



Howard County
Health Department

7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

MEMORANDUM

TO: David A Walenga
Maryland Pools, Inc.

FROM: Heidi Scott
Well and Septic Program
Development Coordination Section

RE: 4074 Sharp Rd.
Percolation Certification Plan

DATE: July 9th, 2008

The following comments apply to the above referenced plan. Please revise and resubmit prior to signature.

- The plan preparer's statement must be signed ✓
- The scale is labeled incorrectly (actual scale is 1"-50') ✓
- Remove symbol for "New Passed Perc Test" from legend, no new perc tests have been completed. ✓
- No perc test locations are shown, show all original perc test locations ✓
- The septic area as shown on this plan is 20' from the right property line (western boundary). At the time of the original perc tests the septic area was established 10' from this property line (refer to drawing from original perc data). The septic area does not necessarily have to reflect this however the perc tests must be shown in the original locations ✓
- Label existing soil units (soils shown by shaded areas) ✓
- The distance labeled from the edge of the pool to the septic area reads backwards, please correct. ✓

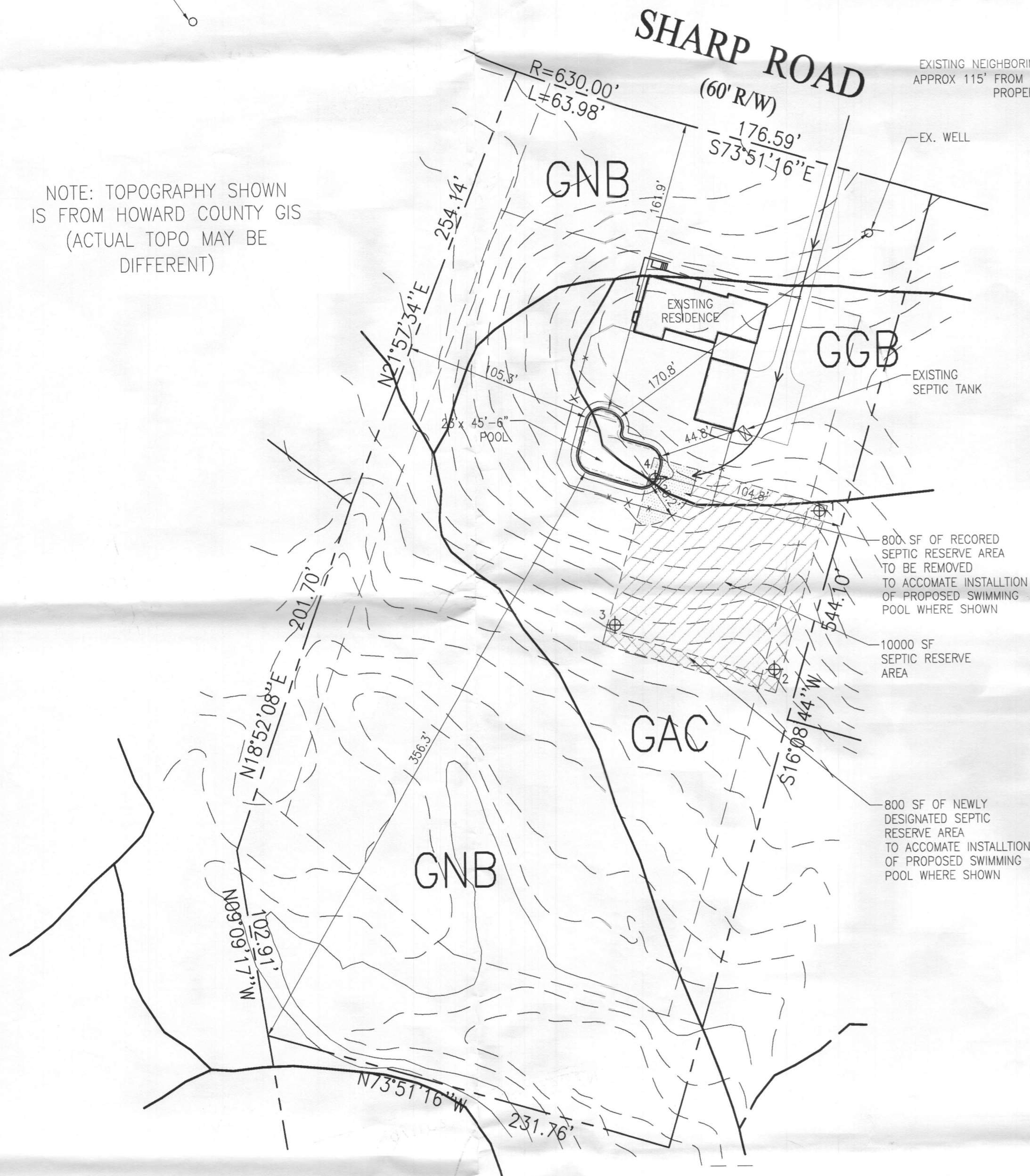
SETBACKS:
REAR PL. 10'
SIDE PL. 30'
HOUSE 0'
SEPTIC 20'
WELL 20'

PERCOLATION CERTIFICATION PLAN

A#:

EXISTING NEIGHBORING WELL
APPROX 180' FROM SUBJECT
PROPERTY LINE

NOTE: TOPOGRAPHY SHOWN
IS FROM HOWARD COUNTY GIS
(ACTUAL TOPO MAY BE
DIFFERENT)



THE LINES SHOWN HEREIN CONFORM TO THE RECORDING OF THE PERCOLATION CERTIFICATION PLAN BY THE MARYLAND DEPARTMENT OF ENVIRONMENT

SYMBOL LEGEND

- EXISTING CURVE
- PROPOSED SEPTIC DISPOSAL AREA TO BE ADDED
- EXISTING SEPTIC DISPOSAL AREA TO BE ABANDONED
- EXISTING PASSED PERC TEST

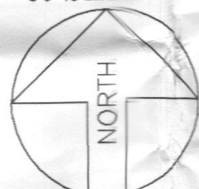
ANY CHANGES TO A PRIVATE SEWAGE PLAN SHALL REQUIRE A REVISION PERCOLATION CERTIFICATION PLAN

USE SEWAGE DISCHARGE TREATMENT FOR WASTE SEWAGE TREATMENT WHICH MEETS THE REQUIREMENTS OF THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR SEWAGE TREATMENT. THE SEWAGE TREATMENT SHALL BE DESIGNED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR SEWAGE TREATMENT. THE SEWAGE TREATMENT SHALL BE DESIGNED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR SEWAGE TREATMENT. THE SEWAGE TREATMENT SHALL BE DESIGNED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR SEWAGE TREATMENT.

PLAN PREPARER'S STATEMENT:
TO THE BEST OF MY KNOWLEDGE
THE INFORMATION CONTAINED HEREIN
ON THIS PLAN IS CORRECT AND TRUE

HOWARD COUNTY HEALTH OFFICER
APPROVED FOR PRIVATE WATER & SEWAGE

PRIVATE WELL
& SEPTIC



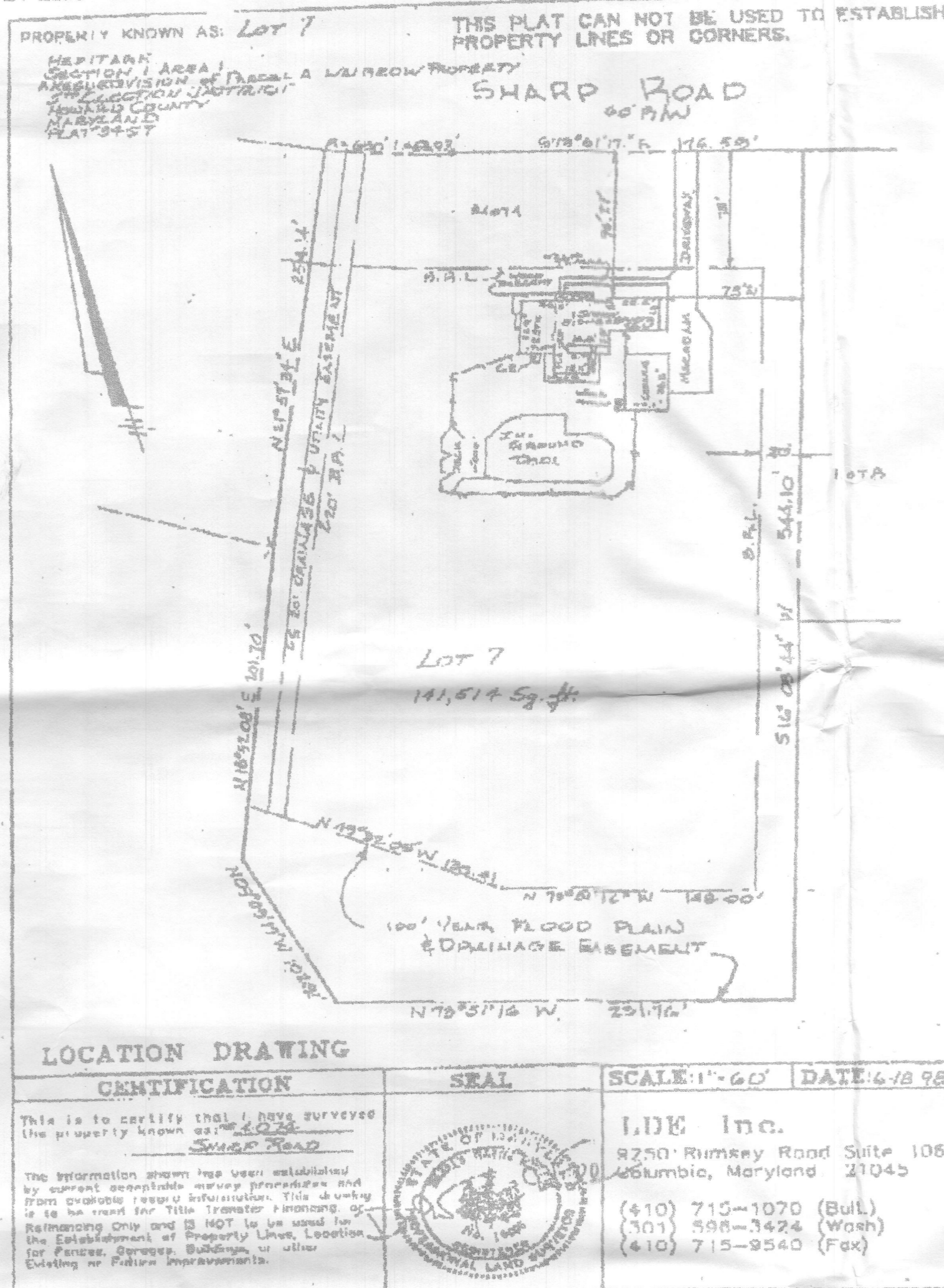
SITE PLAN

1"=50'

LOT 7

THE HERITAGE
TAX ACCOUNT # 378109
MAP 21, GRID 14, PARCEL 178
ELECTION DISTRICT NO.05
HOWARD COUNTY, MARYLAND

JUN-24-2008 15:29 LAKESIDE TITLE CO 410 992 4238 P



ORIGINAL HOUSE LOCATION SURVEY
1"=60' (APPROX)

Maryland
POOLS inc.

9515 GERWIG LANE
SUITE 119
COLUMBIA, MD 21046
410-995-6600

11166 MAIN STREET
SUITE 402
FAIRFAX, VA 22030
703-359-7192

800-252-SWIM

WWW.MARYLANDPOOLS.COM

GENERAL NOTES

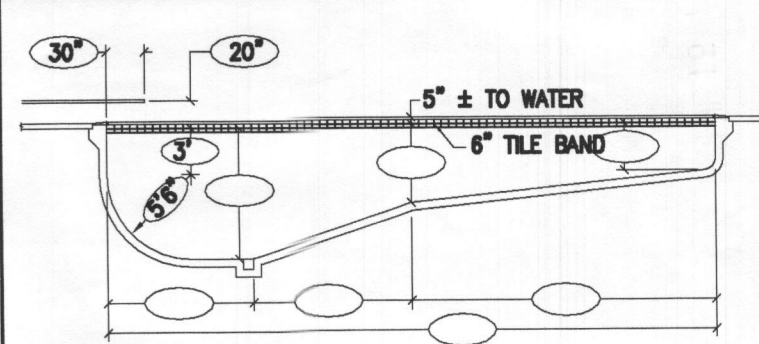
- 1) POOL AREA TO BE FENCED BY OWNER. GATES TO BE SELF CLOSING & LATCHING PER COUNTY CODES.
- 2) STEPS TO HAVE 12" +/- TREADS & 8.25" RISERS, TOP TREAD TO 18".
- 3) DO NOT TURN POOL LIGHTS ON WHEN POOL IS EMPTY.
- 4) DO NOT USE BLACK RUBBER HOSE WHEN FILLING POOL, IT WILL MARK PLASTER & COPING.
- 5) WET DOWN CONCRETE SHELL AT LEAST TWICE DAILY FOR 7 DAYS WHEN TEMP. EXCEEDS 70 DEGREES.

EQUIPMENT LIST

DIRT/GRADING: HAUL DIRT
SPA: NONE
RAISED BEAM: NONE
TILE: TO BE DETERMINED
COPING: TO BE DETERMINED
PLASTER: WHITE MARBELITE
FILTER SYS: C&C 420 SF CART. W/INTELLIFLO VS-305
CLEANING SYS: PCC-2000
TREATMENT SYS: (2) INTELLICHLOR
CONTROL SYS: EASYTOUCH 8PSC
HEATER: 400K BTU (PROPANE)
LIGHTS: THREE WATTS: 500 VOLTS: 120
LOVESEAT: (2) @ 6' (OUTSIDE)
AQUA BENCH: (1) @ 20' W/(6) JETS
RAIL GOODS: NONE
DECKING: 840 Sq.Ft., BROOM FINISH CONCRETE
FENCE: BY OWNERS FENCE CONTRACTOR
POOL COVER: NONE TYPE: N/A
CHEMICALS: \$100.00 CHEMICAL ALLOWANCE
OTHER ITEMS: MPI TO REMOVE OLD POOL & HAUL

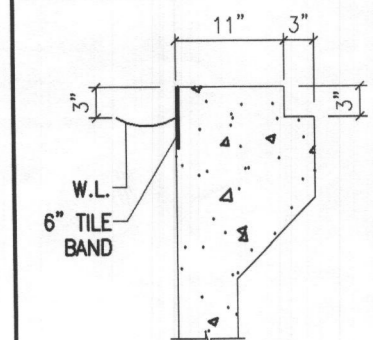
ELECTRIC: 0 FT.

Cross Section - Hopper



POOL ELEVATION:

Bond Beam



COPING: COPING TYPE

POOL DATA

SIZE/SHAPE: 35' x 45'-6" - CUSTOM (TYPE V)
POOL AREA: 1,200 SPA: OTHER:
TOTAL AREA: 1,200
PERIMETER: 141
GALLONAGE: 52,500 SPA: DEPTH: 3'-6" TO 9'-0"

DIRECTIONS TO SITE

DIRECTIONS:
32-W TO TEN OAKS, TRIDELPHIA AT CIRCLE, L/T CENETHIUM,
R/T SHARP RD.

MAP #
9
GRID
F-11

Vince & Diane Doran
4074 Sharp Road
Glenelg, Maryland 21737
Howard County

HOME PHONE: 410-489-0006
CELL PHONE:
OTHER PHONE: 410-961-1135 (Mr.)
OFFICE PHONE:

PERMIT SET

DATE: 07-15-08

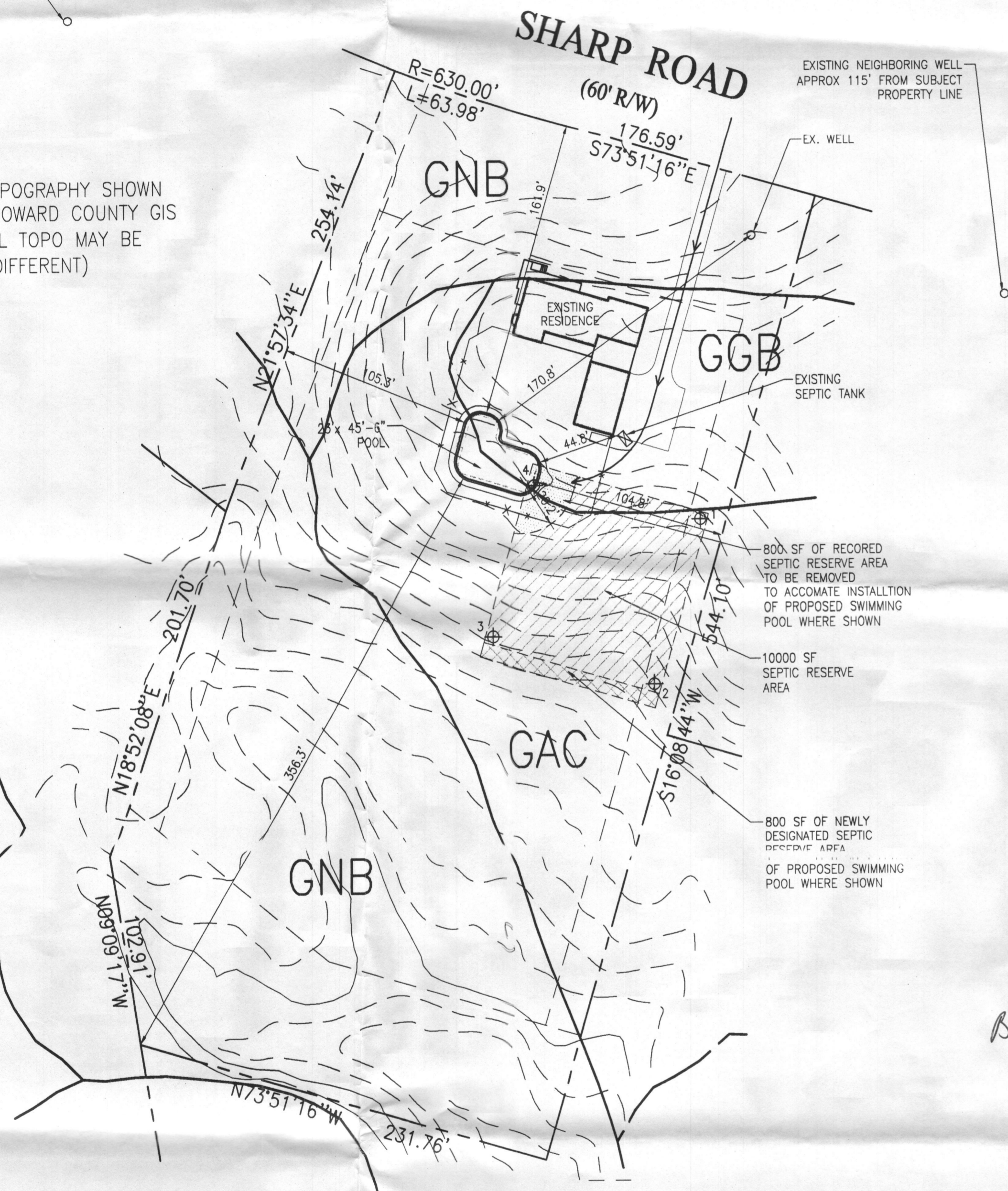
REVISIONS:

PERMIT NUMBERS
POOL:
ELECT:
OTHER:

24"x36"
ONE
SCALE: AS NOTED BY: J.L.R. DATE: 6/11/08 JOB NUMBER: DAW08-9625 SHEET #: 7.0

PERCOLATION CERTIFICATION PLAN
A#:

POGRAPHY SHOWN
OWARD COUNTY GIS
L TOPO MAY BE
DIFFERENT)



THE LOT(S) SHOWN HEREON COMPLIES WITH THE MARYLAND DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (DENR) REQUIREMENTS FOR PERCOLATION CERTIFICATION. THE LOT(S) SHALL BE USED FOR THE PURPOSES OF THE PERCOLATION CERTIFICATION. THE LOT(S) SHALL BE USED FOR THE PURPOSES OF THE PERCOLATION CERTIFICATION.

ANY CHANGES TO A PRIVATE SEWAGE PLAN SHALL BE REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (DENR).

THE SEWAGE TREATMENT SYSTEM FOR THIS PROPERTY WAS INSTALLED IN 1972. THE SEWAGE TREATMENT SYSTEM WAS INSTALLED IN 1972. THE SEWAGE TREATMENT SYSTEM WAS INSTALLED IN 1972.

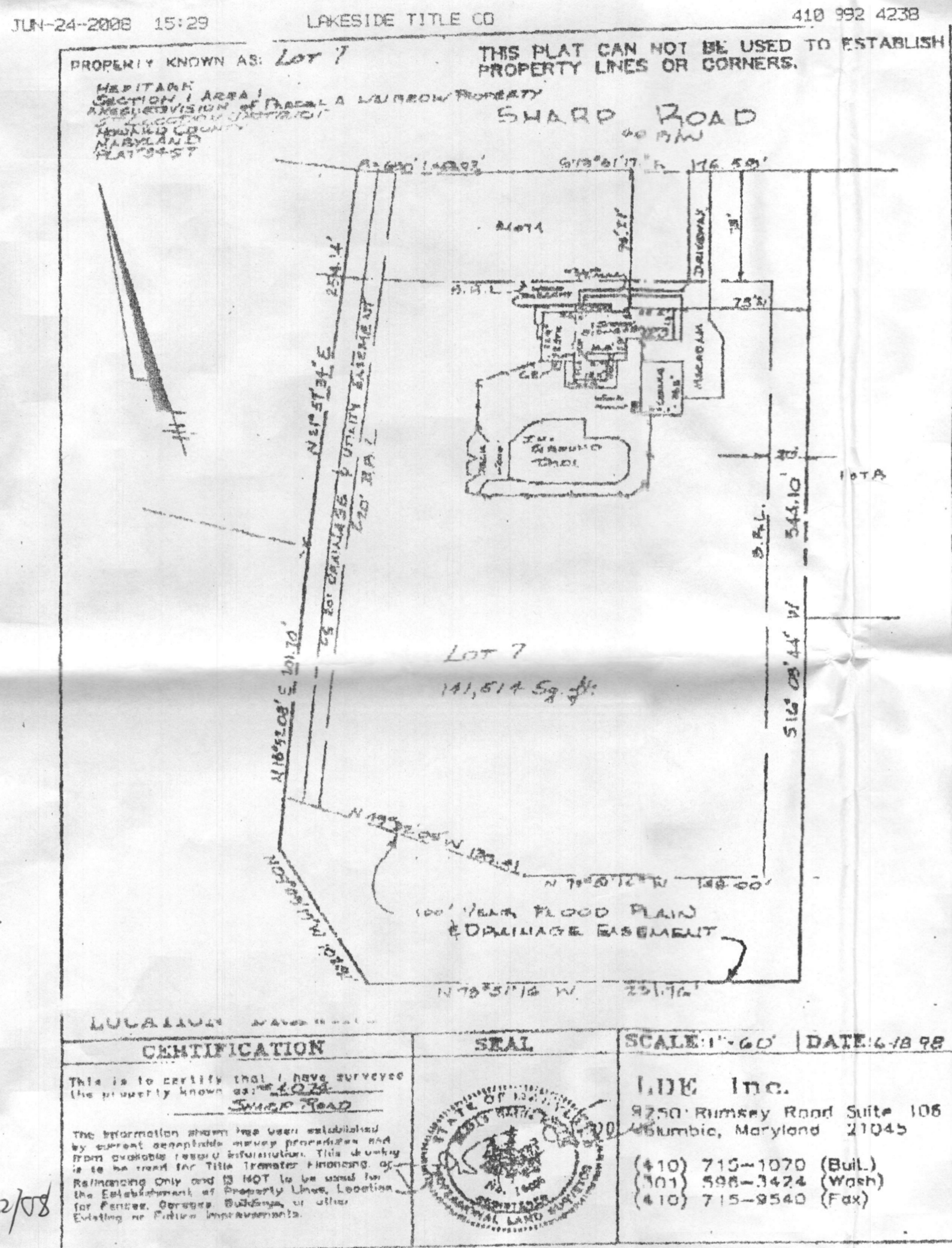
PLAN PREPARER'S STATEMENT:
TO THE BEST OF MY KNOWLEDGE
THE INFORMATION CONTAINED HEREIN
ON THIS PLAN IS CORRECT AND TRUE

HOWARD COUNTY HEALTH OFFICER
APPROVED FOR PRIVATE WATER & SEWAGE

PRIVATE WELL
& SEPTIC



SITE PLAN
1"=50'
LOT 7
THE HERITAGE
TAX ACCOUNT # 378109
MAP 21, GRID 18, PARCEL 178
ELECTION DISTRICT NO.05
HOWARD COUNTY, MARYLAND



ORIGINAL HOUSE LOCATION SURVEY
1"=60' (APPROX)

Maryland
POOLS Inc.

9515 GERWIG LANE
SUITE 119
COLUMBIA, MD 21046
410-995-6600
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WWW.MARYLANDPOOLS.COM

GENERAL NOTES

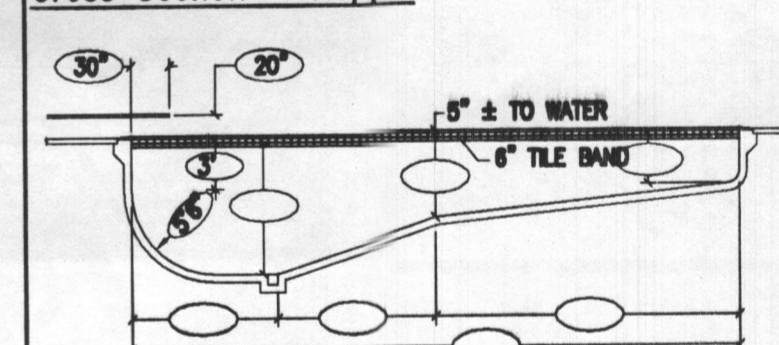
- 1) POOL AREA TO BE FENCED BY OWNER. GATES TO BE SELF CLOSING & LATCHING PER COUNTY CODES.
- 2) STEPS TO HAVE 12" +/- TREADS & 8.25" RISERS, TOP TREAD TO 18".
- 3) DO NOT TURN POOL LIGHTS ON WHEN POOL IS EMPTY.
- 4) DO NOT USE BLACK RUBBER HOSE WHEN FILLING POOL, IT WILL MARK PLASTER & COPING.
- 5) WET DOWN CONCRETE SHELL AT LEAST TWICE DAILY FOR 7 DAYS WHEN TEMP. EXCEEDS 70 DEGREES.

EQUIPMENT LIST

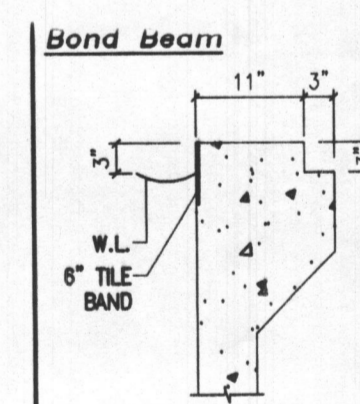
DIRT/GRADING: HAUL DIRT
SPA: NONE
RAISED BEAM: NONE
TILE: TO BE DETERMINED
COPING: TO BE DETERMINED
PLASTER: WHITE MARBELITE
FILTER SYS: C&C 420 SF CART. W/INTELLIFLO VS-305
CLEANING SYS: PCC-2000
TREATMENT SYS: (2) INTELLICHLOR
CONTROL SYS: EASYTOUCH BPSC
HEATER: 400K BTU (PROPANE)
LIGHTS: THREE WATTS: 500 VOLTS: 120
LOVESEAT: (2) @ 6' (OUTSIDE)
AQUA BENCH: (1) @ 20' W/(6) JETS
RAIL GOODS: NONE
DECKING: 840 Sq.Ft., BROOM FINSH CONCRETE
FENCE: BY OWNERS FENCE CONTRACTOR
POOL COVER: NONE TYPE: N/A
CHEMICALS: \$100 CHEMICAL ALLOWANCE
OTHER ITEMS: MPI TO REMOVE OLD POOL & HAUL

ELECTRIC: 0 FT.

Cross Section - Hopper



POOL ELEVATION:



COPING: COPING TYPE

POOL DATA

SIZE/SHAPE: 35' x 45'-6" - CUSTOM (TYPE V)
POOL AREA: 1,200 SPA: OTHER:
TOTAL AREA: 1,200
PERIMETER: 141 SPA:
GALLONAGE: 52,500 DEPTH: 3'-6" TO 9'-0"

DIRECTIONS TO SITE

DIRECTIONS:
32-W TO TEN OAKS, TRIDELPHIA AT CIRCLE, L/T CENETHIUM,
R/T SHARP RD.
MAP #
9
GRID
F-11

Vince & Diane Doran
4074 Sharp Road
Glenelg, Maryland 21737
Howard County

HOME PHONE: 410-489-0006
CELL PHONE:
OTHER PHONE: 410-961-1135 (Mr.)
OFFICE PHONE:

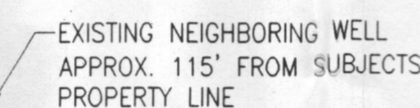
REVISION:

PERMIT NUMBERS
POOL:
ELECT:
OTHER:

PERMIT SET
DATE: 07-15-08




24" x 36"
SCALE: AS NOTED BY: J.L.R. DATE: 6/11/08 JOB NUMBER: DAW08-9625 SHEET #: 7.0

A#:



THE LOT(S) SHOWN HEREON COMPLIES
COMPLY WITH THE MINIMUM OWNERSHIP
WIDTH AND LOT AREA AS REQUIRED
BY THE MARYLAND DEPARTMENT OF ENVIRONMENT

SYMBOL LEGEND

— —	EXISTING GRADE
	PROPOSED SEPTIC DISPOSAL AREA TO BE ADDED
	EXISTING SEPTIC DISPOSAL AREA TO BE ABANDONED
	EXISTING PASSED PERC TEST

ANY CHANGES TO A PRIVATE SEWAGE PLAN SHALL REQUIRE
A REVISED PERCOLATION CERTIFICATION PLAN

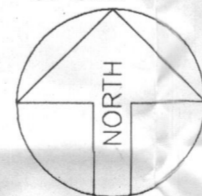
MODE SEWAGE EASEMENT STATEMENT FOR LOTS CREATED AFTER MARCH 1972
THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT
LEAST 10000 SQUARE FEET AS REQUIRED BY THE HAWAIIAN
DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEPTIC DISPOSAL
IMPROVEMENT OF ANY NATURE IN THIS AREA ARE RESTRICTED.
THIS EASEMENT SHALL BECOME NULL AND VOID UPON
CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY
HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS
TO THE PRIVATE SEWAGE EASEMENT, RECOGNITION OF A REVISED
HOUSE SEWAGE EASEMENT PLAN, IF NECESSARY.

PLAN PREPARERS STATEMENT:
TO THE BEST OF MY KNOWLEDGE
THE INFORMATION CONTAINED HEREIN
ON THIS PLAN IS CORRECT AND TRUE

HOWARD COUNTY HEALTH OFFICER

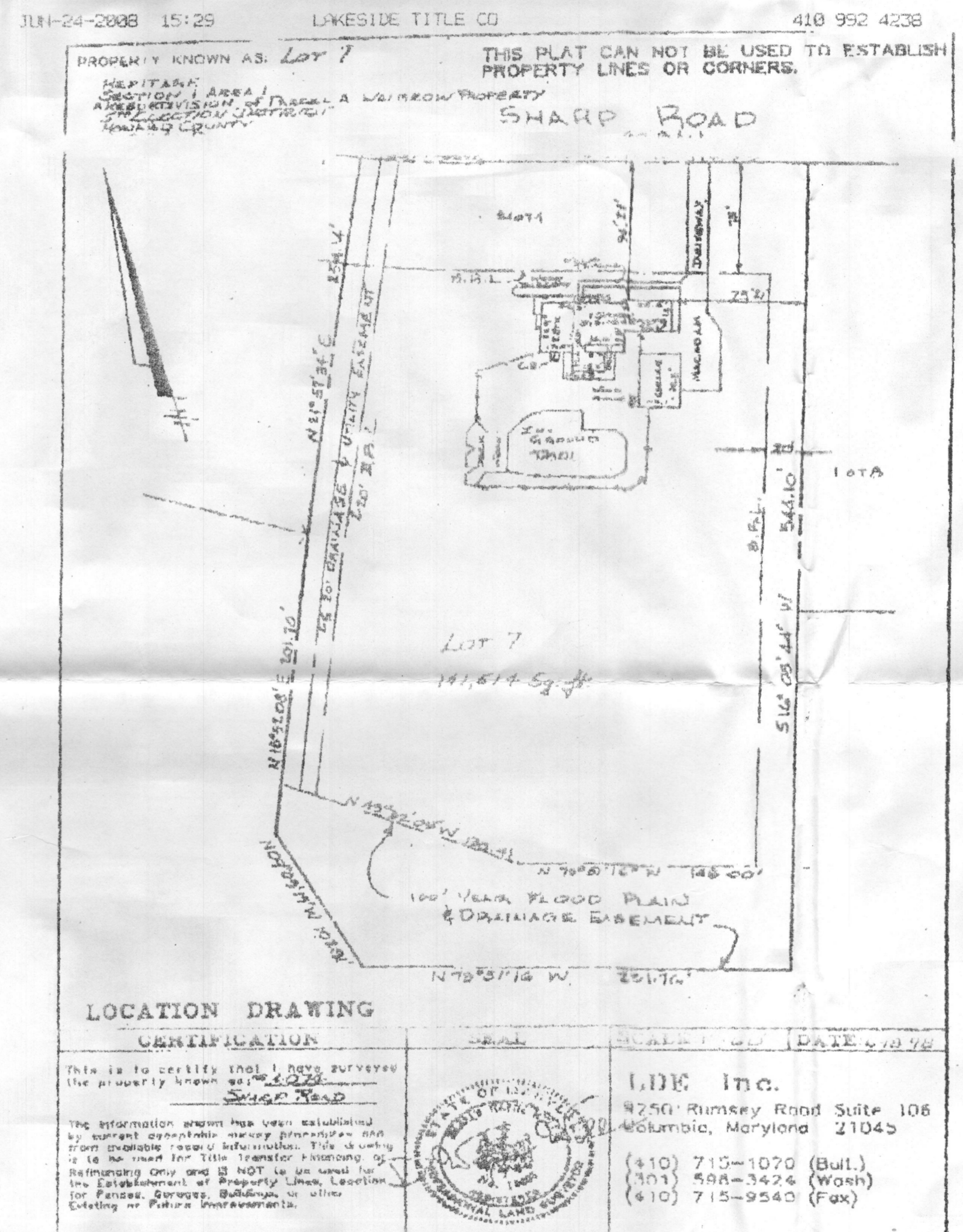
APPROVED FOR PRIVATE WATER & SEWAGE

PRIVATE WELL & SEPTIC



SITE PLAN

1"=50'
LOT 7
THE HERITAGE
TAX ACCOUNT # 378109
MAP 21, GRID 18, PARCEL 178
ELECTION DISTRICT NO.05
HOWARD COUNTY, MARYLAND



ORIGINAL HOUSE LOCATION SURVEY
1"=60' (APPROX)

REVISION:
 2 8/4/08 REVISED SEPTIC DISTRIBUTION
PERMIT NUMBERS
 POOL:
 ELECT:
 OTHER:

PERMIT SET

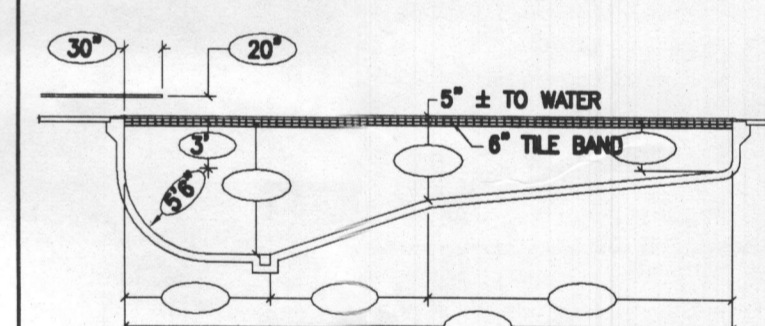
DATE: 08-04-08

- 1) POOL AREA TO BE FENCED BY OWNER. GATES TO BE SELF CLOSING & LATCHING PER COUNTY CODES.
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- 4) DO NOT USE BLACK RUBBER HOSE WHEN FILLING
- 5) WEI DOWN CONCRETE SHELL AT LEAST THREE INCHES FOR 7 DAYS WHEN TEMP. EXCEEDS 70 DEGREES.

DIRT/GRADING: HAUL DIRT
SPAL: 50 SF W/6 JTS, 100W LGHT, SKIM & BLW/6
RAISED BLEM: NONE
TILE: TO BE DETERMINED
COPING: TO BE DETERMINED
PLASTER: WHITE MARBELITE
FILTER SYS: C&C 420 SF CART. W/INTELLIFLO VS-305
CLEANING SYS: PCC 2000
TREATMENT SYS: (2) INTELLICHLOR
CONTROL SYS: EASYTOUCH 8PSC
HEATER: 400K BTU (PROPANE)
LIGHTS: THREE WATTS: 500 VOLTS: 120
LOVESEAT: (2) @ 6' (OUTSIDE)
AQUA BENCH: (1) @ 20' W/6 JETS
RAIL COCKS: NONE
DECKING: 840 Sq.Ft., BROOM FINISH CONCRETE
FENCE: BY OWNERS FENCE CONTRACTOR
POOL COVER: NONE TYPE: N/A
CHEMICALS: 100% CHEMICAL ALLOWANCE
OTHER ITEMS: MPI TO REMOVE OLD POOL & HAUL

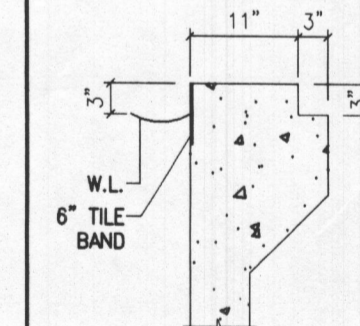
ELECTRIC: 0 FT. (TRI-STAR)

Cross Section - Hopper



POOL ELEVATION:

	<u>Bond Beam</u>
--	------------------



COPING: COPING TYPE

POOL DATA	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

SIZE/SHAPE: 35' x 52' - CUSTOM (TYPE III)
POOL AREA: 1,212 **SPA:** 50 **OTHER:** 24
TOTAL AREA: 1,286
PERIMETER: 164 **SPA:** 27
GALLONAGE: 53,810 **DEPTH:** 3'-6" TO 9'-0"

DIRECTIONS TO SITE

DIRECTIONS:
32-W TO TEN OAKS, TRIDELPHIA AT CIRCLE. L/T CENETHIUM
R/T SHARP RD.

MAP #
9
GRID
F-1

Vince & Diane Doran
4074 Sharp Road
Glenelg, Maryland 21737
Howard County

HOME PHONE: 410-489-0006
CELL PHONE:
OTHER PHONE: 410-961-1135 (Mr.)
OFFICE PHONE:

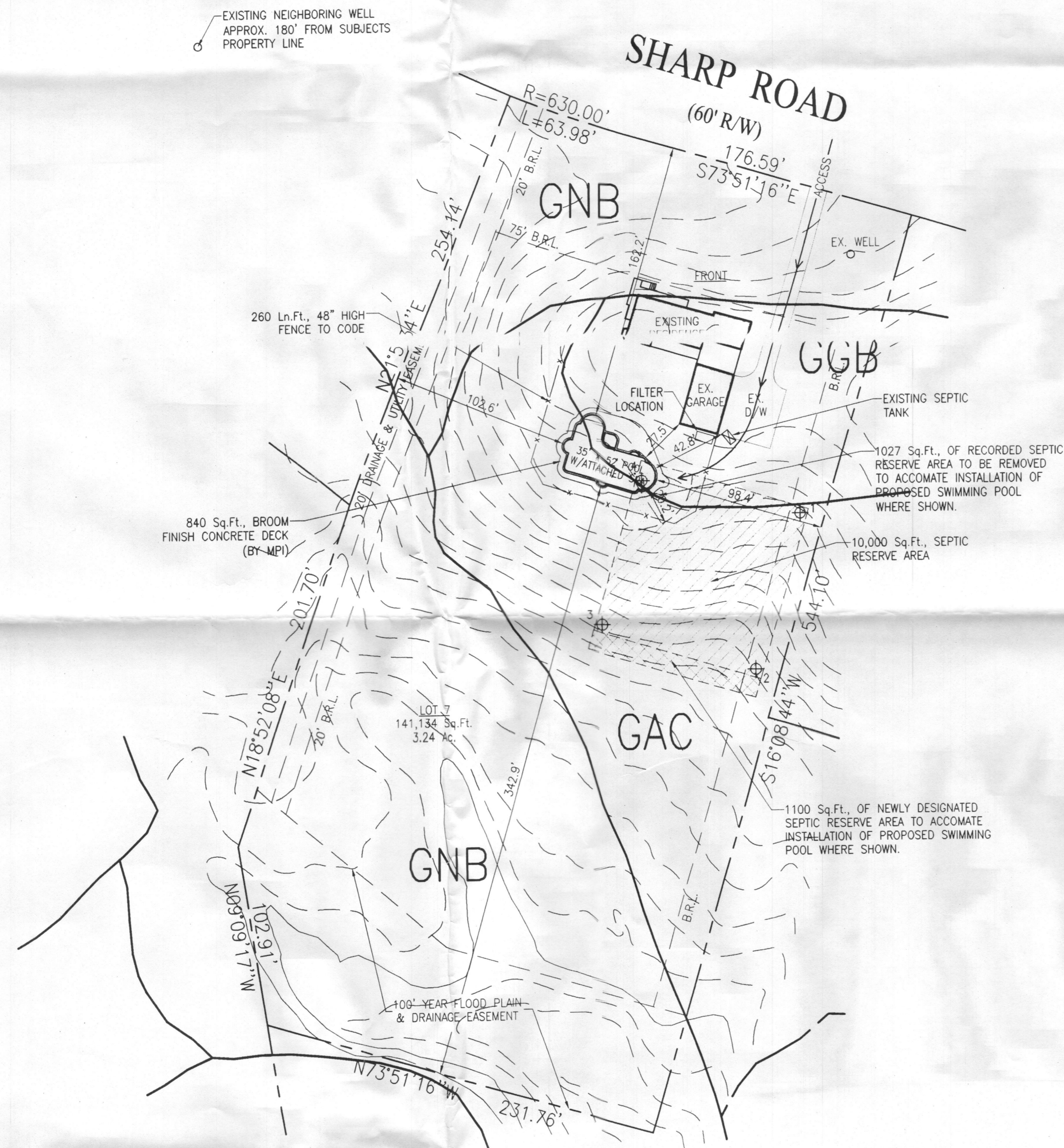
24"x36"

ZONE: ON

SCALE:	BY:	DATE:	JOB NUMBER:
AS NOTED	J.L.R.	6/11/08	DAW08-9625

SETBACKS:
REAR PL. 10'
SIDE PL. 30'
HOUSE 5'
SEPTIC 20'
WELL 20'

PERCOLATION CERTIFICATION PLAN
A#:



EXISTING NEIGHBORING WELL
APPROX. 115' FROM SUBJECTS
PROPERTY LINE

THE LOT(S) SHOWN HEREIN COMPLETES
CONVEYANCE WITH THE NEARBY MAP(S) OF
THE MARYLAND DEPARTMENT OF ENVIRONMENT

SYMBOL LEGEND
EXISTING GRADE
PROPOSED SEPTIC
DISPOSAL AREA
TO BE ADDED
EXISTING SEPTIC
DISPOSAL AREA
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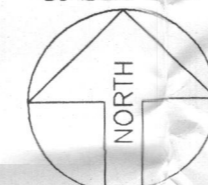
NO. 10000 SQUARED FEET AS REQUIRED IF THE NEARBY
MAP(S) OF ENVIRONMENT FOR NEIGHBORING SEPTIC DISPOSAL
ARE NOT TO BE ADDED. THIS PLAN IS TO BE USED FOR TITLE
TRANSFER PURPOSES ONLY AND IS NOT TO BE USED FOR
THE ESTABLISHMENT OF PROPERTY LINES, LOCATION
OF FENCES, SERVICES, BUILDINGS, OR OTHER
EXISTING OR FUTURE DEVELOPMENTS.

PLAN PREPARER'S STATEMENT:
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ON THIS PLAN IS CORRECT AND TRUE

HOWARD COUNTY HEALTH OFFICER

APPROVED FOR PRIVATE WATER & SEWAGE

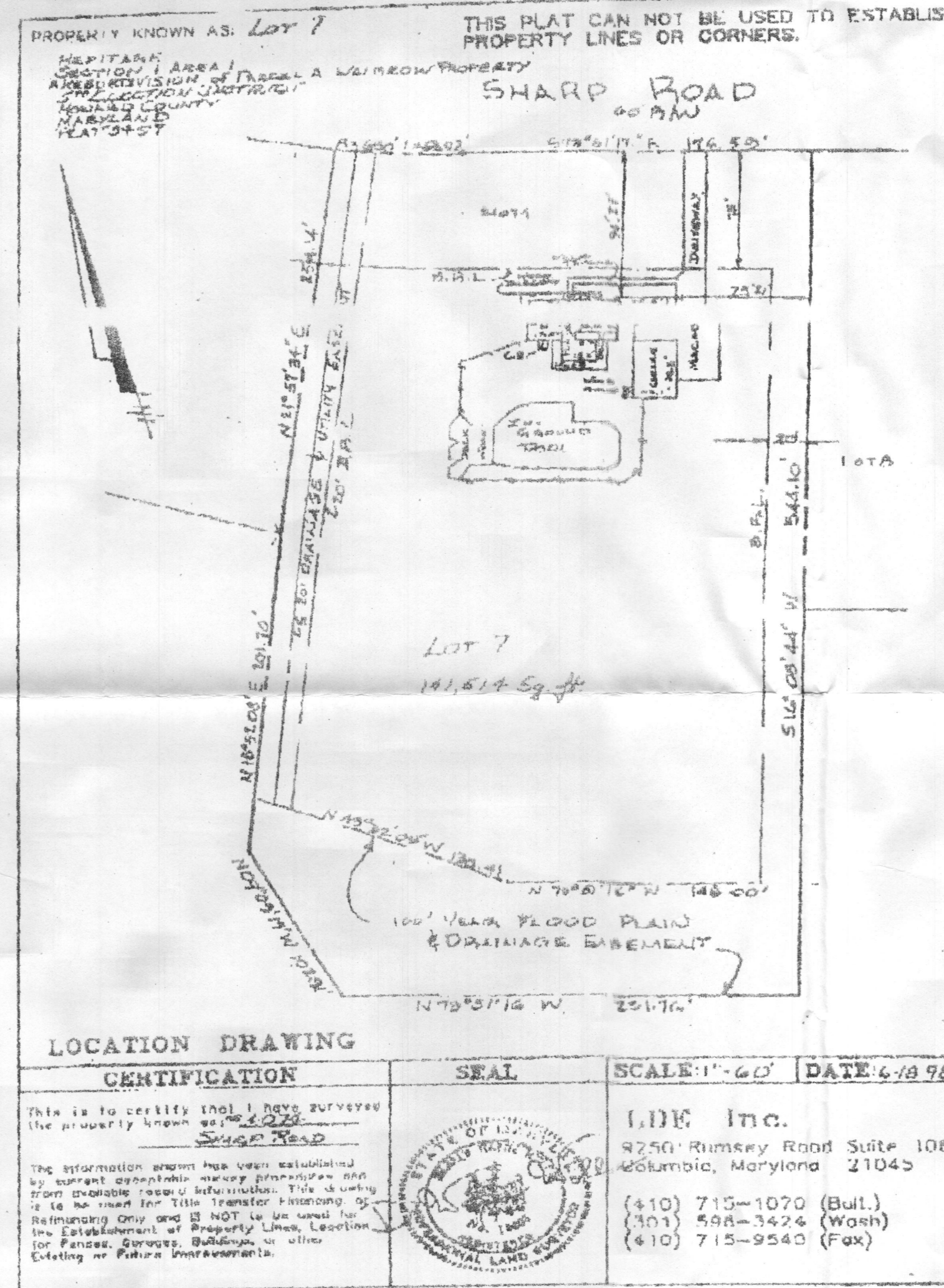
PRIVATE WELL
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SITE PLAN
1"=50'

LOT 7
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HOWARD COUNTY, MARYLAND

JUN-24-2008 15:29 LAKESIDE TITLE CO 410 992 4238 P



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1"=60' (APPROX)

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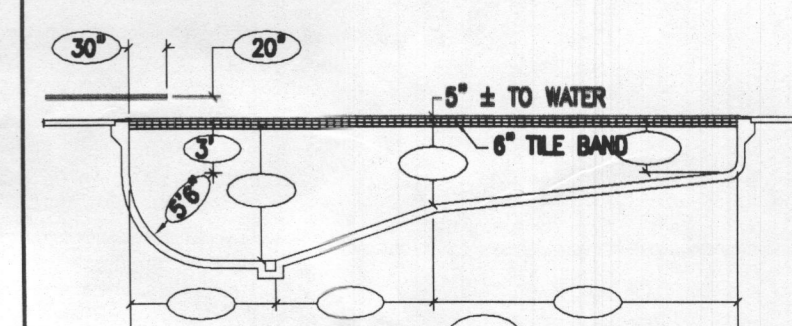
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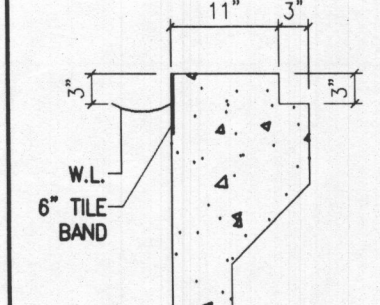
ELECTRIC: 0 FT. (TRI-STAR)

Cross Section - Hopper



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Bond Beam



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24"x36"

ONE

SCALE: AS NOTED BY: J.L.R. DATE: 6/11/08 JOB NUMBER: DAW08-9625 SHEET # 7.0

REVISIONS:
A: 6/11/08 REVISED SEPTIC DISTRIBUTION
PERMIT NUMBERS
POOL:
ELECT:
OTHER:

PERMIT SET
DATE: 08-04-08