

LAYOUT 10/17/05 INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 10/13/2005

P 523486

APPROVAL DATE: 11/8/05

A 513567-P

PERMIT
INDEXED

TAX ID #03-342093

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

K & K Excavating IS PERMITTED TO INSTALL ALTER

ADDRESS: 15882 Frederick Road PHONE NUMBER: 410-442-1336

SUBDIVISION: Fox Meadow LOT NUMBER: 4

ADDRESS: 2860 Pfefferkorn Road PROPERTY OWNER: Northridge Dev., LLC

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

PUMP CHAMBER CAPACITY (GALLONS) n/a COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 171 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Be sure to stay 100' from the well with the septic tank.
NOTES:	No downhill adjustment to SDA without wet season testing.

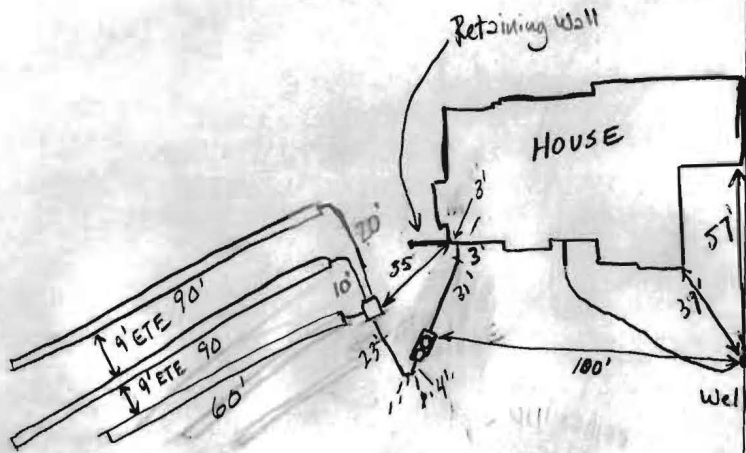
PLANS APPROVED: Steven R. Krieg Reviewed by: KJB DATE: 8/3/05

NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**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
ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

001076

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2.5	4.5
NUMBER OF TRENCHES	3	
TOTAL LENGTH	240'	
ABSORPTION AREA	720	
DISTRIBUTION BOX LEVEL	yes	
DISTRIBUTION BOX BAFFLE	yes	
DISTRIBUTION BOX PORT	No	

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'-2'
BAFFLES	4
BAFFLE FILTER	No
MANHOLE LOC	Inlet
6" PORT LOC	Outlet
WATERTIGHT TEST	N/A
SEPTIC TANK 2 LEVEL	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	

PRE-CONSTRUCTION 10/17/05 Layout. ~~OK~~ OK to move Dist. Box location
 Downhill to head of first trench per plan. 1st trench 60' and 2x90'
 INSTALLATION Keep Septic Tank 100' from well. (GAC)
10/18/05 Trenches done No Septic Tank OK to cover. (GAC)
11/8/05 Septic Tank & House Connection Done ok to Backfill (GAC)

FINAL INSPECTOR Debra A. Lightner DATE OF APPROVAL 11/8/05

GRID NORTH

PFEFFERKORN ROAD
50' R/W

L=277.56'
R=1325.00'

N72°10'26"E
46.93'

WELL
HO-94-3791

72.2±

50' BRL

201.89'

N76°00'00"E

SEE DETAIL

116.3±

LOT 3

225.00'

11.0±

10' BRL

LOT 4

30' BRL

129.51'

S40°00'00"E

HDA OWNERSHIP
HDA OPEN SPACE
PRIVATE STORMWATER MANAGEMENT,
DRAINAGE AND UTILITY EASEMENT

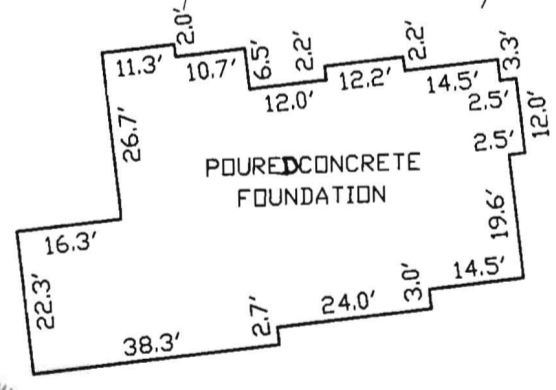
10/13/05
OK
PLAN
TO
SCALE
> 30' to
well,
> 20' to SDA

TOP OF FOUNDATION WALL ELEVATION = 549.2'
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 09/15/05; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY DAFT, McCUNE, WALKER, INC. ENTITLED "FOX MEADOW LOTS 1 THROUGH 12, 14 THROUGH 17", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 16865

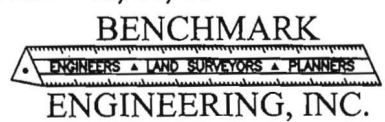
David Harris
DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
RECORD PLAT No. 16865
FEMA FIRM No. 240044 0015 B
ZONE: C
DATED: 12/04/86



~FOUNDATION DETAIL~
SCALE: 1" = 30'

WALL CHECK
FOX MEADOW
LOTS 1 THROUGH 12, 14
THROUGH 17, H.O.A. OPEN SPACE
LOTS 13 AND 18

LOT No. 4
2960 PFEFFERKORN ROAD
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 09/15/05



BENCHMARK
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE • SUITE 418
ELLIOTT CITY, MARYLAND 21043
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email: Benchmark@ceia.com

