

LAYOUT 7/14/08 INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 7/10/08

P 529480

APPROVAL DATE: 7/15/08

A 517904

# PERMIT

TAX ID # 04370813

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

K & K Excavating IS PERMITTED TO INSTALL  ALTER

ADDRESS: PO Box 280, Lisbon, MD PHONE NUMBER: 410-242-1336

SUBDIVISION: Clarks Meadow LOT NUMBER: 2

ADDRESS: 14412 Meadow Mill Way PROPERTY OWNER: Selfridge Builders

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

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED: 103

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	
NOTES:	Basement will not sewer by gravity flow. Layout inspection required prior to installation. Install system per plan

PLANS APPROVED: Heidi Scott DATE: 5/2/08

- 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 UNLESS SPECIFICALLY AUTHORIZED

**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 sheet for A-Butts

ROAD

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES 1		
TOTAL LENGTH 105		
ABSORPTION AREA 315' x SW		
<del>DISTRIBUTION BOX LEVEL</del>		
<del>DISTRIBUTION BOX BAFFLE</del>		
<del>DISTRIBUTION BOX PORT</del>		

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL Yes

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 2.5'

BAFFLES Yes

BAFFLE FILTER -

MANHOLE LOC Front

6" PORT LOC Rear

WATERTIGHT TEST -

SEPTIC TANK 2 LEVEL

CAPACITY GAL

SEAM LOC

TANK LID DEPTH

BAFFLES

BAFFLE FILTER

MANHOLE LOC

6" PORT LOC

WATERTIGHT TEST

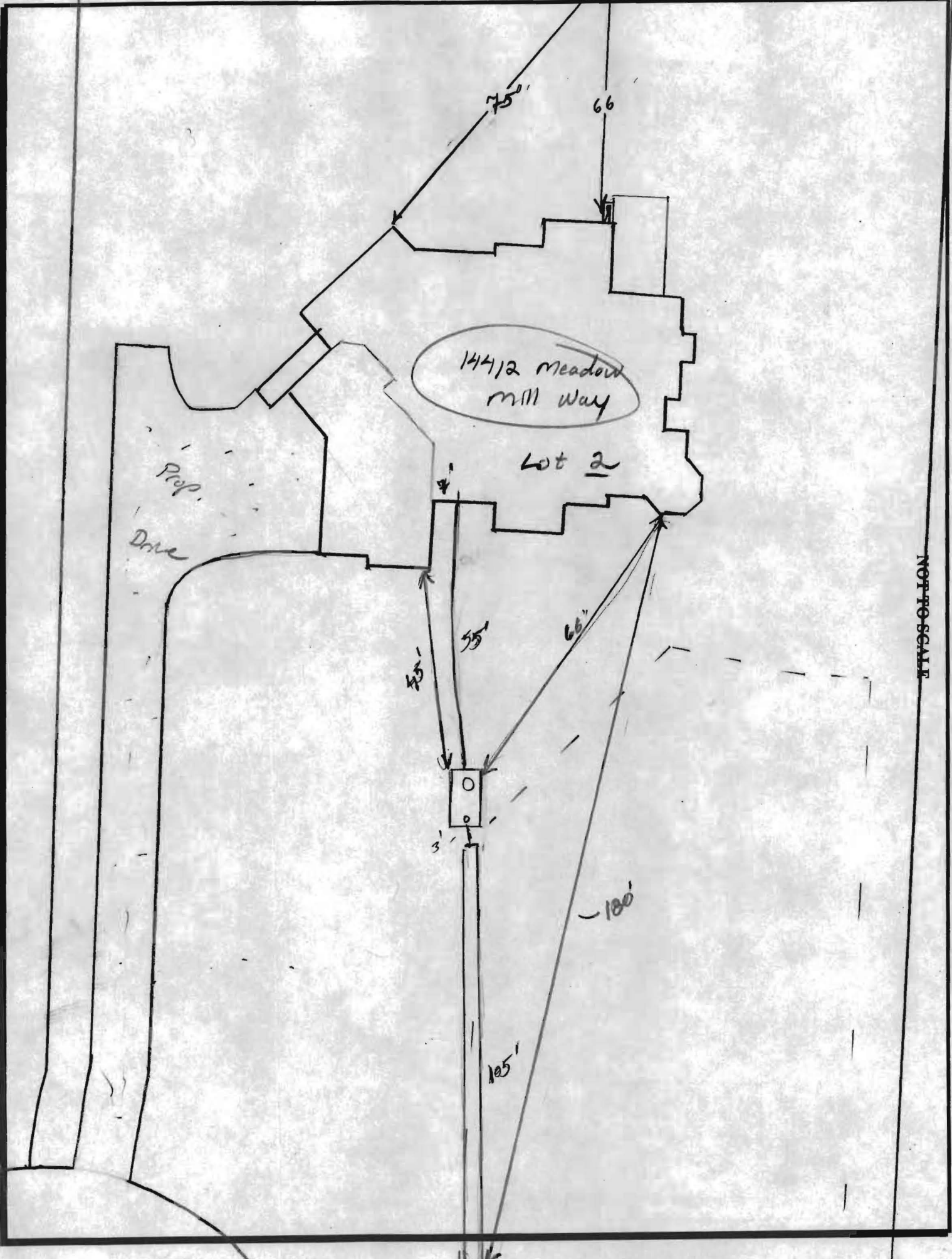
Babylon

PRE-CONSTRUCTION 7/14/08 Install system according to BP plan. Install 1 x 103' trench top stake to bottom stake, or uniform

INSTALLATION well GPS'd. Call for final map (K4)

7/15/08 system installed as instructed. No Dbox installed which is OK. only 1 trench installed. OK to backfill (K4)

FINAL INSPECTOR R. Wall DATE OF APPROVAL 7/15/08



NOT TO SCALE

14412 Meadow Mill Way

Lot 2

Prop. Drive

105'

100'

3'

75'

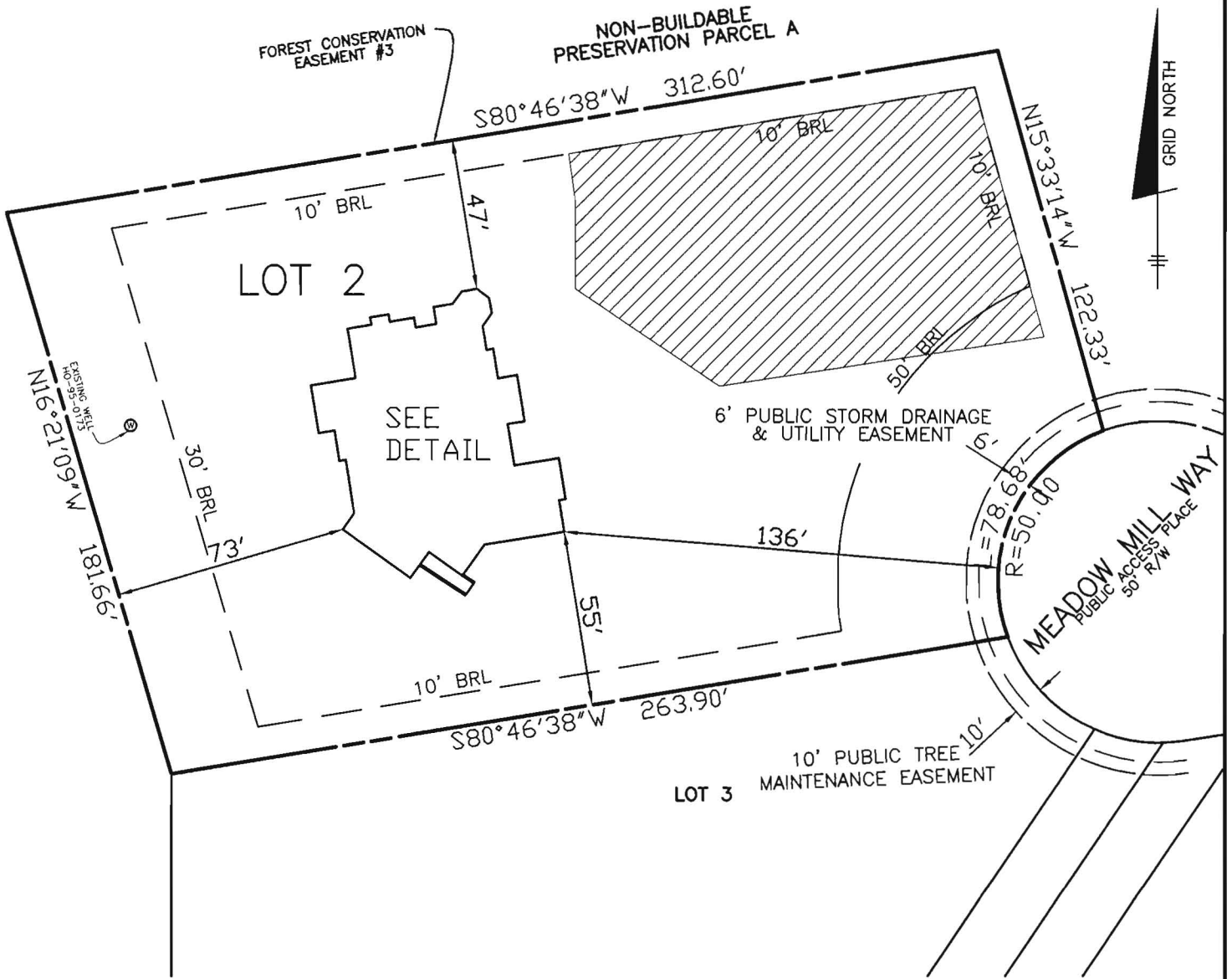
55'

66'

4'

66'

75'



*will check ok  
7/10/08  
EP*

TOP OF FOUNDATION WALL ELEVATION = 546.7'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

**SURVEYOR'S CERTIFICATE**

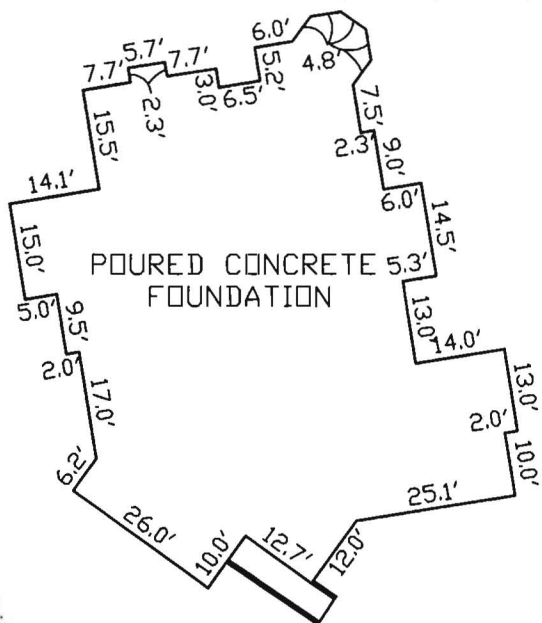
I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 06/09/08.

*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 0020 B  
ZONE: C  
DATED: 12/04/86



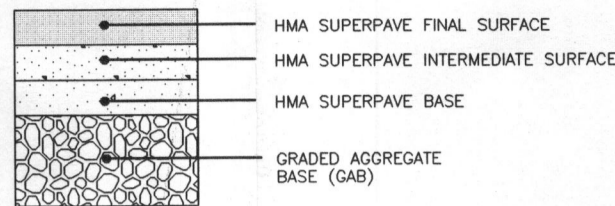
**BENCHMARK**  
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
ENGINEERING, INC.  
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
phone: 410-465-6105 ▲ fax: 410-465-6644  
www.bei-civilengineering.com



**WALL CHECK**  
**CLARKS MEADOW**  
**LOTS 1-26**  
**PLAT No.18483**  
**LOT No. 2**

14412 MEADOW MILL WAY

FIELD OBS. BY DAM  
COMP. BY EWF  
DRAWN BY EWF  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' DATE: 06/09/08

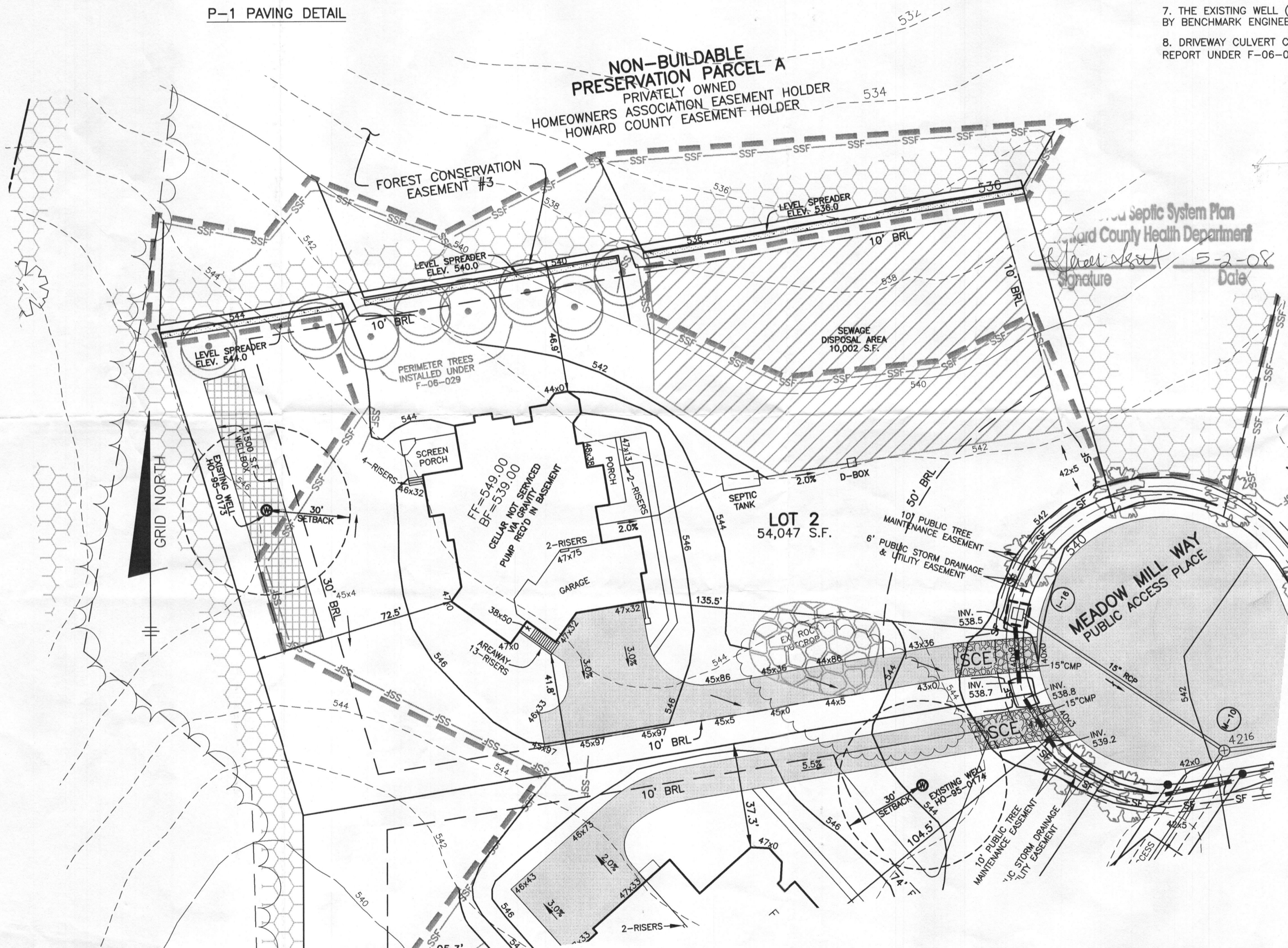


SECTION NUMBER	ROAD AND STREET CLASSIFICATION	CALIFORNIA BEARING RATIO (CBR)			CALIFORNIA BEARING RATIO (CBR)			
		3 TO <5	5 TO <7	≥7	3 TO <5	5 TO <7	≥7	
P-1	PARKING BAYS: RESIDENTIAL AND NON-RESIDENTIAL PARKING DRIVE AISLES: RESIDENTIAL AND NON-RESIDENTIAL WITH NO MORE THAN 2 HEAVY TRUCKS PER DAY	PAVEMENT MATERIAL (INCHES)						
		HMA SUPERPAVE FINAL SURFACE 9.5 MM PG 64-22, LEVEL 1 (ESAL)	1.5	1.5	1.5	1.5	1.5	1.5
		HMA SUPERPAVE INTERMEDIATE SURFACE (NA)	NA	NA	NA	NA	NA	NA
		HMA SUPERPAVE BASE 19.0 MM PG 64-22, LEVEL 1 (ESAL)	2.0	2.0	2.0	3.5	3.0	2.5
		GRADED AGGREGATE BASE						
		8.5	7.0	5.0	4.0	4.0	4.0	

P-1 PAVING DETAIL

**NOTES:**

- THE LOT SHOWN HEREON WAS RECORDED ON AUGUST 15, 2006 AS PLAT NUMBER 18483. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
- SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
- SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER F-06-029 AND GP-07-017 AND SHALL COMPLY WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- STORMWATER MANAGEMENT FOR THIS LOT WAS PROVIDED UNDER F-06-029.
- THE EXISTING WELL (TAG NO. HO-95-0173) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. ON APRIL 9, 2007 AND IS ACCURATELY SHOWN.
- DRIVEWAY CULVERT COMPUTATIONS WERE PROVIDED AND APPROVED IN THE STORM DRAIN REPORT UNDER F-06-029. THE CULVERT SHALL BE 15" CMP OR ELLIPTICAL EQUIVALENT.



Septic System Plan  
 Howard County Health Department  
 Signature: [Signature]  
 Date: 5-2-08

INV. AT HOUSE	540.1
GRD. AT INV. AT HOUSE	542.0
INV. IN TANK	539.1
INV. OUT TANK	538.8
TOP OF TANK	540.1
GROUND OVER TANK	542.0
INV. IN DIST. BOX	538.2
INV. OUT DIST. BOX	538.0
GROUND AT BOX	542.0

**LEGEND**

- EXISTING CONTOURS ESTABLISHED UNDER F-06-029
- FIELD SURVEYED WELL LOCATION
- STREET TREES INSTALLED UNDER F-06-029
- PERIMETER LANDSCAPE TREES INSTALLED UNDER F-06-029
- STABILIZED CONSTRUCTION ENTRANCE INSTALLED UNDER GP-07-017
- SUPER SILT FENCE INSTALLED UNDER F-06-029
- SILT FENCE INSTALLED UNDER GP-07-017
- LIMIT OF DISTURBANCE UNDER F-05-029
- EXISTING FOREST CONSERVATION EASEMENT

<b>BENCHMARK</b> ENGINEERS • LAND SURVEYORS • PLANNERS <b>ENGINEERING, INC.</b> 8480 BALTIMORE NATIONAL PIKE & SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6844 www.bel-civilengineering.com	<b>CLARKS MEADOW PLOT PLAN LOT 2</b>	
	MEADOW MILL WAY TAX MAP 21, GRID 17 - PARCEL 227 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
BUILDER: SELFRIDGE BUILDERS, INC. 4781 TEN OAKS ROAD DAYTON, MARYLAND 21036 410-531-8930	<b>HARRISON RESIDENCE</b>	
DATE: APRIL 8, 2008 SCALE: 1" = 30'	PROJECT NO. 1978 DRAWING 1 OF 1	