

LAYOUT 9/20/10 INSP 4 11/12/10
 INSP 2 9/23/10 INSP 5 _____
 INSP 3 9/24/10 INSP 6 _____

ISSUE DATE: 9-14-10
11/12/10
~~9-21-10~~
 APPROVAL DATE: _____

PERMIT

P 534025
 A 516084

Tax ID # 03-345114
ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

Hatfields Equipment IS PERMITTED TO INSTALL ALTER
 ADDRESS: P.O. Box 519 Annapolis Junction PHONE NUMBER: 301-854-6172
 SUBDIVISION: Riverwood LOT NUMBER: 8
 ADDRESS: 11028 Hunters View PROPERTY OWNER: Winchester Homes
 SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED
 PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED
 NUMBER OF BEDROOMS: 3 APPLICATION RATE: 0.8
 SQUARE FOOTAGE OF HOUSE: Unkwn 3.5"-5.5"
 LINEAR FEET OF TRENCH REQUIRED: 155 2-75' Trenches

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 4.0 feet below original grade with 2.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank per layout inspection. Set distribution box at the highest point of septic easement per layout inspection. Install 155 feet of trench on contour per layout inspection.
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: Dana Bernard DATE: 7/21/10

- 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

See As-Built Drawing
On Separate Sheet

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3.5'	5.5'
NUMBER OF TRENCHES		2'
TOTAL LENGTH		150'
ABSORPTION AREA		450+Sidewalk
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2,000 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5' to 3'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes

PUMP/SEPTIC TANK LEVEL Yes

MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2.3' to 5'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	None
WATERTIGHT TEST	NO
SLOTTED	NO

PRE-CONSTRUCTION

9/20/2010 Layout
done. (BB)

INSTALLATION: 9/23/2010 House connection made. Tank set. Pump line run to dist. box. (BB) 9/24/2010 System finished. O.K. to backfill. Need pump and alarm test. (BB)

11/12/10 P/A test OK.

FINAL INSPECTOR

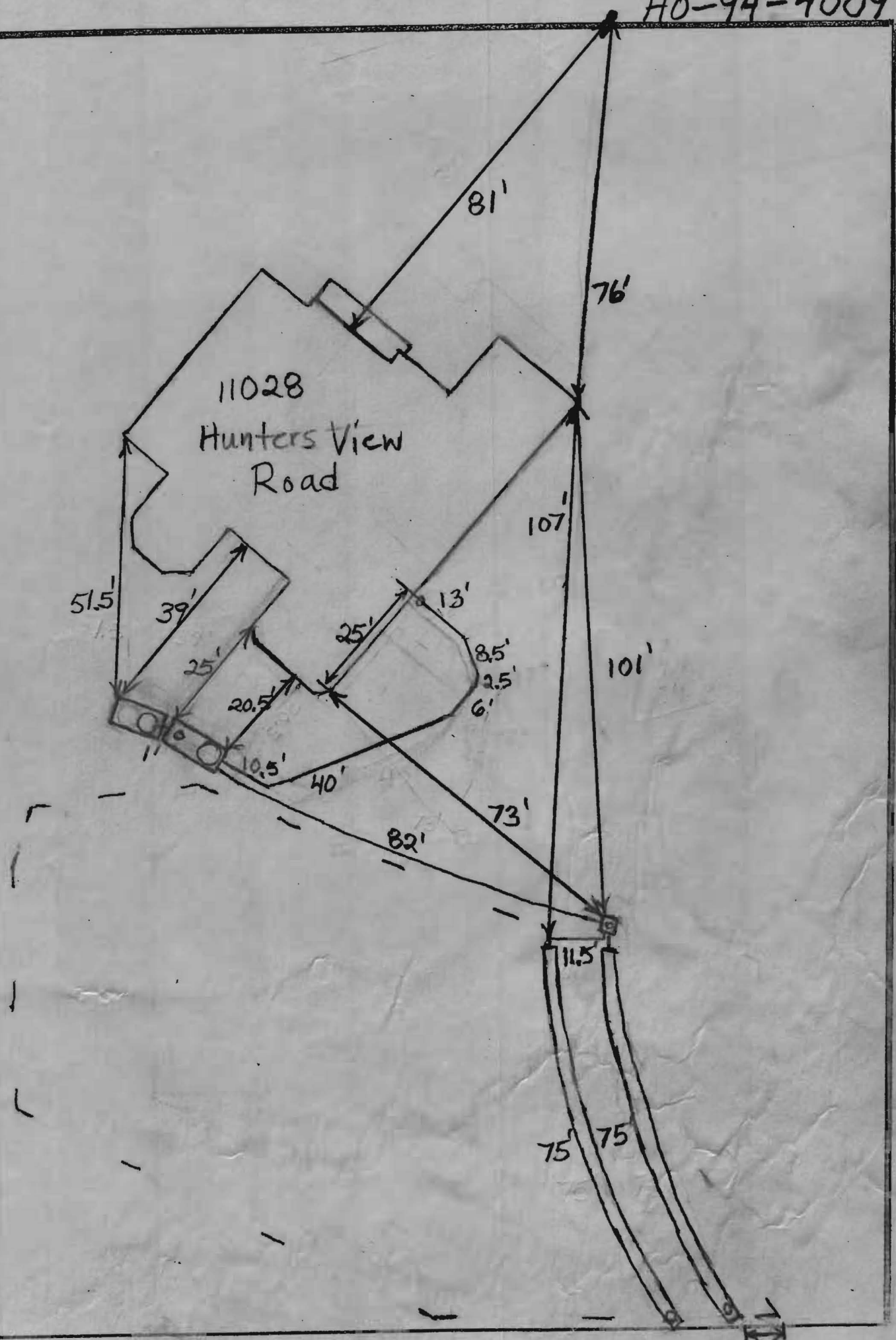
K. Wolf

DATE OF APPROVAL

11/12/10

HO-94-4009

NOT TO SCALE



NON-BUILDABLE
PRESERVATION PARCEL V

S82°14'01"E 264.48'

10' BRL

N07°35'01"E 177.45'

30' BRL

31.7'

SEE DETAIL

50' BRL

52.9'

78.16'

S03°30'53"W



LOT 7

LOT 8

WELL
#HO-94-4009

S26°18'11"E

147.38'

S84°59'17"E 141.22'

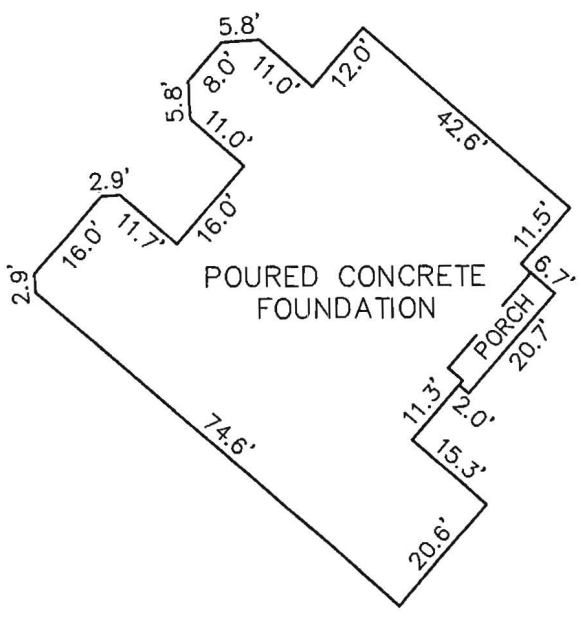
10' BRL

LOT 56 - CSL

37.1'

10' BRL

N67°21'32"W 212.52'



FOUNDATION DETAIL
SCALE: 1" = 30'

*Wall check OK
9-14-10
DB*

LOT 9

N26°18'11"W

EX. 24' PRIVATE USE-IN-COMMON
ACCESS EASEMENT FOR LOTS 6-8

EX. PRIVATE REFUSE AND
RECYCLE COLLECTION PAD
EASEMENT FOR LOTS 6-8

EX. 10' PUBLIC TREE
MAINT. EASEMENT

EX. 6' PUBLIC DRAINAGE
& UTILITY EASEMENT

N07°18'32"E 207.20'

S07°18'32"W 209.62'

S82°41'28"E 8.00'

HUNTERS VIEW ROAD
EX. PUBLIC ACCESS STREET
(50' R/W)

SURVEYOR'S CERTIFICATE

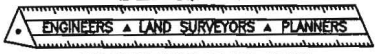
I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 09/08/10.

Donald A. Mason
DONALD A. MASON
PROFESSIONAL LAND SURVEYOR
MD REG. No. 21320
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
FEMA FIRM No. 240044 0027 B
ZONE: C
DATED: 12/04/86



TOP OF FOUNDATION WALL ELEVATION - 451.4'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

BENCHMARK



8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLCOTT CITY, MARYLAND 21043
phone: 410-465-6105 ▲ fax: 410-465-6644
www.bei-civilengineering.com

WALL CHECK
RIVERWOOD
PHASE 1
PLAT No. 18036
LOT No. 8

11028 HUNTERS VIEW ROAD

3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 09/08/10

FIELD OBS. BY DH&AIS
COMP. BY EWF
DRAWN BY EWF