

LAYOUT 1/11/07 INSP 4 \_\_\_\_\_  
 INSP 2 1/16/07 INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 1/16/07  
 APPROVAL DATE: 1/16/07

**PERMIT**  
 INDEXED  
 TAX ID # 05-441498

P 526175  
 A 515042 - 9

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

Fogles Septic Clean IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: 410-795-5670

SUBDIVISION: Homewood Crossing LOT NUMBER: 19

ADDRESS: 11535 Fox River Drive PROPERTY OWNER: Toll MD II LP

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 170

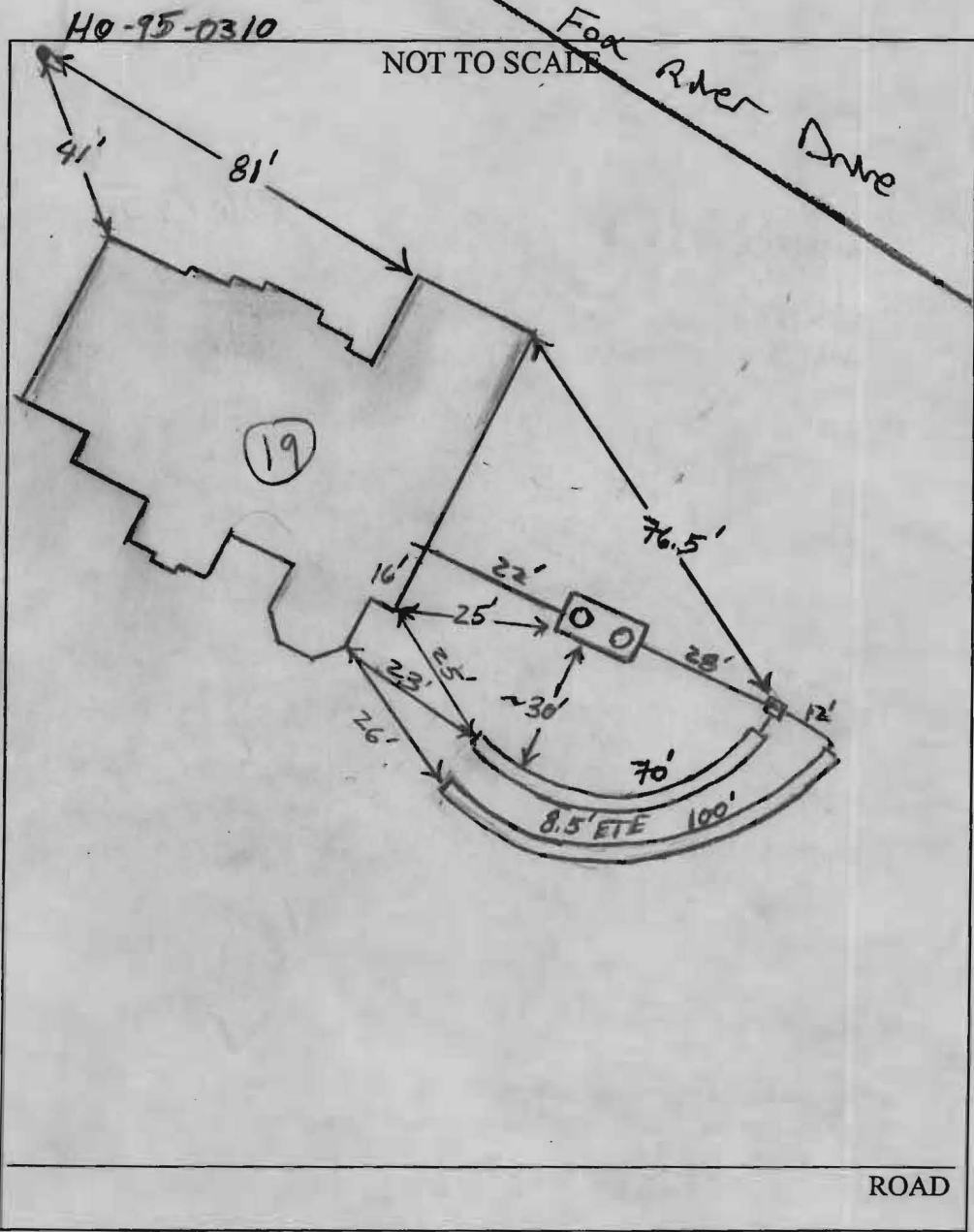
TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 6.5 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Recheck topo in field; may be easier to run 4 - 45' length trenches with D Box @ top center SDA.
NOTES:	Basement gravity service not proposed

PLANS APPROVED: Kacie Noonan DATE: 06/23/2006

- 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 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

E/5042-9



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		170'
ABSORPTION AREA		510' + SW
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	E/R
6" PORT LOC	—
WATERTIGHT TEST	—
<del>SEPTIC TANK 2 LEVEL</del>	
<del>CAPACITY</del>	<del>_____ GAL</del>
<del>SEAM LOC</del>	<del>_____</del>
<del>TANK LID DEPTH</del>	<del>_____</del>
<del>BAFFLES</del>	<del>_____</del>
<del>BAFFLE FILTER</del>	<del>_____</del>
<del>MANHOLE LOC</del>	<del>_____</del>
<del>6" PORT LOC</del>	<del>_____</del>
<del>WATERTIGHT TEST</del>	<del>_____</del>

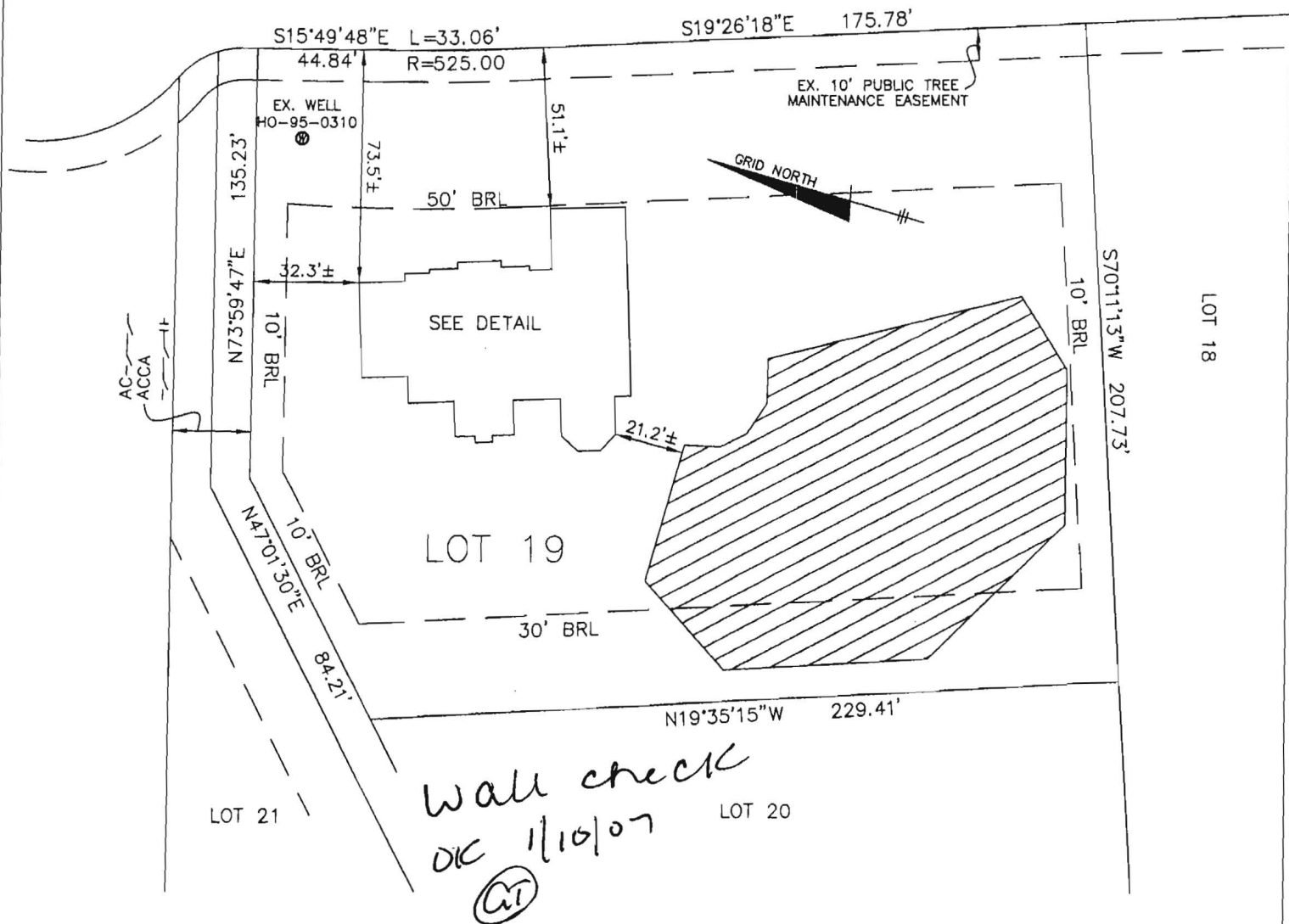
PRE-CONSTRUCTION 1/11/07 Set Tank and Box per plan. Run a 70' trench on wrapping extensively on contour. Then

INSTALLATION 9' separation below that, run a 100' trench same contour to tanking 170' (KW). 1/12/07 Tank set per plan. (KW)

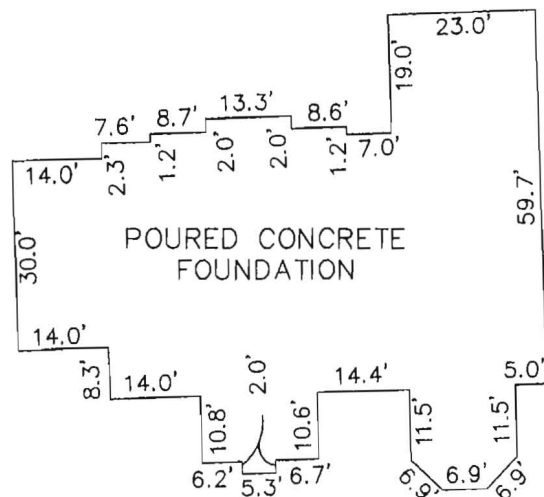
1/16/07 System installed per installation. A 70' trench and a 100' trench was installed on contour. Due to the extreme bands in drain pipe, each 10' section was jointed w/ a 22" band coupling. System ok to backfill (KW)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 1/18/07

FOX RIVER DRIVE  
PUBLIC ACCESS STREET  
50' R/W - 24' PVMT



FIRST FLOOR = 379.5'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'



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 12-27-2006

*12/29/06 S. Jalon*

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

FOUNDATION DETAIL

SCALE: 1" = 30'

WALL CHECK



HOMWOOD CROSSING  
LOTS 1 THRU 43  
PLAT No. 17891  
LOT No. 19

11535 FOX RIVER DRIVE

3RD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 12/27/06

**BENCHMARK**  
ENGINEERS • LAND SURVEYORS • PLANNERS  
**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE A SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
phone: 410-465-6105 • fax: 410-465-0944

FIELD OBS. BY PJ  
COMP. BY DH  
DRAWN BY DH