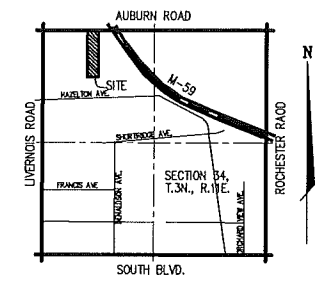
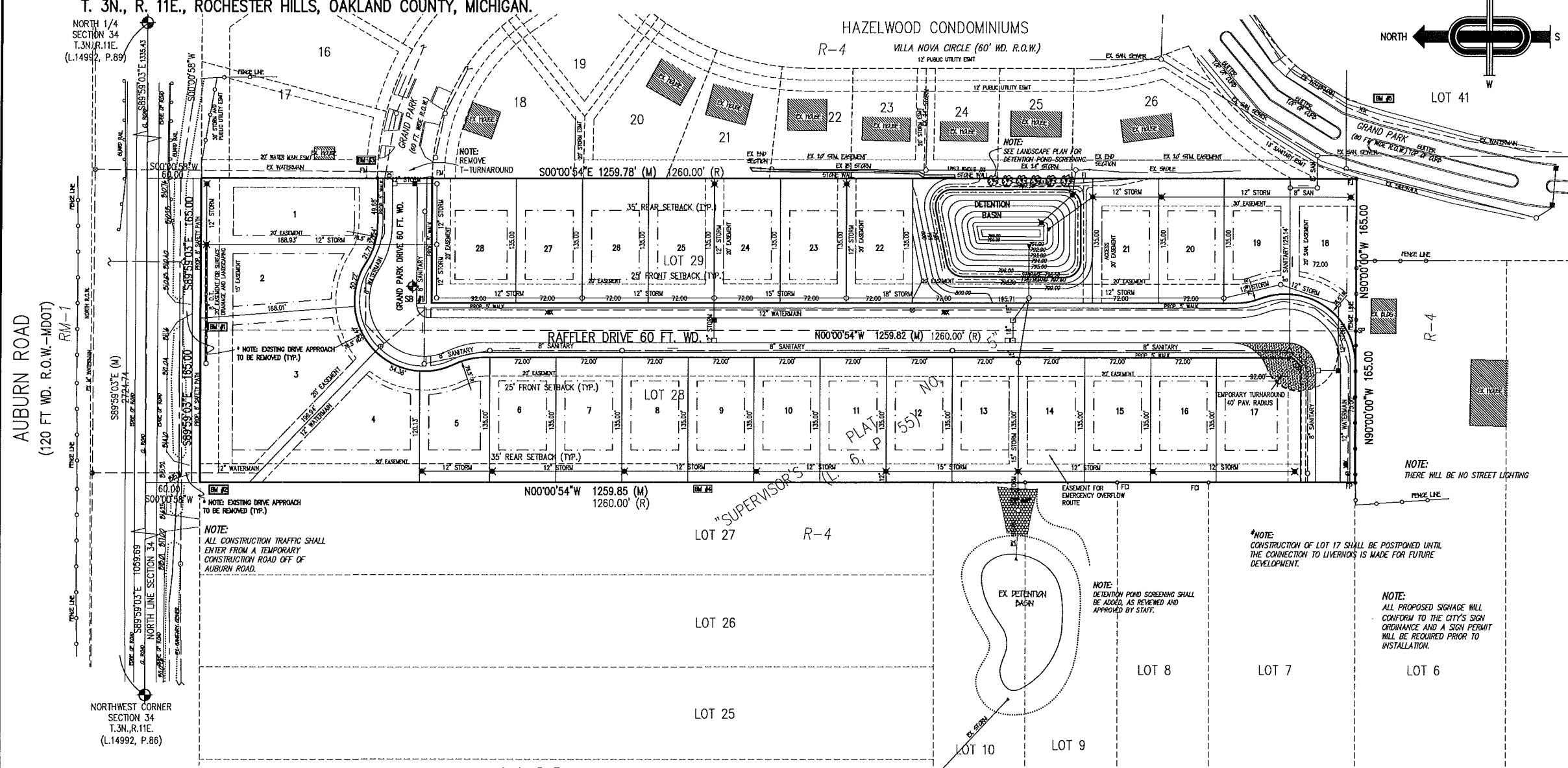


"PINE WOODS CONDOMINIUMS"

PART OF THE N.W. 1/4 OF SECTION 34,
T. 3N., R. 11E., ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN.

NOTES:

1. THE APPLICANT MUST OBTAIN A LAND IMPROVEMENT PERMIT AND ANY OUTSTANDING PERMITS AND EASEMENTS PRIOR TO GRADING AND CONSTRUCTION COMMENCING.
2. PLACE DETECTIBLE WARNINGS AT SIDEWALK RAMPS LOCATED IN THE ROAD RIGHT-OF-WAYS PRIOR TO OBTAINING BUILDING PERMITS.
3. EXHIBIT B MUST BE REVIEWED AND APPROVED BY ENGINEERING SERVICES STAFF, PRIOR TO ISSUANCE OF A LAND IMPROVEMENT PERMIT.



28 TOTAL UNITS

NOTES:

1. THIS SITE CONDOMINIUM IS ZONED R-4 SINGLE FAMILY RESIDENTIAL DISTRICT.
2. LAYOUT AND DIMENSIONS ARE TENTATIVE AND SUBJECT TO MODIFICATION UPON CALCULATION OF THE CONDOPLAT.
3. A 10 FT. (MINIMUM) EASEMENT IS AT THE FRONT OF EACH UNIT FOR PUBLIC UTILITIES UNLESS OTHERWISE NOTED.
4. ALL UNITS WILL BE SERVED WITH PUBLIC SANITARY SEWER AND WATER MAIN.
5. ALL SANITARY SEWERS, SERVICES AND RELATED ITEMS MUST BE DESIGNATED IN ACCORDANCE WITH THE CITY OF ROCHESTER HILLS ENGINEERING DESIGN STANDARDS.
6. ALL STORM SEWER AND RELATED ITEMS MUST BE DESIGNED IN ACCORDANCE WITH THE CITY OF ROCHESTER HILLS ENGINEERING DESIGN STANDARDS.
7. ALL STORM WATER BASIN MUST BE DESIGNED IN ACCORDANCE WITH CITY OF ROCHESTER HILLS ENGINEERING DESIGN STANDARDS.
8. ALL INTERIOR STREETS WILL BE PAVED WITH CONCRETE. PAVEMENT TO BE 27 FT. WD. (BACK TO BACK).
9. THE DEVELOPER SHALL COMPLY WITH APPLICABLE CODES AND ORDINANCES OF THE CITY OF ROCHESTER HILLS, OAKLAND COUNTY AND THE STATE OF MICHIGAN.
10. --- INDICATES PROPOSED DRAINAGE PATTERN.
11. EXISTING GRADES VARY OVER THE EXISTING SITE. PROPOSED STREET GRADING WILL CONFORM TO THE REQUIREMENTS OF THE CITY OF ROCHESTER HILLS.
12. ELECTRICAL AND GAS LINES WILL BE IN THE STREET RIGHT-OF-WAY OR FRONT YARD EASEMENTS.
13. ALL INTERIOR WATER MAIN TO BE 8" DIAMETER (MINIMUM).
14. ALL WATER MAIN AND APPURTENANCES MUST BE DESIGNED IN ACCORDANCE WITH CITY OF ROCHESTER HILLS ENGINEERING DESIGN STANDARDS.
15. SOIL TYPES FOR THIS SITE ARE MARLETTE SANDY LOAM AND FOX SANDY LOAM ACCORDING TO INFORMATION MADE AVAILABLE BY THE UNITED STATES DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE. (WELL-SUITED FOR BUILDING DEVELOPMENT)
16. TOPOGRAPHIC INFORMATION TAKEN FROM SURVEY BY MGS ASSOCIATES, INC.
17. SITE WORK BEFORE AND DURING CONSTRUCTION SHALL COMPLY WITH NFPA-241.
18. SIDEWALKS ARE REQUIRED THROUGHOUT THE SITE CONDOMINIUM AND WILL BE INDICATED ON THE ENGINEERING PLANS.
19. EASEMENTS FOR ALL UTILITIES WILL BE PROVIDED AS REQUIRED.
20. ALL SITE CONDOMINIUM SIGNS REQUIRE PERMITS.
21. FIRE LANES SHALL BE DESIGNATED BY THE FIRE CODE OFFICIAL, AND SHALL BE CONSPICUOUSLY POSTED ON BOTH SIDES OF THE FIRE LANE, WITH FIRE LANE SIGNS SPACED NOT MORE THAN 100 FT. APART, AND IN CONFORMANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
22. CONSTRUCTION SITES SHALL BE SAFEGUARDED IN ACCORDANCE WITH UNIFORM FIRE CODE ARTICLE 87.
23. OPEN BURNING IS NOT PERMITTED INCLUDING THE BURNING OF TRASH, DEBRIS OR LAND CLEARING MATERIALS.
24. ALL PROPOSED GRADES WILL MATCH EXISTING ELEVATIONS AT THE PROPERTY LINE.
25. SINGLE PHASE CONSTRUCTION.
26. ALL WORK IN THE AUBURN ROAD RIGHT-OF-WAY REQUIRE PERMIT.

LEGEND:

- SHEET 1 FINAL SITE PLAN
- SHEET 2 FINAL SITE DESIGN
- SHEET 3 OVERFLOW DRAINAGE
- SHEET 4 TOPOGRAPHIC SURVEY
- SHEET 5 AUBURN ROAD SURVEY
- SHEET 6 TREE SURVEY PLAN
- SHEET 7 TREE PRESERVATION PLAN
- SHEET L1 LANDSCAPE PLAN
- SHEET L2 LANDSCAPE PLAN

PROPRIETOR:
L & R HOMES INC.
2450 WALTON BOULEVARD
SUITE 203
ROCHESTER HILLS, MICHIGAN, 48309
TELEPHONE (248) 373-5983

AUTHORIZED REPRESENTATIVES
LORENZO RANDAZZO
VITO RANDAZZO

PREPARED BY:
JOHN C. WRIGHT, P.E.
PROFESSIONAL ENGINEER NO. 51423
44444 MOUND ROAD
SUITE 100
STERLING HEIGHTS, MICHIGAN 48314
TELEPHONE (586) 726-6310

NOTE:
NOT TO BE USED AS CONSTRUCTION DRAWINGS.

8-08-18 Reuse Detention Basin. Submit For Approval Extension
28-10 Added notes per Planning Commission

J ASSOCIATES, INC.
Civil Engineering and Surveying

44444 Mound Road, Suite 100
Sterling Heights, Michigan 48314
Telephone (586) 726-6310
Fax (586) 726-0042

FORMERLY
MGS ASSOCIATES, INC.

PINE WOODS CONDOMINIUMS
PART OF NORTHWEST 1/4 OF SECTION 34, T. 3N., R. 11E., ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

DATE 05-17-07 SCALE 1"=60'
DRAWN BY CLS SHEET 1 OF 7
CHECKED BY JCW DRAWING PS-07-825

FINAL SITE PLAN

ZONING REQUIREMENTS

ZONE	R-4
MINIMUM CORNER UNIT WIDTH	92 FT
MINIMUM UNIT WIDTH	72 FT
MINIMUM UNIT AREA	8,640 SQ FT
MINIMUM SIDE YARD	10 FT
MINIMUM TOTAL SIDE YARD	20 FT
MINIMUM REAR YARD	35 FT
MINIMUM FRONT YARD	25 FT
(UNIT AVERAGE CONCEPT USED)	
NET DENSITY	28 UNITS/9.544 ACRES = 2.93 UNITS/ACRE < 3.4 UNITS/ACRES (ORDINANCE 20.01a.1)

UNIT AREAS

UNIT	UNIT WIDTH (FT.)	AREA (SQ. FT.)
1	72.18	13,818
2	72.00	12,860
3	72.00	24,822
4	72.00	15,898
5	76.64	9,784
6	72.00	9,720
7	72.00	9,720
8	72.00	9,720
9	72.00	9,720
10	72.00	9,720
11	72.00	9,720
12	72.00	9,720
13	72.00	9,720
14	72.00	9,720
15	72.00	9,720
16	72.00	9,720
17	92.00	12,379
18	79.93	10,258
19	72.00	9,403
20	72.00	9,720
21	72.00	9,720
22	72.00	9,720
23	72.00	9,720
24	72.00	9,720
25	72.00	9,720
26	72.00	9,720
27	72.00	9,720
28	92.00	12,381
UNIT AVERAGE	10,939	

LEGAL DESCRIPTION: Lot 28

Part of the NW 1/4 of Section 34, T. 3N., R. 11E., Rochester Hills, Oakland County, Michigan, being more particularly described as follows:
Lot 28 of "Supervisor's Plat No. 5," as recorded in Liber 6, of Plots, Page 55, Oakland County Records.

Subject to the rights of the public and any governmental unit in any part of land taken thereof, used or deeded for street, road or highway purposes.

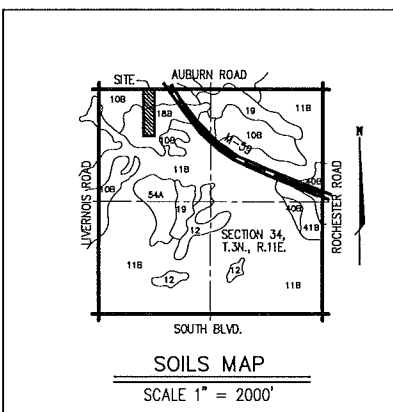
LEGAL DESCRIPTION: Lot 29

Part of the NW 1/4 of Section 34, T. 3N., R. 11E., Rochester Hills, Oakland County, Michigan, being more particularly described as follows:
Lot 29 of "Supervisor's Plat No. 5," as recorded in Liber 6, of Plots, Page 55, Oakland County Records.

Subject to the rights of the public and any governmental unit in any part of land taken thereof, used or deeded for street, road or highway purposes.

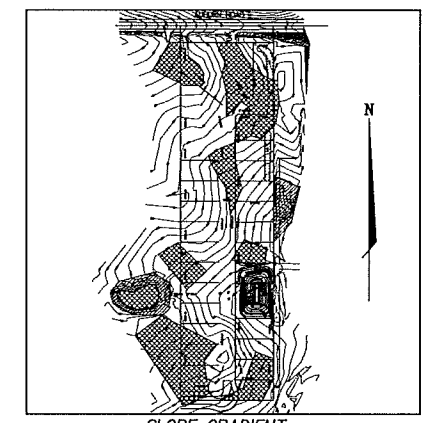
BENCHMARK DESCRIPTIONS

1. PK AND WASHER NORTH FACE OF UTILITY POLE. LOCATED APPROXIMATELY AT THE MIDDLE OF NORTH PROPERTY LINE @ HOUSE #713. ELEV. 811.64
2. UTILITY POLE LOCATED AT NORTHWEST CORNER OF PROPERTY @ HOUSE #745. ELEV. 818.73
3. ARROW TOP HYDRANT LOCATED THE END OF GRAND PARK DRIVE. ELEV. 810.18
4. MAG EAST FACE ON 19 IN OAK. LOCATED ±600 FT. FROM CENTERLINE OF AUBURN ROAD ON WEST PROPERTY LINE. ELEV. 810.96
5. ARROW TOP HYDRANT LOCATED APPROXIMATELY ±75 FT. FROM SOUTHEAST CORNER OF PROPERTY. EAST SIDE OF GRAND PARK BLVD. ELEV. 798.34



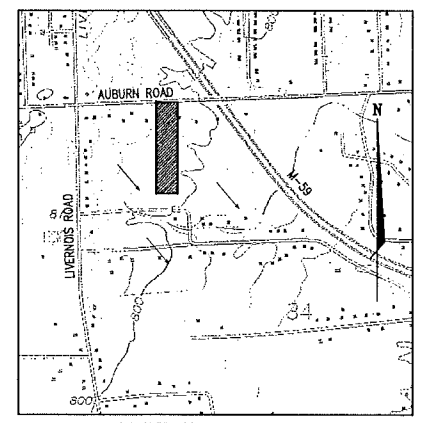
Soil Survey Legend

- 108 - Marlette sandy loam, 1 to 6 percent slopes
- 118 - Capoc sandy loam, 0 to 4 percent slopes
- 12 - Brookston and Cold loams
- 168 - Fair sandy loam, 1 to 6 percent slopes
- 189 - Sebawa loam
- 408 - Udarthritis loamy undulating
- 418 - Aquatics sandy and loamy undulating
- 544 - Waltham sandy loam, 0 to 3 percent slopes



LEGEND: SLOPES BASED ON ONSITE TOPOGRAPHY

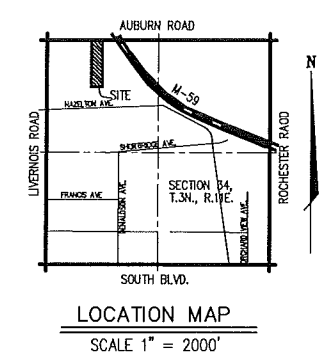
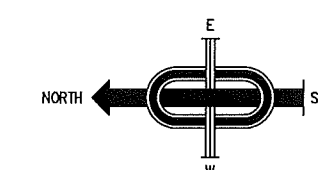
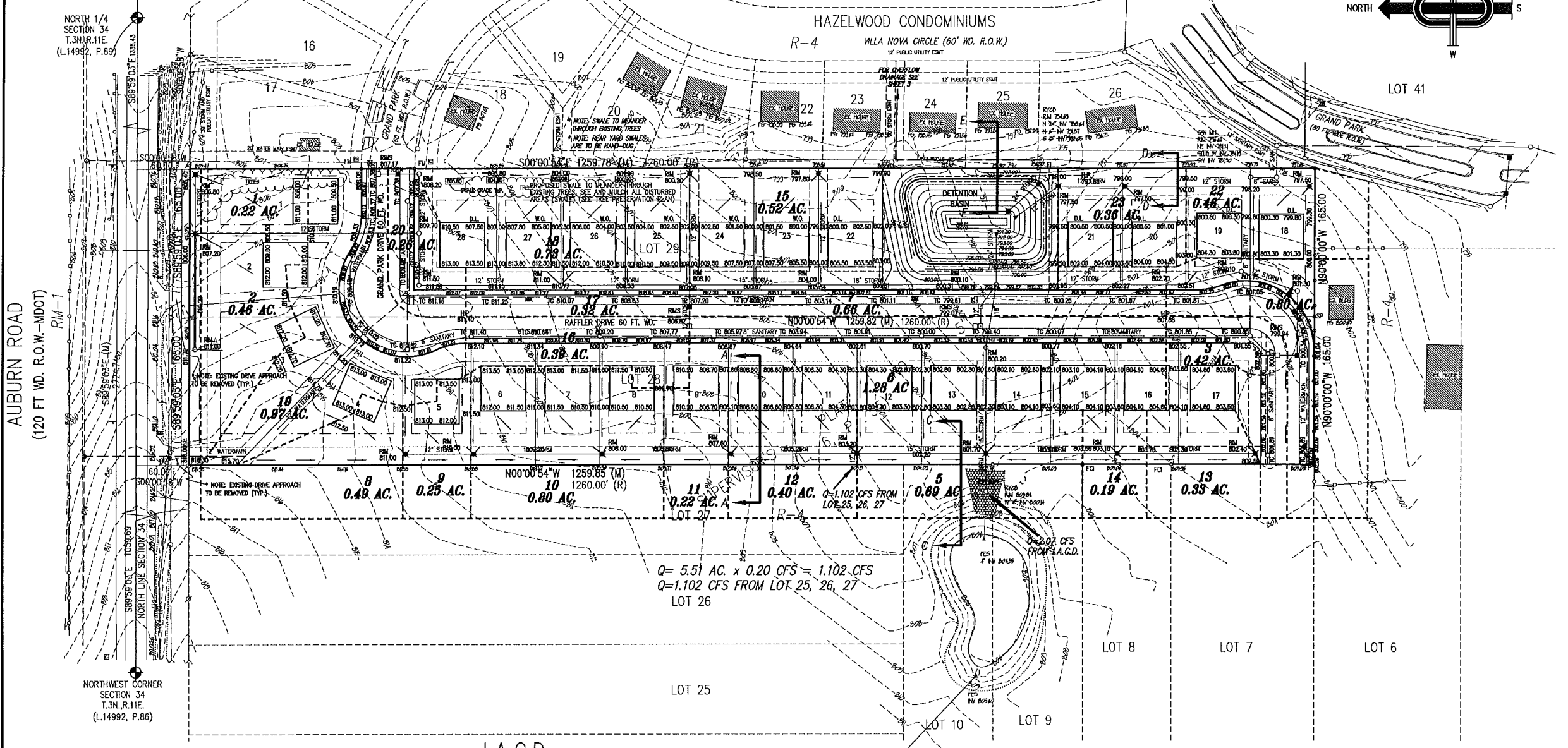
- EXISTING SLOPES LESS THAN 2%
- EXISTING SLOPES 2% - 4%
- EXISTING SLOPES GREATER THAN 4%



CITY FILE #05-005

"PINE WOODS CONDOMINIUMS"

PART OF THE N.W. 1/4 OF SECTION 34,
T. 3N., R. 11E., ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN.



DETENTION CALCULATIONS
REQUIRED STORAGE PER O.C.D.C. STANDARDS: (25 YEAR STORM)

DEVELOPED AREA: 9.544 Ac. C = 0.40
EQUIVALENT AREA: (9.544 Ac.)X(0.40) = 3.817 Ac.

$Q_0 = (9.544 \text{ Ac.}) \times (0.20 \text{ CFS/Ac.}) = 1.908 \text{ CFS}$
 $Q_0 = (1.908 \text{ CFS}) / (3.817 \text{ Ac.}) = 0.50$
 $T = 25 + [8.0825 / (0.50)^2] \times 0.5 = 101.98 \text{ MIN}$
 $V_s = 12.900(101.98 \text{ MIN}) - 40(0.50)(101.98 \text{ MIN}) = 8,320.63 \text{ CF}$
 $V_t = (8,320.63 \text{ CF}) / (3.817 \text{ Ac.}) = 31,760 \text{ CF}$

ACTUAL POND SIZE
VOLUME = $H/2(A_1 + A_2) + (A_1 A_2 H) / 6$
 A_1 = AREA AT TOP SURFACE
 A_2 = AREA AT BOTTOM SURFACE
 H = HEIGHT

ELEVATION	AREA	VOLUME
791.00	1,839	2468
792.00	1,155	3901
793.00	4,657	5650
794.00	6,660	7760
795.00	8,914	10,169
796.00	11,460	12,841
796.50	12,841	

Storage Elev 791.00 to 796.50 = 36,018 cf.

STORAGE REQUIRED = 31,760 CF

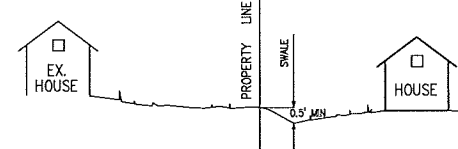
RESTRICTED OUTLET CALCULATIONS:
 Q_0 = ASSUME 1.908 CFS
 ASSUME A 5" GRIFICE
 $A = 0.136 \text{ SF}$
 $C = 0.62$
 $H = 4.50 \text{ FT}$
 $Q = (0.136 \text{ SF}) \times (0.62) \times [2(32.2) \times (4.50 \text{ FT})]^{0.5}$
 $= 1.44 \text{ CFS}$

NOTE:
SEE JI ASSOCIATES, INC.
DRAWING NO. P-06-719 FOR
ENGINEERING PLANS.

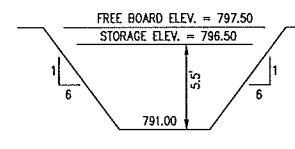
NOTE:
NOT TO BE USED AS CONSTRUCTION DRAWINGS.

ALL PROPOSED GRADES WILL MATCH EX. ELEV. AT PROPERTY LINE WHERE GRADING ESMTS. ARE NOT OBTAINED.

PROTECTIVE SWALE TO BE BUILT TO CARRY DRAINAGE LATERALLY IN THE DIRECTION OF DRAINAGE, TO THE CATCH BASINS.



DETAIL REAR YARD SWALE SECTION A-A



DETENTION BASIN NOT TO SCALE

- NOTE:
- RESTRICTED FLOW FROM THE DETENTION BASIN AND OVERFLOW DRAINAGE FROM ONSITE DRAINAGE AREAS HAS BEEN SIZED AND WILL BE CONTAINED IN THE EXISTING STORM SEWER SYSTEM IN HAZEL WOODS CONDOMINIUM.
 - THE DEVELOPER IS AWARE OF THE SOIL BORINGS. THIS INFORMATION WILL BE FORWARDED TO THE CITY AT THE TIME OF CONSTRUCTION PLAN SUBMITTAL.
 - SINCE STORAGE DEPTH EXCEEDS 4 FT., WRITTEN APPROVAL WILL BE REQUIRED FROM CITY ENGINEER.
 - PROPOSED PRIVATE UTILITIES ON THE SITE, INCLUDING GAS, ELECTRIC, TELEPHONE, CABLE, ETC. WILL BE PROVIDED WHEN CONSTRUCTION PLANS ARE SUBMITTED.
 - DETENTION BASIN SHALL INCORPORATE SEDIMENT AND NUTRIENT RUNOFF TRAPPING USING BEST AVAILABLE TECHNOLOGY METHODS.
 - ADDITIONAL TEMPORARY PAVEMENT MAY NEED TO BE REMOVED WHEN THE FUTURE ROAD IS CONNECTED SO THAT THE TYPICAL JOINTING PATTERN FOR CONCRETE ROADS ARE PROVIDED.

LEGEND

SANITARY SEWER	—
STORM SEWER	—
WATER MAIN	—
MANHOLE w/ R.Y.C.B. COVER	○
STANDARD MANHOLE	□
3' DIA. R.Y.C.B.	○
2' DIA. R.Y.C.B.	□
MANHOLE w/ PAVT. C.B. COVER - 2' SUMP	○
STD. PAVT. CATCH BASIN - 2' SUMP	□
STD. PAVT. INLET - 2' SUMP	○
GATE VALVE IN WELL	○
EXISTING HYDRANT	○
PROPOSED HYDRANT	○

J ASSOCIATES, INC.
Civil Engineering and Surveying

44444 Mound Road, Suite 100
Sterling Heights, Michigan 48314
Telephone (586) 726-6310
Fax (586) 726-0042

FORMERLY MCS ASSOCIATES, INC.

PINE WOODS CONDOMINIUMS
PART OF NORTHWEST 1/4 OF SECTION 34, T. 3N., R. 11E., ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

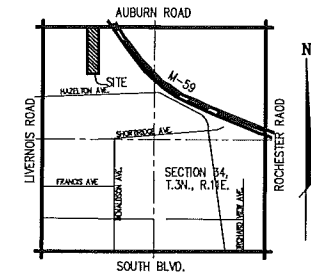
DATE 05-17-07 SCALE 1"=60'
DRAWN BY CLS SHEET 2 OF 7
CHECKED BY JCW DRAWING PS-07-825

UTILITY/GRADING PLAN

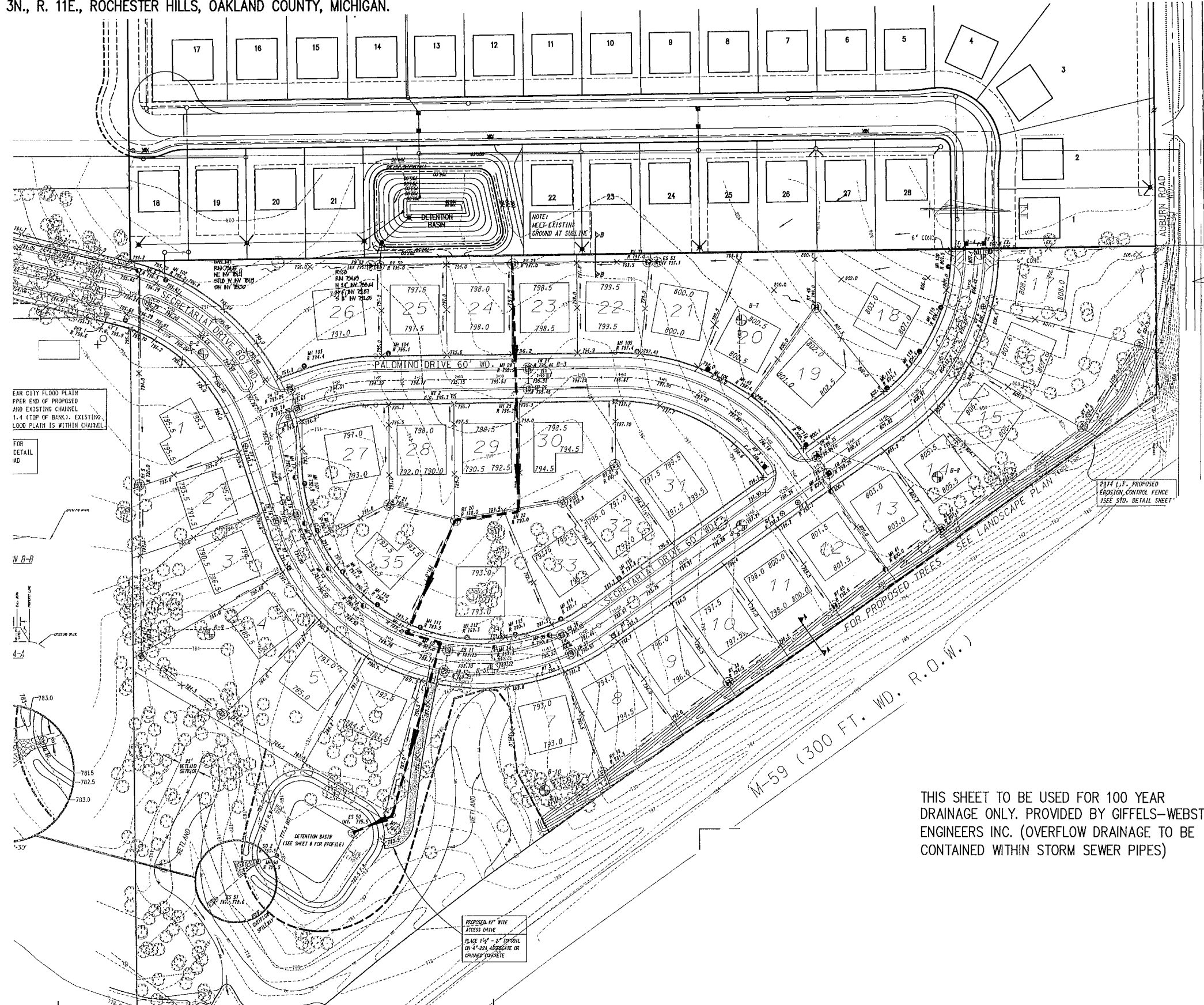
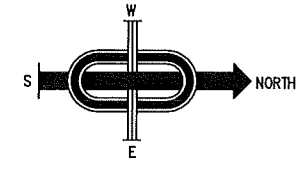
CITY FILE #05-005

"PINE WOODS CONDOMINIUMS"

PART OF THE N.W. 1/4 OF SECTION 34,
T. 3N., R. 11E., ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN.



LOCATION MAP
SCALE 1" = 2000'



EAR CITY FLOOD PLAIN
PPER END OF PROPOSED
AND EXISTING CHANNEL
1.4 (TOP OF BANK). EXISTING
LOOD PLAIN IS WITHIN CHANNEL
FOR
DETAIL
WD

FOR PROPOSED
EROSION CONTROL FENCE
SEE STD. DETAIL SHEET

PROPOSED 14" WINK
ACCESS DRIVE
PLACE 1 1/2" - 3" TOPSOIL
ON 4" 20# AGGREGATE OR
CRACKED CONCRETE

THIS SHEET TO BE USED FOR 100 YEAR
DRAINAGE ONLY. PROVIDED BY GIFFELS-WEBSTER
ENGINEERS INC. (OVERFLOW DRAINAGE TO BE
CONTAINED WITHIN STORM SEWER PIPES)

NOTE:
NOT TO BE USED AS CONSTRUCTION DRAWINGS.

JF ASSOCIATES, INC.
Civil Engineering and Surveying

44444 Mound Road, Suite 100
Sterling Heights, Michigan 48314
Telephone (566) 726-6310
Fax (566) 726-0042

FORMERLY
MCS
ASSOCIATES, INC.

PINE WOODS
CONDOMINIUMS
PART OF NORTHWEST 1/4 OF
SECTION 34, T. 3N., R. 11E.,
ROCHESTER HILLS,
OAKLAND COUNTY, MICHIGAN

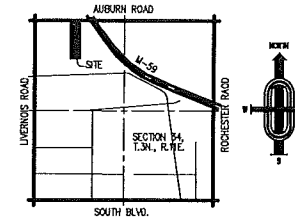
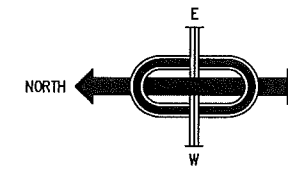
DATE 05-17-07	SCALE 1"=60'
DRAWN BY CLS	SHEET 3 OF 7
CHECKED BY JCW	DRAWING PS-07-825

CITY FILE #05-005

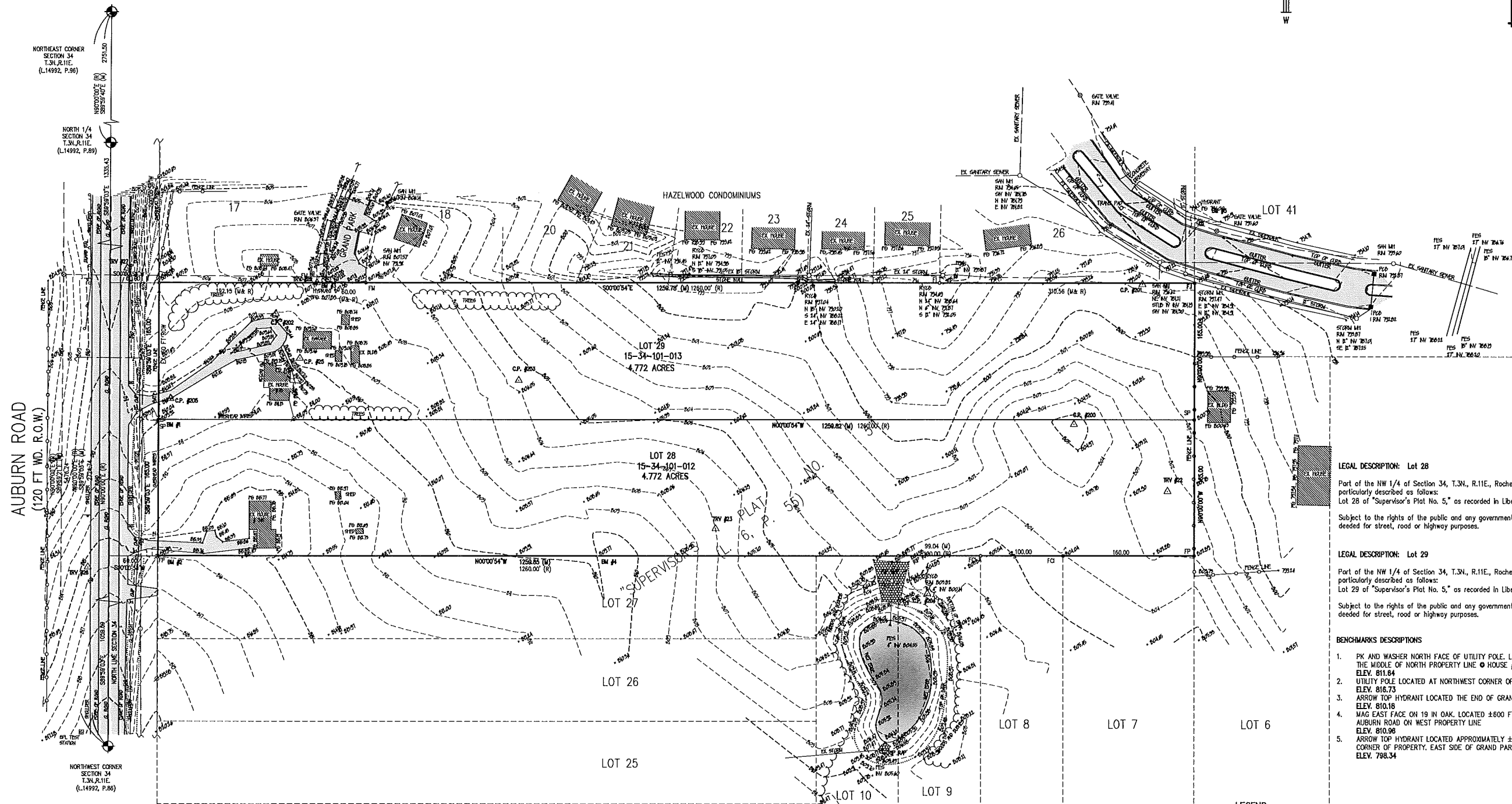
OVERFLOW DRAINAGE MAP

"PINE WOODS CONDOMINIUMS"

PART OF THE Northwest 1/4 OF SECTION 34,
T.3N.,R.11E., ROCHESTER HILLS TOWNSHIP, OAKLAND COUNTY, MICHIGAN.



LOCATION MAP
NOT TO SCALE



LEGAL DESCRIPTION: Lot 28
Part of the NW 1/4 of Section 34, T.3N., R.11E., Rochester Hills, Oakland County, Michigan, being more particularly described as follows:
Lot 28 of "Supervisor's Plat No. 5," as recorded in Liber 6, of Plats, Page 55, Oakland County Records.
Subject to the rights of the public and any governmental unit in any part of land taken thereof, used or deeded for street, road or highway purposes.

LEGAL DESCRIPTION: Lot 29
Part of the NW 1/4 of Section 34, T.3N., R.11E., Rochester Hills, Oakland County, Michigan, being more particularly described as follows:
Lot 29 of "Supervisor's Plat No. 5," as recorded in Liber 6, of Plats, Page 55, Oakland County Records.
Subject to the rights of the public and any governmental unit in any part of land taken thereof, used or deeded for street, road or highway purposes.

- BENCHMARKS DESCRIPTIONS**
- PK AND WASHER NORTH FACE OF UTILITY POLE. LOCATED APPROXIMATELY AT THE MIDDLE OF NORTH PROPERTY LINE @ HOUSE #713
ELEV. 811.64
 - UTILITY POLE LOCATED AT NORTHWEST CORNER OF PROPERTY @ HOUSE #745.
ELEV. 816.73
 - ARROW TOP HYDRANT LOCATED THE END OF GRAND PARK DRIVE
ELEV. 810.18
 - MAG EAST FACE ON 19 IN OAK. LOCATED ±800 FT. FROM CENTERLINE OF AUBURN ROAD ON WEST PROPERTY LINE
ELEV. 810.96
 - ARROW TOP HYDRANT LOCATED APPROXIMATELY ±75 FT. FROM SOUTHEAST CORNER OF PROPERTY. EAST SIDE OF GRAND PARK BLVD.
ELEV. 798.34

CONTROL POINTS:

NUMBER	NORTHING	EASTING	ELEVATION
25.	4768.0117	6298.5248	809.54
200.	3827.1123	6219.0424	805.56
201.	3743.6329	6388.2694	798.86
202.	4797.4552	6352.1885	809.05
203.	4501.7434	6271.9927	805.61
204.	4004.7174	6014.0553	806.52
205. TEMP.	4925.2299	6249.7057	810.40

TRAVERSE POINTS:

NUMBER	NORTHING	EASTING	ELEVATION
20.	4747.5125	6389.8636	807.11
22.	3712.6099	6138.1358	802.44
23.	4262.3423	6092.6988	807.00
26.	5025.3488	6045.5931	815.54
27.	4978.7367	6407.1326	811.02

BENCHMARKS:

NUMBER	NORTHING	EASTING	ELEVATION
1.	4941.1416	6224.2166	811.64
2.	4941.3213	6059.9835	816.73
3.	4737.3642	6392.8828	810.18
4.	4402.4274	6060.2647	810.96
5.	3674.9554	6463.0827	798.34

- LEGEND**
- CONTROL POINT
 - FIRE HYDRANT
 - GATE VALVE
 - MANHOLE - STM OR SAN AS INDICATED
 - PAVEMENT CATCH BASIN
 - TELEPHONE BOX
 - GAS MARKER
 - UTILITY POLE
 - GUY POLE
 - LIGHT POLE
 - SIGN
 - MAIL BOX
 - TOP OF BANK



J ASSOCIATES, INC.
Civil Engineering and Surveying

FORMERLY MGS ASSOCIATES, INC.

44444 Mound Road, Suite 100
Sterling Heights, Michigan 48314
Telephone (588) 726-6310
Fax (588) 726-0042

PINE WOODS CONDOMINIUMS
PART OF NORTHWEST 1/4 OF SECTION 34, T.3N., R.11E., ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

DATE 01-13-05 SCALE 1"= 60'
DRAWN BY AP SHEET 4 OF 7
CHECKED BY JCW DRAWING PS-04-780

TOPOGRAPHIC SURVEY

"PINE WOODS CONDOMINIUMS"

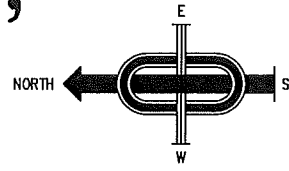
PART OF THE Northwest 1/4 OF SECTION 34,
T.3N.,R.11E., ROCHESTER HILLS TOWNSHIP, OAKLAND COUNTY, MICHIGAN.

TREE LISTING

TAG	NORTHING	EASTING	ELEVATION	SPECIES	CALIPER (IN)	TAG	NORTHING	EASTING	ELEVATION	SPECIES	CALIPER (IN)
401	4922.57	6101.98	814.55	MAPLE	15	1217	4677.02	6296.62	808.59	MAPLE	808.59
402	4921.94	6134.83	813.51	PINE	15	1218	4668.04	6266.55	809.85	MAPLE	271.26
403	4923.56	6151.07	812.57	MAPLE	14	1219	4713.42	6259.86	810.31	SPRUCE	15
404	4923.77	6176.67	811.32	PINE	14	1221	4728.86	6270.79	809.99	SPRUCE	16
405	4926.28	6202.65	811.01	MAPLE	15	1222	4730.20	6280.99	809.99	SPRUCE	12
406	4962.51	6153.43	813.68	MAPLE	18	1222	4760.73	6306.82	809.49	WALNUT	14
407	4952.43	6156.47	812.97	SPRUCE	13	1223	4771.41	6322.36	811.14	PINE	14
408	4940.44	6174.49	812.00	SPRUCE	14	1224	4771.18	6322.36	811.14	PINE	13
409	4948.87	6067.26	815.51	PINE	11	1225	4756.95	6232.22	810.87	PINE	15
410	4970.36	6062.29	814.34	PINE	16	1226	4747.41	6233.58	810.80	SPRUCE	10
411	4975.27	6115.70	813.19	PINE	11	1227	4751.64	6234.19	810.62	SPRUCE	8
412	4985.42	6176.11	813.08	SPRUCE	15	1228	4727.19	6237.54	810.51	SPRUCE	10
413	4926.27	6230.85	809.82	SPRUCE	6	1229	4732.72	6233.71	810.58	SPRUCE	8
414	4927.86	6240.97	809.83	MAPLE	15	1230	4723.89	6233.66	810.71	SPRUCE	10
415	4920.34	6271.22	809.88	SPRUCE	11	1231	4717.18	6233.51	810.50	SPRUCE	7
416	4915.03	6232.01	809.90	SPRUCE	6	1232	4715.94	6233.68	810.58	SPRUCE	7
417	4911.47	6224.53	809.95	SPRUCE	11	1233	4711.64	6227.86	810.54	SPRUCE	8
418	4905.97	6234.61	809.88	SPRUCE	9	1234	4708.73	6223.48	810.42	SPRUCE	10
419	4901.97	6235.50	810.04	SPRUCE	11	1235	4708.68	6227.99	810.44	SPRUCE	7
420	4892.40	6235.13	810.14	SPRUCE	8	1236	4705.02	6228.00	810.46	SPRUCE	7
421	4885.38	6234.90	810.20	SPRUCE	12	1237	4703.57	6227.89	810.48	SPRUCE	7
422	4871.02	6231.10	810.43	SPRUCE	8	1238	4701.71	6228.27	810.42	SPRUCE	7
423	4861.99	6231.15	810.49	SPRUCE	7	1239	4701.08	6233.96	810.45	SPRUCE	6
424	4855.96	6231.71	810.71	SPRUCE	13	1240	4696.38	6232.66	810.36	SPRUCE	9
425	4843.75	6240.15	810.45	SPRUCE	16	1241	4688.58	6232.15	810.05	SPRUCE	10
426	4802.83	6231.01	811.11	SPRUCE	29	1242	4681.29	6231.89	809.66	SPRUCE	9
427	4876.19	6262.89	810.00	CHITLOW BIRCH	9	1243	4674.51	6231.20	809.44	SPRUCE	8
428	4908.32	6278.39	808.43	SPRUCE	6	1244	4668.08	6231.58	809.41	SPRUCE	7
429	4921.61	6284.59	808.00	SPRUCE	9	1245	4663.94	6231.58	809.28	SPRUCE	7
430	4927.33	6301.43	807.96	MAPLE	18	1246	4654.89	6231.28	809.16	SPRUCE	8
431	4922.43	6331.81	807.00	SPRUCE	14	1247	4646.96	6231.59	809.03	SPRUCE	9
432	4921.60	6341.27	806.51	SPRUCE	10	1248	4638.92	6231.06	808.83	SPRUCE	9
433	4911.09	6344.19	806.83	SPRUCE	7	1249	4723.23	6182.53	811.31	PINE	15
434	4921.22	6349.68	806.64	SPRUCE	12	1250	4744.07	6204.30	811.32	PINE	13
435	4921.53	6350.20	806.41	SPRUCE	14	1251	4736.41	6178.41	813.01	PINE	16
436	4922.50	6363.32	806.17	SPRUCE	13	1252	4731.55	6125.12	815.50	WALNUT	27
437	4821.96	6399.49	806.39	YELLOW POPAR	12	1253	4723.87	6162.29	812.20	PINE	13,13
438	4816.98	6401.11	805.23	SPRUCE	11	1254	4715.51	6133.39	813.54	DOG-F	13
439	4863.60	6321.31	809.09	MAPLE	15	1255	4707.86	6098.61	813.22	WALNUT	17
440	4881.65	6302.63	809.14	MAPLE	20	1256	4600.11	6128.39	810.41	PEAR	12
441	4902.79	6281.52	809.11	SPRUCE	8	1257	4601.18	6091.80	809.38	PEAR	14
442	4865.85	6374.24	808.82	PINE	7	1258	4402.23	6058.53	810.42	DAK	19
443	4862.20	6378.96	806.86	SPRUCE	8	1259	4306.71	6068.87	809.87	PEAR	13
444	4861.63	6372.89	806.86	SPRUCE	8	1260	4303.86	6091.48	808.45	PEAR	13
445	4902.99	6398.37	806.20	SPRUCE	6	1261	4334.50	6091.71	809.27	PEAR	13
446	4892.80	6394.73	806.38	SPRUCE	8	1262	4324.26	6073.68	807.58	PEAR	14
447	4886.96	6364.78	806.55	SPRUCE	7	1263	4363.13	6182.07	807.11	PINE	14,14
448	4880.19	6365.77	806.81	SPRUCE	7	1264	4364.15	6181.61	806.95	PINE	15
449	4865.86	6365.62	806.89	SPRUCE	10	1265	4372.14	6183.96	806.74	PINE	15
450	4859.66	6365.90	806.93	SPRUCE	6	1266	4374.23	6181.78	806.74	PINE	16
451	4852.68	6370.25	806.91	SPRUCE	6	1267	4333.82	6180.96	806.48	PEAR	13
452	4845.70	6365.86	806.92	SPRUCE	8	1268	4303.26	6182.55	806.67	PEAR	13
453	4847.63	6375.81	806.93	SPRUCE	8	1269	4304.64	6185.90	805.90	PEAR	16
454	4838.66	6377.25	807.23	PINE	7	1270	4333.73	6211.00	805.99	PEAR	16
455	4831.14	6368.95	807.43	PINE	7	1271	4314.20	6226.68	804.85	CHITLOW BIRCH	16
456	4831.63	6381.73	807.13	PINE	8	1272	4318.41	6227.89	803.17	PEAR	19
457	4823.23	6382.54	807.14	PINE	11	1273	4354.59	6220.15	803.39	PEAR	19
458	4814.04	6381.74	807.26	PINE	7	1274	4387.71	6268.24	803.55	PEAR	36
459	4811.89	6384.87	807.29	PINE	7	1275	4318.91	6303.91	803.77	PEAR	17
460	4801.11	6370.51	807.53	SPRUCE	7	1276	4306.83	6291.74	803.74	PEAR	15
461	4788.56	6381.40	807.49	PINE	8	1277	4318.70	6337.91	800.99	PEAR	16
462	4780.24	6381.16	807.72	PINE	11	1278	4354.46	6337.23	801.55	PEAR	15
463	4786.14	6372.28	807.66	PINE	11	1279	4337.59	6337.25	802.17	PEAR	15
464	4783.89	6376.73	807.96	WILLOW	18	1280	4422.53	6372.50	802.08	PEAR	24
465	4757.32	6381.03	807.95	PINE	14	1281	4387.90	6371.82	801.63	PEAR	18
466	4742.12	6378.70	807.90	SPRUCE	8	1282	4380.15	6369.67	801.54	PINE	14
467	4728.81	6379.20	808.37	PINE	15	1283	4323.94	6358.06	801.59	COTTONWOOD	22,27
468	4702.63	6371.85	808.45	PEAR	9	1284	4366.38	6311.94	806.90	COTTONWOOD	45
469	4681.86	6371.41	808.16	PEAR	12	1285	4289.82	6312.26	799.19	WALNUT	16
470	4664.76	6371.49	808.71	COTTONWOOD	36	1286	4286.25	6311.76	799.19	WALNUT	16
471	4627.76	6368.04	807.45	SPRUCE	8	1287	4134.69	6365.57	800.07	WALNUT	6
472	4615.96	6371.97	807.41	SPRUCE	6	1288	4144.45	6371.80	800.64	PEAR	17
473	4610.14	6371.76	807.28	SPRUCE	6	1289	4178.28	6372.87	800.53	PEAR	17
474	4602.57	6370.33	807.07	SPRUCE	7	1290	4174.10	6372.57	800.77	PEAR	13
475	4585.53	6372.87	806.91	SPRUCE	8	1291	4284.52	6372.26	800.11	PEAR	16
476	4601.36	6368.02	806.91	SPRUCE	7	1292	4318.68	6372.89	800.76	PEAR	20
477	4589.26	6371.14	806.56	SPRUCE	8	1293	4286.97	6372.89	800.71	PEAR	17
478	4586.89	6365.92	806.35	SPRUCE	7	1294	4248.46	6337.47	800.75	PEAR	12,8
479	4582.87	6372.20	806.37	SPRUCE	8	1295	4214.41	6336.97	800.52	PEAR	13
480	4574.26	6365.34	806.13	SPRUCE	9	1296	4178.95	6302.46	801.50	PEAR	15
481	4568.77	6369.00	806.16	SPRUCE	7	1297	4130.50	6279.00	801.28	WALNUT	17
482	4563.03	6363.55	806.05	SPRUCE	7	1298	4214.00	6267.85	801.19	PEAR	17
483	4551.50	6369.08	805.05	SPRUCE	6	1299	4249.36	6268.63	801.27	PEAR	16
484	4537.83	6368.55	805.89	SPRUCE	7	1300	4288.94	6228.91	801.39	WALNUT	8
485	4537.68	6365.20	805.73	SPRUCE	8	1401	4250.87	6236.89	804.90	DAK	11
486	4532.19	6370.16	805.74	SPRUCE	7	1402	4236.77	6224.90	804.50	DAK	14
487	4549.73	6365.94	805.40	SPRUCE	7	1403	4230.06	6220.06	804.16	WALNUT	6
488	4543.00	6367.30	805.44	SPRUCE	7	1404	4218.13	6228.21	803.73	WALNUT	6
489	4543.55	6365.38	804.90	SPRUCE	6	1405	4224.51	6157.76	805.63	ASH	8
490	4541.26	6371.96	804.59	SPRUCE	7	1406	4215.02	6147.67	805.06	ASH	29
491	4537.41	6365.41	804.67	SPRUCE	6	1407	4216.52	6062.37	805.48	WALNUT	31
492	4534.83	6371.17	804.47	SPRUCE	7	1408	4182.32	6066.39	805.04	WALNUT	11
493	4531.83	6365.44	804.43	SPRUCE	7	1409	4158.85	6061.59	804.54	WALNUT	7
494	4794.98	6243.36	811.50	MAPLE	36	1410	4182.57	6070.02	804.48	WALNUT	31
495	4528.10	6371.62	804.39	SPRUCE	7	1411	4137.78	6099.84	803.93	WALNUT	13
496	4525.21	6384.20	804.29	SPRUCE	7	1412	4128.70	6128.50	803.11	WALNUT	15
497	4512.17	6384.94	804.00	SPRUCE	7	1413	4088.25	6111.26	802.93	WALNUT	13
498	4518.10	6384.20	804.27	SPRUCE	7	1414	4140.08	6157.19	802.98	WALNUT	16
499	4515.26	6385.69	804.10	SPRUCE	8	1415	4136.80	6176.47	802.42	WALNUT	16
500	4512.17	6384.94	804.00	SPRUCE	6	1416	4114.84	6187.83	802.03	WALNUT	8
778	4796.76	6381.59	807.6								

"PINE WOODS CONDOMINIUMS"

PART OF THE N.W. 1/4 OF SECTION 34,
T. 3N., R. 11E., ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN.



TREE LISTING

TAG	NORTHING	EASTING	ELEVATION	SPECIES	DIAMETER (IN)	NORTHING	EASTING	ELEVATION	SPECIES	DIAMETER (IN)
401	4822.57	8103.89	814.98	MAPLE	15	4877.82	8296.62	808.59	WALNUT	27.16
402	4821.94	8103.01	815.01	MAPLE	15	4878.18	8296.55	808.85	WALNUT	27.16
403	4821.58	8103.07	815.57	MAPLE	14	4878.42	8296.86	810.31	SPRUCE	15
404	4821.77	8103.07	815.32	PINE	14	4878.86	8270.79	808.99	SPRUCE	16
405	4820.88	8103.01	815.01	MAPLE	15	4879.25	8296.78	808.99	SPRUCE	12
406	4821.51	8103.43	815.68	MAPLE	10	4879.25	8296.78	808.99	B. WALNUT	14
407	4821.43	8103.47	815.47	SPRUCE	13	4879.41	8232.38	811.14	PINE	14
408	4820.44	8103.49	815.00	SPRUCE	14	4879.86	8232.38	811.00	PINE	15
409	4821.28	8103.07	815.51	MAPLE	11	4880.25	8232.38	810.87	PINE	15
410	4821.36	8103.49	815.34	PINE	18	4880.58	8232.38	810.80	SPRUCE	10
411	4821.27	8103.19	815.19	PINE	11	4880.84	8232.38	810.82	SPRUCE	8
412	4821.27	8103.05	815.05	SPRUCE	15	4881.19	8232.38	810.51	SPRUCE	10
413	4821.27	8103.05	815.05	SPRUCE	8	4881.54	8232.38	810.58	SPRUCE	8
414	4821.27	8103.05	815.05	MAPLE	15	4881.89	8232.38	810.71	SPRUCE	10
415	4821.27	8103.05	815.05	SPRUCE	11	4882.24	8232.38	810.50	SPRUCE	7
416	4821.01	8103.01	815.01	SPRUCE	8	4882.59	8232.38	810.58	SPRUCE	7
417	4821.47	8103.51	815.51	SPRUCE	11	4882.94	8232.38	810.54	SPRUCE	8
418	4820.87	8103.49	815.49	SPRUCE	8	4883.29	8232.38	810.42	SPRUCE	10
419	4821.01	8103.04	815.04	SPRUCE	11	4883.64	8232.38	810.44	SPRUCE	7
420	4821.40	8103.13	815.13	SPRUCE	8	4883.99	8232.38	810.45	SPRUCE	7
421	4821.28	8103.20	815.20	SPRUCE	12	4884.34	8232.38	810.36	SPRUCE	9
422	4821.02	8103.43	815.43	SPRUCE	8	4884.69	8232.38	810.05	SPRUCE	17
423	4821.09	8103.49	815.49	SPRUCE	7	4885.04	8232.38	809.65	SPRUCE	9
424	4821.09	8103.49	815.49	SPRUCE	13	4885.39	8232.38	810.36	SPRUCE	9
425	4821.09	8103.49	815.49	SPRUCE	8	4885.74	8232.38	810.05	SPRUCE	17
426	4821.09	8103.49	815.49	SPRUCE	9	4886.09	8232.38	809.65	SPRUCE	9
427	4821.09	8103.49	815.49	SPRUCE	12	4886.44	8232.38	809.65	SPRUCE	9
428	4821.09	8103.49	815.49	SPRUCE	8	4886.79	8232.38	809.65	SPRUCE	9
429	4821.09	8103.49	815.49	SPRUCE	8	4887.14	8232.38	809.65	SPRUCE	9
430	4821.09	8103.49	815.49	SPRUCE	8	4887.49	8232.38	809.65	SPRUCE	9
431	4821.09	8103.49	815.49	SPRUCE	8	4887.84	8232.38	809.65	SPRUCE	9
432	4821.09	8103.49	815.49	SPRUCE	8	4888.19	8232.38	809.65	SPRUCE	9
433	4821.09	8103.49	815.49	SPRUCE	8	4888.54	8232.38	809.65	SPRUCE	9
434	4821.09	8103.49	815.49	SPRUCE	8	4888.89	8232.38	809.65	SPRUCE	9
435	4821.09	8103.49	815.49	SPRUCE	8	4889.24	8232.38	809.65	SPRUCE	9
436	4821.09	8103.49	815.49	SPRUCE	8	4889.59	8232.38	809.65	SPRUCE	9
437	4821.09	8103.49	815.49	SPRUCE	8	4890.24	8232.38	809.65	SPRUCE	9
438	4821.09	8103.49	815.49	SPRUCE	8	4890.59	8232.38	809.65	SPRUCE	9
439	4821.09	8103.49	815.49	SPRUCE	8	4890.94	8232.38	809.65	SPRUCE	9
440	4821.09	8103.49	815.49	SPRUCE	8	4891.29	8232.38	809.65	SPRUCE	9
441	4821.09	8103.49	815.49	SPRUCE	8	4891.64	8232.38	809.65	SPRUCE	9
442	4821.09	8103.49	815.49	SPRUCE	8	4891.99	8232.38	809.65	SPRUCE	9
443	4821.09	8103.49	815.49	SPRUCE	8	4892.34	8232.38	809.65	SPRUCE	9
444	4821.09	8103.49	815.49	SPRUCE	8	4892.69	8232.38	809.65	SPRUCE	9
445	4821.09	8103.49	815.49	SPRUCE	8	4893.04	8232.38	809.65	SPRUCE	9
446	4821.09	8103.49	815.49	SPRUCE	8	4893.39	8232.38	809.65	SPRUCE	9
447	4821.09	8103.49	815.49	SPRUCE	8	4893.74	8232.38	809.65	SPRUCE	9
448	4821.09	8103.49	815.49	SPRUCE	8	4894.09	8232.38	809.65	SPRUCE	9
449	4821.09	8103.49	815.49	SPRUCE	8	4894.44	8232.38	809.65	SPRUCE	9
450	4821.09	8103.49	815.49	SPRUCE	8	4894.79	8232.38	809.65	SPRUCE	9
451	4821.09	8103.49	815.49	SPRUCE	8	4895.14	8232.38	809.65	SPRUCE	9
452	4821.09	8103.49	815.49	SPRUCE	8	4895.49	8232.38	809.65	SPRUCE	9
453	4821.09	8103.49	815.49	SPRUCE	8	4895.84	8232.38	809.65	SPRUCE	9
454	4821.09	8103.49	815.49	SPRUCE	8	4896.19	8232.38	809.65	SPRUCE	9
455	4821.09	8103.49	815.49	SPRUCE	8	4896.54	8232.38	809.65	SPRUCE	9
456	4821.09	8103.49	815.49	SPRUCE	8	4896.89	8232.38	809.65	SPRUCE	9
457	4821.09	8103.49	815.49	SPRUCE	8	4897.24	8232.38	809.65	SPRUCE	9
458	4821.09	8103.49	815.49	SPRUCE	8	4897.59	8232.38	809.65	SPRUCE	9
459	4821.09	8103.49	815.49	SPRUCE	8	4897.94	8232.38	809.65	SPRUCE	9
460	4821.09	8103.49	815.49	SPRUCE	8	4898.29	8232.38	809.65	SPRUCE	9
461	4821.09	8103.49	815.49	SPRUCE	8	4898.64	8232.38	809.65	SPRUCE	9
462	4821.09	8103.49	815.49	SPRUCE	8	4898.99	8232.38	809.65	SPRUCE	9
463	4821.09	8103.49	815.49	SPRUCE	8	4899.34	8232.38	809.65	SPRUCE	9
464	4821.09	8103.49	815.49	SPRUCE	8	4899.69	8232.38	809.65	SPRUCE	9
465	4821.09	8103.49	815.49	SPRUCE	8	4900.04	8232.38	809.65	SPRUCE	9
466	4821.09	8103.49	815.49	SPRUCE	8	4900.39	8232.38	809.65	SPRUCE	9
467	4821.09	8103.49	815.49	SPRUCE	8	4900.74	8232.38	809.65	SPRUCE	9
468	4821.09	8103.49	815.49	SPRUCE	8	4901.09	8232.38	809.65	SPRUCE	9
469	4821.09	8103.49	815.49	SPRUCE	8	4901.44	8232.38	809.65	SPRUCE	9
470	4821.09	8103.49	815.49	SPRUCE	8	4901.79	8232.38	809.65	SPRUCE	9
471	4821.09	8103.49	815.49	SPRUCE	8	4902.14	8232.38	809.65	SPRUCE	9
472	4821.09	8103.49	815.49	SPRUCE	8	4902.49	8232.38	809.65	SPRUCE	9
473	4821.09	8103.49	815.49	SPRUCE	8	4902.84	8232.38	809.65	SPRUCE	9
474	4821.09	8103.49	815.49	SPRUCE	8	4903.19	8232.38	809.65	SPRUCE	9
475	4821.09	8103.49	815.49	SPRUCE	8	4903.54	8232.38	809.65	SPRUCE	9
476	4821.09	8103.49	815.49	SPRUCE	8	4903.89	8232.38	809.65	SPRUCE	9
477	4821.09	8103.49	815.49	SPRUCE	8	4904.24	8232.38	809.65	SPRUCE	9
478	4821.09	8103.49	815.49	SPRUCE	8	4904.59	8232.38	809.65	SPRUCE	9
479	4821.09	8103.49	815.49	SPRUCE	8	4904.94	8232.38	809.65	SPRUCE	9
480	4821.09	8103.49	815.49	SPRUCE	8	4905.29	8232.38	809.65	SPRUCE	9
481	4821.09	8103.49	815.49	SPRUCE	8	4905.64	8232.38	809.65	SPRUCE	9
482	4821.09	8103.49	815.49	SPRUCE	8	4905.99	8232.38	809.65	SPRUCE	9
483	4821.09	8103.49	815.49	SPRUCE	8	4906.34	8232.38	809.65	SPRUCE	9
484	4821.09	8103.49	815.49	SPRUCE	8	4906.69	8232.38	809.65	SPRUCE	9
485	4821.09	8103.49	815.49	SPRUCE	8	4907.04	8232.38	809.65	SPRUCE	9
486	4821.09	8103.49	815.49	SPRUCE	8	4907.39	8232.38	809.65	SPRUCE	9
487	4821.09	8103.49	815.49	SPRUCE	8	4907.74	8232.38	809.65	SPRUCE	9
488	4821.09	8103.49	815.49	SPRUCE	8	4908.09	8232.38	809.65	SPRUCE	9
489	4821.09	8103.49	815.49	SPRUCE	8	4908.44	8232.38	809.65	SPRUCE	9
490	4821.09	8103.49	815.49	SPRUCE	8	4908.79	8232.38	809.65	SPRUCE	9
491	4821.09	8103.49	815.49	SPRUCE	8	4909.14	8232.38	809.65	SPRUCE	9
492	4821.09	8103.49	815.49	SPRUCE	8	4909.49	8232.38	809.65	SPRUCE	9
493	4821.09	8103.49	815.49	SPRUCE	8	4909.84	8232.38	809.65	SPRUCE	9
494	4821.09	8103.49	815.49	SPRUCE	8	4910.19	8232.38	809.65	SPRUCE	9
495	4821.09	8103.49	815.49	SPRUCE	8	4910.54	8232.38	809.65	SPRUCE	9
496	4821.09	8103.49	815.49	SPRUCE	8	4910.89	8232.38	809.65	SPRUCE	9
497	4821.09	8103.49	815.49	SPRUCE	8	4911.24	8232.38	809.65	SPRUCE	9
498	4821.09	8103.49	815.49	SPRUCE	8	4911.59	8232.38	809.65	SPRUCE	9
499	4821.09	8103.49	815.49	SPRUCE	8	4911.94	8232.38	809.65	SPRUCE	9
500	4821.09	8103.49	815.49	SPRUCE	8	4912.29	8232.38	809.65	SPRUCE	9
501	4821.09	8103.49	815.49	SPRUCE	8	4912.64	8232.38	809.65	SPRUCE	9
502	4821.09	8103.49	815.49	SPRUCE	8	4912.99	8232.38	809.65	SPRUCE	9
503	4821.09	8103.49	815.49	SPRUCE	8	4913.34	8232.38	809.65	SPRUCE	9
504	4821.09	8103.49	815.49	SPRUCE	8	4913.69	8232.38	809.65	SPRUCE	9
505	4821.09	8103.49	815.49	SPRUCE	8	4914.04	8232.38	809.65	SPRUCE	9
506	4821.09	8103.49	815.49	SPRUCE	8	4914.39	8232.38	809.65	SPRUCE	9
507	4821.09	8103.49	815.49	SPRUCE	8	4914.74	8232.38	809.65	SPRUCE	9
508	4821.09	8103.49	815.49	SPRUCE	8	4915.09	8232.38	809.65	SPRUCE	9