

12/15 ① P.C.O. - A.M.
C.B.V.

File

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 43589

A REPAIR

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

05-380138

INDEXED

DATE 2/6/89

DATE SYSTEM APPROVED 12/15/88

INSPECTOR C.B.V.

Jack Fyock

IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Simpson Woods ROAD 11902 Simpson Road LOT 2, Section 1

PROPERTY OWNER Charles H. Kyper

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO _____

SEPTIC TANK CAPACITY _____ GALLONS NUMBER OF BEDROOMS _____

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN CAN RECOMMEND REPAIR.

{ Trenches 2' wide; 75'± long; at rear of dry well }
{ 2' of stone between }
{ 4'± to 11'± [Paved - P.M.] }
C.B.V.

PLANS APPROVED BY C. Williams DATE 12/15/88

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

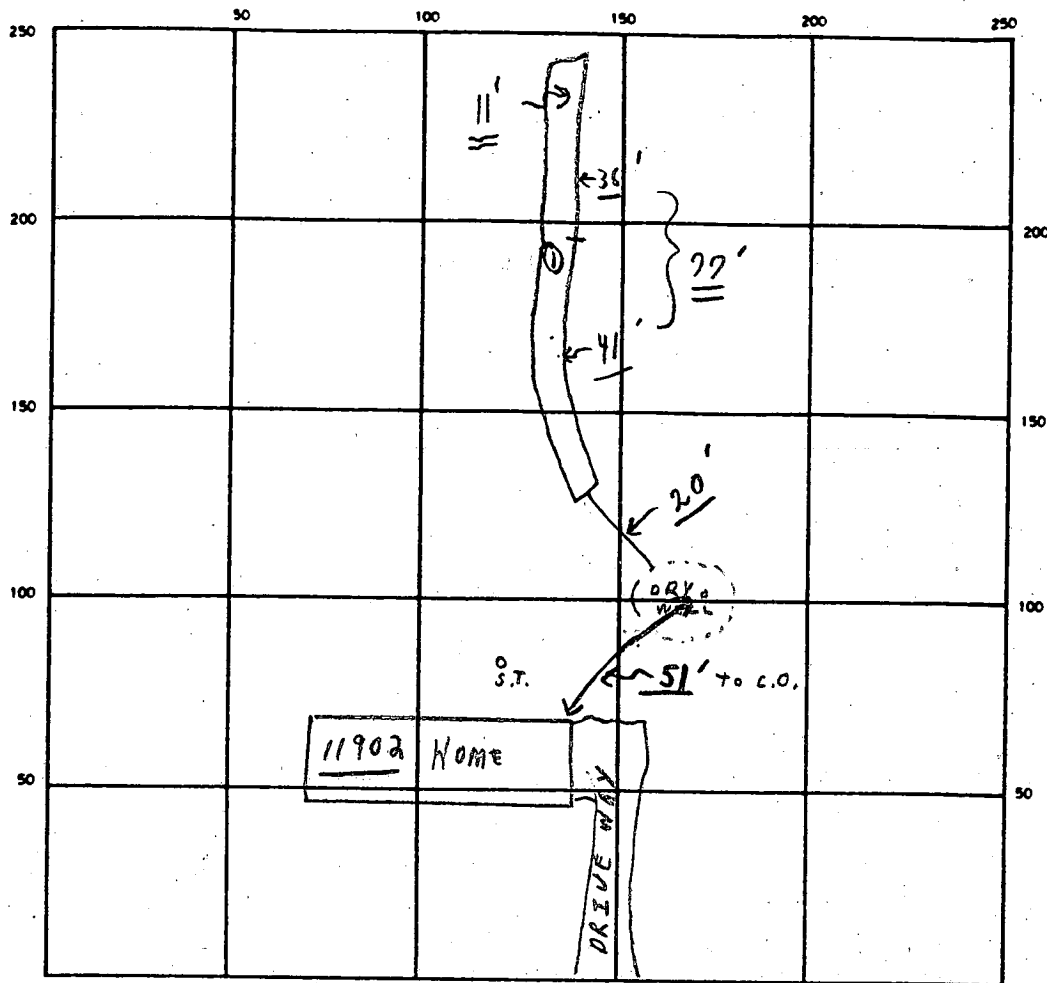
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

P 43589



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

← SIMPSON ROAD. →

SEPTIC TANK. LEVEL N/A ^{covered} Existing CLEANOUTS N/A Existing - ok

DISTRIBUTION BOX. LEVEL N/A

DRAIN FIELD/TILE FIELD. DEPTH 11' ± avg FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2' ± FT. TOTAL LENGTH 77' FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 539 SQ. FT.

DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 539 SQ. FT.

REMARKS A.M. 12/15/88 ① Partial - trench partially dug at rear of property. all water wells 100' from repair.
P.M. ② Trench repair complete. OK TO COVER ALL WORK - FINAL. C.B.D.

DATE SYSTEM APPROVED 12/15/88 INSPECTOR Charles Bryan, Speaker

~~6/23/78~~
~~before lunch~~
6/23/78
a.m. phase

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

Approved
6/23/78
T.S.O.

P 28021

A 25299

ELLICOTT CITY

DISTRICT 5th

DATE 5/8/78

INDEXED

R. L. Orndorff IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 725-4969

SUBDIVISION Simpson Woods ROAD 11902 Simpson Road LOT 2, Sec. 1

PROPERTY OWNER Nu-Homes, Inc.

ADDRESS 6655H Dobbin Road, Columbia, Md. 21044

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

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

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 135 SQ. FT. sidewall area per bedroom below inlet.

INLET PIPE 4 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 150 FT. FROM front LOT LINE AND 65 FT. FROM right LOT LINE AS SEEN WHEN
FACING LOT FROM Simpson Road (perc hole 1 & 2).

PLANS APPROVED BY Charles B. Streaker DATE 8/12/77

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE 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 ACCEPTED.

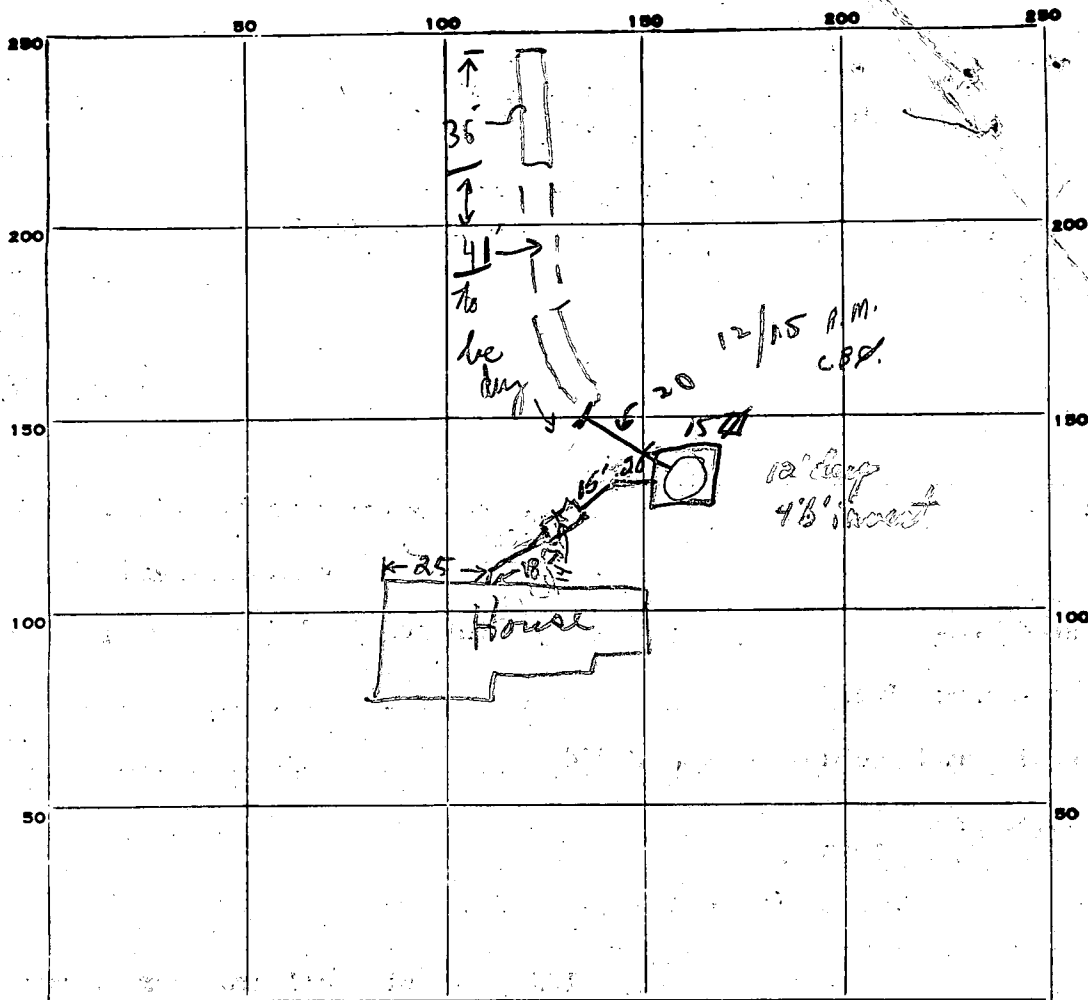
BLDG. PERMIT SIGNED
AND RETURNED 10/29/78

Serial # 8463
addition Sunroom

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

A 25299

405



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Simpson Rd.

PERMIT CARD ☒

SEPTIC TANK, LEVEL

CLEANOUTS

ST DW
✓/✓

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 60 FT. DEPTH BELOW INLET 7 1/2 FT.ABSORBENT AREA 450ft² SQ. FT.

REMARKS

6/13/78 TSO: Add stone to DW. Call For final.
 OK to cover system up to DW.

7.5
 60
 450.0

DATE SYSTEM APPROVED

6/23/78

INSPECTOR

T. S. Ogle

APPLICATION

25299

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE
HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 445-5000, EXT. 356

Septic Tank { 1-3 Bedrooms
4 Bedrooms } 1000 gallons
DISTRICT 5
DATE 3/11/78 1250 311 gallons
Dry well to have 135 yd effective
absorbent sidewalk per bedroom below listed.
Inlet to be 4 1/2' below original grade + maximum
depth 12'. Location per plat 150' from front
property line and 65' from left property line when
facing lot from Simpson Road (Perk hole 1+2)

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE
DISPOSAL SYSTEM. **PHASE II, LTD.**

PROPERTY OWNER **70 LANDBORG, INC.**

SUITE 128

ADDRESS **1000 CENTURY PLAZA COL. MD. 21044**

PHONE **730-0500** + dry well

PROPERTY LOCATION:

SUBDIVISION **SIMPSON WOODS SECTION ONE**

LOT NO.

ROAD AND DESCRIPTION **SIMPSON ROAD**

BLOCK A

SIZE OF LOT **44,800 ±**

BLDG. PERMIT SIGNED
AND RETURNED **1/6/78**

TYPE BLDG.

(3) OR 4

NUMBER OF BEDROOMS

NOT SINGLE RESIDENCE DESCRIBE

Serial No. **34126**

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC
FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT **Clarence Borg, Pres. Phase II, Ltd.**

APPROVED BY **C. B. Strecker**

FOR **Dry well or
Dry well + trench** DATE **8/12/77**
(KIND OF SYSTEM)

REJECTED BY

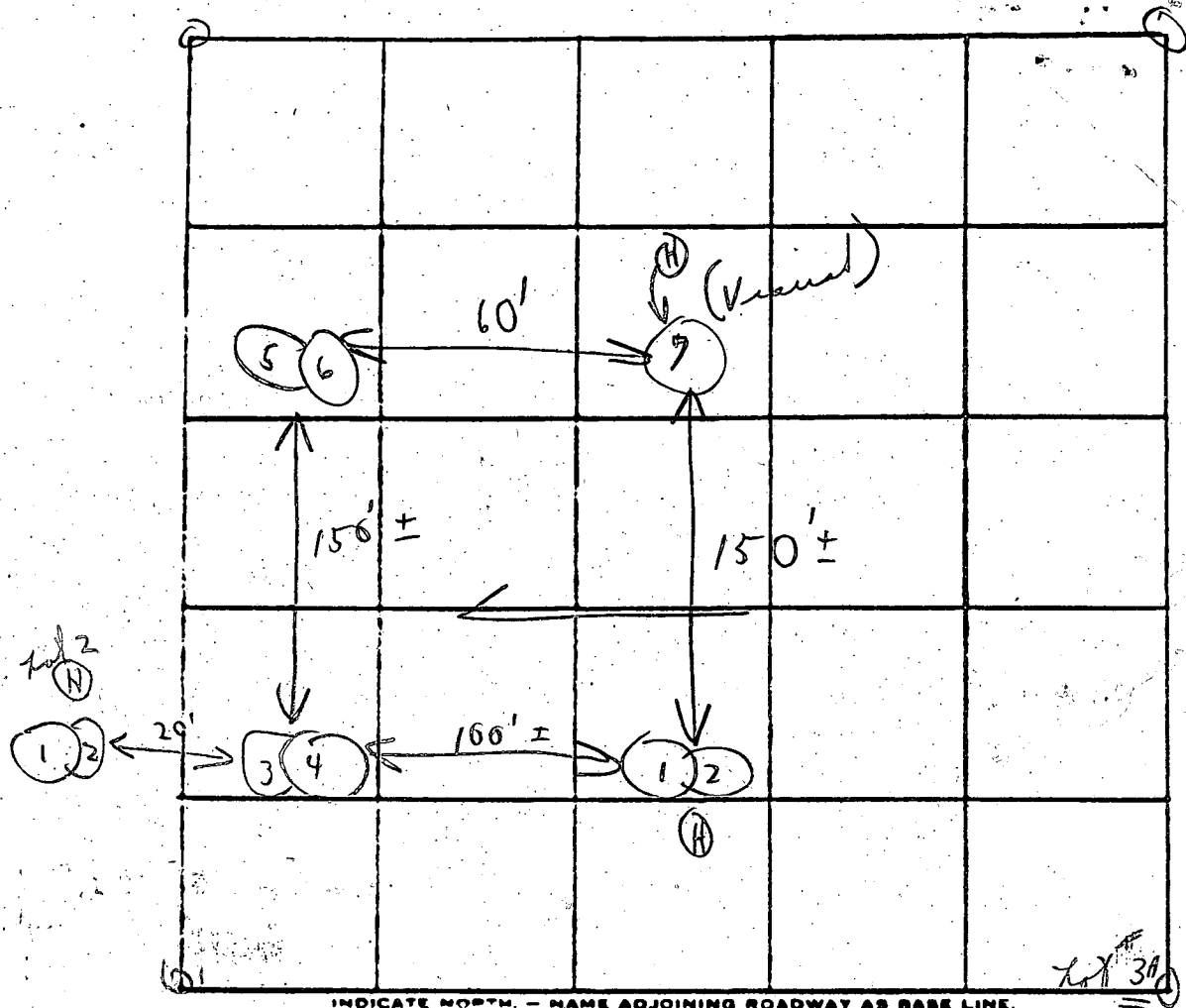
FOR (KIND OF SYSTEM) DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/9/77	1	4 1/2'	12:37	12:41	12:41	12:52	11m
	2	13'	12:38	12:40	12:40	12:45	5m
	3 A	X 4 1/2'	12:35	{ lower shelf }			
	4	13'	12:34	12:39	12:39	12:47	8m
	5	4 1/2'	12:55	1:10	1:10	1:30	20m
	6	12 1/2'	12:55	12:59	12:59	1:08	9m
	7	13'	Visual		similar to 6		
	1/6' good soil starts 3 B	6 1/2-7'	2:05	2:07	2:07	2:10	3m
						6	56

REMARKS

Wooded lot

TYPE OF SOIL

TESTED BY

C. B. A.

ALSO PRESENT:

Ketterman

135' 7/8

10 min

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL		WRA PERMIT NUMBER HO-73 32362 FILL IN THIS FORM COMPLETELY	
1 6451 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		SEQUENCE NO. (WRA USE ONLY)	
DATE RECEIVED (WRA USE ONLY) 11-1-77 930		OWNER Nu Homes, Inc. COL 15 - LAST NAME FIRST NAME COL. 34 STREET OR RFD 6655 H. Dobbin Road COL 36 COL. 55 POST OFFICE Columbia, Maryland 21044 COL 57 COL. 76	
B 1 CONTINUED 1 2 3 (SEQ. NO.) 6 DATE October 3, 1977 LICENSE NUMBER 30 FIRST NAME Dana DRILLER LAST NAME Kyker SIGNATURE <i>Dana Kyker</i>		B 3 LOCATION OF WELL 1 2 3 (SEQ. NO.) 6 COUNTY Howard (DO NOT ABBREVIATE COUNTY NAME) SUBDIVISION "Simpson Woods" SECTION 2 LOT 2 NEAREST TOWN Clarksville MILES FROM TOWN (ENTER 0 IF IN TOWN) 3 M I	
B 2 WELL INFORMATION 1 2 3 (SEQ. NO.) 6 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 600 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 14 USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ F FARMING, AGRICULTURE, IRRIGATION ☐ I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT. ☐ M MUNICIPAL WATER SUPPLY ☐ P PRIVATE WATER COMPANY } MUST HAVE STATE HEALTH DEPT. APPROVAL ☐ T TEST		B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX) 1 2 3 (SEQ. NO.) 6 N NORTH E EAST NE NORTHEAST SE SOUTHEAST S SOUTH W WEST NW NORTHWEST SW SOUTHWEST NEAR WHAT ROAD Simpson Road ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N 32 S 32 E 32 W 32 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 30 37 38 39	
APPROXIMATE DEPTH OF WELL 180' APPROXIMATE DIAMETER OF WELL 6" (NEAREST INCH) METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD) ☒ BORED (OR AUGERED) ☐ JETTED ☐ DRIVEN ☒ AIR-ROTARY ☐ AIR-PERCUSSION ☐ ROTARY (HYDRAULIC ROTARY) ☐ CABLE ☐ REVERSE-ROTARY ☐ DRIVE-POINT OTHER (DESCRIBE)		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWN, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP. N ↑ 62' casing 59' openhole 21 bag cement 11/1/77 TSD. Simpson Rd 1' above ground Rundell School Summer Rd Rt 32	
REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX) ☒ N THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED ☐ S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ D THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEANED (IF AVAILABLE)		NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY) APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 63 FORCE 67 WRITE INITIALS IN BOX 68 CONDITIONS 70 71 72 73 74 75 76 77 78 79	
B 4 CONTINUED 1 2 3 (SEQ. NO.) 6 STATE HEALTH (CIRCLE BOX) S COUNTY NAME Howard COUNTY NO. W26997 DATE 100477 APPROVED BY Fred Frommelt Sanitarian		BOX NUMBER E 810 N 480 NORTH COORDINATE 50 51 52 53 54 55 EAST COORDINATE 57 58 59 60 61 62 63 ELEVATION AT WELL HEAD (FEET) 65 66 67 68	
B 5 SPECIAL CONDITIONS 8-83 (WRA USE ONLY) 1 2 3 (SEQ. NO.) 6		HEALTH	

G 101 5947 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (WRA USE ONLY) 2. 3 (SEQ. NO.) 6	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401 WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETE FILL IN THIS FORM COMPLETELY COUNTY NUMBER <u>W26997</u> PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>40-15-2402</u> 28 29 30 31 32 33 34 35 36 37 DRILLERS IDENTIFICATION NO. <u>296</u>
DATE RECEIVED (WRA USE ONLY) November 1, 1977 DATE WELL COMPLETED <u>110177</u>	DEPTH OF WELL <u>177</u> 22 (TO NEAREST FOOT) 26		

OWNER <u>M. E. Bates, Inc.</u> LAST NAME STREET OR RFD <u>6655 N. Dobbin Road</u>	FIRST NAME POST OFFICE <u>Columbia, Maryland 21044</u>
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WELL LOG			WELL DESCRIPTION	
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING			GROUTING RECORD	
DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET	CHECK IF WATER BEARING	WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)	
	FROM	TO	YES ☒ Y NO ☐ N	
			TYPE OF GROUTING MATERIAL (CIRCLE APPROPRIATE BOX)	
			CEMENT ☒ C M BENTONITE CLAY ☐ B C	
			NO. OF BAGS <u>21</u> NO. OF POUNDS <u>1.974</u>	
			GALLONS OF WATER <u>126</u>	
			DEPTH OF GROUT SEAL (TO NEAREST FOOT)	
			FROM <u>0</u> FT. TO <u>60</u> FT.	
			(ENTER 0 IF FROM SURFACE)	
			CASING RECORD	
			CASING TYPES	
			(INSERT APPROPRIATE CODE BELOW)	
			STEEL ☐ S C CONCRETE ☐ C O	
			PLASTIC ☐ P L OTHER ☐ O T	
			MAIN CASING TYPE	
			NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH)	
			TOTAL DEPTH OF MAIN CASING (NEAREST FOOT)	
			S T 6 62	
			OTHER CASING (IF USED)	
			DIAMETER (INCH) FROM TO	
			SCREEN RECORD	
			SCREEN TYPE OR OPEN HOLE	
			(INSERT APPROPRIATE CODE BELOW)	
			STEEL ☐ S T BRASS OR BRONZE ☐ B R OPEN HOLE ☐ H O	
			PLASTIC ☐ P L OTHER ☐ O T	
			C-2 (SEQ. NO.) 6	
			DEPTH (NEAREST WHOLE FOOT)	
			FROM TO	
			NO 62 177	
			EACH SCREEN	
			23 24 26 30 32 36	
			38 39 41 45 47 51	
			SLOT SIZE 1, 2, 3	
			DIAMETER OF SCREEN (NEAREST INCH)	
			FROM TO	
			GRAVEL PACK	
			IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 F	
			WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
			T 70 LOG INDICATOR 72	
			W Q 74 75 76 OTHER DATA AVAILABLE	

CIRCLE APPROPRIATE BOXES

☐ A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

☐ E ELECTRIC LOG OBTAINED

☐ P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME

(PLEASE PRINT) Ronald L. Kuter

SIGNATURE Ronald L. Kuter

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

Simpson Rd.

Kuter

GENERAL NOTES

1. THE FOLLOWING NOTES ARE TO BE CONSIDERED APPLICABLE TO ALL CONSTRUCTION AND TO BE USED CONCURRENTLY WITH THE DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED ON DRAWINGS.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, JOB-SITE SAFETY AND FOR COORDINATING ALL PORTIONS OF THE WORK. THE CONTRACTOR MUST SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILLS AND ATTENTION.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BY SITE VISITS AND MEASUREMENTS TO COORDINATE NEW AND EXISTING, AND SHALL REQUEST DIRECTIONS FROM OWNER IF ANY DISCREPANCY IS DISCOVERED.
4. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED LICENSES PERMITS, INSPECTIONS AND FINAL OCCUPANCY PERMIT.
5. ALL NEW CONSTRUCTION SHALL BE IN COMPLIANCE WITH HOWARD COUNTY BUILDING CODE AND ALL OTHER APPLICABLE CODES, ORDINANCES AND REGULATIONS. WHERE A CONFLICT MAY OCCUR, THE MOST STRINGENT REQUIREMENT WILL GOVERN.
6. DESIGN LIVE LOAD: ROOF 30 PSF
FLOOR 40 PSF
WIND 10 PSF
7. SOIL BEARING CAPACITY ASSUMED: 3000 PSF
8. ALL FOOTINGS SHALL PROJECT DOWN A MINIMUM OF 1'-0" INTO UNDISTURBED, INORGANIC SOIL. BOTTOM OF FOOTINGS SHALL MATCH BOTTOM OF EXISTING SEPTIC TANK.
9. GROUND POISONING: PROVIDE AS ALLOWED BY LOCAL CODES.
10. MASONRY WALLS: REINFORCE ALL MASONRY WALLS WITH HORIZONTAL, TRUSS TYPE STEEL REINFORCING. WIDTH = 2" LESS THAN NOMINAL WALL THICKNESS. SPACE MAXIMUM 16" O.C.

PROVIDE A MINIMUM OF 3 BRICK COURSES OF SOLID BRICK OR ONE COURSE OF 100% SOLID CONCRETE BLOCK AT TOP OF WALLS AND AT ALL OTHER AREAS WHERE WOOD BEAMS, JOISTS AND TRUSSES BEAR ON MASONRY.

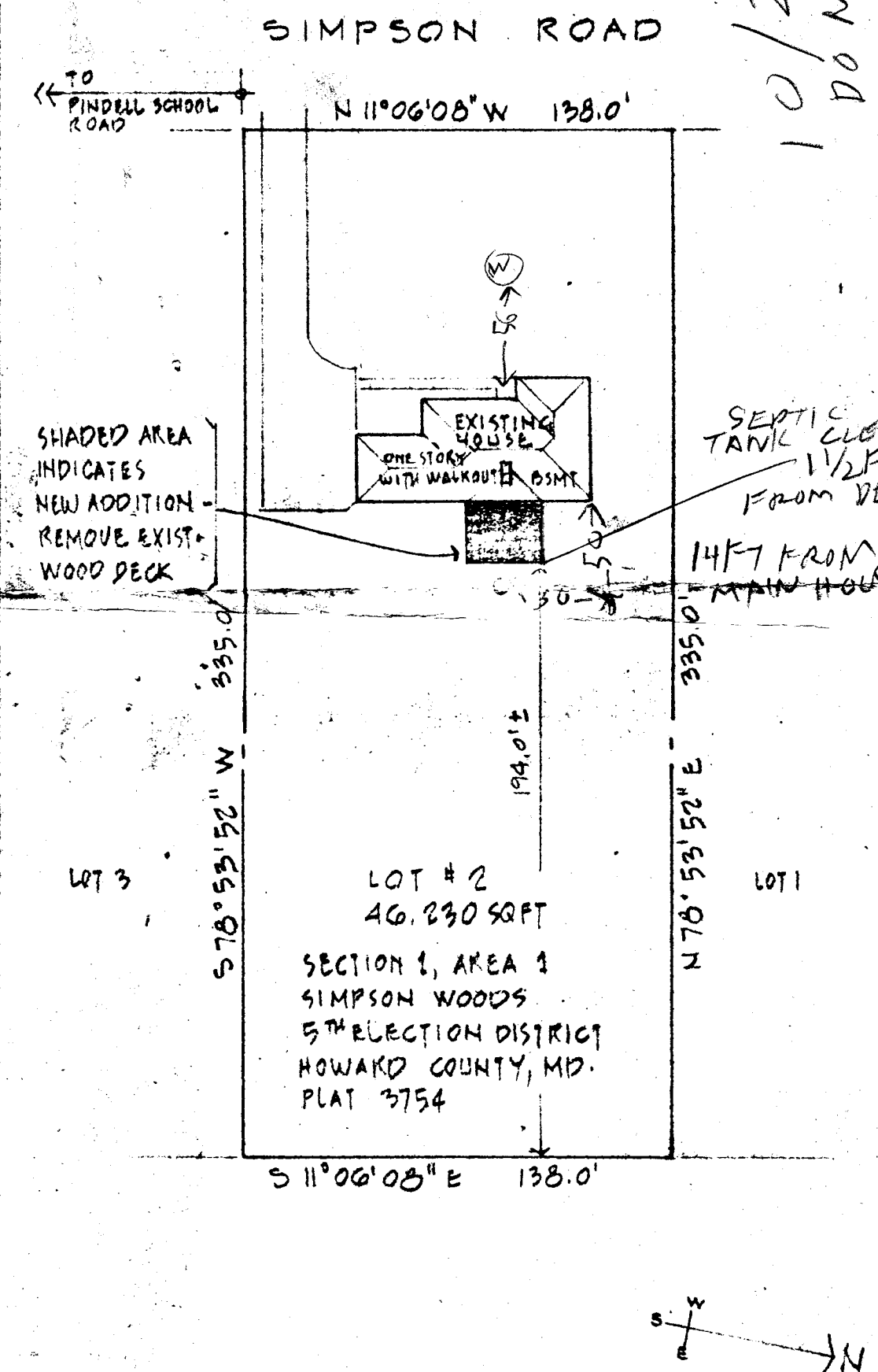
AT WINDOW, DOOR AND OTHER OPENINGS IN WALLS, PROVIDE 100% SOLID MASONRY FOR FULL THICKNESS OF WALL AND EXTENDING MINIMUM 8" BEYOND WALL OPENINGS, FROM LINTEL DOWN TO FOOTINGS.

AT STEEL BEAMS BEARING ON WALL, PROVIDE 100% SOLID MASONRY FOR FULL THICKNESS OF WALL AND EXTENDING 16" BEYOND CENTERLINE OF BEAM ON EACH SIDE, FROM BEAM DOWN TO FOOTING.
PROVIDE LINTELS AT EACH OPENING IN MASONRY WALLS AS FOLLOWS:
STEEL — ONE ANGLE FOR EACH 4" THICKNESS OF MASONRY.
3 1/2" LBS HORIZONTAL. 6" BEARING AT EACH END.

OPENING TO 3'-0" L 3 1/2" X 3" X 1/4"
3'-1" TO 5'-0" L 3 1/2" X 4" X 5/16"
5'-1" TO 7'-11" L 3 1/2" X 5" X 5/16"

CONCRETE: PRECAST REINFORCED CONCRETE; MAX. 6'-4" SPAN.
MIN. 8" BEARING AT EACH END
4" BLOCK WALL: 4"X8" WITH 184 REBARS TOP AND BOTTOM
6" 8"X8" 244
12" 12"X8" 384
11. BACKFILL—DO NOT PLACE BACKFILL AGAINST WALLS UNTIL SLABS ON GRADE AND FRAMED FLOORS (JOISTS AND PLYWOOD SUBFLOOR) ARE IN PLACE AND REQUIRED INSPECTIONS HAVE BEEN MADE. WHERE BACKFILLING ON BOTH SIDES OF WALL, BACKFILL BOTH SIDES SIMULTANEOUSLY, WITH GRADE DIFFERENCE NOT TO EXCEED 2'-0" AT ANY TIME.
12. SUBFLOOR SHALL BE T.B.S. UNDERLAYMENT TYPE PLYWOOD. GLUE AND NAIL TO JOISTS. ADHESIVE SHALL CONFORM TO APA SPECIFICATION: AFG-01, TO PROVIDE STRUCTURAL T-BEAM ACTION.
13. DRYWALL SHALL BE NAILED AND GLUED TO WOOD FRAMING WITH ADHESIVE RECOMMENDED BY DRYWALL MANUFACTURER.
14. CONCRETE SHALL CONFORM TO ACI BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-77). CONCRETE SHALL HAVE 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI MIN. REINFORCING SHALL CONFORM TO ASTM A-615. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
15. STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36. PAINT ONE SHOP COAT OF PAINT AND ONE FINISH COAT.
16. FRAMING LUMBER SHALL BE #2 GRADE, NEW-FIR, SOUTHERN PINE, OR BETTER, SURFACED DRY, USED AT 19% MAX. MOISTURE CONTENT. ALL DIMENSIONS ARE TO STUD FACE. DOUBLE JOISTS UNDER PARALLEL PARTITIONS. SILL PLATES SHALL BE PRESSURE TREATED.

17. ALL NEW CONSTRUCTION SHALL MATCH EXISTING IN MATERIALS, DETAILS, COLORS ETC. EXCEPT AS OTHERWISE SHOWN OR NOTED ON DRAWINGS.
PATCH ALL EXISTING SURFACES DISTURBED DURING THIS WORK.
REWIRE ELECTRICAL CIRCUITS AS REQUIRED TO MAINTAIN A FUNCTIONING SYSTEM.
ALL ITEMS REMOVED FROM EXISTING CONSTRUCTION SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE REUSED AS NOTED ON DRAWINGS OR DISPOSED AS DIRECTED BY OWNER.
- LEGEND: ——— INDICATES EXISTING ITEMS TO REMAIN
————— INDICATES EXISTING ITEMS TO BE REMOVED
————— INDICATES NEW STUD PARTITIONS
18. ELECTRICAL LEGEND:
\$ SILENT SWITCH
\$ SILENT SWITCH-SWAY
\$ SOLID STATE DIMMER SWITCH
○ INCANDESCENT LIGHT FIXTURE, CEILING MOUNTED
○ INCANDESCENT LIGHT FIXTURE, WALL MOUNTED
— FLUORESCENT LIGHT FIXTURE
— HEAT LAMP
— FAN-EXHAUST OR AS NOTED
— SMOKE DETECTOR
— DUPLEX CONVENIENCE OUTLET
— DUPLEX CONVENIENCE OUTLET-WATERPROOF
△ PHONE OUTLET, PREWIRED



SITE PLAN
SCALE 1" = 50'

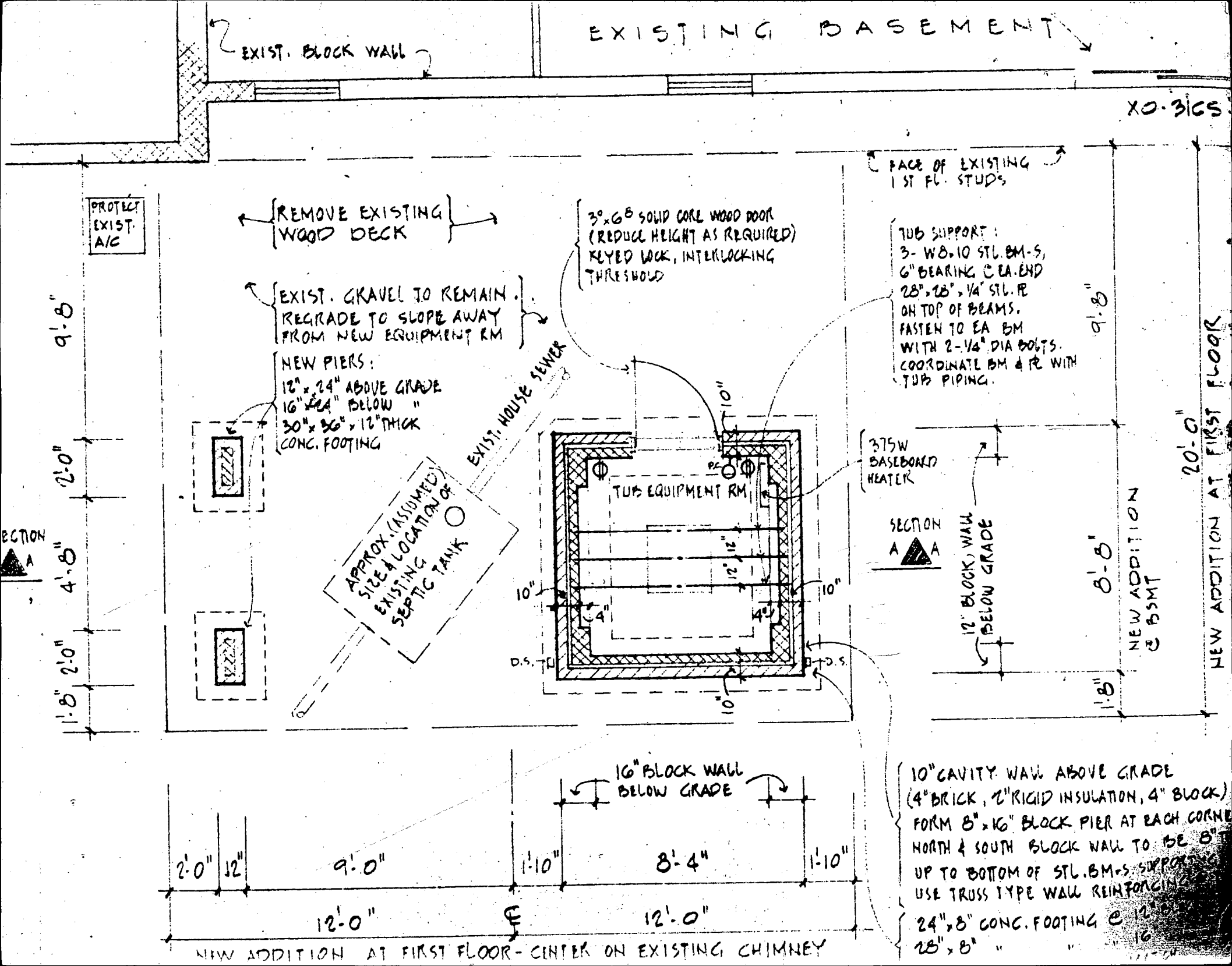
REVISIONS	BY

NEW SUN ROOM ADDITION
TO THE RESIDENCE OF
MR & MRS CHARLES H. KYPER

DOMOKOS HAJDO
ARCHITECT & PLANNER

8018 JAMINA DOWNS
COLUMBIA MARYLAND 21045

DATE	5.14.1986
SCALE	1" = 50'
DRAWN	DH
JOB	86005
SHEET	1
OF	5 SHEETS



TOP OF WALL PLATE TO ALIGN
OF ROOF SHEATHING WITH EXISTING
SHEATHING AT OUTSIDE FACE OF STUDS

1 MIL POLYETHYLENE VAPOR BARRIER
APPLIED TO INSIDE FACE OF FRAMING
6 T & G WOOD SIDING - STAINED

2x10 HEADERS WITH 2x3 SPACER
AND INSULATION

PLAN INVOLVES SLAB
ON GRADE CONSTRUCTION

FOOTERS TO BE SET
BELOW BOTTOM OF SEPTIC TANK
TO AVOID SIDE PRESSURE ON TANK.

OK TO PROCEED
10/30/86 *Chiller*

1/4" TO 3/8" EXP. JT. BETWEEN
WALL FINISH AND EDGE OF TIE
UNDERLAYMENT. FILL JOINT
WITH SILICONE SEALANT

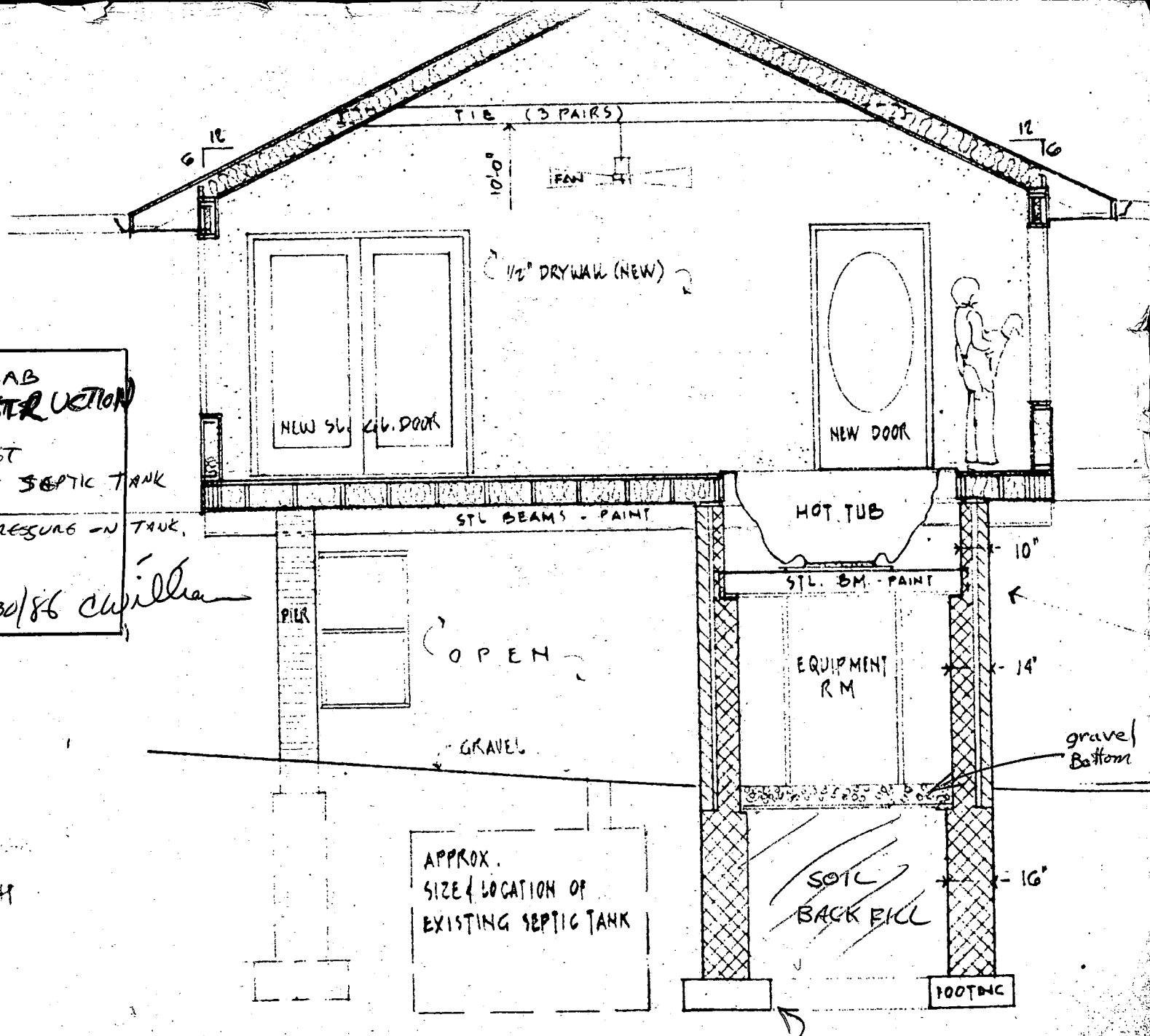
CERAMIC TILE BASE - BULLNOSE
IN EPOXY OVER
1/2" STRIP OF PLYWD - SAME HEIGHT
AS CERAMIC TILE BASE.

CERAMIC TILE IN EPOXY
1/2" PLYWOOD UNDERLAYMENT.
STOP BOTH 1/4" FROM FACE OF WALL
FOR EXPANSION

5/8" T & G PLYWOOD SUBFLOOR

R-30 FIBERGLASS INSULATION
NO VAPOR BARRIER

2x8 FLOOR JOISTS



EXPLANATION: FOOTINGS PLACED AT
A DEPTH OF BOTTOM OF SEPTIC
TANK SO AS TO ELIMINATE ANY
PRESSURE ON S. TANK

1. THE FOLLOWING NOTES ARE TO BE CONSIDERED APPLICABLE TO ALL CONSTRUCTION AND TO BE USED CONCURRENTLY WITH THE DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED ON DRAWINGS.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, JOB-SITE SAFETY AND FOR COORDINATING ALL PORTIONS OF THE WORK. THE CONTRACTOR MUST SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILLS AND ATTENTION.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BY SITE VISITS AND MEASUREMENTS TO COORDINATE NEW AND EXISTING; AND SHALL REQUEST DIRECTIONS FROM OWNER IF ANY DISCREPANCY IS DISCOVERED.
4. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED LICENSES PERMITS, INSPECTIONS AND FINAL OCCUPANCY PERMIT.
5. ALL NEW CONSTRUCTION SHALL BE IN COMPLIANCE WITH HOWARD COUNTY BUILDING CODE AND ALL OTHER APPLICABLE CODES, ORDINANCES AND REGULATIONS. WHERE A CONFLICT MAY OCCUR, THE MOST STRINGENT REQUIREMENT WILL GOVERN.
6. DESIGN LIVE LOAD: ROOF 30 PSF
FLOOR 40 PSF
WIND 10 PSF
7. SOIL BEARING CAPACITY ASSUMED: 3000 PSF
8. ALL FOOTINGS SHALL PROJECT DOWN A MINIMUM OF 1'-0" INTO UNDISTURBED, INORGANIC SOIL. BOTTOM OF FOOTINGS SHALL MATCH BOTTOM OF EXISTING SEPTIC TANK.
9. GROUND POISONING: PROVIDE AS ALLOWED BY LOCAL CODES.
10. MASONRY WALLS: REINFORCE ALL MASONRY WALLS WITH HORIZONTAL, TRUSS TYPE STEEL REINFORCING. WIDTH = 2" LESS THAN NOMINAL WALL THICKNESS. SPACE MAXIMUM 16" O.C.

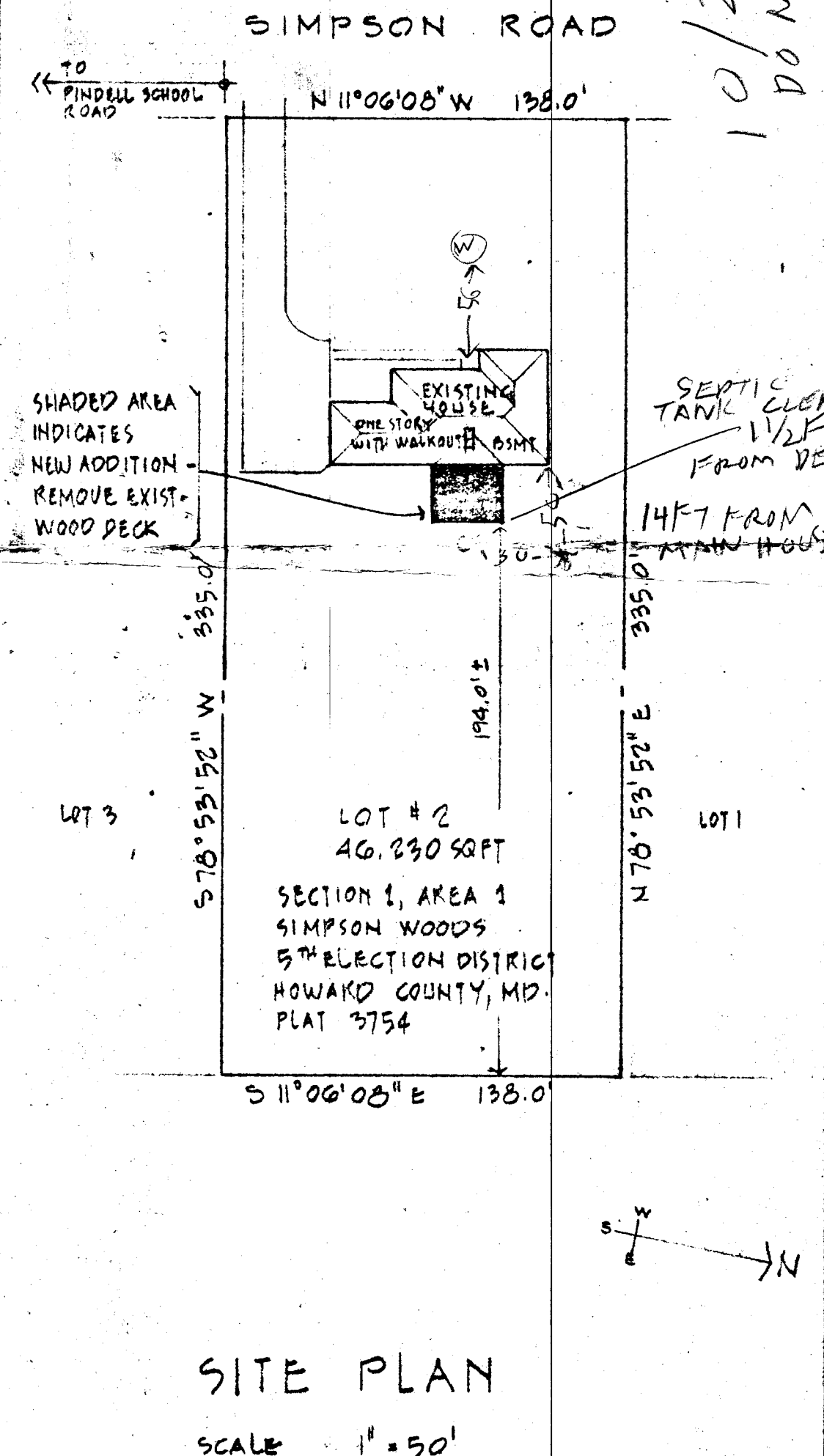
PROVIDE A MINIMUM OF 3 BRICK COURSES OF SOLID BRICK OR ONE COURSE OF 100% SOLID CONCRETE BLOCK AT TOP OF WALLS AND AT ALL OTHER AREAS WHERE WOOD BEAMS, JOISTS AND TRUSSES BEAR ON MASONRY.

AT WINDOW, DOOR AND OTHER OPENINGS IN WALLS, PROVIDE 100% SOLID MASONRY FOR FULL THICKNESS OF WALL AND EXTENDING MINIMUM 8" BEYOND WALL OPENINGS, FROM LINTEL DOWN TO FOOTINGS.

AT STEEL BEAMS BEARING ON WALL, PROVIDE 100% SOLID MASONRY FOR FULL THICKNESS OF WALL AND EXTENDING 16" BEYOND CENTERLINE OF BEAM ON EACH SIDE, FROM BEAM DOWN TO FOOTING.
PROVIDE LINTELS AT EACH OPENING IN MASONRY WALLS AS FOLLOWS:
STEEL — ONE ANGLE FOR EACH 4" THICKNESS OF MASONRY.
3 1/2" LEG HORIZONTAL. 6" BEARING AT EACH END.

OPENING TO 3'-0" L 3 1/2" X 3" X 1/4"
3'-1" TO 5'-0" L 3 1/2" X 4" X 5/16"
5'-1" TO 7'-11" L 3 1/2" X 5" X 5/16"
- CONCRETE: PRECAST REINFORCED CONCRETE; MAX. 6'-4" SPAN.
MIN. 8" BEARING AT EACH END
4" BLOCK WALL: 4"X8" WITH 184 REBARS TOP AND BOTTOM
6" 8"X8" 264
12" 12"X8" 364
11. BACKFILL—DO NOT PLACE BACKFILL AGAINST WALLS UNTIL SLABS ON GRADE AND FRAMED FLOORS (JOISTS AND PLYWOOD SUBFLOOR) ARE IN PLACE AND REQUIRED INSPECTIONS HAVE BEEN MADE. WHERE BACKFILLING ON BOTH SIDES OF WALL, BACKFILL BOTH SIDES SIMULTANEOUSLY, WITH GRADE DIFFERENCE NOT TO EXCEED 2'-0" AT ANY TIME.
12. SUBFLOOR SHALL BE T.B.S. UNDERLAMENT TYPE PLYWOOD. GLUE AND NAIL TO JOISTS. ADHESIVE SHALL CONFORM TO APA SPECIFICATION: AFG-01, TO PROVIDE STRUCTURAL T-BEAM ACTION.
13. DRYWALL SHALL BE NAILED AND GLUED TO WOOD FRAMING WITH ADHESIVE RECOMMENDED BY DRYWALL MANUFACTURER.
14. CONCRETE SHALL CONFORM TO ACI BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-77).
CONCRETE SHALL HAVE 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI MIN.
REINFORCING SHALL CONFORM TO ASTM A-615.
WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
15. STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36
PAINT ONE SHOP COAT OF PAINT AND ONE FINISH COAT.
16. FRAMING LUMBER SHALL BE #2 GRADE MDX-FTR, SOUTHERN PINE, OR BETTER; SURFACED DRY, USED AT 19% MAX. MOISTURE CONTENT.
ALL DIMENSIONS ARE TO STUD FACE.
DOUBLE JOISTS UNDER PARALLEL PARTITIONS.
SILL PLATES SHALL BE PRESSURE TREATED.

- 18 ELECTRICAL LEGEND:**



SITE PLAN

SCALE 1" = 50'

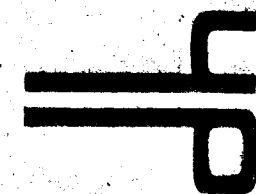
[illegible]

NEW SUN ROOM ADDITION
TO THE RESIDENCE OF
MR & MRS CHARLES H. KYPER

206111902 SIMPSON RD CLARKSVILLE, MD. 21029

**DOMOKOS HAJDO
ARCHITECT & PLANNER**

6018 JAMINA DOWNS
COLUMBIA MARYLAND 2



DATE	5.14.1986
SCALE	1"=50'
DRAWN	DH
JOB	8605
SHEET	1
OF	5 SHEETS

REGION _____

AREA _____ RATING _____

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH

RECORD OF INVESTIGATION

A43589

Map 41 Grids

Par 414 Lot 2 Simpson Woods

DISPOSITION	DATE

LOCATION 1190² SIMPSON RD ZIP 211
OWNER ☐ KYPER ADDRESS 11902 Simpson Rd PHONE _____
OCCUPANT ☐ _____

COMPLAINANT SUSAN BINGHAM ADDRESS 11906 SIMPSON RD. PHONE 301-490-6556

REASON FOR INVESTIGATION SUMP PUMP DISCHARGES "WATER" FROM 11904 WHICH
RUNS ONTO 11906; IT IS SOAPY & IN QUANTITIES WHICH SUGGEST LAUNDRY.
A DITCH WAS DUG TO CONTROL IT WITHOUT SUCCESS, THIS MORNING KYPER HAD A PIT DUG.

RECEIVED BY CW DATE 4/3/95 ASSIGNED TO M.R DATE 4/3

DATE OF INVESTIGATION 4/3/95 TIME 11:00 ± WEATHER mild

REPORT A MS BINGHAM REPORTS THAT KYPER'S ADMIT THAT
SEPTIC TANK OR SEPTIC LINE WAS DAMAGED BY A RECENT
ADDITION, THE PROBLEM BEGAN AT THAT TIME

4/3/95 UPON ARRIVAL, OBS'D EXCAVATION IN LEFT REAR
PORTION OF PROPERTY; CONTRACTOR REPORTED HE WAS
DIGGING A DRYWELL FOR SUMP PUMP DISCHARGE; PIT WAS 10'x15'
2'-3' DEEP; OBS'D EX. SUMP PUMP DISCHARGE @ THAT DEPTH
(IN CLAY); OWNER'S REPORT IS AREA WAS "ALWAYS" MARSHY
THUS THE REASON FOR ^{DRAINAGE} PIT (ACTUALLY BED w/ GRAVEL);
ADVISED OWNER THAT INSTALLING LINE INTO CLAY WOULD
MAKE IT "MARSHY" AND THAT PIT WAS "UNACCEPTABLE LOC.
DUE TO ~~NO~~ CONFLICT w/ SEWAGE EASEMENT; REACHED
AGREEMENT TO RUN SUMP PUMP LINE TO PFLOWER BED;
INSP. OF SUMP PUMP REVEALS HOT WATER HEATER EMERG.
VENT, H₂O FILTER BACKWASH, AND WASH BASIN ALSO PLUMBED
OVER

DATE SUBMITTED _____ SANITARIAN _____

REGION

AREA

RATING

ACKNOWLEDGMENT AND CONTROLS	DATE
	4/3/95

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH

DISPOSITION	DATE

RECORD OF INVESTIGATION

A43589

Map 41 Grid 8

LOCATION

OWNER

OCCUPANT

KYPGR

ADDRESS

11902 Simpson Rd

PHONE

COMPLAINANT

SUSAN BINGHAM

ADDRESS

11906 SIMPSON RD.

PHONE

301-490-6556

REASON FOR INVESTIGATION

SUMP PUMP DISCHARGES "WATER" FROM 11904 WHICH

RUNS ONTO 11906; IT IS SOAPY & IN QUANTITIES WHICH SUGGEST LAUNDRY.

A DITCH WAS DUG TO CONTROL IT WITHOUT SUCCESS, THIS MORNING KYPGR HAD A PIT DUG.

RECEIVED BY

CW

DATE

4/3/95

ASSIGNED TO

M.R.

DATE

4/3

DATE OF INVESTIGATION

4/3/95

TIME

11:00 ±

WEATHER

mild

REPORT

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4/3/95 UPON ARRIVAL, OBS'D EXCAVATION IN LEFT REAR PORTION OF PROPERTY; CONTRACTOR REPORTED HE WAS DIGGING A DRYWELL FOR SUMP PUMP DISCHARGE; PIT WAS 10'x15' 2'-3' DEEP; OBS'D EX. SUMP PUMP DISCHARGE @ THAT DEPTH IN CLAY; OWNER'S REPORT IS AREA WAS "ALWAYS" MARSHY THUS THE REASON FOR ^{DRAINAGE} PIT (ACTUALLY BED W/ GRAVEL); ADVISED OWNER THAT INSTALLING LINE INTO CLAY WOULD MAKE IT "MARSHY" AND THAT PIT WAS "UNACCEPTABLE LOC. DUE TO ~~NO~~ CONFLICT W/ SEWAGE EASEMENT; REACHED AGREEMENT TO RUN SUMP PUMP LINE TO FLOWER BED; INSP. OF SUMP PUMP REVEALS HOT WATER HEATER EMERG. VENT, H₂O FILTER BACKWASH, AND WASH BASIN ALSO PLUMBED OVER

DATE SUBMITTED

SANITARIAN

4/3
cont'd

INTO SUMP PUMP A-17; REQUESTED OWNER
TO REMOVE OR RE-PLUMB WASH BASIN
LINE AND SHE AGREED MR

FILE CLOSED