throw. Hold and evaluate stand next YOE.														
61	A5	A3	24	39	5	50	50	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Clearcut in 1969. In transition between well stocked A3 and A6. Pockets of planted red pine within stand.														
62	R6	X0	54	53	8	200	60	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Stand has not yet been thinned. Remove a third of the volume by removing every third row. Apply retention be leaving all scattered mixed hardwood within the stand. (Scattered aspen and oak)														
63	E5	E3	4	94	6	60	65	swamp hardwoods	two aged	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Very low wet site. Timber gets to be 6" to 8" DBH and dies off .														
64	J3	J3	32	8	2	0	60	jack pine	immature	N		50-59 years	0	
comnts Fmd : Planted to jack pine in 2002. Some areas planted to red pine in 1992.														
65	E9	E1	17	17	90	70	swamp hardwoods	unevenaged	Y			not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet Water quality/bmps														
comnts Fmd : Stand is in the Muskegon River floodplain. Mature true E type. Mucky soils, seasonally stand has standing water.														

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					B	Tot. BA								
67	E 5	E 3	5		9	40	70	swamp hardwoods	unevenaged	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle Too wet</p> <p>comnts Fmd :</p>														
68	E 5	E 3	3		9	40	70	swamp hardwoods	unevenaged	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle Too wet</p> <p>comnts Fmd :</p>														
69	L 0	L 0	2			0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Oxbow.</p>														
70	O 3	O 3	9	6	3	0	55	oak	immature	N		50-59 years	0	
<p>comnts Fmd : Clearcut in 2002. Decent O3 regeneration as a result of the harvest. Several oak seed trees were left no measurable volume.</p>														
71	E 6	E 3	23	77	7	80	67	swamp hardwoods	immature	N		not scheduled	0	
<p>comnts Fmd : Very wet site.</p>														
72	Z 0	Z 0	27		0	0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Water table varies with Beaver activity.</p>														
73	A 5	A 2	33	43	5	50	60	aspen (upland)	immature	N		10-19 years	0	
<p>comnts Fmd : In transition between A3 and A6. Stand is sparse in areas. Could harvest now, lots of small diameter trees yet. Possibles selective clearcut in 1965</p>														
74	E 3	E 3	4	23	3	0	65	swamp hardwoods	immature	N		50-59 years	0	
<p>comnts Fmd : Clearcut in 1984.</p>														
75	E 9	E 2	39	114	18	80	78	swamp hardwoods	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)</p> <p>comnts Fmd : Shelterwood prep in 1993, selective cut in 2003 on frozen ground. BA was reduced to 80 sq. ft. Reducing BA any lower now could result in wind throw. Hold and evaluate stand next YOY.</p>														
76	R 3	R 3	17	22	4	0	60	red pine	immature	N		40-49 years	0	
<p>comnts Fmd : Pockets where sapplings are sparse.</p>														
77	L 0	L 0	4		0	0	60	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Old barrow pit from when M-61 was built.</p>														
78	E 3	E 3	4	23	3	0	65	swamp hardwoods	immature	N		50-59 years	0	
<p>comnts Fmd : Clearcut in 1984. Starting to fill in nicely. Stand was slow to regenerate.</p>														

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					B	Tot. BA	Site Indx							
79	R6	X0	52	61	7	140	55	red pine	immature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : Final harvest and replant to red pine. This is a intermixed plantaion of both red pine and jack pine. Strips of pure jack pine and strips of pure red pine. Red pine is out growing the jack pine by far. Apply retention by leaving buffer along creek.														
80	J6	O3	25	69	10	120	60	aspen (upland)	immature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Final harvest 2" spec and convert to aspen/oak stand. Stand is expected to regenerate to a mix of aspen, oak and red maple. Leave all red pine 10" DBH and up. Most of the red pine is located in a pocket at the south end of stand. Highly variable stand aspen, jack pine, red pine, red maple and mixed oak. Records of forest fire in the past most likley caused the variation in stand. Apply retention along west end of stand along stand 403 and leaving scattered red pine.														
81	A5	A3	26	23	4	40	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Clearcut in 1985. In transition between well stocked A3 and A6.														
82	E3	E3	7	23	3	0	65	swamp hardwoods	immature	N		50-59 years	0	
comnts Fmd : Clearcut in 1984. Low wet stand.														
83	E9	E2	14	110	15	80	67	swamp hardwoods	mature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Selective cut in 2003 on frozen ground. I would not take BA any lower at this time due to possible wind throw. This is a very wet sensitive site. Some regeneration is starting to get established as a result of the harvest.														
84	R9	A3	23	61	10	100	65	aspen (upland)	immature	N	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Final harvest 2" spec and convert to aspen/oak stand. Stand is expected to regenerate to a mix of aspen, oak and red maple. Highly variable stand aspen, jack pine, red pine, red maple and mixed oak. Aspen is in strips and these strips are seasonally wet, harvest on dry and/or frozen ground. Apply retention along north end of stand along creek and camp site. Protect campsite from any logging activity.														
85	J5	J3	9	40	5	50	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Records of fire in late 1960's.														
86	R9	O1	22	61	9	140	50	oak	immature	N	selection	within 0-9 years	1	natural regeneration
comnts Fmd : Harvest all jack pine and aspen. Mark to remove red pine in dense red pine areas down to 60 to 70 BA. This is a mixed stand red pine, jack pine, scattered aspen and oak. Red pine density varies. Converting to a oak stand. The residual red pine will act as a nurse crop for oak regeneration. Apply retention at north end of stand along creek.														
87	A4	A3	10	39	5	30	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Clearcut in 1969. In transition between well stocked A3 and A6.														
88	R9	O1	6	61	10	130	60	red pine	immature	N		10-19 years	0	
comnts Fmd :														
89	R9	O1	19	61	10	140	60	red pine	immature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : Final harvest 2" spec and replant red pine. All jack pine removed in 1992. Apply retention along natural buffer (drop off) at south end of stand along creek.														
90	R6	J1	64	61	9	80	60	red pine	immature	N		10-19 years	0	
comnts Fmd : All jack pine and marked red pine removed in 2002. Hold. Not much happening in understory and crowns are open. Red pine density varies.														

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					D B	Tot. BA								
91	O 6	O 1	6	73	9	70	50	oak	immature	N		10-19 years	0	
comnts Fmd : Upland site with access problems.														
92	E 6	E 2	19		10	90	70	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : In the Muskegon River Floodplain. Very wet soils.														
93	E 9	E 1	30		17	90	70	swamp hardwoods	unevenaged	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
Water quality/bmps														
comnts Fmd : Stand is in the Muskegon River floodplain. Mature true E type. Mucky soils, seasonally stand has standing water.														
94	E 9	E 1	18		15	90	70	swamp hardwoods	unevenaged	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
Blocked by other physical obstacle														
comnts Fmd : Stand is in the Muskegon River floodplain. Mature true E type. Mucky soils, seasonally stand has standing water.														
95	O 6	O 1	33	78	10	110	48	oak	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Final harvest 2" spec manage for oak regeneration. Leave all scattered red pine and white pine, very little red pine and white pine within stand. May need to interplant red pine to maintain full stocking. Apply retention along east end of stand along drop off down to the floodplain.														
96	E 6	E 2	73		9	80	70	swamp hardwoods	unevenaged	N		not scheduled	0	
comnts Fmd : Stand is in the Muskegon River floodplain. Mucky soils, seasonally stand has standing water.														
97	J 3	O 3	198	6	3	0	55	jack pine	immature	N		40-49 years	0	
comnts Fmd : All oak and jack pine removed in 1992. Overstory red pine removed in 2002. This two stage shelterwood system has resulted in a excellent mix of natural regeneration.														
98	O 3	O 3	36	6	3	0	52	oak	immature	N		50-59 years	0	
comnts Fmd : All but red pine removed in 2002. Red pine is concentrated in two pockets. Within the pockets the red pine BA is 30 sq. ft. and out side the pockets there is no red pine.														
99	E 9	E 2	10		15	90	70	swamp hardwoods	unevenaged	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
Too wet														
comnts Fmd : Stand is in the Muskegon River floodplain. Mucky soils, seasonally stand has standing water. Access problems.														
100	R 3	R 3	6	22	4	0	60	red pine	immature	N		40-49 years	0	
comnts Fmd :														
101	E 5	E 3	15		9	40	70	swamp hardwoods	unevenaged	N		not scheduled	0	
comnts Fmd : Stand is in the Muskegon River floodplain. Mucky soils, seasonally stand has standing water.														
102	E 5	E 3	16		10	60	70	swamp hardwoods	unevenaged	N		not scheduled	0	
comnts Fmd : Stand is in the Muskegon River floodplain. Mucky soils, seasonally stand has standing water. Component of big white pine within this stand.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
103	E 8	E 2	17		15	60	70	swamp hardwoods	unevenaged	N		not scheduled	0	
comnts Fmd : Stand is in the Muskegon River floodplain. Mucky soils, seasonally stand has standing water.														
104	Z 0	Z 0	11		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Oxbow.														
105	R 6	O 1	85	70	9	140	50	red pine	immature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : Final harvest 2" spec and replant red pine. Mixed planting of red pine and jack pine northern pin oak mixed in as well. Red pine out performing all other species. Planted in 1938. This stand was split from the timber north of Stocwell Road. Apply retention by leaving uncut islands.														
106	O 3	O 3	9	6	2	0	60	oak	immature	N		60-69 years	0	
comnts Fmd : Clearcut in 2002. Mix of natural regeneration. 03/02-J1-A1. This was a R6 stand before harvest.														
107	A 6	A 1	31	46	6	70	65	aspen (upland)	immature	N	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Final harvest 2" spec manage for aspen regeneration. Stand is expected to regenerate to aspen. Scattered low wet areas within stand. Adjacent stand 108 (L type) meanders all around this stand. Apply retention around stand 108.														
108	L 0	L 0	12		0	0	50	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Clearcut in 1969. In transition between well stocked A3 and A6.														
109	A 4	A 3	45	39	5	30	55	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Clearcut in 1969. In transition between well stocked A3 and A6. Beaver activity down along river.														
110	A 4	A 3	4	39	5	30	50	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Clearcut in 1969. In transition between well stocked A3 and A6. Beaver activity down along river.														
111	R 6	O 1	160	59	8	120	50	red pine	immature	N		10-19 years	0	
comnts Fmd : Mixed planting of red pine and jack pine northern pin oak mixed in as well. Red pine out performing all other species. Planted in 1949. This stand was split from the timber south of Stocwell Road. Hold for this YOE.														
114	E 9	E 2	50		15	90	70	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand is in the Muskegon River floodplain. Mature true E type. Mucky soils, seasonally stand has standing water. Island, totally surrounded by water. Stand has been nominated as a Ecological Research Area (ERA) as part of the Muskegon River Green Creek Floodplain Forest North. A plan for this ERA is currently being written.														
115	O 3	O 3	26	5	1	0	50	oak	immature	N		60-69 years	0	
comnts Fmd : Clearcut in 2002. Scattered oak and red pine were left.														
116	E 3	X 0	4	14	3	0	69	swamp hardwoods	immature	N		50-59 years	0	
comnts Fmd : All trees 6" DBH and up were removed in 1994. Most of the trees that were left are now dead. Very low wet stand.														
117	E 3	E 3	5	14	3	0	69	swamp hardwoods	immature	N		50-59 years	0	
comnts Fmd : All trees 6" DBH and up were removed in 1994. Most of the trees that were left are now dead. Very low wet stand.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
118	E 3	E 3	6	14	2	0	69	swamp hardwoods	immature	N		50-59 years	0	
comnts Fmd : All trees 6" DBH and up were removed in 1994. Most of the trees that were left are now dead. Very low wet stand. This stand was very slow to regenerate.														
119	E 2	E 2	6	14	3	0	69	swamp hardwoods	immature	N		50-59 years	0	
comnts Fmd : All trees 6" DBH and up were removed in 1994. Most of the trees that were left are now dead. Very low wet stand. This stand was slow to regenerate.														
120	Z 0	Z 0	2			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well site.														
400	G 0	G 0	1			0	60	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well site.														
401	G 0	G 0	37			0	60	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Some Autumn Olive here. Scattered aspen clones.														
402	G 0	G 0	1			0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd :														
403	G 0	G 0	42			0	60	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Scattered aspen clones. The southern arm is filling in with jack pine and aspen.														
404	G 0	G 0	1			0	60	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well site.														
405	G 0	G 0	11			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Old barrow pit from when M-61 was built. Was trenched and planted at one time. Whatever was planted has failed. Sweet fern is present.														
406	G 0	G 0	18			0	54	grass	nonstocked	N		not scheduled	0	
comnts Fmd :														
407	G 0	G 0	12	23		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Clearcut 1984 void of any regeneration.														
408	G 0	G 0	1			0	60	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well site.														
409	G 0	G 0	11			0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd :														
410	G 0	G 0	1			0	60	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Consumers Energy gas well site.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
411	G 0	G 0	3			0	60	grass	nonstocked	N		not scheduled	0	
comnts Fmd :														
412	G 0	G 0	1			0	70	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Active oil well site. State # 1-6. Dart Oil and Gas														
413	G 0	G 0	9	23		0	65	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Clearcut in 1985. Not coming back well.														
414	G 0	G 0	2			0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd :														
416	G 0	G 0	3			0	60	grass	nonstocked	N		not scheduled	0	
comnts Fmd :														
418	G 0	G 0	19			0	60	grass	nonstocked	N		not scheduled	0	

Total Acres..... 2628