

LAYOUT 8-8-12 INSP 4 \_\_\_\_\_  
INSP 2 8/10/12 INSP 5 \_\_\_\_\_  
INSP 3 8/13/12 INSP 6 \_\_\_\_\_

ISSUE DATE:

6-27-12

# PERMIT

P 537359

APPROVAL DATE:

8/15/2012

A 516057

Tax ID # 04-373642

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

K. Harmanian Homes IS PERMITTED TO INSTALL ☒ ALTER ☐  
ADDRESS: 1800 Bright St. Andrews Md 20785 PHONE NUMBER: 301-683-6268  
SUBDIVISION: Belle Haven Estates LOT NUMBER: 1

ADDRESS: 15320 Sweetbay Street PROPERTY OWNER: Belle Haven Baker LLC

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4 (on Future Repairs) APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: 7,253

LINEAR FEET OF TRENCH REQUIRED: 118.33  
170

4 1/2' - 7 1/2' on upper trench  
4 1/2' - 7' on lower trench  
2" kink  
2x85'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet is at 3.0 feet below original grade with 4.0 feet of stone below the distribution pipe. Bottom maximum depth is 2.0 feet below original grade. Effective sidewall begins at 4.5 feet below original grade. Maintain at least 9.0 feet of spacing between trenches. <u>70</u>
LOCATION:	Set septic tank per layout inspection. Set distribution box at the highest point of the easement per layout inspection. Install 118.33 feet of trench on contour per layout inspection.
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:

Dana Bernard

DATE: 5/1/12

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

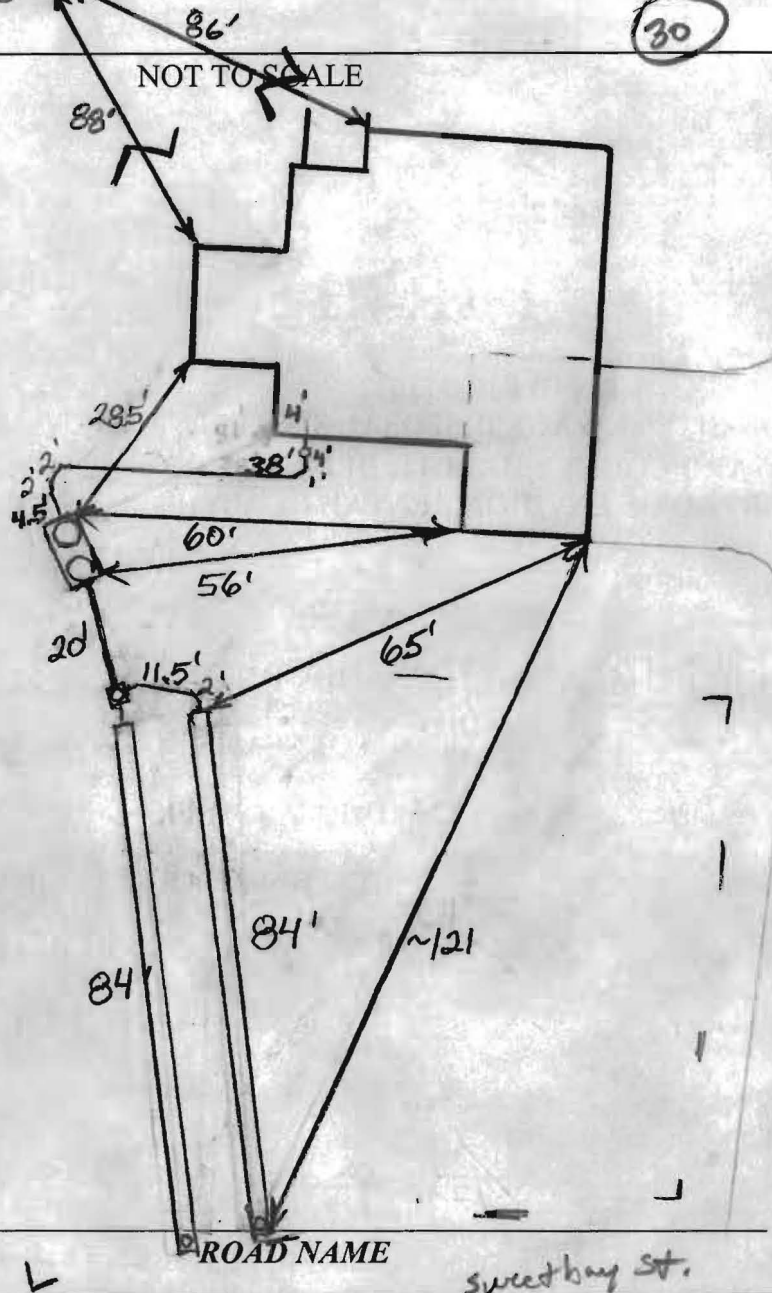
**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR  
THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**



H0-95-0655

(30)

NOT TO SCALE

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
2'	4'-4.5'	7'-8'
NUMBER OF TRENCHES 2		
TOTAL LENGTH 168'		
ABSORPTION AREA 504		
DISTRIBUTION BOX LEVEL Levelers		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT Yes		

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Mayer Bros
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	Dry

**PUMP/SEPTIC TANK LEVEL**

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

**PRE-CONSTRUCTION:**

8/8/12 Numerous grades shot in field for placement of S.T. and trenches. OK to make gravity. 3 systems laid out for 4 bedrooms. 2 future systems will fit below initial. One future system will have to be pumped. Told builder to make to write a letter explaining this so keep w/ file. 2x 85' trenches to be installed. Keep S.T. out of swale and 20' from house. (K)

INSTALLATION: 8/10/12 No one working, canceled for rain (K)  
 8/13/12 S.T. set out of swale. SHC ran up the tank. No trenches installed. Re-shot elevations again. Contractor looked confused. Top trench inlet should be 4.5' below grade, lower trench should be 4'. (K)  
 8/15/2012 System finished. O.K. to backfill. (BB)

FINAL INSPECTOR

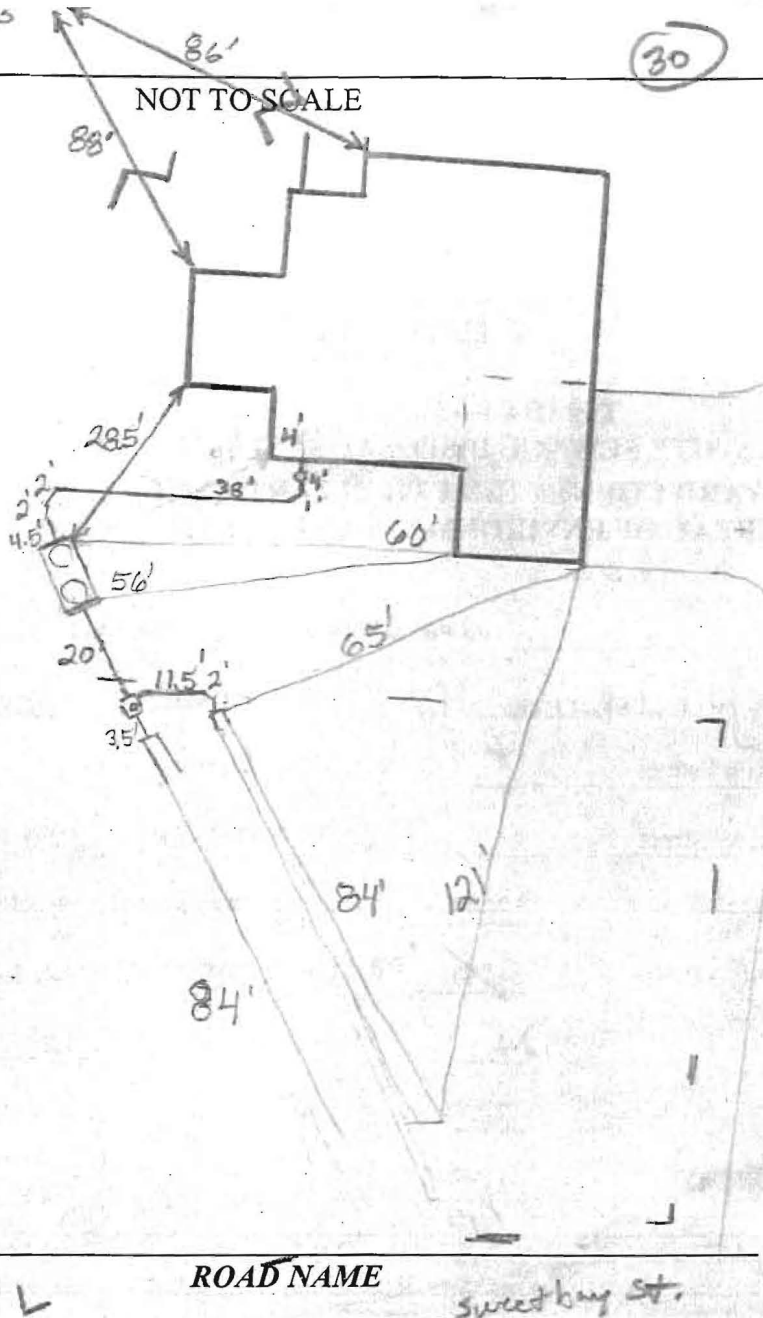
B. Baker

DATE OF APPROVAL

8/15/2012



NOT TO SCALE

**TRENCH/DRAINFIELD DATA**

WIDTH INLET BOTTOM

2' 4'-4.5'

NUMBER OF TRENCHES 2

TOTAL LENGTH

ABSORPTION AREA

DISTRIBUTION BOX LEVEL Levelers

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT Yes

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER Major Bros

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 3'

BAFFLES Yes

BAFFLE FILTER No

MANHOLE LOC Front + Rear

6" PORT LOC None

WATERTIGHT TEST

SLOTTED Yes

DATE ON LID Dry

PUMP/SEPTIC TANK LEVEL A/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:**

8/8/12 Numerous grades shot in field for placement of S.T. and trenches. OK to make gravity 3 system laid out for 4 bedrooms. 2 Future systems will fit below initial. One future system will have to be pumped. Told builder to write a letter explaining this so keep out of line. 2x 85' trenches to be installed. Keep S.T. out of swale and 20' from house. (K)

INSTALLATION: 8/10/12 Also one working, cancelled for rain (K)

8/13/12 S.T. set out of swale. S.H.C. ran up the tank.

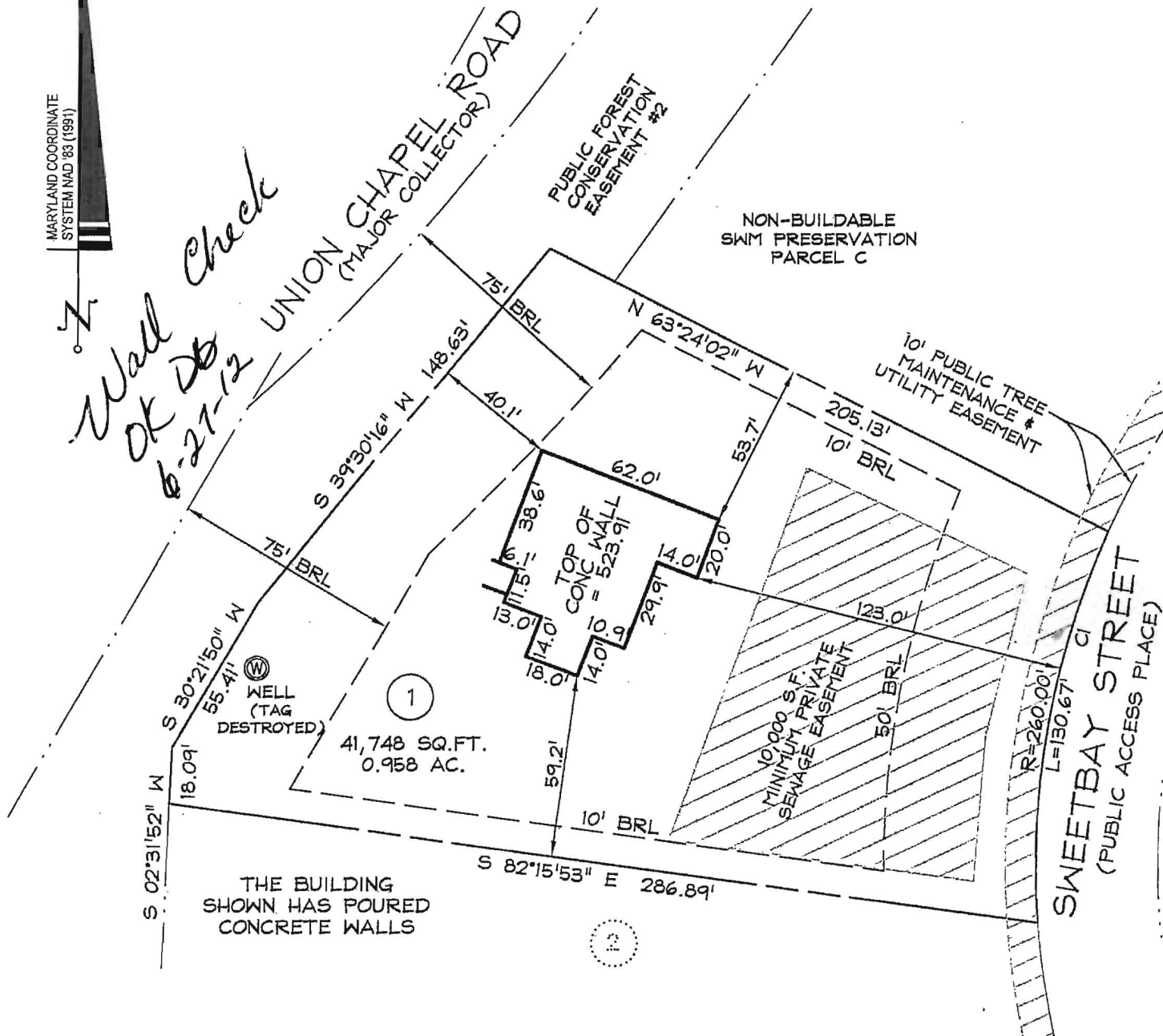
No trenches installed. Re-shot elevations again. Contractor looked confused. Top trench inlet should be 4.5' below grade. Lower trench should be 4'. (K)

8/15/2012

FINAL INSPECTOR \_\_\_\_\_ DATE OF APPROVAL \_\_\_\_\_



CURVE TABLE						
CURVE	RADIUS	LENGTH	DELTA	TAN	CHD. BRG.	CHD. DIST.
C1	260.00	130.67	28°47'45"	66.75	S10°01'02"W	129.30



NOTES:

1. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.
2. THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
3. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT THIS IDENTIFICATION MAY NOT BE REQUIRED, FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
4. THE ACCURACY OF THE APPARENT SETBACK DIMENSIONS FROM THE PROPERTY LINES TO THE IMPROVEMENTS IS WITHIN 1 FOOT OF BEING GREATER THAN OR LESS THAN THE DIMENSIONS SHOWN.
5. THE BEARINGS SHOWN HEREON ARE BASED ON THE MARYLAND COORDINATE SYSTEM NAD '83 (1991).
6. THE SUBJECT PROPERTY LIES WITHIN FLOOD ZONE "C" (AREAS OF MINIMAL FLOODING) AS SHOWN ON FLOOD INSURANCE RATE MAP NO.240044 0014B, DATED 12-4-86.

PROFESSIONAL CERTIFICATION:

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 239, EXPIRATION DATE 7/6/12.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I EITHER PERSONALLY PREPARED OR WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS DRAWING AND THE SURVEYING WORK REFLECTED IN IT, AND THAT IT IS IN COMPLIANCE WITH REQUIREMENTS SET FORTH IN REGULATION .12 OF CHAPTER 06, MINIMUM STANDARDS OF PRACTICE.



Planners  
Surveyors  
Engineers  
Landscape Architects

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Westminster, MD 21157  
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410.386.0564 (Fax)  
DDC@DDCinc.us  
www.DDCinc.us

LOCATION DRAWING / WALL CHECK  
15320 SWEETBAY STREET  
LOT 1  
BELLE HAVEN ESTATES  
PLAT No. 19949

ELECTION DIST. No.4

HOWARD COUNTY, MD

DDC JOB#:	06116.5
DATE:	06-11-2012
SCALE:	1"=50'
DRN. BY:	LJC
CHK. BY:	RBS