

LAYOUT 12/8/2011 INSP 4 12/14/2011
 INSP 2 12/13/2011 INSP 5 12/15/2011
 INSP 3 12/13/2011 INSP 6 _____

ISSUE DATE: 6-18-12

PERMIT

P 53734

APPROVAL DATE: 1/5/2012

A _____

Tax ID # 05-408989

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

Castle Rock Builders IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: Koandah Gardens LOT NUMBER: 14

ADDRESS: 1318 Isle of Man Way PROPERTY OWNER: Zhijian Pan and DongHong Goa

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 6 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: >3500 Trenches 3' Wide

LINEAR FEET OF TRENCH REQUIRED: 232' 311' Inlet + 4.5'
Bottom 5.5'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade with 3.0 feet of stone below distribution pipe.
LOCATION:	Place d box and tank per plan. Add cleanout between house and septic tank. Run 3 x 77' trenches on contour.
NOTES:	Do not 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: Heidi Scott DATE: 8/15/11

- 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 As-Built Drawing
On Separate Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM
3' 4.5' 5.5'

NUMBER OF TRENCHES 5'

TOTAL LENGTH 311'

ABSORPTION AREA 933 ?

DISTRIBUTION BOX LEVEL Levelers

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER Maryland Precast

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 2.5'-3'

BAFFLES Yes

BAFFLE FILTER No

MANHOLE LOC Front + Rear

6" PORT LOC None

WATERTIGHT TEST No

SLOTTED Yes

DATE ON LID 11/28/2009

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:

12/8/2011 Have installer O.K. to set tank. Will lay out trenches next week. Do not know if perc test notes are for this lot. Will have contractor dig at least one perc test hole. (BB) 12/13/2011 Perc test hole dug at top of easement. Clay loams down to ~7.5' and water bit 10.5'. (BB)

12/13/2011 (PM) Dug four more shallow perc test holes in upper part of easement. Clay loams down to 4.5' in area closer to middle of easement. Made trenches shallower and increased bottom area. Laid out five 60+'

trenches. Tank set. Easement staked by septic contractor. Water tables in area may be higher because of large new pond next door. (BB) 12/14/2011 Working on trenches. Material does seem to get better as you move towards the middle and southern part of the easement. (BB) 12/15/2011 Trenches and system finished except for house connection. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 1/5/2012

1/5/2012 House connection made. (BB)

