

6/8/92
ASAT
✓ P.M.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

03-288161

INDEXED

File

6/8 P.C.O. C.B.D.

P 48207

A REPAIR

DISTRICT

DATE 6/8/92

DATE SYSTEM APPROVED 6/8/92

INSPECTOR C.B.D.

Jenkins Brothers

IS PERMITTED TO INSTALL ALTER X

ADDRESS 7670 Smiths Private Road, Sykesville, Maryland PHONE 461-9282

SUBDIVISION River Park Estate LOT 14, Sec. 2 ROAD 1005 River Road

PROPERTY OWNER Orval Jenkins For M.C. → ✓ Grid #5

ADDRESS 1005 River Road

ADDRESS Sykesville, Maryland 21784

SEPTIC TANK CAPACITY Existing GALLONS

NUMBER OF BEDROOMS 3 (Repairs plus old dry well)

125⁺ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 50⁺

REPAIR - PURPOSE - REPAIR FAILING SEPTIC SYSTEM.

Call for inspection when ground is opened so sanitarian can recommend repair. 6/08/92

at site { Install - 1 trench - (2') wide; 50'+ long; 12' deep;
C.B.D. { 8' of stones under pipes; Unlit 4'± below original grade
Locates 10'± off right property lines & run parallel to
same to back of lot and toward existing dry well.

PLANS APPROVED BY → C.W. → dry or at site C.B.D. → trench DATE 6/8/92

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

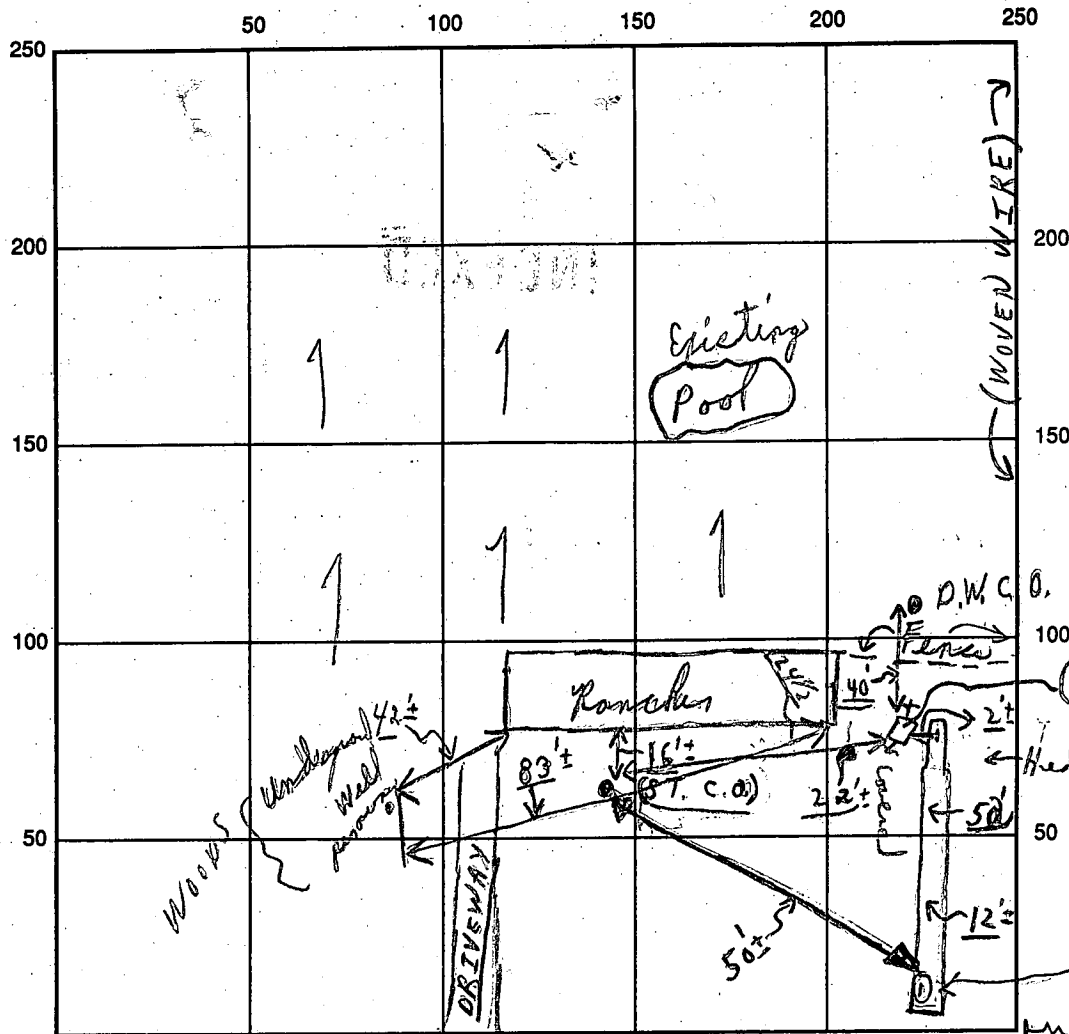
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

P 48207



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK Existing CLEANOUTS (S.T.) + (D.W.)

DISTRIBUTION BOX LEVEL OK (New - D. Box in line)

DRAIN FIELD/TITLE DEPTH 12' + average TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2' to 4' FT.

EFFECTIVE GRAVEL DEPTH 8 FT. TOTAL LENGTH 50 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 408 SQ. FT. {Plus old dry well}

DRYWALL INSIDE DIAMETER Existing FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 408 SQ. FT.

REMARKS: A.M. Partial 6/8/92 To install new Dist. Box - 5' off {D.W. Well Band and
new trench 50' with 8' of stone in area of #0 HOLE + back
to dry well area; P.M. 6/8/92 OK to cover as finish;
material on site; Final; c.Bd

DATE SYSTEM APPROVED

6 / 8 / 92

INSPECTOR

Charles Bryan, Street

9/17/66

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3

DATE 8/31/66

INDEXED

P 12143

A 09928

John E. Ruth Co. IS PERMITTED TO INSTALL X ALTER

ADDRESS 400 Overbrook Rd., Baltimore, Md. PHONE _____

A SEWAGE DISPOSAL SYSTEM LOCATED AT _____

SUBDIVISION River Park Estates ¹⁰⁰⁵ ROAD River Rd. LOT 14, Sec. 2

PROPERTY OWNER Debra Corp. Crystal L. Jenkins

ADDRESS _____

SPECIFICATIONS - 3 bedrooms

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 750 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER Dry well - Dig pit 15 ft. sq. - set block and top for 12 ft. diameter and fill in rest of pit with gravel. Depth of dry well to be 8 ft. below inlet pipe. Inlet pipe no deeper than 4 ft. below original grade. Place dry well 114 ft. from front lot line and 15 ft. from right side line as seen when facing lot from River Rd.

NO BASEMENT TOILETS.

PLANS APPROVED BY D. W. Monaghan DATE 5/10/66

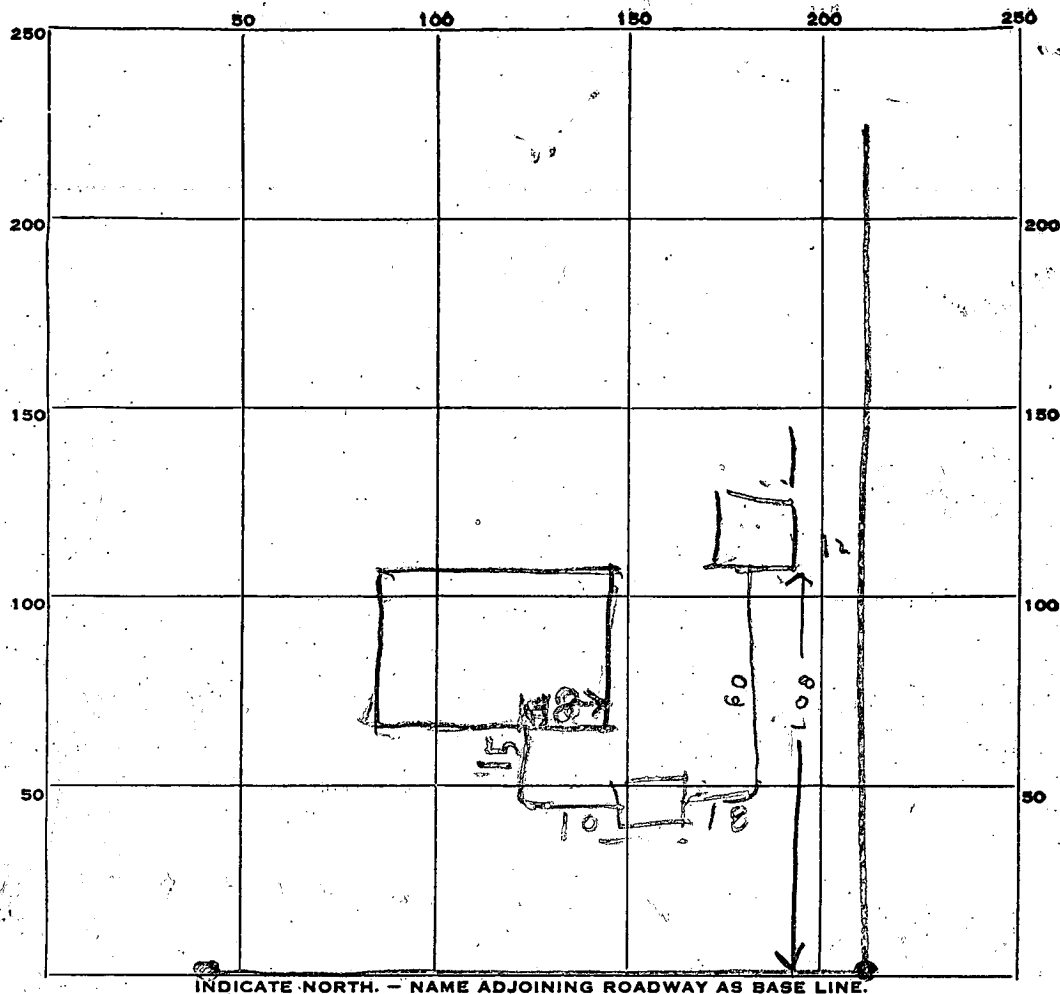
FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

BLDG. PERMIT SIGNED
AND RETURNED 8/26/66
Serial # 49601-Permit

09928

**NOTIFY THE HEALTH DEPARTMENT 48 HOURS
BEFORE EXCAVATIONS ARE TO BE BACK FILLED.**



PERMIT CARD _____

SEPTIC TANK, LEVEL OK steel 750

CLEANOUTS O/C

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 12 FT. DEPTH BELOW INLET 2 1/2 FT.

ABSORBENT AREA 324 SQ. FT. not counting stone

REMARKS 9/15/66 Drill well Inlet is 4 FT below grade
Perimeter of Drill Well is 69 8.5 x 69 = 583
8 x 4 x 15 = 480 sq ft required

DATE SYSTEM APPROVED 9/15/66

INSPECTOR R. H. Hagen

APPLICATION

A 09928

P

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3

DATE 4/1/65

5/10/66 - Septic Tank - 750 gal
dry well - dig pit 15 ft sq. Set block & top for 12 ft diameter
dry well & fill in rest of pit with gravel. Depth of dry well
to be 8 ft below inlet pipe. Inlet pipe no deeper than 4 ft
below original grade.
Place dry well 114 ft from front lot line and 15 ft from
right side line as seen when facing lot from River Rd.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER R. W. Griffith (Debra Corp.)

ADDRESS 241 Fox Hound Rd., Ellicott City, Md. PHONE 465-2224

PROPERTY LOCATION:

SUBDIVISION River Park Estates LOT NO. 14, Sec. 2

ROAD AND DESCRIPTION River Rd.

OCCUPANT PHONE

PERSON TO CONSTRUCT SYSTEM

ADDRESS PHONE

SIZE OF LOT 52,517 sq. ft. TYPE BLDG. 3 bedrooms

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE

SIGNATURE OF APPLICANT /s/ R. W. Griffith

APPROVED BY Donald W. Monaghan FOR Dry Well DATE 5-10-66

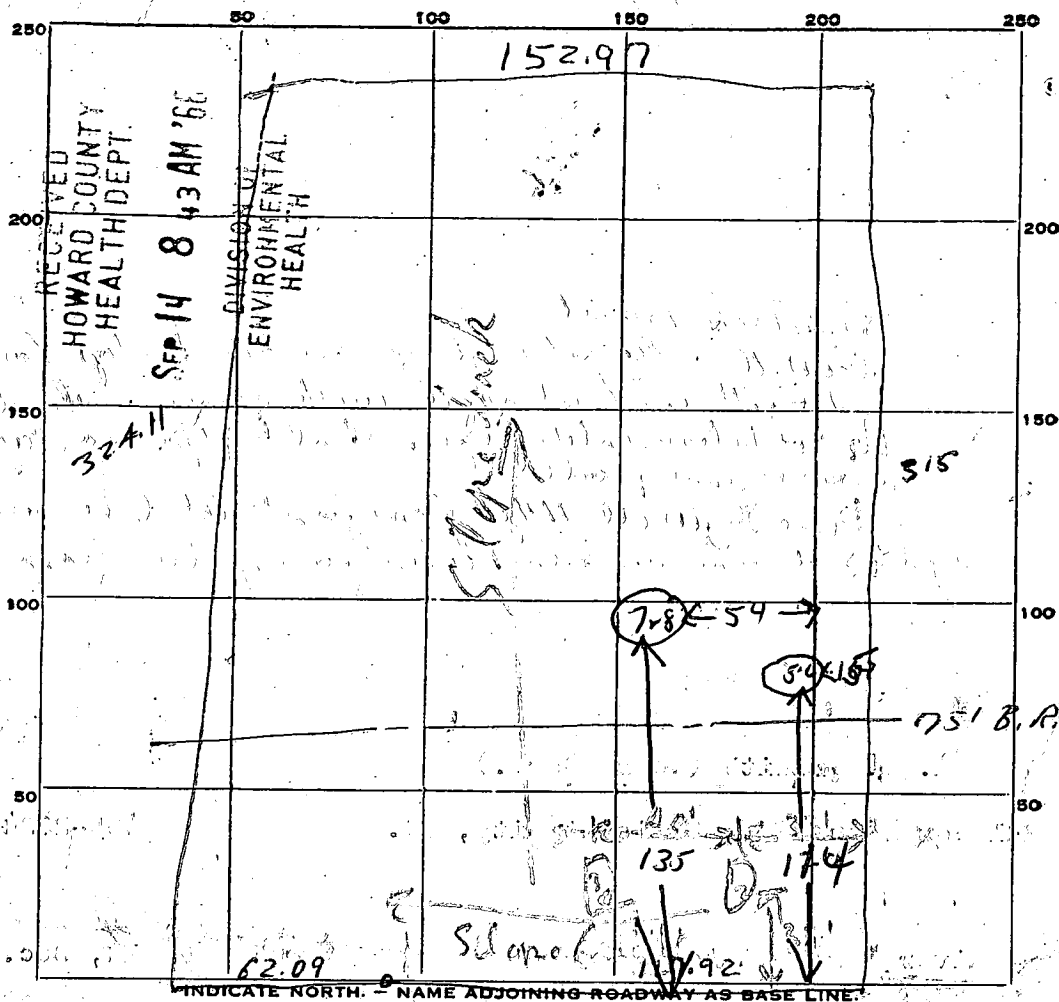
REJECTED BY FOR (KIND OF SYSTEM) DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING

THIS IS NOT A PERMIT

78
36
117



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/15/65	1	9 ft	1100	1002	1002	1012	8 min	
	2	5 ft	1101	1003	1003	1008	5 min	
	3	9 ft	1102	1107	1107	1113	6 min	
	4	5 ft	1104	1107	1107	1113	6 min	
5/10/66	5	9 ft	10 ¹¹	10 ¹⁷	10 ¹⁷	10 ³⁹	22 min	
	6	4 ft	10 ¹²	10 ¹⁶	10 ¹⁶	10 ²¹	5 min	
	7	9 ft	10 ¹⁹	10 ³⁷	10 ³⁷	11 ⁰⁰	23 min	
	8	4 ft	not tested same type soil					

SOIL AUGER FINDING

TESTED BY

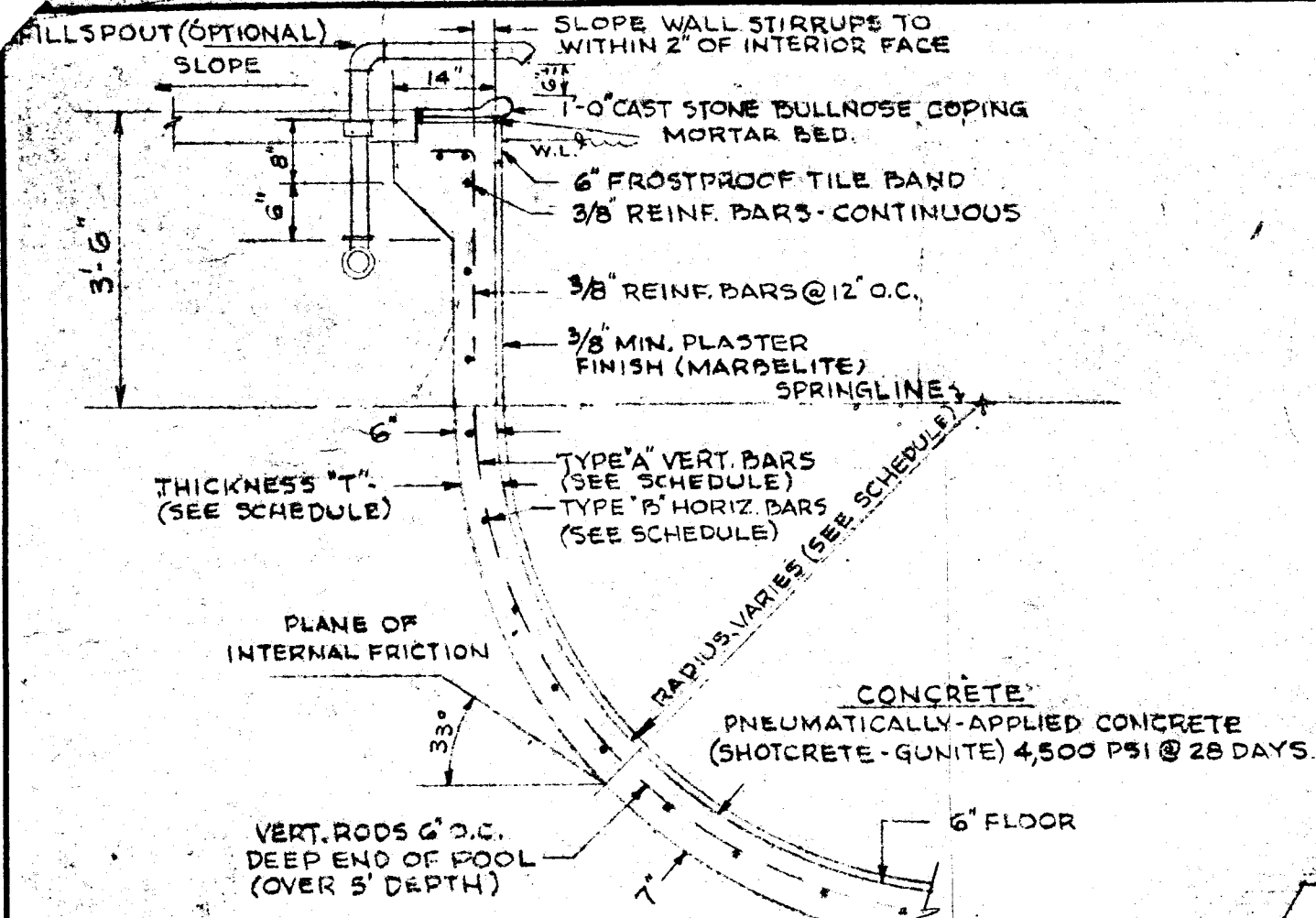
R.D.F. 4/15/65/Dum

REMARKS

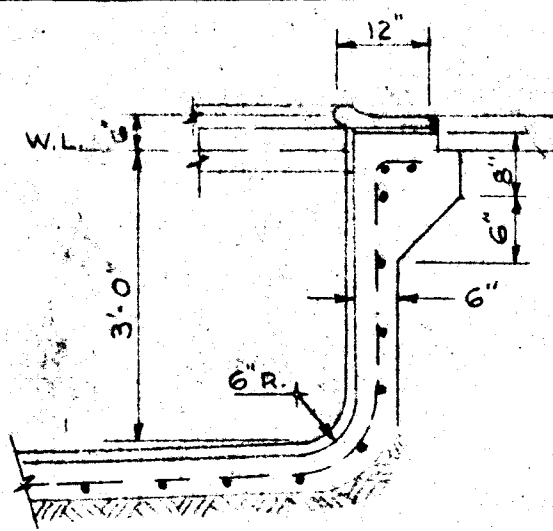
Lot 14, Sec. 2

744-5757

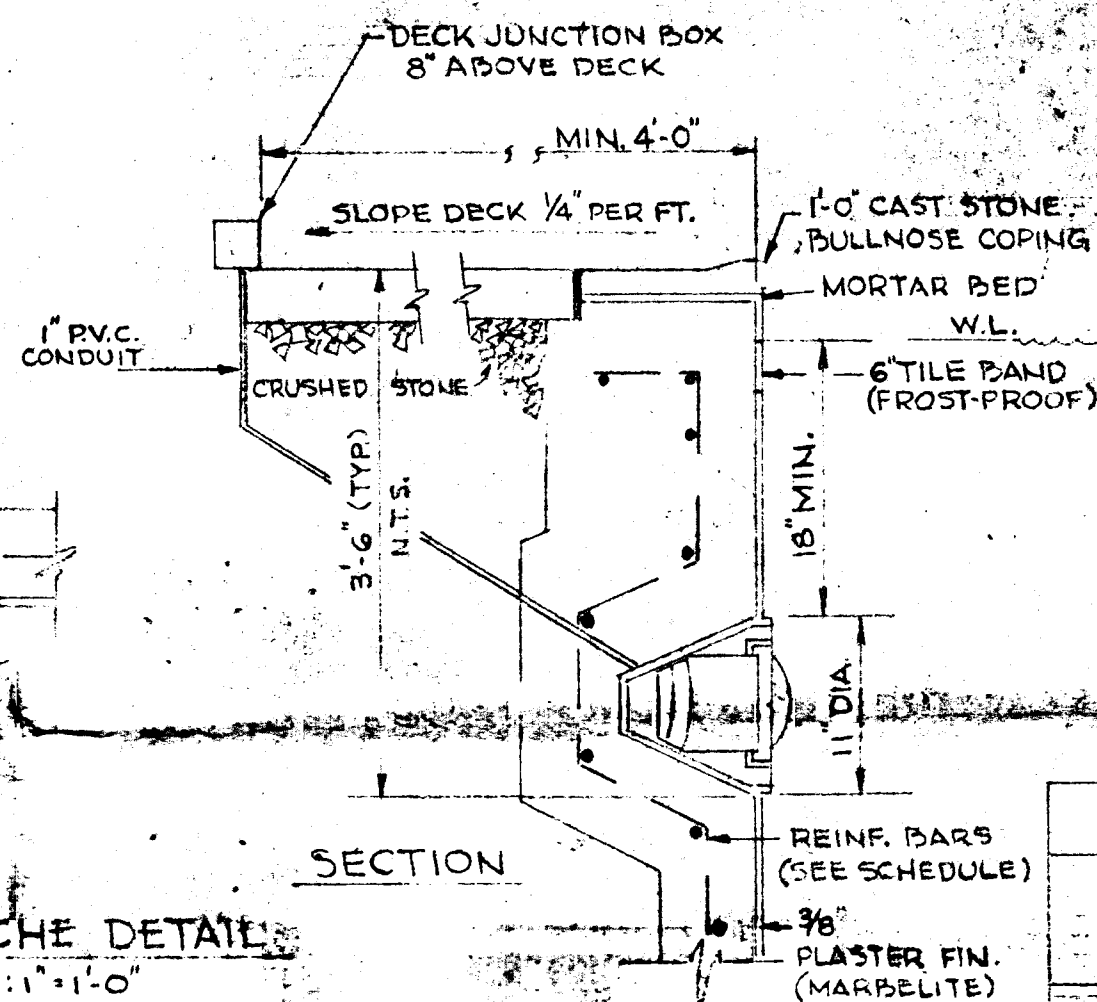
NAME: MR. ORVAL C. JENKINS
ADDRESS: 1005 RIVER ROAD
CITY: SYKESSVILLE, MO 21784
(HOWARD COUNTY)
TELEPHONE: 442-2164
SCALE: $\frac{1}{8}'' = 1' 0''$
DRAWN BY: K.
DATE: 5-13-82 JOB NO.: _____



SECTION THRU POOL WALL
SCALE: 1/2" = 1'-0"



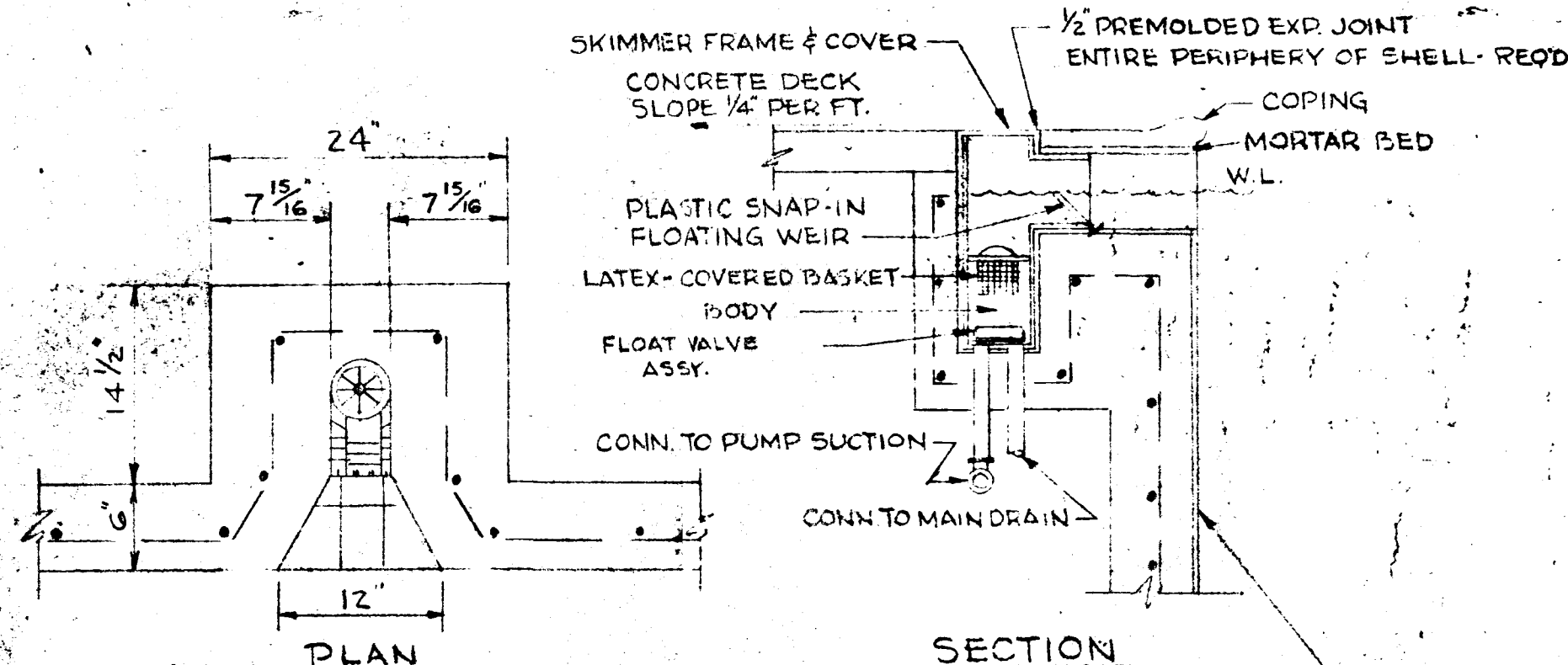
SECTION-WALL SHALLOW END
SCALE: 1/2" = 1'-0"



SECTION

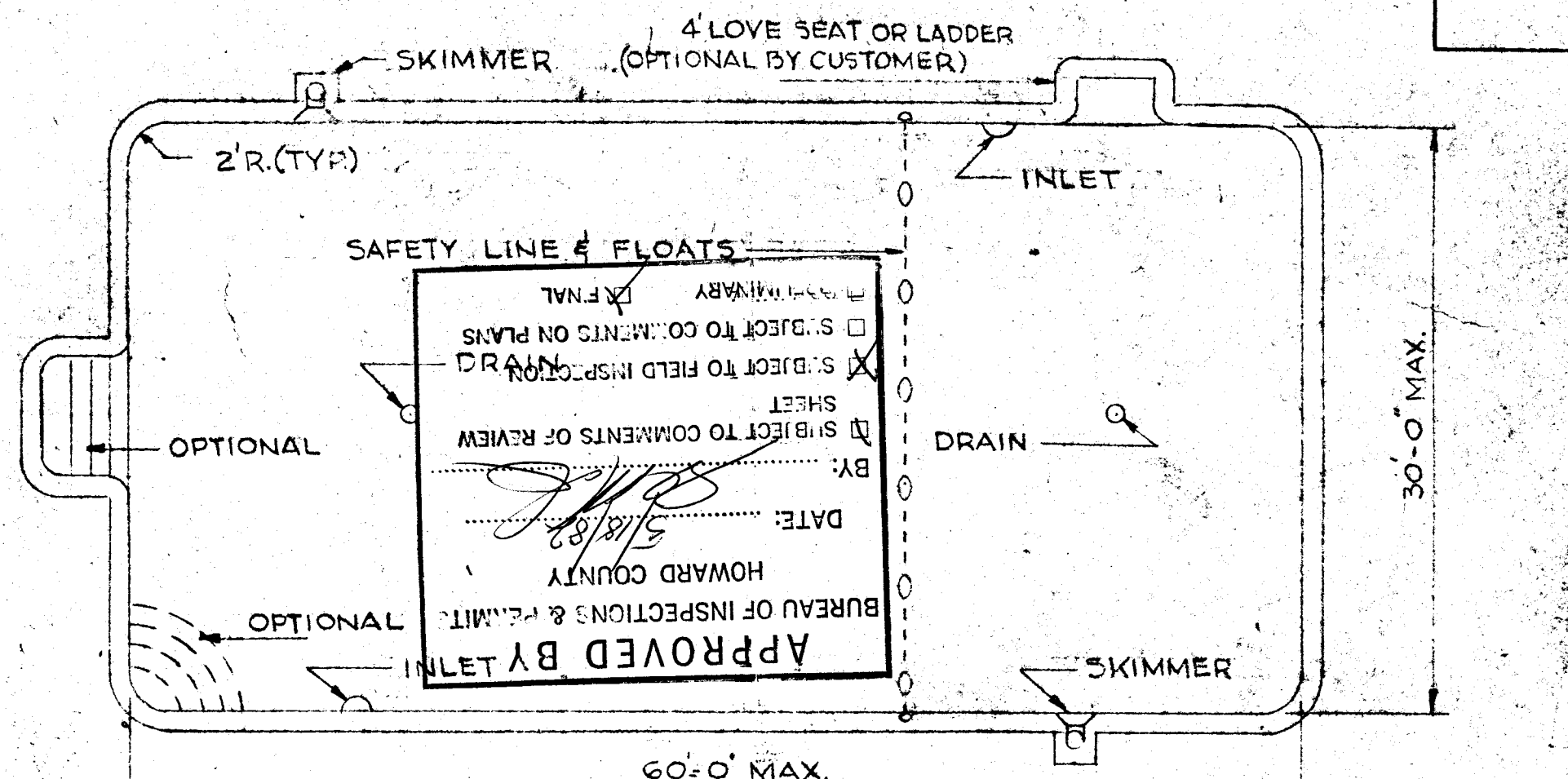
PLAN

LIGHT NICHE DETAIL
SCALE: 1" = 1'-0"

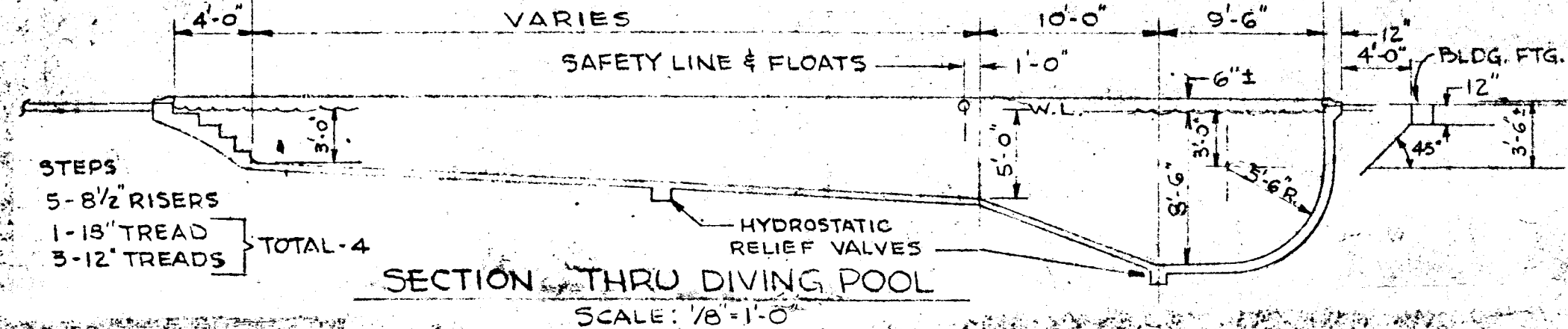


SKIMMER DETAIL
SCALE: 1" = 1'-0"

SECTION



TYPICAL POOL PLAN
SCALE: 1/8" = 1'-0"



SECTION THRU DIVING POOL
SCALE: 1/8" = 1'-0"

STEEL SCHEDULE

RADIUS "R"	THICKNESS "T"	REQ'D. AREA VERT. STEEL SQ. IN.	REQ'D. AREA HORZ. STEEL SQ. IN.	REINFORCING STEEL				FLOOR SLAB
				VERT. BARS "A" SIZE & SPACING	HORIZ. BARS "B" SIZE & SPACING	WALL	CEILING	
1'-6" TO 2'-6"	6"	.090	.090	3/8" 12"	3/8" 12"			3/8" AT 12" O.C. B.W.
2'-6" TO 4'-0"	6" TO 6 1/4"	.154	.120	3/8" 6"	3/8" 12"			3/8" AT 12" O.C. B.W.
4'-0" TO 4'-9"	6 1/4" TO 6 3/4"	.160	.132	3/8" 6"	3/8" 12"			3/8" AT 12" O.C. B.W.
4'-9" TO 5'-6"	6 3/4" TO 7"	.182	.144	3/8" 6"	3/8" 12"			3/8" AT 12" O.C. B.W.
5'-6" TO 6'-6"	7" TO 7 1/2"	.190	.156	3/8" 6"	3/8" 12"			3/8" AT 12" O.C. B.W.

NOTES

1. POOL FLOOR TO BE PLACED ON NATURAL SOIL.
2. POOL STRUCTURE DESIGNED IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE (A.C.I.) STANDARD FOR "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE - 318."
3. POOL CONCRETE TO DEVELOP A COMPRESSIVE STRENGTH OF 4,500 P.S.I. AT 28 DAYS. MIX CONSISTING OF PORTLAND CEMENT, FINE SAND AGGREGATES, COARSE CRUSHED STONE AGGREGATES & WATER. SHALL BE PROPORTIONED BY QUALITY CONTROL IN A CERTIFIED CONCRETE PLANT.
4. ALL 3/8" REINFORCING BARS SHALL BE DEFORMED BARS COMPLYING WITH AMERICAN SOCIETY FOR TESTING MATERIALS (A.S.T.M.) SPECIFICATION A-615.
5. LAP ALL BARS A MINIMUM OF 24 DIAMETERS (SEE SCHEDULE).
6. DECK SHALL BE OPTIONAL AND BY DECK CONTRACTOR.
7. OWNER SHALL INSTALL ADEQUATE FENCE, APPROVED BY LOCAL BUILDING DEPARTMENT.



CHECKED FOR STRUCTURAL DESIGN ONLY
BY D. HYMAN, P.E. THESE DRAWINGS
WERE NOT MADE BY THIS OFFICE
David S. Hyman

MARYLAND POOLS INC.

5617 BALTO. NATIONAL PIKE
BALTIMORE, MD. 21228
744-5757

MARYLAND POOLS, INC.

SCALE: NOTED	APPROVED BY	DRAWN BY
DATE: 3/3/79		W.P.M.
STRUCTURAL DETAILS FOR RESIDENTIAL POOLS		
REVISED 2.01	H&M 817	DRAWING NUMBER