

LAYOUT 10/6/09 INSP 4 _____
INSP 2 10/9/09 INSP 5 _____
INSP 3 10/16/09 INSP 6 _____

ISSUE DATE: 9/22/2009

PERMIT

P 531903

APPROVAL DATE: 4/30/10

A ~~531903~~ 59207

**SAND-MOUND
ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
Tax ID # 04-371305**

Trinity Quality Homes IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 16327 Cattail River Drive PHONE NUMBER: (410) 313-8722

SUBDIVISION: The Chase at Stoney Brook LOT NUMBER: 7

ADDRESS: 16327 Cattail River Drive PROPERTY OWNER: Trinity Quality Homes
Woodbine, Maryland 21797

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

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

NUMBER OF BEDROOMS: 4

SIZE: 600 GPD Gravel bed 9 feet by 66.70 feet

LOCATION:	Sand mound to be installed, see <u>approved</u> plan for location and elevations . Note: Sand must meet Howard County Specifications. Subject to Approval
NOTES:	Sand mounds should be staked and heavy equipment should be kept off of location. Maintain a minimum 100 foot separation distance between Sand Mound System and well on neighboring property. SDA is to be fenced during building construction and grading. Layout inspection is required prior to the start of system installation

PLANS APPROVED: Dana Bernard DATE: 09/22/2009

NOTES: PERMIT VOID AFTER 2 YEARS

CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR 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 Separate for
As-Built

4/30/10 Had
installer remove
lateral end holes
on all turn-ups.
Head now 2'8" in
turn-ups. Alarm
working. (BB)

Sand Mound Specs

Basal Area = 600 ft^2
Mound Area = $4,100 \text{ ft}^2$

TRENCH/DRAINFIELD DATA
WIDTH _____ INLET _____ BOTTOM _____
NUMBER OF TRENCHES _____
TOTAL LENGTH _____
ABSORPTION AREA _____
DISTRIBUTION BOX LEVEL _____
DISTRIBUTION BOX BAFFLE _____
DISTRIBUTION BOX PORT _____

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
6" PORT LOC Rear
WATERTIGHT TEST _____
SLOTTED Yes

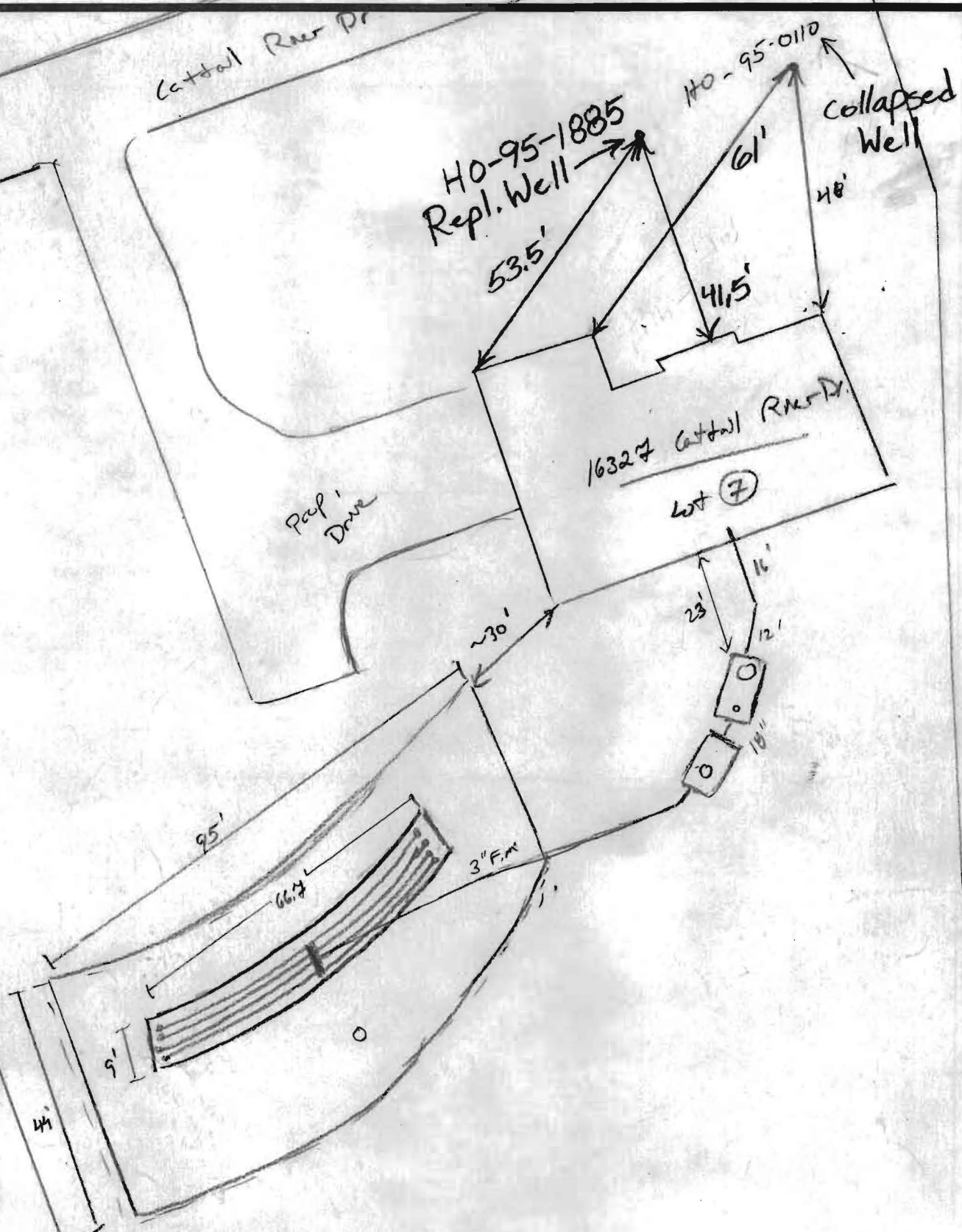
PUMP/SEPTIC TANK LEVEL Yes
MANUFACTURER Babylon
CAPACITY 1000 GAL
SEAM LOC Top
TANK LID DEPTH 2'
BAFFLES Front
BAFFLE FILTER _____
MANHOLE LOC Rear
6" PORT LOC None
WATERTIGHT TEST _____
SLOTTED No

PRE-CONSTRUCTION
10/6 mound (for slope)
adjusted to level contour
Bed adjusted same. will
wrap slightly. Contractor
can make wrap or 'V'

shaped (chevron mound). Sand on-site. All sand from Garrett, Frederick MD. 0
10/9/09 Gave OK to contractor to plow and lay sand. Site prep. confirmed
INSTALLATION: 10/16 (Rainy Day) Mound shaped, Bed cut out w/ grad.
no pipe work installed. Tanks set. OK to continue. (yes)
10/19 Gravel installed in bed. Bed level. Piping installed per plan
Tanks set w/ plumbing. Test of system performed. # of holes and
spacing and laterals OK. OK to cover laterals w/ grad, cap w/
loom on site and top soil. Will need final p/a but it appears
pump on system for final approval (KW)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 4/30/10
4/26/2010 Alarm working. Head in laterals only ~14". Suppose
to raise pump 6"-8" (BB) 4/27/10 Head 17" in turn-ups (BB)

NOT TO SCALE



MARYLAND STATE GRID MERIDIAN (NAD83/91)

Wall - Check

OK

Approved as Shown
9-22-09

6' PUBLIC DRAINAGE
& UTILITY EASEMENT

10' PUBLIC TREE
MAINTENANCE EASEMENT

CATTAIL RIVER DRIVE
(PUBLIC ACCESS PLACE)
40' RIGHT-OF-WAY

N65°20'18"W

210.42'

50' BRL

HO-95-0110 (W)

42.63'
S24°39'42"W

LOT 6

SEPTIC AREA

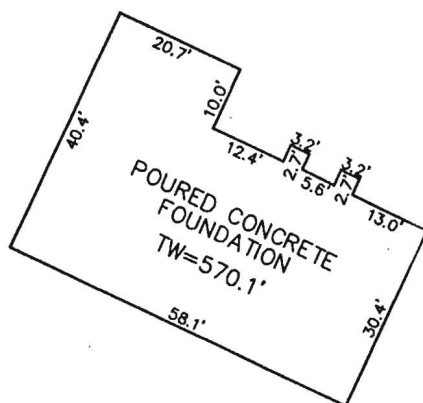
LOT 7
53,912 S.F.

SEPTIC AREA

LOT 8

SEPTIC AREA

30' BRL



DETAIL: 1"=30'

NON-BUILDABLE
PRESERVATION PARCEL "D"



I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE,
INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE
LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS
EXCEPT AS SHOWN.

Thomas M. Hoffman Jr.

9.18.09

THOMAS M. HOFFMAN JR., PROPERTY LINE SURVEYOR #267 DATE

16327 CATTAIL RIVER DRIVE
B.P.# B09001789

THIS WALL CHECK DRAWING CONTAINS A HORIZONTAL TOLERANCE IN
ACCURACY OF 0.1' AND A VERTICAL TOLERANCE IN ACCURACY OF 0.2'

SCALE 1"=50'	DATE 09/16/09	ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLCOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	WALL CHECK DRAWING LOT 7 THE CHASE AT STONEY BROOK PLAT No. 18648 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY A.M.S.	CHECKED BY T.M.H.		
PLAT NUMBER 18644-18649	JOB NUMBER 06-034.00		