

LAYOUT 1/14/13 INSP 4 \_\_\_\_\_  
INSP 2 1/16/13 INSP 5 \_\_\_\_\_  
INSP 3 1/22/13 INSP 6 \_\_\_\_\_

ISSUE DATE:

12/21/2012

# PERMIT

P 544400

APPROVAL DATE:

1/22/13

A \_\_\_\_\_

Tax ID # 05-346363

**ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH**

Viram Patel

IS PERMITTED TO

INSTALL ☒ ALTER ☐

ADDRESS: 12320 Scaggsville Road, Fulton 20759 PHONE NUMBER: 301-854-0762

SUBDIVISION: Tax Map 40, Parcel 108 LOT NUMBER: \_\_\_\_\_

ADDRESS: 12320 Scaggsville Road PROPERTY OWNER: Viram Patel

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: 5,460

LINEAR FEET OF TRENCH REQUIRED: 140'

TRENCHES:	Trenches to be 2.0 feet wide. Inlet is at 3.0 feet below original grade with 3.0 feet of stone below the distribution pipe. Bottom maximum depth is 6.0 feet below original grade. Effective sidewall begins at 4.0 feet below original grade. Maintain at least 6.0 feet of spacing between trenches.
LOCATION:	Set septic tank per plan. Set distribution box at upper boundary of septic reserve. Install 2 x 70' trenches on contour. <u>Pump and crush lids of old septic tank and dry well. Fill voids with clean earth materials.</u> <i>MSB</i>
NOTES:	<b>Do not</b> order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Robert Bricker DATE: 7/30/12

NOTE: PERMIT VOID AFTER 2 YEARS  
NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
NOTE: WATERTIGHT SEPTIC TANKS REQUIRED  
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL  
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR  
THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE

See Attached sheet  
for As-Built

ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH 2' INLET 3 BOTTOM 6'  
NUMBER OF TRENCHES 2  
TOTAL LENGTH 140  
ABSORPTION AREA 280' + SW  
DISTRIBUTION BOX LEVEL Leveler's  
DISTRIBUTION BOX BAFFLE Yes  
DISTRIBUTION BOX PORT Yes

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL Yes  
MANUFACTURER Babylon  
CAPACITY 2000 GAL  
SEAM LOC Top  
TANK LID DEPTH 3'  
BAFFLES Yes  
BAFFLE FILTER —  
MANHOLE LOC Front  
6" PORT LOC Rear  
WATERTIGHT TEST —  
SLOTTED Yes  
DATE ON LID N/A

**PUMP/SEPTIC TANK LEVEL** N/A

MANUFACTURER —  
CAPACITY — GAL  
SEAM LOC —  
TANK LID DEPTH —  
BAFFLES —  
BAFFLE FILTER —  
MANHOLE LOC —  
6" PORT LOC —  
WATERTIGHT TEST —  
SLOTTED —  
DATE ON LID —

**PRE-CONSTRUCTION:**

1/14/13 Install 2x70 trenches on contour as pointed out in field.  
Set Dbox close to porch hole P2. Trenches will run across SRA towards  
porch hole P1. Keep S.T. 20' from house and 100' from well.  
P collapse ex. Tank and drywell (KW)

**INSTALLATION:**

1/16/13 S.T. set per layout. No house connection. Plumbing  
installed from tank to Dbox. Top trench 80% complete. Made  
comment to contractor to add obs. port @ ends of trenches.  
Addressed "speedy London" again for Dbox. OK to continue. OK to  
cover trenching @ this point. (KW) 1/29/13 Trenches complete. obs  
pipes installed correctly. Dbox leveled. Contractor installing baffles in tank.  
House connection made. OK to cover all work - KW

FINAL INSPECTOR

*K. Haff*

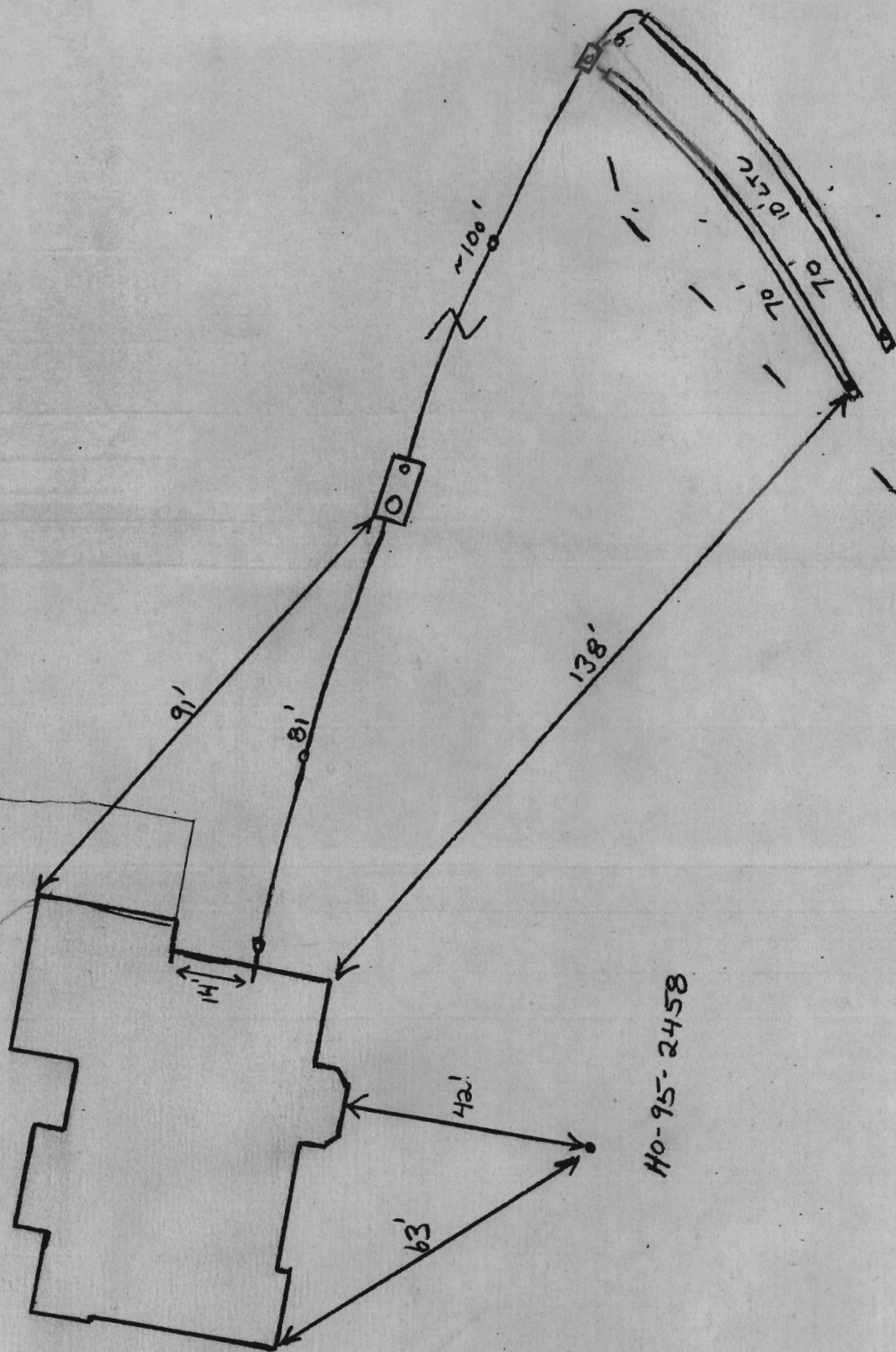
DATE OF APPROVAL

1/22/13



NOT TO SCALE

Gravel Drive



HO-95-2458

Gr. Drive



PLAN VIEW  
SCALE 1"=80'

- NOTES:
1. THIS PLAN IS FOR A NEW HOUSE ON PARCEL 108 TO REPLACE THE OLD HOUSE WHICH WAS DESTROYED IN A FIRE IN MARCH 2011.
  2. THE FOUNDATION OF THE OLD HOUSE HAS BEEN REMOVED.
  3. THE NEW HOUSE SHALL BE SERVED BY THE EXISTING DRIVEWAY.
  4. THE LIMIT OF DISTURBANCE IS 4950 SF THEREFORE THIS PLAN IS EXEMPT FROM SWM.
  5. THE NEW HOUSE SHALL BE SERVED BY PRIVATE ON-SITE WELL & SEPTIC SYSTEM.
  6. TOPOGRAPHY SHOWN IS FIELD RUN BY NAJIB ROSHAN ASSOCIATES, INC. ON OR ABOUT MAY 2012.
  7. THE EXISTING WELL SHOWN ON THIS PLAN (TAG #HO-75-0412) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

INVERT OUT AT HOUSE = 498.50  
INVERT IN AT SEPTIC TANK = 496.22  
INVERT OUT AT SEPTIC TANK = 495.97  
GROUND ELEV. AT SEPTIC TANK = 499.15  
INVERT IN AT DIST. BOX = 495.00  
GROUND ELEV. AT DIST. BOX = 498.10

DATE: 12/22/2012 PREPARED BY: JAC

FROM: Home and Address  
AST CONSULTANTS INC.  
7894 JAMES AVENUE  
ELICOTT CITY, MD 21043  
410-988-2200 (P)  
ATTN: AMROH+PATIL, PE  
pkc@astconsultants.com (E)

Project Name and Address  
PATEL PROPERTY  
2320 SCAGGSVILLE ROAD  
FULTON, MD 20759  
PLOT PLAN  
PARCEL 108  
TAX MAP: 40 GRID: 18 PARCEL 108  
ZONING: RRC10  
5th ELECTION DISTRICT: HOWARD COUNTY, MD



- NOTES:
1. ACCURACY OF BUILDING MEASUREMENTS: 0.1'
  2. ACCURACY OF SETBACK DIMENSIONS: 1'
  3. ACCURACY OF ELEVATIONS: 0.1'
  4. THE PROPERTY SHOWN HEREON LIES IN ZONE "C" AS SHOWN ON FLOOD INSURANCE RATE MAP NO: 240044 0037 B, DATED: 12/4/1986
  5. FOUNDATION SHOWN HEREON WAS FIELD LOCATED BY SHANABERGER & LANE ON SEPTEMBER 11, 2012. OTHER IMPROVEMENTS SHOWN ARE FROM AVAILABLE RECORDS.
  6. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM A BOUNDARY SURVEY BY NAJIB ROSHON ASSOCIATES IN APPROXIMATELY MAY, 2012.

BROWNS BRIDGE ROAD  
RW VARIES

BROWNS BRIDGE ROAD  
RW VARIES

MARYLAND ROUTE 216  
SCAGGSVILLE ROAD  
RW VARIES

S 81°01'13"E  
931.41'

289.41'  
S 11°41'05"W

N 06°34'44"E  
447.47'

676.51'

BG#E TEMPORARY  
CONSTRUCTION STRIP  
LIBER 12528 FOLIO 215

N 06°44'52"E  
10.00'

BG#E EASEMENT  
LIBER 12528 FOLIO 215

S 83°15'25"E  
703.75'

415.00'  
N 83°15'26"W

N 06°44'53"E  
157.45'

S 83°15'20"W  
29.30'

N 06°44'53"E  
123.70'

752.9±

POURED CONC.  
FOUNDATION  
TOP ELEV. 502.45

335.9±

Wall check 'OK' reb 12/21/12

Asphalt Drive

686.41±

PATEL PROPERTY

DEED REFERENCE: 1567 /703  
TAX MAP 40 GRID 18 PARCEL 108

1314.79'  
S 09°27'48"W

BG#E TEMPORARY  
CONSTRUCTION STRIP  
LIBER 12528 FOLIO 215

BG#E EASEMENT  
LIBER 12528 FOLIO 215

N 56°25'59"W  
220.52'

L=240.37'  
R=490.90'

S 28°47'40"W  
393.08'

434.42'  
N 61°13'26"W

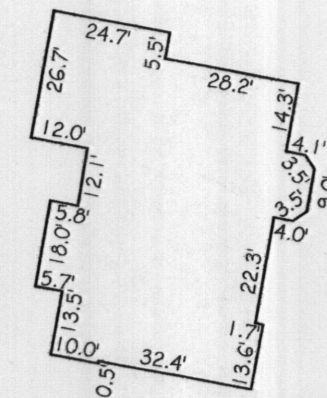
N 27°33'35"E  
394.98'

BG#E TEMPORARY  
CONSTRUCTION STRIP  
LIBER 12528 FOLIO 215

BG#E EASEMENT  
LIBER 12528 FOLIO 215

N 62°05'38"W  
758.86'

MARYLAND ROUTE 216  
SCAGGSVILLE ROAD  
RW VARIES



FOUNDATION DETAIL  
SCALE: 1"=40'

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER IMPROVEMENTS. IT WAS PREPARED UNDER MY DIRECT SUPERVISION AND REVIEW IN ACCORDANCE WITH SEC. 16.13.06.06 OF THE ANNOTATED CODE OF MD.

G. SCOTT SHANABERGER PROFESSIONAL LAND SURVEYOR  
LICENSE EXPIRATION DATE 4/2/2014  
SHANABERGER & LANE  
8726 TOWN AND COUNTRY BLVD., SUITE 200  
ELLICOTT CITY, MD. 21043  
(410)461-9563 FAX: (410)461-9693

FOUNDATION LOCATION DRAWING  
PATEL PROPERTY  
12320 ROUTE 216  
DEED REFERENCE: 1567 /703  
TAX MAP 40 GRID 18 PARCEL 108  
5th ELECTION DISTRICT  
HOWARD COUNTY, MD.  
SCALE: 1"=100'  
DATE: 9/12/2012

1220foundation.dwg