

30/13-03B 4609 Waverly Ave.
Garrett Park Historic District



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
8787 Georgia Avenue • Silver Spring, Maryland 20910-3760

Date: 11/12/03

MEMORANDUM

TO: Robert Hubbard, Director
Department of Permitting Services

FROM: Gwen Wright, Coordinator
Historic Preservation

SUBJECT: Historic Area Work Permit #322245

The Montgomery County Historic Preservation Commission has reviewed the attached application for an Historic Area Work Permit. This application was:

Approved

Approved with Conditions: _____

and HPC Staff will review and stamp the construction drawings prior to the applicant's applying for a building permit with DPS; and

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE APPROVED HISTORIC AREA WORK PERMIT (HAWP).

Applicant: NICK DOUDOUMPOULAS / PAM BURGESS

Address: 4609 WAVERLY, GARRETT PARK

and subject to the general condition that, after issuance of the Montgomery County Department of Permitting Services (DPS) permit, the applicant arrange for a field inspection by calling the Montgomery County DPS Field Services Office at 240-777-6210 or online @ permits.emontgomery.org prior to commencement of work and not more than two weeks following completion of work.



Date: 11/12/03

MEMORANDUM

TO: Historic Area Work Permit Applicants

FROM: Gwen Wright, Coordinator
Historic Preservation Section

SUBJECT: Historic Area Work Permit Application – Approval

Your Historic Area Work Permit application was approved by the Historic Preservation Commission at its recent meeting. Enclosed is a transmittal memorandum stating conditions (if any) of approval.

Prior to applying for a county building permit from the Department of Permitting Services, you must schedule a meeting with your assigned staff person to bring your final construction drawings in to the Historic Preservation Office at 1109 Spring Street for stamping. Please note that although your work has been approved by the Historic Preservation Commission, it must also be approved by DPS before work can begin.

When you file for your building permit at DPS, you must take with you the enclosed forms, as well as the Historic Area Work Permit that will be mailed to you directly from DPS. These forms are proof that the Historic Preservation Commission has reviewed your project. For further information about filing procedures or materials for your county building permit review, please call DPS at 240-777-6370.

If your project changes in any way from the approved plans, either before you apply for your building permit or even after the work has begun, please contact the Historic Preservation Commission staff at 301-563-3400.

Please also note that you must arrange for a field inspection for conformance with your approved HAWP plans. Please inform DPS/Field Services at 240-777-6210 or online at <http://permits.emontgomery.org> of your anticipated work schedule.

Thank you very much for your patience and good luck with your project!



RETURN TO DEPARTMENT OF PERMITTING SERVICES 255 ROCKVILLE PIKE, 2nd FLOOR, ROCKVILLE, MD 20850 240.777-6370

DPS - #8

received 10/22/03

HISTORIC PRESERVATION COMMISSION 301/563-3400

APPLICATION FOR HISTORIC AREA WORK PERMIT

Contact Person: Nick Douboumpoulos
Daytime Phone No.: 202 258 0271
Tax Account No.: 00058465/00058476
Name of Property Owner: Nick Douboumpoulos/Pam Burgess
Address: 4609 Waverly Ave, Garrett Park, MD 20896
Contractor: Town and Country Pools Inc. Phone No.: 703 451 5660
Agent for Owner: Andy Kaubett Daytime Phone No.: 240 447 5615

LOCATION OF BUILDING/PREMISE

House Number: 4609 Street: Waverly Ave.
Town/City: Garrett Park Nearest Cross Street: Waverly / Montrose
Lot: 31/32 Block: 100 Subdivision: 003

PART ONE: TYPE OF PERMIT ACTION AND USE

1A. CHECK ALL APPLICABLE: Construct, Extend, Alter/Renovate, Move, Install, Wreck/Raze, Revision, Repair, Revocable
CHECK ALL APPLICABLE: A/C, Slab, Room Addition, Porch, Deck, Shed, Solar, Fireplace, Woodburning Stove, Single Family, Fence/Wall, Other: Pool
1B. Construction cost estimate: \$ 20,000 +/-
1C. If this is a revision of a previously approved active permit, see Permit # NO

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

2A. Type of sewage disposal: 01 WSSC, 02 Septic, 03 Other
2B. Type of water supply: 01 WSSC, 02 Well, 03 Other

PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL

3A. Height 5 feet 0 inches
3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:
On party line/property line, Entirely on land of owner, On public right of way/easement

I hereby certify that I have the authority to make the foregoing application, that the application is correct, and that the construction will comply with plans approved by all agencies listed and I hereby acknowledge and accept this to be a condition for the issuance of this permit.

Signature of owner or authorized agent: [Signature] Date: 10/21/03

Approved: [Signature] For Commission
Disapproved: [Signature] Date: 11/12/03
Application/Permit No.: Date Filed: Date Issued:

THE FOLLOWING ITEMS MUST BE COMPLETED AND THE REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.

1. WRITTEN DESCRIPTION OF PROJECT

a. Description of existing structure(s) and environmental setting, including their historical features and significance:

See attached (1a)

b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district:

See attached (1b)

2. SITE PLAN *see attached (2)*

Site and environmental setting, drawn to scale. You may use your plot. Your site plan must include:

- a. the scale, north arrow, and date;
- b. dimensions of all existing and proposed structures; and
- c. site features such as walkways, driveways, fences, ponds, streams, trash dumpsters, mechanical equipment, and landscaping.

3. PLANS AND ELEVATIONS *(see attached (3))*

You must submit 2 copies of plans and elevations in a format no larger than 11" x 17". Plans on 8 1/2" x 11" paper are preferred.

- a. *Schematic construction plans*, with marked dimensions, indicating location, size and general type of walls, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
- b. Elevations (facades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and fixtures proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each facade affected by the proposed work is required.

4. MATERIALS SPECIFICATIONS *see attached (4)*

General description of materials and manufactured items proposed for incorporation in the work of the project. This information may be included on your design drawings.

5. PHOTOGRAPHS *see attached (5)*

- a. Clearly labeled photographic prints of each facade of existing resource, including details of the affected portions. All labels should be placed on the front of photographs.
- b. Clearly label photographic prints of the resource as viewed from the public right-of-way and of the adjoining properties. All labels should be placed on the front of photographs.

3. TREE SURVEY *N/A*

If you are proposing construction adjacent to or within the drieline of any tree 6" or larger in diameter (at approximately 4 feet above the ground), you must file an accurate tree survey identifying the size, location, and species of each tree of at least that dimension.

1. ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS *see attached (7)*

For ALL projects, provide an accurate list of adjacent and confronting property owners (not tenants), including names, addresses, and zip codes. This list should include the owners of all lots or parcels which adjoin the parcel in question, as well as the owner(s) of lot(s) or parcel(s) which lie directly across the street/highway from the parcel in question. You can obtain this information from the Department of Assessments and Taxation, 51 Monroe Street, Rockville, (301)279-1355.

HAWP APPLICATION ATTACHMENTS

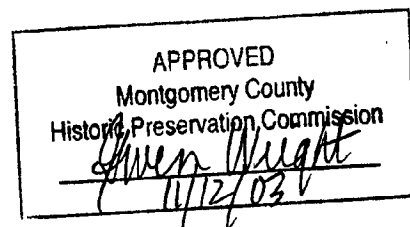
Nick Doudoumopoulos / Pam Burgess
4609 Waverly Avenue
Garrett Park, MD 20896

Attachment 1a.

Two structures exist on the property at present; an 1887 Victorian/Farm House and a shed. The house has several one story additions which have been added over the years. The house sits on approximately $\frac{3}{4}$ of an acre of land in a rural town setting. The house sits on a corner lot, up on a hill from both adjacent streets (Waverly and Montrose). To a large degree the Victorian nature of the house has been covered up by aluminum siding, most likely added in the 60s. Retained features include expansive covered porch and "victorianesque" roof line.

Attachment 1b.

The general project is to construct a 520 sqft, "free lake form", in-ground pool. As the existing post and rail fence is not to Montgomery County codes for pools (must be at least 60 inches), the project will include a new post and rail fence which meets the all the county requirements. The project will take place in a large grassy area and as such will not adversely effect the environmental setting (including trees). The fence will be built on the same line as the existing fence and as such should not adversely effect the environmental setting.



Attachment 4

The pool will be an inground pool constructed from Gunnite and plaster. The decking around the pool will be made from exposed aggregate. The coping around the pool will be made from flagstone as will the border around the edges of the deck. An 18 inch, dry stack, stone wall will be used as a retaining wall along the north border of the deck (see plan). The pool will use white plaster which will render a "blue-ish" water color. The fence will be a wooden post and rail fence with black mesh wire lining on the outside (as per code). The pool equipment will be located within a fenced area adjacent to the shed (see plan).

APPROVED
Montgomery County
Historic Preservation Commission
Kevin Mought
11/12/03

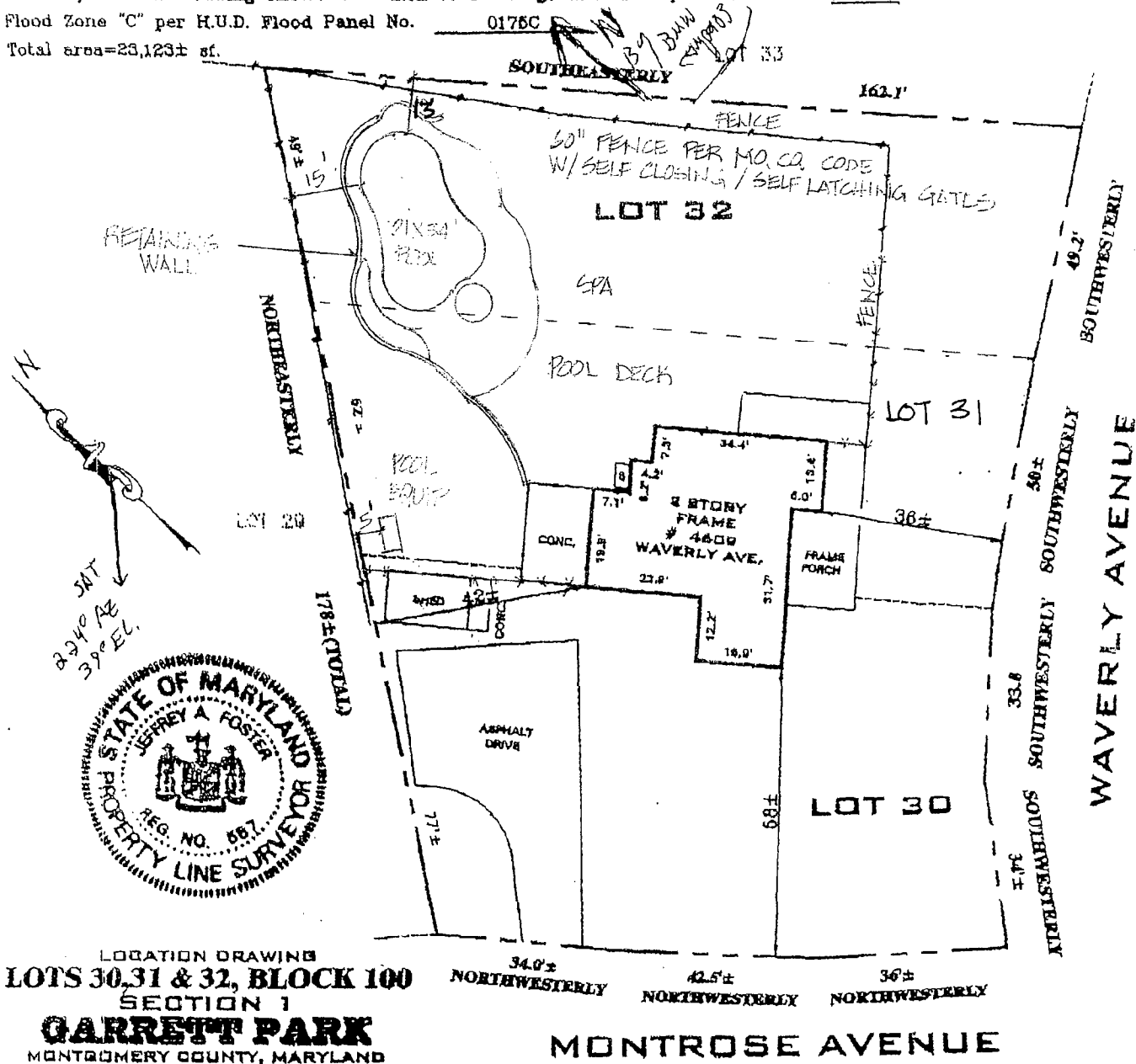
CONSUMER INFORMATION NOTES:

1. This plan is a benefit to a consumer insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing.
2. This plan is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements.
3. This plan does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.
4. Building line and/or Flood Zone information is taken from available sources and is subject to interpretation of originator.

Setback distances as shown to the principal structure from property lines are approximate. The level of accuracy for this drawing should be taken to be no greater than plus or minus 2 Feet.


Flood Zone "C" per H.U.D. Flood Panel No. 0176C

Total area=23,123± sf.



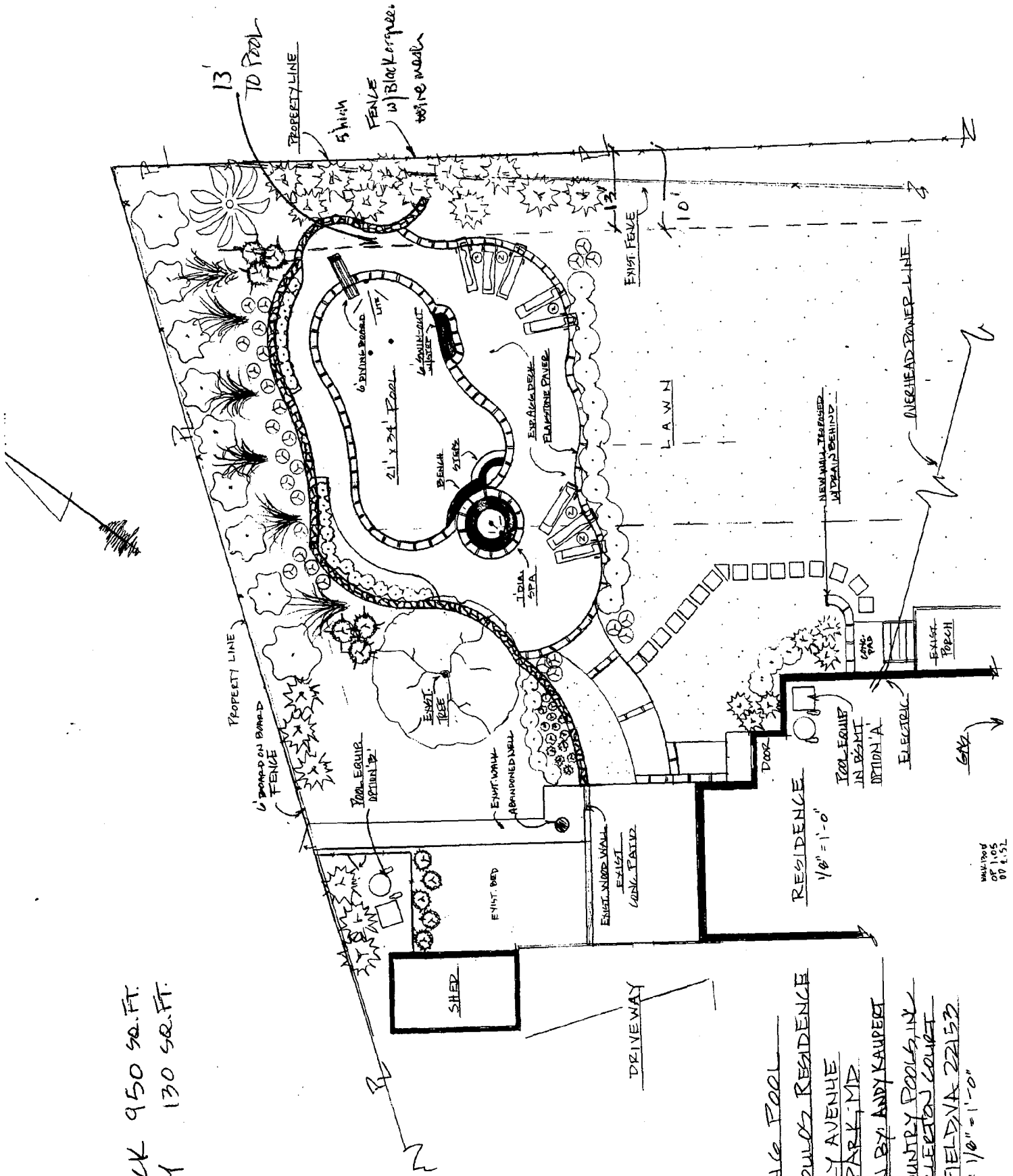
LOCATION DRAWING
LOTS 30, 31 & 32, BLOCK 100
 SECTION 1
GARRETT PARK
 MONTGOMERY COUNTY, MARYLAND

MONTROSE AVENUE

SURVEYOR'S CERTIFICATE		REFERENCES		 SNIDER & ASSOCIATES SURVEYORS - ENGINEERS LAND PLANNING CONSULTANTS 2 Professional Drive, Suite 216 Gaithersburg, Maryland 20878 301/948-8100, Fax 301/948-1286	
"THE INFORMATION SHOWN HEREON HAS BEEN BASED UPON THE RESULTS OF A FIELD INSPECTION PURSUANT TO THE DEED OR PLAT OF RECORD. EXISTING STRUCTURES SHOWN HAVE BEEN FIELD LOCATED BASED UPON MEASUREMENTS FROM PROPERTY MARKERS FOUND OR FROM EVIDENCE OF LINES OF APPARENT OCCUPATION."		PLAT BK. A	PLAT NO. 28		
LIBER 18636 FOLIO 273		DATE OF LOCATIONS WALL CHECK: HSE. LOC.: 18-18-2000		SCALE: 1" = 30' DRAWN BY: F.A. JOB NO.: 2000-5434	
[Signature] MARYLAND PROPERTY LINE SURVEYOR REG. NO. 587					

APPROVED
 Montgomery County
 Historic Preservation Commission
Sharon Wright
 11/12/03

POOL DECK 950 SQ. FT.
WALKWAY 130 SQ. FT.



SCALE: 1/8" = 1'-0"

APPROVED
Montgomery County
Historic Preservation Commission
Jane Wright
11/12/03

DESIGNED BY: ANDY KAUPER
TOWN AND COUNTRY POOLS, INC.
7540 ELLERSON COURT
SPRINGFIELD, VA 22152
SCALE: 1/8" = 1'-0"

RESIDENCE
18' x 1'-0"

SHED

DRIVEWAY

PROPERTY LINE

PROPERTY LINE

LAWN

NEIGHBOR PROPERTY LINE

NEW WALL TO BE BUILT IN DEAD END

POOL EQUIP. IN REAR DETACH. A.

ELECTRIC

GAS

EXIST. PORCH

DOOR

EXIST. UNDER WALL
EXIST. CONC. PATIO

EXIST. BED

EXIST. WALK

POOL EQUIP. DETACH. A.

EXIST. TREE

PROPERTY LINE

6' BOARD ON BOARD FENCE

13'

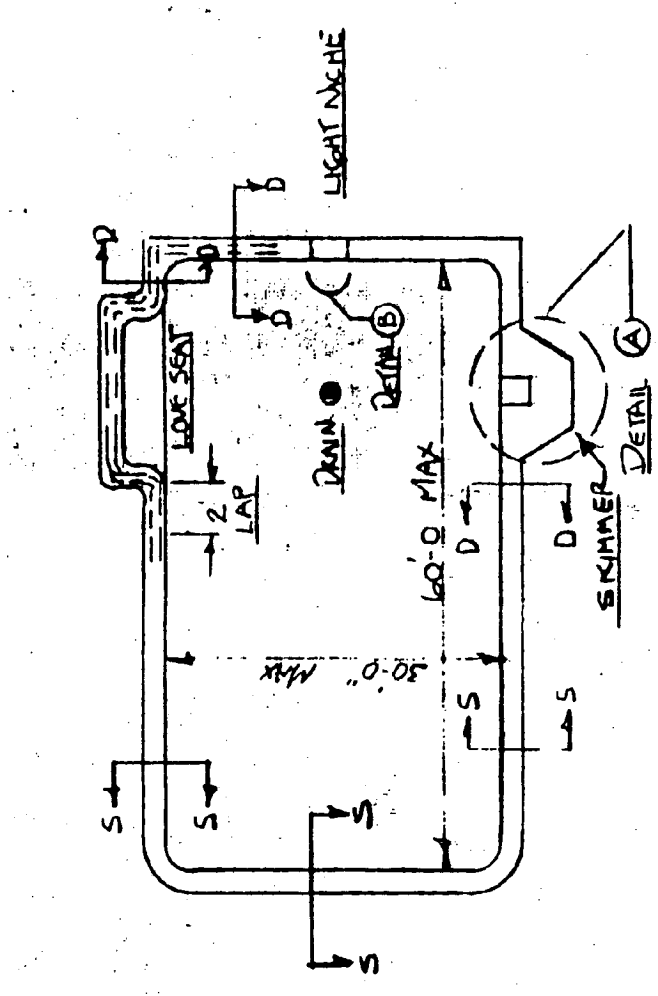
TO POOL

5' HIGH FENCE w/ BLACK COPPER WIRE MESH

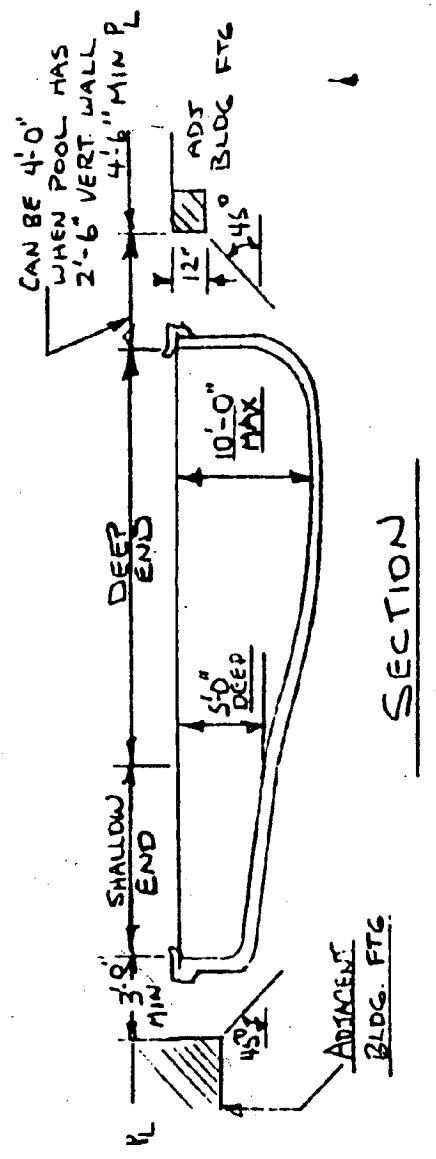
EXIST. FENCE

N

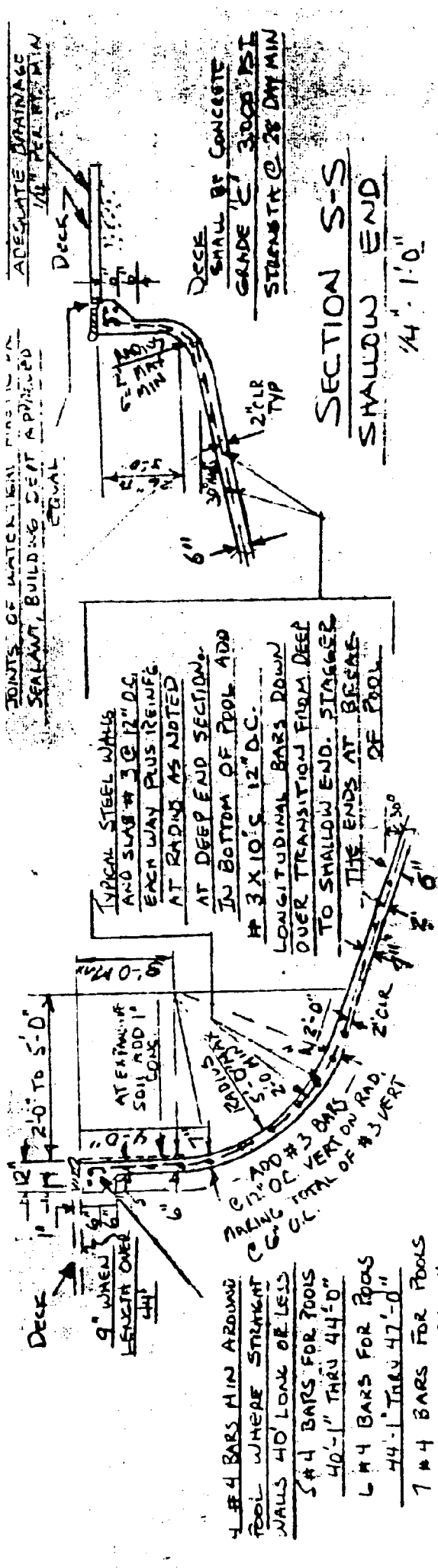
SCALE: 1/8" = 1'-0"



PLAN



SECTION

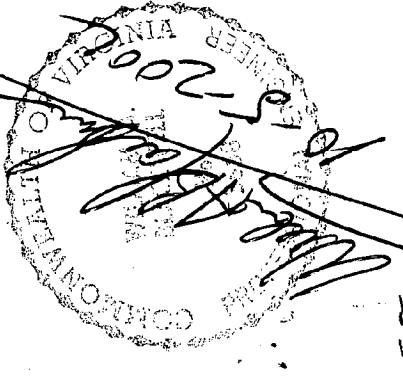


SECTION S-S
SHALLOW END
14'-1'-0"

SECTION D-D
TYPICAL SECTION
DEEP END
14'-1'-0"

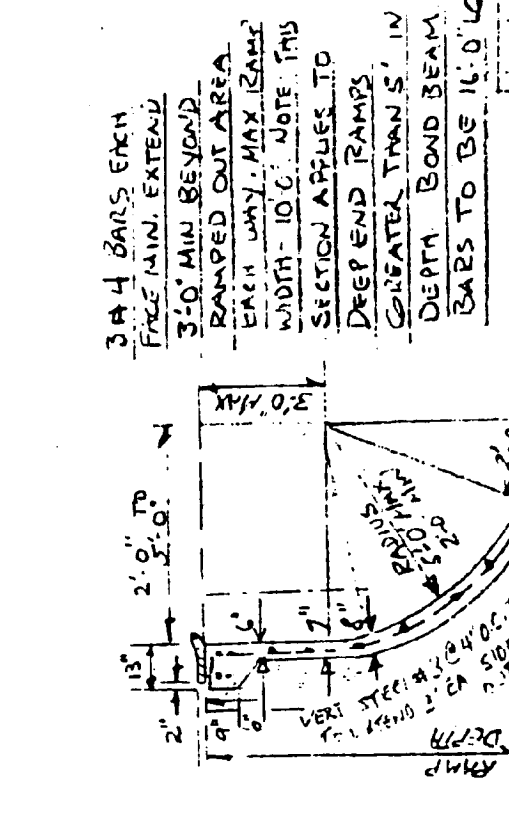
- 4 #4 BARS MIN AROUND POOL WHERE STRAIGHT WALLS 40' LONG OR LESS
- 5 #4 BARS FOR POOLS 40'-1" THRU 44'-0"
- 6 #4 BARS FOR POOLS 44'-1" THRU 47'-0"
- 7 #4 BARS FOR POOLS 47'-1" THRU 50'-0"
- 9 #4 BARS FOR POOLS 50'-1" THRU 60'-0"

NOTE THIS SECTION CAN BE USED FOR DEEP END RAMPS UP TO 5' IN DEPTH USE 5 #4 BOND BEAM BARS EXTEND BARS 5' EACH SIDE OF RAMP

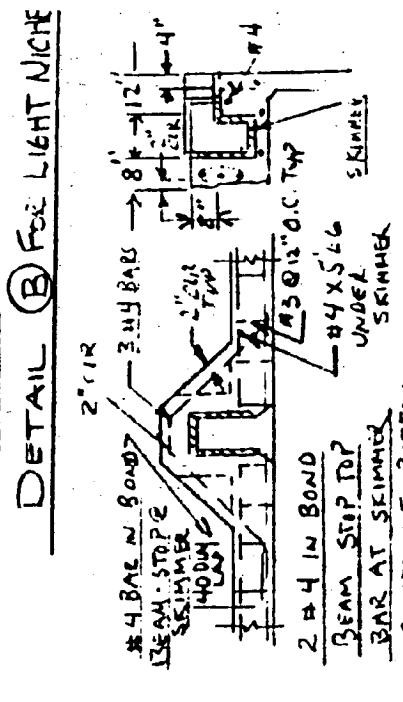


GENERAL NOTES:

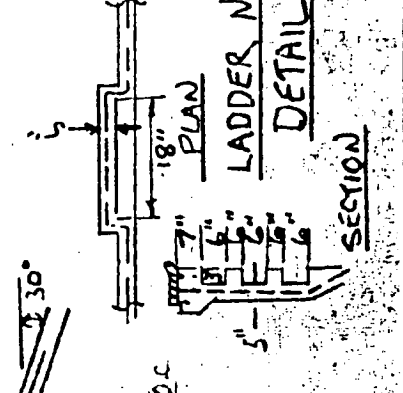
1. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT JOB SITE
2. CONCRETE SHALL BE PNEUMATICALLY PLACED GRADE "B" 3500 PSI STRENGTH AT 28 DAYS AND PROPORTIONED 1 PART CEMENT TO 4 1/2 PARTS SAND WITH MAXIMUM 3 GAL WATER PER BAGS OF CEMENT. OR SHALL BE MACHINE MIXED GRADE "C", 3500 PSI STRENGTH AT 28 DAYS 1:1 1/2:3 1/2 WITH 7 1/2 GAL WATER PER BAG, 3/4 GRAVEL OR 1:2:3 PER GRAVEL MIX
3. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A15-S8T AND A 305-S8T LAP ALL BARS 40 DIAMETERS MINIMUM
4. CONCRETE SHALL BE PLACED AGAINST NATURAL SOIL (2000 PSI) OR BUILDING DEPT. APPROVED 90% COMPACTED FILL, STANDARD POOL DESIGNED FOR 2'-6" FILL ABOVE NATURAL GRADE OR COMPACTED FILL LINE
5. PLUMBING, FILTERING SYSTEM UNDER SEPARATE SPECIFICATIONS.
6. OWNER SHALL INSTALL ADEQUATE FENCE OR OTHER APPROVED BARRIER BY BUILDING DEPT.
7. NO DAY WELLS TO BE LOCATED IN SWIMMING AREA



DETAIL (A)
SKIMMER BOX



SECTION



LADDER NICHE
DETAIL
SECTION

APPROVED
Montgomery County
Historic Preservation Commission
[Signature]
11/2/03

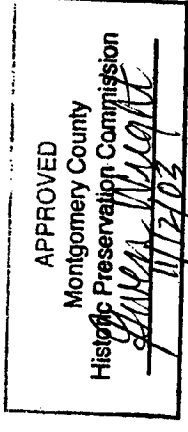
TOWN & COUNTRY POOLS
INC.
1540 FULLERTON CT.
STRINGFIELD, VA. 22153

GEN. NOTES:

1. ALL WORK PER APPLICABLE STATE & LOCAL CODE.
2. THIS DESIGN NOT APPLICABLE FOR CLAY SOIL.
3. KEEP EXC. FREE OF PONDING WATER

MATERIALS:

1. CONCRETE: 3000 PSI, 28 DAYS. 4" MAX. POUR SLUMP.
2. R. STEEL: ASTM-A615, GR. 40. DEFORMED.
3. CONC. MAS. UNITS: ASTM-C90, GR. A (N-1) LOAD BEARING, HOLLOW.
4. ASTM, TYPE S. (MORTAR).
5. CELL FILL: 3000 PSI, 28 DAYS.
6. FACE MAS.: BRICK OR STONE AS SPEC. EXTERIOR BRICK, SOUND STONE.
7. METAL TIES: 1" W X 1/6 GA., CORR.
8. HORIZ. JT. REINF.: DUR-O-WALL, OR EQ.
9. STONE/PIPE/FILTER CLOTH/WEEPS (SEE SECT.)

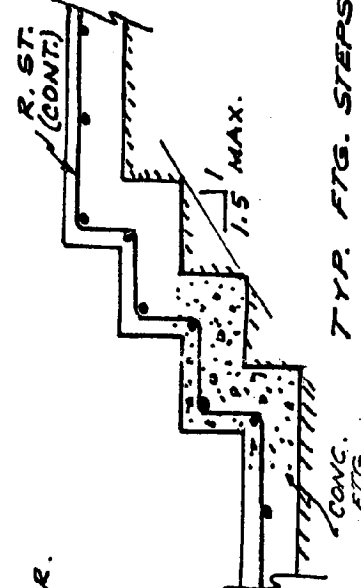
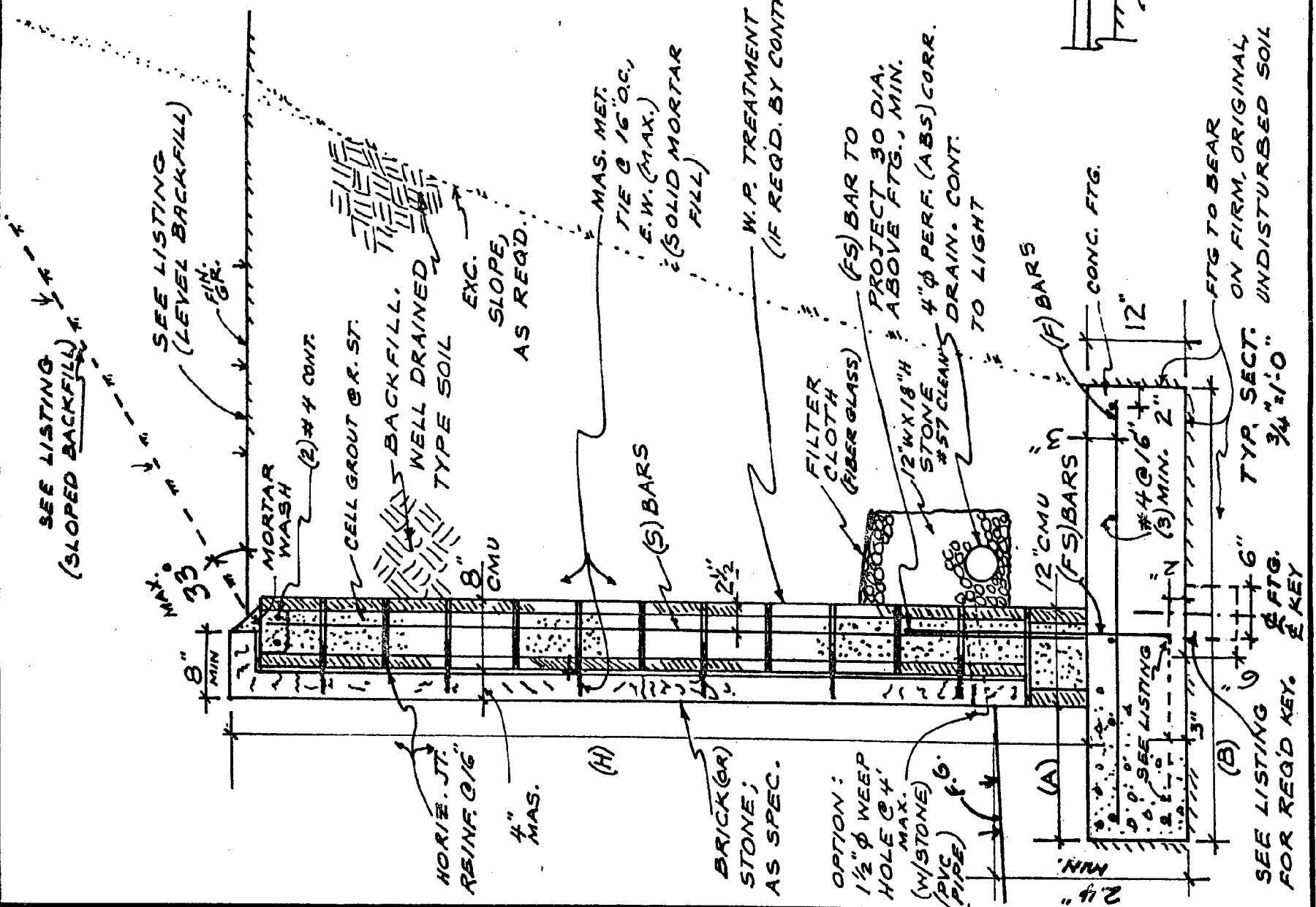


LEVEL BACKFILL (5' MAX)					SLOPING BACKFILL (30° MAX)					
H FT-IN	A IN	B FT-IN	(F) BARS	(FS) BARS	(S) BARS	A IN	B FT-IN	(F) BARS	(FS) BARS	(S) BARS
UP TO & INCLUDE 3'-4"	4"	2'-0"	#4@32"	#4@32"	#4@32"	6"	2'-4"	#4@32"	#4@32"	#4@32"
4'-8"	6"	2'-8"	#4@32"	#4@32"	#4@32"	10"	3'-2"	#4@32"	#4@32"	#4@32"
6'-0"	9"	3'-4"	#4@32"	#4@32"	#4@32"	14"	4'-0"	#4@16"	#4@16"	#4@16"
7'-4"	13"	4'-0"	#4@16"	#4@16"	#4@16"	18"	5'-0"	#6@24	#6@24	#6@24
8'-0"	16"	4'-8"	#4@16"	#6@16"	#6@16"	22"	6'-0"	#6@16"	#6@16"	#6@16"

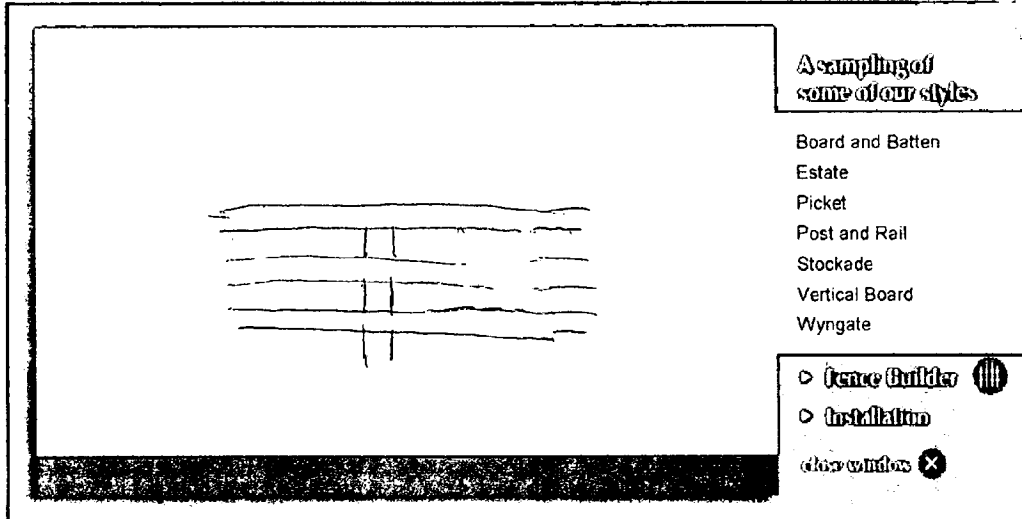
- NOTES:
- (1) (FS) BARS MAY BE ONE PIECE, TO TOP OF WALL.
 - (2) (FS) BARS TO BE BENT TOWARDS FRONT OF FTG. AS SHOWN; OR PROVIDE BOT. HORIZ. BARS, 24" LG., MIN., W/(2) #4 TEMP. STEEL.
 - (3) PROVIDE FTG KEY.



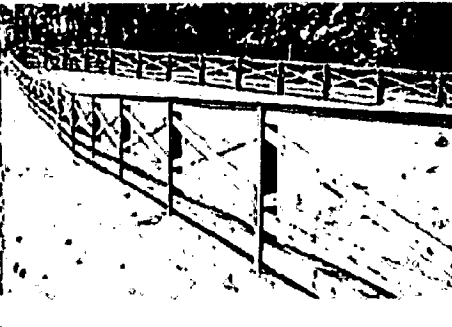
NETO CONST. CO. VIENNA, VA
STRUCTURAL
 WM. A. BLACKWELL, P.E.
 GAINESVILLE, VA
 MASONRY RETAINING WALL
 DATE: 11-21-94 DWG: 94-124



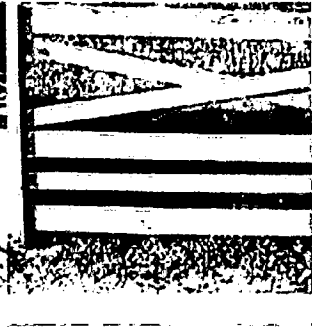
SEE LISTING (SLOPED BACKFILL) 4' MIN. GR.
 SEE LISTING (LEVEL BACKFILL) 4' MIN. GR.
 SEE LISTING FOR REQD KEY.
 SEE LISTING FOR REQD KEY.
 SEE LISTING FOR REQD KEY.



Estate Fence
4 rail with Cross X



Estate Fence
5 rail with cross X & cap board



Estate Fence
6 rail with Cross X

◀ Back 3 of 5 Next ▶

↑ HST Plan Comm

Hearing Nov. 12
for permit

APPROVED
Montgomery County
Historic Preservation Commission
Janet Wright
11/12/03



From corner of front porch looking toward NEU



From Waverly Ave. looking NEU



From DANVILL looking NE



From "Back" of yard looking NEU

Attachment 5 (2 of 3)



From Yard Looking W



From Corner of Yard Looking S
N

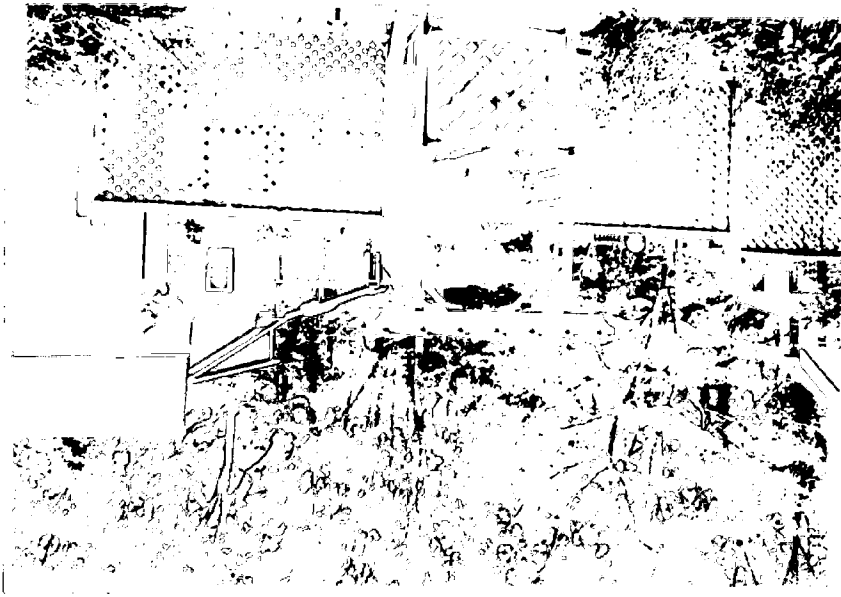


From Driveway Looking N



From Corner of Yard Looking S
N

A-5 (3 of 3)



From driveway looking N



From porch (back steps) looking NW

Attachment 5 (3 of 3)

HISTORIC PRESERVATION COMMISSION STAFF REPORT

Address: 4609 Waverly, Garrett Park **Meeting Date:** 11/12/03
Resource: Garrett Park Historic District **Report Date:** 11/05/03
Outstanding Resource
Review: HAWP **Public Notice:** 10/29/03
Case Number: 30/13-03B **Tax Credit:** N/A

Applicant: Nick Doudoumopoulos/Pam Burgess **Staff:** Gwen Wright

Proposal: Pool Construction, Retaining Wall and Fence Installation

Staff Recommendation: Approval

DESCRIPTION

RESOURCE: Garrett Park Historic District
SIGNIFICANCE: Outstanding Resource
STYLE: Queen Anne
CONSTRUCTION DATE: 1892

The subject house is a Queen Anne style structure, located on a prominent corner in the heart of the Garrett Park Historic District. It has had several additions over the years and was covered with aluminum siding before the historic district was created. It still retains its original front porch and slate shingle roof.

The property includes three lots and the house straddles two of these lots, with one lot empty. The open space around the house gives it a rural feel and contributes to the historic character of the property.

PROPOSAL

The current proposal is to construct a 520 square foot, “free lake form”, in-ground pool in the rear yard of the house. There will be a flagstone deck around the perimeter of the new pool. Construction of the pool will necessitate the building of an 18” high curvilinear retaining wall, which will extend from the existing concrete patio to the rear corner of the property. This wall will be faced dry stack stone. In addition, the existing fence will be replaced in its current location. The existing fence is a simple horizontal board fence with a wire mesh attached. The new fence will be a five foot high horizontal board fence

with a criss-cross design (see page ____.) The new fence will have a black wire mesh lining on the outside.

STAFF DISCUSSION

The proposed pool, retaining wall, and fence will have little or no effect on the historic character of the Outstanding Resource at 4609 Waverly or the Garrett Park Historic District.

The pool and retaining wall are at the rear of the property, grading need for the pool installation has been minimized, and no trees will need to be removed for the project. A small clump of mature boxwoods will need to be removed for the pool installation and staff recommends that the owner consider transplanting the boxwoods to a different part of the yard.

The fence proposed for the project is appropriate and will follow the location of the existing fence. The effect on the streetscape will be minimal.

STAFF RECOMMENDATION

Staff recommends that the Commission approve the HAWP application as being consistent with Chapter 24A-8(b)2:

The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter.

The proposal is also consistent with the Secretary of the Interior Guidelines #9 and #10:

New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.

New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

and with the general condition applicable to all Historic Area Work Permits that **the applicant will present 3 permit sets of drawings to HPC staff for review and stamping prior to submission for permits.** After issuance of the Montgomery County Department of Permitting Services (DPS) permit, the applicant will arrange for a field inspection by calling the DPS Field Services Office at (240) 777-6370 or online at www.permits.emontgomery.org prior to commencement of work and not more than two weeks following completion of work.



RETURN TO: DEPARTMENT OF PERMITTING SERVICES
255 ROCKVILLE PIKE, 2nd FLOOR, ROCKVILLE, MD 20850
240/777-6370

DPS - #8

*received
10/22/03*

HISTORIC PRESERVATION COMMISSION
301/563-3400

APPLICATION FOR HISTORIC AREA WORK PERMIT

Tax Account No.: 00058465/00058476
 Name of Property Owner: Nick Doudoumopoulos/Pam Burgess Daytime Phone No.: 202 258 0271
 Address: 4609 Waverly Ave, Garrett Park, MD 20896
Street Number City State Zip Code
 Contractor: Town and Country Pools Inc. Phone No.: 703 451 6660
 Contractor Registration No.: 18376 (Va) / 3226 (MD)
 Agent for Owner: Andy Kaubett Daytime Phone No.: 240 447 5615

LOCATION OF BUILDING/PREMISE

House Number: 4609 Street: Waverly Ave.
 Town/City: Garrett Park Nearest Cross Street: Waverly / Montross
 Lot: 31/32 Block: 100 Subdivision: 003
 Liber: _____ Folio: _____ Parcel: _____

PART ONE: TYPE OF PERMIT ACTION AND USE

1A. CHECK ALL APPLICABLE: CHECK ALL APPLICABLE:
 Construct Extend Alter/Renovate A/C Slab Room Addition Porch Deck Shed
 Move Install Wreck/Raze Solar Fireplace Woodburning Stove Single Family
 Revision Repair Revocable Fence/Wall (complete Section 4) Other: Pool
 1B. Construction cost estimate: \$ 30,000⁰⁰/MO
 1C. If this is a revision of a previously approved active permit, see Permit # NO

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

2A. Type of sewage disposal: 01 WSSC 02 Septic 03 Other: _____
 2B. Type of water supply: 01 WSSC 02 Well 03 Other: _____

PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL

3A. Height 5 feet 0 inches
 3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:
 On party line/property line Entirely on land of owner On public right of way/easement

I hereby certify that I have the authority to make the foregoing application, that the application is correct, and that the construction will comply with plans approved by all agencies listed and I hereby acknowledge and accept this to be a condition for the issuance of this permit.

[Signature]
Signature of owner or authorized agent

10/21/03
Date

Approved: 322245 For Chairperson, Historic Preservation Commission
 Disapproved: _____ Signature: _____ Date: _____
 Application/Permit No.: _____ Date Filed: _____ Date Issued: _____

3

THE FOLLOWING ITEMS MUST BE COMPLETED AND THE REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.

1. WRITTEN DESCRIPTION OF PROJECT

a. Description of existing structure(s) and environmental setting, including their historical features and significance:

See attached (1a)

b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district:

See attached (1b)

2. SITE PLAN

see attached (2)

Site and environmental setting, drawn to scale. You may use your plat. Your site plan must include:

- a. the scale, north arrow, and date;
- b. dimensions of all existing and proposed structures; and
- c. site features such as walkways, driveways, fences, ponds, streams, trash dumpsters, mechanical equipment, and landscaping.

3. PLANS AND ELEVATIONS

(see attached (3))

You must submit 2 copies of plans and elevations in a format no larger than 11" x 17". Plans on 8 1/2" x 11" paper are preferred.

- a. Schematic construction plans, with marked dimensions, indicating location, size and general type of walls, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
- b. Elevations (facades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and fixtures proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each facade affected by the proposed work is required.

4. MATERIALS SPECIFICATIONS

see attached (4)

General description of materials and manufactured items proposed for incorporation in the work of the project. This information may be included on your design drawings.

5. PHOTOGRAPHS

see attached (5)

- a. Clearly labeled photographic prints of each facade of existing resource, including details of the affected portions. All labels should be placed on the front of photographs.
- b. Clearly label photographic prints of the resource as viewed from the public right-of-way and of the adjoining properties. All labels should be placed on the front of photographs.

6. TREE SURVEY

N/A

If you are proposing construction adjacent to or within the dropline of any tree 6" or larger in diameter (at approximately 4 feet above the ground), you must file an accurate tree survey identifying the size, location, and species of each tree of at least that dimension.

7. ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS

see attached (7)

For ALL projects, provide an accurate list of adjacent and confronting property owners (not tenants), including names, addresses, and zip codes. This list should include the owners of all lots or parcels which adjoin the parcel in question, as well as the owner(s) of lot(s) or parcel(s) which lie directly across the street/highway from the parcel in question. You can obtain this information from the Department of Assessments and Taxation, 51 Monroe Street, Rackville, (301/279-1355).

PLEASE PRINT (IN BLUE OR BLACK INK) OR TYPE THIS INFORMATION ON THE FOLLOWING PAGE.
PLEASE STAY WITHIN THE GUIDES OF THE TEMPLATE, AS THIS WILL BE PHOTOCOPIED DIRECTLY ONTO MAILING LABELS.

4

HAWP APPLICATION ATTACHMENTS

Nick Doudoumopoulos / Pam Burgess
4609 Waverly Avenue
Garrett Park, MD 20896

Attachment 1a.

Two structures exist on the property at present; an 1887 Victorian/Farm House and a shed. The house has several one story additions which have been added over the years. The house sits on approximately $\frac{3}{4}$ of an acre of land in a rural town setting. The house sits on a corner lot, up on a hill from both adjacent streets (Waverly and Montrose). To a large degree the Victorian nature of the house has been covered up by aluminum siding, most likely added in the 60s. Retained features include expansive covered porch and "victorianesque" roof line.

Attachment 1b.

The general project is to construct a 520 sqft, "free lake form", in-ground pool. As the existing post and rail fence is not to Montgomery County codes for pools (must be at least 60 inches), the project will include a new post and rail fence which meets the all the county requirements. The project will take place in a large grassy area and as such will not adversely effect the environmental setting (including trees). The fence will be built on the same line as the existing fence and as such should not adversely effect the environmental setting.

Attachment 4

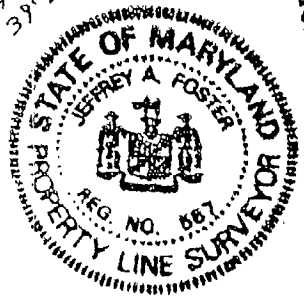
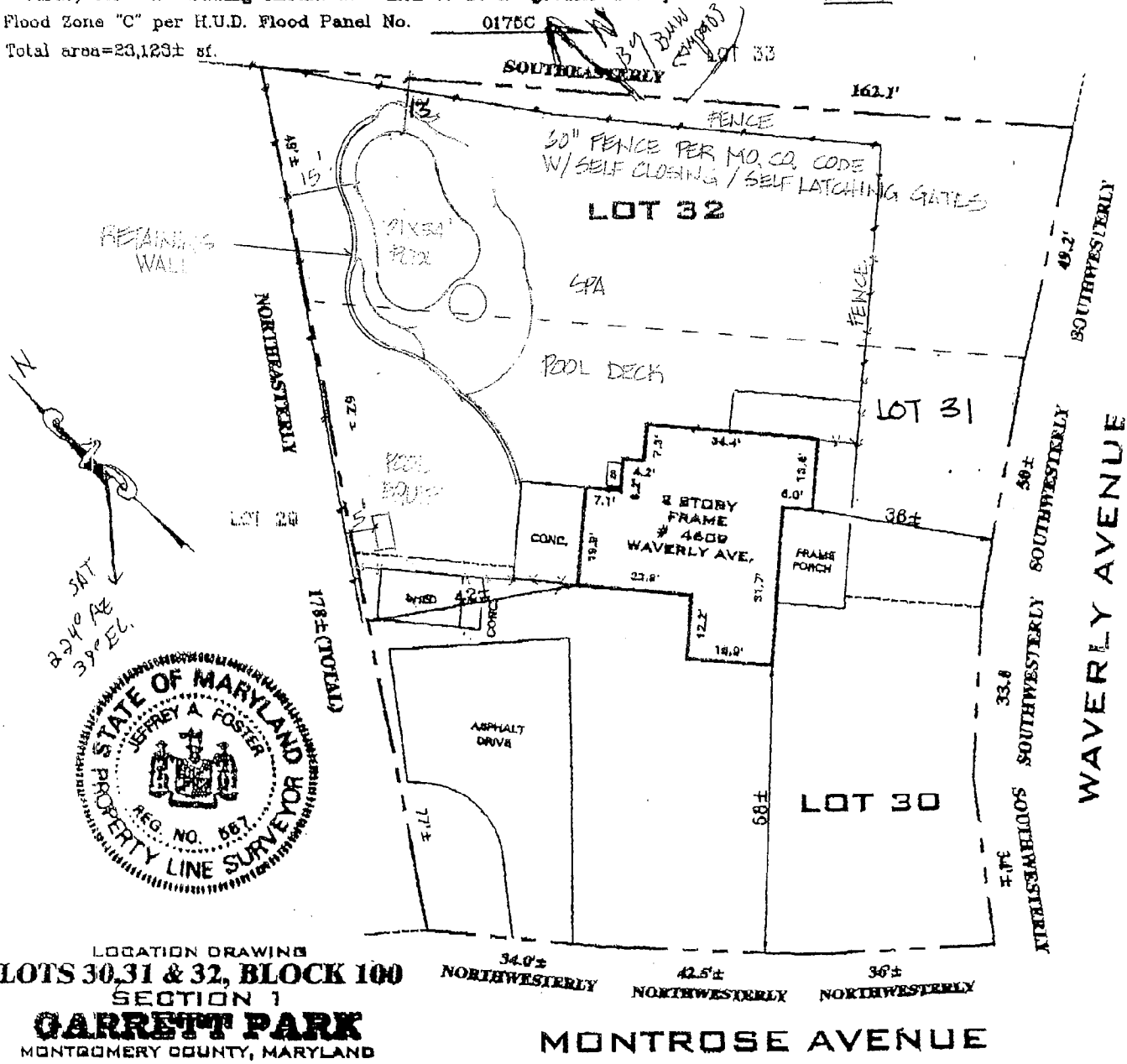
The pool will be an inground pool constructed from Gunnite and plaster. The decking around the pool will be made from exposed aggregate. The coping around the pool will be made from flagstone as will the border around the edges of the deck. An 18 inch, dry stack, stone wall will be used as a retaining wall along the north border of the deck (see plan). The pool will use white plaster which will render a "blue-ish" water color. The fence will be a wooden post and rail fence with black mesh wire lining on the outside (as per code). The pool equipment will be located within a fenced area adjacent to the shed (see plan).

CONSUMER INFORMATION NOTES:

1. This plan is a benefit to a consumer insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing.
2. This plan is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements.
3. This plan does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.
4. Building line and/or Flood Zone information is taken from available sources and is subject to interpretation of originator.


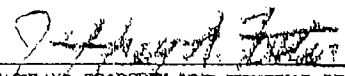
Setback distances as shown to the principal structure from property lines are approximate. The level of accuracy for this drawing should be taken to be no greater than plus or minus 2 Feet.

Flood Zone "C" per H.U.D. Flood Panel No. 0175C
 Total area=23,123± sf.

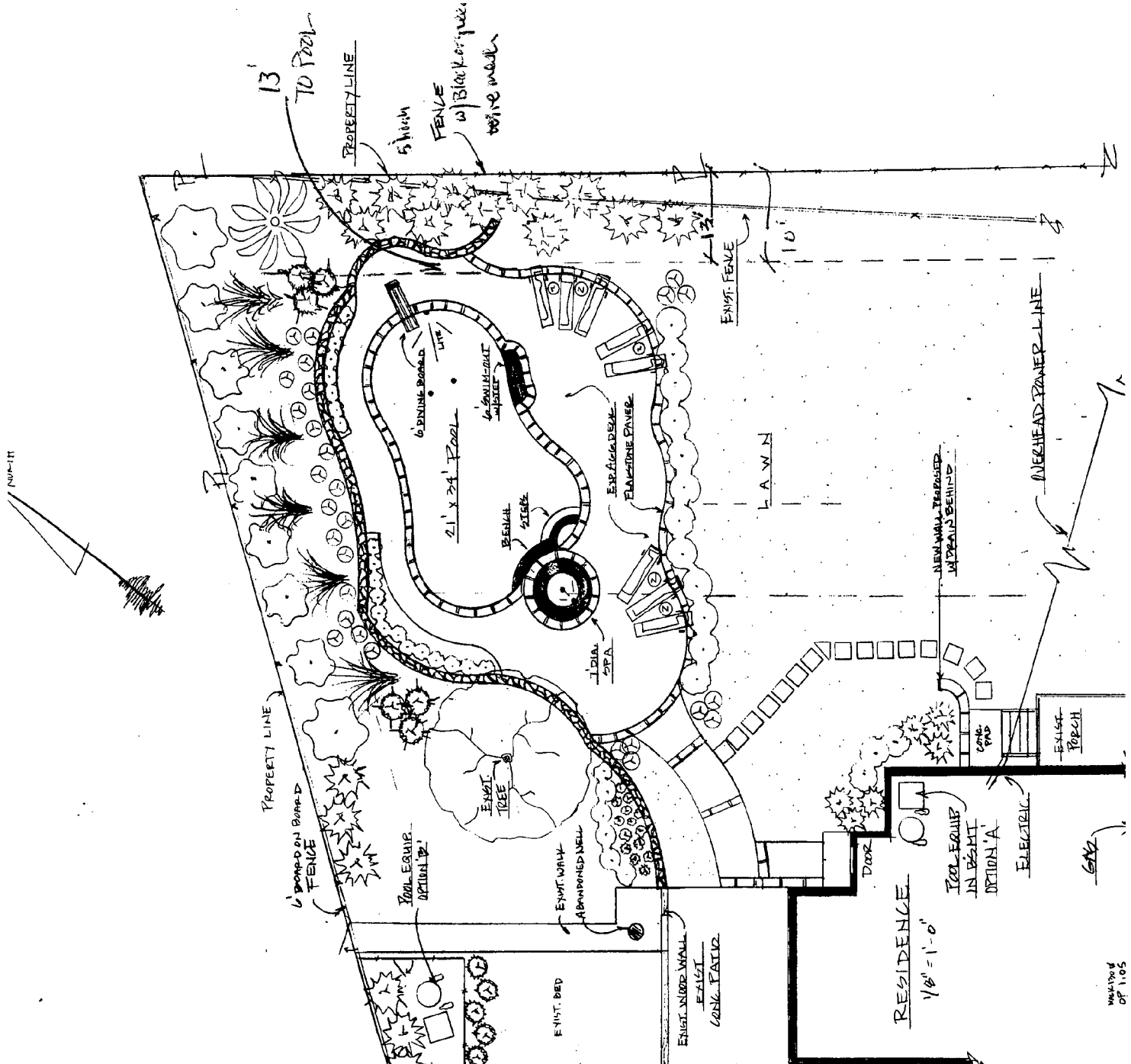


LOCATION DRAWING
LOTS 30, 31 & 32, BLOCK 100
 SECTION 1
GARRETT PARK
 MONTGOMERY COUNTY, MARYLAND

MONTROSE AVENUE

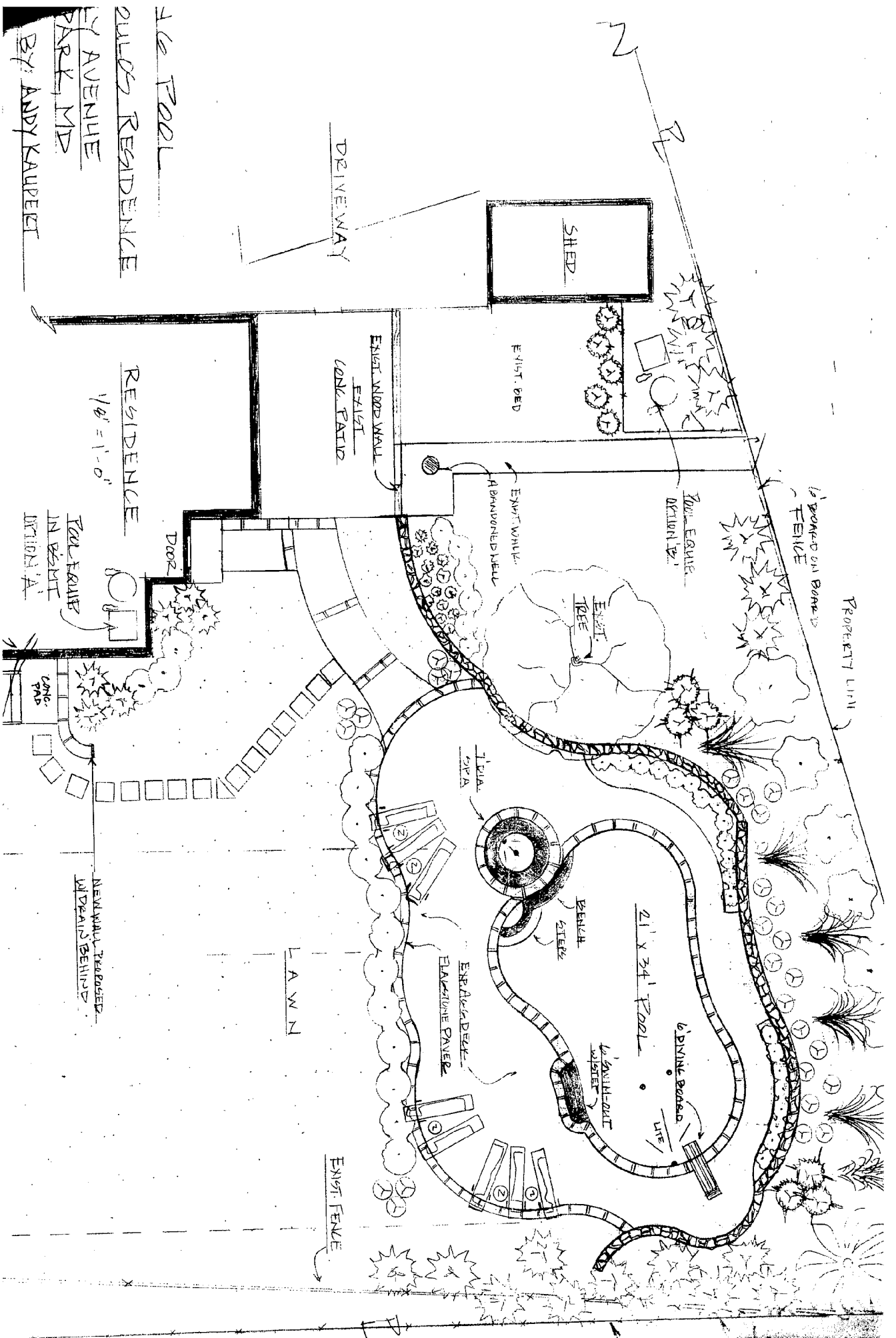
SURVEYOR'S CERTIFICATE		REFERENCES	 SNIDER & ASSOCIATES SURVEYORS - ENGINEERS LAND PLANNING CONSULTANTS 2 Professional Drive, Suite 216 Gaithersburg, Maryland 20878 301/948-6100, Fax 301/948-1286
"THE INFORMATION SHOWN HEREON HAS BEEN BASED UPON THE RESULTS OF A FIELD INSPECTION PURSUANT TO THE DEED OR PLAT OF RECORD. EXISTING STRUCTURES SHOWN HAVE BEEN FIELD LOCATED BASED UPON MEASUREMENTS FROM PROPERTY MARKERS FOUND OR FROM EVIDENCE OF LINES OF APPARENT OCCUPATION."		PLAT BK. A PLAT NO. 28	
 MARYLAND PROPERTY LINE SURVEYOR REG. NO. 867		LIBER 15596 FOLIO 273	DATE OF LOCATIONS WALL CHECK: HSE. LOC.: 12-18-2000
			SCALE: 1" = 30' DRAWN BY: F.A. JOB NO.: 2000-5434

Pool Deck 950 sq. ft.
 Walkway 130 sq. ft.



SWIMMING POOL
 DOURMORPOLOS RESIDENCE
 4609 WAVERLY AVENUE
 GARRETT PARK, MD
 DESIGNED BY ANDY KAUFERT
 TOWN AND COUNTRY POOLS, INC.
 7540 ELLERSON COURT
 SPRINGFIELD, VA 22152
 SCALE: 1/8" = 1'-0"

Sheet 1 of 1.05



1/2 POOL
 QUINN RESIDENCE
 AVENUE
 PARK, MD
 BY: ANDY KAUPERT

RESIDENCE
 1/2" = 1'-0"

POOL EQUIP
 IN EXIST
 SECTION 'A'

NEW WALL TYPED
 IN DRAIN BEHIND

LAWN

EXIST. FENCE

DRIVEWAY

EXIST. WOOD WALL
 EXIST.
 CONG. PAD

DOOR

SHED

EXIST. BED

EXIST. WALKER
 A BANNONED HELL

POOL EQUIP
 DETAIL 'B'

1/2 BOUND ON BOUND
 FENCE

PROPERTY LINE

TIVA
 SPA

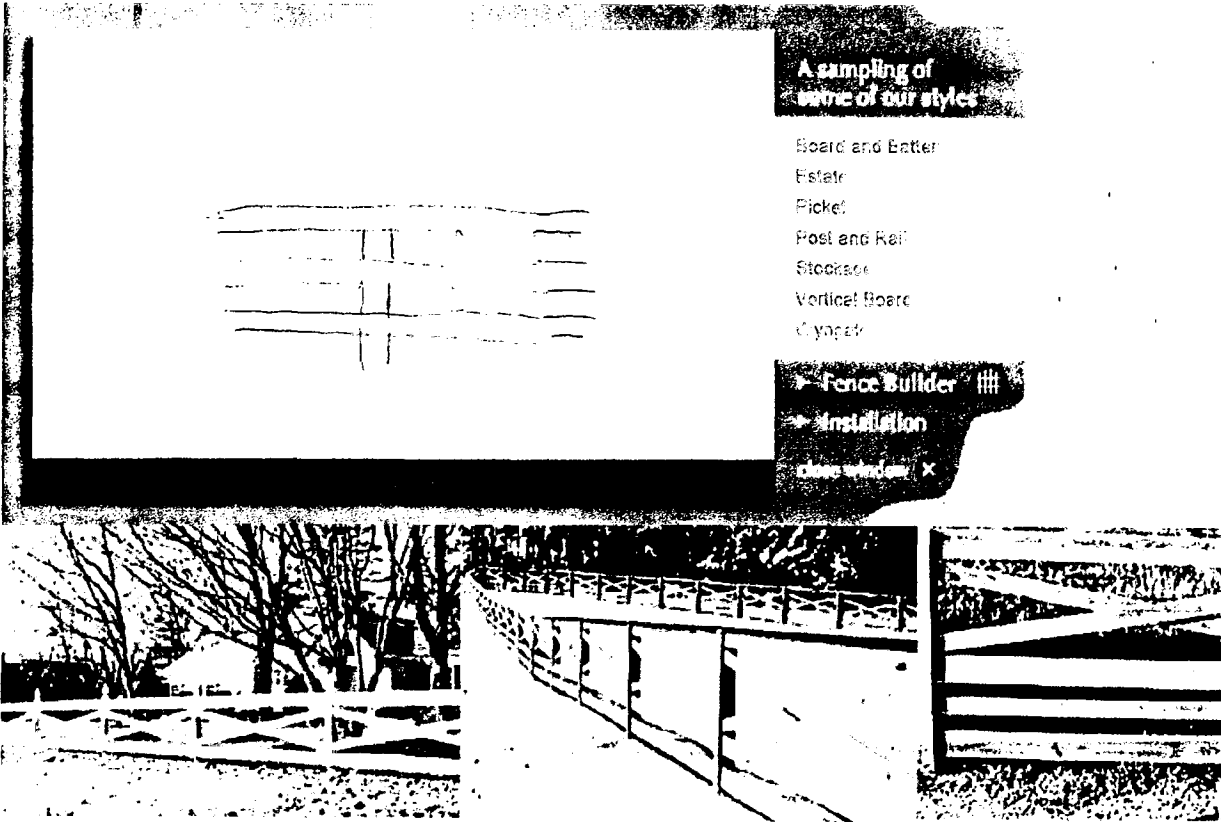
EXPANDED DECK
 ELASTIC PAVEMENT

BENCH
 STEPS

21' X 34' POOL

6' DIVING BOARD
 6' SWIM-OUT
 1/2' W/STRET

LIFE




Estate Fence
4 rail with Cross X

Estate Fence
5 rail with cross X & cap board

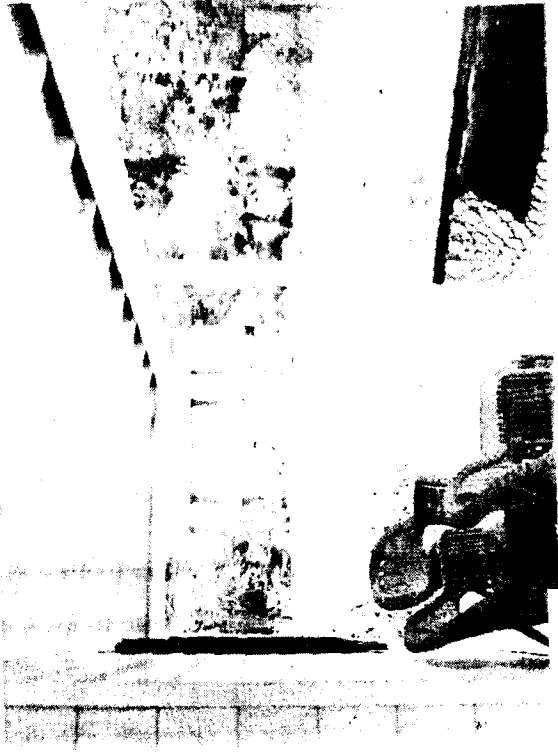
Estate Fence
6 rail with Cross X

◀ Back 3 of 4 Next ▶



 HSB Plan Comm
 Hearing Nov. 12
 for permit

Efforts of (1918)



Person sitting on porch looking towards building



Small building in wooded area



Large tree in foreground



Building in wooded area

1918

10/10/2007 10:00 AM

View from Yard Looking N.W.

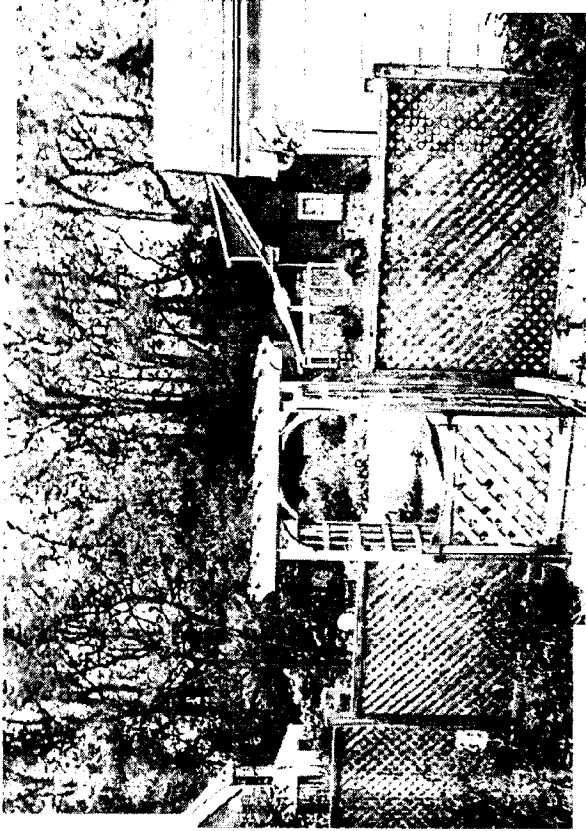


A portion of Yard Looking N

View from Driveway Looking N.E.



A portion of Yard Looking N.E.



From Driveway Looking N



From Porch (Back Steps) Looking N

1/25/57

Attachment 7

Owner's Mailing Address
Nick Doudoumopoulos
PO Box 361
Garrett Park, MD 20896

Owner's Agent's Mailing Address
Andy Kaubert
Town and Country Pools Inc.
7540 Fullerton Court
Springfield, VA 22153

Adjacent and confronting Property Owners mailing addresses

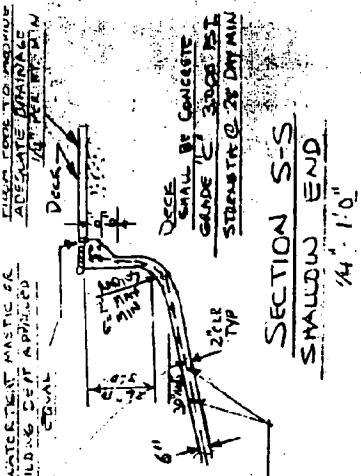
Norbert and Elaine Kraich
PO Box 373
4605 Waverly Avenue
Garrett Park, MD 20896

Dennis Coleman & Julie Knowles
4701 Waverly Avenue
PO Box 384
Garrett Park, MD 20896

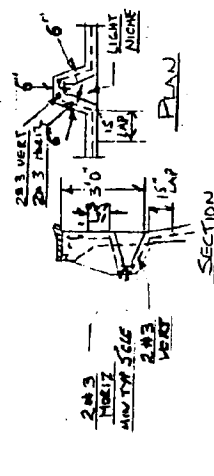
<<Name??>> - just moved in
4700 Waverly Avenue
Garrett Park, MD 20896

Mike and Betty Brannon
11005 Montrose Avenue
PO Box 334
Garrett Park, MD 20896

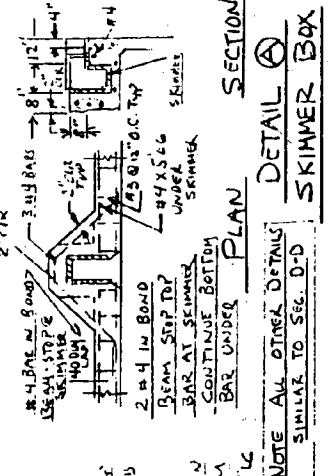
Rusty and Cathy Bodine
11004 Montrose Avenue
PO Box 284
Garrett Park, MD 20896



SECTION S-S
SMALL END
1/4" - 1'-0"

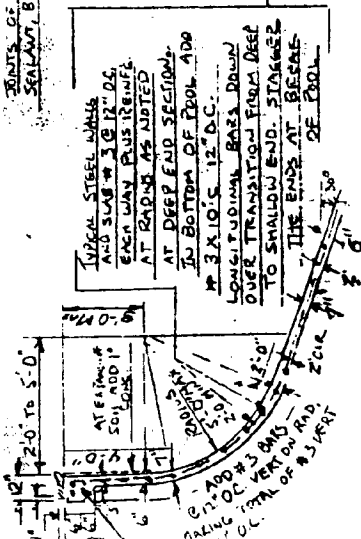


DETAIL (B) FOR LIGHT NICHE
PLAN SECTION

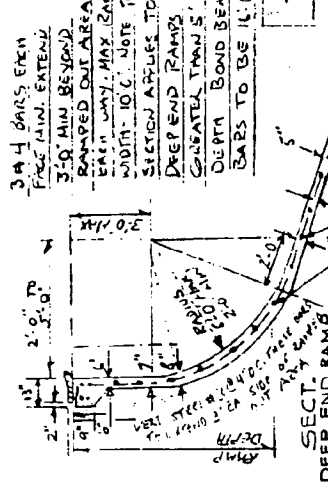


DETAIL (A)
SKIMMER BOX
PLAN SECTION

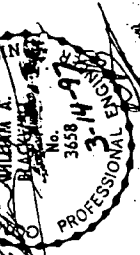
TOWN COUNTRY POOLS
INC.
1540 FULLERTON CT.
SPRINGFIELD, VA 22153



SECTION D-D
DEEP END
1/4" - 1'-0"

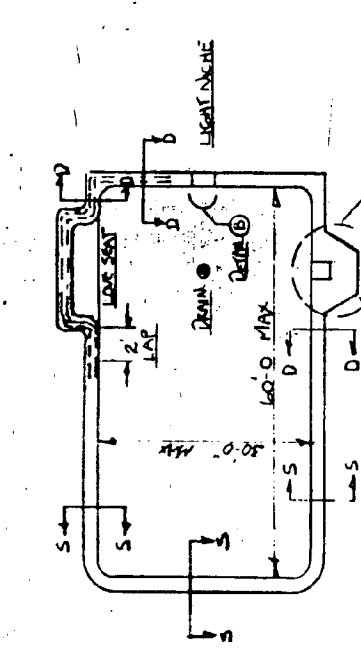


DEEP END RAMP
1/4" - 1'-0"

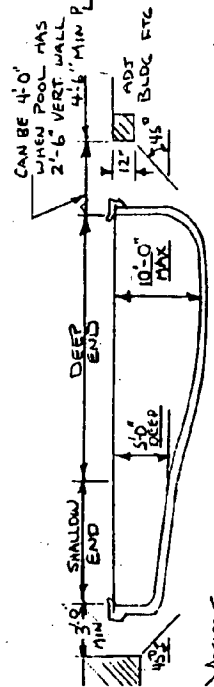


- 4 #4 BARS MIN AROUND POOL WHERE STRAIGHT WALLS MEET OR LESS
- 5 #4 BARS FOR POOLS 40'-1" THRU 44'-0"
- 6 #4 BARS FOR POOLS 44'-1" THRU 47'-0"
- 7 #4 BARS FOR POOLS 47'-1" THRU 50'-0"
- 9 #4 BARS FOR POOLS 50'-1" THRU 60'-0"

NOTE THIS SECTION CAN BE USED FOR DEEP END RAMPS UP TO 5' IN DEPTH USE 5 #4 BOND BEAM BARS FEATHERED BARS 3' LENGTH SIDE OF RAMP



PLAN



SECTION

ADVANCE BLOC. ETC

GENERAL NOTES:
 CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT JOB SITE
 CONCRETE SHALL BE AUTOMATICALLY PLACED GRADE 28" 3500 PSI STRENGTH
 AT 28 DAYS AND PROPORTIONED 1 PART CEMENT TO 4 1/2 PARTS SAND WITH
 MAXIMUM 3 GAL WATER PER BAGS OF CEMENT. OR SHALL BE MACHINE MIXED GRADE
 "C" 3500 PSI STRENGTH AT 28 DAYS 1 1/2:2:3 1/2" WITH 7 1/2 GAL WATER PER BAG
 PER BAG 34 GRAVEL OR 1/2:2:3 PER GRAVEL MIX
 REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A15-58T
 AND A 305-58T LAP ALL BARS 40 DIAMETERS MINIMUM
 CONCRETE SHALL BE PLACED AGAINST NATURAL SOIL (2000 PSI) OR BUILDING DEPT
 APPROVED 90% COMPACTED FILL; STANDARD POOL DESIGNER FOR 2'-6" FILL ABOVE FINISH
 GRADE OR COMPACTED FILL LINE
 PLUMBING FILTERING SYSTEM UNDER SEPARATE SPECIFICATIONS
 OWNER SHALL INSTALL ADEQUATE FENCE OR OTHER APPROVED BARRIER BY BUILDING DEPT.
 NO DRY WELLS TO BE LOCATED IN SWIMMING AREA

SEE LISTING (SLOPED BACKFILL)

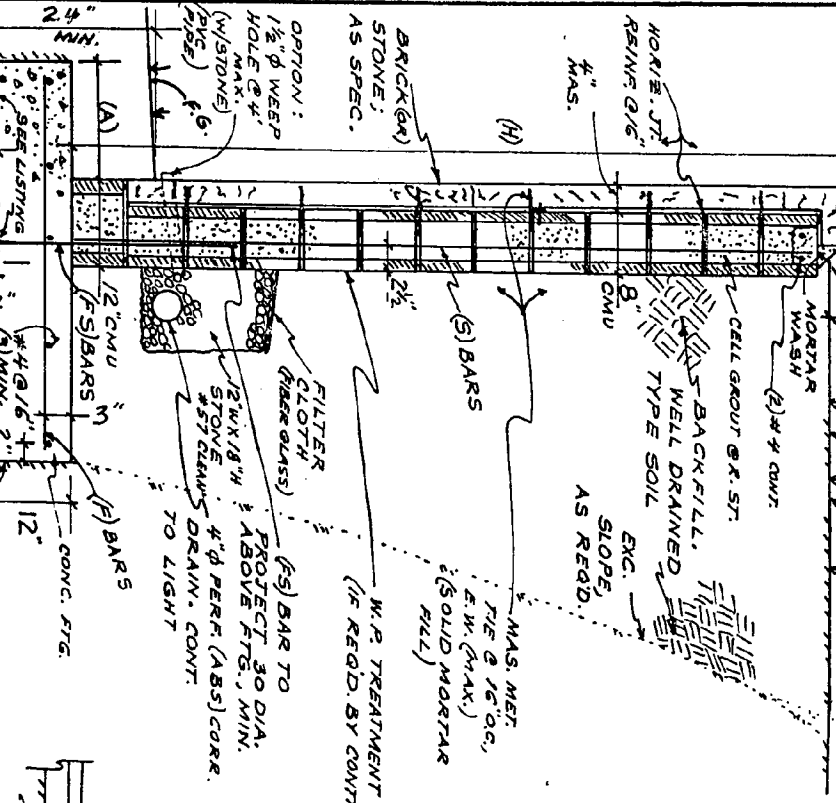
SEE LISTING (LEVEL BACKFILL)

MATERIALS:

1. CONCRETE: 3000 PSI, 28 DAYS, 4" MAX. POUR SLUMP.
2. R. STEEL: ASTM-A615, GR. 40, DEFORMED.
3. CONC. MAS. UNITS: ASTM-C90, GR. A (N).
4. ASTM, TYPE-S (MORTAR).
5. CELL FILL: 3000 PSI, 28 DAYS.
6. FACE MAS.: BRICK OR STONE AS SPEC. EXTERIOR BRICK, SOUND STONE.
7. METAL TIES: 1" W X 1/8" GA, CORR.
8. HORIZ. JT. REINF.: DUR-O-WALL, OR EQ.
9. STONE/PIPE/FILTER CLOTH/WEEPS (SEE SECT.)

GEN. NOTES:

1. ALL WORK PER APPLICABLE NFPA & LOCAL CODE.
2. THIS DESIGN NOT APPLICABLE FOR CLAY SOIL.
3. KEEP EXC. FREE OF PONDING WATER.



LEVEL BACKFILL (5" MAX)				SLOPING BACKFILL (30" MAX)				
H	A	B	(F) BARS	(S) BARS	A	B	(F) BARS	(S) BARS
4'-0"	4"	2'-0"	#4@32	#4@32	6"	2'-4"	#4@32	#4@32
4'-8"	6"	2'-8"	#4@32	#4@32	10"	3'-2"	#4@32	#4@32
6'-0"	9"	3'-4"	#4@32	#4@32	14"	4'-0"	#4@16	#4@16
7'-4"	13"	4'-0"	#4@16	#4@16	18"	5'-0"	#6@24	#6@24
8'-0"	16"	4'-8"	#4@16	#6@16	22"	6'-0"	#6@8	#6@8

- NOTES:
- (1) (F-S) BARS MAY BE ONE PIECE, TO TOP OF WALL.
 - (2) (F-S) BARS TO BE BENT TOWARDS FRONT OF FTG. AS SHOWN; OR PROVIDE BOT. HORIZ. BARS, 24" LG., MIN., W/(2) #4 TEMP. STEEL.
 - (3) PROVIDE FTG. KEY.



NOTE: MIN. 4" R. ST. CONC. FTG. TYP. FTG. STEPS N.T.S.

NETO CONST. CO. VIENNA, VA
 STRUCTURAL
 MASONRY RETAINING WALL
 Wm. A. Blackwell, P.E.
 GAINESVILLE, VA
 DATE: 11-21-94 DWG. #: 94-124

Attachment

2

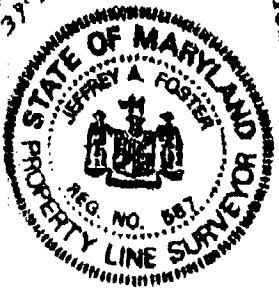
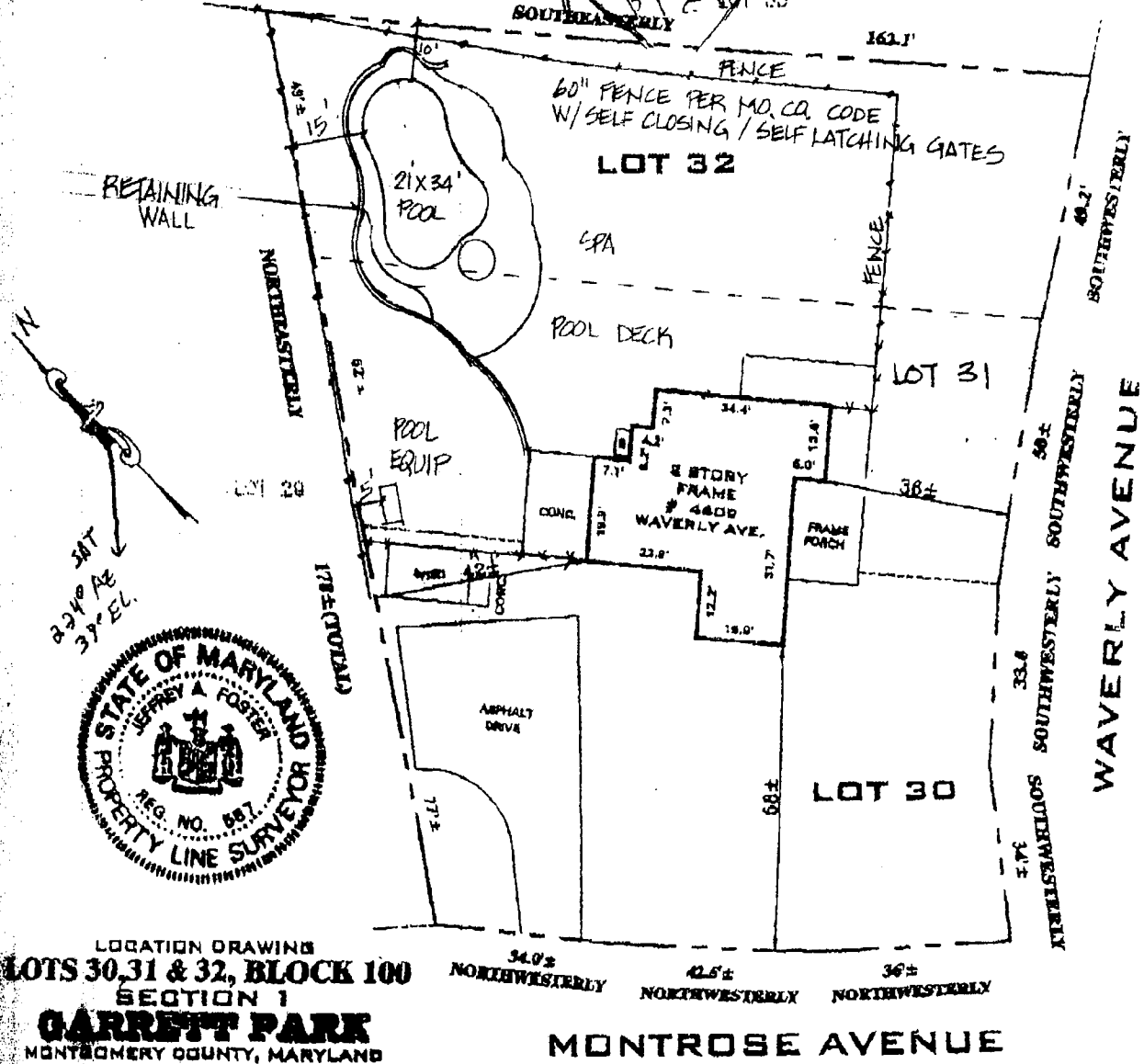
CONSUMER INFORMATION NOTES:

1. This plan is a benefit to a consumer insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing.
2. This plan is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements.
3. This plan does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.
4. Building line and/or Flood Zone information is taken from available sources and is subject to interpretation of originator.

setback distances as shown to the principal structure from property lines are approximate. The level of accuracy for this drawing should be taken to be no greater than plus or minus 2 Feet.

Flood Zone "C" per H.U.D. Flood Panel No. 0176C

Total area=23,123± sf.



LOCATION DRAWING
LOTS 30, 31 & 32, BLOCK 100
 SECTION 1
GARRETT PARK
 MONTGOMERY COUNTY, MARYLAND

MONTROSE AVENUE

SURVEYOR'S CERTIFICATE		REFERENCES			SNIDER & ASSOCIATES SURVEYORS - ENGINEERS LAND PLANNING CONSULTANTS 8 Professional Drive, Suite 216 Gaithersburg, Maryland 20878 301/946-8100, Fax 301/946-1286	
THE INFORMATION SHOWN HEREON HAS BEEN PREPARED UPON THE RESULTS OF A FIELD INSPECTION OF THE DEED OR PLAT OF RECORD, EXISTING LOCATIONS SHOWN HAVE BEEN FIELD LOCATED BASED ON MEASUREMENTS FROM PROPERTY MARKERS FOUND IN FROM EVIDENCE OF LINE OF APPARENT OCCUPATION.		PLAT BK. A	PLAT NO. 26		DATE OF LOCATIONS	SCALE: 1" = 30'
		LIBER. 18635	FOLIO 279	WALL CHECK:	DRAWN BY: F.A.	
		MONTGOMERY COUNTY, MARYLAND PROPERTY LINE SURVEYOR REG. NO. 887		HSE. LOC.: 12-18-2000	JOB NO.: 2000-5434	

CONSUMER INFORMATION NOTES:

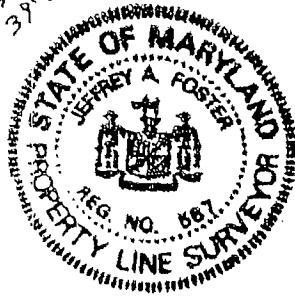
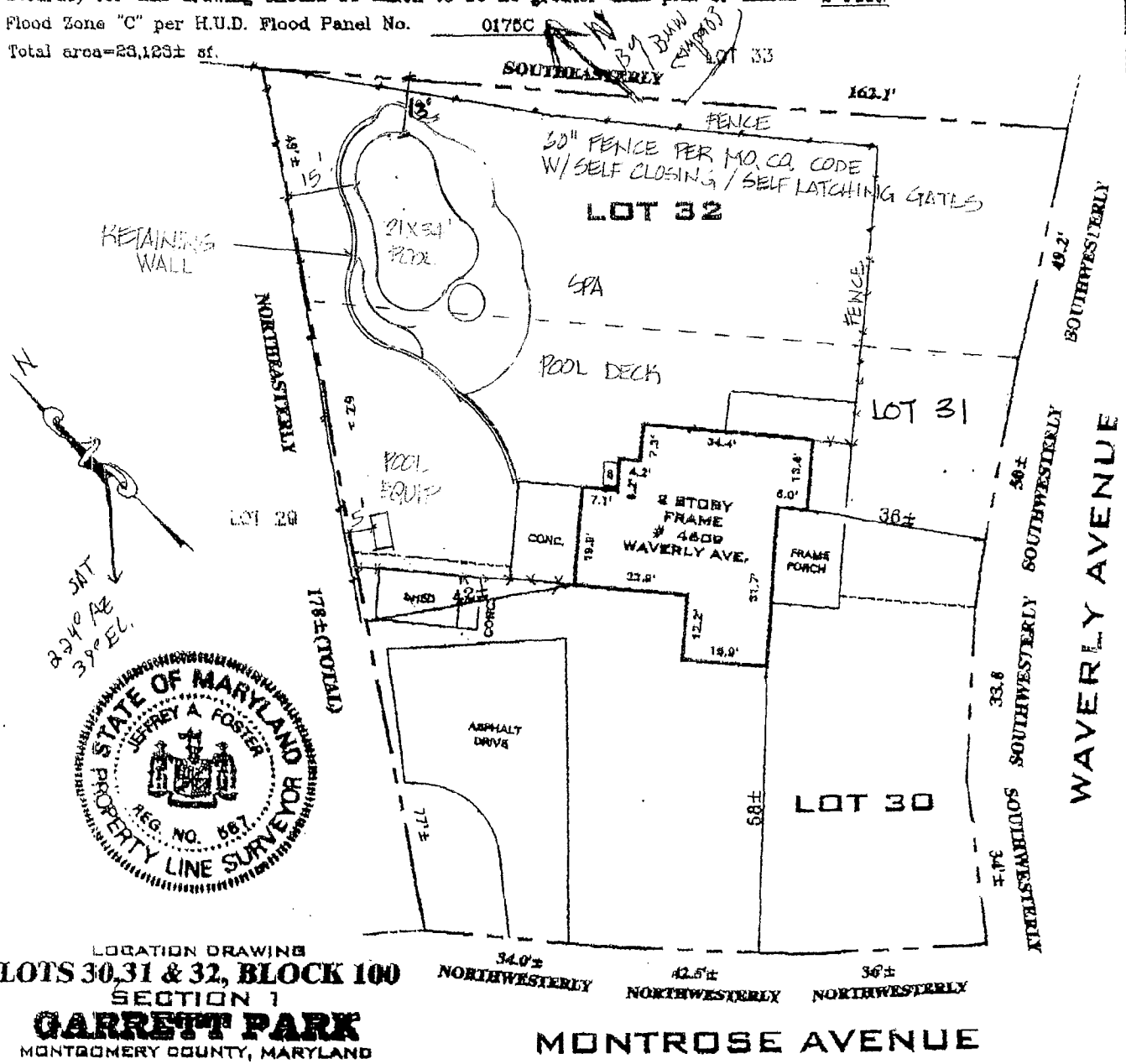
1. This plan is a benefit to a consumer insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing.
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4. Building line and/or Flood Zone information is taken from available sources and is subject to interpretation of originator.

Setback distances as shown to the principal structure from property lines are approximate. The level of accuracy for this drawing should be taken to be no greater than plus or minus 2 Feet.

Flood Zone "C" per H.U.D. Flood Panel No.

0175C

Total area=23,123± sf.

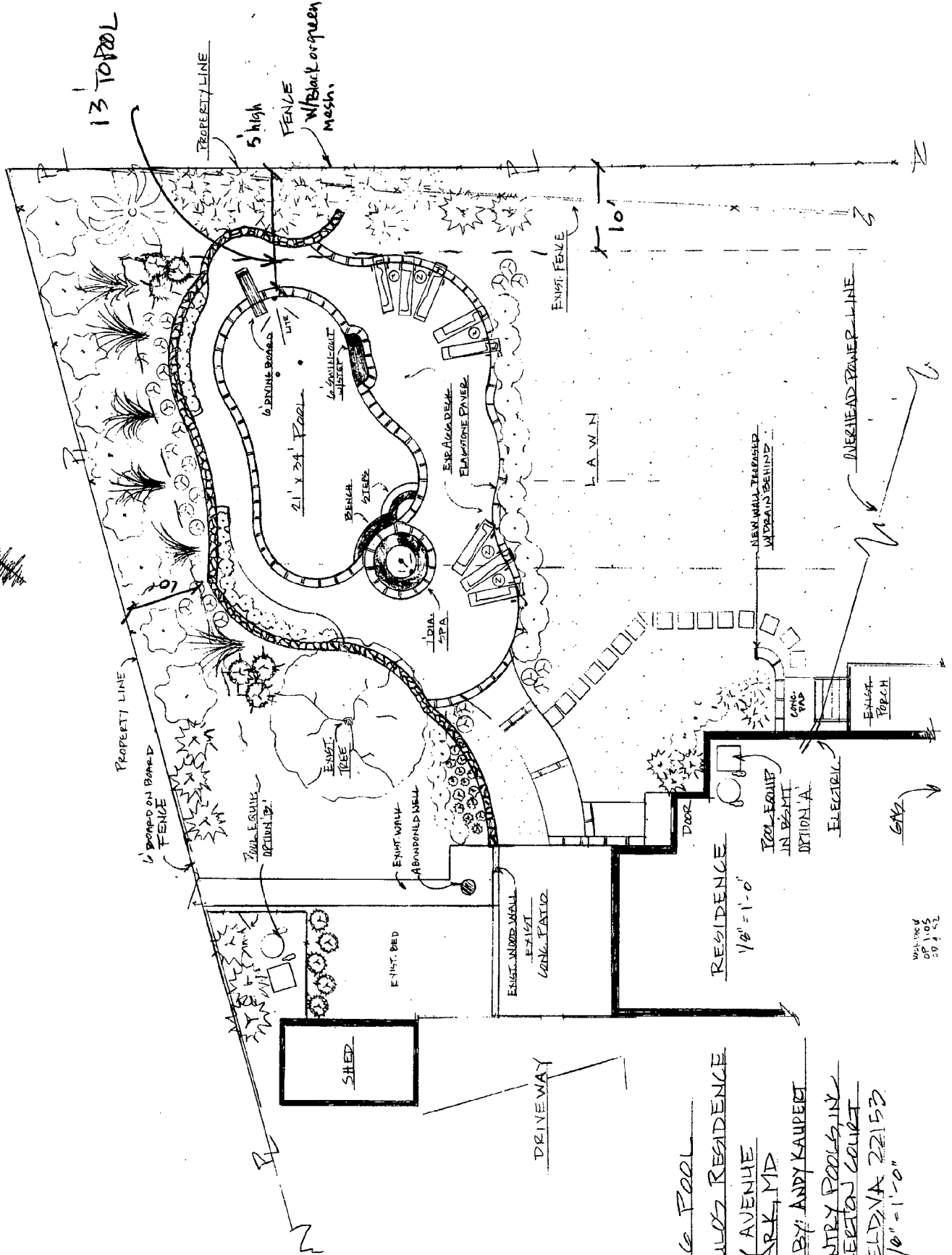
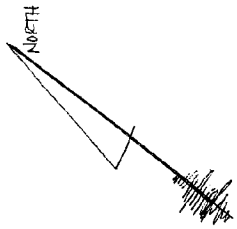


LOCATION DRAWING
LOTS 30, 31 & 32, BLOCK 100
 SECTION 1
GARRETT PARK
 MONTGOMERY COUNTY, MARYLAND

MONTROSE AVENUE

SURVEYOR'S CERTIFICATE		REFERENCES			SNIDER & ASSOCIATES SURVEYORS - ENGINEERS LAND PLANNING CONSULTANTS E Professional Drive, Suite 218 Gaithersburg, Maryland 20878 301/948-6100, Fax 301/948-1286	
THE INFORMATION SHOWN HEREON HAS BEEN BASED UPON THE RESULTS OF A FIELD INSPECTION PURSUANT TO THE DEED OR PLAT OF RECORD. EXISTING STRUCTURES SHOWN HAVE BEEN FIELD LOCATED BASED UPON MEASUREMENTS FROM PROPERTY MARKERS FOUND OR FROM EVIDENCE OF LINES OF APPARENT OCCUPATION.		FLAT BK. A FLAT NO. 26				
LIBER 15535 FOLIO 273		DATE OF LOCATIONS WALL CHECK: HSE. LOC.: 18-18-2000	SCALE: 1" = 30' DRAWN BY: F.A. JOB NO.: 2000-5434			

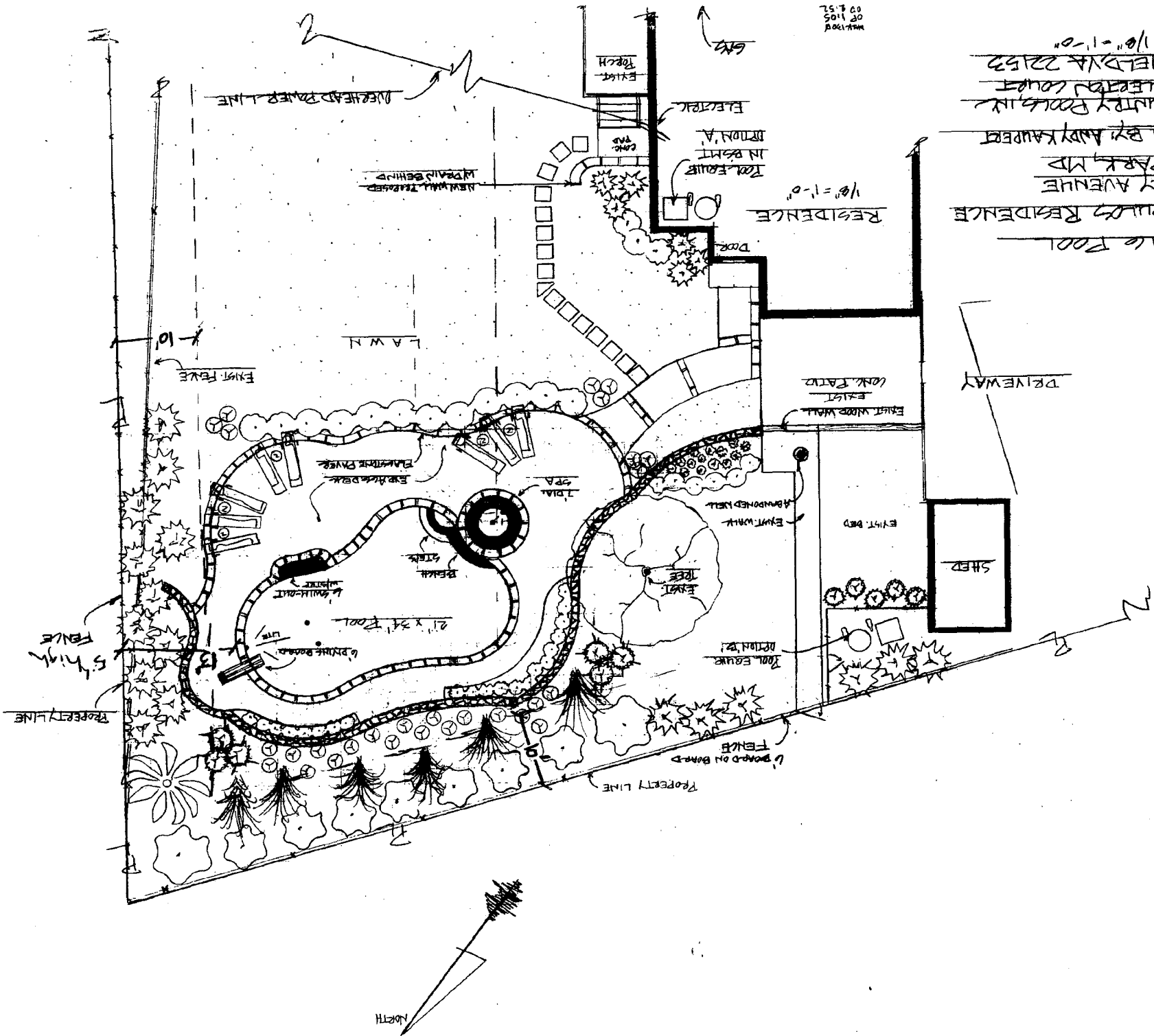
Jeffrey A. Foster
 MARYLAND PROPERTY LINE SURVEYOR REG. NO. 1667



SWIMMING POOL
 DOWDOWMORPOWLOZ RESIDENCE
 1609 WAVERLY AVENUE
 GARRETT PARK, MD

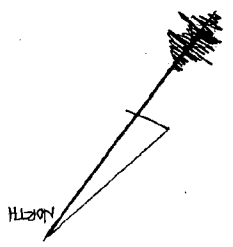
DESIGNED BY: ANDY KAUPER
 TOWN AND COUNTRY POOLS, INC.
 7540 FULLERTON COURT
 SPRINGFIELD, VA 22153
 SCALE: 1/8" = 1'-0"

MAY 1988
 OF 105
 20 1/2



SWIMMING POOL
 DOUBQUOROUS RESIDENCE
 4609 WAVERLY AVENUE
 GABRIEL PARK, MD
 DESIGN BY ANDY KAUBERT
 TOWN AND COUNTRY BOOKS INC
 7340 ELLERBY COURT
 SPRINGFIELD VA 22153
 SCALE 1/8" = 1'-0"

MAX 1000
 OF 1105
 00 4.52

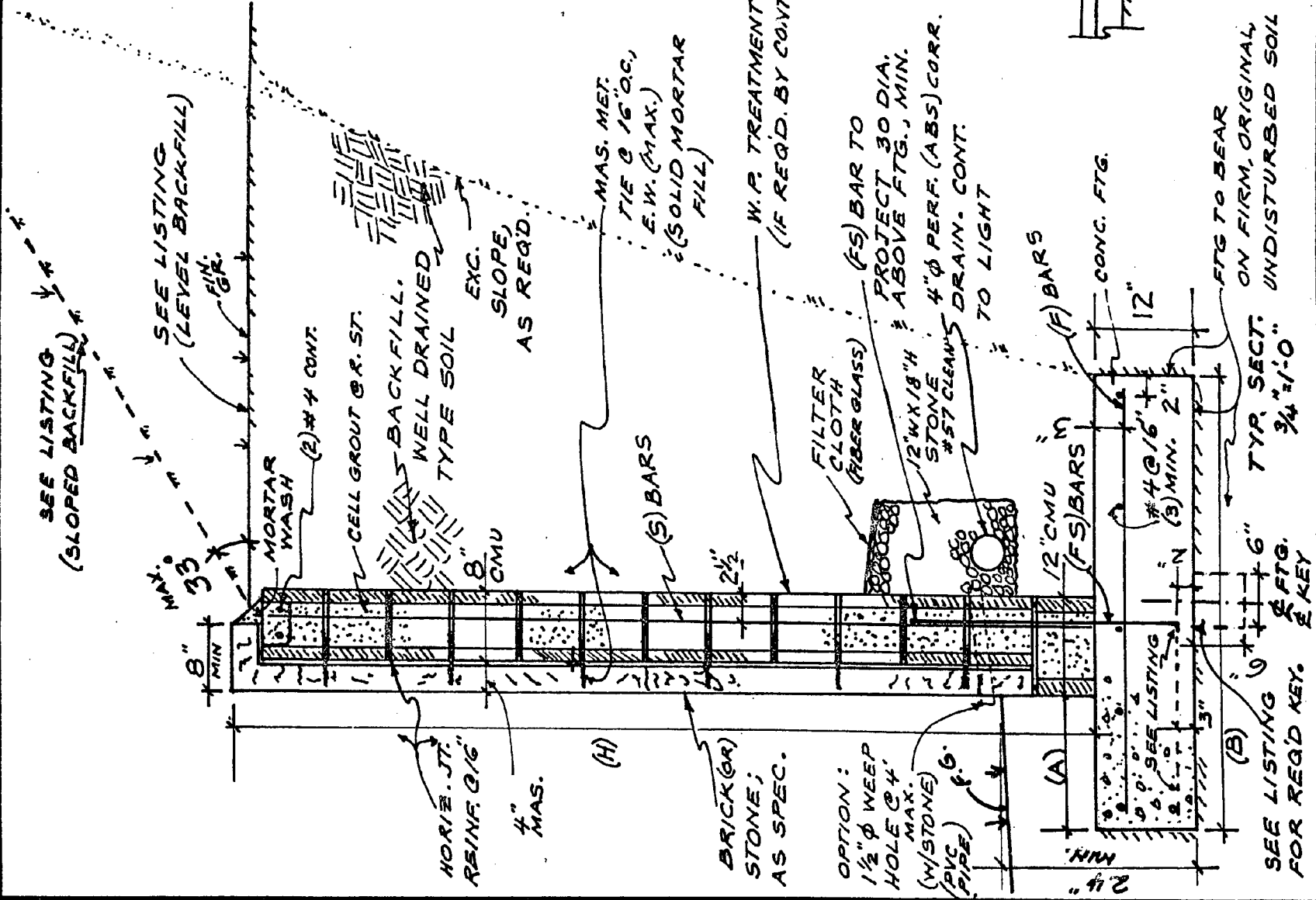


GEN. NOTES:

1. ALL WORK PER APPLICABLE STATE & LOCAL CODE.
2. THIS DESIGN NOT APPLICABLE FOR CLAY SOIL.
3. KEEP EXC. FREE OF PONDING WATER.

MATERIALS:

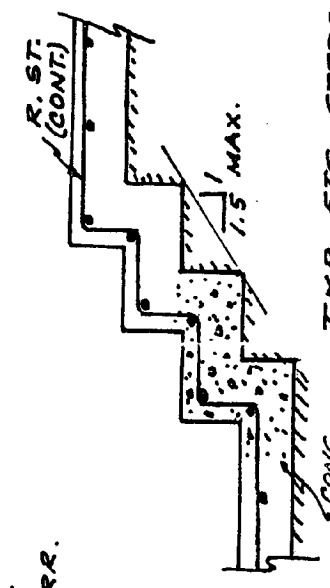
1. CONCRETE: 3000 PSI, 28 DAYS. 4" MAX. POUR SLUMP.
2. R. STEEL: ASTM-A615, GR. 40. DEFORMED.
3. CONC. MAS. UNITS: ASTM-C90, GRA (N-1) LOAD BEARING, HOLLOW.
4. ASTM, TYPE S. (MORTAR).
5. CELL FILL: 3000 PSI, 28 DAYS.
6. FACE MAS.: BRICK OR STONE AS SPEC. EXTERIOR BRICK, SOUND STONE.
7. METAL TIES: 1" W X 1/8 GA, CORR.
8. HORIZ. JT. REINF.: DUR-O-WALL, OR EQ.
9. STONE/PIPE/FILTER CLOTH/WEEPERS (SEE SECT.)



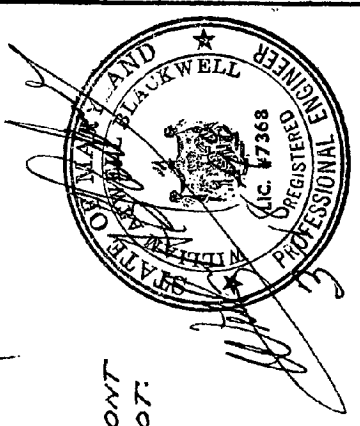
LEVEL BACKFILL (5' MAX.)				SLOPING BACKFILL (30' MAX)			
H FT-IN	A IN	B FT-IN	(F) BARS	(S) BARS	(F) BARS	(S) BARS	(S) BARS
UP TO 3'-4"	4"	2'-0"	#4@32"	#4@32"	#4@32"	#4@32"	#4@32"
4'-8"	6"	2'-8"	#4@32"	#4@32"	#4@32"	#4@32"	#4@32"
6'-0"	9"	3'-4"	#4@16"	#4@16"	#4@16"	#4@16"	#4@16"
7'-4"	13"	4'-0"	#4@16"	#4@16"	#6@24"	#6@24"	#6@24"
8'-0"	16"	4'-8"	#4@16"	#6@16"	#6@16"	#6@16"	#6@16"

NOTES:

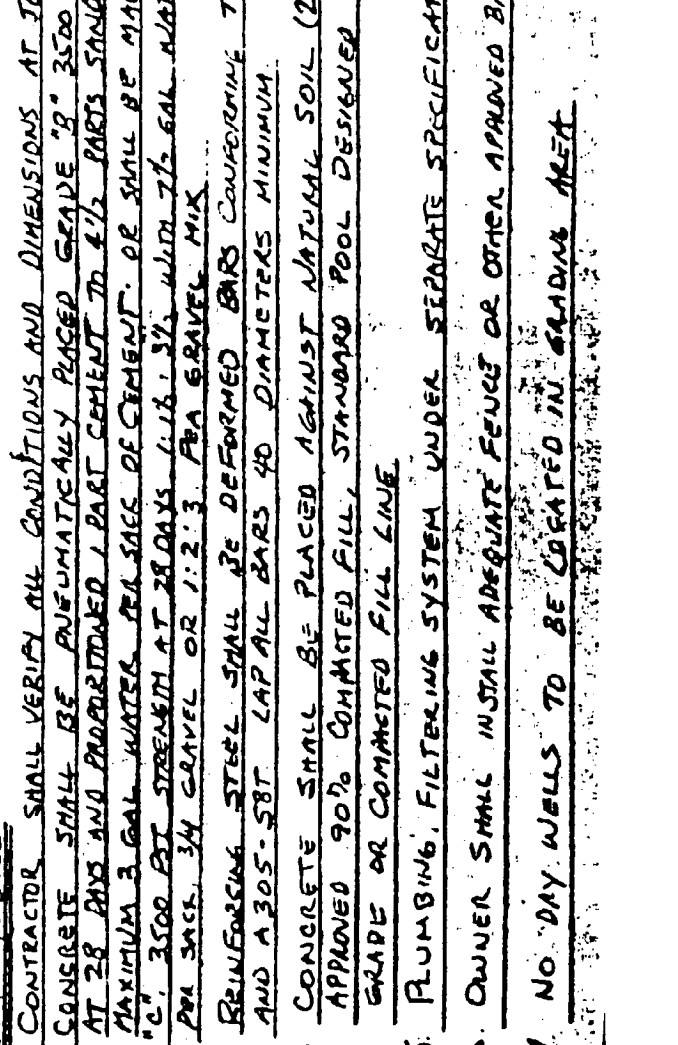
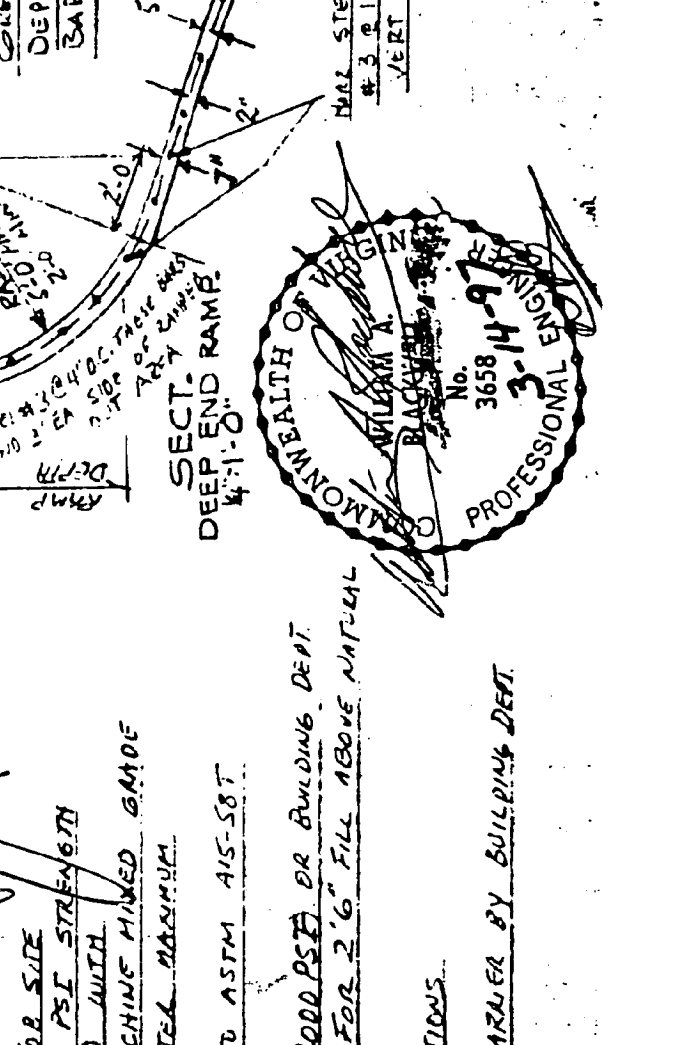
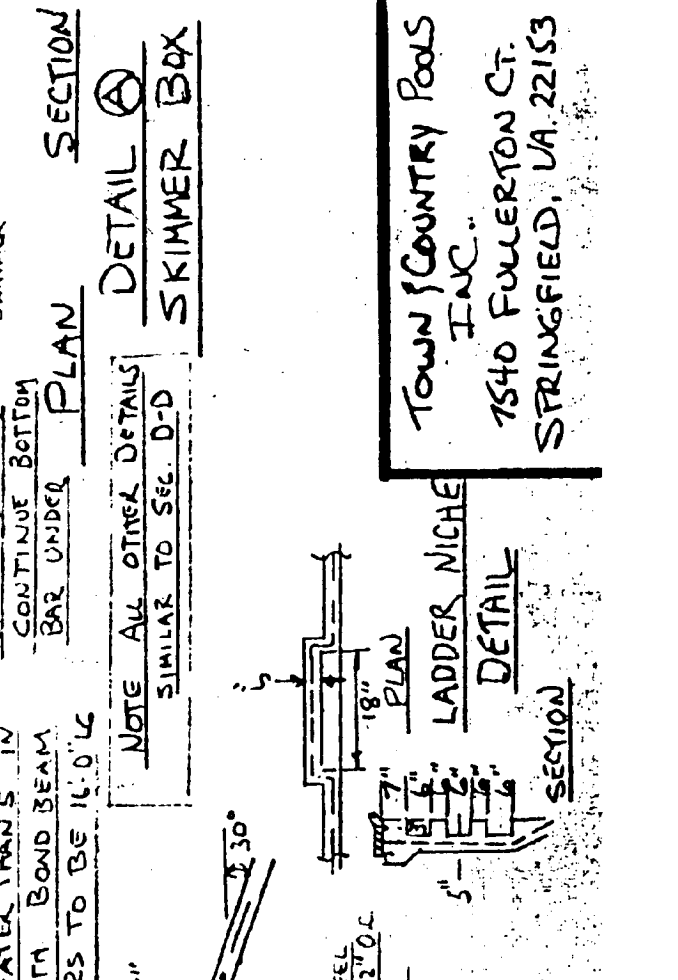
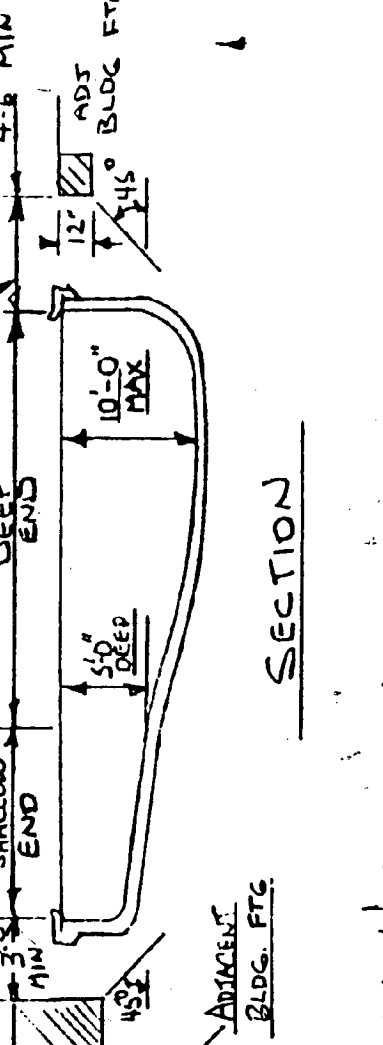
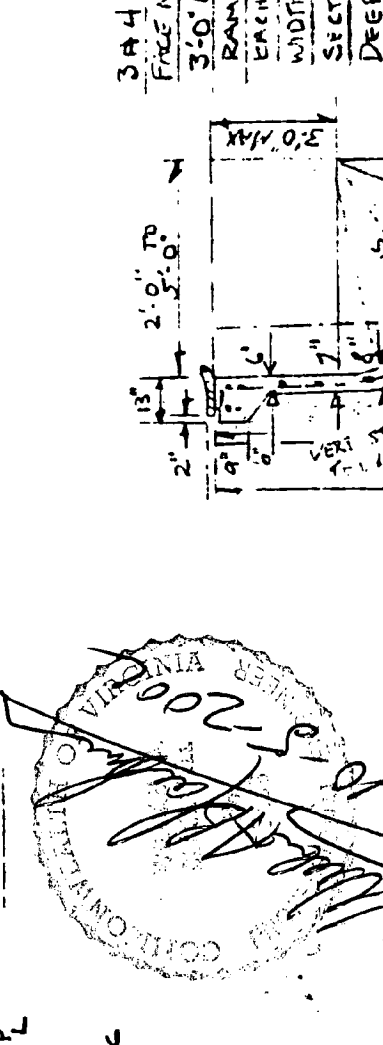
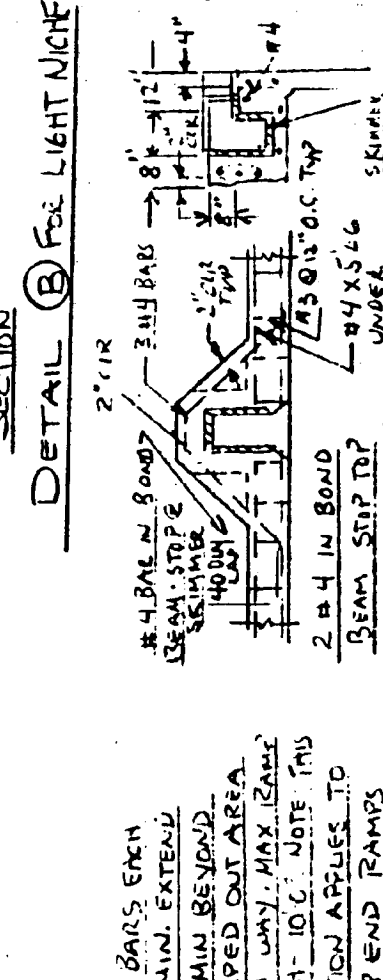
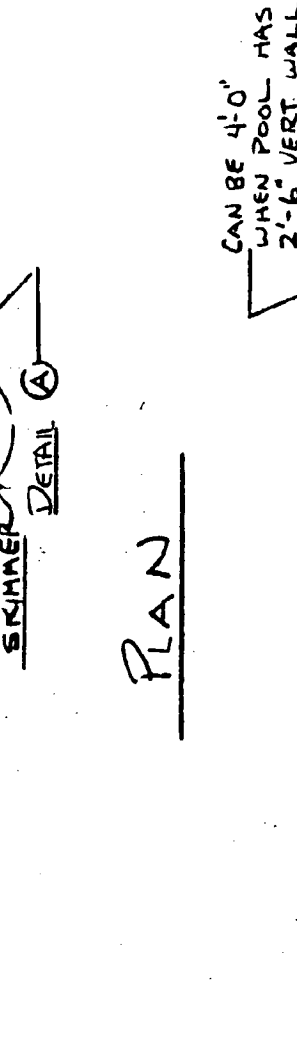
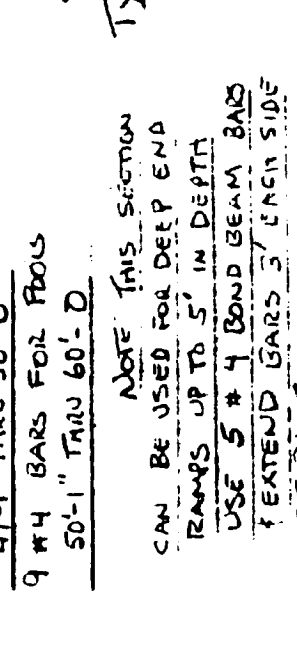
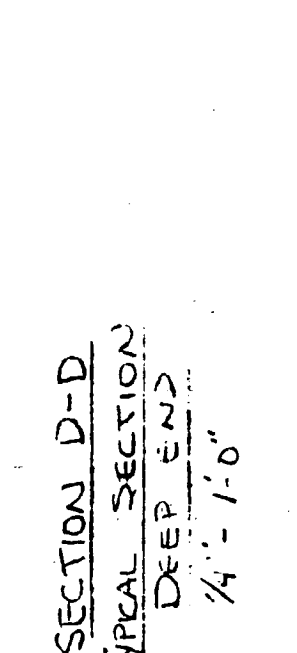
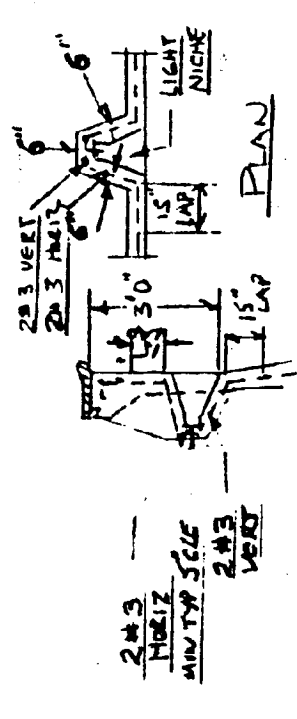
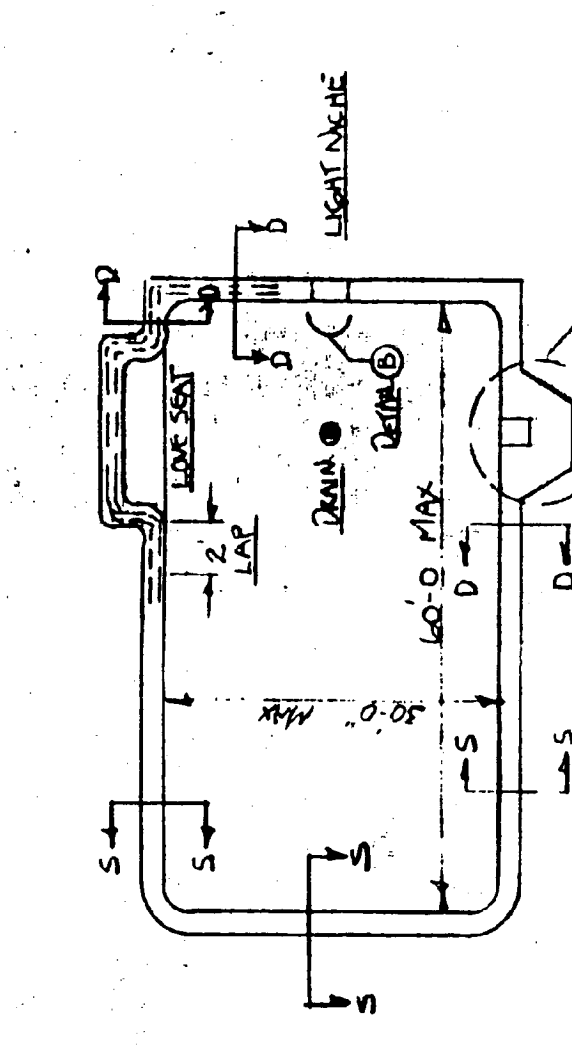
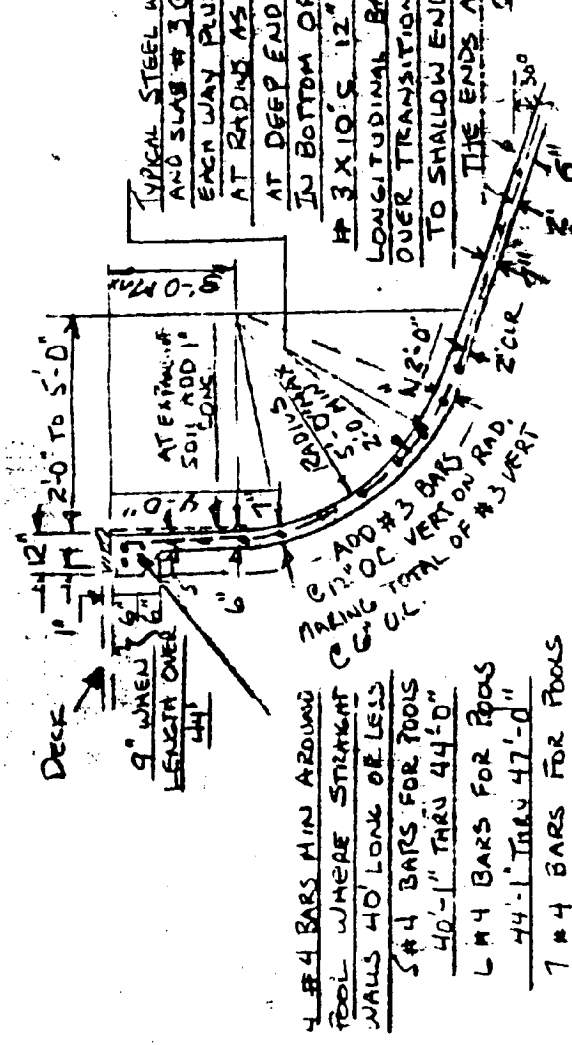
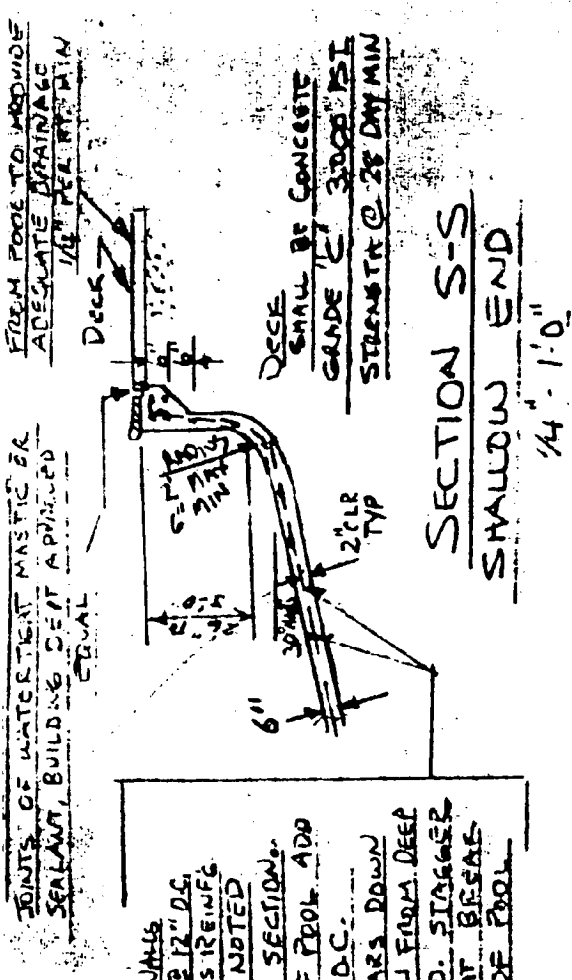
- (1) (FS) BARS MAY BE ONE PIECE, TO TOP OF WALL.
- (2) (FS) BARS TO BE BENT TOWARDS FRONT OF FTG. AS SHOWN; OR PROVIDE BOT. HORIZ. BARS, 24" LG., MIN., W/(2) #4 TEMP. STEEL.
- (3) PROVIDE FTG KEY.



NOTE: MIN. LAP R. ST. 30 DIA. (MIN) (TYP.)



NETO CONST. CO. VIENNA, VA
STRUCTURAL
MASONRY RETAINING WALL
 NAME: _____ ADDRESS: _____
 WM. A. BLACKWELL, P.E.
 GAINESVILLE, VA
 DATE: 11-21-94 DWG.: 94-124



JOINTS OF WATER-TIGHT MASTIC OR SEALANT, BUILDING DEPT APPROVED EQUAL

FROM POOL TO PROVIDE ADEQUATE DRAINAGE 1/4" DIA. TYPICAL EQUAL

TYPICAL STEEL WALLS AND SLAB # 3 @ 12" O.C. EACH WAY PLUS REINFC AT RADII AS NOTED AT DEEP END SECTION. IN BOTTOM OF POOL ADD # 3 X 10'S 12" O.C. LONGITUDINAL BARS DOWN OVER TRANSITION FROM DEEP TO SHALLOW END. STAGGER THE ENDS AT BREAK OF POOL

NOTE THIS SECTION CAN BE USED FOR DEEP END RAMPS UP TO 5' IN DEPTH USE 5 # 4 BOND BEAM BARS EXTEND BARS 3' EACH SIDE OF RAMP

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT JOB SITE CONCRETE SHALL BE AUTOMATICALLY PLACED GRADE "R" 3000 PSI STRENGTH AT 28 DAYS AND PROPORTIONED 1 PART CEMENT TO 4 1/2 PARTS SAND WITH MAXIMUM 3 GAL WATER PER BAGS OF CEMENT. OR SHALL BE MACHINE MIXED GRADE "C", 3500 PSI STRENGTH AT 28 DAYS WITH 2 1/2 WITH 7 1/2 GAL WATER MAXIMUM PER BAGS, 3/4 GRAVEL OR 1:2:3 PVA GRAVEL MIX

REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A15-S8T AND A305-S8T LAP ALL BARS 40 DIAMETERS MINIMUM

CONCRETE SHALL BE PLACED AGAINST NATURAL SOIL (2000 PSI) OR BUILDING DEPT APPROVED 90% COMPACTED FILL, STANDARD POOL DESIGNED FOR 2'-6" FILL ABOVE NATURAL GRADE OR COMPACTED FILL LINE

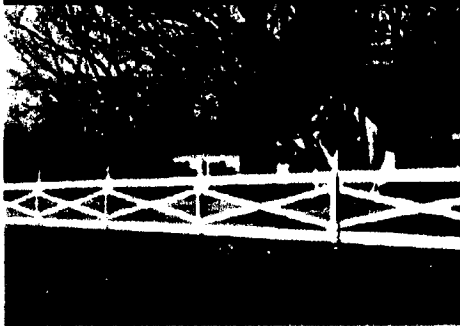
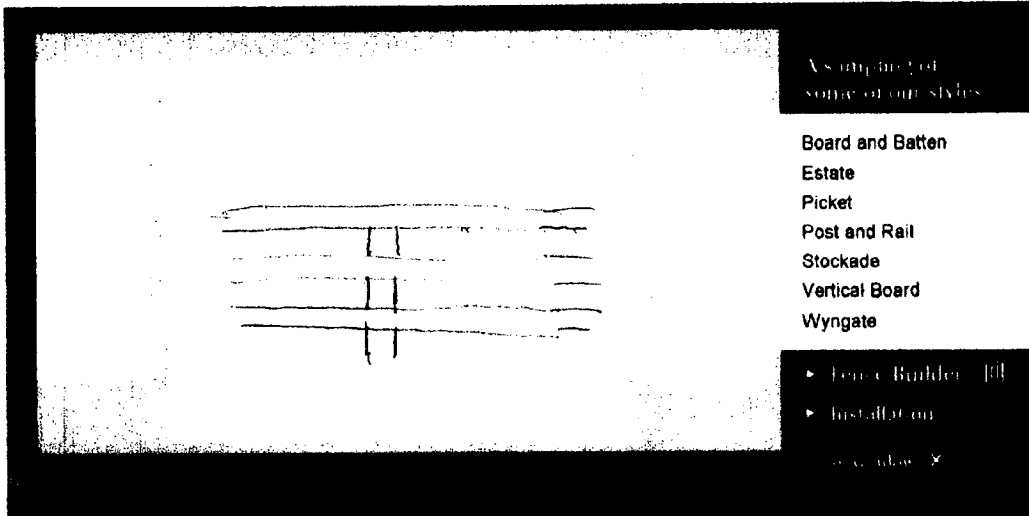
PLUMBING, FILTERING SYSTEM UNDER SEPARATE SPECIFICATIONS

OWNER SHALL INSTALL ADEQUATE FENCE OR OTHER APPROVED BARRIER BY BUILDING DEPT

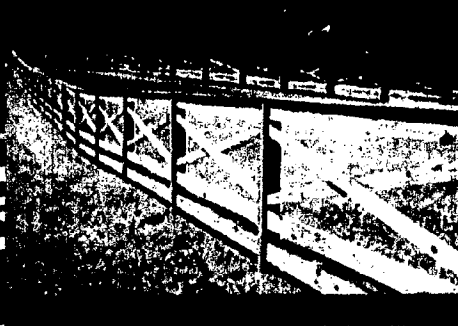
NO DAY WELLS TO BE CREATED IN GRADING AREA

COMMONWEALTH OF VIRGINIA
 WILLIAM A. GIBSON
 No. 3658
 3-14-91
 PROFESSIONAL ENGINEER

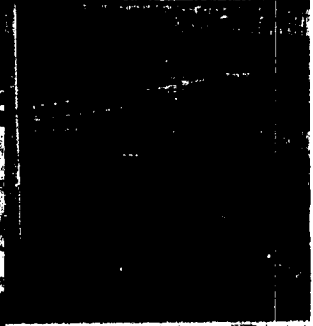
TOWN COUNTRY POOLS
 INC.
 7540 FULLERTON CT.
 SPRINGFIELD, VA 22153



Estate Fence
4 rail with Cross X



Estate Fence
5 rail with cross X & cap board



Estate Fence
6 rail with Cross X

◀ 3 of 5 ▶

HST Plan Comm

*Hearing Nov. 12
for permit*