

HOWARD COUNTY
PERMIT APPLICATION

PERMIT NUMBER

000158865

Building Address 8657 Reservoir Road

Fallin MD 20759

Suite/Apt. #: PLAT #4699

Census Tract 605102 Subdivision LILIENTFIELD

Section 2 Area 4699 Lot 1

Tax Map 45 Parcel 21 Grid 11

Zoning RR-D-2 Map Coordinates 1807 Lot size 302

Existing Use Primary Residence SFH

Proposed Use Primary Residence New SFH

Estimated Construction Cost \$ 240,000

Description of Work New Custom Side Family Home

Shed 4 1/2 bath unfinished B/W/RT

Wing wrap around porch

Occupant or Tenant Owner

Contact Name TED Lubin

Address 8657 Reservoir Road

City Fallin State MD Zip Code 20759

Phone 410 340 4144 Fax

Property Owner's Name TED Lubin

Address 8657 Reservoir Rd

City Fallin State MD Zip Code 20759

Home Phone 410 340 4144 Work Phone 301 438 6338

Applicant's Name & Mailing Address, (if other than stated hereon):

Phone 410 340 4144 Fax

Contractor Company OWNER

Contact Person

Address

City _____ State _____ Zip Code _____

License No. _____

Phone _____ Fax _____

Engineer or Architect Company _____

Contact Person

Address

City _____ State _____ Zip Code _____

Phone _____ Fax _____

BUILDING DESCRIPTION - COMMERCIAL

Building Characteristics	Utilities
Height:	Water Supply: _____ Public _____ Private _____
No. of stories:	Sewage Disposal: _____ Public _____ Private _____
Gross area, sq. ft. per floor:	Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group:	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
Construction type: _____ Reinforced Concrete _____ Structural Steel _____ Masonry _____ Wood Frame _____ State Certified Modular _____	Sprinkler system: N/A <input type="checkbox"/> Full _____ Partial _____ Other Suppression _____ # of Heads _____

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics	Utilities
SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____	Water Supply: _____ Public _____ Private <input checked="" type="checkbox"/>
1st floor:	Sewage Disposal: _____ Public _____ Private <input checked="" type="checkbox"/>
2nd floor:	Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Basement:	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input checked="" type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/> No. of Bedrooms: _____ Height: _____ Multi-family dwellings: _____ No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____	Sprinkler system: N/A <input type="checkbox"/> NFPA #13D _____ NFPA #13R _____ Other: _____
Other Structure: _____ Dimensions: _____ Footings: _____ Roof Height: _____ State Certified Modular _____ Manufactured Home _____	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS THE OWNER OF THE PROPERTY DESCRIBED IN THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH MAY APPLY TO THE PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER THE PROPERTY AT ANY TIME FOR THE PURPOSES OF INSPECTION.

Ap

Lubio
857 Reservoir Rd
Fulton MD
20759

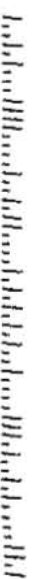
SOUTHERN MD 207

07 JUN 2007 1994 4 T



Howard County Health Department
Attn. Stewart Oster
7178 Columbia Gateway Drive
Columbia, MD,
21046

21046+2581



To: Stewart Oster (410)-313-2640
Health Department (Howard County MD)
7178 Columbia Gateway Drive, Columbia, MD. 21046

From: Ted Lubis (410) 340-4144
Home owner 8657 Reservoir Road

Date: May 31, 2007

Subject: Request for the Health Department to supply the required information allowing me to obtain a permit for removing the original house at 8657 Reservoir Road Fulton, MD 20759.

Last year I obtained a building permit allowing me to build a new house on my property Located at 8657 Reservoir Road with the agreement that I would remove the original house after the new house construction was finished. I have now completed the new house and would like to remove the original house.

I am requesting for the Health Department to supply the required information needed to obtain a permit for removal of the original house.

Ted Lubis Owner and Builder
8657 Reservoir Road
Fulton MD. 20759
Phone 410-340-4144
Plat NO. 4699 LOT1 Section 2
Tax Map 45, Grid II
Parcel 21 LOT1

Building Permit B00158865 issued 5/8/06
New Custom SFD 2 Story FBSMNT

Thank You

Ted Lubis



HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
3430 Courthouse Drive • Ellicott City, Maryland 21043 • 410-313-2950

Marsha S. McLaughlin, Director

www.co.ho.md.us
FAX 410-313-3467
TDD 410-313-2323

February 10, 2006

William and Beulah C. Lubis
8657 Reservoir Road
Fulton, Maryland 20759

Re: 8657 Reservoir Road
Tax Map 45, Grid 11 Parcel 21, Lot 1

The Howard County Zoning Regulations permit only one single-family detached dwelling unit use per lot. However, this letter temporarily authorizes the construction of a new dwelling on the property located at 8657 Reservoir Road prior to removal of the existing dwelling ("Original Dwelling Unit"), on the condition that you comply with all provisions declared herein. This temporary authorization is only valid for six months from the date of this letter or until the issuance of the final use and occupancy permit for the new dwelling, whichever occurs first. If an extension is necessary due to delays, you must contact this Department in writing prior to the six month deadline in order to request an extension of this authorization.

Upon the issuance of either a temporary or final use and occupancy permit for the new dwelling, the Original Dwelling Unit must cease being used, and must be removed within 30 days. Failure to remove the Original Dwelling Unit as required is hereby declared to be a violation of the Zoning Regulations which will induce an enforcement action as delineated in Section 102.B of the Zoning Regulations. Such an enforcement action may include, but is not limited to, Civil Fines or the removal of the Original Dwelling Unit by the County at the owner's expense.

The Department of Planning and Zoning will provide its endorsement on a building permit application for the construction of the new dwelling on the subject property only upon the receipt of a copy of this letter signed by all owners of the property. This signed copy must be submitted with your building permit application for the construction of the new dwelling unit. This authorization does not relieve any of the standard requirements for building permit approval. Please notify this Division when you have received temporary or final use and occupancy permit for the new dwelling, and also when the Original Dwelling Unit has been removed. This authorization is not transferable. If you have questions regarding this matter, please contact Bob Lahush at 410-313-4344.

Sincerely,

George L. Beisser, Chief
Division of Public Service
and Zoning Administration

By signing below, I hereby affirm that I have read, understand, and will comply with the authorization granted above:

William Lubis 3/28/06

William Lubis

Beulah C. Lubis 3/28/06

BEULAH C. LUBIS

Signature *Julia Lubis* Date 3-28-06

Print Name *Ted Lubis*

Signature *Julia Lubis* Date 3-28-06

Print Name *Julia Lubis*

(If additional signatures are necessary, please provide on back of page)

RESIDENTIAL STANDARD NOTES			
GENERAL NOTES	RESIDENTIAL FOUNDATIONS	FRAMING CONST. OTHER THAN ROOF	FRAMING CONST. ROOF
1. THESE PLANS SHOULD BE STUDIED AND USED IN THEIR ENTIRETY AS INFORMATION VITAL TO EACH STAGE OF CONSTRUCTION. 2. IF CONTRACTOR DISCOVERS A CONSTRUCTION DEVIATION FROM THE PLANS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO BRING INTO COMPLIANCE WITH THE PLANS OR CONTACT THE ARCHITECT BEFORE PROCEEDINGS. GENERAL CONTRACTOR ASSUMES ALL LIABILITY FOR ANY DEVIATION FROM THE PLAN NOT APPROVED BY THE ARCHITECT. 3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES. 4. CONTRACTOR SHALL INSURE COMPATIBILITY OF THE BUILDING WITH ALL SITE REQUIREMENTS. 5. ALL FOOTINGS TO BE 26" MINIMUM BELOW FINISHED GRADE AND MUST REST ON UNDISTURBED SOIL. 6. ALL WOOD, CONCRETE AND STEEL STRUCTURAL MEMBERS SHALL BE OF A GOOD GRADE AND QUALITY AND MEET ALL STATE AND LOCAL BUILDING CODES WHERE APPLICABLE. 7. DIMENSIONS ON FLOOR PLANS ARE FROM FACE OF STUD ON EXTERIOR WALLS TO FACE OF STUDS ON INTERIOR WALLS, EXCEPT WHERE NOTED. 8. DIMENSIONS ON FOUNDATION PLANS ARE FROM THE EXTERIOR FACE OF WALL. 9. FLOOR TO FLOOR DIMENSIONS FROM 1ST. FLOOR TO TOP OF FIN. SLAB OR GARAGE FLOOR WARS ACCORDING TO GRADE CONTIONS. 10. DRAWING SHALL NOT BE SCALED, USE LABEL DIMENSIONS ONLY. 11. ALL EXTERIOR & INTERIOR HEADERS NOT SPECIFIED ARE 2-2X10 W/ 1/2" PLYWOOD BUTCH UP TO 3'-0" SPAN, (OVER 3'-0", REFER TO FRAMING PLAN. 12. DETAILS TAKE PRECEDENCE OVER PLANS & ELEVATIONS LARGER SCALED DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALED DRAWINGS. 13. ALL COLUMNS OR SOLID FRAMING SHOULD EXTEND DOWN THRU ALL LEVELS BELOW AND TERMINATE AT THE BASEMENT WALL, BASEMENT FLOOR AT OTHER BEARING POINTS DESIGNED TO CARRY THE LOAD. 14. A NFPA ISO SPARKLER SYSTEM WILL BE INSTALLED PER CODE. 15. SMOKE DETECTORS TO BE IN EVERY BEDROOM AN ONE IN SECOND FLOOR HALL WAY AND ONE ON THE FIRST FLOOR SEE FLOOR PLANS FOR EXACT LOCATION 16. DESIGN CRITERIA BY THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2006.	1. ALL FOOTINGS ARE 8"X16" MINIMUM UNLESS NOTED OTHERWISE. 2. ALL INTERIOR POINT LOAD FOOTINGS ARE 30"X30"X16" DEEP. 3. DESIGN LOADS ARE ALL DEAD LOADS PLUS: A. BEARING FOR FOOTINGS ON ORIGINAL SOLID GROUND IS 2,000 LBS. PER SF. UNLESS NOTED OTHERWISE. B. WIND LOAD IS 40 M.P.H. EQUIVALENT TO 17.5 LBS. PER SF. C. SEISMIC DESIGN CATEGORY IS - 3 D. WIND LOAD COVERS OVER EARTHQUAKE UNLESS OTHERWISE NOTED. E. FLOOR LINE DEPTH IS 24" MINIMUM. F. GROUND SNOW LOAD IS 50 PSF. 5. STRUCTURAL SLABS ARE SELF-SUPPORTING SLABS REINFORCED ACCORDING TO DETAILS AND DO NOT REQUIRE FORM SOU FOR SUPPORT. SOIL MUST ONLY BE CAPABLE OF SUPPORTING CONCRETE UNTIL IT HARDENS AND DEVELOPS STRENGTH. 6. CONCRETE SHALL BE 2,500 PSI IN 28 DAYS UNLESS NOTED OTHERWISE. 7. ALL RE-BAR SPACES BE A MINIMUM OF 2"-0" UNLESS NOTED OTHERWISE. 12. WALLS - CONTINUOUS CONCRETE WALLS. A. FOR EARTH FILL UP TO 7" MAXIMUM HEIGHT - USE 8" CONT. CONC. WITH BUTIRHANE MEMBRANE WATERPROOFING ON EXTERIOR FOOTING 8" X 16" OR 8" X 24" AS NOTED ON PLAN. B. FOR EARTH FILL UP TO 8" MAXIMUM HEIGHT - USE 10" CONT. CONC. WITH BUTIRHANE MEMBRANE WATERPROOFING ON EXTERIOR FOOTING 8" X 16" OR 8" X 24" AS NOTED ON PLAN. C. FOR EARTH FILL UP TO 9" MAXIMUM HEIGHT - USE 12" CONT. CONC. WITH BUTIRHANE MEMBRANE WATERPROOFING ON EXTERIOR FOOTING 8" X 16" OR 8" X 24" AS NOTED ON PLAN.	1. ALL BASEMENT LOAD BEARING WALLS ARE 2X6 OVER THICKENED SLAB W/ PRESSURE TREATED BOTTOM PLATE. 2. ALL LUMBER SHALL BE KILN DRIED SPRUCE, PINE, OR FIR UNLESS OTHERWISE NOTED. 3. ALL HEADERS SHALL BE 2-2X10'S WITH 1/2" PLYWOOD BUTCH PLATE UNLESS OTHERWISE NOTED. 4. BASEMENT SUPPORT BEAMS MUST HAVE 5-2X6 STUD JACKS UNDER EACH END FOR SUPPORT UNLESS OTHERWISE NOTED. 5. MICRO-LAM BEAMS MUST HAVE 5-2X4 STUD JACKS UNDER EACH END FOR SUPPORT UNLESS OTHERWISE NOTED. 6. FLOOR JOIST WILL BE PRE-ENGINEERED GEORGIA PACIFIC PRODUCTS INSTALLED ACCORDING TO THE TRUSS MANUFACTURERS SPECIFICATIONS. A STAMPED ENGINEERED SET OF DRAWINGS WILL BE PROVIDED FOR THE FRAMING INSPECTION. 7. FLOOR SYSTEM HAS BEEN DESIGNED FOR A 40 LBS. LOAD AND A 210 DEAD LOAD. JOIST SPACING IS 19" O.C. UNLESS OTHERWISE NOTED. 8. ALL WOOD / JOINTS AND OPEN JOISTS MUST BE BRACED IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS PLUS DETAILS SHOWN ON PLANS. LOAD BEARING PARTIONS, JACKS, BEAMS AND COLUMN SUPPORTS MUST BE SOLID BLOCKED THROUGH FLOOR TO CARRY LOADS TO SUPPORTING MEMBERS AND WALLS TO FOUNDATION. I-JOISTS, TRUSSES, AND PLYWOOD CANNOT CARRY CONCENTRATED POINT LOADS, ALL POINT LOADS MUST BE CARRIED TO FOUNDATIONS W/ BLOCKS AND / OR BEAMS. 9. WHERE PARTIONS FALL BETWEEN FLOOR TRUSSES 2X4 LADDERS 0/18" O.C. MUST BE PLACED PERPENDICULAR TO THE TRUSSES 2X4 LADDERS SUPPORT THE PLYWOOD DECKING. 6. ALL EXTERIOR WALLS WILL BE SHEATHED WITH 7/16" OSB OR 1/2" CDX. ALL EXTERIOR WALLS WILL BE COVERED WITH HOUSE WRAP AND ALL JOINTS WILL BE SEALED WITH APPROPRIATE. 7. ALL COLUMNS OR SOLID FRAMING SHALL EXTEND DOWN THRU ALL LEVELS AND TERMINATE AT THE BASEMENT FLOOR AND BE SUPPORTED BY A THICKENED SLAB, GRADE BEAM OR FOOTING DESIGNED TO CARRY LOAD. 9. ALL FRAMED WALL DIMENSIONS ARE BASED ON 2 X 4 STUDS UNLESS OTHERWISE NOTED.	1. ROOF TRUSSES WILL PRE-ENGINEERED AND INSTALLED ACCORDING TO THE TRUSS MANUFACTURERS SPECIFICATION. A STAMPED ENGINEERED SET OF DRAWINGS WILL BE PROVIDED AT THE FRAMING INSPECTION. 2. THE ROOF SYSTEM HAS BEEN DESIGNED FOR STANDARD LOADING CONDITIONS (20-10-0-10 MTS&B INCREASED) PER IRC 2006 CODE. 3. ALL TRUSSES ARE SPACED 2'-0" O.C. MAXIMUM. 4. GABLES ARE CONTINUOUSLY SUPPORTED. 5. ROOF DECKING SHALL BE 7/16" OSB OR 1/2" CDX PLYWOOD MINIMUM. 6. ALL ROOF TRUSSES TO BEAR ON LOAD BEARING WALLS DESIGNED TO CARRY LOAD THRU ALL LEVELS AND TERMINATE AT BASEMENT AND BE SUPPORTED BY THICKENED SLAB GRADE BEAM, FOOTING OR WALL DESIGNED TO CARRY LOAD. 7. ROOF TRUSSES WILL BE BRACED ACCORDING TO THE MANUFACTURER SPECIFICATIONS. 8. ALL HANGERS WILL BE PROVIDED BY THE ROOF TRUSS MANUFACTURER. 5. THE EXISTING HOUSE IS TO BE CONNECTED TO THE NEW SEPTIC SYSTEM AND THE EXISTING SYSTEM ABANDONED BEFORE BUILDING PERMIT APPROVAL. REFERENCE NOTE 11 FOR MORE DETAIL. 6. THIS ☼ DESIGNATES A PERC TEST THAT PASSED AND THIS \ A PERC TEST THAT FAILED. 7. LOCATIONS OF ALL RELEVANT FEATURES SUCH AS EXISTING STRUCTURES ARE SHOWN. 8. ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXCAVATED TEST HOLES ARE SHOWN, THE 5 (FIVE) TEST HOLES ARE IDENTIFIED AS ☼#1, ☼#2, ETC., THE TEST HOLE RESULTS ARE INCLUDED AS PART OF THE PERCOLATION CERTIFICATION PLAT. 9. NO CONSTRUCTION TO IMPACT SEWAGE EASEMENT. 10. TOTAL AREA DISTURBED (ACREAGE/SQ.FT.) 0.129 ACRES/5624 SQ FT TOTAL SITE AREA 9 (ACREAGE/SQ.FT.) 3.01 ACREAGE/ 131,115 SQ.FT.

TRUSS SPECTIONS

- WOOD TRUSS SHALL HAVE A MINIMUM ROOF LIVE LOAD OF 30 PSF, AND THIS MUST BE INCREASED AS REQUIRED BY THE LOCAL BUILDING CODE. THE MINIMUM TOP CHORD DEAD LOAD IS 110 PSF. THE MINIMUM BOTTOM CHORD DEAD LOAD IS 5 PSF. THE WIND LOAD IS AS REQUIRED BY LOCAL BUILDING CODE. ALL CONNECTIONS AND ATTACHMENTS MUST BE DESIGNED FOR THE APPROPRIATE LIVE AND DEAD LOAD COMBINATIONS, PLUS EFFECTS FROM WIND (INCLUDING UPLIFT). WOOD TRUSS SUPPLIER SHALL PROVIDE A WOOD TRUSS DESIGN SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE LOCAL JURISDICTION.
- PREFABRICATED WOOD TRUSS MANUFACTURER MUST PROVIDE LATERAL BRACING BETWEEN THE TRUSSES TO INSURE TRUSS STABILITY AND STRENGTH.
- PROVIDE 2X6 CONTINUOUS BRIDGING AT ALL BOTTOM CHORD PANEL POINTS AND AS REQUIRED BY WOOD TRUSS MANUFACTURER.
- ALLOWANCE SHALL BE MADE BY THE CONTRACTOR FOR POTENTIAL UPLIFT OF ROOF TRUSS BOTTOM CHORDS THAT MIGHT BE CAUSED BY DISTORTION OF THE TRUSS MEMBERS DUE TO VARIATIONS IN MOISTURE CONTENT OF THE TRUSS MEMBERS.
- PRE-ENGINEERED ROOF TRUSSED SHALL BE T.P.I. APPROVED.

GENERAL STRUCTURAL NOTES:

1. GENERAL

- ALL CONSTRUCTION SHALL CONFORM WITH THE PROVISIONS OF THE 2003 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO TWO FAMILY DWELLINGS.
- DESIGN LIVE LOADS:
ROOF.....30 PSF
FLOORS.....40 PSF
SLEEPING AREAS.....30 PSF

2. FOUNDATIONS

- FOOTINGS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF. FOOTINGS SHALL BEAR ON NATURAL UNDISTURBED SOIL 1'-0" BELOW ORIGINAL GRADE. THE BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISHED GRADE. CONTRACTOR TO VERIFY THE ALLOWABLE SOIL PRESSURE IN THE FIELD. IF FOUND TO BE LESS THAN 2000 PSF, THE FOOTINGS WILL HAVE TO BE REDESIGNED.

3. CAST IN PLACE CONCRETE

- ALL CONCRETE WORK SHALL CONFORM TO THE LATEST APPROVED (BY LOCAL GOVERNMENT) EDITIONS OF THE FOLLOWINGS A.C.I. AND A.S.T.M. DOCUMENTS:
ACI-301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
ACI-318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE

- ALL CONCRETE, EXCEPT AS NOTED, SHALL BE (f'c=3,000 PSI) STONE AGGREGATE CONCRETE AT 28 DAYS. ALL CONCRETE EXPOSED TO THE WEATER SHALL BE AIR ENTRAINED.

- SLABS ON GROUND SHALL BE 4" THICK CONCRETE REINFORCED WITH 6"X6" W/4XW/4 WWP OVER 6 MIL POLYETHYLENE VAPOR BARRIER AND 4" WASHED GRAVEL UNLESS OTHERWISE NOTED.

4. MASONRY

- ALL MASONRY CONSTRUCTION AND MATERIALS USED THEREIN (CONCRETE MASONRY, CLAY MASONRY, MORTAR, GROUT AND STEEL REINFORCEMENT) SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTES" (ACI 530-92/ASCE THE BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISHED 6-92/IMS 602-92) IN ALL RESPECTS.

- MASONRY BEARING WALLS SHALL CONSIST OF STANDARD HOLLOW UNITS CONFORMING TO ASTM C 90 UNLESS OTHERWISE NOTED. WHERE SOLID UNITS ARE REQUIRED, PROVIDE UNITS CONFORMING TO ASTM C 145.

- ALL MORTAR SHALL CONFORM TO THE REQUIREMENTS FOR PROPORTIONS, MIXING, STRENGTH AND APPLICATION FOR PORTLAND CEMENT/LIME TYPE "S" MORTOR AS DESCRIBED IN ACI 530-92.

- ALL GROUT FILL IN MASONRY WALLS SHALL CONFORM TO ASTM C 476. SLUMP RANGE 8-11", PLACE GROUT IN 5'-0" MAXIMUM POUR HEIGHTS AND CONSOLIDATE BY MECHANICAL VIBRATION.

- PROVIDE 8" DEPTH OF 100% SOLID MASONRY BELOW ALL JOIST OR SLAB BEARING LINES. PROVIDE 16" HIGH X 16" LONG 100% SOLID MASONRY BELOW ALL LINTELS AND BEAMS UNLESS NOTED OTHERWISE.

- ALL MASONRY WALLS SHALL BE REINFORCED WITH NO.9 GAGE TRUSS TYPE GALVANIZED DUR-O-WALL SPACED VERTICALLY WITH AT 16" O.C. U.N.O. LAP ALL DUR-O-WALL 6" MINIMUM. PROVIDE CORNER AND TEE PIECES AT ALL INTERSECTIONS.

- LOOSE LINTELS FOR MASONRY WALLS SHALL BE FOR EACH 4" WIDTH OF MASONRY ONE STEEL ANGLE AS FOLLOWS:

0'-0" TO 3'-0" 3-1/2" X 3-1/2" X 5/16"
3'-1" TO 5'-0" 4" X 3-1/2" X 5/16"
5'-1 TO 6'-6" 5" X 3-1/2" X 3/8"
6'-7" TO 8'-0" 6" X 3-1/2" X 3/8" A

ALL ANGLES SHALL HAVE THEIR SHORT LEGS OUTSTANDING AND 6" MINIMUM BEARING.

NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 1000 SQ. FEET AS REQUIRED BY THE MARYLAND STATE HEALTH DEPARTMENT FOR INDIVIDUAL SEWAGE DISPOSAL AND WILL PROVIDE CAPACITY FOR A 5 BEDROOM HOUSE. IMPROVEMENTS OF ANY NATURE, INCLUDING DRIVEWAYS, IN THE AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVING ANY RESIDENTIAL STRUCTURE CONSTRUCTED ON THIS SITE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE MAXIMUM SLOPE OF SEWER PIPES PERMITTED IS 1/4"/1' AND THE MINIMUM SLOPE IS 1/8"/1'.

- THE LOT SHOWN HEREON COMPLIES WITH MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY M.D.E.

- THIS CERTIFIES THAT ALL WELLS AND SEPTIC AREAS WITHIN 200 FEET OF THE PROPERTY BOUNDARIES ARE SHOWN.

- THE EXISTING WELL SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY PROFESSIONAL LAND SURVEYOR JACK CLARK ON 10-05-2005 AND IS ACCURATELY SHOWN. TOPOGRAPHY SHOWN WAS FIELD RUN 10/05/2005 AND INCLUDED THE WATER WELL LOCATION AND ELEVATION. THE WELL WILL BE RETAINED FOR USE IN NEW RESIDENCE.

- THE EXISTING HOUSE IS TO BE CONNECTED TO THE NEW SEPTIC SYSTEM AND THE EXISTING SYSTEM ABANDONED BEFORE BUILDING PERMIT APPROVAL. REFERENCE NOTE 11 FOR MORE DETAIL.

- THIS ☼ DESIGNATES A PERC TEST THAT PASSED AND THIS \ A PERC TEST THAT FAILED.

- LOCATIONS OF ALL RELEVANT FEATURES SUCH AS EXISTING STRUCTURES ARE SHOWN.

- ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXCAVATED TEST HOLES ARE SHOWN, THE 5 (FIVE) TEST HOLES ARE IDENTIFIED AS ☼#1, ☼#2, ETC., THE TEST HOLE RESULTS ARE INCLUDED AS PART OF THE PERCOLATION CERTIFICATION PLAT.

- NO CONSTRUCTION TO IMPACT SEWAGE EASEMENT.

- TOTAL AREA DISTURBED (ACREAGE/SQ.FT.) 0.129 ACRES/5624 SQ FT TOTAL SITE AREA 9 (ACREAGE/SQ.FT.) 3.01 ACREAGE/ 131,115 SQ.FT.

TRUSS SPECTIONS

- WOOD TRUSS SHALL HAVE A MINIMUM ROOF LIVE LOAD OF 30 PSF, AND THIS MUST BE INCREASED AS REQUIRED BY THE LOCAL BUILDING CODE. THE MINIMUM TOP CHORD DEAD LOAD IS 110 PSF. THE MINIMUM BOTTOM CHORD DEAD LOAD IS 5 PSF. THE WIND LOAD IS AS REQUIRED BY LOCAL BUILDING CODE. ALL CONNECTIONS AND ATTACHMENTS MUST BE DESIGNED FOR THE APPROPRIATE LIVE AND DEAD LOAD COMBINATIONS, PLUS EFFECTS FROM WIND (INCLUDING UPLIFT). WOOD TRUSS SUPPLIER SHALL PROVIDE A WOOD TRUSS DESIGN SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE LOCAL JURISDICTION.
- PREFABRICATED WOOD TRUSS MANUFACTURER MUST PROVIDE LATERAL BRACING BETWEEN THE TRUSSES TO INSURE TRUSS STABILITY AND STRENGTH.
- PROVIDE 2X6 CONTINUOUS BRIDGING AT ALL BOTTOM CHORD PANEL POINTS AND AS REQUIRED BY WOOD TRUSS MANUFACTURER.
- ALLOWANCE SHALL BE MADE BY THE CONTRACTOR FOR POTENTIAL UPLIFT OF ROOF TRUSS BOTTOM CHORDS THAT MIGHT BE CAUSED BY DISTORTION OF THE TRUSS MEMBERS DUE TO VARIATIONS IN MOISTURE CONTENT OF THE TRUSS MEMBERS.
- PRE-ENGINEERED ROOF TRUSSED SHALL BE T.P.I. APPROVED.

5. STRUCTURAL STEEL

- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM SPECIFICATION A-36 (LATEST LOCAL APPROVED). ALL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE AISC MANUAL, AISC SPECIFICATION AND AISC CODE OF STANDARD PRACTICE.

- ALL WELDED CONNECTIONS SHALL BE DONE WITH E70XX ELECTRODES. SHOP AND FIELD WELDS SHALL BE MADE BY APPROVED CERTIFIED WELDERS AND SHALL CONFORM TO THE AMERICAN WELDING SOCIETY CODE FOR BUILDINGS AWS D1.1. WELDS SHALL DEVELOP THE FULL STRENGTH OF MATERIALS BEING WELDED UNLESS OTHERWISE NOTED.

6. WOOD

- STRUCTURAL SOLID WOOD RAFTERS, JOIST, BEAMS AND STUDS SHALL BE HEM FIR #2 OR SPRUCE PINE FIR #2 SURFACE DRY AT A MAXIMUM OF 19% ALL LUMBER EXPOSED TO WEATHER SHALL BE PRESSURE TREATED SOUTHERN PINE #2. ALL FABRICATION, ERECTION, OTHER PROCEDURES, AND MINIMUM UNIT STRESS SHALL CONFORM TO THE CURRENT "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION".

- WOOD TRUSSED SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION (ANSI/TPI 1) AND COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSED (HIB-91) AS PUBLISHED BY THE TRUSS PLATE INSTITUTE AND IN ACCORDANCE WITH THE 1991 EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.

- WOOD TRUSSED AND ENGINEERED FLOOR JOISTS ARE TO BE DESIGNED BY THE SUPPLIER. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEERING/ARCHITECT FOR REVIEW. ALL TRUSSED AND JOISTS SHALL BE DESIGNED TO LIMIT THE BEARING STRESS TO 425psi WHEN MEMBERS BEAR ON STUD WALLS. PROVIDE MEMBERS OF ADEQUATE WIDTH OF METAL CONNECTIONS TO LIMIT STRESSES TO THE SPECIFIED VALUE.

- ALL LAMINATED VENEER LUMBER (LVL) OR PARALLEL STRAND LUMBER (PSL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fo=2600 psi, Fv=285psi, E=1,900,000psi, Fc=2510PSI(PARALLEL), Fc=750psi (PERPENDICULAR)

- AKK DOUBLE MEMBERS SHALL BE NAILED TOGETHER WITH 2 ROWS OF 16d NAILS SPACED AT 12" O.C. ALL TRIPLE MEMBERS SHALL BE NAILED TOGETHER WITH 3 ROWS OF 16d NAILS SPACED AT 12" O.C. NAILED FROM EACH OTHER.

- PROVIDE DOUBLE JOISTS AT PARALLEL PARTITIONS WHERE PARTITION LENGTH EXCEEDS 1/3 JOIST SPAN.

- ALL NAILS ARE TO BE COMMON WIRE NAILS. NAILING OF ALL FRAMES SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS BUT IN NO CASE SHALL BE LESS THAN THE RECOMMENDED NAILING SCHEDULE CONTAINED IN THE 2003 INTERNATIONAL RESIDENTIAL CODE. ALL MULTIPLE STUD POST ARE TO BE NAILED TOGETHER WITH 12d NAILS @ 6" O.C. STAGGERED.

- PROVID BRIDGING SPACED AT 48" O.C. IN FIRST TWO JOIST, RAFTER OR TRUSS SPACES WHEN FRAMING IS PARALLEL TO EXTERIOR WALL. NAIL SHEATHING (FLOOR, CEILING OR ROOF) TO BRIDGING AND NAIL BRIDGING TO EXTERIOR WALL PLATE. PROVIDE ONE ROW OF BRIDGING AND NAIL BRIDGING TO EXTERIOR WALL PLATE. PROVIDE ONE ROW PROVIDE SOLID BLOCKING OR A CONTINUOUS RIM JOIST AT THE BEARING OF JOISTS, RAFTERS OF TRUSSES ON WOOD PLATES.

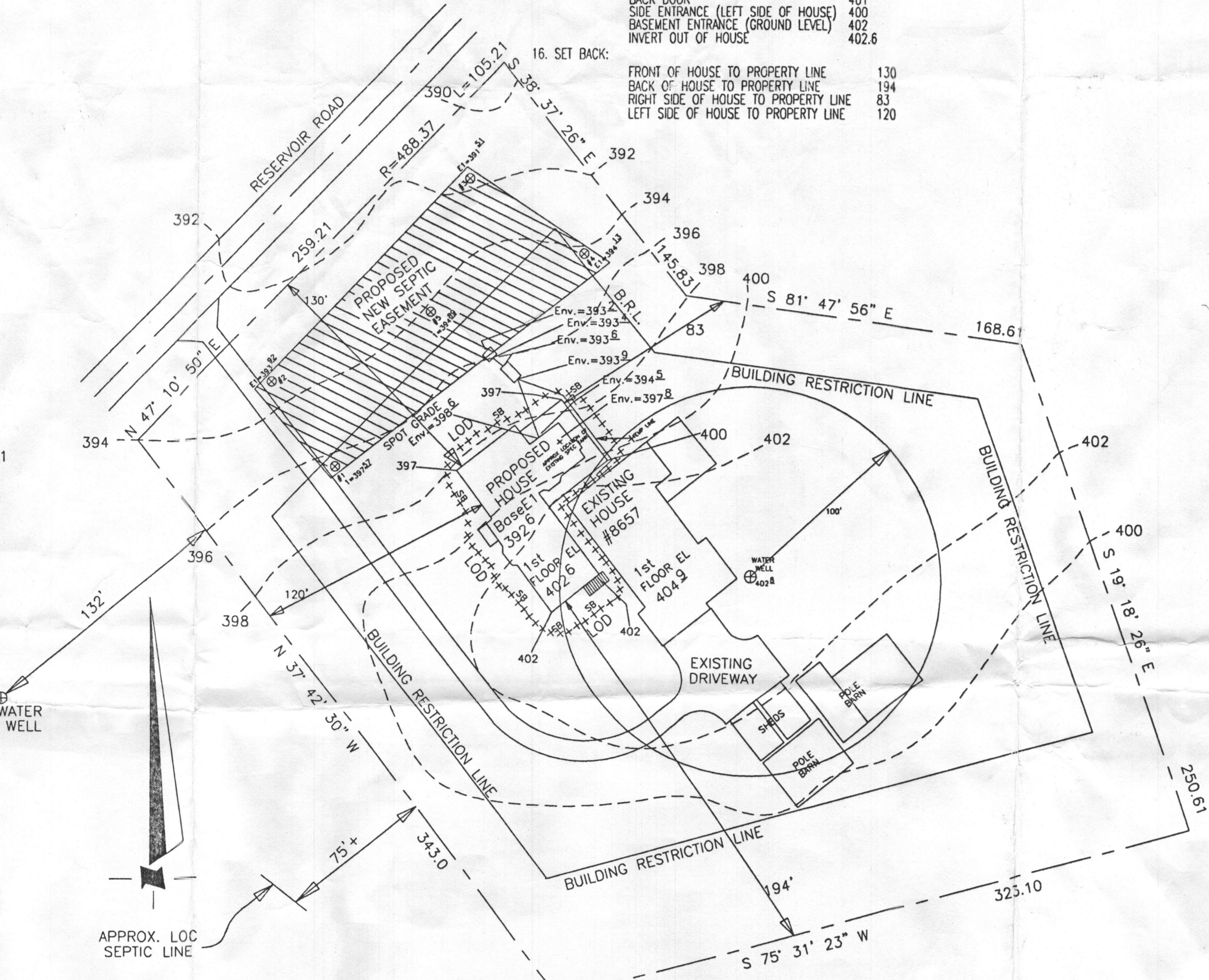
- PROVIDE THE FOLLOWING JAMB STUDS AT ALL BEARING WALL UNLESS NOTED OTHERWISE:
0-3" OPENING 1 JACK STUD, 1 KING STUD
3'-1" - 6'-0" OPENING 2 JACK STUDS, 1 KING STUD
6'-1" - 9'-0" OPENING 2 JACK STUDS, 2 KING STUDS

- PROVIDE DOUBLE STUDS AT ALL CORNERS AND BENEATH ALL GIRDER TRUSSES AND WOOD BEAMS UNLESS NOTED OTHERWISE ON PLANS. WOOD BEAMS, GIRDERS TRUSSESHAVE TH AND HEADERS SHALL BEAR THE FULL DEPTH OF POST AND JACK STUDS.

- ALL POSTS (MULTIPLE STUDS OR SOLID POST) SUPPORTING BEAMS, WALL HEADERS OR GIRDER TRUSSED, SHALL BE BLOCKED SOLID FOR THE FULL LENGTH AND WIDTH OF POST AT ALL INTERSECTIONS WITH FLOORS AS REQUIRED TO PROVIDE CONTINUOUS SUPPORT TO TOP OF FOUNDATION WALLS OR BEAMS. POST SHOWN ON UPPER LEVELS FLOORS SHALL ALSO BE INSTALLED ON THE LOWER LEVELS IN LINE WITH THE POST ABOVE DOWN TO FOUNDATION WALLS OF BEAMS.

- ALL FLUSH JOIST TO BEAM OR BEAM TO BEAM CONNECTIONS SHALL BE MADE WITH JOIST OR BEAM HANGERS TO SUPPORT THE LOAD CAPACITY INDICATED ON THE PLANS OR THE FULL CAPACITY OF THE JOIST OR BEAM. HANGERS SHALL BE PROVIDED BY SIMPSON STRONG-TIE OR EQUIP LUMBER CONNECTORS. THE SUPPLIER SHALL DESIGN ALL HANGERS FOR THE CAPACITY STATED. INSTALL ALL HANGERS IN STRICT CONFORMANCE TO THE MANUFACTURES INSTRUCTIONS. FILL ALL NAIL OR BOLT HOLES USING THE SPECIFIED NAILS AND BOLTS ONLY.

- ALL WALLS SHALL BE BRACED FOR 90 MPH WIND SPEED, PER IRC 2003 SECT. 602.10.3



TED LUBIS OWNER & BUILDER
8657 RESERVOIR ROAD
FULTON, MD. 20759
HOUSE TYPE SINGLE FAMILY HOME
PLAT NO. 4699 LOT 1 SECTION 2
TAX MAP 45, GRID II
PARCEL 21 LOT 1

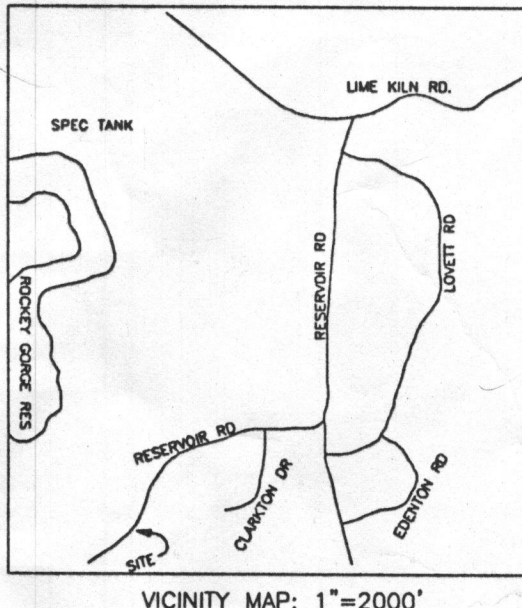
SUBDIVISION: LILLENFIELD
CENSUS TRACT 605102
PROPERTY ID # 69145

Scale: 1"=50' March 29, 2006

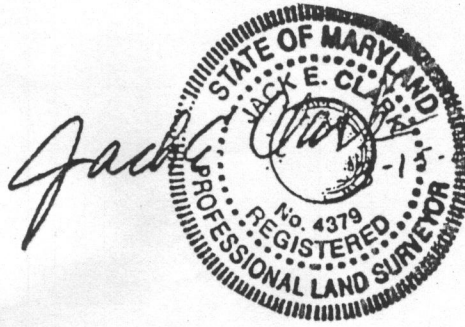
DRAWING INDEX	
PAGE #	PAGE DESCRIPTION
PAGE 1	NOTES & SITE PLAN
PAGE 2	FRONT & REAR ELEVATIONS
PAGE 3	RIGHT & LEFT SIDE ELEVATIONS
PAGE 4	FOUNDATION PLAN
PAGE 5	FIRST FLOOR FRAMING PLAN
PAGE 6	SECOND FLOOR FRAMING PLAN
PAGE 7	SECTION & DETAILS

SQUARE FOOTAGE	
FIRST FLOOR	3129 SQ. FT.
SECOND FLOOR	3079 SQ. FT.
TOTAL HEATED	6208 SQ. FT.
TOTAL BASEMENT	2812 SQ. FT.

ELEVATIONS AS SHOWN ON SITE PLAN:	
BASEMENT ELEVATION	392.6
FIRST FLOOR ELEVATION	402.6
INVERT OUT OF HOUSE	394.5
SPOT GRADE AT INVERT OUT OF HOUSE	398.6
INVERT INTO SEPTIC TANK	393.9
INVERT OUT OF SEPTIC TANK	393.6
INVERT INTO DISTRIBUTION BOX	393.4
INVERT INTO TRENCH(S)	393.2
EXISTING GRADE AT SEPTIC TANK	397.8
EXISTING GRADE AT DISTRIBUTION BOX (IF APPLICABLE)	N/A
EXISTING GRADE AT TRENCH(S)	(APPROX. 392-397) SEE CONTOURS AS SHOWN IN THE "PROPOSED NEW SEPTIC EASEMENT" INCLUDED AS PART OF THIS SITE PLAN FOR DETAILS
ELEVATION OF WELL AT GRADE	402.8
FINISHED ELEVATION OF FIRST FLOOR	402.6
NO GARAGE	
13. THE EXISTING DRIVEWAY WILL BE RETAINED FOR USE IN NEW RESIDENCE AND WILL BE USED FOR THE CONSTRUCTION ENTRANCE TO THE PROPOSED HOUSE. NO ADDITIONAL PAVING IS REQUIRED.	
14. +++ SHOWS LIMITS OF DISTURBANCE (LOD) STRAW BALES (SB) WILL BE USED WITHIN THE LOD FOR SOIL RETENTION AND SEDIMENT CONTROL MEASURES. NO TREE REMOVAL IS REQUIRED FOR CONSTRUCTION OF PROPOSED HOUSE.	
15. USE EXISTING ENTRANCE AND DRIVEWAY TO CONSTRUCTION AREA.	
16. SPOT GRADES:	
HOUSE CORNER FRONT LEFT	397
HOUSE CORNER FRONT RIGHT	397
HOUSE CORNER REAR LEFT	402
HOUSE CORNER REAR RIGHT	402
FRONT DOOR	397.6
BACK DOOR	401
SIDE ENTRANCE (LEFT SIDE OF HOUSE)	400
BASEMENT ENTRANCE (GROUND LEVEL)	402
INVERT OUT OF HOUSE	402.6
FRONT OF HOUSE TO PROPERTY LINE	130
BACK OF HOUSE TO PROPERTY LINE	194
RIGHT SIDE OF HOUSE TO PROPERTY LINE	83
LEFT SIDE OF HOUSE TO PROPERTY LINE	120



OWNER: TED LUBIS
8657 RESERVOIR ROAD
FULTON, MD. 20759
410-340-4144



THE J.E. CLARK COMPANY
LAND SURVEYING AND ENGINEERING
P.O. BOX 147 LAUREL, MARYLAND 20725
(301)725-3442

BUILDING SITE PLAN
LOT 1 SECTION 2
PROPERTY OF
HENRY J. LILLENFIELD
FULTON
Plot No. 4699
Scale: 1"=50' Mar. 2006

8657 RESERVOIR RD.
FULTON, MD. 20759

THE LUBIS RESIDENCE

SCALE: 1/4" = 1'-0"

DATE: 2/2006

SHEET NO: 1 OF 7

GBL CUSTOM HOME
DESIGN INC.

PO BOX 237 FINKSBURG, MD 21048
PHONE 410-833-8320