

LAYOUT _____ INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 11/9/12
APPROVAL DATE: 11/12/13 *(KRW)*

PERMIT

P 538129
A _____

Tax ID # 04-370910

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

Hatfields Equipment IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: Clarks Meadow LOT NUMBER: 11

ADDRESS: 3927 Clarks Meadow Drive PROPERTY OWNER: Douglas Homes Inc.

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: 7371' *Trenches 3' Wide*

LINEAR FEET OF TRENCH REQUIRED: 210' 165' *Inlet 4.5'*
Bottom 6.5' 70' + 85'

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade with 3.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank and pump tank per approved plot plan. Set distribution box ~72 feet from east corner of septic reserve. Install 3x70' feet trenches on contour in upper septic reserve area.
NOTES:	Force main must be fusible HDPE or ductile iron encased in concrete when within 50' of a well or any approved alt. well box locations. *Property line for lot 11 must be marked by licensed surveyor prior to installation of force main. 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: Robert Bricker *rb 11/9/12* DATE: 4/18/11

- 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**

NOT TO SCALE

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

3 4.5 6.5

NUMBER OF TRENCHES 2

TOTAL LENGTH

ABSORPTION AREA

DISTRIBUTION BOX LEVEL Yes

DISTRIBUTION BOX BAFFLE 90° elbow

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 1.5'-2.5'

BAFFLES Yes

BAFFLE FILTER No

MANHOLE LOC Front

6" PORT LOC Rear

WATERTIGHT TEST No

SLOTTED Yes

DATE ON LID Dry 2013

PUMP/SEPTIC TANK LEVEL Yes

MANUFACTURER Babylon

CAPACITY 1500 GAL

SEAM LOC Top

TANK LID DEPTH 1.5'-2.5'

BAFFLES Front

BAFFLE FILTER No

MANHOLE LOC Rear

6" PORT LOC None

WATERTIGHT TEST No

SLOTTED No

DATE ON LID 12/9/2012

See as-built drawing on separate sheet

ROAD NAME

PRE-CONSTRUCTION:

2/19/2013 Place the dist. box at the top middle of the septic easement and install an upper 70' trench and lower 85' trench on contour towards the southeast. I install the tanks behind the house and 100' from all wells

INSTALLATION: 2/21/2012 Tanks set. House connection made (BB)

2/22/2013 Trenches complete. Just finishing up w/ 2" F.M. A little more than 400' HDPE used. Need pump and alarm test for final approval (KW) 11/12/13 Pump and alarm test approved.

FINAL INSPECTOR

K. Wolf

DATE OF APPROVAL

11/12/13

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
	<p>RE: 8" - diameter Observation Pipes observed on Lots 9, 10 & 11 Clarke Meadow subdivision</p>
3/12/08	<p>The 8 inch - diameter Observation Pipe on Clarke's Meadow <u>Lot 9</u> has been removed. The location where the pipe protruded from the ground is now a shallow depression of packed soil with a ridge of loose soil around it. This location will be dug up for the foundation of the planned residence</p>
XX	<p>The Observation Pipes on <u>Lots 10 & 11</u> remain As on Lot 9, these Observation Pipes must be abandoned prior to Building Permit approval on the respective lots.</p>
	<p>Robert Buehler</p>
	<p>Observations pipe abandoned (4/1/11) & document received (4/10/2011). Building Permit approved (4/10/11). B10003495</p>

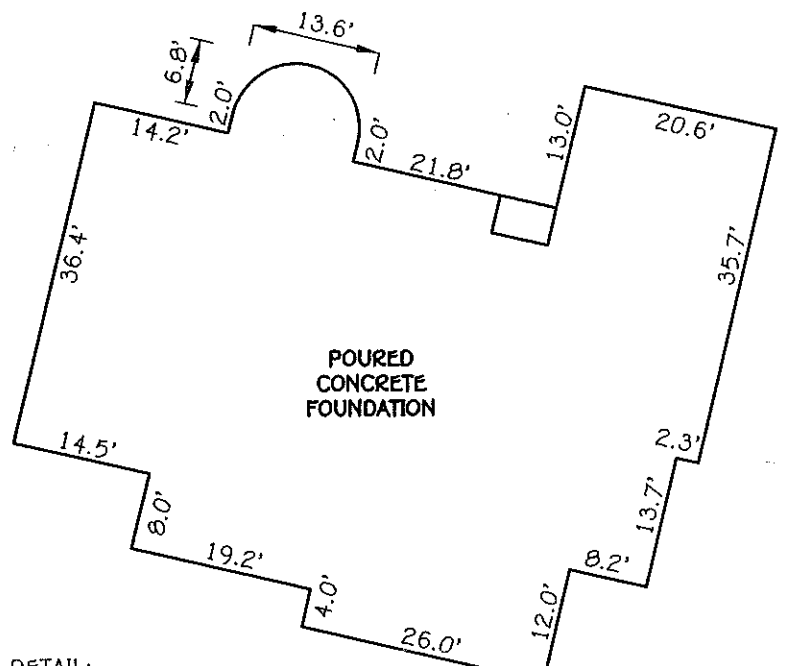
GENERAL NOTES:

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INSOFAR AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440020B EFFECTIVE DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 0.3'(+)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-0192 HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- 6) PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 10763.
- 7) BUILDING PERMIT NUMBER B-10003995

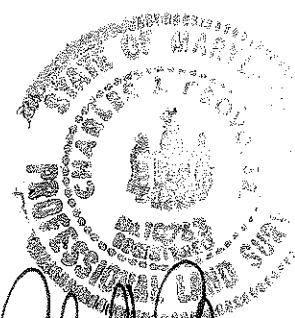
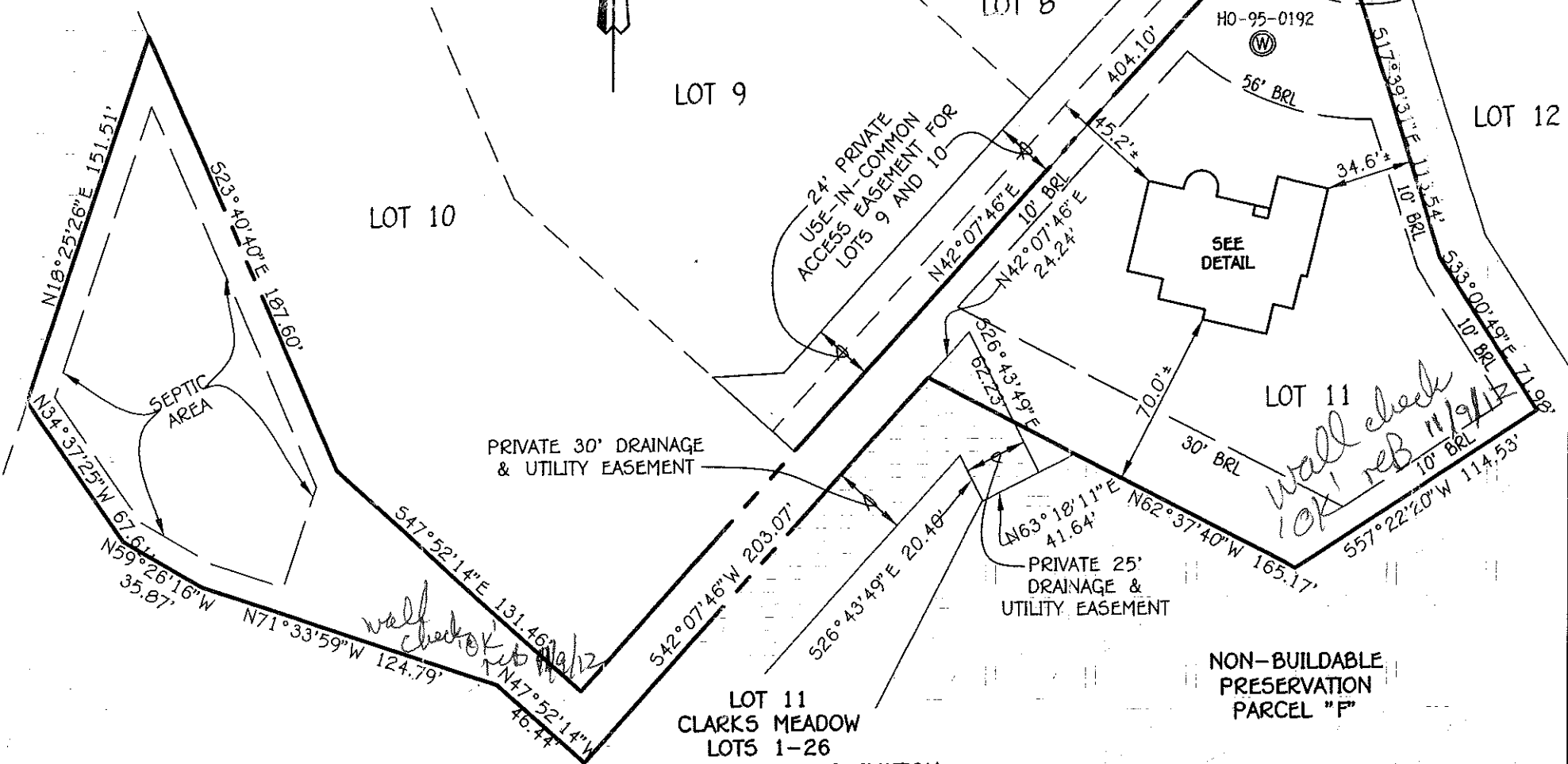
CLARKS MEADOW DRIVE

6' PUBLIC STORM DRAINAGE & UTILITY EASEMENT
 40' R/W
 PUBLIC ACCESS PLACE

10' PUBLIC TREE MAINTENANCE EASEMENT



DETAIL:
 1"=20'



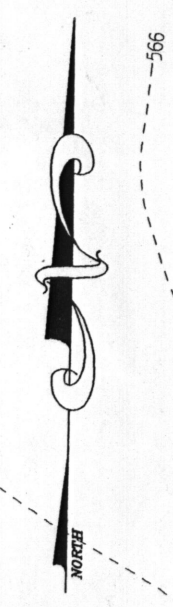
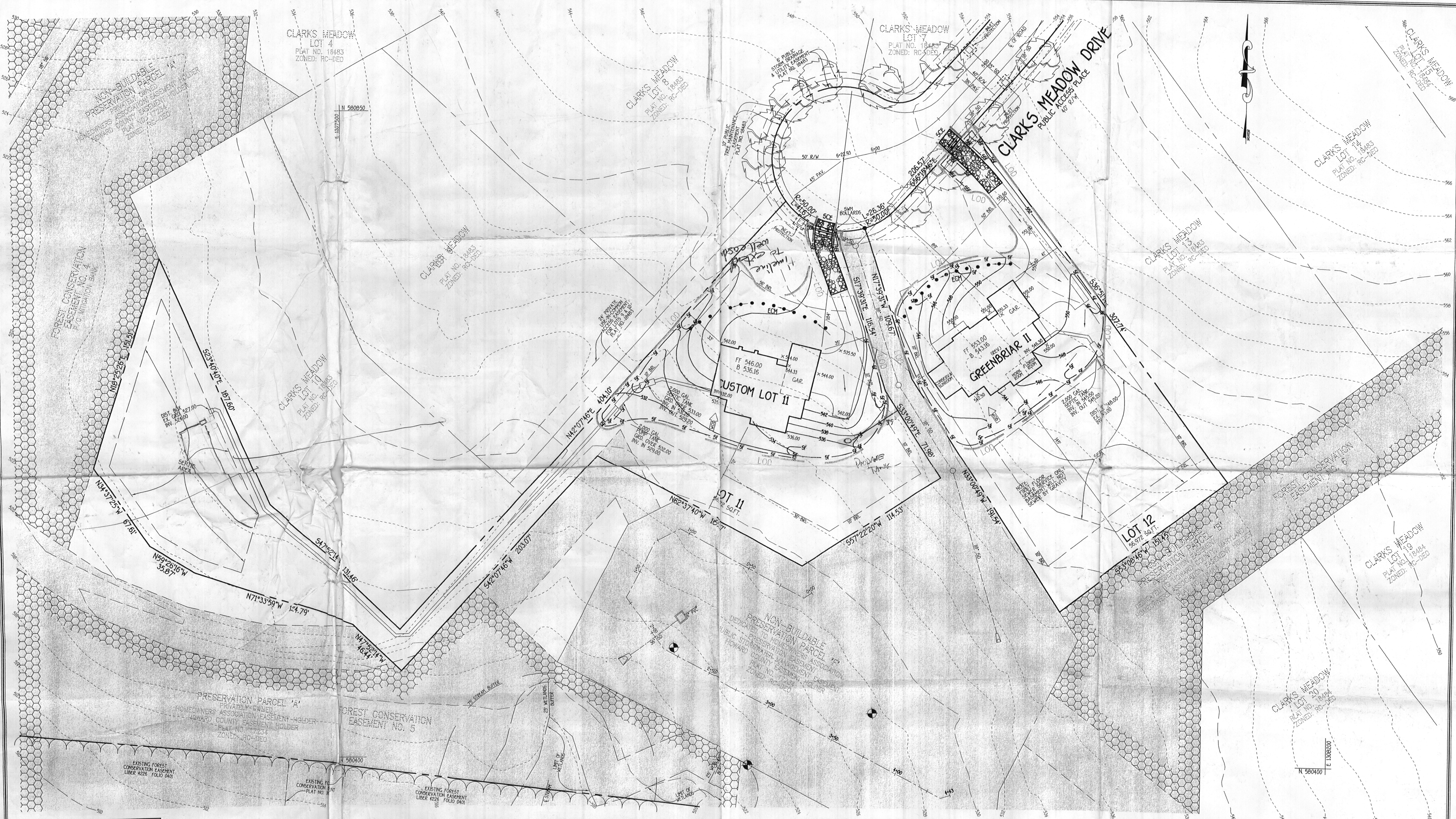
[Signature]
 PROFESSIONAL LAND SURVEYOR
 REG. # 10763
 8/23/12
 DATE

FOUNDATION LOCATION: 8/22/12
 FINAL LOCATION: _____
 BOUNDARY SURVEY: _____
 SCALE: 1"=60'
 DATE: 8/23/12
 DRAWN BY: JMP
 CHECKED BY: MLR
 PROJECT No.: 06006-6001

LOT 11
 CLARKS MEADOW
 LOTS 1-26
 NON-BUILDABLE PRESERVATION
 PARCELS 'A'-'G'
 FOREST MITIGATION BANK
 (A RESUBDIVISION OF CLARKS
 WOODS 1, LOT 4, PLAT NO. 14203)
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 PLAT #18482-18484

#3927 CLARKS MEADOW DRIVE
 B.R.L.= BUILDING RESTRICTION LINE
 TOP OF FOUNDATION ELEV.= 545.2'±

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE.
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2855



LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
- - - -	PROPOSED CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
-56' - 56'	SUPER SILT FENCE
•	EROSION CONTROL MATTING
LOD	LIMITS OF DISTURBANCE

OWNER/BUILDER/DEVELOPER

DOUGLAS HOMES
P.O. BOX 628
ELLCOTT CITY, MARYLAND 21041
410-750-0522

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

THIS DEVELOPMENT IS APPROVED FOR SOSSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: _____ DATE _____

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 53, EXPIRATION DATE IS 2/28/12.

SIGNATURE OF DEVELOPER CARL CRUZHAN DATE _____

EARL D. COLLINS DATE _____

EARL D. COLLINS DATE _____

SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN
CLARK'S MEADOW
LOTS 1, 11, 12, 14, 25 & 26
ZONED: RC-DEO PLAT NO: 18483 & 18484
TAX MAP NO: 21 PARCEL NO: 227 GRID NO: 17
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: NOVEMBER, 2010

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 3072 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461-2895