

LAYOUT 8/11/08 INSP 4 _____
 INSP 2 _____ INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 8/5/08

APPROVAL DATE: 8/19/08

PERMIT

(logged in)

P 529509

A 515042

TAX ID # 05443237

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

Fogles Septic Clean Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Homewood Crossing LOT NUMBER: 60

ADDRESS: 11279 Independence Way PROPERTY OWNER: Toll MD III LP

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

*Trench 2' wide
2x 72'*

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: 103 143'

TRENCHES:	Trench to be ^{2'-0} 30 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	
NOTES:	Layout inspection required prior to installation. Install system per plan unless otherwise directed by HCHD.

PLANS APPROVED: Heidi Scott DATE: 3/18/08

- 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 Abs. Build*

ROAD

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
<u>2'</u>	<u>4'</u>	<u>8'</u>
NUMBER OF TRENCHES		<u>2</u>
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL <u>Level 6</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	<u>Yes</u>
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>1.5'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>—</u>
MANHOLE LOC	<u>Front/Rear</u>
6" PORT LOC	<u>None</u>
WATERTIGHT TEST	<u>—</u>
SEPTIC TANK 2 LEVEL	_____
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION 8/11/08 Contractor to set Dbox top middle of SRA and install 2x 42' trenches on contour running towards lot 59. Must keep S.T. out of fill area and maintain min. 3' of earth cover over tank. (KW)

8/19/08 System complete. Everything installed per layout. OK to cover. (KW)

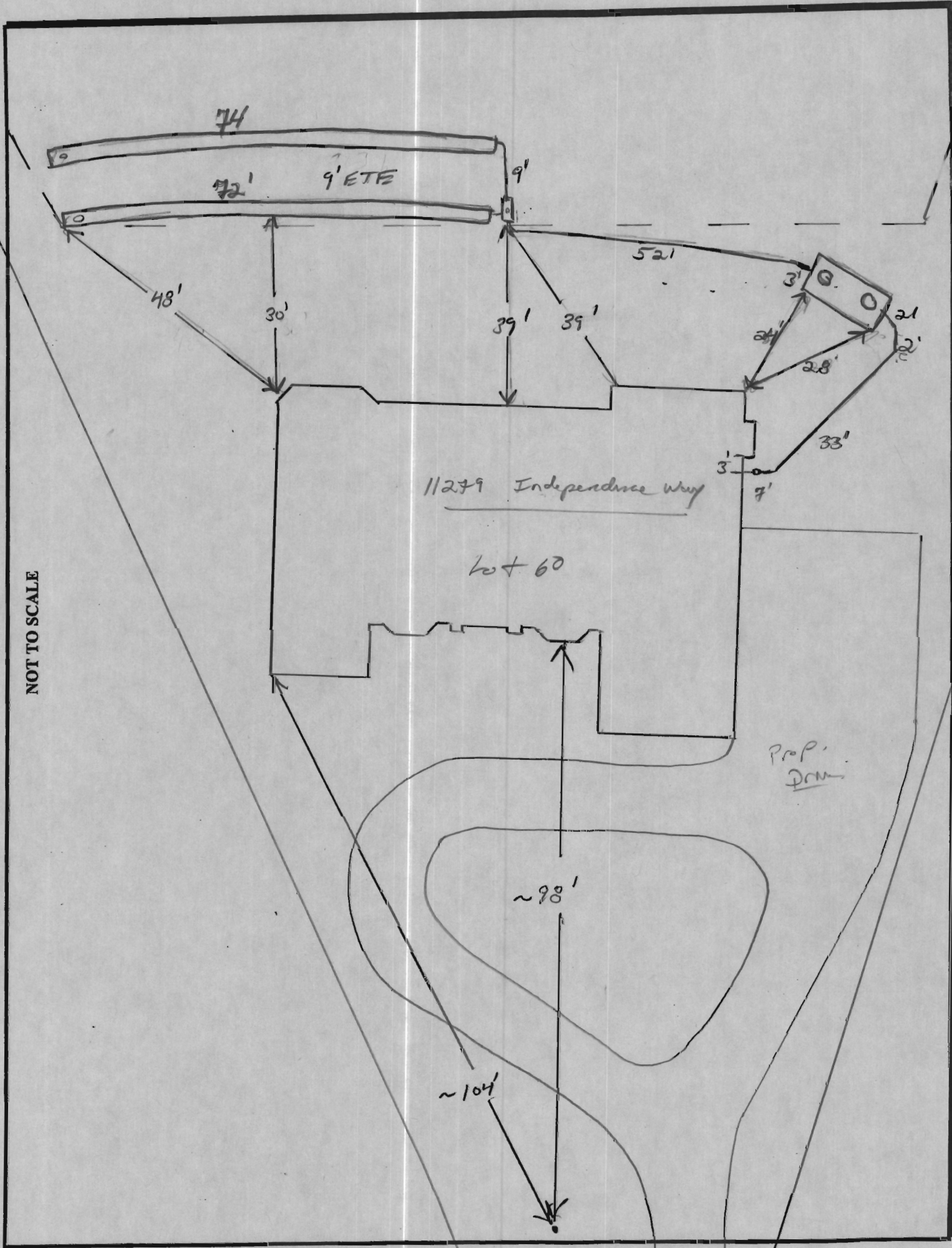
FINAL INSPECTOR

K. Wall

DATE OF APPROVAL

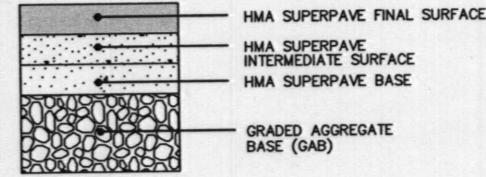
8/19/08

NOT TO SCALE



HO-95-1235

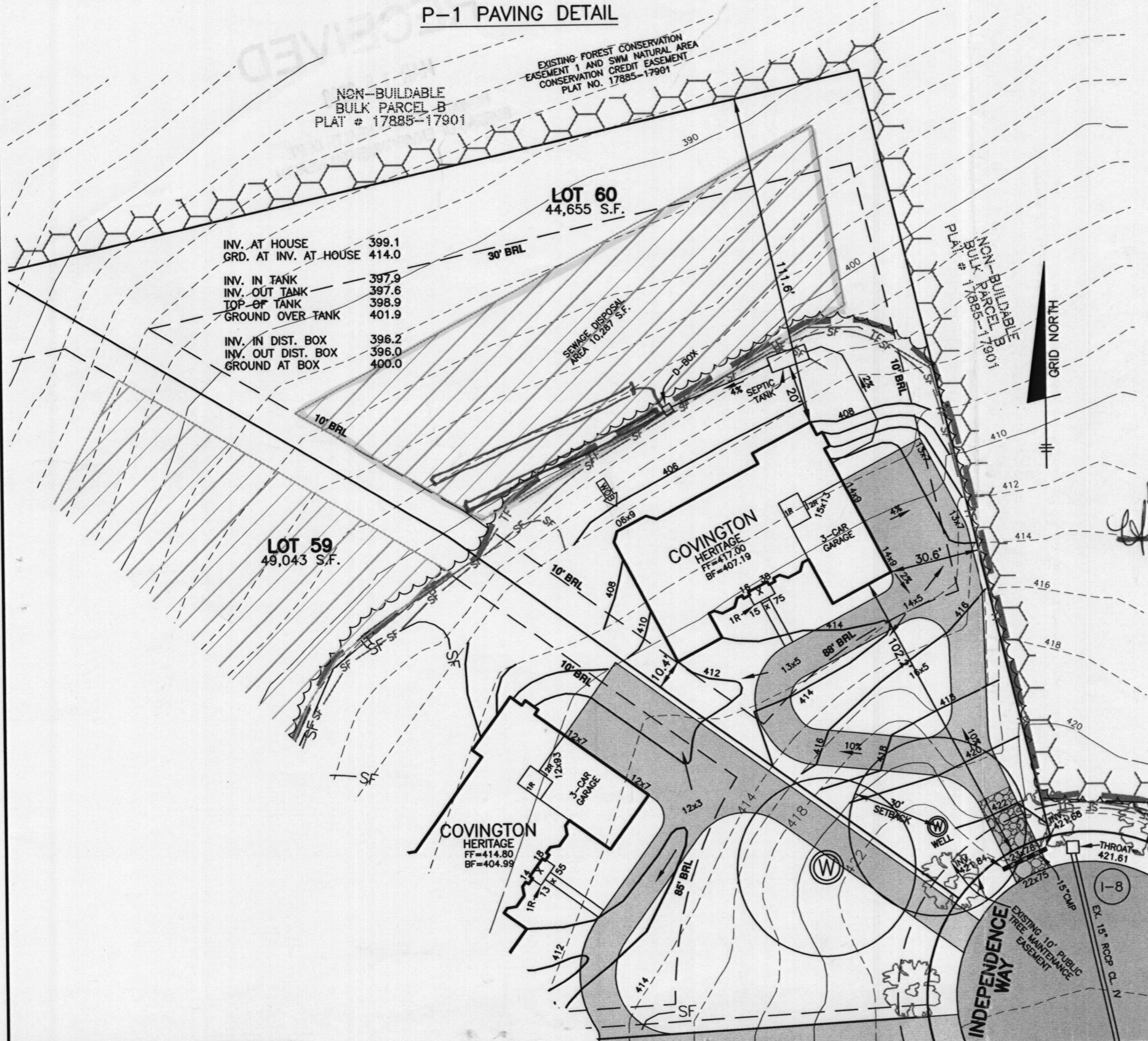
SECTION NUMBER	ROAD AND STREET CLASSIFICATION	CALIFORNIA BEARING RATIO (CBR)			CALIFORNIA BEARING RATIO (CBR)				
		3 TO <5	5 TO <7	≥7	3 TO <5	5 TO <7	≥7		
P-1	PARKING BAYS: RESIDENTIAL AND NON-RESIDENTIAL PARKING DRIVE AISLES: RESIDENTIAL AND NON-RESIDENTIAL WITH NO MORE THAN 2 HEAVY TRUCKS PER DAY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



NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON MAY 2, 2006 AS PLAT NUMBER 18244. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE 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.
3. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
4. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
5. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER F-05-069 AND GP-07-067 AND SHALL COMPLY WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
6. STORMWATER MANAGEMENT FOR THIS LOT WAS PROVIDED UNDER F-05-069.
7. THE EXISTING WELL (TAG NO. H0-) SHOWN ON THIS PLAN HAS BEEN FIELD AND IS ACCURATELY SHOWN.
8. DRIVEWAY CULVERT COMPUTATIONS HAVE BEEN PROVIDED WITH THIS BUILDING PERMIT PLOT PLAN. THE CULVERT SHALL BE 15" CMP OR ELLIPTICAL EQUIVALENT.

P-1 PAVING DETAIL



INV. AT HOUSE	399.1
GRD. AT INV. AT HOUSE	414.0
INV. IN TANK	397.9
INV. OUT TANK	397.6
TOP OF TANK	398.9
GROUND OVER TANK	401.9
INV. IN DIST. BOX	396.2
INV. OUT DIST. BOX	396.0
GROUND AT BOX	400.0

Approved Septic System Plan
Howard County Health Department
Shirley J. Smith 3-28-08
Signature Date

LEGEND

- EXISTING CONTOURS ESTABLISHED UNDER F-05-069
- FIELD SURVEYED WELL LOCATION
- STREET TREES INSTALLED UNDER F-05-069
- INDICATES WALK-OUT BASEMENT LOCATION
- STABILIZED CONSTRUCTION ENTRANCE INSTALLED UNDER GP-07-067
- SUPER SILT FENCE INSTALLED UNDER F-05-069
- SUPER SILT FENCE INSTALLED UNDER GP-07-067
- SILT FENCE INSTALLED UNDER F-05-069
- LIMIT OF DISTURBANCE UNDER F-05-069
- EARTH DIKE UNDER F-05-069

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

BUILDER: TOLL MD III LIMITED PARTNERSHIP
7164 COLUMBIA GATEWAY DRIVE
SUITE 230
COLUMBIA, MARYLAND 21046
410-872-9105

HOMEWOOD CROSSING
LOT 60

INDEPENDENCE WAY
TAX MAP 29, GRID 9 - PARCEL 28
3rd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

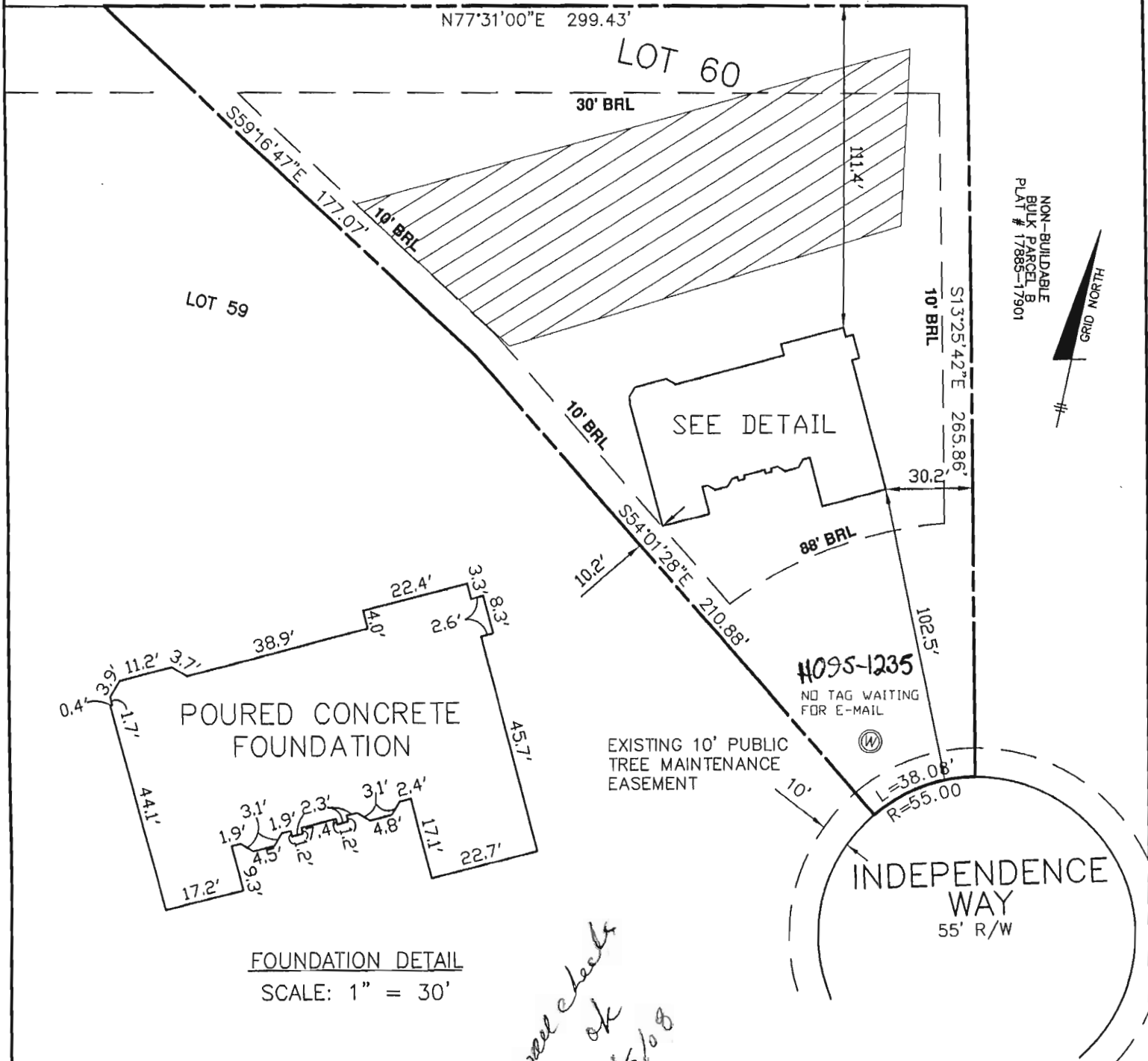
COVINGTON
HERITAGE ELEVATION

DATE:	NOVEMBER 19, 2007	PROJECT NO.	1913
SCALE:	1" = 40'	DRAWING	1 OF 1

Non-Buildable
Bulk Parcel 'B'
"BENEDICT FARM"
Lots 1 Thru 43,
Non-Buildable Preservation Parcel 'A'
And Non-Buildable Bulk Parcels 'B' thru 'J'

NON-BUILDABLE
BULK PARCEL B
PLAT # 17885-17901

EXISTING FOREST CONSERVATION
EASEMENT 1 AND SWM NATURAL AREA
CONSERVATION CREDIT EASEMENT
PLAT NO. 17885-17901



FOUNDATION DETAIL
SCALE: 1" = 30'

*wall check
ok
8/5/08*

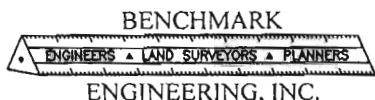
SURVEYOR'S CERTIFICATE

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 04/07/08.

TOP OF FOUNDATION WALL ELEVATION = 415.9'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.2'

Stephan 4/9/08

STEPHAN JALON
PROFESSIONAL LAND SURVEYOR
MD REG. No. 10726
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
FEMA FIRM No. 240044 0027 B
ZONE: C
DATED: 12/04/86



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

WALL CHECK
HOMEWOOD CROSSING
PHASE-2
PLAT No. 18244
LOT No. 60
11279 INDEPENDENCE WAY

3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FIELD OBS. BY PJ
COMP. BY EWF
DRAWN BY EWF
SCALE: 1" = 50' DATE: 04/07/08