

# "CLEAR CREEK SUB. NO. 5"

PART OF THE NE 1/4 OF SECTION 02,  
T. 3N., R. 11E., ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN.

## ZONING REQUIREMENTS

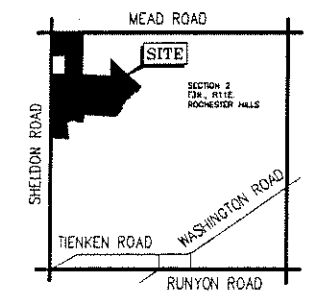
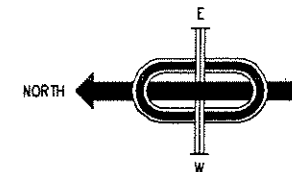
EXISTING ZONING	R-1
MINIMUM CORNER LOT WIDTH	105 FT
MINIMUM LOT WIDTH	85 FT
MINIMUM LOT AREA	15,000 SQ FT
MINIMUM SIDE YARD	10 FT
MINIMUM TOTAL SIDE YARD	20 FT
MINIMUM REAR YARD	35 FT*
MINIMUM FRONT YARD	30 FT

\* THE REAR YARD SETBACK CAN ONLY BE REDUCED WHEN THE LOT ABUTS A MINIMUM 100-FOOT WIDE OPEN SPACE AREA.

OPEN SPACE PLAN CONCEPT USED

NET DENSITY  
58 LOTS/56.28ACRES = 1.03 LOTS/ACRE  
< 1.70 LOTS/ACRES (ORDINANCE 20.01a.1)

**BENCHMARK DESCRIPTION:**  
EX BENCHMARK - HYDRANT ON LOT 140  
ELEV. 803.17  
BENCHMARK #5000 - MAG NAIL IN THE WEST FACE 11" BLACK WALNUT, TAG #714  
ELEV. 821.79  
BENCHMARK #5289 - MAG NAIL IN THE SOUTHWEST FACE 5" ASH  
ELEV. 822.18  
BENCHMARK #5735 - MAG NAIL IN THE EAST FACE 1 1/2" 6&7" ASH  
ELEV. 808.87  
BENCHMARK #5738 - MAG NAIL IN THE SOUTHWEST FACE 11" ASH, TAG # 291  
ELEV. 801.80  
BENCHMARK #6017 - VERTICAL MAG NAIL IN THE SOUTH BASE 11" ELM, TAG #1827  
ELEV. 816.17  
BENCHMARK #6298 - MAG NAIL IN THE SOUTH FACE 1 1/2" ELM, TAG # 240  
ELEV. 817.57  
BENCHMARK #6885 - PK IN THE SOUTH FACE 28" COTTONWOOD  
ELEV. 817.50  
BENCHMARK #6887 - TOP OF BOLT IN THE EAST FACE UTILITY POLE, SOUTHWEST CORNER OF MEAD ROAD AND SHELDON ROAD  
ELEV. 822.82  
BENCHMARK #7088 - PK IN THE WEST FACE 34" OAK, TAG #307  
ELEV. 820.40  
BENCHMARK #7314 - PK IN THE EAST FACE 12" ELM, TAG #1287  
ELEV. 798.44  
BENCHMARK #7365 - MAG NAIL IN THE EAST FACE 10" ASH  
ELEV. 802.32



LOCATION MAP  
SCALE 1" = 2000'

58 TOTAL LOTS

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SHEET 3	PHASING PLAN (SUB #5)
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SHEET 5	SOIL MAP, GRADIENT SLOPE, WATERSHED MAP
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SHEET 15	TREE PRESERVATION PLAN (SHELDON R.O.W.)
SHEETS 16-19	TREE LISTING (ONSITE)
SHEET 20	TREE LISTING (SHELDON R.O.W.)
SHEET 21	DRAINAGE DISTRICTS
SHEETS 22-25	LANDSCAPE PLANS

DEVELOPER:  
ELRO CORPORATION  
201 WEST BIG BEAVER  
SUITE 720  
TROY, MICHIGAN, 48064

AUTHORIZED REPRESENTATIVES  
HARRY TERBRUGGEN  
RICHARD SCHOENHERR  
JESSE KRANZ

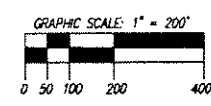
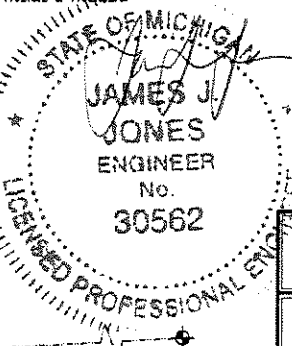
PREPARED BY:  
JJ ASSOCIATES, INC.  
JOHN C. WRIGHT  
PROFESSIONAL ENGINEER No. 51423  
44444 MOUND ROAD  
SUITE 100  
STERLING HEIGHTS, MICHIGAN 48314  
TEL (586) 726-9111  
FAX (586) 726-9112

**NOTES:**  
CONSTRUCTION SITES SHALL BE SAFEGUARDED IN ACCORDANCE WITH UFC ART 87, SEC. 8701.  
OPEN BURNING IS NOT PERMITTED INCLUDING THE BURNING OF TRASH, DEBRIS, OR LAND CLEARING MATERIALS. OPEN BURNING FOR WARMING OF SAND AND/OR WATER FOR THE PREPARATION OF MORTAR SHALL BE WITHIN THE CITY OF ROCHESTER HILLS BURN PERMIT GUIDELINES. FIRE PREVENTION ORDINANCE CHAPTER 58, SEC. 1102.6.2 & 1102.6.2.1.

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STONEY CREEK HIGH SCHOOL

**LEGAL DESCRIPTION:** (Proposed "Clear Creek No. 5")  
Part of the Northeast 1/4 of Section 2, T. 3N., R. 11E., City of Rochester Hills, Oakland County, Michigan described as follows: Beginning at the North 1/4 corner of said Section 2, thence N89°57'50"E 682.95 feet along the North line of said Section 2 said line also being the centerline of Mead Road; thence S51°37'10"E 42.08 feet; thence S02°05'30"E 873.84 feet; thence N89°57'50"E 615.00 feet; thence N02°05'30"W 371.49 feet; thence S51°37'10"E 932.91 feet; thence the following seven (7) courses along proposed Clear Creek Sub. No. 4: S38°22'50"W 170.00 feet and N51°37'10"W 40.00 feet and S38°22'50"W 235.00 feet and N57°37'10"W 20.00 feet and S31°01'42"W 241.82 feet and S0.00 feet along the arc of a curve to the right said curve having a radius of 540.00 feet a chord of: S57°22'49"E 30.00 feet and S34°12'42"W 170.01 feet; thence the following nine (9) courses along Clear Creek Sub. No. 3 as recorded in Liber 284, Pages 35-43, Oakland County Records S55°52'44"W 97.44 feet and N89°27'46"W 680.00 feet and S00°32'14"W 180.00 feet and N89°27'46"W 61.87 feet and 30.32 feet along the arc of a curve to the right said curve having a radius of 60.00 feet a chord of N74°59'07"W 30.00 feet and 57.08 feet along the arc of a curve to the left said curve having a radius of 60.00 feet a chord of S87°45'42"W 54.35 feet and N72°23'56"W 20.00 feet and N89°27'46"W 130.00 feet and S57°30'48"W 81.40 feet; thence S08°27'12"E 355.00 feet along said Clear Creek Sub. No. 3 (L.284, P.35-43) and Clear Creek No. 2 (L.278, P.26-31); thence along Clear Creek Sub. No. 2 as recorded in Liber 278 Pages 26-31, Oakland County Records N89°27'46"W 395.00 feet; thence N02°55'10"W 1215.11 along the North-South 1/4 line of said Section 2 said line also being the centerline of Sheldon Road; thence N87°04'50"E 290.40 feet; thence N02°55'10"W 350.00 feet; thence S87°54'30"W 290.40 feet; thence along said centerline Sheldon Road N02°55'10"W 770.00 feet to the point of beginning. Containing 2,451,372 square feet --- 56.28 Acres, More or Less.



NOTES:  
NOT TO BE USED AS CONSTRUCTION DRAWINGS.

CITY FILE #89-156.5

**JJ ASSOCIATES, INC.**  
Civil Engineering and Surveying

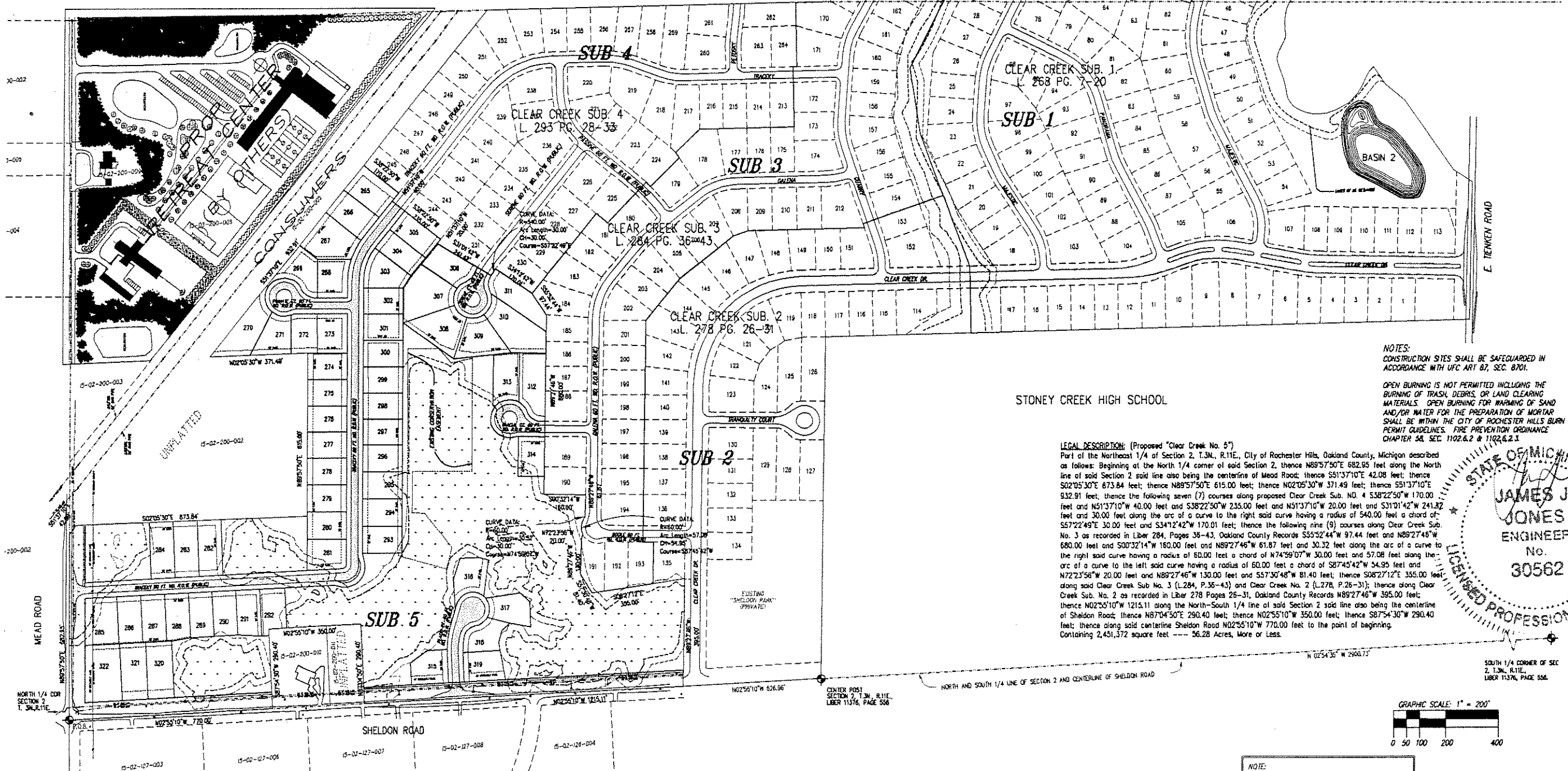
44444 Mound Road, Suite 100  
Sterling Heights, Michigan 48314  
Telephone (586) 726-9111  
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**FORMERLY MCS ASSOCIATES, INC.**

**CLEAR CREEK SUB. No. 5**  
PART OF THE NE 1/4 OF SECTION 02, T. 3N., R. 11E., CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

DATE 07-20-06 SCALE 1" = 200'  
DRAWN BY AP / JZ SHEET 1 OF 25  
CHECKED BY JCW DRAWING PS-05-799

PRELIMINARY PLAT



DENSITY & OPEN SPACE CALCULATION

CLEAR CREEK SUB. 1, 2, 3 & 4

Total Subdivision Area	=	163.092	Acres
Ex. Tienken & Sheldon Rd. RDW (33 Ft.)	=	0.81	Acres
Net Subdivision Area	=	162.282	Acres
Proposed Density (254 Lots) = 254/163.092	=	1.62	Lots/Acre
Allowable Density	=	1.70	Lots/Acre
Area Proposed Park "A"	=	29.5	Acres
Area Proposed Park "B"	=	1.1	Acres
<b>Total</b>	=	<b>30.6</b>	<b>Acres</b>
Existing 100 Year Flood Plain in Proposed Parks	=	6.4	Acres
(This is less than 50% of required Open Space)			
Surveyed Wetland Area (in add. to Flood Plain)	=	6.1	Acres
Approximate (Not Surveyed) Wetland Area	=	1.7	Acres
Proposed detention Basin	=	3.6	Acres
(To detour in less than 24 hours)			
Proposed "Upland" Park Areas	=	14.5	Acres
Total Countable Open Space	=	30.6	Acres
Sum of Areas of All Lots Under 20,000 S.F. Each	=	18.54	Acres
Required Open Space	=	18.54	Acres

NOTE: The above information was taken from the preliminary plat of Clear Creek 1-4 Sub. City File No. 89-156

DENSITY & OPEN SPACE CALCULATION

CLEAR CREEK SUB. 5

Total Subdivision Area	=	56.28	Acres
Ex. Mead & Sheldon Rd. RDW (33 Ft.)	=	2.02	Acres
Net Subdivision Area	=	54.26	Acres
Proposed Density (56 Lots) = 56/56.28	=	1.03	Lots/Acre
Allowable Density	=	1.70	Lots/Acre
Area Proposed Park	=	23.53	Acres
Sum of Areas of All Lots Under 20,000 S.F. Each	=	4.081	Acres
Required Open Space	=	4.081	Acres

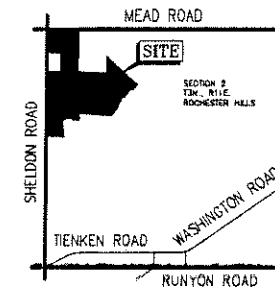
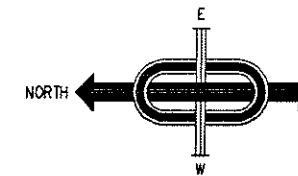
DENSITY & OPEN SPACE CALCULATION

CLEAR CREEK SUB. 1 THRU 5

Total Subdivision Area	=	219.37	Acres
Ex. Tienken & Sheldon Rd. RDW (33 Ft.)	=	2.83	Acres
Net Subdivision Area	=	216.54	Acres
Proposed Density (322 Lots) = 322/219.37	=	1.47	Lots/Acre
Allowable Density	=	1.70	Lots/Acre
Area Proposed Park "A"	=	29.5	Acres
Area Proposed Park "B"	=	1.1	Acres
Area Proposed Parks Sub. 5	=	23.53	Acres
<b>Total</b>	=	<b>54.13</b>	<b>Acres</b>
Total Countable Open Space	=	54.13	Acres
Sum of Areas of All Lots Under 20,000 S.F. Each	=	22.62	Acres
Required Open Space	=	22.62	Acres

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



LOCATION MAP

SCALE 1" = 2000'

58 TOTAL LOTS

- NOTES:
- ALL DRAINAGE THAT IS INTERCEPTED BY THE PROPOSED STORM SEWER AS SHOWN WILL BE ROUTED TO THE EXISTING DETENTION PONDS IN CLEAR CREEK SUB NO. 1 (EXCEPT FOR STORM SEWER ON PLACID COURT).
  - AN OPEN SPACE AGREEMENT MEETING THE REQUIREMENTS OF SEC. 122-236 MUST BE SUBMITTED PRIOR TO FINAL PLAT APPROVAL.
  - FUNDS WILL BE DEPOSITED WITH THE CITY TO PERMIT THE INSTALLATION OF ONE STREET TREE PER LOT PRIOR TO THE ISSUANCE OF ANY LAND IMPROVEMENT PERMIT.
  - PUBLIC SANITARY SEWER WILL BE PROVIDED THROUGHOUT THE SUBDIVISION.

ZONING REQUIREMENTS

EXISTING ZONING	R-1
MINIMUM CORNER LOT WIDTH	105 FT
MINIMUM LOT WIDTH	85 FT
MINIMUM LOT AREA	15,000 SQ FT
MINIMUM SIDE YARD	10 FT
MINIMUM TOTAL SIDE YARD	20 FT
MINIMUM REAR YARD	35 FT
MINIMUM FRONT YARD	30 FT

OPEN SPACE PLAN CONCEPT USED

NET DENSITY  
58 LOTS/56.28 ACRES = 1.03 LOTS/ACRE  
< 1.70 LOTS/ACRES (ORDINANCE 20.01a.1)

TOTAL WETLAND IMPACT AREA  
0.03 + 0.10 + 0.09 + 0.30 + 0.48 = 44,116 s.f.

TOTAL WETLAND MITIGATION AREA  
0.14 + 0.08 + 0.49 + 0.21 + 0.39 = 56,840 s.f.

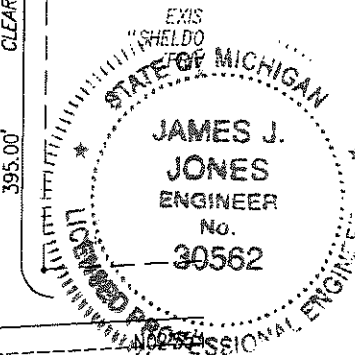
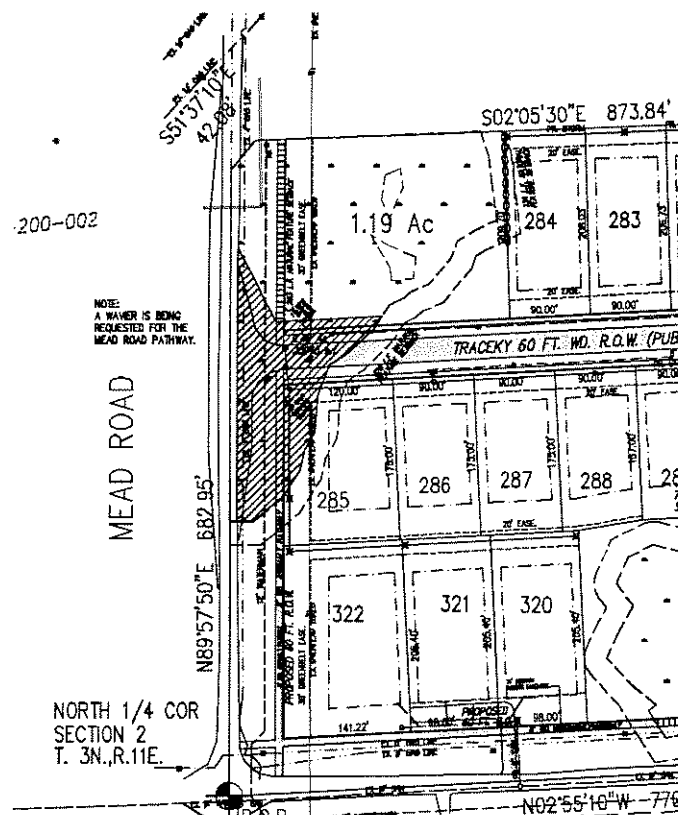
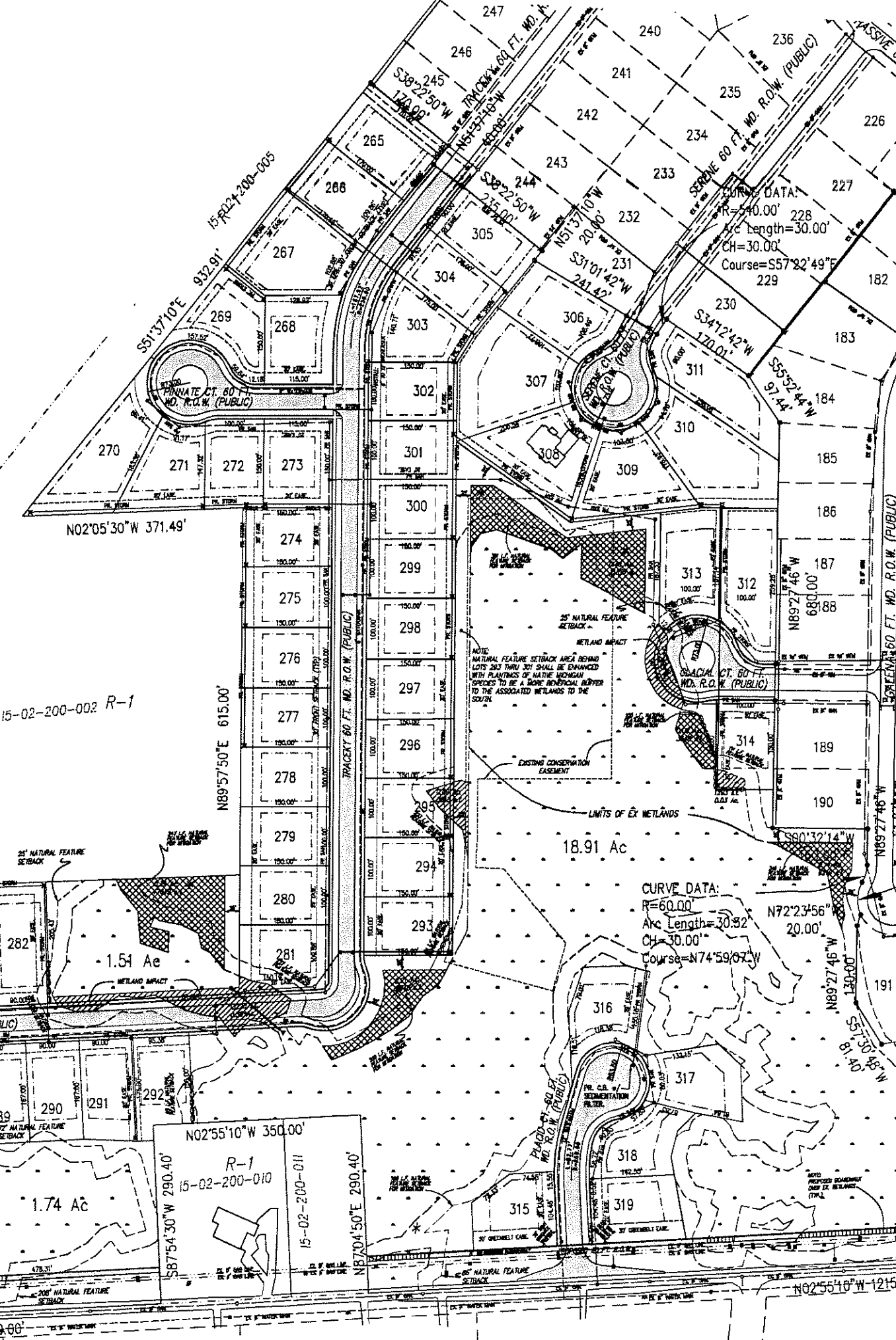
\* PROPOSED MITIGATION AREA

NOTES:  
A COMBINATION OF OFF-SITE MITIGATION AND ON-SITE MITIGATION (AS SHOWN) WILL BE PROVIDED.

ANY TREE REQUIRED FOR REMOVAL FOR ON-SITE MITIGATION SHALL BE REPLACED PER CITY OF ROCHESTER HILLS ORDINANCE.

LOT No.	S.F. AREA	AREA BELOW 20,000 S.F.
265	20400	
266	18600	1320
267	24772	
268	17651	2149
269	18602	1398
270	24661	
271	17205	2795
272	15036	4961
273	17250	2750
274	15000	5000
275	15000	5000
276	15000	5000
277	15000	5000
278	15000	5000
279	15000	5000
280	15000	5000
281	16788	462
282	18547	1453
283	18664	1336
284	18798	1202
285	21771	
286	15751	4249
287	15750	4250
288	15462	4538
289	15030	4970
290	15030	4970
291	15390	4610
292	15000	5000
293	15000	5000
294	15000	5000
295	15000	5000
296	15000	5000
297	15000	5000
298	15000	5000
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302	15000	5000
303	17865	2135
304	15749	4251
305	15750	4250
306	15003	4264
307	22295	
308	24353	
309	21611	
310	28638	
311	22093	
312	23560	
313	18451	1548
314	15000	5000
315	15410	4580
316	16073	3927
317	15770	4230
318	15030	4968
319	15736	4264
320	20129	
321	20129	
322	27945	

TOTAL AREA BELOW 20,000 S.F. = 177,774 S.F. = 4.081 Ac.  
TOTAL AREA OF OPENSOURCE = 18.91 + 1.74 + 1.51 + 1.19 = 23.35 Ac.



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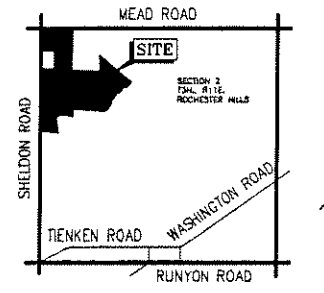
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DATE 07-20-06 SCALE 1" = 100'  
DRAWN BY AP / JZ SHEET 2 OF 25  
CHECKED BY JCW DRAWING PS-05-799

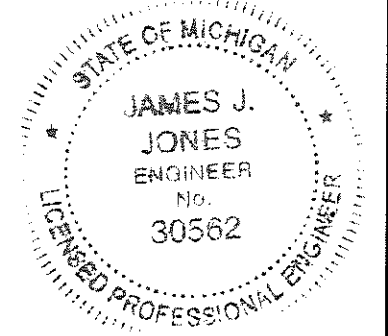
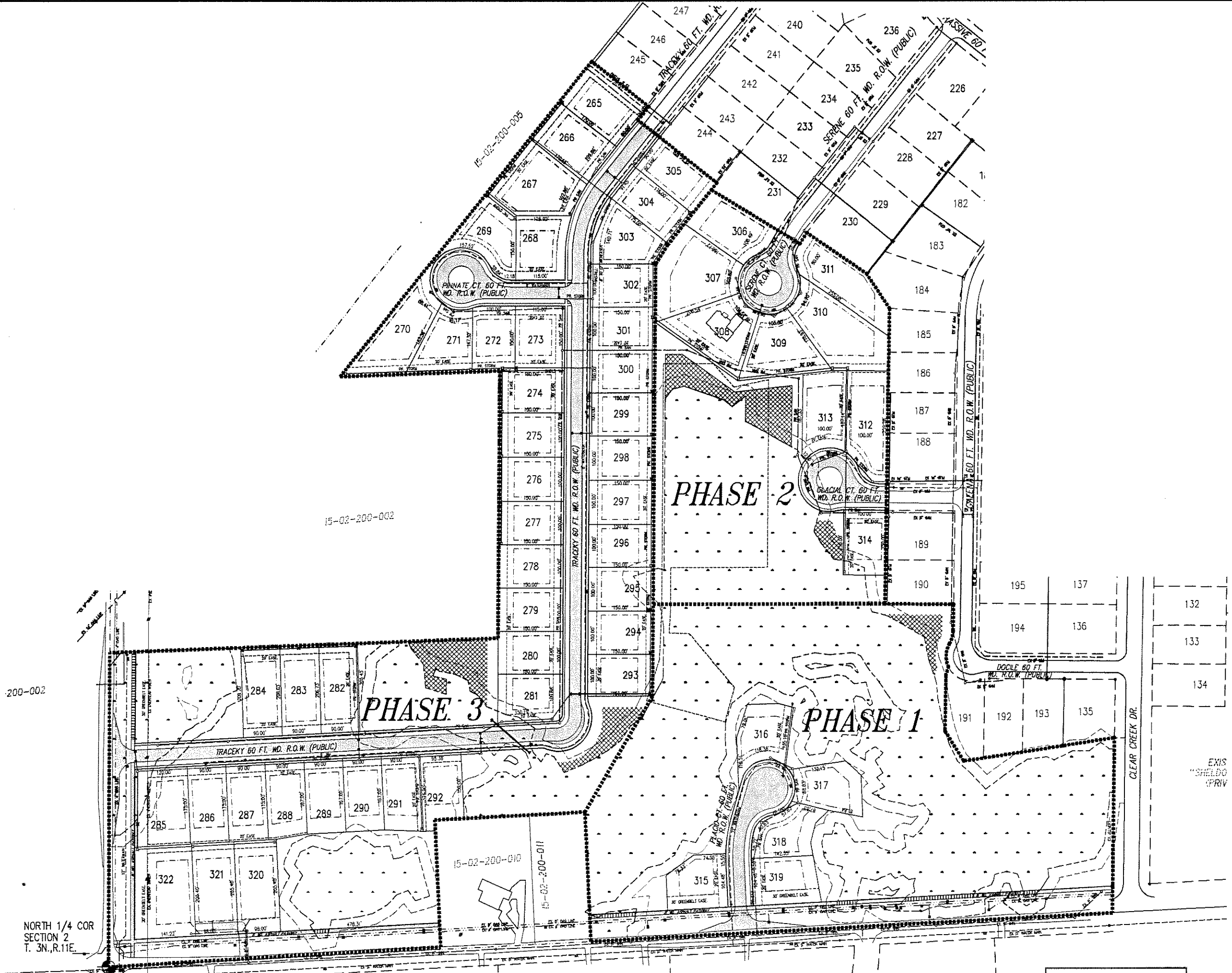
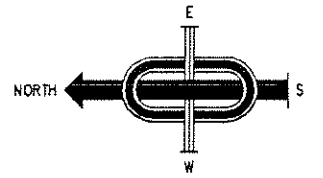
PRELIMINARY PLAT

NOTE: NOT TO BE USED AS CONSTRUCTION DRAWINGS.

CITY FILE #89-156.5



LOCATION MAP  
SCALE 1" = 2000'



REV: 12-12-2007 per reviews c.i.s.  
REV: 10-12-2007 per reviews j.d.p.  
REV: 6-26-2007 per asti j.d.p.  
REV: 2-13-2007 j.d.p.

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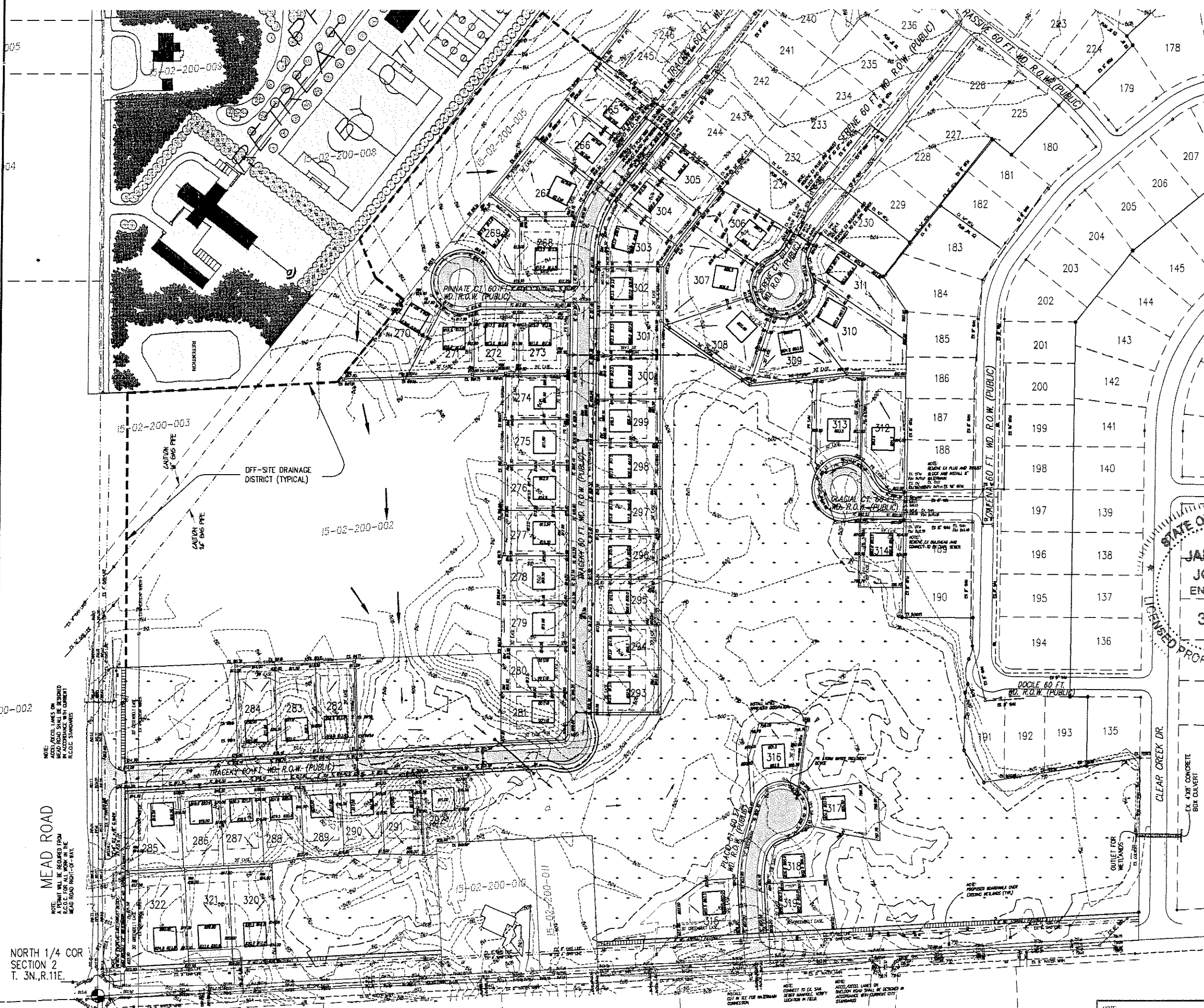
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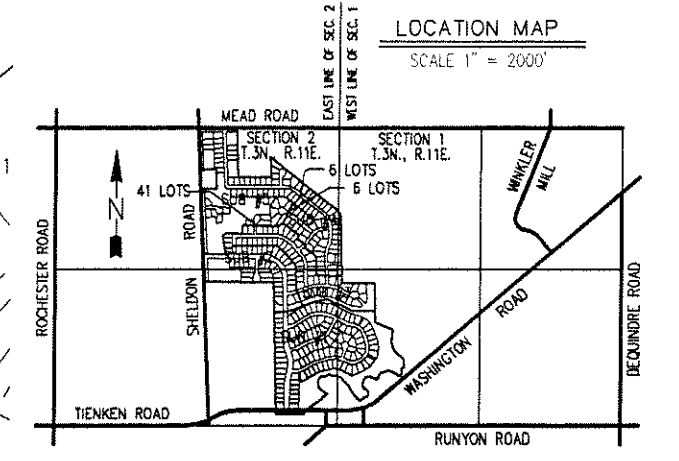
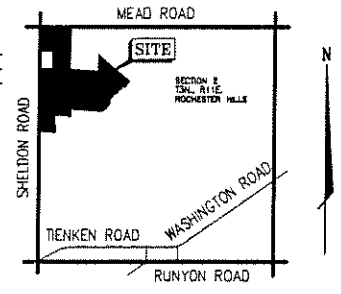
PHASING PLAN

NORTH 1/4 COR SECTION 2 T. 3N., R.11E.



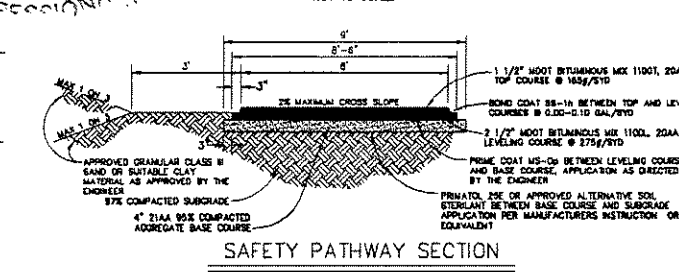
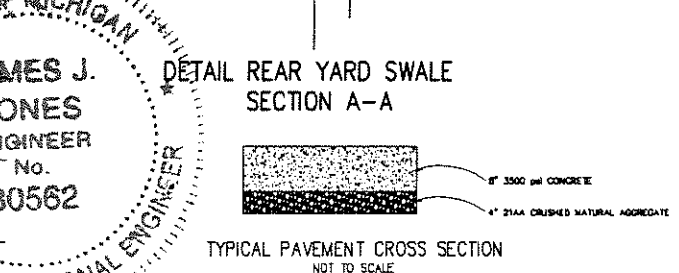
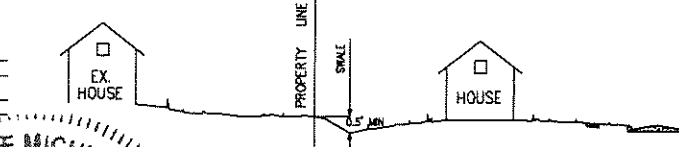


- LEGEND**
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  - STD. PAYT. INLET - 2' SUMP
  - DATE VALVE IN WELL
  - EXISTING HYDRANT
  - PROPOSED HYDRANT



ALL PROPOSED GRADES WILL MATCH EX. ELEVS. 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.



STATE OF MICHIGAN  
**JAMES J. JONES**  
ENGINEER  
No. 30562  
LICENSED PROFESSIONAL ENGINEER

REV: 12-12-2007 per reviews c.i.s.  
REV: 10-12-2007 per reviews j.d.p.  
REV: 6-26-2007 per asti j.d.p.  
REV: 2-13-2007 j.d.p.

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DATE 07-20-06 SCALE 1" = 100'  
DRAWN BY AP / JZ SHEET 4 OF 25  
CHECKED BY JCW DRAWING PS-05-799

NOTE: PLOT LINES ON MEAD ROAD SHALL BE LOCATED FROM SCALE FOR ALL WORK IN THE MEAD ROAD RIGHT-OF-WAY.

NORTH 1/4 COR SECTION 2, T. 3N., R. 11E.

NOTE: MEAD ROAD AND SHELDON ROAD DRAINAGE IMPROVEMENTS WILL BE DESIGNED IN CONJUNCTION WITH PLANNED CITY/COUNTY IMPROVEMENTS.

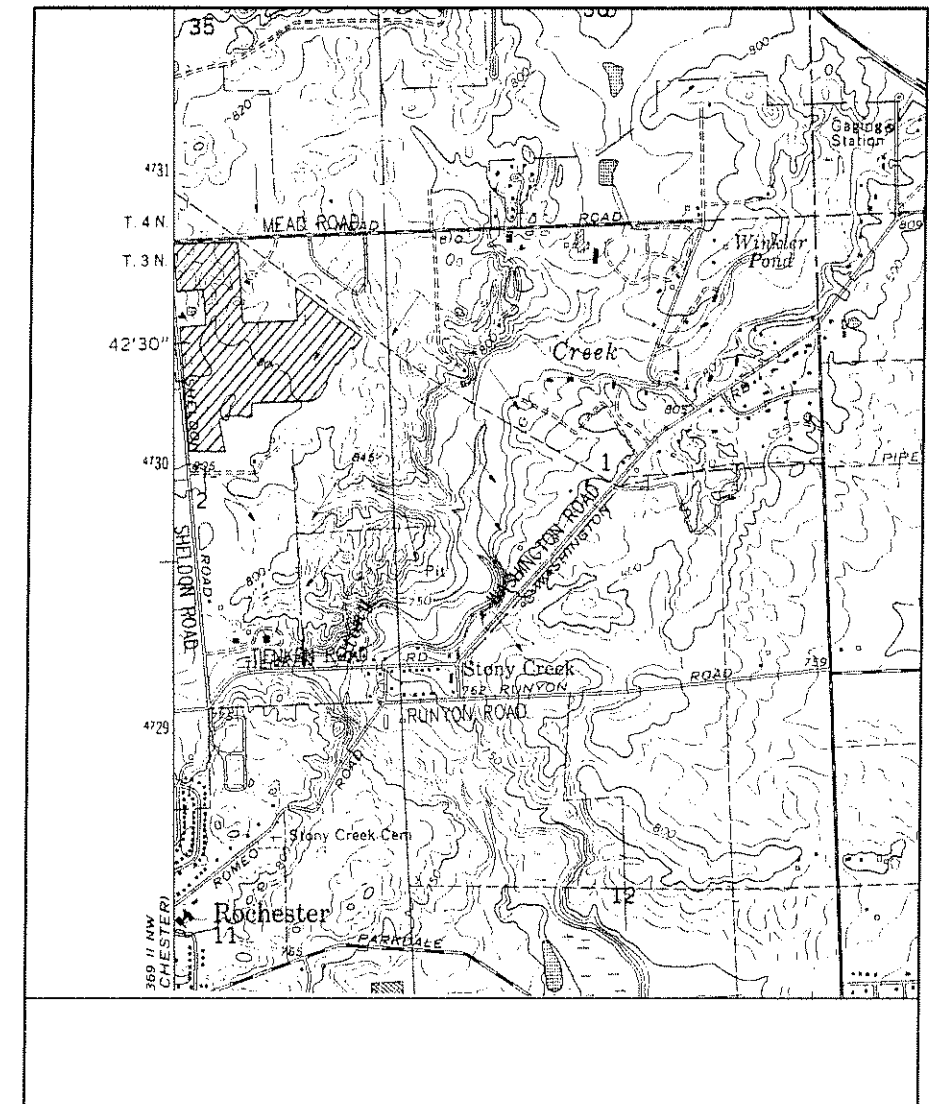
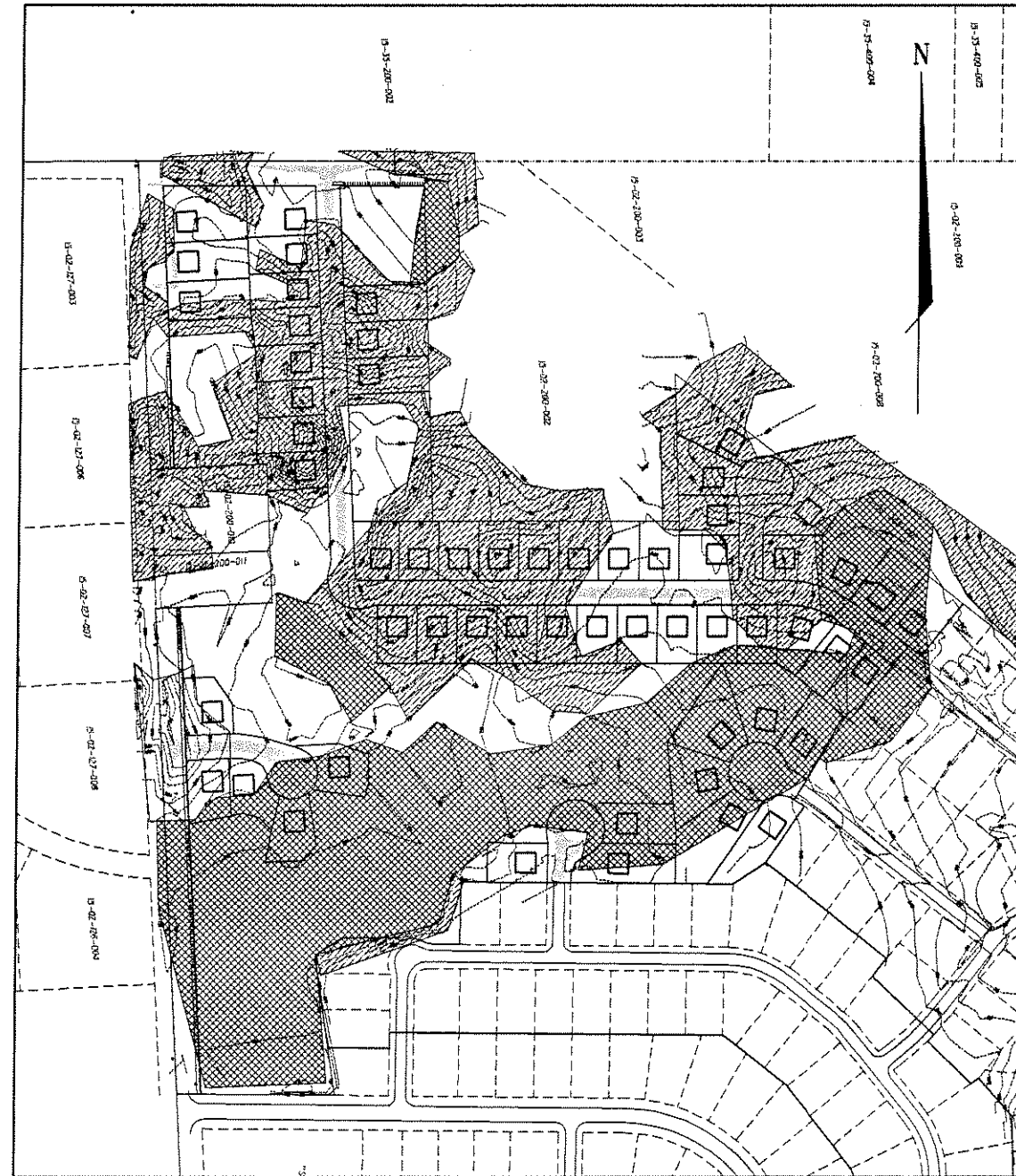
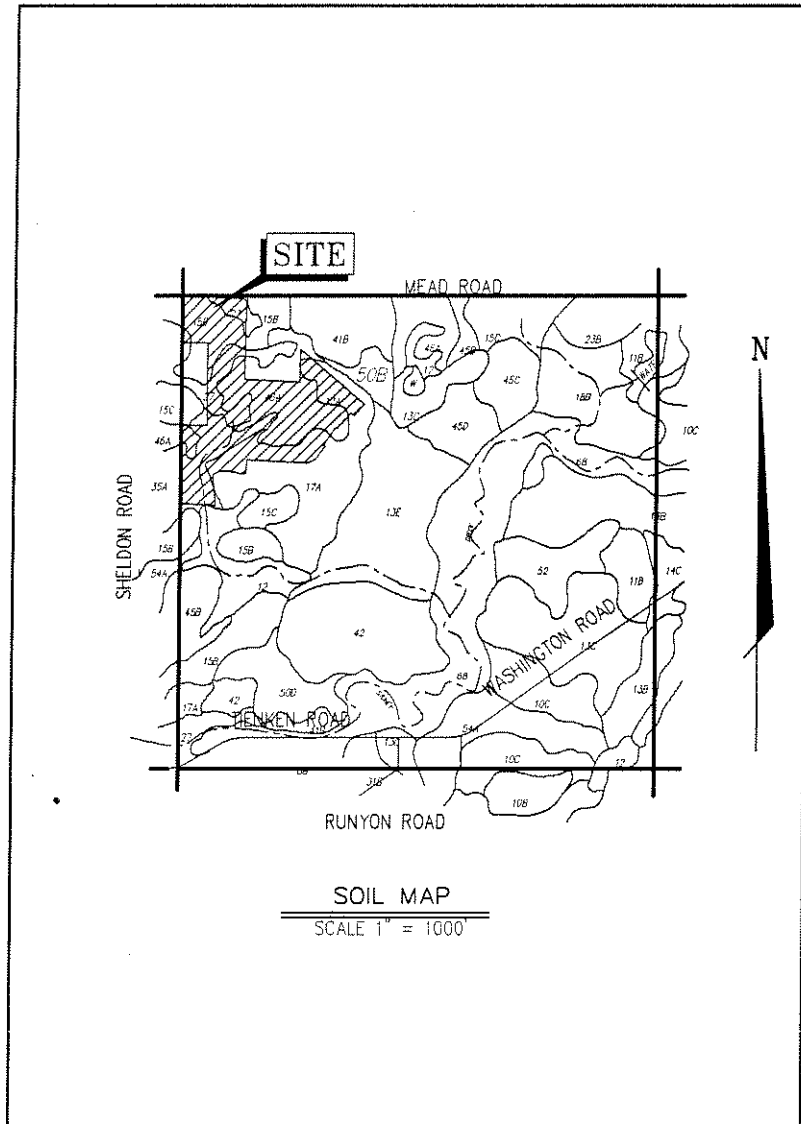
NOTE: ALL SANITARY SEWER WILL BE DESIGNED IN CONJUNCTION WITH CITY STANDARDS.

NOTE: ALL STORM SEWER WILL BE DESIGNED IN CONJUNCTION WITH CITY STANDARDS.

NOTE: ALL PAVING/GRADING WILL BE DESIGNED IN CONJUNCTION WITH CITY STANDARDS.

NOTE: NOT TO BE USED AS CONSTRUCTION DRAWINGS. CITY FILE #89-156.5

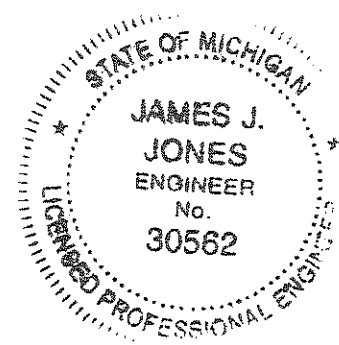
UTILITY/GRADING PLAN



- Soil Survey Legend**
- 10B - Marlette sandy loam, 1 to 6 percent slope
  - 10C - Marlette sandy loam, 6 to 12 percent slope
  - 11B - Capac sandy loam, 0 to 4 percent slopes
  - 12 - Brookston and Coldwood loams
  - 13B - Oaklawn-Oyster loamy sand, 0 to 8 percent slopes
  - 13C - Oaklawn-Oyster loamy sand, 6 to 12 percent slopes
  - 13E - Oaklawn-Oyster loamy sand, 12 to 18 percent slopes
  - 14C - Onville fine sand, 6 to 18 percent slopes
  - 15B - Spruce loamy sand, 0 to 6 percent slopes
  - 15C - Spruce loamy sand, 6 to 12 percent slopes
  - 17A - Wasp sandy loam, 0 to 3 percent slopes
  - 18B - Fox sandy loam, 1 to 6 percent slopes
  - 25B - Stoen fine sandy loam, 1 to 6 percent slopes
  - 27 - Houghton and Adair mucks
  - 31B - Melon loamy fine sand, 0 to 3 percent slopes
  - 35A - Theford loamy fine sand, 0 to 3 percent slopes
  - 41B - Agawis, sandy and loamy sandstone
  - 42 - Ffs
  - 45B - Airport loamy fine sand, 2 to 6 percent slopes
  - 45D - Airport loamy fine sand, 6 to 12 percent slopes
  - 45E - Airport loamy fine sand, 12 to 25 percent slopes
  - 46A - Gilebo loamy fine sand, 0 to 3 percent slopes
  - 50D - Unimproved, rolling to steep
  - 52A - Silt/clay loamy sand, 0 to 3 percent slopes
  - 54A - Methuen sandy loam, 0 to 3 percent slopes
  - 68 - Detbeck - for association

**WATERSHED MAP (USGS)**

SCALE 1" = 1000'



**JF ASSOCIATES, INC.**

Civil Engineering and Surveying

44444 Maund Road, Suite 100  
Sterling Heights, Michigan 48314  
Telephone (586) 726-9111  
Fax (586) 726-9112

**FORMERLY MCS ASSOCIATES, INC.**

CLEAR CREEK SUB. No. 5

PART OF THE N.E. 1/4 OF SECTION 07, T.3N., R.11E, CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

DATE 07-20-06 SCALE AS NOTED

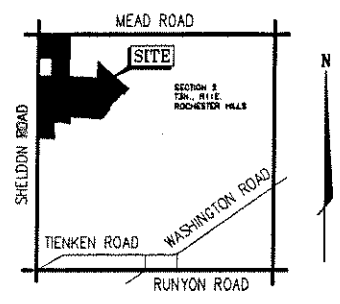
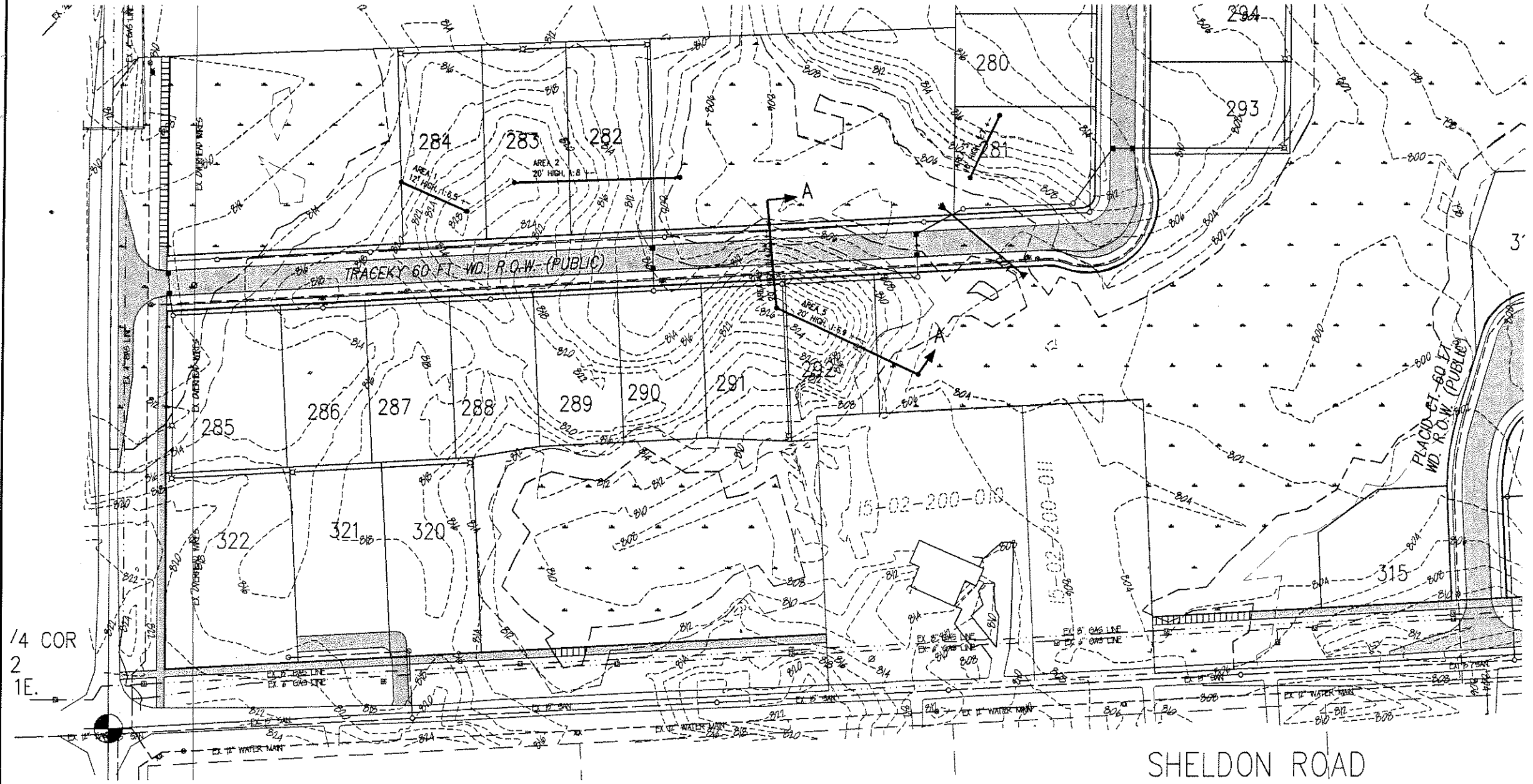
DRAWN BY AP / JZ SHEET 5 OF 25

CHECKED BY JCW DRAWING PS-05-799

NOTE: NOT TO BE USED AS CONSTRUCTION DRAWINGS.

CITY FILE #89-156.5

REV: 12-12-2007 per reviews c.t.s.  
REV: 10-12-2007 per reviews j.d.p.  
REV: 6-28-2007 per ash j.d.p.  
REV: 2-13-2007 j.d.p.



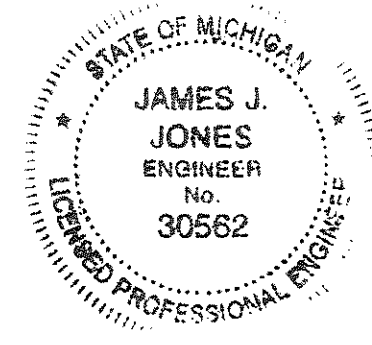
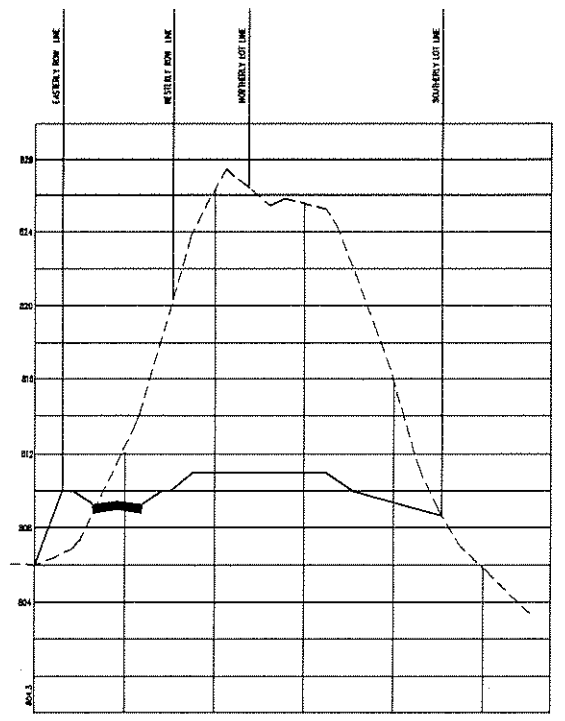
LOCATION MAP  
SCALE 1" = 2000'

NOTE:  
SEVERAL AREAS WITHIN THE PROJECT HAVE BEEN IDENTIFIED AS POSSIBLE AREAS OF STEEP SLOPE CONCERN. AS SHOWN IN THE TABLE BELOW ONLY ONE HILL QUALIFIES AS A STEEP SLOPE PER ORDINANCE REQUIREMENTS. CROSS SECTIONS OF THE AREAS INDICATE THAT THEY ARE ALL ISOLATED HILLS/MOUNDS THAT CAN BE READILY GRADED IN ACCORDANCE WITH ACCEPTABLE ENGINEERING PRACTICES WITHOUT IMPACTING ADJACENT AREAS. THE RESHAPING OF THE HILLS/MOUNDS WILL ELIMINATE EXISTING EROSION, ENHANCE DRAINAGE AND PROVIDE GREATER PROTECTION OF THE ADJACENT AREAS AS A RESULT OF A DECREASE IN STORM WATER RUN-OFF, GULLY EROSION AND SLOPE FAILURE. THE PRESENCE OF HILLS/MOUNDS AS OPPOSED TO EMBANKMENTS ALLOWS REGRADING TO BE DONE WITHOUT IMPACTING SURROUNDING AREAS.

AREA	HEIGHT	SLOPE	QUALIFIES UNDER STEEP SLOPE REQUIREMENTS
1	12	1:6.5±	NO
2	20	1:8±	NO
3	10	1:7±	NO
4	20	1:4.25±	YES
5	20	1:6.9±	NO

1/4 COR  
2  
1E.

SHELDON ROAD



REV: 12-12-2007 per reviews c.l.s.  
REV: 10-12-2007 per reviews j.d.p.  
REV: 6-28-2007 per gati j.d.p.  
REV: 2-13-2007 j.d.p.

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**FORMERLY MCS ASSOCIATES, INC.**

CLEAR CREEK SUB. No. 5  
PART OF THE N.E. 1/4 OF SECTION 02, T.3N. R.11E. CITY OF ROCHESTER HILLS OAKLAND COUNTY, MICHIGAN

DATE 07-20-06 SCALE 1"=60'  
DRAWN BY AP / JZ SHEET 6 OF 25  
CHECKED BY JCW DRAWING PS-05-799

NOTE: NOT TO BE USED AS CONSTRUCTION DRAWINGS. CITY FILE #89-156.5

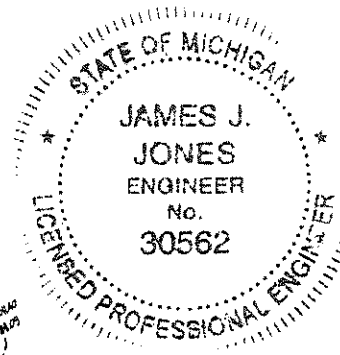
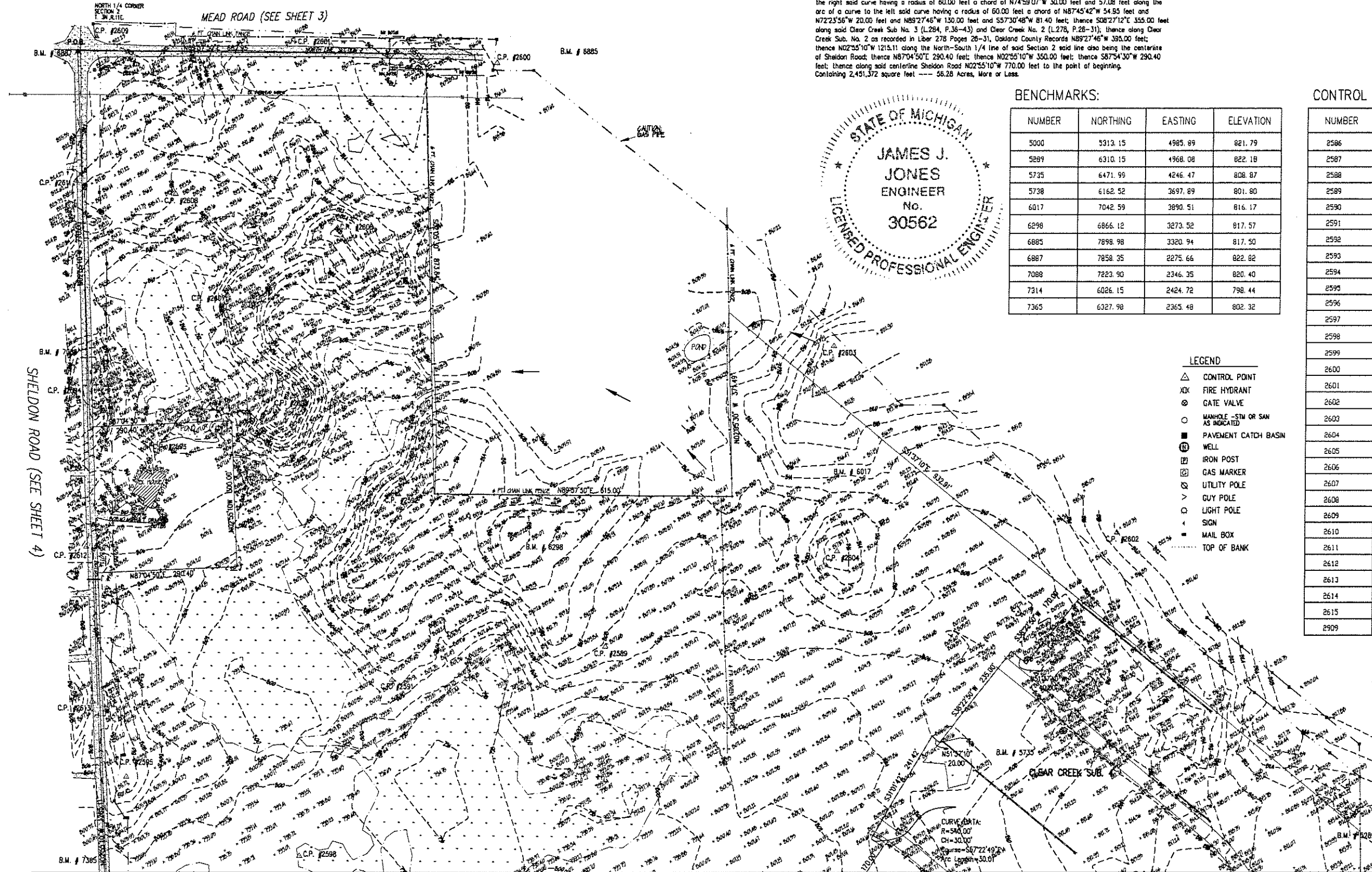
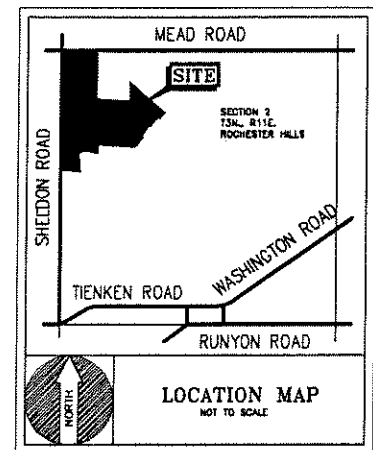
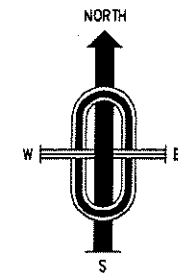
STEEP SLOPE ANALYSIS



# "CLEAR CREEK SUB. NO. 5"

PART OF THE NE 1/4 OF SECTION 2,  
T. 3N., R. 11E., ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN.

LEGAL DESCRIPTION: (Proposed "Clear Creek No. 5")  
Part of the Northeast 1/4 of Section 2, T.3N., R.11E., City of Rochester Hills, Oakland County, Michigan described as follows: Beginning at the North 1/4 corner of said Section 2, thence N89°57'50"E 682.95 feet along the North line of said Section 2 said line also being the centerline of Mead Road; thence S51°37'10"E 42.08 feet; thence S02°05'30"E 873.84 feet; thence N89°57'50"E 615.00 feet; thence N02°05'30"W 371.49 feet; thence S51°37'10"E 932.91 feet; thence the following seven (7) courses along proposed Clear Creek Sub. No. 4 S38°22'50"W 170.00 feet and N31°37'10"W 40.00 feet and S38°22'50"W 235.00 feet and N51°37'10"W 20.00 feet and S31°01'42"W 241.42 feet and 30.00 feet along the arc of a curve to the right said curve having a radius of 540.00 feet a chord of S57°22'49"E 30.00 feet and S34°12'42"W 170.01 feet; thence the following nine (9) courses along Clear Creek Sub. No. 3 as recorded in Liber 284, Pages 36-43, Oakland County Records S55°52'44"W 97.44 feet and N89°27'46"W 880.00 feet and S00°32'14"W 160.00 feet and N89°27'46"W 61.87 feet and 30.32 feet along the arc of a curve to the right said curve having a radius of 60.00 feet a chord of N74°59'07"W 30.00 feet and 57.08 feet along the arc of a curve to the left said curve having a radius of 60.00 feet a chord of N87°45'42"W 54.95 feet and N72°23'56"W 20.00 feet and N89°27'46"W 130.00 feet and S57°30'48"W 81.40 feet; thence S08°27'12"E 355.00 feet along said Clear Creek Sub. No. 3 (L.284, P.36-43) and Clear Creek No. 2 (L.278, P.28-31); thence along Clear Creek Sub. No. 2 as recorded in Liber 278 Pages 28-31, Oakland County Records N89°27'46"W 395.00 feet; thence N02°55'10"W 1215.11 along the North-South 1/4 line of said Section 2 said line also being the centerline of Sheldon Road; thence N87°04'50"E 290.40 feet; thence N02°55'10"W 350.00 feet; thence S87°54'30"W 290.40 feet; thence along said centerline Sheldon Road N02°55'10"W 770.00 feet to the point of beginning. Containing 2,451,372 square feet --- 56.28 Acres, More or Less.



**BENCHMARKS:**

NUMBER	NORTHING	EASTING	ELEVATION
5000	5313.15	4985.89	821.79
5289	6310.15	4968.08	822.18
5735	6471.99	4246.47	808.87
5738	6162.52	3697.89	801.80
6017	7042.59	3890.51	816.17
6296	6866.12	3273.52	817.57
6885	7898.98	3320.94	817.50
6887	7858.35	2275.66	822.82
7088	7823.90	2346.35	820.40
7314	6026.15	2424.72	798.44
7365	6327.98	2365.48	802.32

**CONTROL POINTS:**

NUMBER	NORTHING	EASTING	ELEVATION
2586	6105.48	4571.63	819.33
2587	4999.35	4992.63	817.27
2588	6063.72	3364.94	801.76
2589	6670.20	3408.47	807.76
2590	5525.15	2462.21	796.18
2591	6599.23	2969.47	804.32
2592	6981.88	2975.86	817.32
2593	7087.87	2493.31	806.35
2594	7198.41	2376.22	815.83
2595	6399.72	2425.67	811.69
2596	6130.13	2443.49	798.70
2597	6077.32	2672.08	796.75
2598	6243.86	2782.26	797.98
2599	6624.18	2401.94	806.92
2600	7865.34	3163.79	816.09
2601	7898.71	2820.82	812.19
2602	6913.62	4459.38	820.20
2603	7290.04	3868.55	824.14
2604	6870.56	3881.49	818.35
2605	7179.46	2754.56	827.57
2606	7521.01	2841.02	828.24
2607	7380.35	2618.39	821.43
2608	7588.21	2507.75	819.60
2609	7912.33	2340.46	822.56
2610	7615.16	2303.60	818.88
2611	7615.16	2303.60	819.93
2612	6867.42	2337.03	807.52
2613	6550.22	2354.38	807.01
2614	6165.44	2374.46	800.13
2615	6138.98	2367.75	799.78
2909	7912.33	2340.46	822.56

**LEGEND**

- △ CONTROL POINT
- XX FIRE HYDRANT
- ⊙ GATE VALVE
- MANHOLE - STM OR SAN AS INDICATED
- PAVEMENT CATCH BASIN
- ⊞ WELL
- ⊞ IRON POST
- ⊞ GAS MARKER
- ⊞ UTILITY POLE
- > GUY POLE
- LIGHT POLE
- SIGN
- MAIL BOX
- TOP OF BANK

NOTE: NOT TO BE USED AS CONSTRUCTION DRAWINGS



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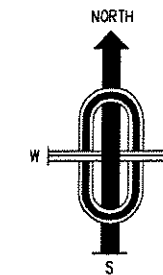
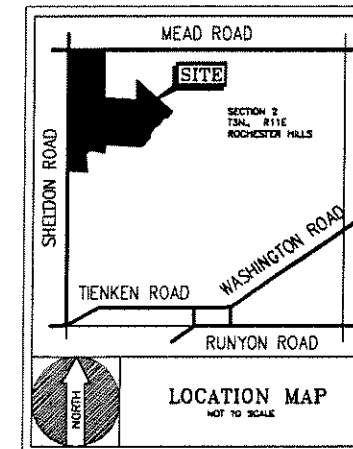
DATE 07-20-06 SCALE 1" = 100'  
DRAWN BY AP / JZ SHEET 7 OF 25  
CHECKED BY JCW DRAWING PS-05-799

TOPOGRAPHIC SURVEY

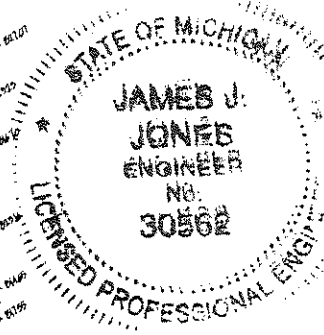
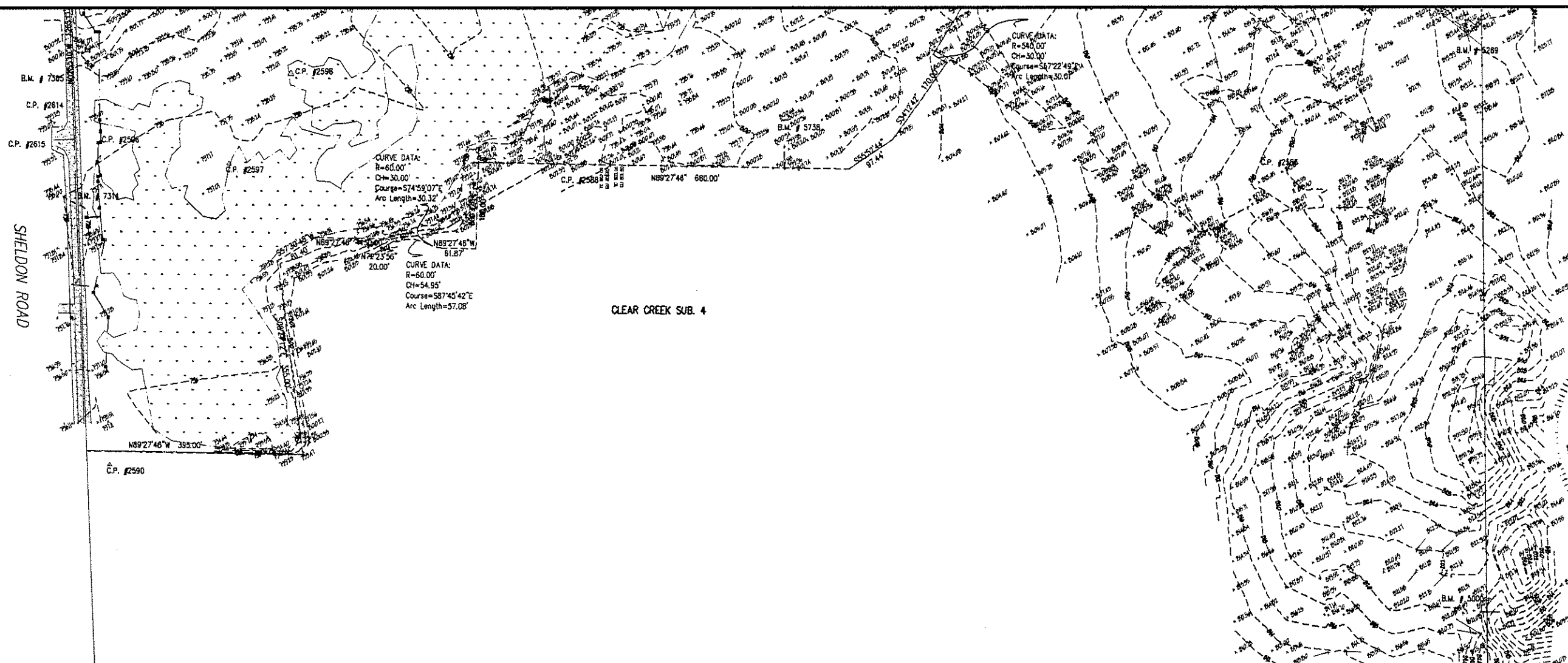
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MATCH LINE A-A

CITY FILE #RQ-156 5



MATCH LINE A-A



NOTE:  
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**BENCHMARKS:**

NUMBER	NORTHING	EASTING	ELEVATION
5000	5313.15	4985.89	821.79
5289	6310.15	4968.08	822.18
5735	6471.99	4246.47	808.87
5738	6162.52	3697.89	801.80
6017	7042.59	3890.51	816.17
6298	6866.12	3273.52	817.57
6885	7898.98	3320.94	817.50
6887	7858.35	2275.66	822.82
7088	7223.90	2346.35	820.40
7314	6026.15	2424.72	798.44
7365	6327.98	2365.48	802.32

**BENCHMARK DESCRIPTION:**

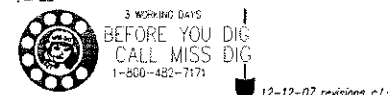
EX. BENCHMARK - HYDRANT ON LOT 140  
ELEV. 803.17  
BENCHMARK #5000 - MAG NAIL IN THE WEST FACE 11" BLACK WALNUT, TAG #714  
ELEV. 821.79  
BENCHMARK #5289 - MAG NAIL IN THE SOUTHWEST FACE 5" ASH  
ELEV. 822.18  
BENCHMARK #5735 - MAG NAIL IN THE EAST FACE TWIN 6&7" ASH  
ELEV. 808.87  
BENCHMARK #5738 - MAG NAIL IN THE SOUTHWEST FACE 11" ASH, TAG # 291  
ELEV. 801.80  
BENCHMARK #6017 - VERTICAL MAG NAIL IN THE SOUTH BASE 11" ELM, TAG #1827  
ELEV. 816.17  
BENCHMARK #6298 - MAG NAIL IN THE SOUTH FACE 13" ELM, TAG # 240  
ELEV. 817.57  
BENCHMARK #6885 - PK IN THE SOUTH FACE 28" COTTONWOOD  
ELEV. 817.50  
BENCHMARK #6887 - TOP OF BOLT IN THE EAST FACE UTILITY POLE, SOUTHWEST  
CORNER OF MEAD ROAD AND SHELDON ROAD  
ELEV. 822.82  
BENCHMARK #7088 - PK IN THE WEST FACE 34" OAK, TAG #307  
ELEV. 820.40  
BENCHMARK #7314 - PK IN THE EAST FACE 12" ELM, TAG #1287  
ELEV. 798.44  
BENCHMARK #7365 - MAG NAIL IN THE EAST FACE 10" ASH  
ELEV. 802.32

**LEGAL DESCRIPTION:** (Proposed "Clear Creek No. 5")

Part of the Northeast 1/4 of Section 2, T.3N, R.11E, City of Rochester Hills, Oakland County, Michigan described as follows: Beginning at the North 1/4 corner of said Section 2, thence N89°57'50"E 682.95 feet along the North line of said Section 2 said line also being the centerline of Mead Road; thence S51°37'10"E 42.08 feet; thence S02°05'30"E 873.84 feet; thence N89°57'50"E 615.00 feet; thence N02°05'30"W 371.49 feet; thence S51°37'10"E 932.91 feet; thence the following seven (7) courses along proposed Clear Creek Sub. No. 4 S38°22'50"W 170.00 feet and N51°37'10"W 40.00 feet and S38°22'50"W 235.00 feet and N51°37'10"W 20.00 feet and S31°01'42"W 241.42 feet and 30.00 feet along the arc of a curve to the right said curve having a radius of 540.00 feet a chord of S57°22'49"E 30.00 feet and S34°12'42"W 170.01 feet; thence the following nine (9) courses along Clear Creek Sub. No. 3 as recorded in Liber 284, Pages 36-43, Oakland County Records S55°32'44"W 97.44 feet and N89°27'46"W 680.00 feet and S00°32'14"W 180.00 feet and N89°27'46"W 61.87 feet and 30.32 feet along the arc of a curve to the right said curve having a radius of 60.00 feet a chord of N74°59'07"W 30.00 feet and 57.08 feet along the arc of a curve to the left said curve having a radius of 60.00 feet a chord of N87°45'42"W 54.95 feet and N72°23'56"W 20.00 feet and N89°27'46"W 130.00 feet and S57°30'48"W 81.40 feet; thence S08°27'12"E 355.00 feet along said Clear Creek Sub. No. 3 (L.284, P.36-43) and Clear Creek No. 2 (L.278, P.26-31); thence along Clear Creek Sub. No. 2 as recorded in Liber 278 Pages 26-31, Oakland County Records N89°27'46"W 395.00 feet; thence N02°55'10"W 1215.11 along the North-South 1/4 line of said Section 2 said line also being the centerline of Sheldon Road; thence N87°04'50"E 290.40 feet; thence N02°55'10"W 350.00 feet; thence S87°54'30"W 290.40 feet; thence along said centerline Sheldon Road N02°55'10"W 770.00 feet to the point of beginning. Containing 2,451,372 square feet --- 56.28 Acres, More or Less.

**LEGEND**

- △ CONTROL POINT
- ⊗ FIRE HYDRANT
- ⊙ GATE VALVE
- MANHOLE - STM OR SAN AS INDICATED
- PAVEMENT CATCH BASIN
- ⊕ WELL
- ⊞ IRON POST
- ⊞ GAS MARKER
- ⊞ UTILITY POLE
- > GUY POLE
- LIGHT POLE
- ⊙ SIGN
- ⊞ MAIL BOX
- ..... TOP OF BANK



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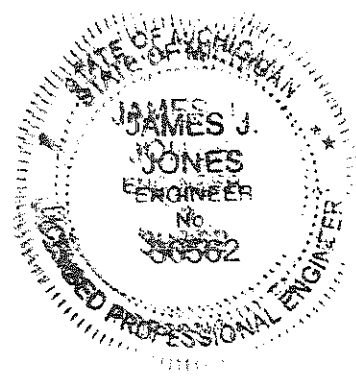
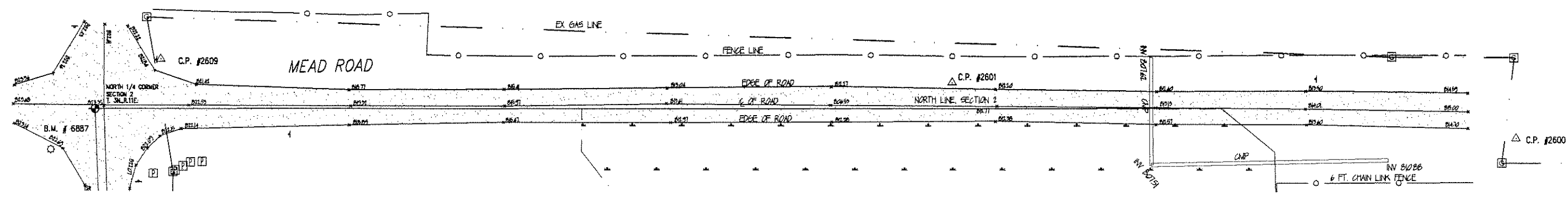
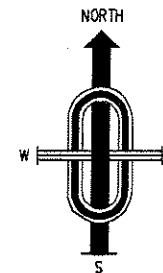
**FORMERLY MCS ASSOCIATES, INC.**

CLEAR CREEK SUB. No. 5  
PART OF THE N.E. 1/4 OF SECTION 02, T.3N, R.11E, CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

DATE 07-20-06 SCALE 1" = 100'  
DRAWN BY AP / JZ SHEET 8 OF 25  
CHECKED BY JCW DRAWING PS-05-799

CITY FILE #89-156.5  
TOPOGRAPHIC SURVEY





NOTE:  
NOT TO BE USED AS CONSTRUCTION DRAWINGS.

**BENCHMARKS:**

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**BENCHMARK DESCRIPTION:**  
 EX. BENCHMARK - HYDRANT ON LOT 140  
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 ELEV. 816.17  
 BENCHMARK #6298 - MAG NAIL IN THE SOUTH FACE 13" ELM, TAG # 240  
 ELEV. 817.57  
 BENCHMARK #6885 - PK IN THE SOUTH FACE 28" COTTONWOOD  
 ELEV. 817.50  
 BENCHMARK #6887 - TOP OF BOLT IN THE EAST FACE UTILITY POLE, SOUTHWEST CORNER OF MEAD ROAD AND SHELDON ROAD  
 ELEV. 822.82  
 BENCHMARK #7088 - PK IN THE WEST FACE 34" OAK, TAG #307  
 ELEV. 820.40  
 BENCHMARK #7314 - PK IN THE EAST FACE 12" ELM, TAG #1287  
 ELEV. 798.44  
 BENCHMARK #7365 - MAG NAIL IN THE EAST FACE 10" ASH

**LEGAL DESCRIPTION:** (Proposed "Clear Creek No. 5")  
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- LEGEND**
- △ CONTROL POINT
  - ⊗ FIRE HYDRANT
  - ⊙ GATE VALVE
  - MANHOLE - STM OR SAN AS INDICATED
  - PAVEMENT CATCH BASIN
  - ⊞ WELL
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 Civil Engineering and Surveying

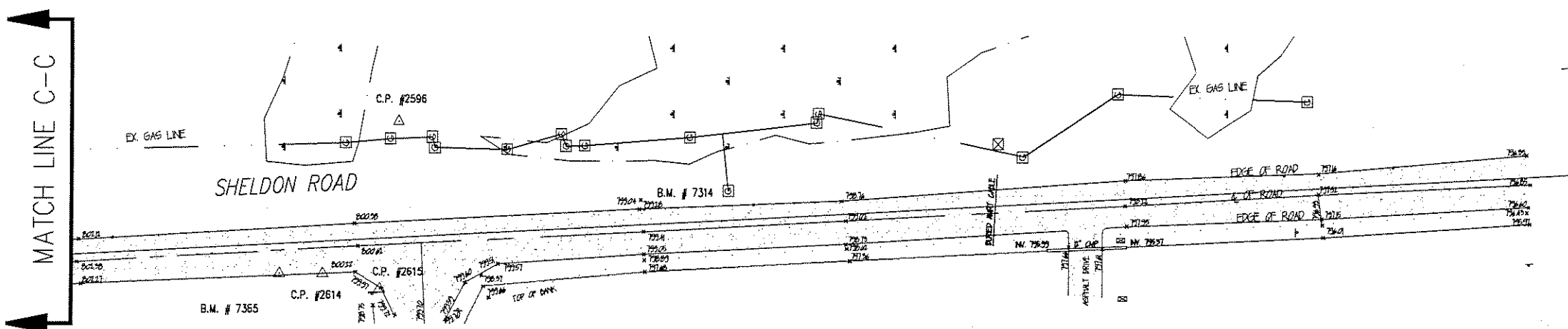
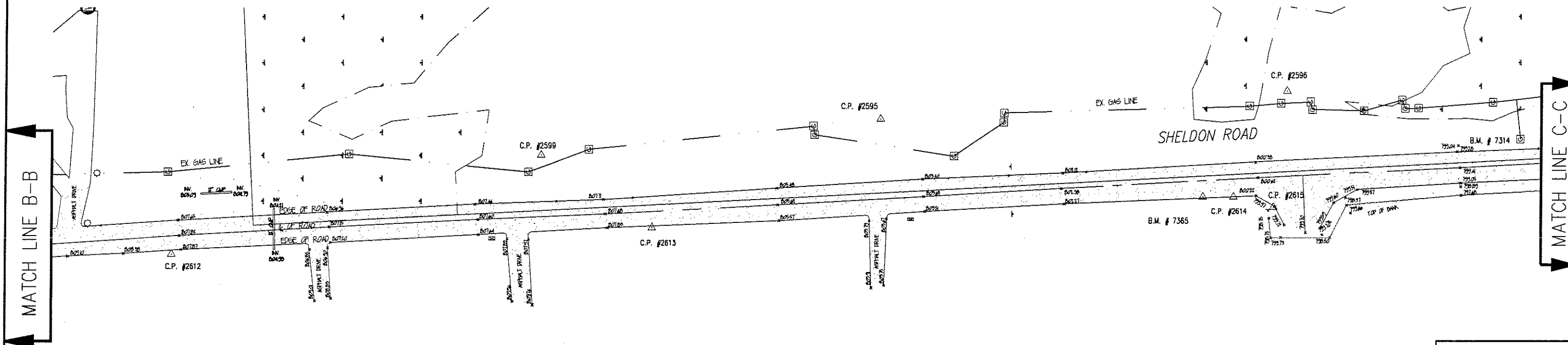
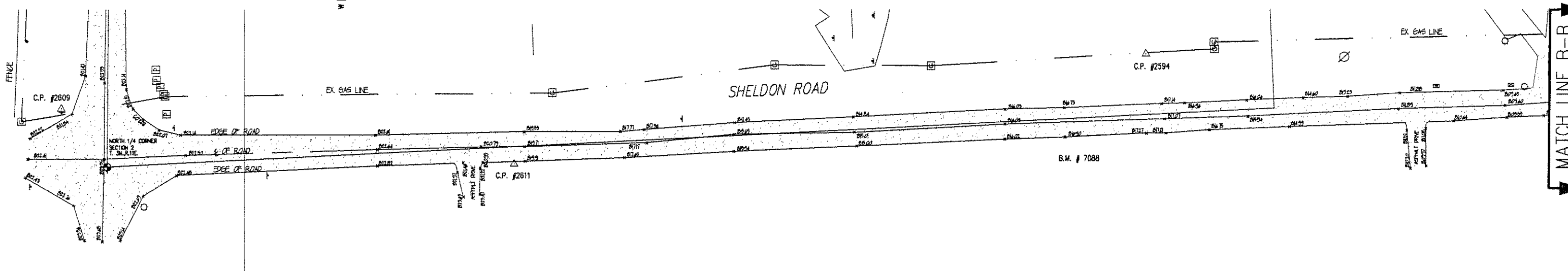
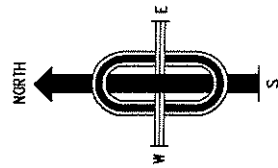
44444 Mound Road, Suite 100  
 Sterling Heights, Michigan 48314  
 Telephone (586) 726-9111  
 Fax (586) 726-9112

**FORMERLY MCS ASSOCIATES, INC.**

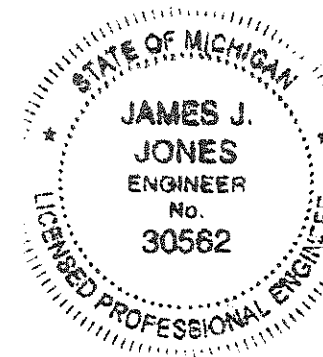
CLEAR CREEK SUB. No. 5  
 PART OF THE N.E. 1/4 OF SECTION 02, T.3N., R.11E., CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

DATE 07-20-06 SCALE 1" = 30'  
 DRAWN BY AP / JZ SHEET 9 OF 25  
 CHECKED BY JCW DRAWING PS-05-799

MEAD ROAD TOPOGRAPHY



NOTE:  
NOT TO BE USED AS CONSTRUCTION DRAWINGS.



3 WORKING DAYS  
BEFORE YOU DIG  
CALL MISS DIG  
1-800-482-7171  
12-12-07 revisions c.l.s.

**J ASSOCIATES, INC.**  
Civil Engineering and Surveying

44444 Mound Road, Suite 100  
Stirling Heights, Michigan 48314  
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Fax (586) 726-9112

FORMERLY  
**MCS**  
ASSOCIATES, INC.

CLEAR CREEK SUB. No. 5  
PART OF THE N.E. 1/4 OF  
SECTION 02, T. 34 N., R. 11 E.  
CITY OF ROCHESTER HILLS  
OAKLAND COUNTY, MICHIGAN

DATE 07-20-06	SCALE 1" = 30'
DRAWN BY AP / JZ	SHEET 10 OF 25
CHECKED BY JCW	DRAWING PS-05-799

CITY FILE #89-156.5

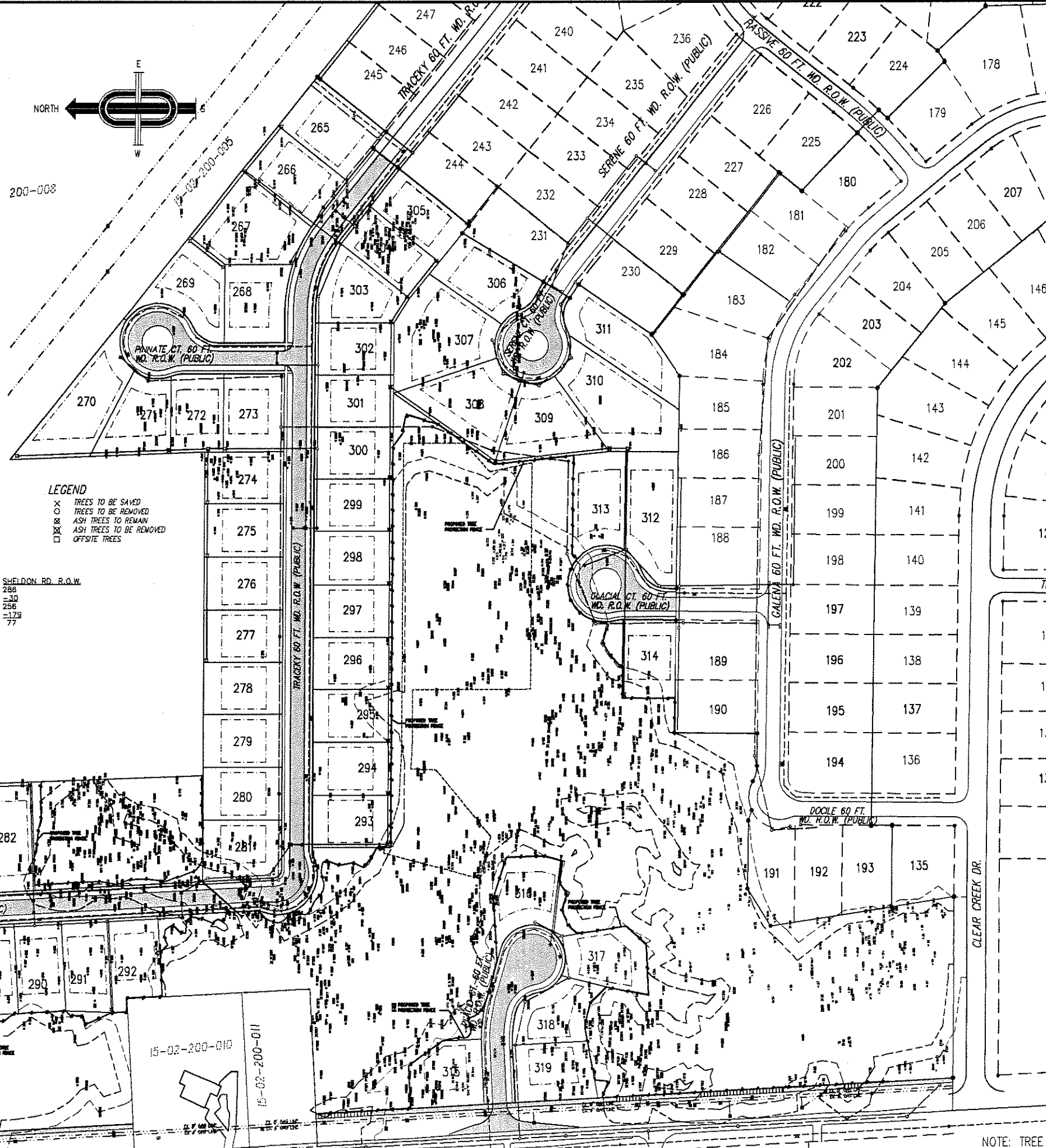
SHELDON ROAD TOPOGRAPHY

**TREE PROTECTION NOTES**

- The tree protection fencing (TPF) shall be erected per the plans approved by the City of Rochester Hills Planning Department. The TPF must be in place and inspected by the City of Rochester Hills Landscape Architect prior to the start of any earthwork or construction operations. It is the developer's responsibility to contact the City Planning Department at 1-248-656-4660 to schedule a TPF inspection. The TPF shall remain in place throughout the entire construction process or until the City authorizes the removal or issues a final Certificate of Occupancy whichever occurs first.
- Upon completion of grading and the installation of the infrastructure a second inspection of the TPF and the trees designated for preservation is required by the City of Rochester Hills Landscape Architect prior to the start of any additional construction. It is the developer's responsibility to contact the City Planning Department at 1-248-656-4660 to schedule this TPF inspection.
- Upon completion of all construction and prior to the removal of the TPF the City of Rochester Hills Landscape Architect must inspect all trees designated to be preserved. The Landscape Performance Band will not be released until this inspection is complete and all related issues are resolved. It is the developer's responsibility to contact the City Planning Department at 1-248-656-4660 to schedule this inspection.
- A final inspection by the City of Rochester Hills Landscape Architect is required at the end of the warranty and maintenance period. The Landscape Maintenance Band will not be released until this inspection is complete and all related issues are resolved. It is the developer's responsibility to contact the City Planning Department at 1-248-656-4660 to schedule this inspection.
- The Tree Conservation Ordinance prohibits any construction or development activities within the drip line of all regulated trees not approved for removal, including but not limited to land clearing, grubbing, trenching, grading or filling. No person shall place any solvents, building material, construction equipment, soil deposits, harmful materials within the drip line limit of trees designated for preservation.
- Proposed grades are to match the existing elevations outside the limits of the TPF. No grading either cut or fill is permitted within the drip line of any tree designated for preservation.
- During the construction process no person shall attach any device or wire/cable/cord/rope to an existing tree designated to be preserved.
- All utility service requests must include notification to the installer that protected trees must be avoided. All trenching shall occur outside the TPF.
- Swales shall be routed to avoid the area within the drip line of any tree designated for preservation. Swales shall be constructed so as not to direct any additional flow into the drip line of a tree designated for preservation.
- If tree protection cannot be maintained for a tree throughout entire period required. The replacement of that tree will be required on an inch for inch basis prior to the issuance of the Certificate of Occupancy.
- Regulated trees located off-site on adjacent properties that may be affected by construction operations must be protected as here.
- The TPF shall consist of 4 feet high orange snow fencing to be installed around the drip line of all trees designated to be saved. This fencing shall be supported by 6 foot metal T-bar posts 5 feet on center and driven a minimum of 24" into ground. The TPF fencing shall remain upright and securely in place for the required time as specified above.

Prior approval is required to plant any tree or shrub on the public right-of-way. All trees and shrubs must be planted at least 10' from the edge of the public road. Shade trees and shrubs must be planted at least 5' from the edge of the public roadway. Evergreen and ornamental trees must be planted at least 10' from the edge of the public roadway. No trees or shrubs may be planted within the triangular area formed at the intersection of any street right-of-way lines at a distance along each line of 25' from their point of intersection with a public roadway at a distance along each line of 15' from their point of intersection. All trees and shrubs must be planted at least 10' from any fire hydrant. Shade and evergreen trees must be at least 15' away from the nearest overhead wire. Trees must be planted a minimum of 5' from an underground utility, unless the city's landscape Architect requires a greater distance.

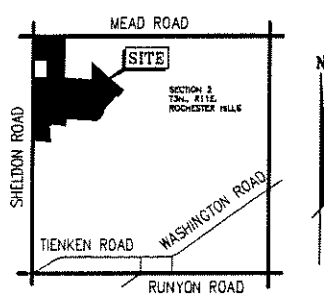
Prior to the release of the performance bond, the City of Rochester Hills Forestry Division needs to inspect all trees existing or planted, to identify any that pose a hazard to the safe use of the public right-of-way. Forestry may require the developer to remove, and possibly replace, any such trees.



- LEGEND**
- X TREES TO BE SAVED
  - O TREES TO BE REMOVED
  - ⊗ ASH TREES TO REMAIN
  - ⊗ ASH TREES TO BE REMOVED
  - OFFSITE TREES

**TOTAL TREES SURVEYED**

TREES SURVEYED	ONSITE	SHELDON RD. R.O.W.
MINUS ASH TREES	1858	286
TOTAL REGULATED TREES	1159	258
MINUS TREE TO BE SAVED	-591	-179
PROPOSED TREES TO BE REMOVED	568	77
<b>TOTAL NUMBER OF TREES TO BE CLASSIFIED AS REMOVALS</b>	<b>588 + 77 = 665</b>	
<b>TOTAL OF 770 OR 55% OF THE EXISTING REGULATED TREES ARE TO BE SAVED.</b>		

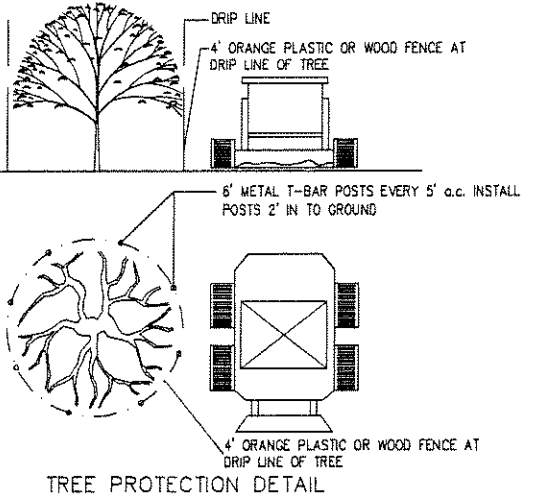


**LOCATION MAP**  
SCALE 1" = 2000'

- NOTES:**
- INDIVIDUAL TREES TO REMAIN WILL BE IDENTIFIED BY YELLOW FLAGGING AROUND THE BASE OF THE TREE AND WILL BE PROTECTED BY SNOW FENCE AT THE DRIP LINE.
  - GROUPS OF TREES SHALL BE PROTECTED BY SNOW FENCING PLACED AROUND THE ENTIRE GROUP OF TREES IN LIEU OF INDIVIDUAL TREES.
  - THE INDIVIDUAL BUILDER SHALL BE RESPONSIBLE FOR PROTECTING TREES TO BE SAVED ON THE LOT DURING HOME CONSTRUCTION.
  - PROPOSED TOP OF CURB ELEVATIONS WILL BE DESIGNED TO MATCH EXISTING GROUND AS CLOSE AS POSSIBLE. PROPOSED FINISH GRADE OF HOUSES WILL BE APPROXIMATELY 2 TO 3 FEET ABOVE EXISTING GROUND.
  - TREE PROTECTIVE FENCING IS REQUIRED TO BE PLACED AT THE DRIP LINE OF TREES LOCATED ON ADJACENT PROPERTIES BEFORE ANY ACTIVITY OCCURS ON THE SITE.
  - TREE PROTECTION FENCING WILL NEED TO BE INSTALLED, INSPECTED AND APPROVED BY THE CITY OF ROCHESTER HILLS LANDSCAPE ARCHITECT.

4' HIGH SNOW FENCE TO BE INSTALLED AROUND DRIP LINE OF TREES TO BE SAVED PRIOR TO ANY LAND CLEARING OR CONSTRUCTION

NO CUTTING, FILLING OR TRESPASSING SHALL OCCUR INSIDE FENCED AREAS WITHOUT APPROVAL



NOTE: GOLD TREES TO BE SAVED.

EXISTING "SHELDON F" (PRIVATE)

STATE OF MICHIGAN

**JAMES J. JONES**  
ENGINEER  
No. 30562

LICENSED PROFESSIONAL ENGINEER

**J ASSOCIATES, INC.**  
Civil Engineering and Surveying

44444 Mound Road, Suite 100  
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Telephone (586) 726-9111  
Fax (586) 726-9112

**MCS**  
FORMERLY J ASSOCIATES, INC.

CLEAR CREEK SUB. No. 5  
PART OF THE N.E. 1/4 OF SECTION 02, T.3N., R.11E., CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

NOTE: TREE SURVEY AND IDENTIFICATION PERFORMED BY KING AND MACGREGOR ENVIRONMENTAL INC.

NOTE: NOT TO BE USED AS CONSTRUCTION DRAWINGS.

CITY FILE #89-156.5

DATE 07-20-06 SCALE 1" = 100'  
DRAWN BY AP / JZ SHEET 11 OF 25  
CHECKED BY JCW DRAWING PS-05-799

NORTH 1/4 COR SECTION 2 T. 3N., R. 11E.

SEE SHEET 15 FOR SHELDON ROAD R.O.W. TREES

SHELDON ROAD

TREE PRESERVATION PLAN



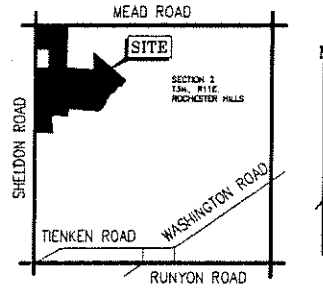
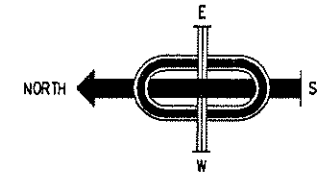


15-02-200-002

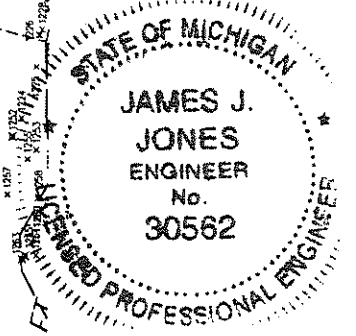
15-02-200-010

15-02-200-011

CAUTION  
26" GAS PIPE



LOCATION MAP  
SCALE 1" = 2000'



- LEGEND
- TREES TO BE SAVED
  - ⊗ TREES TO BE REMOVED
  - ⊕ ASH TREES TO REMAIN
  - TREES TO BE REMOVED OFF-SITE

REV: 12-12-2007 per reviews c.i.s.  
REV: 10-12-2007 per reviews j.d.p.  
REV: 8-28-2007 per ash i.d.p.  
REV: 2-13-2007 i.d.p.

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CLEAR CREEK SUB. No. 5  
PART OF THE N.E. 1/4 OF SECTION 32, T.34N., R.11E., CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

DATE 07-20-06 SCALE 1" = 50'  
DRAWN BY AP / JZ SHEET 12 OF 25  
CHECKED BY JCW DRAWING PS-05-799

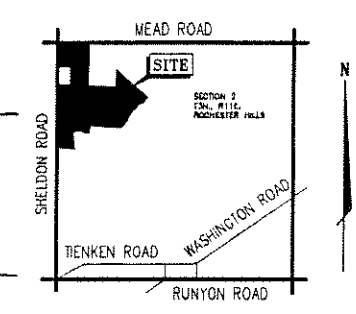
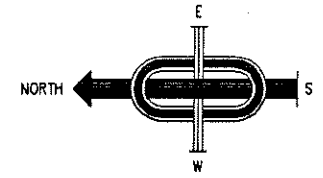
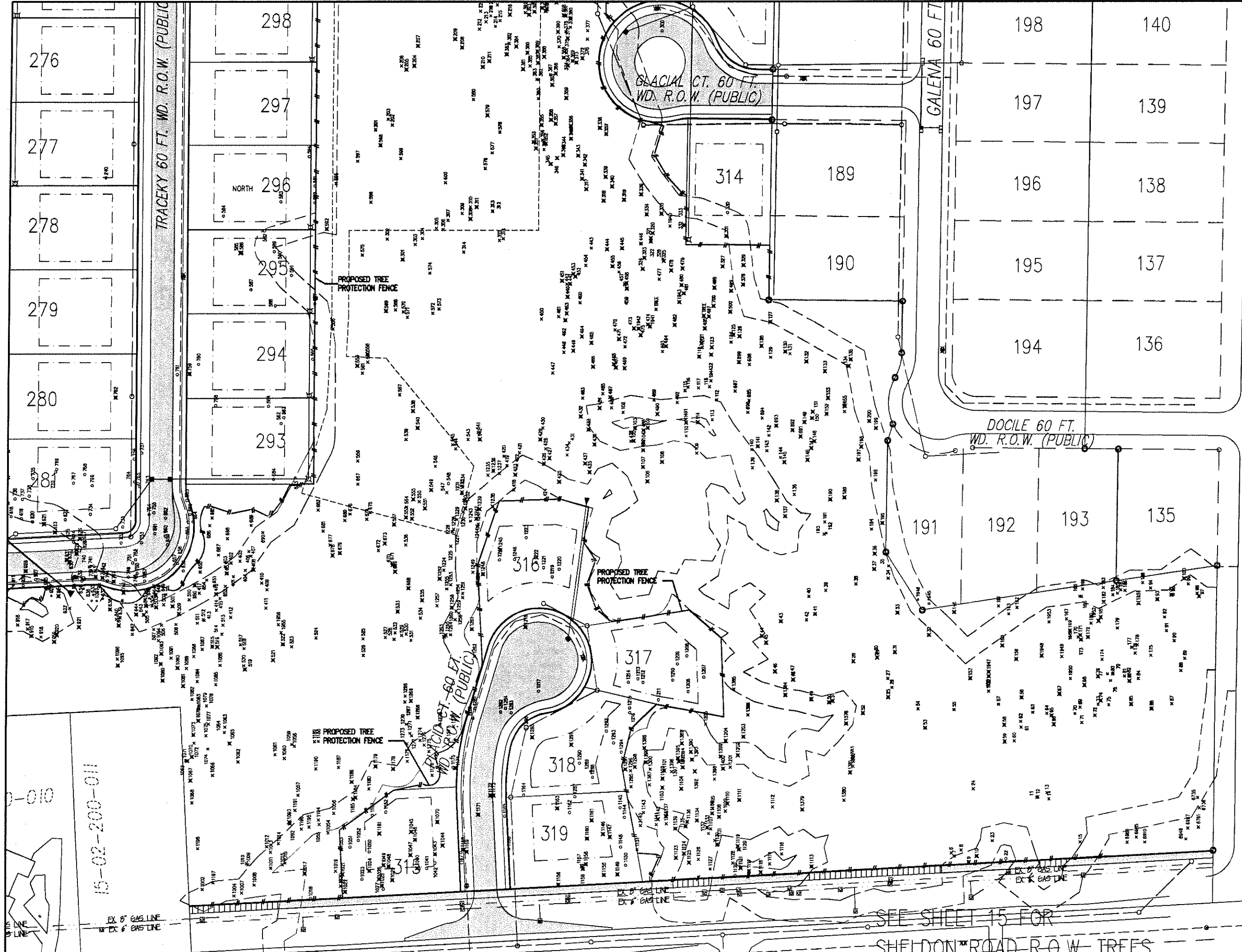
1/4 COR  
2  
11E.

SEE SHEET 15 FOR  
SHELDON ROAD R.O.W. TREES

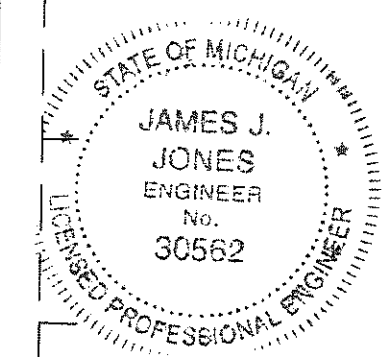
SHELDON ROAD

NOTE: NOT TO BE USED AS CONSTRUCTION DRAWINGS. CITY FILE #89-156.5

TREE PRESERVATION PLAN



LOCATION MAP  
SCALE 1" = 2000'



- LEGEND
- X TREES TO BE SAVED
  - TREES TO BE REMOVED
  - ⊗ ASH TREES TO REMAIN
  - ⊗ ASH TREES TO BE REMOVED
  - OFFSITE TREES

NOTE:  
NOT TO BE USED AS CONSTRUCTION DRAWINGS.

REV: 12-12-2007 per reviews c.l.s.  
REV: 10-12-2007 per reviews j.d.p.  
REV: 6-28-2007 per asti j.d.p.  
REV: 2-13-2007 l.d.p.

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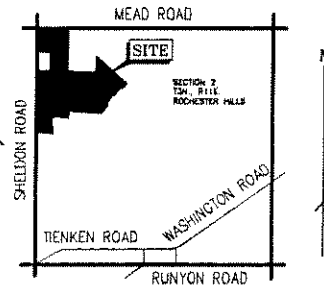
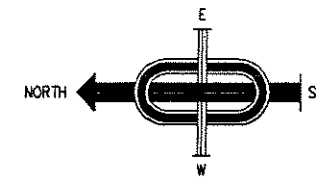
CLEAR CREEK SUB. No. 5  
PART OF THE N.E. 1/4 OF  
SECTION 02, T.3N., R.11E,  
CITY OF ROCHESTER HILLS,  
OAKLAND COUNTY, MICHIGAN

DATE 07-20-06	SCALE 1" = 50'
DRAWN BY AP / JZ	SHEET 13 OF 25
CHECKED BY JCW	DRAWING PS-05-799

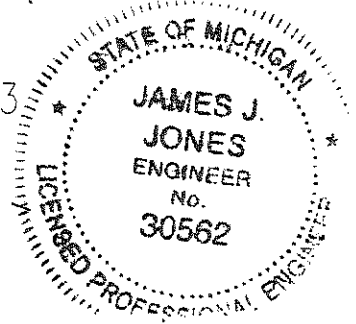
TREE PRESERVATION PLAN

CITY FILE #89-156.5

15-02-200-008



LOCATION MAP  
SCALE 1" = 2000'



- LEGEND**
- X TREES TO BE SAVED
  - ○ TREES TO BE REMOVED
  - ○ ○ ASH TREES TO REMAIN
  - ○ ○ ASH TREES TO BE REMOVED
  - OFFSITE TREES

NOTE:  
NOT TO BE USED AS CONSTRUCTION DRAWINGS.

REV: 12-12-2007 per reviews c.i.s.  
REV: 10-12-2007 per reviews j.d.p.  
REV: 6-28-2007 per asti j.d.p.  
REV: 2-13-2007 j.d.p.

**J ASSOCIATES, INC.**  
Civil Engineering and Surveying

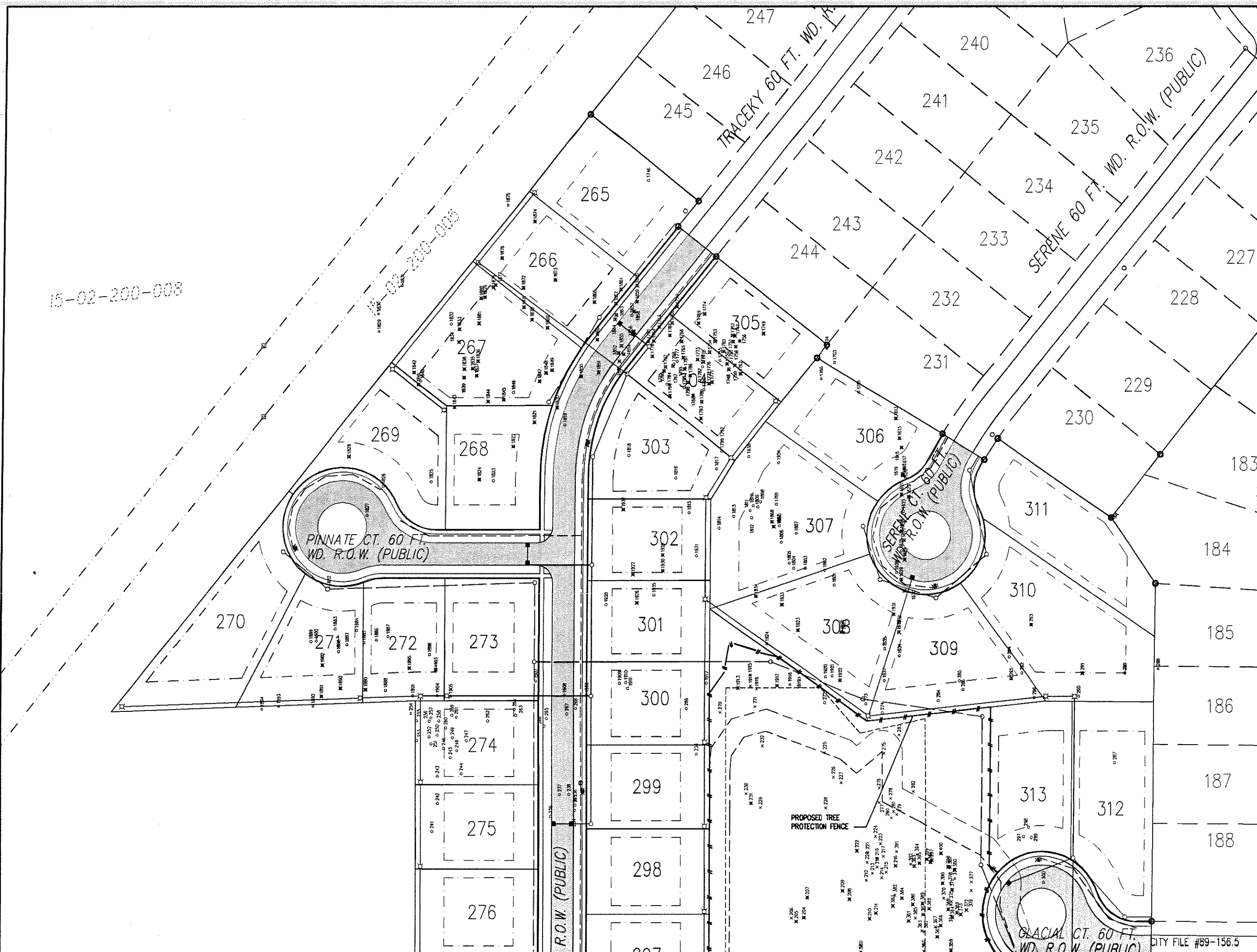
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CLEAR CREEK SUB. No. 5  
PART OF THE N.E. 1/4 OF SECTION 02, T.3N. R.11E. CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

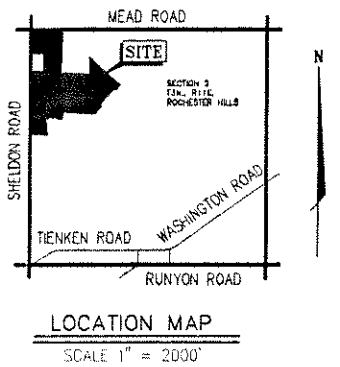
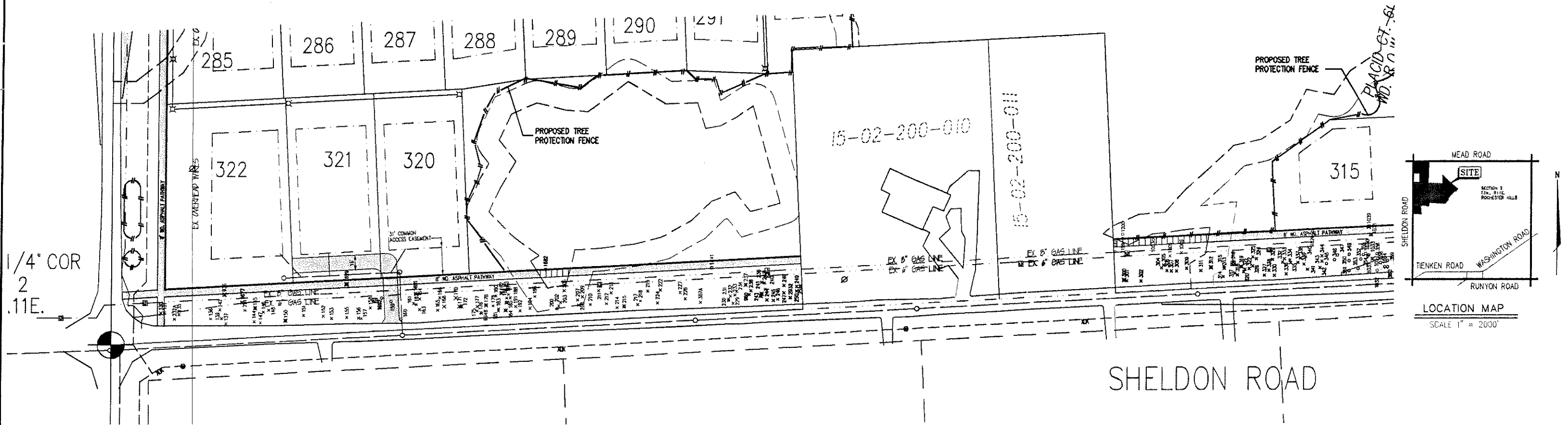
DATE 07-20-06 SCALE 1" = 50'  
DRAWN BY AP / JZ SHEET 14 OF 25  
CHECKED BY JCW DRAWING PS-05-799

TREE PRESERVATION PLAN



CITY FILE #89-156.5

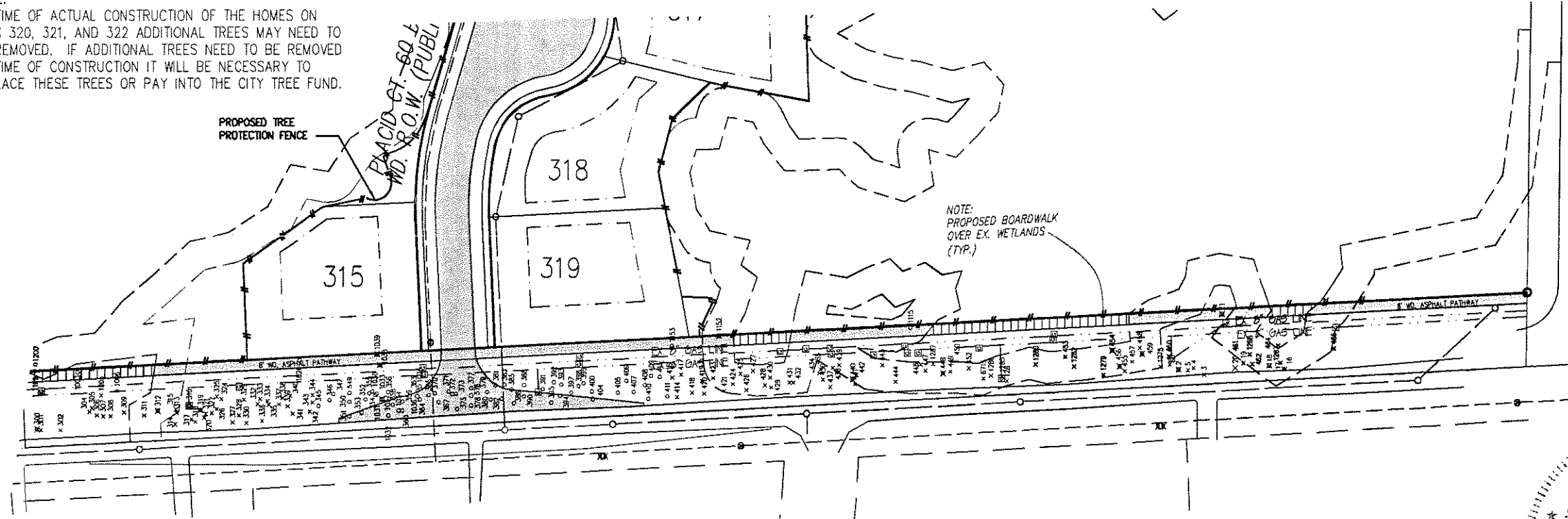




1/4° COR  
2  
11E.

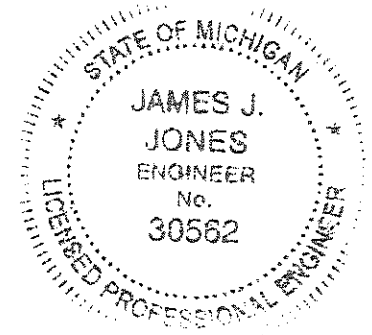
NOTE:  
AT TIME OF ACTUAL CONSTRUCTION OF THE HOMES ON LOTS 320, 321, AND 322 ADDITIONAL TREES MAY NEED TO BE REMOVED. IF ADDITIONAL TREES NEED TO BE REMOVED AT TIME OF CONSTRUCTION IT WILL BE NECESSARY TO REPLACE THESE TREES OR PAY INTO THE CITY TREE FUND.

NOTE:  
SHELDON ROAD R.O.W. TREE SURVEY PROVIDED FROM HRC PLAN No. 20020608.



- LEGEND
- X TREES TO BE SAVED
  - X TREES TO BE REMOVED
  - ⊗ ASH TREES TO REMAIN
  - ⊗ ASH TREES TO BE REMOVED
  - OFFSITE TREES

NOTE:  
NOT TO BE USED AS CONSTRUCTION DRAWINGS.



REV: 12-12-2007 per reviews c.l.a.  
REV: 10-12-2007 per reviews j.d.p.  
REV: 6-28-2007 per asti j.d.p.  
REV: 2-13-2007 j.d.p.

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CLEAR CREEK SUB. No. 5  
PART OF THE N.E. 1/4 OF SECTION 02, T.3N, R.11E, CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

DATE 07-20-06 SCALE 1" = 50'  
DRAWN BY AP / JZ SHEET 15 OF 25  
CHECKED BY JCW DRAWING PS-05-799

SHELDON ROAD

Tag No.	Scientific Name	Common Name	D.B.H.	Condition	Orange Mark	Status
1	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
2	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
3	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
4	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
5	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
6	Ulmus americana	American Elm	7.2	Good		Preserve
7	Tilia americana	Basswood	7.1, 6.5	Good		Preserve
8	Tilia americana	Basswood	9.3, 7.4	Good		Preserve
9	Fraxinus americana	White Ash	6.6	Good		Ash/To Remove
10	Fraxinus americana	White Ash	7.0	Good		Ash/To Remove
11	Populus tremuloides	Quaking Aspen	7.9	Good		Preserve
12	Populus tremuloides	Quaking Aspen	8.0	Good		Preserve
13	Populus deltoides	Cottonwood	8.0	Good		Preserve
14	Populus tremuloides	Quaking Aspen	7.6	Good		Preserve
15	Tilia americana	Basswood	6.1	Good		Preserve
16	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
17	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
18	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
19	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
20	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
21	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
22	Pinus sylvestris	Scotch Pine	7.3	Good		Remove
23	Pinus sylvestris	Scotch Pine	18.7	Good		Preserve
24	Populus tremuloides	Quaking Aspen	9.5	Good		Preserve
25	Fraxinus pennsylvanica	Red Ash	6.1	Good		Ash/To Remove
26	Quercus macrocarpa	Bur Oak	10.2	Good		Preserve
27	Quercus macrocarpa	Bur Oak	8.8	Good		Preserve
28	Fraxinus pennsylvanica	Red Ash	6.6	Fair		Ash/To Remove
29	Fraxinus pennsylvanica	Red Ash	12.4	Good		Ash/To Remove
30	Fraxinus pennsylvanica	Red Ash	10.1, 7.3	Good		Preserve
31	Fraxinus pennsylvanica	Red Ash	12.3	Good		Yes
32	Fraxinus pennsylvanica	Red Ash	8.0	Very Poor		Ash/To Remove
33	Fraxinus pennsylvanica	Red Ash	12.2	Fair		Yes
34	Prunus serotina	Black Cherry	13.8	Very Poor		Yes
35	Quercus macrocarpa	Bur Oak	14.3	Good		Yes
36	Fraxinus pennsylvanica	Red Ash	7.2	Fair		Yes
37	Fraxinus pennsylvanica	Red Ash	10.3	Fair		Yes
38	Salix alba	White Willow	30.5, 27.4, 20.6, 17.0, 16.3	Good		Preserve
39	Quercus macrocarpa	Bur Oak	10.0	Good		Preserve
40	Quercus macrocarpa	Bur Oak	11.3	Good		Preserve
41	Fraxinus pennsylvanica	Red Ash	13.0, 12.9	Good		Ash/To Remove
42	Ulmus americana	American Elm	9.6	Fair		Preserve
43	Fraxinus pennsylvanica	Red Ash	9.3	Good		Ash/To Remove
44	Fraxinus pennsylvanica	Red Ash	8.0	Good		Ash/To Remove
45	Fraxinus pennsylvanica	Red Ash	8.0	Good		Ash/To Remove
46	Fraxinus pennsylvanica	Red Ash	8.0	Good		Ash/To Remove
47	Ulmus americana	American Elm	8.3	Good		Preserve
48	Fraxinus pennsylvanica	Red Ash	8.3	Good		Ash/To Remove
49	Fraxinus pennsylvanica	Red Ash	15.0	Good		Ash/To Remove
50	Fraxinus pennsylvanica	Red Ash	7.9	Good		Ash/To Remove
51	Fraxinus pennsylvanica	Red Ash	10.1	Good		Ash/To Remove
52	Fraxinus pennsylvanica	Red Ash	12.5	Good		Ash/To Remove
53	Fraxinus pennsylvanica	Red Ash	6.3	Good		Ash/To Remove
54	Quercus macrocarpa	Bur Oak	8.1	Good		Preserve
55	Ulmus americana	American Elm	6.5	Good		Preserve
56	Fraxinus pennsylvanica	Red Ash	8.4	Good		Ash/To Remove
57	Ulmus americana	American Elm	7.1	Good		Preserve
58	Fraxinus pennsylvanica	Red Ash	11.7	Good		Ash/To Remove
59	Fraxinus pennsylvanica	Red Ash	8.0	Good		Ash/To Remove
60	Ulmus americana	American Elm	8.0	Good		Preserve
61	Ulmus americana	American Elm	9.8	Good		Preserve
62	Ulmus americana	American Elm	10.0	Good		Preserve
63	Quercus macrocarpa	Bur Oak	7.9	Good		Preserve
64	Quercus macrocarpa	Bur Oak	7.9	Good		Preserve
65	Fraxinus pennsylvanica	Red Ash	8.3	Good		Ash/To Remove
66	Fraxinus pennsylvanica	Red Ash	7.8	Good		Ash/To Remove
67	Fraxinus pennsylvanica	Red Ash	7.0	Good		Ash/To Remove
68	Fraxinus pennsylvanica	Red Ash	9.1	Good		Ash/To Remove
69	Quercus bicolor	Swamp White Oak	8.2	Good		Preserve
70	Ulmus americana	American Elm	6.0	Good		Preserve
71	Ulmus americana	American Elm	7.3	Good		Preserve
72	Ulmus americana	American Elm	7.7	Good		Preserve
73	Ulmus americana	American Elm	7.9	Good		Preserve
74	Fraxinus pennsylvanica	Red Ash	8.0	Good		Ash/To Remove
75	Ulmus americana	American Elm	6.6	Good		Preserve
76	Fraxinus pennsylvanica	Red Ash	6.1	Good		Ash/To Remove
77	Ulmus americana	American Elm	9.2	Good		Preserve
78	Ulmus americana	American Elm	8.7	Good		Preserve
79	Ulmus americana	American Elm	10.0	Good		Preserve
80	Ulmus americana	American Elm	6.6	Good		Preserve
81	Ulmus americana	American Elm	6.6	Good		Preserve
82	Ulmus americana	American Elm	7.8	Good		Preserve
83	Fraxinus pennsylvanica	Red Ash	9.1	Good		Ash/To Remove
84	Ulmus americana	American Elm	8.9	Good		Preserve
85	Fraxinus pennsylvanica	Red Ash	8.1	Good		Ash/To Remove
86	Fraxinus pennsylvanica	Red Ash	10.0	Good		Ash/To Remove
87	Ulmus americana	American Elm	6.5	Good		Preserve
88	Ulmus americana	American Elm	6.4	Good		Preserve
89	Salix nigra	Black Willow	9.0, 7.9, 6.7, 5.4	Good		Preserve
90	Salix nigra	Black Willow	12.0, 8.4	Good		Preserve
91	Salix nigra	Black Willow	12.2	Good		Preserve
92	Salix nigra	Black Willow	11.4, 8.7	Good		Preserve
93	Fraxinus pennsylvanica	Red Ash	7.5	Very Poor	Yes	Ash/To Remove
94	Carya ovata	Shagbark Hickory	35.5	Good		Preserve
95	Stuck to 84					
96	Tilia americana	Basswood	8.7	Good	Yes	Preserve
97	Fraxinus pennsylvanica	Red Ash	5.8	Good		Ash/To Remove
98	Salix nigra	Black Willow	8.3, 8.8	Good		Preserve
99	Ulmus americana	American Elm	6.1	Good		Preserve
100	Fraxinus pennsylvanica	Red Ash	8.4	Very Poor	Yes	Ash/To Remove
101	Fraxinus pennsylvanica	Red Ash	8.8, 8.0, 7.5	Good		Ash/To Remove
102	Ulmus americana	American Elm	16.4	Good		Preserve
103	Fraxinus pennsylvanica	Red Ash	9.8	Good		Ash/To Remove
104	Fraxinus pennsylvanica	Red Ash	7.7	Good		Ash/To Remove
105	Fraxinus pennsylvanica	Red Ash	10.0	Good		Ash/To Remove
106	Fraxinus pennsylvanica	Red Ash	12.0	Good		Ash/To Remove
107	Fraxinus pennsylvanica	Red Ash	8.5	Good		Ash/To Remove
108	Fraxinus pennsylvanica	Red Ash	7.3	Good		Ash/To Remove
109	Crataegus sp.	Hawthorn	6.5, 3.0	Good		Preserve
110	Prunus serotina	Black Cherry	12.2	Good		Preserve
111	Fraxinus pennsylvanica	Red Ash	10.2, 9.8	Good		Ash/To Remove
112	Salix fragilis	Crack Willow	21.3, 19.3, 16.7, 15.0, 14.4, 13.5, 11.5, 10.8	Good		Preserve
113	Ulmus americana	American Elm	10.9	Good		Preserve
114	Fraxinus pennsylvanica	Red Ash	11.2	Good		Ash/To Remove
115	Salix fragilis	Crack Willow	29.0, 15.6	Good		Preserve
116	Ulmus americana	American Elm	7.7	Good		Preserve
117	Ulmus americana	American Elm	9.2	Good		Preserve
118	Ulmus americana	American Elm	14.9	Good		Preserve
119	Fraxinus pennsylvanica	Red Ash	14.4	Very Poor		Ash/To Remove
120	Ulmus americana	American Elm	9.0	Good		Preserve
121	Fraxinus pennsylvanica	Red Ash	10.8	Good		Ash/To Remove
122	Fraxinus pennsylvanica	Red Ash	8.7, 7.5	Poor		Ash/To Remove
123	Fraxinus pennsylvanica	Red Ash	6.2	Very Poor		Ash/To Remove
124	Malus pumila	Apple	6.7	Good		Preserve
125	Fraxinus americana	White Ash	8.5	Good		Ash/To Remove
126	Fraxinus americana	White Ash	6.2	Good		Ash/To Remove

Tag No.	Scientific Name	Common Name	D.B.H.	Condition	Orange Mark	Status
127	Fraxinus americana	White Ash	8.0	Poor	Yes	Ash/To Remove
128	Fraxinus pennsylvanica	Red Ash	18.3	Very Poor	Yes	Ash/To Remove
129	Ulmus americana	American Elm	9.3	Fair	Yes	Preserve
130	Fraxinus pennsylvanica	Red Ash	10.0	Good		Ash/To Remove
131	Ulmus americana	American Elm	9.0	Very Poor		Preserve
132	Fraxinus pennsylvanica	Red Ash	7.2	Very Poor	Yes	Ash/To Remove
133	Fraxinus americana	White Ash	10.9	Good		Ash/To Remove
134	Fraxinus americana	White Ash	9.7	Good	Yes	Ash/To Remove
135	Fraxinus americana	White Ash	10.8	Very Poor	Yes	Ash/To Remove
136	Ulmus americana	American Elm	7.0	Very Poor		Preserve
137	Fraxinus americana	White Ash	12.6	Good		Ash/To Remove
138	Fraxinus americana	White Ash	15.6	Good		Ash/To Remove
139	Salix nigra	Black Willow	16.1	Good		Preserve
140	Carya ovata	Shagbark Hickory	19.1	Good		Preserve
141	Fraxinus pennsylvanica	Red Ash	9.8	Fair	Yes	Ash/To Remove
142	Ulmus americana	American Elm	9.9	Very Poor	Yes	Preserve
143	Prunus serotina	Black Cherry	9.9	Good	Yes	Preserve
144	Prunus serotina	Black Cherry	9.6	Fair	Yes	Preserve
145	Fraxinus pennsylvanica	Red Ash	11.9	Very Poor	Yes	Ash/To Remove
146	Fraxinus pennsylvanica	Red Ash	7.2	Very Poor	Yes	Ash/To Remove
147	Fraxinus pennsylvanica	Red Ash	10.3	Good	Yes	Ash/To Remove
148	Fraxinus pennsylvanica	Red Ash	7.2	Very Poor	Yes	Ash/To Remove
149	Fraxinus pennsylvanica	Red Ash	9.2	Good		Ash/To Remove
150	Fraxinus pennsylvanica	Red Ash	11.0	Poor	Yes	Ash/To Remove
151	Fraxinus pennsylvanica	Red Ash	9.3	Good		Ash/To Remove
152	Fraxinus pennsylvanica	Red Ash	7.8	Very Poor	Yes	Ash/To Remove
153	Fraxinus pennsylvanica	Red Ash	11.8, 10.7	Poor	Yes	Ash/To Remove
154	Malus pumila	Apple	8.7	Poor		Preserve
155	Fraxinus pennsylvanica	Red Ash	6.3	Poor		Ash/To Remove
156	Carya ovata	Shagbark Hickory	6.1	Good		Preserve
157	Fraxinus pennsylvanica	Red Ash	9.8	Very Poor	Yes	Ash/To Remove
158	Fraxinus pennsylvanica	Red Ash	8.3	Very Poor	Yes	Ash/To Remove
159	Fraxinus pennsylvanica	Red Ash	9.3	Very Poor	Yes	Ash/To Remove
160	Fraxinus pennsylvanica	Red Ash	7.9	Very Poor	Yes	Ash/To Remove
161	Ulmus americana	American Elm	9.7	Fair	Yes	Preserve
162	Ulmus americana	American Elm	6.4	Good		Preserve
163	Ulmus americana	American Elm	6.9	Very Poor		Preserve
164	Ulmus americana	American Elm	6.8	Fair		Preserve
165	Ulmus americana	American Elm	7.7	Good		Preserve
166	Fraxinus americana	White Ash	6.5	Fair	Yes	Preserve
167	Ulmus americana	American Elm	6.0, 6.0, 5.6	Very Poor		Preserve
168	Ulmus americana	American Elm	7.3	Good		Preserve
169	Fraxinus pennsylvanica	Red Ash	8.3	Very Poor	Yes	Ash/To Remove
170	Ulmus americana	American Elm	7.1	Good		Preserve
171	Fraxinus americana	White Ash	9.0	Very Poor	Yes	Ash/To Remove
172	Fraxinus americana	White Ash	9.4	Fair		Ash/To Remove
173	Fraxinus americana	White Ash	7.7	Very Poor		Ash/To Remove
174	Salix alba	White Willow	11.4	Good		Preserve
175	Ulmus americana	American Elm	10.4, 9.5	Good		Preserve
176	Ulmus americana	American Elm	11.0	Good		Preserve
177	Salix nigra	Black Willow	9.3	Good		Preserve
178	Salix nigra	Black Willow	10.0	Fair		Preserve
179	Ulmus americana	American Elm	10.1	Poor	Yes	Preserve
180	Prunus communis	Pear	24.0	Good		Preserve
181	Fraxinus pennsylvanica	Red Ash	7.9	Very Poor	Yes	Ash/To Remove
182	Fraxinus pennsylvanica	Red Ash	8.4	Very Poor	Yes	Ash/To Remove
183	Quercus macrocarpa	Bur Oak	10.1	Good		Preserve
184	Ulmus americana	American Elm	6.8	Very Poor	Yes	Preserve
185	Quercus coccinea	Scarlet Oak	8.7	Very Poor	Yes	Preserve
186	Quercus coccinea	Scarlet Oak	8.5	Fair	Yes	Preserve
187	Ulmus americana	American Elm	10.1, 7.7	Good		Preserve
188	Tilia americana	Basswood	9.8	Fair	Yes	Ash/To Remove
189	Fraxinus pennsylvanica	Red Ash	9.8	Good		Ash/To Remove
190	Fraxinus americana	White Ash	10.0	Good		Ash/To Remove
191	Ulmus americana	American Elm	10.7	Good		Preserve
192	Malus pumila	Apple	6.5	Very Poor		Preserve
193	Acer negundo	Box-elder	13.7	Very Poor		Preserve
194	Prunus serotina	Black Cherry	7.2	Fair	Yes	Preserve
195	Fraxinus americana	White Ash	10.6	Fair	Yes	Ash/To Remove
196	Malus pumila	Apple	10.9, 6.3	Fair		Preserve
197	Fraxinus pennsylvanica	Red Ash	11.3	Poor	Yes	Ash/To Remove
198	Fraxinus pennsylvanica	Red Ash	9.9, 8.1	Fair	Yes	Ash/To Remove
199	Fraxinus americana	White Ash	7.2	Very Poor	Yes	Ash/To Remove
200	Fraxinus pennsylvanica	Red Ash	14.3	Fair	Yes	Ash/To Remove
201	Ulmus americana	American Elm	9.8	Very Poor	Yes	Preserve
202	Ulmus americana	American Elm	7.5	Very Poor		Preserve
203	Prunus serotina	Black Cherry	6.2	Poor		Preserve
204	Fraxinus pennsylvanica	Red Ash	7.0	Good		Ash/To Remove
205	Fraxinus pennsylvanica	Red Ash	7.3	Good		Ash/To Remove
206	Ulmus americana	American Elm	7.8	Good		Preserve
207	Fraxinus pennsylvanica	Red Ash	9.5	Very Poor	Yes	Ash/To Remove
208	Fraxinus pennsylvanica	Red Ash	6.7	Very Poor	Yes	Ash/To Remove
209	Fraxinus pennsylvanica	Red Ash	6.5	Very Poor	Yes	Ash/To Remove
210	Fraxinus pennsylvanica	Red Ash	8.3	Good		Ash/To Remove
211	Fraxinus pennsylvanica	Red Ash	12.8</			



Tag No.	Scientific Name	Common Name	D.B.H.	Condition	Orange Mark	Status
483	Populus deltoides	Cottonwood	23.0	Good		Preserve
484	Fraxinus pennsylvanica	Red Ash	8.0	Good		Ash/To Remain
485	Ulmus americana	American Elm	7.0	Good		Preserve
486	Ulmus americana	American Elm	10.2	Good		Preserve
487	Fraxinus pennsylvanica	Red Ash	22.0	Fair		Ash/To Remain
488	Fraxinus pennsylvanica	Red Ash	10.0	Good		Ash/To Remain
489	Ulmus americana	American Elm	7.5	Good		Preserve
490	Fraxinus pennsylvanica	Red Ash	8.7, 7.3, 8.2	Good		Ash/To Remain
491	Ulmus americana	American Elm	7.1	Good		Preserve
492	Ulmus americana	American Elm	14.7	Good		Preserve
493	Ulmus americana	American Elm	16.1	Good		Ash/To Remain
494	Fraxinus americana	White Ash	8.9	Vary Poor	Yes	Ash/To Remain
495	Fraxinus americana	White Ash	13.7	Good		Ash/To Remain
496	Fraxinus americana	White Ash	11.8	Good		Ash/To Remain
497	Fraxinus americana	White Ash	10.6	Good	Yes	Ash/To Remain
498	Fraxinus americana	White Ash	8.7, 8.3	Good	Yes	Ash/To Remain
500	Fraxinus americana	White Ash	7.6	Good		Ash/To Remain
501	Fraxinus americana	White Ash	10.7	Good		Ash/To Remain
502	Ulmus americana	American Elm	7.2	Good		Preserve
503	Fraxinus americana	White Ash	16.1	Good		Ash/To Remain
504	Ulmus americana	American Elm	8.8	Good		Preserve
505	Prunus serotina	Black Cherry	13.5	Good		Preserve
506	Quercus bicolor	Swamp White Oak	9.2	Good		Preserve
507	Quercus bicolor	Swamp White Oak	10.2	Good		Preserve
508	Malus pumila	Apple	9.6, 5.1	Good		Preserve
509	Fraxinus pennsylvanica	Red Ash	9.8, 10.0	Good		Ash/To Remain
510	Tilia americana	Basewood	7.2, 6.1, 8.1	Good		Preserve
511	Quercus bicolor	Swamp White Oak	10.4	Good		Preserve
512	Ulmus americana	American Elm	12.2	Good		Preserve
513	Ulmus americana	American Elm	10.3	Vary Poor		Preserve
514	Tilia americana	Basewood	8.3, 8.2, 4.0	Good		Preserve
515	Fraxinus pennsylvanica	Red Ash	14.5	Good		Ash/To Remain
516	Fraxinus pennsylvanica	Red Ash	8.2	Good		Ash/To Remain
517	Salix alba	White Willow	24.3, 14.4	Good		Preserve
518	Salix alba	White Willow	14.2	Good		Preserve
519	Fraxinus pennsylvanica	Red Ash	7.0	Good		Ash/To Remain
520	Ulmus americana	American Elm	9.3	Good		Preserve
521	Fraxinus pennsylvanica	Red Ash	7.4, 7.4	Good		Ash/To Remain
522	Fraxinus pennsylvanica	Red Ash	8.8, 8.1	Good		Ash/To Remain
523	Salix alba	White Willow	22.0, 19.3, 18.1, 14.9	Good		Preserve
524	Salix alba	White Willow	36.1, 18.2	Good		Preserve
525	Salix alba	White Willow	23.0, 18.7, 19.5, 19.2	Good		Preserve
526	Ulmus americana	American Elm	7.1	Good		Preserve
527	Salix alba	White Willow	20.5	Good		Preserve
528	Salix alba	White Willow	19.0	Good		Preserve
529	Salix alba	White Willow	14.7, 12.4	Good		Preserve
530	Salix alba	White Willow	17.2, 13.2	Good		Preserve
531	Salix alba	White Willow	19.5, 12.7	Good		Preserve
532	Ulmus americana	American Elm	8.4	Good		Preserve
533	Fraxinus pennsylvanica	Red Ash	9.1	Good		Ash/To Remain
534	Ulmus americana	American Elm	8.5	Good		Preserve
535	Fraxinus pennsylvanica	Red Ash	10.3	Good		Ash/To Remain
536	Quercus velutina	Black Oak	10.2	Good		Preserve
537	Fraxinus americana	White Ash	8.7	Good	Yes	Ash/To Remain
538	Fraxinus americana	White Ash	8.6	Fair	Yes	Ash/To Remain
539	Prunus serotina	Black Cherry	11.6	Poor	Yes	Preserve
540	Fraxinus americana	White Ash	10.7, 6.5	Good		Ash/To Remain
541	Salix amygdaloides	Peachleaf Willow	11.7	Good		Preserve
542	Fraxinus americana	White Ash	10.0	Good		Ash/To Remain
543	Ulmus americana	American Elm	7.4	Good		Preserve
544	Juglans cinerea	Butternut	14.0	Good		Preserve
545	Juglans cinerea	Butternut	9.2	Fair	Yes	Preserve
546	Prunus serotina	Black Cherry	7.1	Poor		Preserve
547	Prunus serotina	Black Cherry	8.1	Good		Preserve
548	Prunus serotina	Black Cherry	12.7	Good		Preserve
549	Fraxinus americana	White Ash	8.5	Vary Poor	Yes	Ash/To Remain
550	Ulmus americana	American Elm	8.5	Vary Poor	Yes	Ash/To Remain
551	Fraxinus americana	White Ash	12.0	Good		Ash/To Remain
552	Fraxinus americana	White Ash	8.1	Vary Poor	Yes	Ash/To Remain
553	Fraxinus americana	White Ash	11.4	Good		Ash/To Remain
554	Prunus serotina	Black Cherry	13.5	Good	Yes	Preserve
555	Fraxinus americana	White Ash	7.0	Vary Poor	Yes	Ash/To Remain
556	Fraxinus serotina	Black Cherry	9.9	Fair	Yes	Preserve
557	Prunus serotina	Black Cherry	7.3	Yes	Preserve	Preserve
558	Fraxinus americana	White Ash	10.6	Vary Poor	Yes	Ash/To Remain
559	Fraxinus americana	White Ash	10.0	Vary Poor	Yes	Ash/To Remain
560	Prunus serotina	Black Cherry	9.9	Fair	Yes	Preserve
561	Prunus serotina	Black Cherry	11.3	Fair	Yes	Preserve
562	Ulmus americana	American Elm	8.3	Good		Remove
563	Ulmus americana	American Elm	8.8	Good		Remove
564	Ulmus americana	American Elm	8.9	Good	Yes	Remove
565	Prunus serotina	Black Cherry	7.7	Fair	Yes	Remove
566	Prunus serotina	Black Cherry	14.2	Fair	Yes	Preserve
567	Prunus serotina	Black Cherry	8.6	Poor	Yes	Remove
568	Acer saccharum	Sugar Maple	8.2	Good		Preserve
569	Fraxinus pennsylvanica	Red Ash	8.2	Good		Ash/To Remain
570	Pinus strobus	White Pine	16.3	Good		Preserve
571	Juniperus virginiana	Red Cedar	6.9	Good		Preserve
572	Populus grandidentata	Bigtooth Aspen	10.7	Good		Preserve
573	Juniperus virginiana	Red Cedar	8.1	Good		Preserve
574	Juniperus virginiana	Red Cedar	10.5	Good		Preserve
575	Salix amygdaloides	Peachleaf Willow	14.8, 11.2	Good		Preserve
576	Ulmus americana	American Elm	14.1	Good		Preserve
577	Prunus serotina	Black Cherry	7.4	Good		Preserve
578	Prunus serotina	Black Cherry	7.3	Fair		Preserve
579	Fraxinus pennsylvanica	Red Ash	12.7	Good		Ash/To Remain
580	Prunus serotina	Black Cherry	10.1	Fair	Yes	Preserve
581	Prunus serotina	Black Cherry	6.6, 6.3, 5.8	Good		Remove
582	Prunus serotina	Black Cherry	8.1	Vary Poor	Yes	Remove
583	Prunus serotina	Black Cherry	7.0	Vary Poor	Yes	Remove
584	Prunus serotina	Black Cherry	9.7, 5.9	Good		Remove
585	Fraxinus americana	White Ash	7.3	Vary Poor	Yes	Ash/To Remain
586	Fraxinus americana	White Ash	8.4	Vary Poor	Yes	Ash/To Remain
587	Prunus serotina	Black Cherry	11.2	Fair	Yes	Remove
588	Prunus serotina	Black Cherry	8.0, 6.5	Vary Poor	Yes	Remove
589	Prunus serotina	Black Cherry	13.1	Good	Yes	Remove
590	Prunus serotina	Black Cherry	7.0	Fair	Yes	Remove
591	Prunus serotina	Black Cherry	11.4	Vary Poor	Yes	Remove
592	Fraxinus pennsylvanica	Red Ash	8.1	Good		Ash/To Remain
593	Prunus serotina	Black Cherry	6.7	Good		Remove
594	Ulmus americana	American Elm	8.3, 5.7	Good		Remove
595	Prunus serotina	Black Cherry	6.5	Fair		Preserve
596	Prunus serotina	Black Cherry	17.5	Good		Preserve
597	Prunus serotina	Black Cherry	7.1, 7.0	Good		Preserve
598	Fraxinus americana	White Ash	6.5	Good		Ash/To Remain
599	Ulmus americana	American Elm	8.1	Fair		Preserve
600	Pinus sylvestris	Scotch Pine	7.7	Fair		Preserve
601	Fraxinus americana	White Ash	15.6	Poor	Yes	Ash/To Remain
602	Prunus serotina	Black Cherry	9.6	Fair	Yes	Preserve
603	Ulmus americana	American Elm	8.0	Good		Preserve
604	Fraxinus pennsylvanica	Red Ash	9.7	Poor	Yes	Ash/To Remain
605	Fraxinus pennsylvanica	Red Ash	9.4	Poor	Yes	Ash/To Remain
606	Prunus serotina	Black Cherry	6.2	Good		Preserve
607	Prunus serotina	Black Cherry	8.4	Good		Preserve
608	Fraxinus americana	White Ash	19.5	Vary Poor	Yes	Ash/To Remain
609	Populus tremuloides	Quaking Aspen	6.3	Vary Poor	Yes	Preserve
610	Fraxinus americana	White Ash	9.4	Vary Poor	Yes	Ash/To Remain

Tag No.	Scientific Name	Common Name	D.B.H.	Condition	Orange Mark	Status
611	Populus tremuloides	Quaking Aspen	7.0	Vary Poor	Yes	Preserve
612	Juglans cinerea	Butternut	9.9	Good		Preserve
613	Juglans cinerea	Butternut	11.9	Good		Preserve
614	Prunus serotina	Black Cherry	7.0	Vary Poor	Yes	Preserve
615	Ulmus americana	American Elm	13.5	Vary Poor		Preserve
616	Quercus velutina	Black Oak	9.7	Good		Preserve
617	Quercus velutina	Black Oak	8.8	Fair	Yes	Preserve
618	Quercus velutina	Black Oak	8.0	Good		Remove
619	Quercus velutina	Black Oak	7.6	Good		Remove
620	Prunus serotina	Black Cherry	10.2	Fair	Yes	Remove
621	Fraxinus americana	White Ash	14.5	Vary Poor	Yes	Ash/To Remain
622	Tilia americana	Basewood	10.4	Good		Remove
623	Fraxinus americana	White Ash	13.3	Vary Poor	Yes	Ash/To Remain
624	Ulmus americana	American Elm	8.0	Good		Remove
625	Prunus serotina	Black Cherry	12.9	Good		Remove
626	Fraxinus americana	White Ash	10.0	Good		Ash/To Remain
627	Tilia americana	Basewood	8.0	Good		Remove
628	Fraxinus americana	White Ash	8.2	Poor	Yes	Ash/To Remain
629	Fraxinus americana	White Ash	9.8	Good		Ash/To Remain
630	Acer rubrum	Red Maple	7.8	Good		Remove
631	Fraxinus pennsylvanica	Red Ash	7.7	Good		Ash/To Remain
632	Fraxinus pennsylvanica	Red Ash	10.3	Poor	Yes	Ash/To Remain
633	Quercus macrocarpa	Bur Oak	16.9	Good		Remove
634	Quercus macrocarpa	Bur Oak	19.5	Good		Remove
635	Quercus macrocarpa	Bur Oak	17.3	Good		Remove
636	Quercus macrocarpa	Bur Oak	21.8	Good		Remove
637	Salix alba	White Willow	23.9	Good		Remove
638	Fraxinus pennsylvanica	Red Ash	6.8	Poor	Yes	Ash/To Remain
639	Tilia americana	Basewood	24.3, 18.2	Good		Preserve
640	Quercus bicolor	Swamp White Oak	8.8	Good		Preserve
641	Fraxinus pennsylvanica	Red Ash	7.5	Good		Ash/To Remain
642	Salix alba	White Willow	33.0, 18.3, 16.0, 15.6	Good		Preserve
643	Fraxinus americana	White Ash	10.1	Good		Ash/To Remain
644	Fraxinus americana	White Ash	8.7	Poor	Yes	Ash/To Remain
645	Fraxinus americana	White Ash	16.2	Good		Ash/To Remain
646	Tilia americana	Basewood	7.1	Good		Remove
647	Ulmus americana	American Elm	6.8	Good		Remove
648	Fraxinus americana	White Ash	6.5	Good		Ash/To Remain
649	Quercus velutina	Black Oak	7.7	Good		Preserve
650	Fraxinus americana	White Ash	6.2	Good		Ash/To Remain
651	Ulmus americana	American Elm	8.2	Good		Preserve
652	Ulmus americana	American Elm	11.0	Good		Preserve
653	Fraxinus americana	White Ash	8.1	Good		Ash/To Remain
654	Ulmus americana	American Elm	5.8	Good		Preserve
655	Ulmus americana	American Elm	6.0	Good		Preserve
656	Prunus serotina	Black Cherry	7.0	Good		Remove
657	Ulmus americana	American Elm	8.3	Good		Remove
658	Prunus serotina	Black Cherry	6.5	Good		Remove
659	Prunus serotina	Black Cherry	7.5	Good		Remove
660	Prunus serotina	Black Cherry	7.1	Good		Remove
661	Prunus serotina	Black Cherry	6.7	Good		Remove
662	Prunus serotina	Black Cherry	8.6, 7.9, 7.5	Good		Remove
663	Prunus serotina	Black Cherry	11.8	Good		Remove
664	Prunus serotina	Black Cherry	8.0	Good		Remove
665	Ulmus americana	American Elm	8.7	Poor	Yes	Remove
666	Ulmus americana	American Elm	8.3	Vary Poor	Yes	Remove
667	Ulmus americana	American Elm	6.8	Vary Poor	Yes	Preserve
668	Fraxinus pennsylvanica	Red Ash	7.8	Fair	Yes	Ash/To Remain
669	Fraxinus pennsylvanica	Red Ash	8.2	Good		Ash/To Remain
670	Fraxinus pennsylvanica	Red Ash	7.5	Vary Poor		Ash/To Remain
671	Ulmus americana	American Elm	7.8	Fair		Preserve
672	Ulmus americana	American Elm	6.7	Good		Preserve
673	Fraxinus pennsylvanica	Red Ash	17.3	Good		Ash/To Remain
674	Populus tremuloides	Quaking Aspen	8.1	Good		Preserve
675	Quercus velutina	Black Oak	6.4	Vary Poor		Preserve
676	Juniperus virginiana	Red Cedar	7.4	Good	Yes	Preserve
677	Quercus macrocarpa	Bur Oak	8.1	Good		Preserve
678	Fraxinus pennsylvanica	Red Ash	7.3	Good		Ash/To Remain
679	Fraxinus pennsylvanica	Red Ash	8.5	Good		Ash/To Remain
680	Juniperus virginiana	Red Cedar	8.1	Fair	Yes	Preserve
681	Quercus velutina	Black Oak	7.1	Poor	Yes	Preserve
682	Prunus serotina	Black Cherry	8.9	Vary Poor	Yes	Preserve
683	Prunus serotina	Black Cherry	7.0	Poor	Yes	Remove
684	Ulmus americana	American Elm	9.2	Poor	Yes	Remove
685	Ulmus americana	American Elm	6.9	Good		Preserve
686	Prunus serotina	Black Cherry	7.6, 7.5	Good		Preserve
687	Prunus serotina	Black Cherry	6.9	Good		Preserve
688	Ulmus americana	American Elm	7.8	Good		Preserve
689	Prunus serotina	Black Cherry	9.2	Good		Preserve
690	Prunus serotina	Black Cherry	8.5	Good		Preserve
691	Fraxinus americana	White Ash	6.8	Vary Poor	Yes	Preserve
692	Fraxinus americana	White Ash	16.9	Good		Ash/To Remain
693	Fraxinus americana	White Ash	8.3, 6.5, 4.0	Fair	Yes	Ash/To Remain
694	Acer platanoides	Norway Maple	12.5	Fair	Yes	Preserve
695	Ulmus americana	American Elm	9.7	Vary Poor	Yes	Preserve
696	Ulmus americana	American Elm	8.6, 8.4	Vary Poor	Yes	Preserve
697	Ulmus americana	American Elm	8.3	Fair	Yes	Preserve
698	Ulmus americana	American Elm	8.6	Poor	Yes</	



Tag No.	Scientific Name	Common Name	D.B.H.	Condition	Orange Mark	Status
959	Salix alba	White Willow	27.8	Good		Preserve
970	Ulmus americana	American Elm	6.1	Good		Preserve
971	Acer rubrum	Red Maple	8.2	Good		Preserve
972	Fraxinus pennsylvanica	Red Ash	15.0	Good		Preserve
973	Prunus serotina	Black Cherry	7.3	Good		Preserve
974	Fraxinus pennsylvanica	Red Ash	10.2	Good		Preserve
975	Acer rubrum	Red Maple	9.4	Good		Preserve
976	Fraxinus pennsylvanica	Red Ash	10.3	Poor		Remove
977	Acer rubrum	Red Maple	11.7	Good		Preserve
978	Fraxinus pennsylvanica	Red Ash	9.0	Poor		Remove
979	Fraxinus pennsylvanica	Red Ash	8.5	Good		Preserve
980	Quercus velutina	Black Oak	8.6	Good		Preserve
981	Ulmus americana	American Elm	6.3	Good		Preserve
982	Fraxinus pennsylvanica	Red Ash	9.0	Good		Preserve
983	Fraxinus pennsylvanica	Red Ash	7.3	Good		Preserve
984	Acer rubrum	Red Maple	6.7	Good		Preserve
985	Prunus serotina	Black Cherry	7.1	Good		Preserve
986	Prunus serotina	Black Cherry	6.9	Good		Preserve
987	Prunus serotina	Black Cherry	10.0	Good		Preserve
988	Fraxinus americana	White Ash	6.7	Good		Preserve
989	Ulmus americana	American Elm	9.5	Good		Preserve
990	Ulmus americana	American Elm	8.1	Good		Preserve
991	Populus tremuloides	Quaking Aspen	7.2	Good		Preserve
992	Fraxinus pennsylvanica	Red Ash	8.5	Good		Preserve
993	Fraxinus americana	White Ash	6.4	Good		Preserve
994	Fraxinus americana	White Ash	13.4	Good		Preserve
995	Fraxinus americana	White Ash	8.7	Good		Preserve
996	Fraxinus americana	White Ash	6.9	Good		Preserve
997	Pinus strobus	White Pine	7.3	Good		Preserve
998	Quercus velutina	Black Oak	7.0	Good		Preserve
999	Ulmus americana	American Elm	7.0	Good		Preserve
1000	Prunus serotina	Black Cherry	7.3, 6.8	Good		Preserve
1001	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1002	Salix alba	White Willow	29.8, 26.0, 25.4, 20.5	Good		Preserve
1003	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1004	Tilia americana	Basewood	10.1	Good		Preserve
1005	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1006	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1007	Ulmus americana	American Elm	6.4	Good		Preserve
1008	Salix nigra	Black Willow	10.2	Good		Preserve
1009	Acer rubrum	Red Maple	6.3	Good		Preserve
1010	Populus tremuloides	Quaking Aspen	8.0	Good		Preserve
1011	Populus tremuloides	Quaking Aspen	8.0	Good		Preserve
1012	Quercus velutina	Black Oak	8.2	Good		Preserve
1013	Quercus velutina	Black Oak	7.8	Good		Preserve
1014	Betula pendula	European White Birch	6.1, 8.0, 5.3	Good		Preserve
1015	Pinus strobus	White Pine	14.1	Good		Preserve
1016	Liriodendron tulipifera	Tulip Tree	8.7	Good		Preserve
1017	Fraxinus americana	White Ash	6.8	Good		Preserve
1018	Juglans nigra	Black Walnut	13.8	Good		Preserve
1019	Tilia americana	Basewood	6.2	Good		Preserve
1020	Ulmus americana	American Elm	8.8	Good		Preserve
1021	Fraxinus americana	White Ash	6.3	Good		Preserve
1022	Fraxinus americana	White Ash	6.5	Good		Preserve
1023	Ulmus americana	American Elm	7.3	Good		Preserve
1024	Fraxinus americana	White Ash	8.5	Good		Preserve
1025	Fraxinus americana	White Ash	8.9	Fair		Remove
1026	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1027	Ulmus americana	American Elm	6.4	Good		Remove
1028	Fraxinus americana	White Ash	8.0	Good		Remove
1029	Fraxinus americana	White Ash	8.0	Good		Remove
1030	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1031	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1032	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1033	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1034	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1035	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1036	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1037	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1038	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1039	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1040	Fraxinus americana	White Ash	6.5, 5.2	Good		Remove
1041	Ulmus americana	American Elm	8.4	Good		Remove
1042	Ulmus americana	American Elm	7.9	Very Poor		Remove
1043	Fraxinus americana	White Ash	8.8, 6.9	Good		Remove
1044	Fraxinus americana	White Ash	7.1	Good		Remove
1045	Fraxinus americana	White Ash	9.1	Good		Remove
1046	Fraxinus pennsylvanica	Red Ash	6.5	Poor		Remove
1047	Fraxinus pennsylvanica	Red Ash	7.4	Very Poor		Remove
1048	Fraxinus pennsylvanica	Red Ash	7.2	Good		Remove
1049	Fraxinus pennsylvanica	Red Ash	7.5	Good		Remove
1050	Salix nigra	Black Willow	9.1	Good		Remove
1051	Betula pendula	European White Birch	7.8	Good		Remove
1052	Acer rubrum	Red Maple	6.8	Good		Remove
1053	Betula pendula	European White Birch	7.1	Good		Remove
1054	Acer rubrum	Red Maple	12.5, 9.1, 8.5, 6.1	Good		Remove
1055	Betula pendula	European White Birch	6.1	Good		Remove
1056	Prunus serotina	Black Cherry	6.5	Good		Remove
1057	Betula pendula	European White Birch	8.4	Good		Remove
1058	Salix nigra	Black Willow	7.8	Good		Remove
1059	Salix nigra	Black Willow	6.8	Good		Remove
1060	Ulmus americana	American Elm	7.3	Good		Remove
1061	Salix nigra	Black Willow	8.9	Good		Remove
1062	Tilia americana	Basewood	10.0	Good		Remove
1063	Ulmus americana	American Elm	6.1	Good		Remove
1064	Ulmus americana	American Elm	8.5	Good		Remove
1065	Fraxinus pennsylvanica	Red Ash	8.8	Good		Remove
1066	Salix alba	White Willow	24.0, 23.0, 19.0	Good		Remove
1067	Fraxinus pennsylvanica	Red Ash	6.1	Very Poor		Remove
1068	Acer rubrum	Red Maple	10.3	Good		Remove
1069	Quercus velutina	Black Oak	6.1	Good		Remove
1070	Fraxinus pennsylvanica	Red Ash	6.9	Good		Remove
1071	Fraxinus pennsylvanica	Red Ash	6.8	Good		Remove
1072	Prunus serotina	Black Cherry	7.3	Good		Remove
1073	Fraxinus pennsylvanica	Red Ash	12.0	Good		Remove
1074	Prunus serotina	Black Cherry	15.0	Fair		Remove
1075	Tilia americana	Basewood	9.4	Good		Remove
1076	Salix alba	White Willow	20.1, 18.5	Fair		Remove
1077	Tilia americana	Basewood	6.3	Good		Remove
1078	Fraxinus pennsylvanica	Red Ash	8.9	Good		Remove
1079	Quercus macrocarpa	Bur Oak	8.3	Good		Remove
1080	Fraxinus pennsylvanica	Red Ash	9.1	Good		Remove
1081	Fraxinus pennsylvanica	Red Ash	8.2	Good		Remove
1082	Acer rubrum	Red Maple	10.3	Good		Remove
1083	Liriodendron tulipifera	Tulip Tree	18.5	Good		Remove
1084	Salix alba	White Willow	20.0, 16.7	Good		Remove
1085	Salix alba	White Willow	23.0, 19.8, 19.5	Good		Remove
1086	Ulmus americana	American Elm	6.7	Good		Remove
1087	Ulmus americana	American Elm	7.1	Fair		Remove
1088	Ulmus americana	American Elm	6.7	Good		Remove
1089	Ulmus americana	American Elm	7.4	Good		Remove
1090	Fraxinus pennsylvanica	Red Ash	9.2	Good		Remove
1091	Ulmus americana	American Elm	11.9	Good		Remove
1092	Fraxinus pennsylvanica	Red Ash	10.4	Good		Remove
1093	Fraxinus pennsylvanica	Red Ash	11.4	Good		Remove
1094	Salix alba	White Willow	19.7	Good		Remove
1095	Fraxinus pennsylvanica	Red Ash	8.6	Good		Remove

Tag No.	Scientific Name	Common Name	D.B.H.	Condition	Orange Mark	Status
1096	Ulmus americana	American Elm	7.7	Good		Remove
1097	Quercus macrocarpa	Bur Oak	16.0	Good		Remove
1098	Malus pumila	Apple	7.0	Fair		Remove
1099	Ulmus americana	American Elm	6.5	Good		Remove
1100	Prunus serotina	Black Cherry	11.2	Good		Remove
1101	Fraxinus pennsylvanica	Red Ash	6.1	Good		Remove
1102	Fraxinus pennsylvanica	Red Ash	9.1	Good		Remove
1103	Fraxinus pennsylvanica	Red Ash	7.0	Good		Remove
1104	Fraxinus pennsylvanica	Red Ash	8.4	Good		Remove
1105	Ulmus americana	American Elm	6.1	Poor		Remove
1106	Fraxinus pennsylvanica	Red Ash	8.7	Good		Remove
1107	Ulmus americana	American Elm	6.8	Good		Remove
1108	Fraxinus pennsylvanica	Red Ash	6.0	Good		Remove
1109	Ulmus americana	American Elm	7.4	Good		Remove
1110	Fraxinus pennsylvanica	Red Ash	8.0	Good		Remove
1111	Fraxinus pennsylvanica	Red Ash	6.3	Good		Remove
1112	Salix alba	White Willow	15.5, 14.4, 14.2, 10.9	Good		Remove
1113	Fraxinus americana	White Ash	6.2	Good		Remove
1114	Ulmus americana	American Elm	6.7	Good		Remove
1115	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1116	Pinus strobus	White Pine	18.2	Good		Remove
1117	Fraxinus pennsylvanica	Red Ash	7.4	Good		Remove
1118	Fraxinus pennsylvanica	Red Ash	8.4	Good		Remove
1119	Fraxinus pennsylvanica	Red Ash	8.4	Good		Remove
1120	Quercus macrocarpa	Bur Oak	8.2	Good		Remove
1121	Fraxinus pennsylvanica	Red Ash	8.5	Good		Remove
1122	Carya ovata	Shagbark Hickory	8.6	Good		Remove
1123	Fraxinus pennsylvanica	Red Ash	7.8	Good		Remove
1124	Fraxinus pennsylvanica	Red Ash	7.3	Good		Remove
1125	Fraxinus pennsylvanica	Red Ash	9.2	Good		Remove
1126	Ulmus americana	American Elm	6.7	Good		Remove
1127	Pinus strobus	White Pine	10.9	Good		Remove
1128	Ulmus americana	American Elm	7.3	Very Poor		Remove
1129	Fraxinus pennsylvanica	Red Ash	6.1	Good		Remove
1130	Fraxinus pennsylvanica	Red Ash	8.6	Good		Remove
1131	Pinus strobus	White Pine	8.2	Good		Remove
1132	Ulmus americana	American Elm	8.1	Good		Remove
1133	Fraxinus pennsylvanica	Red Ash	7.8	Good		Remove
1134	Fraxinus pennsylvanica	Red Ash	7.7	Good		Remove
1135	Fraxinus pennsylvanica	Red Ash	8.4	Good		Remove
1136	Fraxinus pennsylvanica	Red Ash	7.4	Good		Remove
1137	Fraxinus pennsylvanica	Red Ash	7.2	Good		Remove
1138	Ulmus americana	American Elm	6.3	Good		Remove
1139	Fraxinus pennsylvanica	Red Ash	7.1	Good		Remove
1140	Pinus strobus	White Pine	10.3	Good		Remove
1141	Ulmus americana	American Elm	6.2	Good		Remove
1142	Fraxinus americana	White Ash	7.0	Good		Remove
1143	Pinus strobus	White Pine	7.3	Good		Remove
1144	Pinus strobus	White Pine	7.3	Good		Remove
1145	Pinus strobus	White Pine	8.4	Good		Remove
1146	Fraxinus americana	White Ash	6.1	Good		Remove
1147	Fraxinus americana	White Ash	7.3	Good		Remove
1148	Pinus strobus	White Pine	12.5	Good		Remove
1149	Fraxinus americana	White Ash	6.2	Good		Remove
1150	Pinus strobus	White Pine	10.4	Good		Remove
1151	Pinus strobus	White Pine	10.5	Good		Remove
1152	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1153	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1154	Fraxinus americana	White Ash	6.5	Good		Remove
1155	Fraxinus americana	White Ash	10.0	Good		Remove
1156	Fraxinus americana	White Ash	6.1	Good		Remove
1157	Fraxinus americana	White Ash	6.5	Good		Remove
1158	Fraxinus americana	White Ash	6.5	Good		Remove
1159	Fraxinus americana	White Ash	9.7	Good		Remove
1160	Fraxinus americana	White Ash	6.8	Good		Remove
1161	Fraxinus americana	White Ash	10.3	Good		Remove
1162	Pinus strobus	White Pine	14.6	Good		Remove
1163	Fraxinus americana	White Ash	6.3	Good		Remove
1164	Ulmus americana	American Elm	10.7	Good		Remove
1165	Prunus serotina	Black Cherry	7.5, 6.2	Fair		Remove
1166	Ulmus americana	American Elm	13.0	Good		Remove
1167	Ulmus americana	American Elm	7.8	Good		Remove
1168	Fraxinus americana	White Ash	10.3, 8.8	Good		Remove
1169	Fraxinus americana	White Ash	9.8	Good		Remove
1170	Ulmus americana	American Elm	6.1	Very Poor		Remove
1171	Fraxinus americana	White Ash	10.0	Good		Remove
1172	Fraxinus americana	White Ash	8.2	Good		Remove
1173	Fraxinus americana	White Ash	7.4, 5.2	Good		Remove
1174	Fraxinus americana	White Ash	6.4	Good		Remove
1175	Ulmus americana	American Elm	8.6	Good		Remove
1176	Ulmus americana	American Elm	9.7	Good		Remove
1177	Prunus serotina	Black Cherry	7.8, 5.8	Good		Remove
1178	Fraxinus americana	White Ash	8.0	Good		Remove
1179	Fraxinus americana	White Ash	7.6	Fair		Remove
1180	Prunus serotina	Black Cherry	7.3, 7.2	Good		Remove
1181	Fraxinus americana	White Ash	7.2	Good		Remove
1182	Ulmus americana	American Elm	6.7	Good		Remove
1183	Prunus serotina	Black Cherry	7.8, 5.8	Good		Remove
1184	Fraxinus americana	White Ash	6.6	Good		Remove
1185	Fraxinus americana	White Ash	6.7	Good		Remove
1186	Fraxinus americana	White Ash	7.0	Good		Remove
1187	Populus tremuloides	Quaking Aspen	8.4	Fair		Remove
1188	Salix nigra	Black Willow	6.3	Good		Remove
1189	Salix nigra	Black Willow	7.5	Good		Remove
1190	Salix nigra	Black Willow	8.6	Good		Remove



Tag No.	Scientific Name	Common Name	D.B.H.	Condition	Orange Mark	Status
1461	Ulmus americana	American Elm	8.1	Good		Remove
1462	Ulmus americana	American Elm	6.5	Good		Remove
1463	Pinus strobus	White Pine	20.3	Good		Remove
1464	Fraxinus pennsylvanica	Red Ash	6.1	Good		Ash/To Remove
1465	Pinus sylvestris	Scotch Pine	7.5	Good		Remove
1466	Fraxinus pennsylvanica	Red Ash	7.5	Good		Ash/To Remain
1467	Ulmus americana	American Elm	7.0	Good		Preserve
1468	Prunus serotina	Black Cherry	9.5	Good		Preserve
1469	Ulmus americana	American Elm	6.9	Good		Preserve
1470	Fraxinus pennsylvanica	Red Ash	8.8, 3.8	Good		Ash/To Remain
1471	Ulmus americana	American Elm	7.8	Good		Preserve
1472	Prunus serotina	Black Cherry	6.4	Fair		Preserve
1473	Salix nigra	Black Willow	10.4, 9.2	Good		Preserve
1474	Salix nigra	Black Willow	9.8	Good		Preserve
1475	Ulmus americana	American Elm	6.3	Good		Preserve
1476	Juglans cinerea	Bitternut	10.1	Good		Remove
1477	Fraxinus pennsylvanica	Red Ash	11.9	Poor		Ash/To Remain
1478	Ulmus americana	American Elm	6.2	Good		Preserve
1479	Ulmus americana	American Elm	7.8	Good		Preserve
1480	Pinus sylvestris	Scotch Pine	14.5	Good		Preserve
1481	Pinus strobus	White Pine	16.3	Good		Preserve
1482	Pinus strobus	White Pine	6.7	Good		Preserve
1483	Pinus sylvestris	Scotch Pine	9.8	Fair		Preserve
1484	Ulmus americana	American Elm	8.3	Fair		Preserve
1485	Ulmus americana	American Elm	8.8	Good		Preserve
1486	Ulmus americana	American Elm	8.2	Good		Preserve
1487	Fraxinus pennsylvanica	Red Ash	6.6	Good		Ash/To Remain
1488	Prunus serotina	Black Cherry	10.0, 6.3	Fair		Preserve
1489	Ulmus americana	American Elm	7.2	Good		Preserve
1490	Ulmus americana	American Elm	12.4	Good		Preserve
1491	Fraxinus pennsylvanica	Red Ash	12.5	Good		Ash/To Remain
1492	Ulmus americana	American Elm	1.1	Good		Preserve
1493	Fraxinus pennsylvanica	Red Ash	15.8	Good		Ash/To Remain
1494	Pinus strobus	White Pine	7.6	Very Poor		Ash/To Remain
1495	Fraxinus pennsylvanica	Red Ash	8.8	Good		Ash/To Remain
1496	Ulmus americana	American Elm	8.0	Good		Preserve
1497	Ulmus americana	American Elm	8.0	Good		Preserve
1498	Pinus sylvestris	Scotch Pine	11.5	Good		Preserve
1499	Pinus strobus	White Pine	13.2	Good		Preserve
1500	Fraxinus pennsylvanica	Red Ash	18.0	Good		Ash/To Remain
1501	Ulmus americana	American Elm	7.1	Good		Preserve
1502	Prunus serotina	Black Cherry	6.1	Good		Preserve
1503	Fraxinus pennsylvanica	Red Ash	15.6	Good		Ash/To Remain
1504	Ulmus americana	American Elm	6.8	Good		Preserve
1505	Prunus serotina	Black Cherry	7.4, 7.1	Fair		Remove
1506	Pinus strobus	White Pine	16.2	Good		Remove
1507	Pinus sylvestris	Scotch Pine	13.0	Good		Preserve
1508	Pinus strobus	White Pine	14.1	Good		Preserve
1509	Pinus strobus	White Pine	16.9	Good		Remove
1510	Quercus alba	White Oak	8.2	Good		Remove
1511	Ulmus americana	American Elm	8.0	Good		Remove
1512	Ulmus americana	American Elm	6.4	Good		Remove
1513	Pinus strobus	White Pine	12.6	Good		Remove
1514	Pinus strobus	White Pine	17.2	Good		Remove
1515	Ulmus americana	American Elm	6.2	Good		Remove
1516	Ulmus americana	American Elm	10.8	Good		Remove
1517	Salix nigra	Black Willow	5.0	Good		Remove
1518	Pinus strobus	White Pine	9.7	Good		Remove
1519	Fraxinus pennsylvanica	Red Ash	6.8	Good		Ash/To Remain
1520	Pinus strobus	White Pine	13.3	Good		Remove
1521	Pinus sylvestris	Scotch Pine	11.0	Good		Remove
1522	Quercus velutina	Black Oak	8.9	Good		Remove
1523	Ulmus americana	American Elm	7.8	Good		Remove
1524	Quercus velutina	Black Oak	8.4	Good		Remove
1525	Ulmus americana	American Elm	11.3	Good		Remove
1526	Ulmus americana	American Elm	8.2	Good		Remove
1527	Ulmus americana	American Elm	6.3	Good		Remove
1528	Ulmus americana	American Elm	6.3	Good		Remove
1529	Pinus sylvestris	Scotch Pine	12.1	Good		Remove
1530	Populus deltoides	Cottonwood	14.0	Good		Remove
1531	Populus deltoides	Cottonwood	11.1	Good		Remove
1532	Populus deltoides	Cottonwood	16.3	Good		Remove
1533	Populus deltoides	Cottonwood	14.2	Good		Remove
1534	Populus deltoides	Cottonwood	10.9	Good		Remove
1535	Acer rubrum	Red Maple	8.3	Good		Remove
1536	Ulmus americana	American Elm	7.1	Good		Remove
1537	Ulmus americana	American Elm	6.5	Good		Remove
1538	Ulmus americana	American Elm	8.1	Good		Remove
1539	Pinus strobus	White Pine	12.5, 12.3	Good		Remove
1540	Fraxinus americana	White Ash	8.0	Good		Ash/To Remain
1541	Ulmus americana	American Elm	9.7	Good		Remove
1542	Ulmus americana	American Elm	7.2	Good		Remove
1543	Ulmus americana	American Elm	10.0	Fair		Remove
1544	Pinus strobus	White Pine	14.8	Good		Remove
1545	Pinus strobus	White Pine	17.8	Good		Remove
1546	Prunus serotina	Black Cherry	7.4	Good		Remove
1547	Ulmus americana	American Elm	8.8	Good		Remove
1548	Pinus strobus	White Pine	23.4	Good		Remove
1549	Acer platanoides	Norway Maple	10.6	Good		Remove
1550	Ulmus americana	American Elm	6.3	Good		Remove
1551	Fraxinus pennsylvanica	Red Ash	6.1	Fair		Ash/To Remain
1552	Ulmus americana	American Elm	7.7	Fair		Remove
1553	Fraxinus pennsylvanica	Red Ash	6.8	Fair		Ash/To Remain
1554	Ulmus americana	American Elm	6.7	Good		Preserve
1555	Ulmus americana	American Elm	8.5	Good		Preserve
1556	Ulmus americana	American Elm	6.6	Good		Remove
1557	Quercus velutina	Black Oak	12.1	Good		Preserve
1558	Quercus velutina	Black Oak	10.8	Good		Preserve
1559	Malus pumila	Apple	5.6	Fair		Remove
1560	Quercus velutina	Black Oak	12.1	Good		Remove
1561	Ulmus americana	American Elm	8.3	Good		Preserve
1562	Prunus serotina	Black Cherry	11.8, 10.0	Good		Remove
1563	Pinus sylvestris	Scotch Pine	13.1	Good		Remove
1564	Quercus velutina	Black Oak	24.8	Good		Remove
1565	Quercus velutina	Black Oak	26.2	Good		Remove
1566	Quercus velutina	Black Oak	18.2	Good		Remove
1567	Carya cordiformis	Bitternut Hickory		Good		Ash/To Remain
1568	Fraxinus pennsylvanica	Red Ash	8.7	Good		Remove
1569	Salix alba	White Willow	7.9, 7.8, 6.6, 6.0, 5.8	Good		Remove
1570	Fraxinus pennsylvanica	Red Ash	7.8	Good		Ash/To Remain
1571	Ulmus americana	American Elm	11.1	Good		Remove
1572	Juglans nigra	Black Walnut	7.2	Good		Remove
1573	Fraxinus pennsylvanica	Red Ash	13.7	Good		Ash/To Remain
1574	Carya cordiformis	Bitternut Hickory	8.6	Good		Remove
1575	Pinus strobus	White Pine	13.6	Good		Remove
1576	Ulmus americana	American Elm	7.9	Good		Remove
1577	Pinus strobus	White Pine	7.3	Good		Remove
1578	Ulmus americana	American Elm	8.8	Good		Remove

Tag No.	Scientific Name	Common Name	D.B.H.	Condition	Orange Mark	Status
1579	Fraxinus pennsylvanica	Red Ash	7.2	Good		Ash/To Remain
1580	Populus tremuloides	Quaking Aspen	7.3	Good		Remove
1581	Salix nigra	Black Willow	13.5	Good		Remove
1582	Pinus strobus	White Pine	15.5	Good		Remove
1583	Fraxinus pennsylvanica	Red Ash	7.9	Good		Ash/To Remain
1584	Pinus sylvestris	Scotch Pine	11.7	Good		Remove
1585	Pinus strobus	White Pine	17.3	Good		Remove
1586	Populus deltoides	Cottonwood	11.4	Good		Remove
1587	Fraxinus pennsylvanica	Red Ash	6.1	Good		Ash/To Remain
1588	Fraxinus pennsylvanica	Red Ash	9.0	Good		Ash/To Remain
1589	Fraxinus pennsylvanica	Red Ash	7.5	Good		Ash/To Remain
1590	Prunus serotina	Black Cherry	7.1	Good		Remove
1591	Prunus serotina	Black Cherry	10.2	Good		Remove
1592	Fraxinus pennsylvanica	Red Ash	6.7	Good		Ash/To Remain
1593	Quercus alba	White Oak	6.0	Good		Remove
1594	Pinus strobus	White Pine	14.1	Good		Remove
1595	Pinus sylvestris	Scotch Pine	9.7, 7.7	Good		Remove
1596	Fraxinus pennsylvanica	Red Ash	7.6	Good		Ash/To Remain
1597	Pinus strobus	White Pine	13.5	Good		Remove
1598	Fraxinus pennsylvanica	Red Ash	6.2	Good		Ash/To Remain
1599	Pinus sylvestris	Scotch Pine	11.8	Good		Remove
1600	Pinus sylvestris	Scotch Pine	11.8	Good		Remove
1601	Fraxinus pennsylvanica	Red Ash	9.4, 7.3	Good		Ash/To Remain
1602	Fraxinus pennsylvanica	Red Ash	9.8	Good		Ash/To Remain
1603	Fraxinus pennsylvanica	Red Ash	6.5	Fair		Ash/To Remain
1604	Fraxinus pennsylvanica	Red Ash	10.8	Good		Ash/To Remain
1605	Fraxinus pennsylvanica	Red Ash	7.8	Good		Ash/To Remain
1606	Prunus serotina	Black Cherry	9.5	Good		Remove
1607	Fraxinus pennsylvanica	Red Ash	6.8, 6.8	Good		Ash/To Remain
1608	Fraxinus pennsylvanica	Red Ash	6.1	Fair		Ash/To Remain
1609	Ulmus americana	American Elm	12.9, 7.9	Good		Ash/To Remain
1610	Ulmus americana	American Elm	6.5, 5.2	Good		Remove
1611	Fraxinus pennsylvanica	Red Ash	8.1, 8.3	Good		Ash/To Remain
1612	Malus pumila	Apple	15.4	Good		Remove
1613	Fraxinus pennsylvanica	Red Ash	6.7	Good		Ash/To Remain
1614	Fraxinus pennsylvanica	Red Ash	9.5	Good		Ash/To Remain
1615	Morus alba	White Mulberry	17.0	Good	Yes	Ash/To Remain
1616	Fraxinus pennsylvanica	Red Ash	15.0	Good		Ash/To Remain
1617	Fraxinus pennsylvanica	Red Ash	12.0, 10.5	Good		Ash/To Remain
1618	Fraxinus pennsylvanica	Red Ash	10.2, 10.1, 9.6	Good		Ash/To Remain
1619	Malus pumila	Apple	9.7	Good		Remove
1620	Fraxinus pennsylvanica	Red Ash	12.2	Good		Ash/To Remain
1621	Malus pumila	Apple	10.9, 8.5	Good		Remove
1622	Prunus serotina	Black Cherry	10.1	Good		Remove
1623	Ulmus americana	American Elm	6.1	Good		Ash/To Remain
1624	Fraxinus pennsylvanica	Red Ash	16.2	Good		Ash/To Remain
1625	Ulmus americana	American Elm	8.8	Good		Remove
1626	Ulmus americana	American Elm	6.3	Good		Preserve
1627	Fraxinus americana	White Ash	7.0	Good		Ash/To Remain
1628	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1629	Fraxinus americana	White Ash	6.8	Fair		Ash/To Remain
1630	Juniperus virginiana	Red Cedar	9.1	Good		Remove
1631	Pinus sylvestris	Scotch Pine	11.4, 11.0	Good		Remove
1632	Ulmus americana	American Elm	6.0	Good		Remove
1633	Pinus sylvestris	Scotch Pine	9.0	Good		Remove
1634	Prunus serotina	Black Cherry	8.0	Good		Remove
1635	Ulmus americana	American Elm	7.8	Good		Remove
1636	Ulmus americana	American Elm	8.1	Good		Remove
1637	Ulmus americana	American Elm	6.9	Good		Remove
1638	Ulmus americana	American Elm	6.8	Good		Remove
1639	Ulmus americana	American Elm	6.8	Good		Remove
1640	Ulmus americana	American Elm	6.8	Good		Remove
1641	SEE SHEET 20 FOR SHELDON ROAD TREE LISTING					
1642	Fraxinus americana	White Ash	6.8	Fair		Ash/To Remain
1643	Juniperus virginiana	Red Cedar	9.1	Good		Remove
1644	Pinus sylvestris	Scotch Pine	11.4, 11.0	Good		Remove
1645	Ulmus americana	American Elm	6.0	Good		Remove
1646	Pinus sylvestris	Scotch Pine	9.0	Good		Remove
1647	Prunus serotina	Black Cherry	8.0	Good		Remove
1648	Ulmus americana	American Elm	7.8	Good		Remove
1649	Ulmus americana	American Elm	8.1	Good		Remove
1650	Ulmus americana	American Elm	6.9	Good		Remove
1651	Ulmus americana	American Elm	6.8	Good		Remove
1652	Ulmus americana	American Elm	7.5	Fair		Remove
1653	Pinus strobus	White Pine	16.5	Good		Remove
1654	Ulmus americana	American Elm	6.3	Very Poor		Remove
1655	Ulmus americana	American Elm	8.0	Good		Remove
1656	Ulmus americana	American Elm	8.2	Good		Remove
1657	Prunus serotina	Black Cherry	8.0	Good		Remove
1658	Ulmus americana	American Elm	8.7	Good		Remove
1659	Fraxinus pennsylvanica	Red Ash	6.4	Good		Ash/To Remain
1660	Pinus sylvestris	Scotch Pine	14.4	Good		Preserve
1661	Fraxinus pennsylvanica	Red Ash	7.7, 6.1	Good		Ash/To Remain
1662	Fraxinus pennsylvanica	Red Ash	8.1	Good		Ash/To Remain
1663	Ulmus americana	American Elm	6.6	Good		Remove
1664	Prunus serotina	Black Cherry	9.8	Good		Preserve
1665	Betula pendula	European White Birch	8.8	Good		Preserve
1666	Fraxinus pennsylvanica	Red Ash	6.1	Good		Ash/To Remain
1667	Fraxinus pennsylvanica	Red Ash	6.4	Good		Ash/To Remain
1668	Fraxinus pennsylvanica	Red Ash	6.5	Good		Ash/To Remain
1669	Fraxinus pennsylvanica	Red Ash	6.9	Good		Ash/To Remain
1670	Fraxinus pennsylvanica	Red Ash	6.5	Poor		Ash/To Remain
1671	Fraxinus pennsylvanica	Red Ash	10.5	Fair		Ash/To Remain
1672	Ulmus americana	American Elm	7.8	Fair		Ash/To Remain
1673	Fraxinus penns					

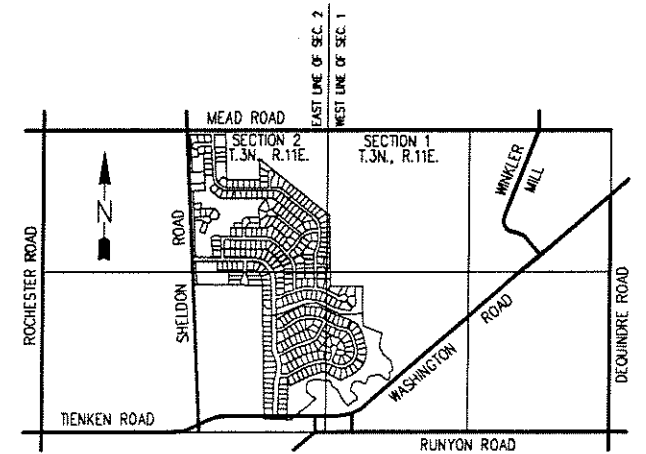
Tag No.	Scientific Name	Common Name	D.B.H.	Condition	Orange Mark	Status
1	Carya ovalis	Shagbark Hickory	21.4	Good		Preserve
2	Fraxinus pennsylvanica	Red Ash	8.1, 7.9, 6.2, 4.8	Fair		Ash/To Remove
3	Quercus velutina	Black Oak	12.2	Fair		Preserve
4	Quercus macrocarpa	Bur Oak	11.3	Good		Preserve
5	Quercus macrocarpa	Bur Oak	7.4, 5.9	Good		Preserve
16	Quercus macrocarpa	Bur Oak	7.3	Good		Preserve
17	Quercus macrocarpa	Bur Oak	13.1	Good		Preserve
18	Fraxinus pennsylvanica	Red Ash	8.3	Fair		Ash/To Remove
19	Carya cordiformis	Bitternut Hickory	18.3	Poor		Preserve
20	Quercus macrocarpa	Bur Oak	7.2	Good		Preserve
21	Fraxinus pennsylvanica	Red Ash	7.6	Good		Ash/To Remove
128	Quercus	Oak	10	Good		Preserve
130	Ulmus	Elm	12	Good		Preserve
131	Ulmus	Elm	8	Good		Preserve
135	Malus	Apple	8	Good		Preserve
138	Quercus	Oak	10	Good		Preserve
137	Quercus	Oak	12	Good		Preserve
139	Prunus	Cherry	8	Good		Preserve
142	Ulmus	Elm	8	Good		Preserve
144	Quercus	Oak	10	Good		Preserve
145	Fraxinus	Ash	8	Good		Ash/To Remain
146	Quercus	Oak	8	Good		Preserve
147	Quercus	Oak	8	Good		Preserve
148	Quercus	Oak	8	Good		Preserve
150	Fraxinus	Ash	10	Good		Ash/To Remove
151	Quercus	Oak	48	Good		Preserve
152	Quercus	Oak	34	Good		Preserve
153	Quercus	Oak	18	Good		Preserve
155	Quercus	Oak	24	Good		Preserve
156	Quercus	Oak	14	Good		Preserve
157	Quercus	Oak	12	Good		Preserve
158	Quercus	Oak	8	Good		Preserve
159	Quercus	Oak	8	Good		Remove
160	Quercus	Oak	48	Good		Remove
161	Quercus	Oak	10	Good		Preserve
162	Acer	Maple	8	Good		Preserve
163	Quercus	Oak	12	Good		Preserve
164	Quercus	Oak	8	Good		Preserve
165	Quercus	Oak	8	Good		Preserve
166	Quercus	Oak	8	Good		Preserve
168	Acer	Maple	8	Good		Preserve
170	Quercus	Oak	8	Good		Preserve
171	Ulmus	Elm	8	Good		Preserve
172	Fraxinus	Ash	8	Good		Ash/To Remove
175	Quercus	Oak	8	Good		Preserve
176	Betula	Birch	8	Good		Preserve
177	Quercus	Oak	8	Good		Preserve
178	Fraxinus	Ash	8	Good		Ash/To Remain
179	Betula	Birch	8	Good		Preserve
180	Quercus	Oak	8	Good		Preserve
181	Betula	Birch	8	Good		Preserve
182	Fraxinus	Ash	6	Good		Ash/To Remain
183	Quercus	Oak	18	Good		Preserve
184	Fraxinus	Ash	8	Good		Ash/To Remain
185	Fraxinus	Ash	8	Good		Ash/To Remain
186	Betula	Birch	8	Good		Preserve
187	Betula	Birch	8	Good		Preserve
188	Quercus	Oak	8	Good		Preserve
191	Quercus	Oak	8	Good		Preserve
192	Quercus	Oak	16	Good		Preserve
194	Populus	Poplar	8	Good		Preserve
196	Acer	Maple	10	Good		Preserve
200	Populus	Poplar	18	Good		Preserve
202	Populus	Poplar	18	Good		Preserve
203	Populus	Poplar	8	Good		Preserve
206	Ulmus	Elm	8	Good		Preserve
207	Fraxinus	Ash	16	Good		Preserve
208	Quercus	Oak	8	Good		Preserve
209	Quercus	Oak	8	Good		Preserve
210	Populus	Poplar	8	Good		Preserve
211	Populus	Poplar	6	Good		Preserve
212	Quercus	Oak	6	Good		Preserve
213	Quercus	Oak	6	Good		Preserve
214	Quercus	Oak	10	Good		Preserve
215	Fraxinus	Ash	6	Good		Ash/To Remain
217	Quercus	Oak	12	Good		Preserve
218	Quercus	Oak	10	Good		Preserve
219	Quercus	Oak	8	Good		Preserve
222	Quercus	Oak	8	Good		Preserve
224	Populus	Poplar	10	Good		Preserve
227	Quercus	Oak	8	Good		Preserve
228	Quercus	Oak	8	Good		Preserve
229	Populus	Poplar	8	Good		Preserve
230	Quercus	Oak	8	Good		Preserve
231	Quercus	Oak	8	Good		Preserve
232	Ulmus	Elm	8	Good		Preserve
232A	Quercus	Oak	8	Good		Preserve
233	Quercus	Oak	8	Good		Preserve
234	Quercus	Oak	12	Good		Preserve
236	Quercus	Oak	8	Good		Preserve
237	Fraxinus	Ash	8	Good		Ash/To Remain
238	Acer	Maple	8	Good		Preserve
240	Quercus	Oak	8	Good		Preserve
241	Fraxinus	Ash	6	Good		Ash/To Remain
242	Quercus	Oak	6	Good		Preserve
243	Fraxinus	Ash	8	Good		Ash/To Remain
244	Acer	Maple	8	Good		Preserve
246	Quercus	Oak	8	Good		Preserve
246	Quercus	Oak	8	Good		Preserve
247	Populus	Poplar	8	Good		Preserve
248	Quercus	Oak	8	Good		Preserve
249	Quercus	Oak	8	Good		Preserve
250	Quercus	Oak	8	Good		Preserve
251	Quercus	Oak	8	Good		Preserve
300	Fraxinus	Ash	6	Good		Ash/To Remain
301	Quercus	Oak	6	Good		Preserve
302	Ulmus	Elm	12	Good		Preserve
304	Ulmus	Elm	8	Good		Preserve
305	Ulmus	Elm	8	Good		Preserve
306	Ulmus	Elm	8	Good		Preserve
307	Ulmus	Elm	10	Good		Preserve
307A	Quercus	Oak	30	Good		Preserve
308	Ulmus	Elm	8	Good		Preserve
309	Ulmus	Elm	8	Good		Preserve
311	Quercus	Oak	10	Good		Preserve
312	Fraxinus	Ash	16	Good		Ash/To Remain
313	Carya	Hickory	10	Good		Preserve
314	Quercus	Oak	6	Good		Preserve
315	Quercus	Oak	12	Good		Preserve
316	Carya	Hickory	8	Good		Preserve
317	Quercus	Oak	8	Good		Preserve
318	Populus	Poplar	8	Good		Preserve
319	Fraxinus	Ash	10	Good		Ash/To Remain
320	Prunus	Cherry	8	Good		Preserve
321	Fraxinus	Ash	8	Good		Preserve
322	Quercus	Oak	14	Good		Preserve
324	Ulmus	Elm	6	Good		Preserve
325	Quercus	Oak	8	Good		Preserve

Tag No.	Scientific Name	Common Name	D.B.H.	Condition	Orange Mark	Status
326	Quercus	Oak	8	Good		Preserve
327	Quercus	Oak	10	Good		Preserve
328	Quercus	Oak	8	Good		Preserve
329	Quercus	Oak	12	Good		Preserve
330	Quercus	Oak	8	Good		Preserve
332	Quercus	Oak	8	Good		Preserve
333	Quercus	Oak	8	Good		Preserve
334	Quercus	Oak	8	Good		Preserve
335	Carya	Hickory	8	Good		Preserve
336	Ulmus	Elm	8	Good		Preserve
337	Quercus	Oak	14	Good		Preserve
338	Quercus	Oak	6	Good		Preserve
339	Quercus	Oak	8	Good		Preserve
340	Quercus	Oak	10	Good		Preserve
341	Quercus	Oak	8	Good		Preserve
342	Quercus	Oak	8	Good		Preserve
343	Quercus	Oak	8	Good		Preserve
344	Quercus	Oak	12	Good		Preserve
345	Quercus	Oak	8	Good		Remove
346	Quercus	Oak	8	Good		Remove
347	Quercus	Oak	8	Good		Remove
350	Ulmus	Elm	10	Good		Remove
351	Ulmus	Elm	8	Good		Remove
352	Quercus	Oak	8	Good		Remove
353	Prunus	Cherry	8	Good		Remove
354	Quercus	Oak	48	Good		Remove
355	Quercus	Oak	8	Good		Remove
356	Quercus	Oak	8	Good		Remove
358	Quercus	Oak	12	Good		Remove
359	Quercus	Oak	20	Good		Remove
360	Quercus	Oak	8	Good		Remove
363	Quercus	Oak	8	Good		Remove
364	Quercus	Oak	8	Good		Remove
365	Quercus	Oak	18	Good		Remove
367	Acer	Box Elder	8	Good		Remove
370	Quercus	Oak	6	Good		Remove
371	Acer	Maple	8	Good		Remove
372	Quercus	Oak	8	Good		Remove
373	Quercus	Oak	10	Good		Remove
375	Quercus	Oak	8	Good		Remove
376	Quercus	Oak	8	Good		Remove
377	Quercus	Oak	8	Good		Remove
378	Acer	Box Elder	8	Good		Remove
379	Quercus	Oak	8	Good		Remove
380	Quercus	Oak	8	Good		Remove
381	Quercus	Oak	8	Good		Remove
382	Quercus	Oak	6	Good		Remove
383	Quercus	Oak	8	Good		Remove
385	Quercus	Oak	8	Good		Remove
386	Quercus	Oak	20	Good		Remove
388	Betula	Birch	6	Good		Remove
390	Quercus	Oak	8	Good		Remove
391	Quercus	Oak	8	Good		Remove
392	Quercus	Oak	8	Good		Remove
393	Quercus	Oak	8	Good		Remove
394	Quercus	Oak	8	Good		Remove
395	Quercus	Oak	8	Good		Remove
397	Quercus	Oak	10	Good		Remove
398	Quercus	Oak	8	Good		Remove
399	Quercus	Oak	8	Good		Remove
400	Quercus	Oak	8	Good		Remove
404	Carya	Hickory	20	Good		Remove
405	Quercus	Oak	8	Good		Remove
406	Quercus	Oak	8	Good		Remove
407	Prunus	Cherry	24	Good		Remove
408	Quercus	Oak	8	Good		Remove
409	Quercus	Oak	8	Good		Remove
410	Quercus	Oak	8	Good		Remove
411	Quercus	Oak	12	Good		Remove
414	Quercus	Oak	8	Good		Preserve
415	Quercus	Oak	8	Good		Remove
415	Quercus	Oak	8	Good		Preserve
417	Carya	Hickory	8	Good		Preserve
418	Quercus	Oak	8	Good		Preserve
419	Quercus	Oak	8	Good		Preserve
420	Quercus	Oak	8	Good		Preserve
421	Quercus	Oak	12	Good		Preserve
423	Prunus	Cherry	8	Good		Preserve
424	Quercus	Oak	8	Good		Preserve
425	Quercus	Oak	10	Good		Preserve
426	Quercus	Oak	8	Good		Preserve
427	Quercus	Oak	8	Good		Preserve
428	Quercus	Oak	8	Good		Preserve
429	Quercus	Oak	12	Good		Preserve
430	Quercus	Oak	8	Good		Preserve
431	Quercus	Oak	10	Good		Preserve
432	Quercus	Oak	8	Good		Preserve
434	Quercus	Oak	10	Good		Preserve
435	Betula	Birch	6	Good		Preserve
436	Betula	Birch	8	Good		Preserve
437	Acer	Maple	6	Good		Preserve
438	Quercus	Oak	10	Good		Preserve
439	Quercus	Oak	8	Good		Preserve
440	Fraxinus	Ash	8	Good		Ash/To Remain
441	Quercus	Oak	14	Good		Preserve
442	Carya	Hickory	8	Good		Preserve
443	Acer	Maple	8	Good		Preserve
444	Quercus	Oak	8	Good		Preserve
446	Quercus	Oak	8	Good		Preserve
447	Quercus	Oak	8	Good		Preserve
448	Fraxinus	Ash	8	Good		Ash/To Remain
449	Quercus	Oak	8	Good		Preserve
450	Carya	Hickory	8	Good		Preserve
452	Quercus	Oak	8	Good		Preserve
453	Quercus	Oak	8	Good		Preserve
454	Fraxinus	Ash	8	Good		Ash/To Remain
455	Quercus	Oak	8	Good		Preserve
456	Fraxinus	Ash	8	Good		Ash/To Remain
457	Quercus	Oak	26	Good		Preserve
458	Quercus	Oak	8	Good		Preserve
459	Fraxinus	Ash	6	Good		Ash/To Remain
460	Prunus	Cherry	8	Good		Preserve
461	Quercus	Oak				

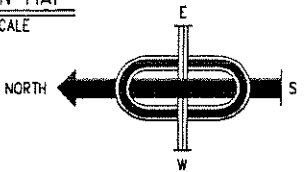


# "CLEAR CREEK SUB. NO. 1-5"

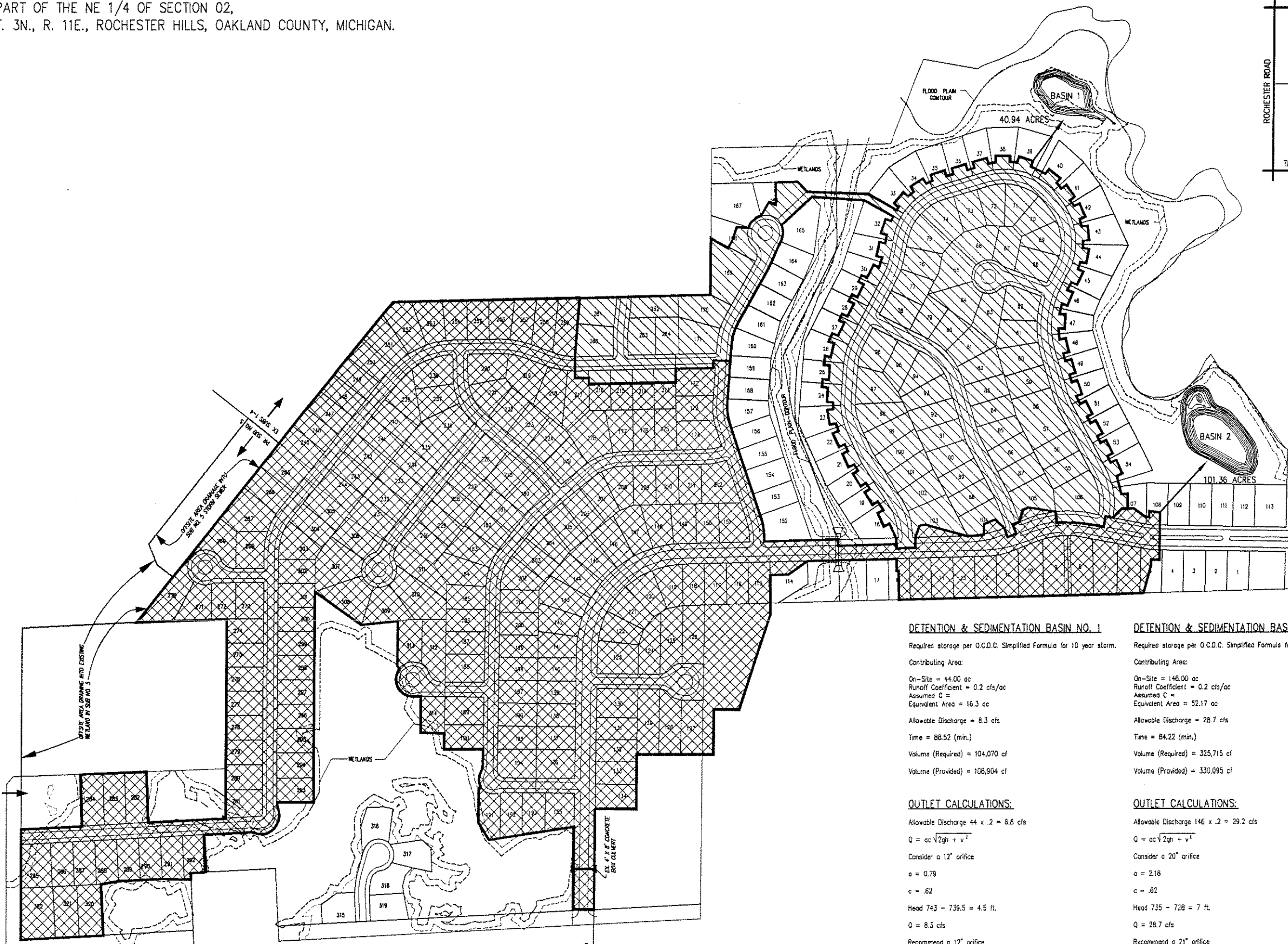
PART OF THE NE 1/4 OF SECTION 02,  
T. 3N., R. 11E., ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN.



LOCATION MAP  
NOT TO SCALE



SEE CHANGE FROM ORIGINAL THROUGH  
WELL BE ACCOMMODATED FROM MAY 2014  
DESIGN OF CLEAR CREEK SUB NO. 5



### DETENTION & SEDIMENTATION BASIN NO. 1

Required storage per O.C.D.C. Simplified Formula for 10 year storm.

Contributing Area:

- On-Site = 44.00 ac
- Runoff Coefficient = 0.2 cfs/ac
- Assumed C =
- Equivalent Area = 16.3 ac
- Allowable Discharge = 8.3 cfs
- Time = 88.52 (min.)
- Volume (Required) = 104,070 cf
- Volume (Provided) = 108,904 cf

### OUTLET CALCULATIONS:

- Allowable Discharge  $44 \times 2 = 8.8$  cfs
- $Q = ac \sqrt{2gh + v^2}$
- Consider a 12" orifice
- $a = 0.79$
- $c = .62$
- Head  $743 - 739.5 = 4.5$  ft.
- $Q = 8.3$  cfs
- Recommend a 12" orifice

### BASIN #1

ORIGINAL CONTRIBUTING AREA:  
44.00 ACRES  
ACTUAL CONTRIBUTING AREA:  
40.94 ACRES

### DETENTION & SEDIMENTATION BASIN NO. 2

Required storage per O.C.D.C. Simplified Formula for 10 year storm.

Contributing Area:

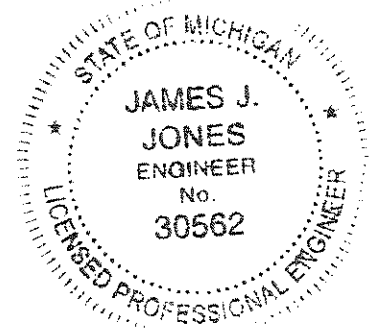
- On-Site = 146.00 ac
- Runoff Coefficient = 0.2 cfs/ac
- Assumed C =
- Equivalent Area = 52.17 ac
- Allowable Discharge = 28.7 cfs
- Time = 84.22 (min.)
- Volume (Required) = 325,715 cf
- Volume (Provided) = 330,095 cf

### OUTLET CALCULATIONS:

- Allowable Discharge  $146 \times 2 = 29.2$  cfs
- $Q = ac \sqrt{2gh + v^2}$
- Consider a 20" orifice
- $a = 2.18$
- $c = .62$
- Head  $735 - 728 = 7$  ft.
- $Q = 28.7$  cfs
- Recommend a 21" orifice

### BASIN #2

ORIGINAL CONTRIBUTING AREA:  
146.00 ACRES  
ACTUAL CONTRIBUTING AREA:  
101.36 ACRES



NOTE: ULTIMATE OUTLET FOR SUB NO. 5  
IS DETENTION BASIN NO. 2

NOTE:  
NOT TO BE USED AS CONSTRUCTION DRAWINGS.

12-12-07 revisions c.l.s.

**J ASSOCIATES, INC.**  
Civil Engineering and Surveying

44444 Mound Road, Suite 100  
Sterling Heights, Michigan 48314  
Telephone (586) 726-9111  
Fax (586) 726-9112

**FORMERLY MCS ASSOCIATES, INC.**

CLEAR CREEK SUB. No. 1-5  
PART OF THE NE 1/4 OF SECTION 02, T. 3N., R. 11E., CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

DATE 08-30-06 SCALE 1" = 200'  
DRAWN BY J.D.P. SHEET 21 OF 25  
CHECKED BY J.J.J. DRAWING PS-05-799





**tree replacement summary (sht.L-2)**

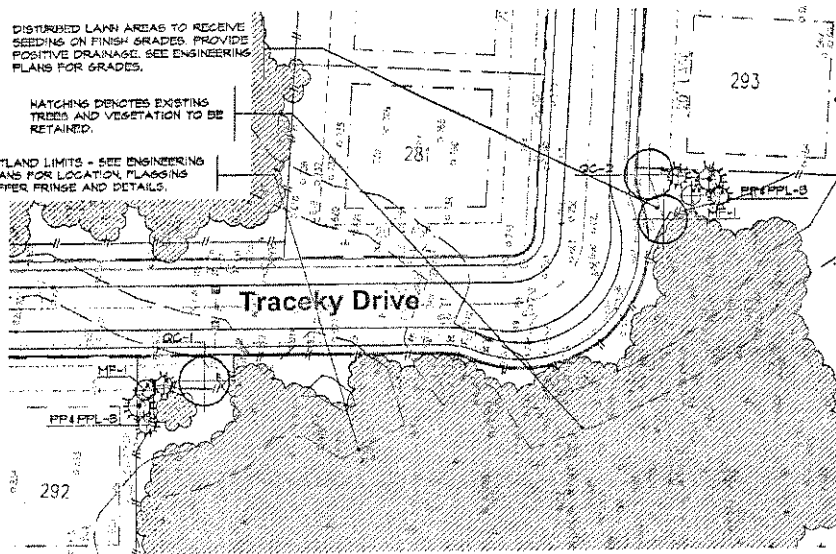
TOTAL NO. OF TREE REPLACEMENT CREDITS PROVIDED ON SHT. L-2: 208

31	3" or 10' ORNAMENTAL TREES @ 1.0 - REPLACEMENT CREDITS	31
22	4" DECIDUOUS TREES @ 9.0 - REPLACEMENT CREDITS	66
54	6" EVERGREEN TREES @ 1.0 - REPLACEMENT CREDITS	54
36	10" EVERGREEN TREES @ 2.0 - REPLACEMENT CREDITS	72

DISTURBED LAWN AREAS TO RECEIVE SEEDING ON FINISH GRADES. PROVIDE POSITIVE DRAINAGE. SEE ENGINEERING PLANS FOR GRADES.

HATCHING DENOTES EXISTING TREES AND VEGETATION TO BE RETAINED.

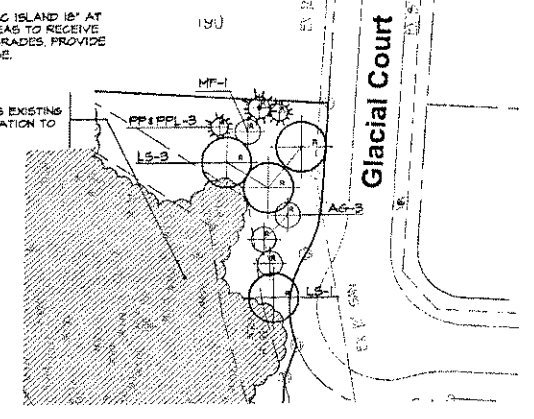
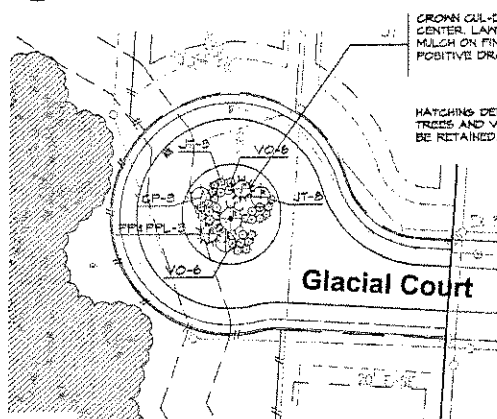
WETLAND LIMITS - SEE ENGINEERING PLANS FOR LOCATION, FLAGGING BUFFER FRINGS AND DETAILS.



**2B open space planting detail**  
SCALE: 1"=50'-0"

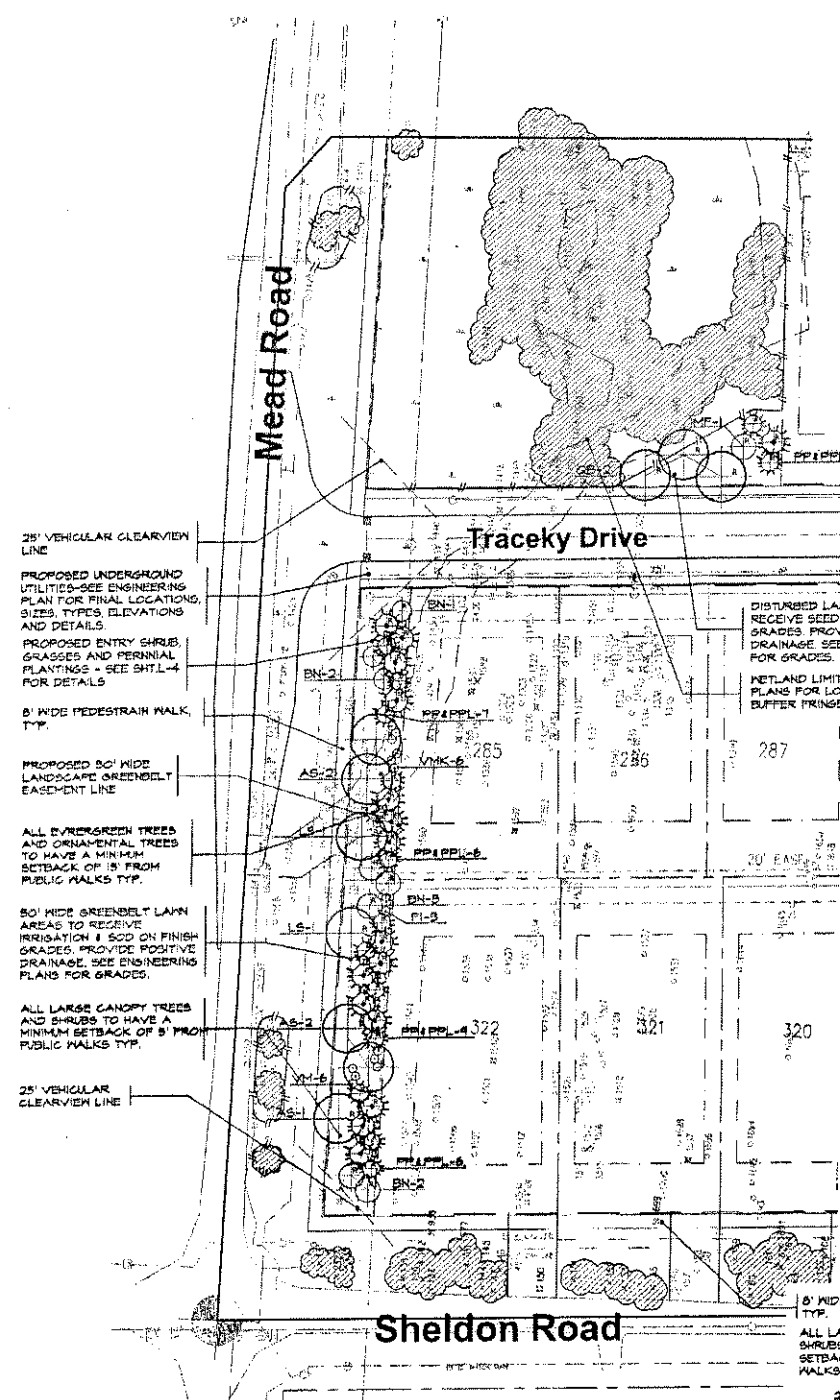
**2D cul-de-sac island planting detail**  
SCALE: 1"=50'-0"

**2F cul-de-sac island planting detail**  
SCALE: 1"=50'-0"



**2E cul-de-sac island planting detail**  
SCALE: 1"=50'-0"

**2G cul-de-sac island planting detail**  
SCALE: 1"=50'-0"



25' VEHICULAR CLEARVIEW LINE  
PROPOSED UNDERGROUND UTILITIES-SEE ENGINEERING PLAN FOR FINAL LOCATIONS, SIZES, TYPES, ELEVATIONS AND DETAILS.  
PROPOSED ENTRY SHRUBS, GRASSES AND PERENNIAL PLANTINGS - SEE SHT.L-4 FOR DETAILS  
8' WIDE PEDESTRAIN WALK, TYP.  
PROPOSED 50' WIDE LANDSCAPE GREENBELT EASEMENT LINE  
ALL EVERGREEN TREES AND ORNAMENTAL TREES TO HAVE A MINIMUM SETBACK OF 8' FROM PUBLIC WALKS TYP.  
50' WIDE GREENBELT LAWN AREAS TO RECEIVE IRRIGATION & SOUP ON FINISH GRADES. PROVIDE POSITIVE DRAINAGE. SEE ENGINEERING PLANS FOR GRADES.  
ALL LARGE CANOPY TREES AND SHRUBS TO HAVE A MINIMUM SETBACK OF 8' FROM PUBLIC WALKS TYP.  
25' VEHICULAR CLEARVIEW LINE

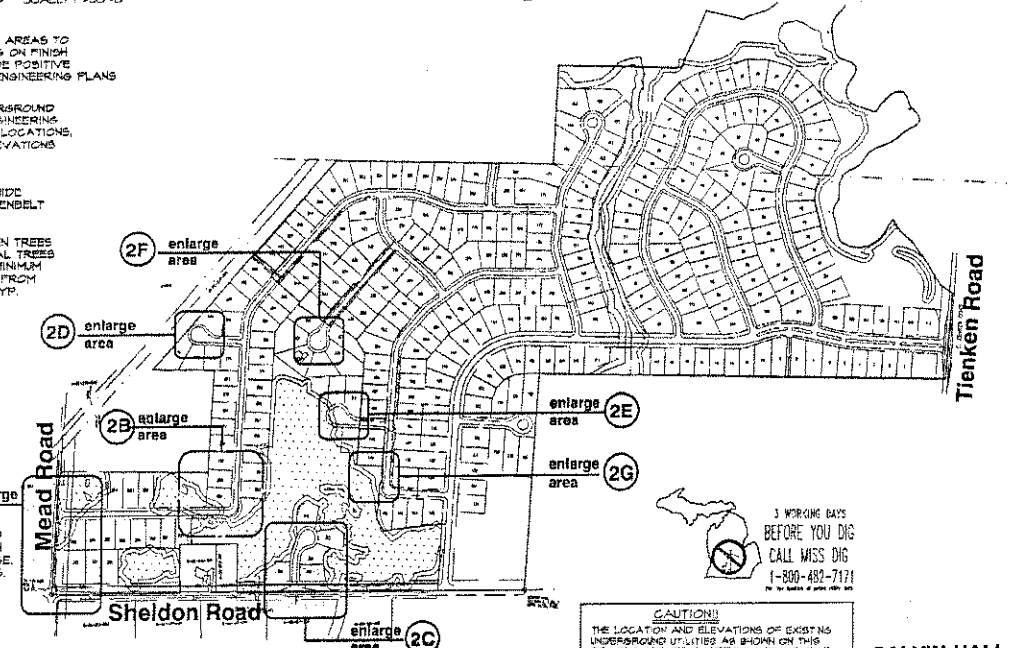
DISTURBED LAWN AREAS TO RECEIVE SEEDING ON FINISH GRADES. PROVIDE POSITIVE DRAINAGE. SEE ENGINEERING PLANS FOR GRADES.  
WETLAND LIMITS - SEE ENGINEERING PLANS FOR LOCATION, FLAGGING BUFFER FRINGS AND DETAILS.

DISTURBED LAWN AREAS TO RECEIVE SEEDING ON FINISH GRADES. PROVIDE POSITIVE DRAINAGE. SEE ENGINEERING PLANS FOR GRADES.  
PROPOSED UNDERGROUND UTILITIES-SEE ENGINEERING PLAN FOR FINAL LOCATIONS, SIZES, TYPES, ELEVATIONS AND DETAILS.  
PROPOSED 50' WIDE LANDSCAPE GREENBELT EASEMENT LINE  
ALL EVERGREEN TREES AND ORNAMENTAL TREES TO HAVE A MINIMUM SETBACK OF 8' FROM PUBLIC WALKS TYP.

ALL LARGE CANOPY TREES AND SHRUBS TO HAVE A MINIMUM SETBACK OF 8' FROM PUBLIC WALKS TYP.  
25' VEHICULAR CLEARVIEW LINE

**2A entry & greenbelt landscape planting detail**  
SCALE: 1"=50'-0"

**2C entry & greenbelt landscape planting detail**  
SCALE: 1"=50'-0"

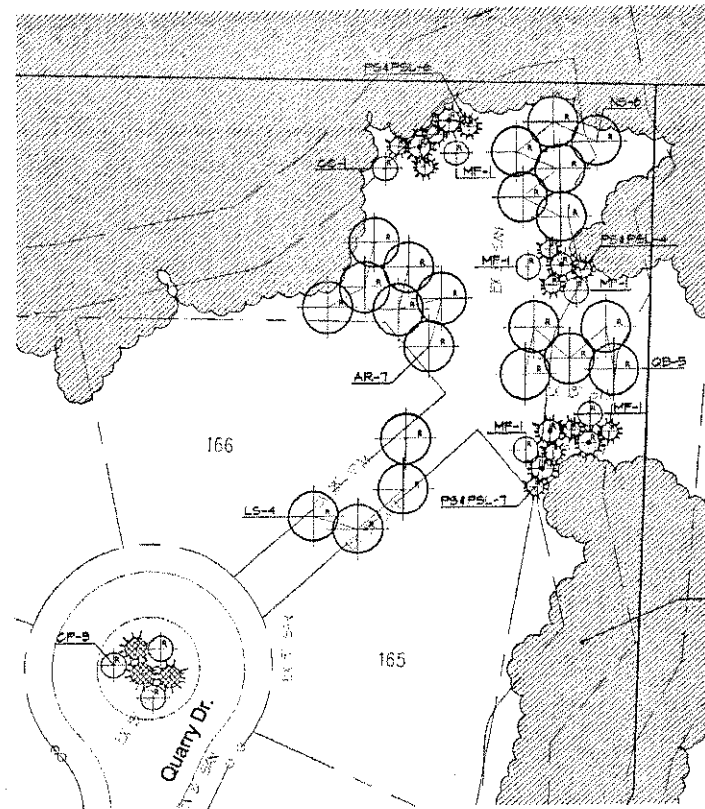


**reference map**  
NO SCALE

**CAUTION!**  
THE LOCATION AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OF ACCURACY. THEREOF THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT LOCATION AND ELEVATION PRIOR TO THE START OF CONSTRUCTION.

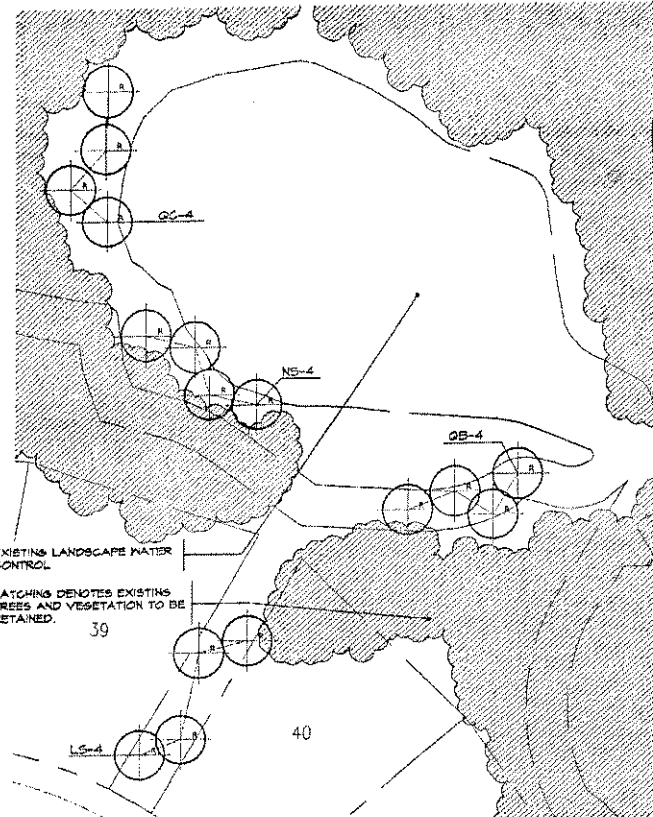
3 WORKING DAYS BEFORE YOU DIG CALL MISS DIG (1-800-482-7171)

**CALVIN HALL & ASSOCIATES**  
Professional Land Planner and registered Landscape Architect  
2999 Greenfield Rd., suite 102  
Southfield, Michigan 48076  
Phone: (248) 557-6588  
Fax: (248) 557-9416  
JAH/MS/STG/09/09  
Date: 8-22-09



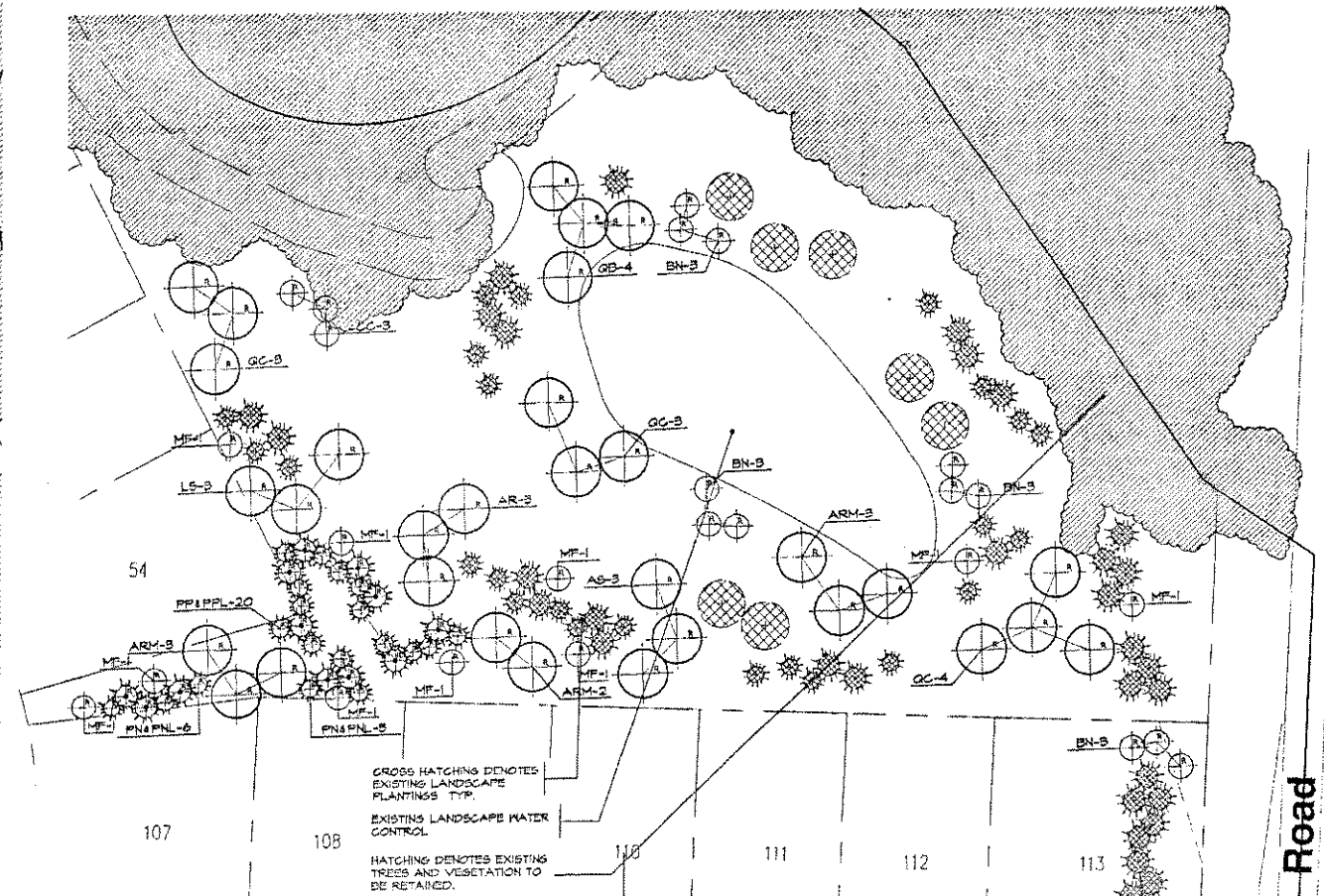
**3A open space tree replacement plantings**

SCALE: 1"=50'-0"



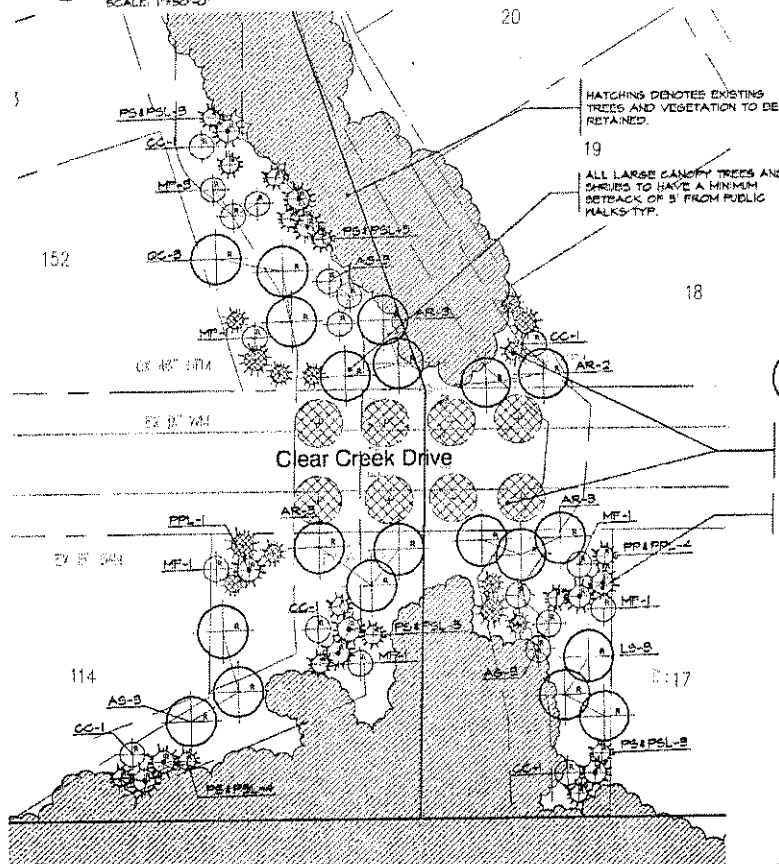
**3B open space tree replacement plantings**

SCALE: 1"=50'-0"



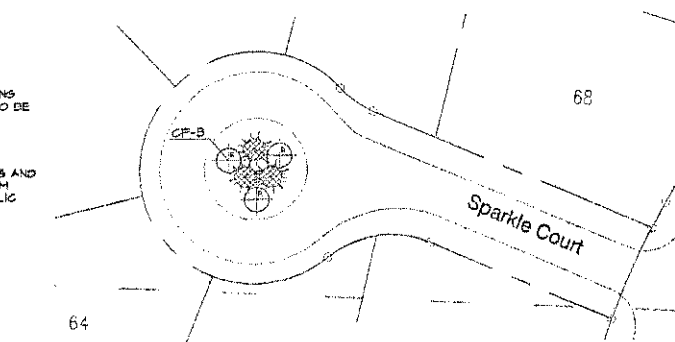
**3C open space tree replacement plantings**

SCALE: 1"=50'-0"



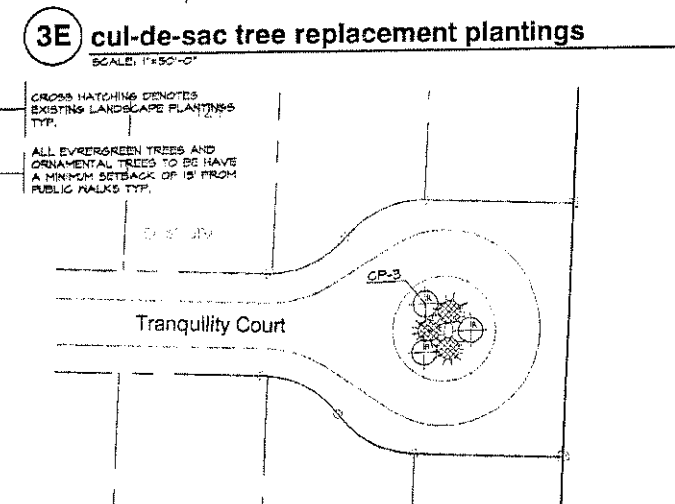
**3D open space tree replacement plantings**

SCALE: 1"=50'-0"



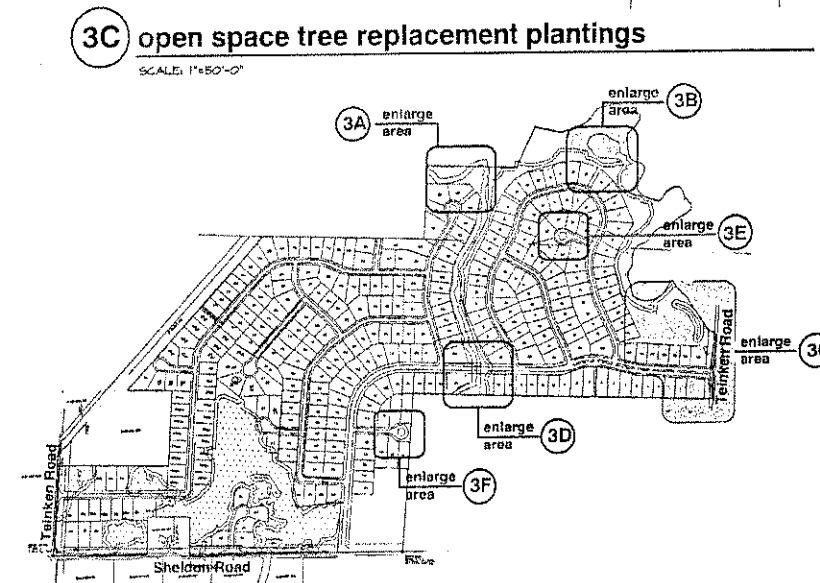
**3E cul-de-sac tree replacement plantings**

SCALE: 1"=50'-0"



**3F cul-de-sac tree replacement plantings**

SCALE: 1"=50'-0"



**reference map**

NO SCALE

**tree replacement summary (sht. L-3):**

TOTAL NO. OF TREE REPLACEMENT CREDITS PROVIDED ON SHT. L-3	424
36" 2" 10' ORNAMENTAL TREES @ 10 = REPLACEMENT CREDITS	58
42" 4" DECIDUOUS TREES @ 30 = REPLACEMENT CREDITS	276
44" 8" EVERGREEN TREES @ 10 = REPLACEMENT CREDITS	44
28" 10' EVERGREEN TREES @ 20 = REPLACEMENT CREDITS	56

**CAUTION!**  
 3 WORKING DAYS BEFORE YOU DIG  
 CALL MISS DIG  
 1-800-482-7171  
 MISSOURI MISS DIG

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**CALVIN HALL & ASSOCIATES**  
 Professional Land Planner and registered Landscape Architect  
 29655 Greenfield Rd., suite 102  
 Southfield, Michigan 48075  
 Phone: (248) 557-5328  
 Fax: (248) 557-0410  
 Job No: 15031002P  
 Date: 8.27.2022



**City of Rochester Hills landscape notes:**

**GENERAL NOTES:**

- 1) PLANT MATERIALS TO BE INSTALLED ACCORDING TO THE CITY OF ROCHESTER HILLS AND THE AMERICAN ASSOCIATION OF HORTICULTURISTS STANDARDS (LATEST EDITION).
- 2) ALL EXTERIOR, BORDERS AND PARKING ISLAND VEGETATION & TREES THAT ARE REQUIRED BY THE CITY OF ROCHESTER HILLS ORDINANCE, SHALL BE GUARANTEED BY THE DEVELOPER FOR TWO (2) FULL GROWING SEASONS.
- 3) PLANT MATERIALS TO BE OF PREMIUM QUALITY, NO. 1 GRADE, IN HEALTHY CONDITION, FREE OF PESTS, FREE OF DISEASES AND NORTHERN GROWN.
- 4) MULCH IS TO BE NATURAL COLORED SHREDDED HARDWOOD BARK OF 3" DEPTH IN THE PLANTING BED.
- 5) CALL MISS DOD AT (480) 482-7711 PRIOR TO ANY CONSTRUCTION.
- 6) DATE OF INTENDED LANDSCAPE INSTALLATION TO BE FALL 2008.

- 7) PRIOR APPROVAL IS REQUIRED TO PLANT ANY TREE OR SHRUB ON THE PUBLIC ROAD. ALL TREES & SHRUBS MUST BE PLANTED AT LEAST 10' FROM THE EDGE OF THE PUBLIC ROAD. SHADE TREES & SHRUBS MUST BE PLANTED AT LEAST 5' FROM THE EDGE OF PUBLIC WALKWAY. EVERGREEN & ORNAMENTAL TREES MUST BE PLANTED AT LEAST 10' FROM THE EDGE OF THE PUBLIC WALKWAY. NO TREES OR SHRUBS MAY BE PLANTED WITHIN THE TRIANGULAR AREA FORMED AT THE STREET INTERSECTIONS OF ANY STREET. PLANTING AT A DISTANCE ALONG EACH LINE OF 20' FROM THEIR POINT OF INTERSECTION. NO TREES OR SHRUBS MAY BE PLANTED WITHIN THE TRIANGULAR AREA FORMED AT THE INTERSECTION OF ANY DRIVEWAY WITH A PUBLIC WALKWAY AT A DISTANCE ALONG EACH LINE OF 5' FROM THEIR POINT OF INTERSECTION. ALL TREES & SHRUBS MUST BE PLANTED AT LEAST 10' FROM ANY FIRE HYDRANT. GRASS AND EVERGREEN TREES MUST BE AT LEAST 5' AWAY FROM THE NEAREST OVERHEAD WIRE. ALL TREES AND SHRUBS MUST BE PLANTED A MINIMUM OF 3' FROM ANY UNDERGROUND UTILITY, UNLESS OTHERWISE APPROVED BY THE CITY'S LANDSCAPE ARCHITECT.
- 8) PRIOR TO THE RELEASE OF THE PERFORMANCE BOND, THE CITY OF ROCHESTER HILLS FORESTRY DIVISION NEEDS TO VERIFY ALL TREES EXISTING OR PLANTED TO IDENTIFY ANY THAT POSSESS A HAZARD TO THE SAFE USE OF THE PUBLIC ROAD. FORESTRY MAY REQUIRE THE DEVELOPER TO REMOVE AND POSSIBLY REPLACE ANY SUCH TREES.

**DECIDUOUS & EVERGREEN TREE:**

- 1) TREE SHALL BEAR 1" HIGHER TO FINISH GRADE AS IT BORE ORIGINALLY OR SLIGHTLY HIGHER THAN FINISH GRADE UP TO 6" ABOVE GRADE, IF DIRECTED BY LANDSCAPE ARCHITECT FOR HEAVY CLAY SOIL AREAS.
- 2) DO NOT PRUNE TERMINAL LEADER, PRUNE ONLY DEAD OR BROKEN BRANCHES.
- 3) REMOVE ALL TAGS, STRIPS, PLASTICS AND OTHER MATERIALS THAT ARE UNDESIRABLE AND CAUSE SHEDDING.

**SHRUB:**

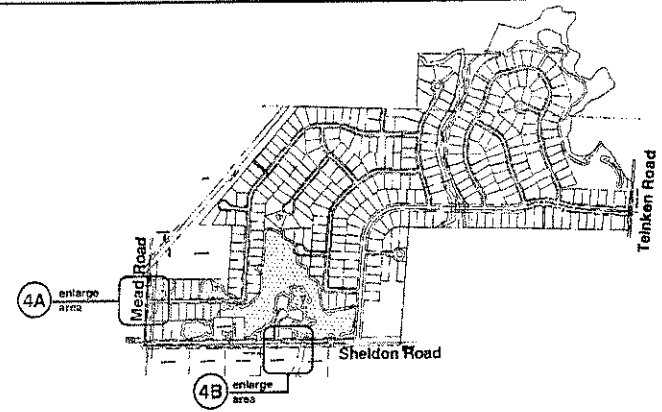
- 1) SHRUBS SHALL BEAR 1" HIGHER TO FINISH GRADE AS IT BORE ORIGINALLY OR SLIGHTLY HIGHER THAN FINISH GRADE UP TO 6" ABOVE GRADE, IF DIRECTED BY LANDSCAPE ARCHITECT FOR HEAVY CLAY SOIL AREAS.
- 2) DO NOT PRUNE TERMINAL LEADER, PRUNE ONLY DEAD OR BROKEN BRANCHES.
- 3) REMOVE ALL TAGS, STRIPS, PLASTICS AND OTHER MATERIALS THAT ARE UNDESIRABLE AND CAUSE SHEDDING.

**PERENNIAL:**

- 1) PERENNIALS TO BE PLANTED UP TO BANNER AROUND TREE OR SHRUB IN THE AREA.

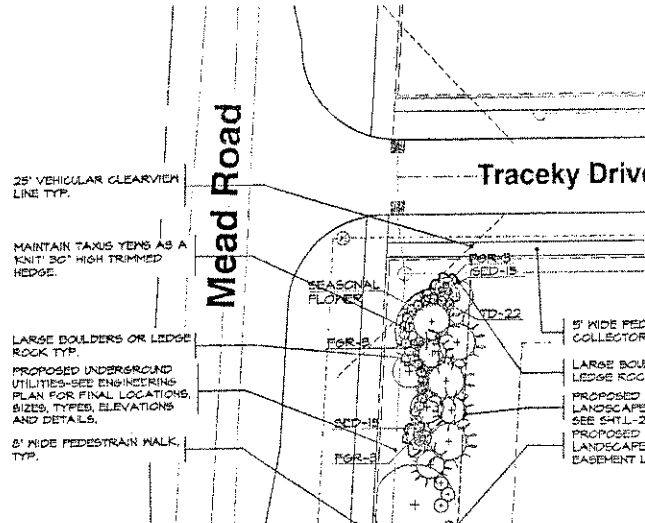
**TREE PROTECTION:**

- 1) EITHER PLASTIC OR WOOD ORANGE SHOW FENCINGS SHALL BE INSTALLED AT OR BEYOND THE CURBLINE, UNLESS MORE SUBSTANTIAL FENCING IS REQUIRED.
- 2) STAKES SHALL BE METAL, 1" DIAMETER SPACED NO FURTHER THAN 5' ON CENTER.
- 3) FENCING SHALL NOT BE INSTALLED CLOSER TO THE TREE THAN THE DIAMETER OF THOSE TREES TO BE SAVED. SPECIAL CIRCUMSTANCES SHALL BE REVIEWED BY THE CITY.
- 4) FENCING SHALL BE ERECTED PRIOR TO CONSTRUCTION. THE CITY SHALL BE NOTIFIED ONCE THE FENCING IS INSTALLED FOR INSPECTION.
- 5) UNDER NO CIRCUMSTANCES SHALL THE PROTECTIVE FENCING BE REMOVED WITHOUT PRIOR APPROVAL FROM THE CITY.
- 6) NO PERSON SHALL CONDUCT ANY ACTIVITY WITHIN THE AREAS PROPOSED TO REMAIN. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO:
  - a. NO SOLVENTS OR CHEMICALS WITHIN THE PROTECTED AREAS.
  - b. NO BUILDING MATERIALS OR CONSTRUCTION EQUIPMENT WITHIN THE PROTECTED AREAS.
  - c. NO GRADE CHANGES, INCLUDING FILL WITHIN THE PROTECTED AREAS.
  - d. NO REMOVAL OF VEGETATION FROM THE GROUND UP WITHOUT PERMISSION FROM THE INSPECTOR REVIEWING AUTHORITY, INCLUDING THE HOODLANDS REVIEW BOARD.
- 7) ANY REQUIRED SHALL NEEDS TO BE DIRECTED AROUND THE PROTECTED AREAS. IN INSTANCES WHERE SPACES ARE APPROVED THROUGH A PROTECTED AREA, THE SPACES NEED TO BE HAND DUG, HAZARDOUS OF ANY KIND IS PROHIBITED.
- 8) NEARBY HOODLANDS OR ISOLATED TREES ADJACENT TO THE PROPERTY ARE ALSO REQUIRED TO BE PROTECTED WHETHER OR NOT THEY ARE SHOWN ON THE PLAN.

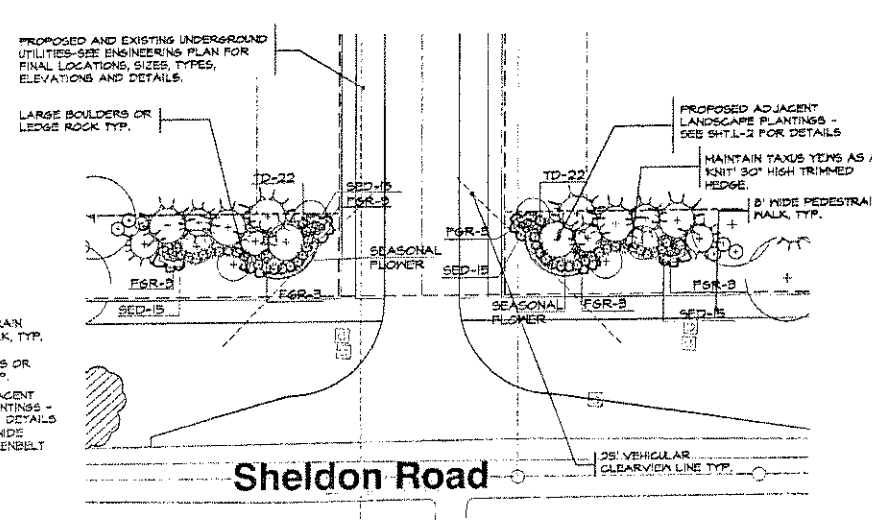


**reference key map**  
NO SCALE

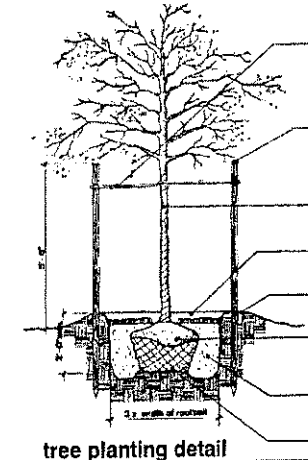
key	quantity	general landscape plant material list		cost estimate				
		botanical name	common name	size	replacement cost	unit cost	estimated tree unit amount	general landscape unit amount
<b>LARGE DECIDUOUS TREES</b>								
AG	5	ACER & SERRA MOUNTAIN	SERRA MOUNTAIN SWEET HAZEL	4" BB	3.0	\$450.00	\$1,350.00	N/A
AK	2	ACER & SERRA MOUNTAIN	RED BUNNET RED HAZEL	4" BB	3.0	\$450.00	\$900.00	N/A
ARH	1	ACER RUDOLPH	RED HAZEL (MULTI-STEM)	4" BB	3.0	\$450.00	\$450.00	N/A
NS	10	NYSSA SPYGLASS	BLACK OAK	4" BB	3.0	\$450.00	\$4,500.00	N/A
OC	15	QUERCUS BIGLEAF	SHARP LEAF OAK	4" BB	3.0	\$300.00	\$4,500.00	N/A
OC	11	QUERCUS COCAINEA	SCARLET OAK	4" BB	3.0	\$450.00	\$4,950.00	N/A
LS	14	LIQUIDAMBAR STRACONIA	SWEET BIRCH	4" BB	3.0	\$450.00	\$6,300.00	N/A
<b>SMALL DECIDUOUS TREES</b>								
BN	4	BETULA NISRA	KNOW BIRCH (MULTI-STEM)	10" BB	1.0	\$225.00	\$875.00	N/A
CC	4	CERIS CANADENSIS	REDBUD (MULTI-STEM)	10" BB	1.0	\$225.00	\$875.00	N/A
JP	3	JAPANESE FLORIBUNDA	JAPANESE FLORIBUNDA	10" BB	1.0	\$225.00	\$675.00	N/A
GP	4	GRATEGUS PRACONOPHYLL	THORNLESS WASHINGTON HANDBORN GALT-STEM	10" BB	1.0	\$225.00	\$900.00	N/A
AG	6	ACER SERRA MOUNTAIN	AMERICAN BIRCH	10" BB	1.0	\$225.00	\$1,350.00	N/A
<b>SHRUBS</b>								
VC	56	VIBURNUM X LORAZUM	COMPACT AMERICAN CANNONBUSH	8" x 5 1/2" BB	NONE	\$35.00	N/A	\$1,960.00
VMK	4	VIBURNUM X LORAZUM	MOHAWK VIBURNUM	3" x 3 1/2" BB	NONE	\$35.00	N/A	\$140.00
VF	12	VIBURNUM X LORAZUM	PARSONS LEAF VIBURNUM	3" x 3 1/2" BB	NONE	\$35.00	N/A	\$420.00
VI	5	VIBURNUM X LORAZUM	BURCH VIBURNUM	3" x 3 1/2" BB	NONE	\$35.00	N/A	\$175.00
VH	6	VIBURNUM X LORAZUM	HARSH DOUBLEBERRY VIBURNUM	24" x 30" DB	NONE	\$400.00	N/A	\$2,400.00
VI	48	VIBURNUM X LORAZUM	TAMM LINDER	24" x 30" DB	NONE	\$400.00	N/A	\$19,200.00
VI	66	VIBURNUM X LORAZUM	JAPANESE DENSE YEM	24" x 30" DB	NONE	\$400.00	N/A	\$26,400.00
<b>EVERGREENS</b>								
PS	20	PINUS SYLVESTRIS	BALTIMORE WHITE PINE	6" DB	3.0	\$100.00	\$2,000.00	N/A
PSL	14	PINUS SYLVESTRIS	EASTERN WHITE PINE	10" DB	3.0	\$100.00	\$1,400.00	N/A
SP	18	PICEA MARMI	COLORADO GREEN SPRUCE	6" DB	3.0	\$100.00	\$1,800.00	N/A
SP	16	PICEA MARMI	COLORADO GREEN SPRUCE	10" DB	3.0	\$100.00	\$1,600.00	N/A
PN	6	PINUS NISRA	AUSTRIAN PINE	6" DB	3.0	\$100.00	\$600.00	N/A
PN	8	PINUS NISRA	AUSTRIAN PINE	10" DB	3.0	\$100.00	\$800.00	N/A
<b>ORNAMENTS AND PERENNIALS</b>								
BD	10	BEGONIA X AUTUMN LEAF	AUTUMN LEAF BEGONIA	10" BB	NONE	\$35.00	N/A	\$350.00
PK	24	PERENNIALS	ROBTAIN GRASS	10" BB	NONE	\$35.00	N/A	\$840.00
<b>MISCELLANEOUS</b>								
SO	500	SOIL				\$3.50/50 YD	N/A	\$1,750.00
SE	100	SEEDS				\$1.25/50 YD	N/A	\$1,250.00
SH	10	SHREDDED HARDWOOD MULCH				\$24.00/50 YD	N/A	\$240.00
<b>SUB-TOTAL</b>								
						\$149,500.00	\$338,200.00	



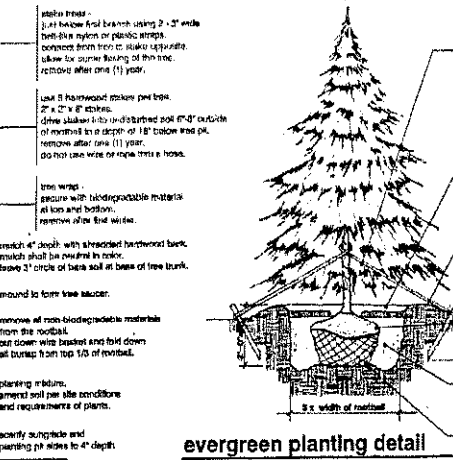
**4A entry planting detail**  
SCALE 1"=30'-0"



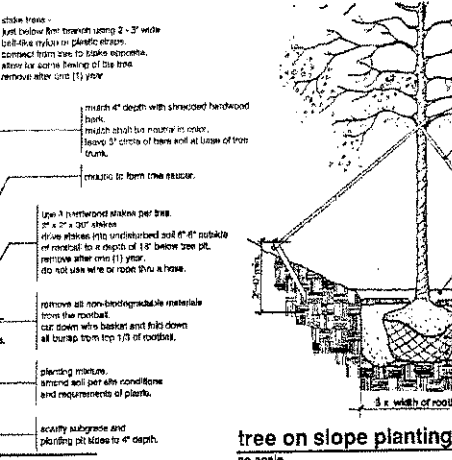
**4B entry planting detail**  
SCALE 1"=30'-0"



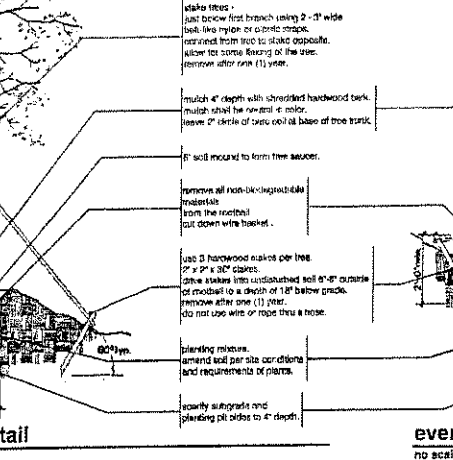
**tree planting detail**  
no scale



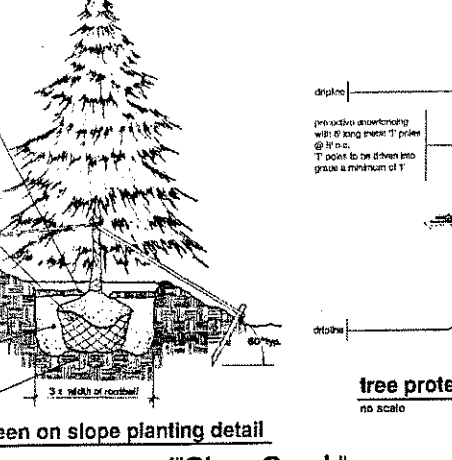
**evergreen planting detail**  
no scale



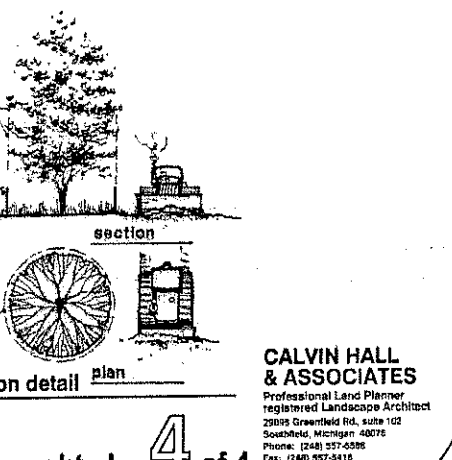
**tree on slope planting detail**  
no scale



**berm planting detail**  
no scale



**perennial planting detail**  
no scale



**shrub planting detail**  
no scale

**CALVIN HALL & ASSOCIATES**  
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Fax: (248) 557-5416