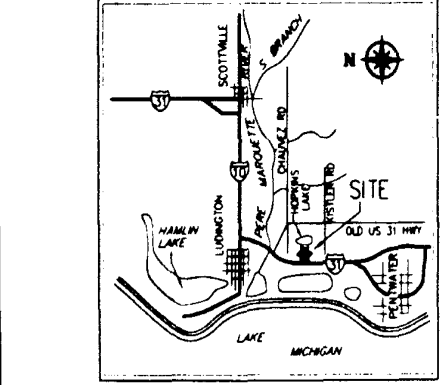


Proposed

WEST 1/4 CORNER SECTION 1, T17N, R18W



LOCATION SKETCH NOT TO SCALE

NOTE:  
BEARINGS ARE BASED ON A SOLAR OBSERVATION

SITE BENCHMARK:  
PK NAIL IN NORTH SIDE OF POWER POLE NEAR SOUTHEAST PROPERTY CORNER  
ELEV = 759.79

**LEGEND**

- SET CONCRETE MONUMENT WITH CAP - RLS NO 33978
- PROPERTY BOUNDARY
- - - INTERMEDIATE TRAVERSE LINE
- · - · - EASEMENT BOUNDARY LINE

**SURVEYOR'S CERTIFICATE**

I, GERALD T. FORD, A REGISTERED SURVEYOR OF THE STATE OF MICHIGAN, HEREBY CERTIFY THAT THE SUBDIVISION PLAN KNOWN AS MASON COUNTY CONDOMINIUM PLAN NO. 22 AS SHOWN ON THE ACCOMPANYING DRAWING, REPRESENTS A SURVEY ON THE GROUND MADE UNDER MY DIRECTION THAT THERE ARE NO EXISTING ENCROACHMENTS UPON THE LANDS AND PROPERTY HEREIN DESCRIBED THAT THE REQUIRED MONUMENTS AND IRON MARKERS HAVE BEEN LOCATED IN THE GROUND AS REQUIRED BY RULES PROMULGATED UNDER SECTION 142 OF ACT NO. 59 OF THE PUBLIC ACTS OF 1978 THAT THE ACCURACY OF THIS SURVEY IS WITHIN THE LIMITS REQUIRED BY THE RULES PROMULGATED UNDER SECTION 142 OF ACT NO. 59 OF THE PUBLIC ACTS OF 1978 THAT THE BEARINGS, AS SHOWN, ARE NOTED ON THE SURVEY PLAN AS REQUIRED BY THE RULES PROMULGATED UNDER SECTION 142 OF ACT NO. 59 OF THE PUBLIC ACTS OF 1978

9/14/99  
DATE

*Gerald T. Ford*  
GERALD T. FORD  
REGISTERED LAND SURVEYOR NO. 33978  
HOLLAND ENGINEERING INC  
418 E 8TH ST. HOLLAND MI 49423



**HOLLAND ENGINEERING**

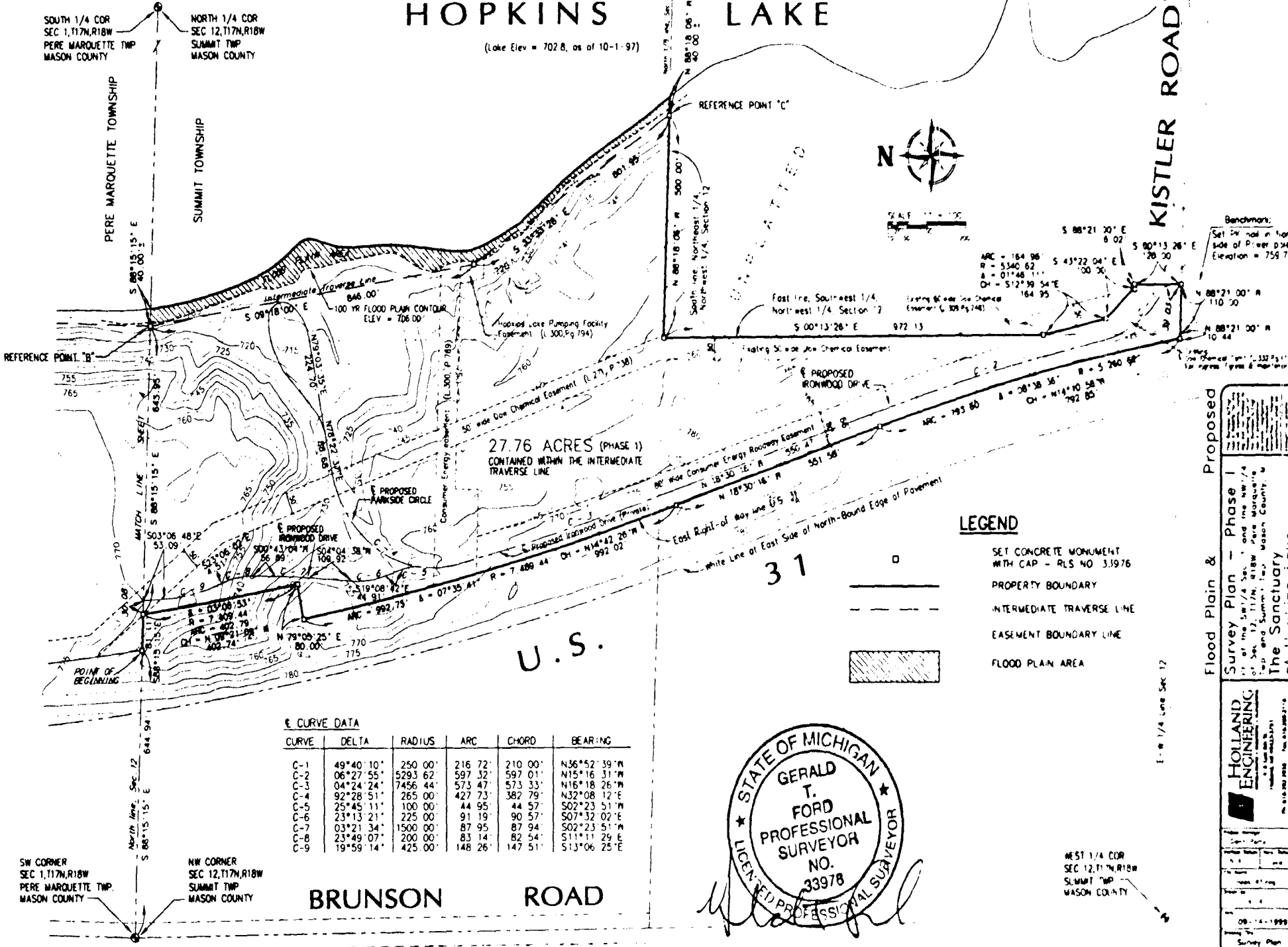
Survey Plan of the SW 1/4 Sec 11 of the SW 1/4 U.S. Sec 12, T17N R18W hereinafter called "The Sanctuary at Hopkins Lake"

99-03-326

# HOPKINS LAKE

(Lake Elev = 702.8, as of 10-1-97)

KISTLER ROAD



27.76 ACRES (PHASE I)  
CONTAINED WITHIN THE INTERMEDIATE  
TRAVERSE LINE

### LEGEND

- SET CONCRETE MONUMENT WITH CAP - RLS NO. 33978
- PROPERTY BOUNDARY
- - - INTERMEDIATE TRAVERSE LINE
- - - EASEMENT BOUNDARY LINE
- ▨ FLOOD PLAN AREA

### Curve Data

CURVE	DELTA	RADIUS	ARC	CHORD	BEARING
C-1	49°40'10"	250.00'	216.72'	210.00'	N36°52'39"W
C-2	06°27'55"	5293.62'	597.32'	597.01'	N15°16'31"W
C-3	04°24'24"	7456.44'	573.47'	573.33'	N16°18'26"W
C-4	92°28'51"	265.00'	427.73'	382.79'	N32°08'12"E
C-5	25°45'11"	100.00'	44.95'	44.57'	S02°23'51"W
C-6	23°13'21"	225.00'	91.19'	90.57'	S07°32'02"E
C-7	03°21'34"	1500.00'	87.95'	87.94'	S02°23'51"W
C-8	23°49'07"	200.00'	83.14'	82.54'	S11°11'29"E
C-9	19°59'14"	425.00'	148.26'	147.51'	S13°06'25"E



Flood Plain & Proposed Survey Plan - Phase I of the SW 1/4 Sec. 12 and the NW 1/4 of Sec. 17, T17N, R18W, Pere Marquette and Summit Twp., Mason County, Michigan.

**HOLLAND ENGINEERING**  
 1000 W. 11th St., Mason City, IA 50401  
 Phone: 515-281-1111

DATE	06-14-1999
SURVEY PLAN	
BY	G.T.F.
NO.	99-03-326

WEST 1/4 COR  
 SEC 12, T17N, R18W  
 SUMMIT TWP.  
 MASON COUNTY

E - W 1/4 Line Sec 12

CENTER CORNER SECTION 1  
T.17N, R.18W  
PERE MARQUETTE TWP.  
MASON COUNTY

FUTURE DEVELOPMENT

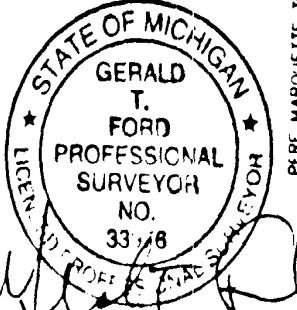


**LEGEND**

- SET CONCRETE MONUMENT WITH CAP - RLS NO. 33976
- PROPERTY BOUNDARY
- INTERMEDIATE TRAVERSE LINE
- EASEMENT BOUNDARY LINE
- FLOOD PLAIN AREA

**CURVE DATA**

CURVE	DELTA	RADIUS	ARC	CHORD	BEARING
C-10	09°17'30"	2300.00'	372.99'	372.59'	N08°29'02" W
C-11	11°52'53"	1100.00'	228.11'	227.70'	N07°11'26" W
C-12	71°36'29"	220.00'	274.96'	257.41'	N34°33'21" E
C-13	61°14'34"	160.00'	171.02'	162.49'	N40°02'31" E
C-14	63°06'40"	31.00'	34.15'	32.45'	N40°40'22" E
C-15	50°47'33"	39.00'	34.57'	33.45'	N46°49'55" E



**HOPKINS LAKE**

(Lake Elev = 702.8, as of 10-01-97)  
(Lake Elev = 701.85, as of 04-09-99)

48.21 ACRES (PHASE 2)  
CONTAINED WITHIN THE INTERMEDIATE TRAVERSE LINE

E PROPOSED IRONWOOD DRIVE (PRIVATE)

E PROPOSED IRONWOOD DRIVE (PRIVATE)

East & West 1/4 Line, Section 1  
S 88°25'16" E

E-W 1/4 Line, Sec. 1  
S 88°20'18" E

GOLF COURSE

W. 1/4 CORNER SECTION 1  
T.17N, R.18W.  
PERE MARQUETTE TWP  
MASON COUNTY

North Line, South 26 Acres, Northwest 1/4, Southeast 1/4, Section 1  
795 1/4, Southwest 1/4, Section 1  
790 S 88°20'18" E

U.S. 31

U.S. 31

SW CORNER SEC. 1, T.17N, R.18W PERE MARQUETTE TWP MASON COUNTY

NW CORNER SEC. 12, T.17N, R.18W SUMMIT TWP MASON COUNTY

Flood Plain & Proposed

Survey Plan - Phase II  
of the Sec. 14, Sec. 1, and the SW 1/4 of the SW 1/4, of Sec. 12, T.17N, R.18W, Pere Marquette and Summit Twp., Mason County, Michigan

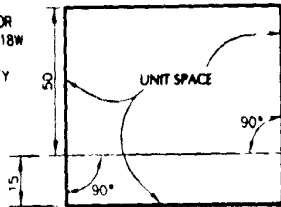
**HOLLAND ENGINEERING**  
1111 1/2 W. 10th St. S.E. Grand Rapids, MI 49506  
Tel: 616-754-2110 Fax: 616-754-2110

1994-1999 Survey Plan 4 of 11  
99-03-316

SOUTH 1/4 COR SEC 1,117N,R18W PERE MARQUETTE TWP MASON COUNTY  
NORTH 1/4 COR SEC 12,117N,R18W SUMMIT TWP MASON COUNTY

**LEGEND**

- SET CONCRETE MONUMENT WITH CAP - RLS NO 33976
- COORDINATE POINT
- LIMITED COMMON ELEMENT
- GENERAL COMMON ELEMENT
- PROPERTY BOUNDARY
- UNIT BOUNDARY
- EASEMENT BOUNDARY LINE
- OVERHEAD POWER
- GAS MAIN
- UNIT NUMBER



EXISTING GROUND LEVEL OF UNIT AT BUILDING SITE

LIMITED COMMON ELEMENT

CROSS-SECTION THROUGH TYPICAL UNIT

**UTILITY INFORMATION**

UTILITY	SOURCE
STORM DRAINAGE	COUNTY DRAIN COMMISSIONER
GAS	MICHIGAN GAS COMPANY
ELECTRIC	WESTERN MICHIGAN ELECTRIC
TELEPHONE	AMERITECH

NOTE: EACH UNIT WILL REQUIRE INDIVIDUAL WELL AND SEPTIC SYSTEM

4 88' 18 56" W  
40 20' 2"

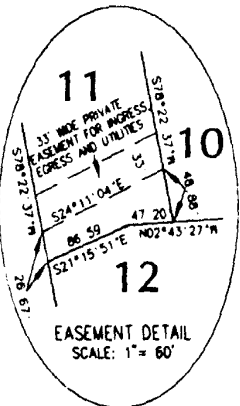
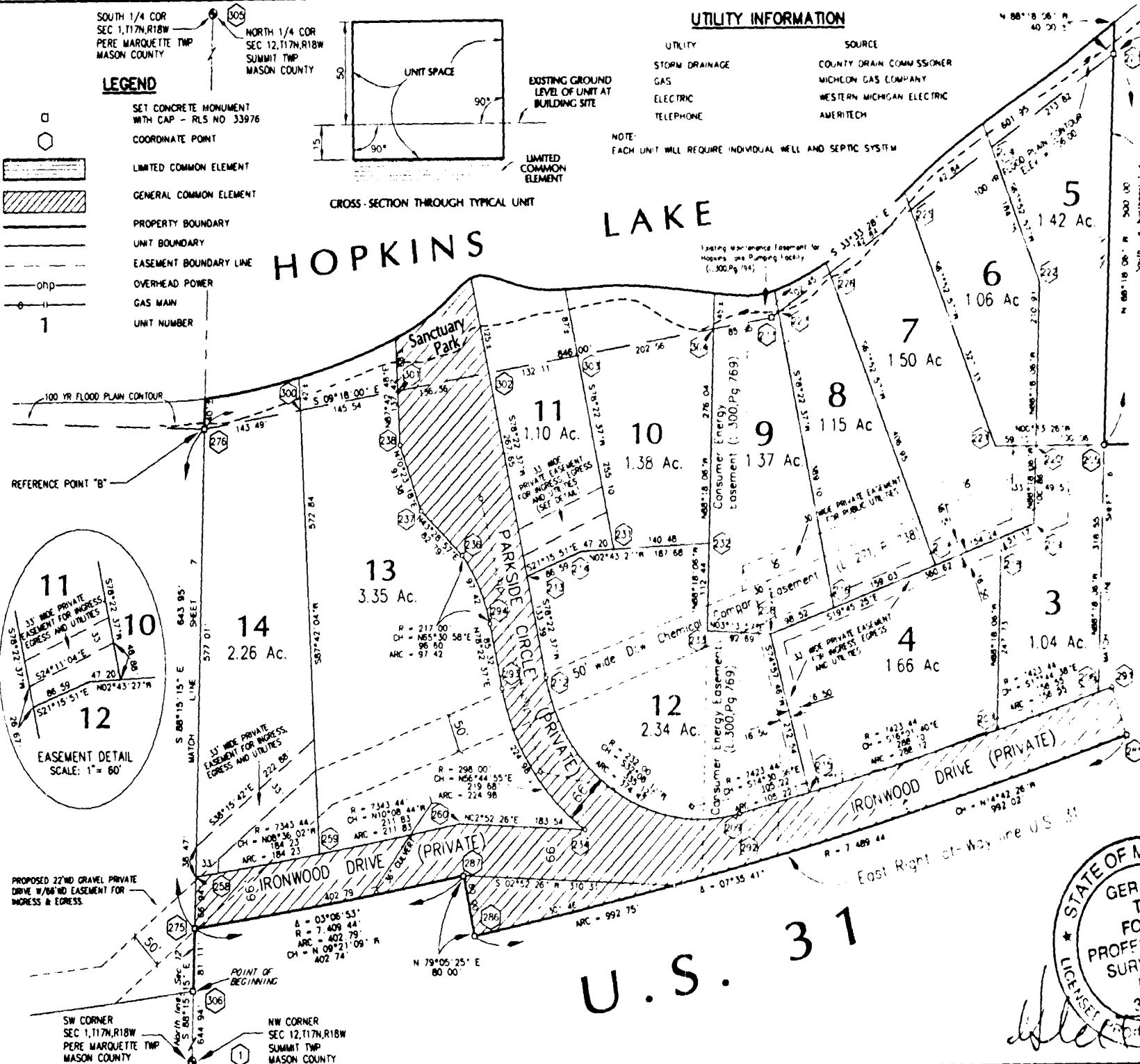
REFERENCE POINT 'C'



SCALE 1" = 60'

NOTE: SEE SHEET 5 FOR LIST OF COORDINATES

**HOPKINS LAKE**



Proposed

**Site & Utility Plan**  
of the SW 1/4 Sec 12, 117N, R18W, Pere Marquette Twp, Mason County, Michigan and Summit Twp, Mason County, Michigan.

**HOLLAND ENGINEERING**  
Professional Engineer  
No. 33976

99-03-326

STATE OF MICHIGAN  
GERALD T. FORD  
PROFESSIONAL SURVEYOR  
NO. 33976

U.S. 31

East Right-of-Way line U.S. 31

PROPOSED 22' WIDE GRAVEL PRIVATE DRIVE W/ 76' WIDE EASEMENT FOR INGRESS & EGRESS

POINT OF BEGINNING

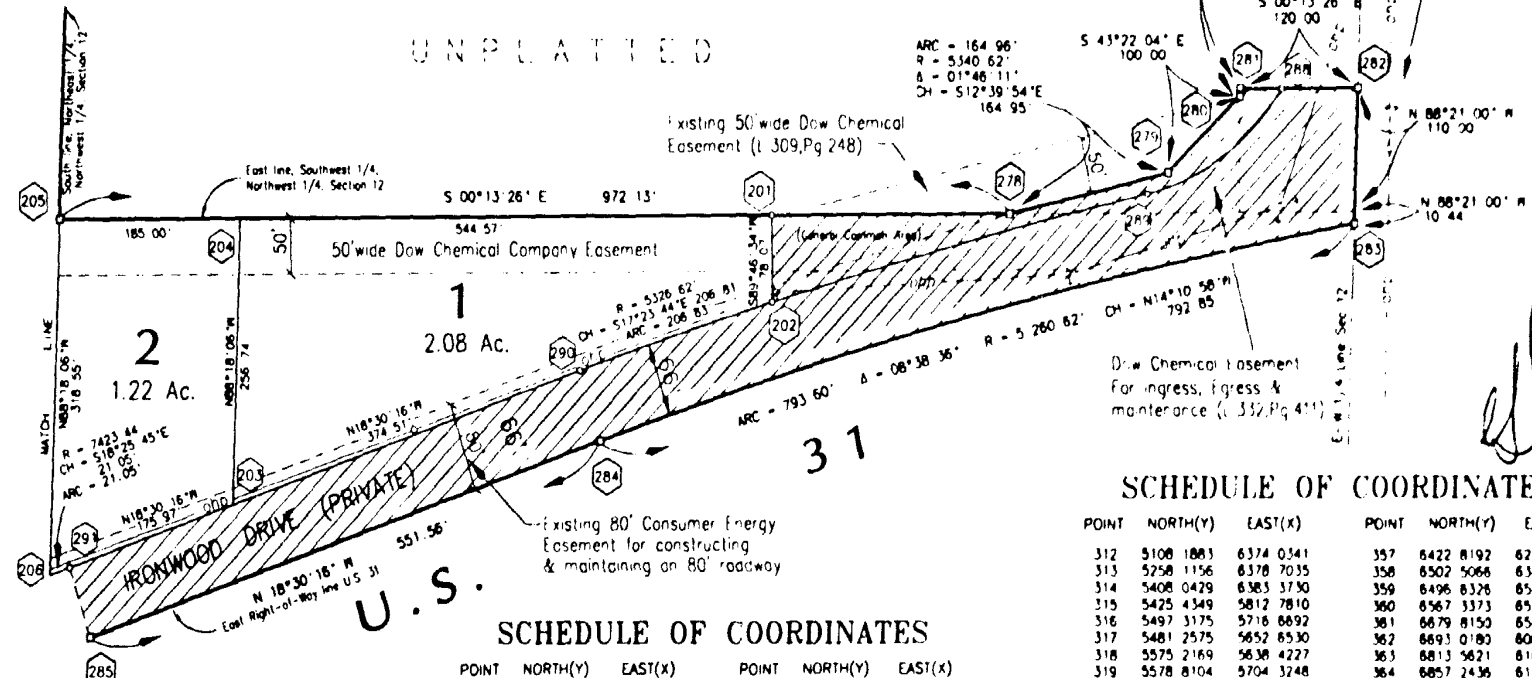
SW CORNER SEC 1,117N,R18W PERE MARQUETTE TWP MASON COUNTY

NW CORNER SEC 12,117N,R18W SUMMIT TWP MASON COUNTY

**UTILITY INFORMATION**

UTILITY	SOURCE
STORM DRAINAGE	COUNTY DRAIN COMMISSIONER
GAS	MICHCON GAS COMPANY
ELECTRIC	WESTERN MICHIGAN ELECTRIC
TELEPHONE	AMERITECH

NOTE:  
EACH UNIT WILL REQUIRE INDIVIDUAL WELL AND SEPTIC SYSTEM



**SCHEDULE OF COORDINATES**

POINT	NORTH(Y)	EAST(X)	POINT	NORTH(Y)	EAST(X)
1	5000 0000	5000 0000	258	4975 8405	5792 6185
201	2907 0120	6341 8995	259	4793 6836	5820 1685
202	2906 7089	6263 8279	260	4585 1695	5857 4816
203	3459 1874	6083 1417	275	4977 8797	5725 7154
204	3451 5778	6339 7717	276	4958 2612	6369 3665
205	3636 5776	6339 0474	277	4123 3813	6506 0833
206	3846 0178	6020 6418	278	2664 4550	6342 8461
207	3795 1219	5972 9308	279	2503 5169	6379 0122
208	4127 1695	6098 6474	280	2430 8208	6447 6801
209	4173 8922	5867 0210	281	2430 8474	6453 6976
212	4457 6686	6045 2851	282	2310 6484	6454 1665
213	4484 5439	6175 9459	283	2314 1163	6333 7764
214	4403 8480	6207 3496	284	3082 0645	6139 7602
215	4072 0259	5893 3842	285	3605 8303	5984 4657
216	4034 4504	6131 9496	286	4580 4895	5791 1681
217	3884 7796	6185 7073	287	2388 1089	6453 8690
218	3787 7795	6220 5470	289	2524 5397	6360 2695
219	3739 6213	6237 8442	290	3104 0429	6202 0027
220	3736 6319	6338 6580	291	3626 0567	6027 2933
221	3795 7287	6338 4271	292	4270 5723	5775 6054
222	3730 3807	6549 4788	293	4522 3152	6031 9890
223	3621 7590	6838 8278	294	4539 5050	6115 5604
224	3799 9392	6720 8307	300	4816 6613	6392 5520
225	3918 9701	6641 6731	301	4673 0361	6416 0715
226	4038 0010	6562 7155	302	4536 4680	6436 1079
227	4112 8430	6513 0701	303	4408 0959	6459 4572
231	4356 7014	6209 5929	304	4208 1976	6492 1918
232	4216 3793	6216 2695	305	4918 6850	7667 7610
233	4219 7120	6103 8741	306	4980 3509	5644 6431
234	4401 8634	5848 2795	307	4975 6438	5799 0714
236	4579 5155	6203 4944	308	5125 5742	5803 6412
237	4639 5882	6260 4667	309	5134 3203	5711 5317
238	4670 2597	6346 5469	310	5140 2797	5777 2621
			311	5275 5046	5808 2111

**SCHEDULE OF COORDINATES**

POINT	NORTH(Y)	EAST(X)	POINT	NORTH(Y)	EAST(X)
312	5108 1883	6374 0341	357	6422 8192	6230 5484
313	5258 1156	6378 7035	358	6502 5068	6345 1987
314	5408 0429	6383 3730	359	6496 6328	6547 6183
315	5425 4349	5812 7810	360	6567 3373	6572 6710
316	5497 3175	5716 6692	361	6679 8150	6543 9857
317	5481 2575	5652 6530	362	6693 0180	6089 0086
318	5575 2169	5638 4227	363	6813 5621	6108 1536
319	5578 8104	5704 3248	364	6857 2436	6170 4807
320	5575 3653	5817 3509	365	6873 5451	6176 8804
321	5557 9703	6388 0425	366	6899 8261	6116 2941
322	5607 9460	6389 5989	367	6851 5283	6047 6020
323	5677 2100	6391 7561	368	6830 5586	6044 2367
324	5739 7249	6426 2188	369	6833 0954	5956 8187
325	5777 1080	6315 5536	370	6837 4464	5806 8818
326	5618 2182	6052 5922	371	6841 8729	5854 3458
327	5788 6902	5935 5682	372	7143 1218	5815 6661
328	5790 2435	5884 8098	373	7141 6712	5665 6469
329	5796 0042	5695 6147	374	7137 3202	5815 5838
330	6112 6785	5694 3907	375	7132 9692	5965 5207
331	6109 1786	5894 3311	376	7052 8373	6176 2904
332	6104 7668	6146 5098	377	7125 5210	6222 1859
333	6103 5912	6213 7080	378	7028 5169	6217 7249
334	6101 8955	6310 8367	379	7105 6882	6398 0575
335	5900 6293	6429 2748	380	7120 4830	6398 4861
336	5857 6367	6491 2201	381	7140 2354	6432 5148
337	6169 3790	6663 0746	382	7249 1412	6464 4968
338	6225 9538	6643 1144	383	7314 8665	6510 7105
339	6311 2508	6317 2185	384	7327 2225	6527 6295
340	6260 5823	5698 4806	385	7297 8517	6581 1128
341	6263 0685	5632 5274	386	6861 8908	6578 4992
342	6264 9519	5582 5629	387	7031 7239	6610 6728
343	6299 2030	5633 8895	388	7117 8738	6604 5409
344	6296 7169	5699 8427	389	7084 1339	6696 7564
345	6434 1481	5800 6457	390	7580 5911	6696 7564
346	6496 3084	5778 4623	391	7588 4935	6410 0445
347	6502 9868	5797 1781	392	7551 6091	7748 2738
348	6459 9220	5872 8689	393	7625 3779	5071 8152
349	6551 3466	5932 6851			
350	6489 1863	5934 8686			
351	6495 1581	5989 6444			
352	6850 8343	6015 3944			
353	6840 3764	6080 5606			
354	6584 6617	6062 6313			
355	6575 8608	6080 2371			
356	6506 1283	6165 4812			

**LEGEND**

- SET CONCRETE MONUMENT WITH CAP - RLS NO. 33976
- COORDINATE POINT
- LIMITED COMMON ELEMENT
- GENERAL COMMON ELEMENT
- PROPERTY BOUNDARY
- UNIT BOUNDARY
- EASEMENT BOUNDARY LINE
- UNIT NUMBER
- GAS MAIN
- OVERHEAD POWER

Proposed

Site & Utility Plan of the SW 1/4 Sec. 12, T17N, R18W, Sec. 12, Township 17 North, Range 18 West, Mason County, Michigan and Summit Township, Mason County, Michigan. The Sanctuary of Hopkins Lake.

HOLLAND ENGINEERING

99-03-326

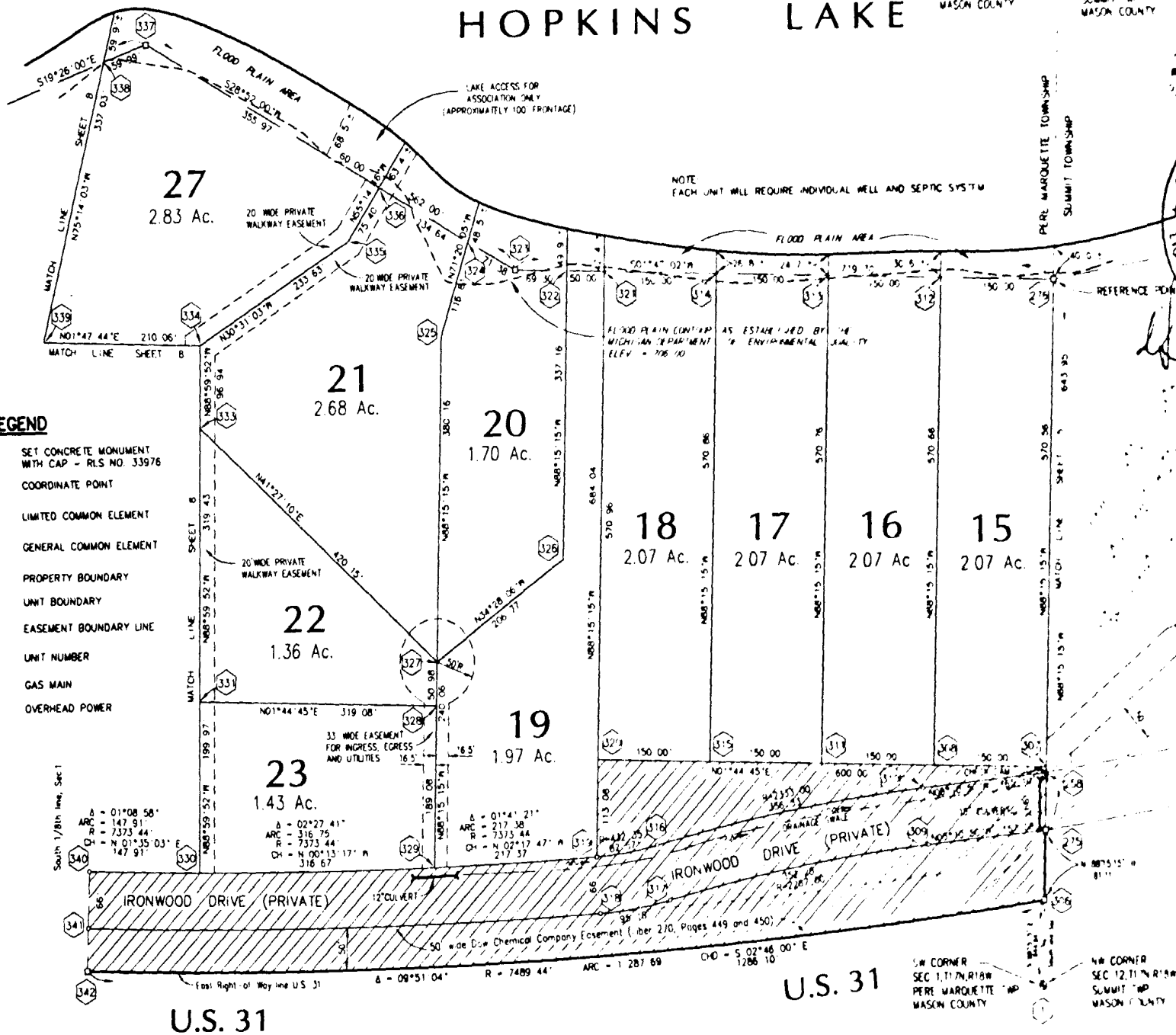
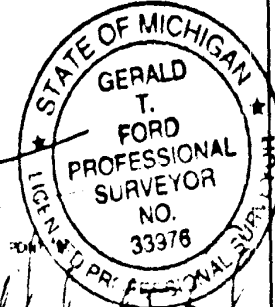
# HOPKINS LAKE

SOUTH 1/4 COR  
SEC 12.117N R18W  
PERE MARQUETTE TWP  
MASON COUNTY

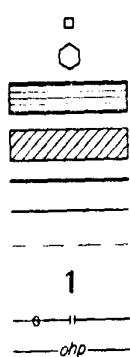
NORTH 1/4 COR  
SEC 12.117N R18W  
SUMMIT TWP  
MASON COUNTY



SCALE 1" = 50'



**LEGEND**



- SET CONCRETE MONUMENT WITH CAP - RLS NO. 33976
- COORDINATE POINT
- LIMITED COMMON ELEMENT
- GENERAL COMMON ELEMENT
- PROPERTY BOUNDARY
- UNIT BOUNDARY
- EASEMENT BOUNDARY LINE
- UNIT NUMBER
- GAS MAIN
- OVERHEAD POWER

**HOLLAND ENGINEERING**

Site & Utility Plan  
of the SW 1/4 Sec. 15 and the NW 1/4 Sec. 16, T. 12.117N, R. 18W, P. 18M, Mason County, Michigan, and Summit Twp, Mason County, Michigan.

**THE SANCTUARY AT HOPKINS LAKE**

99-03-326

CENTRAL 1/4 COR  
SEC 1, T17N, R10W  
PERE MARQUETTE TWP  
MASON COUNTY




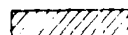

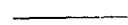


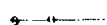

FLOOD PLAIN  
AREA

# HOPKINS LAKE

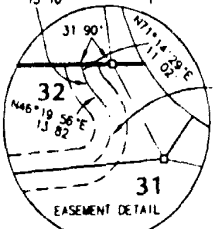
(Lake Elev = 707.8, as of 10-01-97)  
(Lake Elev = 707.85, as of 4-29-99)

NOTE:  
EACH UNIT WILL REQUIRE INDIVIDUAL WELL AND SEPTIC SYSTEM

### LEGEND

-  SET CONCRETE MONUMENT WITH CAP - RL5 NO 33976
-  COORDINATE POINT
-  UNITED COMMON ELEMENT
-  GENERAL COMMON ELEMENT
-  PROPERTY BOUNDARY
-  UNIT BOUNDARY
-  EASEMENT BOUNDARY LINE
-  UNIT NUMBER
-  GAS MAIN
-  OVERHEAD POWER

$\Delta = 24^{\circ}54'33''$   
R = 35.00'  
ARC = 15.22'  
CHD = N58^{\circ}47'12"E  
15.10'



$\Delta = 129^{\circ}27'51''$   
R = 35.00'  
ARC = 79.08'  
CHD = S68^{\circ}56'08"E  
83.30'

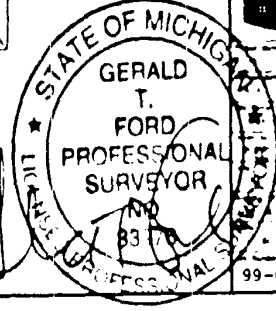
GOLF COURSE



SCALE: 1" = 60'  
0 25 50 100 200

WEST 1/4 COR  
SEC 1, T17N, R10W  
PERE MARQUETTE TWP  
MASON COUNTY

U.S. 31



Site & Utility Plan  
of the 36 1/4 Sec 1 and the NW 1/4  
of Sec 2, T17N, R10W, Mason County, MI  
as shown on Survey of Mason County, MI

HOLLAND  
ENGINEERING  
INC.  
10000 E. Grand Ave.  
Livonia, MI 48150  
P. 481-481-1111  
F. 481-481-1111

99-03-326