

LAYOUT 6/24/11 INSP 4 _____
INSP 2 6/27/11 INSP 5 _____
INSP 3 6/28/11 INSP 6 _____

ISSUE DATE: 6-7-11

PERMIT

P 535237

APPROVAL DATE: 8/12/2011

A _____

Tax ID # 03-345262

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

Hatfield's Equipment IS PERMITTED TO INSTALL ALTER

ADDRESS: P.O. Box 519 Annapolis Jet MD 20701 PHONE NUMBER: 410-984-2047

SUBDIVISION: Riverwood II LOT NUMBER: 21

ADDRESS: 12068 Open Run Road PROPERTY OWNER: Winchester Homes

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: 6,902

LINEAR FEET OF TRENCH REQUIRED: 143' 67' + 76'

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 6.0 feet below original grade with 5.0 feet of stone below distribution pipe.
LOCATION:	Run 3x48' trenches on contour. Set d-box per plan.
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: 4/22/11

- 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
2'	3'	8'
NUMBER OF TRENCHES 2		
TOTAL LENGTH 149'		
ABSORPTION AREA 298		
DISTRIBUTION BOX LEVEL Yes		
DISTRIBUTION BOX BAFFLE ?		
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	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	5-20-11

PUMP SEPTIC TANK LEVEL Yes

MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	no
DATE ON LID	None

PRE-CONSTRUCTION:

6/24/2011 Install an upper 67' trench and a lower 76' trench on contour across the highest part of the easement. Keep the tanks out of the swale but near where shown on the B.P. plan. (BB)

INSTALLATION: 6/27/11 (12:30) Arrived on-site Tanks just being set. one load of stone on-site. S/H installed. F.m. being installed. (BB)

6/28/11 - Force main connected to D. box and trenches + ?

8/12/2011 Pump and alarm working. (BB)

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

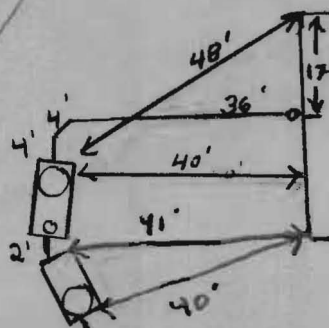
8/12/2011

HO-94-4053

~120'

~175

12068
Open Run
Road



45'

45'6"

129'6"

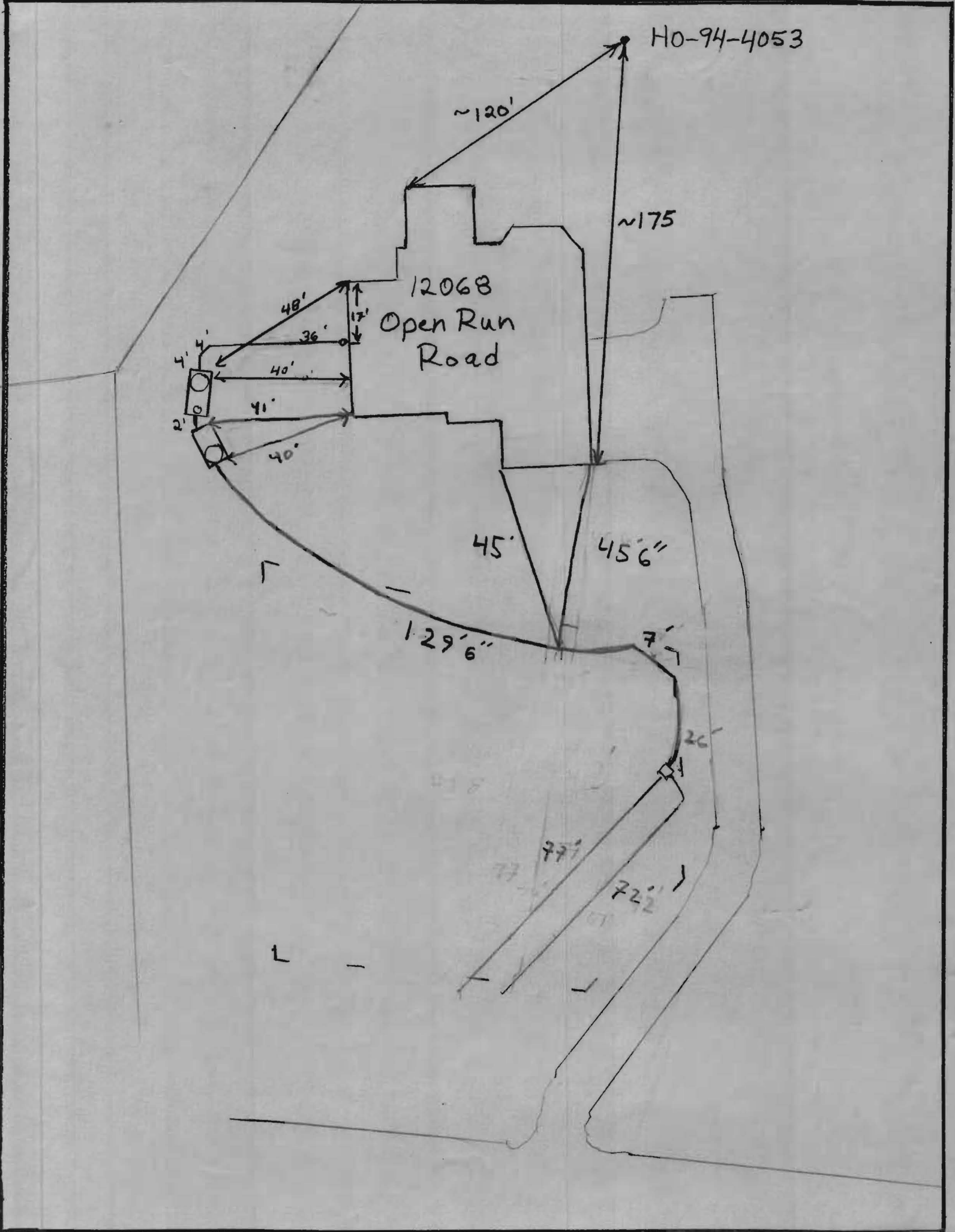
7'7"

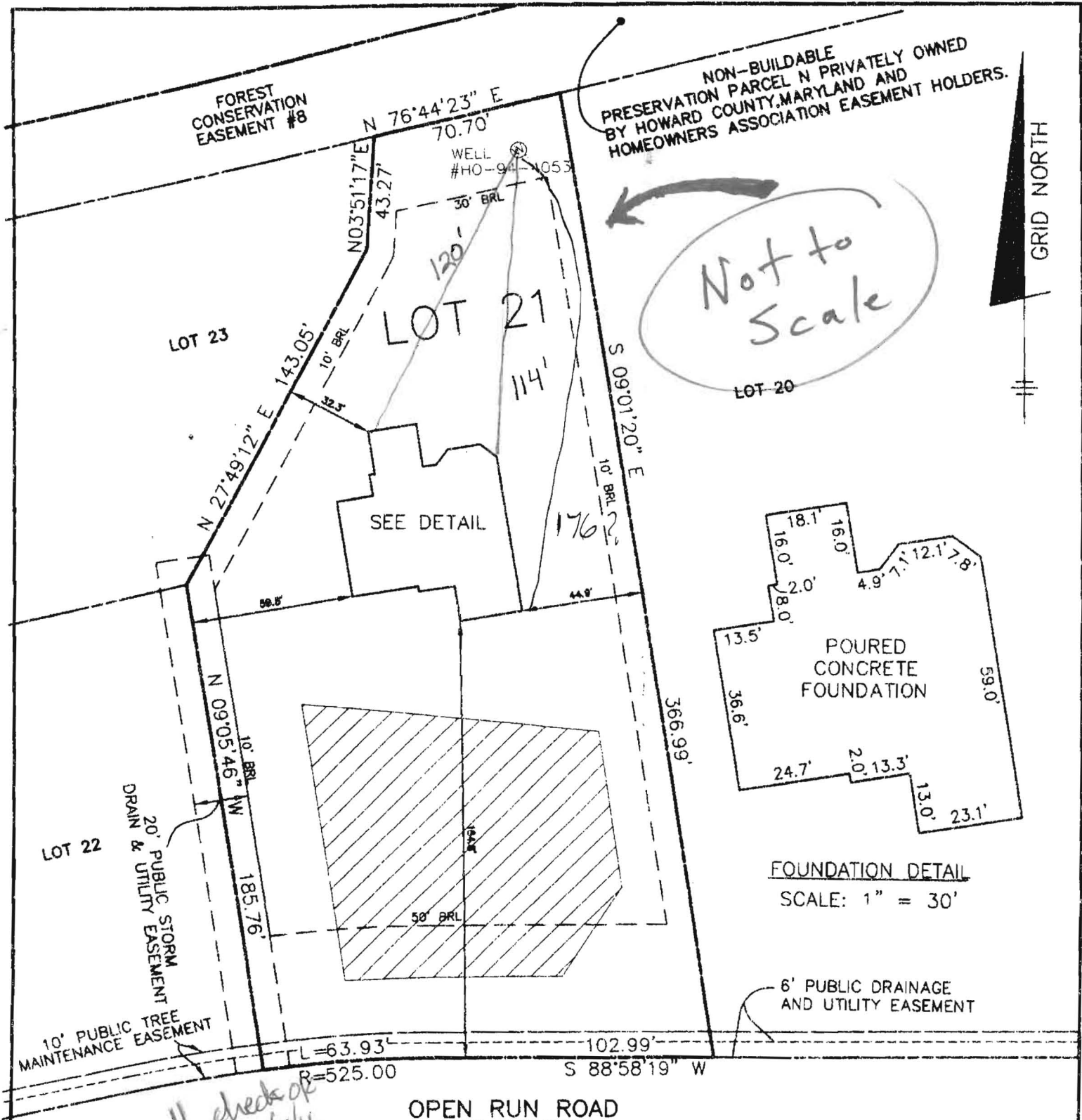
26'

77'

722'

L





SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN THEREON ARE CORRECT; THAT THEY ARE BASED UPON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 05/27/11.

DONALD A. MASON
 PROFESSIONAL LAND SURVEYOR No. 21320
 MD REG. No. 21320
 FOR BENCHMARK ENGINEERING, INC.
 MD REG. No. 351

FEMA FIRM No. 240044 0027 C
 ZONE: X
 DATED: 4/02/97



8480 BALTIMORE NATIONAL PIKE & SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 phone: 410-465-8105 & fax: 410-465-6644
 www.bei-civilengineering.com

P:\1950 RIVERWOOD HSES\dwg\8588821.dwg, wallcheck, 5/31/2011 10:21:16
 \CENTRAL\kyocera CS-3050 KX

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

TOP OF FOUNDATION WALL ELEVATION = 422.5'
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

WALL CHECK
 RIVERWOOD
 PHASE I
 PLAT No. 18038
 LOT No. 21

12068 OPEN RUN ROAD

3RD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 05/27/11