

LAYOUT 9/8/10 INSP 4 _____
INSP 2 9/9/10 INSP 5 _____
INSP 3 9/10/10 INSP 6 _____

ISSUE DATE: 8-26-10

PERMIT

P 533992

APPROVAL DATE: 9/10/10

A _____

Tax ID # _____

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

Fogles Septic IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: Hopkins Choice LOT NUMBER: 31

ADDRESS: 13908 Ryon Drive PROPERTY OWNER: Toll MD V LP

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: + 3501

LINEAR FEET OF TRENCH REQUIRED: 124

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 9.0 feet below grade. Effective area begins at _____ feet below original grade with 5.5 feet of stone below distribution pipe.
LOCATION:	Location of trenches to be determines at time of layout.
NOTES:	System specs may need to be adjusted at time of layout to determine maximum suitability. Stone coming out of Lafarge or Barrick quarries must be clean of fines and clay. Subject to approval. SDA must be staked.

PLANS APPROVED: Kevin Wolf DATE: 2/18/10

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

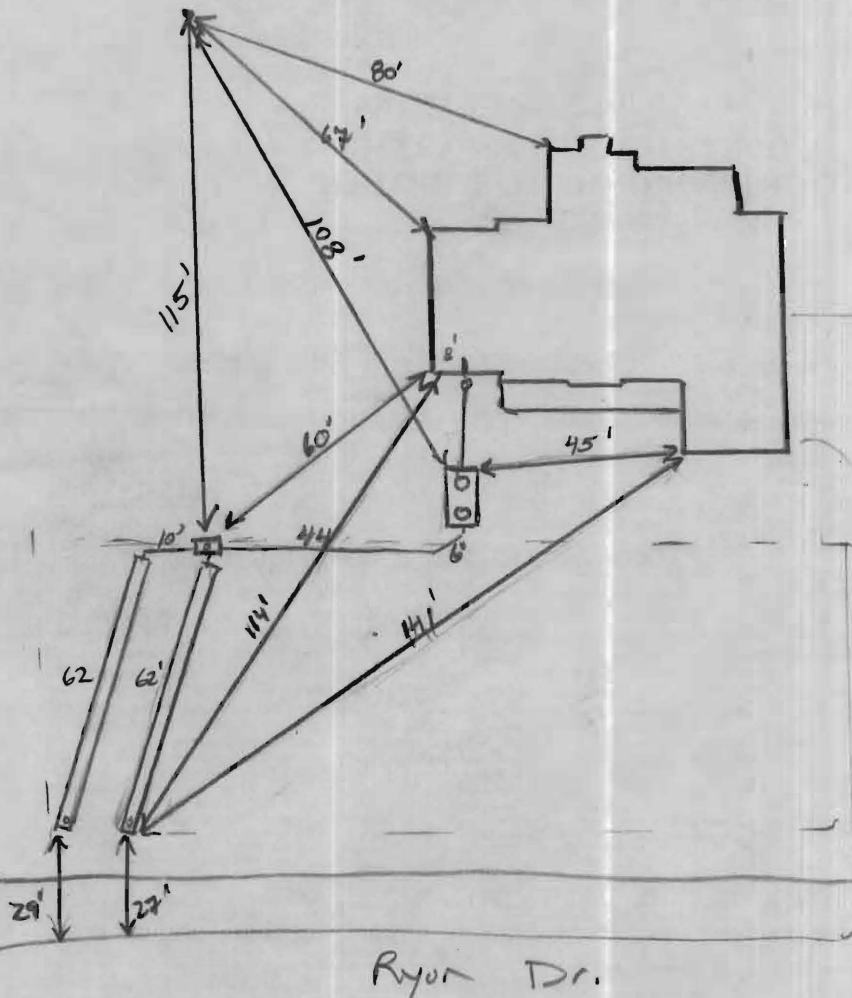
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**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

1" = 40'

H0-94-4115

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
2'	3'	9'
NUMBER OF TRENCHES		2
TOTAL LENGTH		164'
ABSORPTION AREA		328' ± SW
DISTRIBUTION BOX LEVEL		Levelers
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	2'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front / Rear
6" PORT LOC	None
WATERTIGHT TEST	—
SLOTTED	Yes 7/28/10
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	—

PRE-CONSTRUCTION

9/8/10 Contractor was difficult to find for smooth trenches. Set tank straight out 20' from house, Install

2 x 60' trenches on contour (as close as possible) @ low part of slope.

Keep sys components 100' from prepared well (K)

INSTALLATION:

9/9/10 Tank set 20' from house, Plumbing installed to

D box. Bottoms laid

9/10/10 Trenches complete. D box assembled. System looks good.

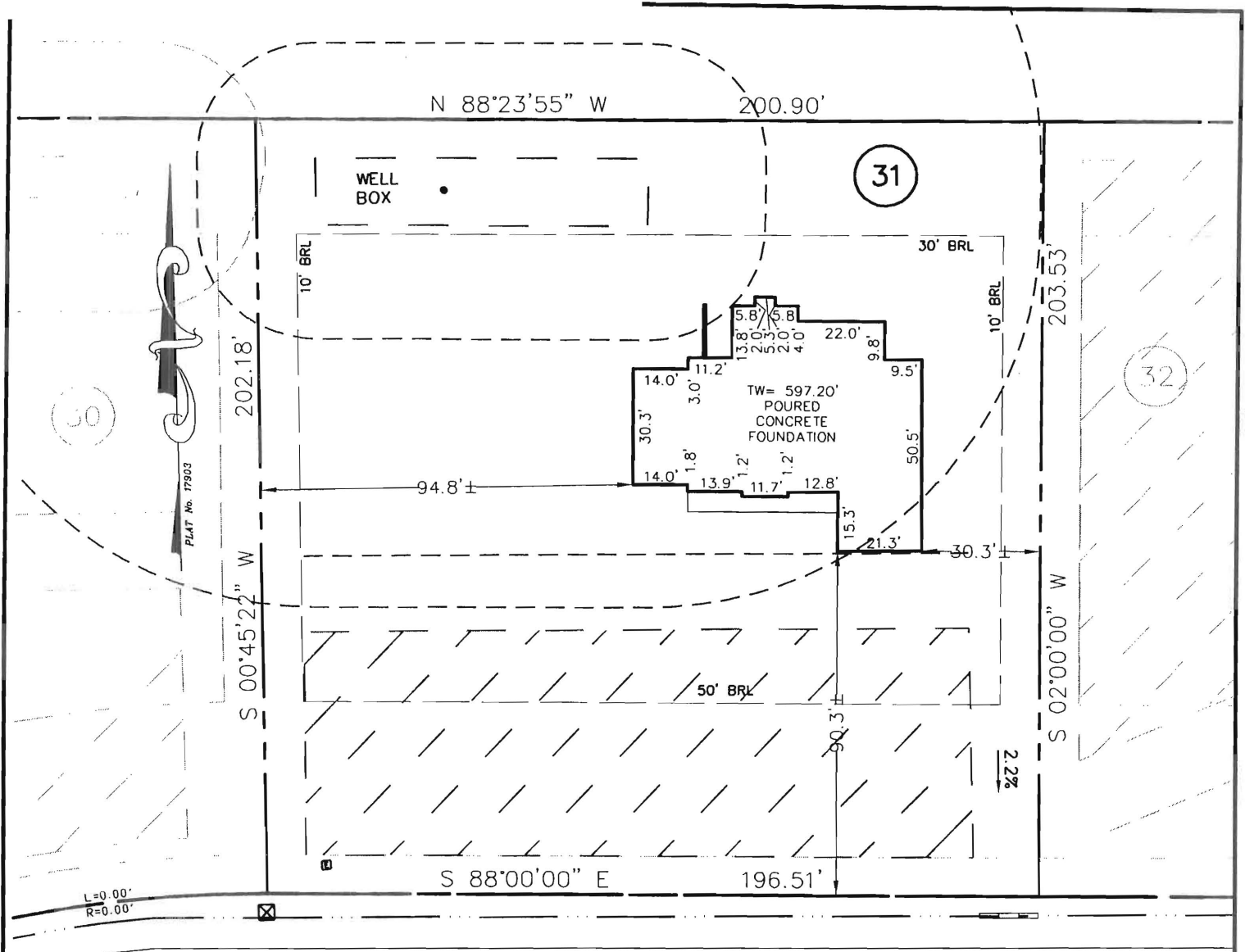
OK to cover all work (K)

FINAL INSPECTOR

K. Vally

DATE OF APPROVAL

9/10/10



RYON DRIVE

Wall check OK
8-26-10 HJ

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPEMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR HOPKINS CHOICE, PLAT No 17903. REFER TO THIS PLAT FOR ANY RESTRICTIONS AND/OR PROVISIONS.

WELL No. HO-94-4115

ADDRESS: 13908 RYON DRIVE
GLENELG, MD 21737

SURVEYOR'S CERTIFICATE

THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHT-OF-WAYS, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.

THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

SIGNATURE: 21328 06/17/10
MD. LIC NO. DATE

WALL CHECK
LOT #31
HOPKINS CHOICE
LIBER 07504, FOLIO 0437
PLAT No. 17903
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND



Land Planning
Engineering
Land Surveying

ESE Consultants Inc.
7164 Columbia Gateway Dr.
Suite 203
Columbia, MD 21046
TEL: 410-872-9105
FAX: 410-872-4870

DATE: 6/16/10 SCALE: 1"=40' FILE: Lot 31 Wallcheck
CHK'D: MJB JOB#: 2975 DRAWN: CRC



Howard County
Health Department

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

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

MEMORANDUM

TO: Interested Parties

FROM: Sara Sappington, R.S.
Well and Septic Program
Bureau of Environmental Health

RE: Hopkins Choice

DATE: August 28, 2009

The Health Department recognizes the limitations a number of current lot layouts have with respect to their individual sewage disposal areas and driveway locations in the Hopkins Choice subdivision. For lots where the individual sewage disposal area is impacted by a potential driveway, we offer the following response:

1. Septic system trenches must be installed prior to the final driveway installation and paving.
2. If the initial and replacement septic systems must be located under the driveway to adequately support the proposed structure, the 2nd replacement system must also be installed.
3. If the initial and replacement septic systems adequately fit in the established area without being impacted by the driveway, the 2nd replacement system does not need to be installed.
4. Any changes to the currently approved sewage disposal areas or well areas will be subject to current setback regulations.

Individual lot owners or builders of the properties in Hopkins Choice impacted by these limitations will be required to sign this document acknowledging the above information is understood prior to building permit approval.

Owner

Date

Health Department Representative

Date