

Permits: 410-313-2455
 Inspections: 410-313-1810
 Automated Line: 410-313-3800

Howard County Building/Fire Permit Application
 Department of Inspections, Licenses & Permits
 3430 Court House Drive
 Ellicott City, MD 21043

Permit Number:

Building Address: 5118 Halls Creek Rd
Market Hs, MD 21029

Suite/Apt. # _____ SDP/WP/BA #: _____

Census Tract: _____ Subdivision: Delaware

Section: _____ Area: _____ Lot: 67

Tax Map: 24 Parcel: 74 Grid: 18

Zoning: _____ Map Coordinates: _____ Lot Size: 12000

Property Owner's Name: David Kalos

Address: 5118 Halls Creek Rd

City: Clarksville State: MD Zip Code: 21039

Home Phone: 4103200044 Work Phone: _____

Applicant's Name & Mailing Address, (If other than stated herein):
Karen Rowley
743 South Lakes of Dunkirk 20757

Phone: 4105077705 Fax: _____

Email: khkpermits@sympatico.com

Existing Use: SFO

Proposed Use: In ground pool

Estimated Construction Cost: \$30,000

Description of Work: 30' x 20' in ground concrete
pool. 5' deep to edge depth 3' to 5'
filled by truck

Occupant or Tenant: _____

Was tenant space previously occupied? Yes No

Contact Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

Email: _____

Contractor Company: Anthony's Swimming Pools

Contact Person: Bon Lehr

Address: 8260 Preston Ct

City: Jessup State: MD Zip Code: 20794

License No.: 95872

Phone: 410-984-6276 Fax: _____

Email: _____

Engineer/Architect Company: _____

Responsible Design Prof.: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

Email: _____

BUILDING DESCRIPTION - COMMERCIAL	
Building Characteristics	Utilities
Height:	<u>Water Supply</u>
No. of stories:	<input type="checkbox"/> Public
Gross area, sq. ft./floor:	<input checked="" type="checkbox"/> Private
	<u>Sewage Disposal</u>
Area of construction (sq. ft.):	<input type="checkbox"/> Public
	<input checked="" type="checkbox"/> Private
Use group:	Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Gas: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<u>Construction type:</u>	<u>Heating System</u>
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Electric <input type="checkbox"/> Oil
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas
<input type="checkbox"/> Masonry	<u>Sprinkler System:</u>
<input type="checkbox"/> Wood Frame	<input type="checkbox"/> N/A
<input type="checkbox"/> State Certified Modular	<input type="checkbox"/> Full
<input checked="" type="checkbox"/> Roadside Tree Project Permit	<input type="checkbox"/> Partial
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Other Suppression
Roadside Tree Project Permit #	No. of Heads:

BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities
<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	<u>Water Supply</u>
<u>Depth</u> <u>Width</u>	<input type="checkbox"/> Public
1 st floor:	<input checked="" type="checkbox"/> Private
2 nd floor:	<u>Sewage Disposal</u>
Basement:	<input type="checkbox"/> Public
<input type="checkbox"/> Finished Basement	<input type="checkbox"/> Private
<input type="checkbox"/> Unfinished Basement	Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Crawl Space	Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Slab on Grade	<u>Heating System</u>
No. of Bedrooms:	<input type="checkbox"/> Electric
<u>Multi-family Dwelling</u>	<input type="checkbox"/> Oil
No. of efficiency units:	<input type="checkbox"/> Natural Gas
No. of 1 BR units:	<input type="checkbox"/> Propane Gas
No. of 2 BR units:	
No. of 3 BR units:	
Other Structure:	
Dimensions:	
Footings:	<input checked="" type="checkbox"/> Roadside Tree Project Permit
Roof:	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> State Certified Modular	<u>Roadside Tree Project Permit #</u>
<input type="checkbox"/> Manufactured Home	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Karen Rowley
 Applicant's Signature _____ Print Name _____

_____ Date 8/15/12

_____ Email Address _____

_____ Title/Company _____

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 -FOR OFFICE USE ONLY-

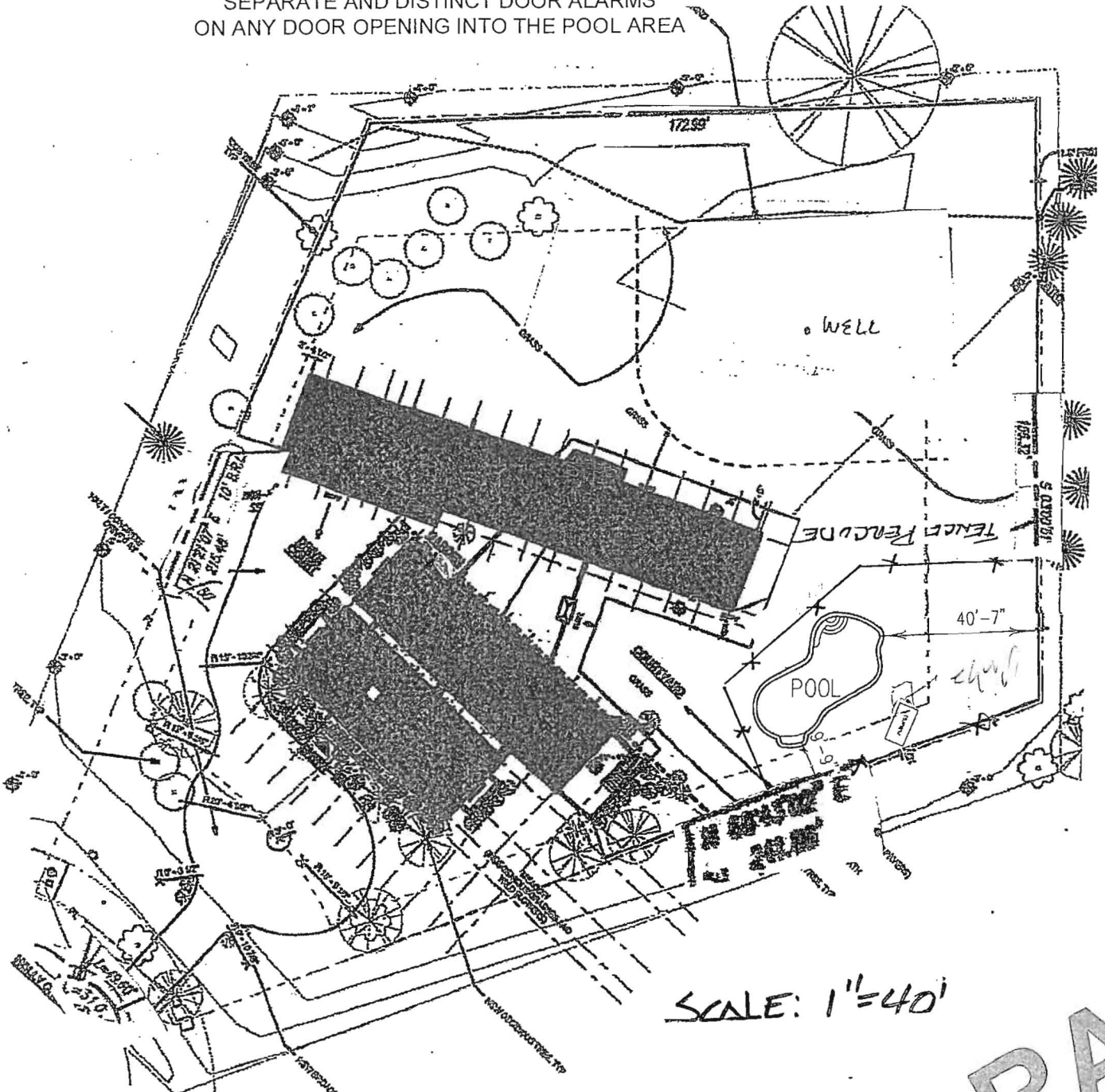
AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health		
Fire Protection		<u>8-17-12 D. Bernard</u>

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START
 ONE STOP SHOP

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$

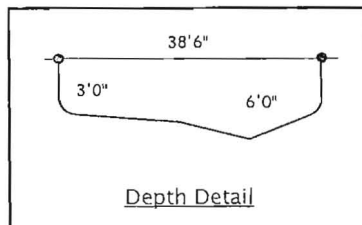
COUNTY REGULATIONS MAY REQUIRE SEPARATE AND DISTINCT DOOR ALARMS ON ANY DOOR OPENING INTO THE POOL AREA



SCALE: 1"=40'

Survey Plan

APPROVED **DRAWING**
 WALK-THRU BUILDING PERMIT
 BP# _____ A# _____
 APP. SAN D Bernack DATE: _____
 DESC. OF WORK: 38' X 20' Inground Pool **NOT APPROVED**
Approved As Shown



NOTE	NOTE:	To be numbered and if
Changes from the agreement are by addendum only, signed by both parties and paid in full at time of affixing signature. No changes will occur prior to signing addendum.	⊕	T.O.C. = ?
	△	----
	△	----
	△	----

Howard County Health Dept – photos taken by R. Rappaport on 10/24/2016

5118 Holly Creek Lane – dumpster full at construction site in Walnut Grove (Lot 62)





Health

Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: 5/1/15

Permit No.: B15001623

Building Address: 5118 Holly Creek Lane
 City: Clarksville State: MD Zip Code: 21029
 Suite/Apt. #: n/a SDP/WP/BA #: GP-15-063
 Census Tract: 605104 Subdivision: Walnut Grove
 Section: n/a Area: n/a Lot: 62
 Tax Map: 28 Parcel: 74 Grid: 18
 Zoning: RC-DEO Map Coordinates: ADC Map Lot Size: 0.98 Ac.
4933-J4

Existing Use: Vacant Finished Lot
 Proposed Use: New Residential Single Family Dwelling
 Estimated Construction Cost: \$ 1,000,000
 Description of Work: Build a Single Family Residential House -
2-story house with a 3 car garage
and an indoor swimming pool
 Occupant or Tenant: _____
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: Mukul (Mickey) Kalra
 Address: 11305 Bishops Gate Lane
 City: Laurel State: Maryland Zip Code: 20723
 Phone: 240-338-7472 Fax: _____
 Email: mickeykalra@yahoo.com

Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: Mukul (Mickey) Kalra
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Contractor Company: Property Owner / self
 Contact Person: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 License No.: _____
 Phone: _____ Fax: _____
 Email: _____

Engineer/Architect Company: Alter Urban
 Responsible Design Prof.: John Sage, AIA
 Address: 261 Robert Street
 City: Baltimore State: MD Zip Code: 21217
 Phone: 410-225-0930 Fax: _____
 Email: johnsage@alterurban.com

Commercial Building Characteristics	Residential Building Characteristics
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories:	Depth Width
Gross area, sq. ft./floor:	1 st floor: <u>VARIES</u>
	2 nd floor: <u>VARIES</u>
Area of construction (sq. ft.):	Basement:
	<input checked="" type="checkbox"/> Finished Basement
Use group:	<input type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
Construction type:	<input checked="" type="checkbox"/> Slab on Grade
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms: <u>5</u>
<input type="checkbox"/> Structural Steel	<u>Multi-family Dwelling</u>
<input type="checkbox"/> Masonry	No. of efficiency units:
<input type="checkbox"/> Wood Frame	No. of 1 BR units:
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Utilities	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private (Well)	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private (community septic system)	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number: <u>G15000128</u>	
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: [Signature]
 Print Name: MICKY KALRA
 Email Address: MICKY KALRA @ YAHOO.COM
 Date: 4/30/15
 Title/Company: OWNER

RECEIVED
 MAY 01 2015
 LICENSES & PERMITS DIVISION

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
<input checked="" type="checkbox"/> State Highways		
<input checked="" type="checkbox"/> Building Officials		
<input checked="" type="checkbox"/> PSZA (Zoning)		
<input checked="" type="checkbox"/> PSZA (Engineering)		
<input checked="" type="checkbox"/> Health	<u>7/20/15</u>	<u>[Signature]</u>

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION	
Front:	
Rear:	
Side:	
Side St.:	
All minimum setbacks met?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:	
SDP/Red-line approval date:	

Filing Fee	\$ <u>100.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	# <u>294</u>

**COMPLETE THIS FORM WHEN DROPPING OFF ANY
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 07-13-15 - 07-15-15

To: DAN SWINDER - DILP / ROBERT BRICKER - HEALTH DEPARTMENT
(Person's Name and Division)

From: JOHN SAGE, ALTER URBAN (202) 817 3423
(Your Name, Company Name and Telephone Number)

Subject: Project name KALRA RESIDENCE
Project site address 5118 HOLLY CREEK LN
Permit # B15001623 SDP # _____
Other information pertinent to this project _____

Please check the attachments below that you are submitting with this transmittal:

- Letter of response to address plan review comment letter
- Revised plans and/or revised details: When submitting for a complete re-review, **duplicate sets shall be submitted.**
- Letter Summarizing Changes
- Energy conservation calculations
- Copies of 1 FULL SET (be specific).

*NOTE: FULL SET HAS BEEN PRINTED + SUBMITTED.
REVISIONS ARE CIRCLED + TAGGED ON SHEETS W/
REVISIONS.*
- Health Department Request DPZ/ DED Request Applicant's Request
- Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # _____
- Other _____

Contact Person Information: (Required)

JOHN SAGE Telephone No: 202 817 3423
Please Print Name E-Mail Address: JOHN.SAGE@ALTERURBAN.COM

PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.

Received by AKH PERMIT HAS BEEN REVIEWED
INV# 409299

**COMPLETE THIS FORM WHEN DROPPING OFF ANY
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 05-27-15

To: PLAN REVIEW / HEALTH
(Person's Name and Division)

From: JOHN SAGE ALTER URBAN (202) 917 3423
(Your Name, Company Name and Telephone Number)

Subject: Project name KALRA RESIDENCE
Project site address 5118 HOLLY CREEK LANE
Permit # B15001623 ~~SEP~~# _____
Other information pertinent to this project _____

RECEIVED
MAY 27 2015
LICENSES & PERMITS
DIVISION

Please check the attachments below that you are submitting with this transmittal:

- Letter of response to address plan review comment letter
- Revised plans and/or revised details: When submitting for a complete re-review, **duplicate sets shall be submitted.**
- Letter Summarizing Changes
- Energy conservation calculations
- Copies of FLOOR plan (be specific).
 - Health Department Request
 - DPZ/ DED Request
 - Applicant's Request
- Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # _____
- Other _____

Contact Person Information: (Required)

Please Print Name _____ Telephone No: _____
E-Mail Address: _____

PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.

Received by Cher

SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSING AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION. (410-313-1855).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" AND REVISIONS THEREOF.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - A 3 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERMETER SLOPES AND ALL SLOPES GREATER THAN 3:1.
 - 7 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" FOR PERMANENT SEEDING (Sec. B-4-5), TEMPORARY SEEDING (Sec. B-4-4) AND MULCHING (Sec. B-4-3). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SOIL ANALYSIS:

TOTAL AREA OF SITE	: 0.88± ACRES
AREA DISTURBED	: 0.83± ACRES
AREA TO BE REVEGETATED OR PAVED	: 0.30± ACRES
AREA TO BE VEGETATIVELY STABILIZED	: 0.53± ACRES
TOTAL CUT	: 1,145± CU. YDS.
TOTAL FILL	: 1,145± CU. YDS.
OFF-SITE WASTE/BORROW AREA LOCATION	: NONE
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO 3 PIPE LENGTHS OR THAT WHICH SHALL BE BACKFILLED AND STABILIZED BY THE END OF EACH WORK DAY, WHICHEVER IS SHORTER.
- ANY CHANGES OR REVISIONS TO THE SEQUENCE OF CONSTRUCTION MUST BE REVIEWED AND APPROVED BY THE PLAN APPROVAL AUTHORITY PRIOR TO PROCEEDING WITH CONSTRUCTION.
- A PROJECT IS TO BE SEQUENCED SO THAT THE GRADING ACTIVITIES BEGIN ON ONE GRADING UNIT (MAXIMUM ACREAGE OF 20 AC. PER GRADING UNIT) AT A TIME. WORK MAY PROCEED TO A SUBSEQUENT GRADING UNIT WHEN AT LEAST 50 PERCENT OF THE DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND APPROVED BY THE ENFORCEMENT AUTHORITY, UNLESS OTHERWISE SPECIFIED AND APPROVED BY THE APPROVAL AUTHORITY, NO MORE THAN 30 ACRES CUMULATIVELY MAY BE DISTURBED AT A GIVEN TIME.

B-4-4 STANDARDS AND SPECIFICATIONS FOR TEMPORARY STABILIZATION

- DEFINITION**
TO STABILIZE DISTURBED SOILS WITH VEGETATION FOR UP TO 6 MONTHS.
- PURPOSE**
TO USE FAST GROWING VEGETATION THAT PROVIDES COVER ON DISTURBED SOILS. TEMPORARY SEEDING SUMMARY BELOW ALONG WITH APPLICATION RATES, SEEDING DATES AND SEEDING DEPTHS. IF THIS SUMMARY IS NOT PUT ON THE PLAN AND COMPLETED, THEN TABLE B.1 PLUS FERTILIZER AND LIME RATES MUST BE PUT ON THE PLAN.
- CRITERIA**
- SELECT ONE OR MORE OF THE SPECIES OR SEED MIXTURES LISTED IN TABLE B.4 FOR THE APPROPRIATE PLANT HARDNESS ZONE (FROM FIGURE B.3), AND ENTER THEM IN THE TEMPORARY SEEDING SUMMARY BELOW ALONG WITH APPLICATION RATES, SEEDING DATES AND SEEDING DEPTHS. IF THIS SUMMARY IS NOT PUT ON THE PLAN AND COMPLETED, THEN TABLE B.1 PLUS FERTILIZER AND LIME RATES MUST BE PUT ON THE PLAN.
 - FOR SITES HAVING SOIL TESTS PERFORMED, USE AND SHOW THE RECOMMENDED RATES BY THE TESTING AGENCY SOIL TESTS ARE NOT REQUIRED FOR TEMPORARY SEEDING.
 - WHEN STABILIZATION IS REQUIRED OUTSIDE OF A SEEDING SEASON, APPLY SEED AND MULCH OR STRAW MULCH ALONE AS PRESCRIBED IN SECTION B-4-3.1.1.B AND MAINTAIN UNTIL THE NEXT SEEDING SEASON.

TEMPORARY SEEDING SUMMARY

HARDNESS ZONE: 6b	SEED MIXTURE: #8	SEEDING DEPTHS	FERTILIZER RATE (10-10-10)	LIME RATE
ANNUAL RYEGRASS	40 lb/oc	Mar. 1 to May 15, Aug. 1 to Oct. 15	436 lb/oc (10 lb./1,000 sq)	2 tons/oc (90 lb./1,000 sq)
PEARL MILLET	20 lb/oc	May 16 to July 31	0.5 INCHES	

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSING AND PERMITS.

Signature 4/16/15
DATE

DEVELOPER'S/BUILDER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR 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 MARYLAND 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 HSCD."

Signature 3/26/15
DATE

ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSING AND PERMITS."

Signature 3/26/15
DATE

APPROVED FOR PRIVATE WELL AND SHARED SEPTIC HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____

GLWGUTSCHICK LITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTNSVILLE OFFICE PARK
BURTNSVILLE, MARYLAND 20866
TEL: 301-421-4024 FAX: 301-421-4188

DATE _____ REVISION _____ BY _____ APPR. _____

B-4-5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION

- DEFINITION**
TO STABILIZE DISTURBED SOILS WITH PERMANENT VEGETATION.
- PURPOSE**
TO USE LONG-LIVED PERENNIAL GRASSES AND LEGUMES TO ESTABLISH PERMANENT GROUND COVER ON DISTURBED SOILS.
- CONDITIONS WHERE PRACTICE APPLIES**
EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR 6 MONTHS OR MORE.

CRITERIA

- GENERAL SPECIFICATIONS
 - SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE PLANT HARDNESS ZONE (FROM FIGURE B.3) AND BASED ON THE SITE CONDITION OR PURPOSE FOUNDED ON TABLE B.2. ENTER SELECTED MIXTURE(S), APPLICATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SUMMARY IS TO BE PLACED ON THE PLAN.
 - ADDITIONAL PLANTING SPECIFICATIONS FOR EXCEPTIONAL SITES SUCH AS SHORELINES, STREAM BANKS, OR DUNES OR FOR SPECIAL PURPOSES SUCH AS WILDLIFE OR AESTHETIC TREATMENT MAY BE FOUND IN USDA-NRCS TECHNICAL FIELD OFFICE GUIDE, SECTION 342 - CRITICAL AREA PLANTING.
 - FOR SITES HAVING DISTURBED AREA OVER 5 ACRES, USE AND SHOW THE RATES RECOMMENDED BY THE SOIL TESTING AGENCY.
 - FOR AREAS RECEIVING LOW MAINTENANCE, APPLY LIME FORM FERTILIZER (46-0-0) AT 3 1/2 POUNDS PER 1000 SQUARE FEET (50 POUNDS PER ACRE) AT THE TIME OF SEEDING IN ADDITION TO THE SOIL AMENDMENTS SHOWN IN THE PERMANENT SEEDING SUMMARY.
- TURFGRASS MIXTURES
 - AREAS WHERE TURFGRASS MAY BE DESIRED INCLUDE LAWNS, PARKS, PLAYGROUNDS, AND COMMERCIAL SITES WHICH WILL RECEIVE A MEDIUM TO HIGH LEVEL OF MAINTENANCE.
 - SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED BELOW BASED ON THE SITE CONDITIONS OR PURPOSE. ENTER SELECTED MIXTURE(S), APPLICATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SUMMARY IS TO BE PLACED ON THE PLAN.
 - KENTUCKY BLUEGRASS: FULL SUN MIXTURE. FOR USE IN AREAS THAT RECEIVE INTENSIVE MANAGEMENT. IRRIGATION REQUIRED IN THE AREAS OF CENTRAL MARYLAND AND EASTERN SHORE. RECOMMENDED CERTIFIED KENTUCKY BLUEGRASS CULTIVARS SEEDING RATE: 1.5 TO 2.0 POUNDS PER 1000 SQUARE FEET. CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRASS CULTIVARS WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGHT.
 - KENTUCKY BLUEGRASS/PERENNIAL RYE: FULL SUN MIXTURE. FOR USE IN FULL SUN AREAS WHERE RAPID ESTABLISHMENT IS NECESSARY AND WHEN TURF WILL RECEIVE MEDIUM TO INTENSIVE MANAGEMENT. CERTIFIED PERENNIAL RYEGRASS/CERTIFIED KENTUCKY BLUEGRASS SEEDING RATE: 2 POUNDS MIXTURE PER 1000 SQUARE FEET. CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRASS CULTIVARS WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGHT.
 - TALL FESCUE/KENTUCKY BLUEGRASS: FULL SUN MIXTURE. FOR USE IN DROUGHT PRONE AREAS AND/OR FOR AREAS RECEIVING LOW TO MEDIUM MAINTENANCE IN FULL SUN TO MEDIUM SHADE. RECOMMENDED MIXTURE INCLUDES: CERTIFIED TALL FESCUE CULTIVARS 95 TO 100 PERCENT, CERTIFIED KENTUCKY BLUEGRASS CULTIVARS 5 TO 5 PERCENT. SEEDING RATE: 5 TO 8 POUNDS PER 1000 SQUARE FEET. ONE OR MORE CULTIVARS MAY BE BLENDED.
 - KENTUCKY BLUEGRASS/FINE FESCUE: SHADE MIXTURE. FOR USE IN AREAS WITH SHADE IN FULL SUN TO MEDIUM SHADE. RECOMMENDED MIXTURE INCLUDES: CERTIFIED KENTUCKY BLUEGRASS CULTIVARS 30 TO 40 PERCENT AND CERTIFIED FINE FESCUE AND 60 TO 70 PERCENT. SEEDING RATE: 1 1/2 TO 3 POUNDS PER 1000 SQUARE FEET.

NOTES

- SELECT TURFGRASS VARIETIES FROM THOSE LISTED IN THE MOST CURRENT UNIVERSITY OF MARYLAND PUBLICATION, AGRONOMY MEMO #77, "TURFGRASS CULTIVAR RECOMMENDATIONS FOR MARYLAND".
- CHOOSE CERTIFIED MATERIAL. CERTIFIED MATERIAL IS THE BEST GUARANTEE OF CULTIVAR PURITY. THE CERTIFICATION PROGRAM OF THE MARYLAND DEPARTMENT OF AGRICULTURE, TURF AND SEED SECTION, PROVIDES A RELIABLE MEANS OF CONSUMER PROTECTION AND ASSURES A PURE GENETIC LINE.

- IDEAL TIMES OF SEEDING FOR TURF GRASS MIXTURES
 - WESTERN MD: MARCH 15 TO JUNE 1, AUGUST 1 TO OCTOBER 1 (HARDNESS ZONES: 5b, 6a)
 - CENTRAL MD: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDNESS ZONE: 6b)
 - SOUTHERN MD, EASTERN SHORE: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDNESS ZONES: 7A, 7b)
- TILL AREAS TO RECEIVE SEED BY DISKING OR OTHER APPROVED METHODS TO A DEPTH OF 2 TO 4 INCHES. LEVEL AND RAKE THE AREAS TO PREPARE A PROPER SEEDBED. REMOVE STONES AND DEBRIS OVER 1 1/2 INCHES IN DIAMETER. THE RESULTING SEEDBED MUST BE IN SUCH CONDITION THAT FUTURE MOWING OF GRASSES WILL POSE NO DIFFICULTY.
- IF SOIL MOISTURE IS DEFICIENT, SUPPLY NEW SEEDINGS WITH ADEQUATE WATER FOR PLANT GROWTH (1/2 TO 1 INCH EVERY 3 TO 4 DAYS DEPENDING ON SOIL TEXTURE) UNTIL THEY ARE FIRMLY ESTABLISHED. THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE MADE LATE IN THE PLANTING SEASON, IN ABNORMALLY DRY OR HOT SEASONS, OR ON ADVERSE SITES.

HARDNESS ZONE: 6b

PERMANENT SEEDING SUMMARY	FERTILIZER RATE (10-20-20)	LIME RATE
*Certified Tall Fescue blend (95% by weight): Falcon IV, Penn 1901 & Rebel Exeeds and Certified Kentucky Bluegrass blend (5% by weight): Courtney, Raven & Yankee	1/4 - 1/2 IN. s.f.	1.0 lb./1000 s.f. (45 lb./acre)

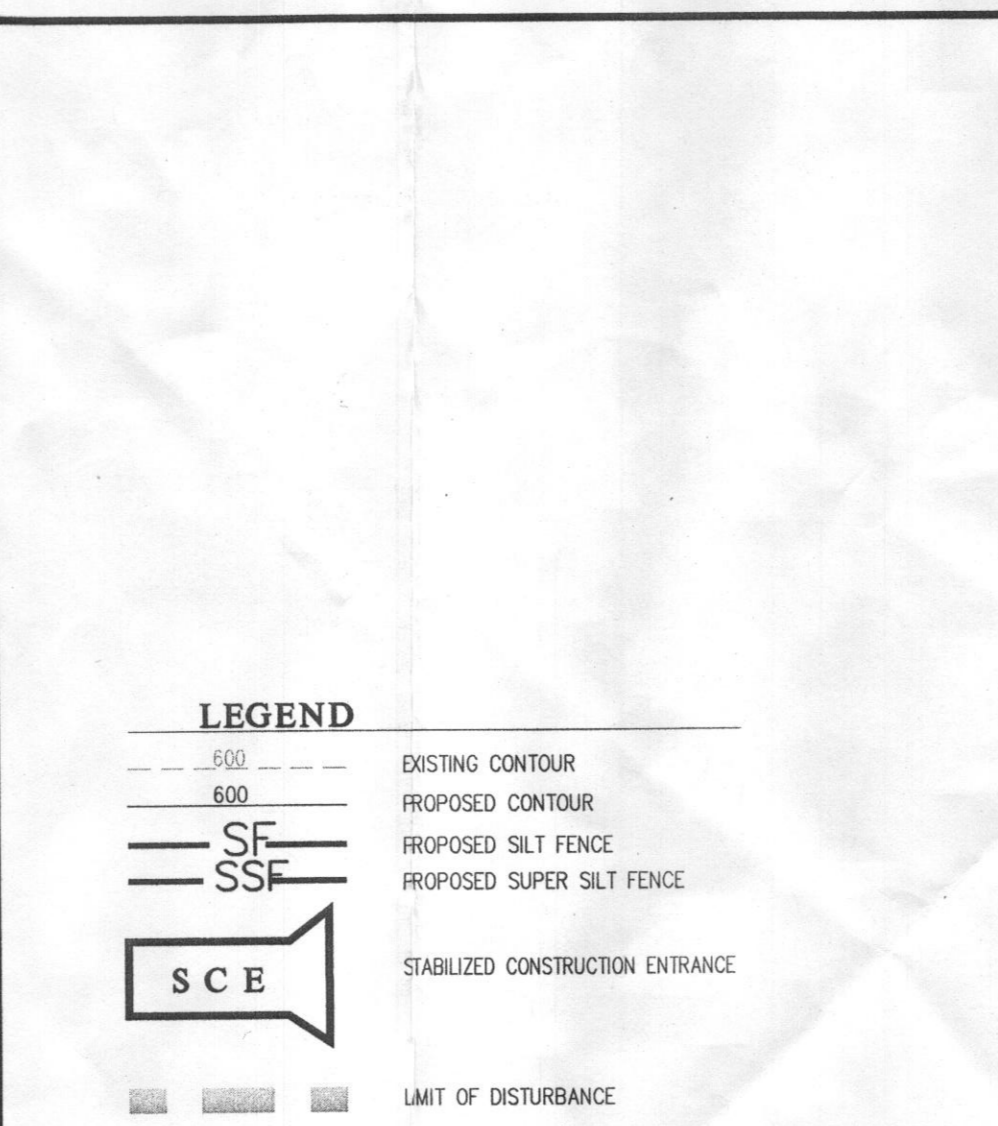
* Other cultivars listed as "proven" in the most current UMD TT-77 may also be used

- SOIL TO PROVIDE QUICK COVER ON DISTURBED AREAS (2:1 GRADE OR FLATTER).
- GENERAL SPECIFICATIONS
 - CLASS OF TURFGRASS SOD MUST BE MARYLAND STATE CERTIFIED. SOD LABELS MUST BE MADE AVAILABLE TO THE JOB FOREMAN AND INSPECTOR.
 - SOD MUST BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 3/4 INCH, PLUS OR MINUS 1/4 INCH. AT THE TIME OF CUTTING MEASUREMENT FOR THICKNESS MUST EXCLUDE TOP GROWTH AND THATCH. BROKEN PADS AND TORN OR UNEVEN ENDS WILL NOT BE ACCEPTABLE.
 - STANDARD SIZE SECTIONS OF SOD MUST BE STRONG ENOUGH TO SUPPORT THEIR OWN WEIGHT AND RETAIN THEIR SIZE AND SHAPE WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP ON THE UPPER 10 PERCENT OF THE SECTION.
 - SOD MUST NOT BE HARVESTED OR TRANSPORTED WHEN MOISTURE CONTENT (EXCESSIVELY DRY OR WET) MAY ADVERSELY AFFECT ITS SURVIVAL.
 - SOD MUST BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS. SOD NOT TRANSPORTED WITHIN THIS PERIOD MUST BE APPROVED BY AN AGRONOMIST OR SOIL SCIENTIST PRIOR TO ITS INSTALLATION.
- SOIL INSTALLATION
 - DURING PERIODS OF EXCESSIVELY HIGH TEMPERATURE OR IN AREAS HAVING DRY SUBSOIL, LIGHTLY IRRIGATE THE SUBSOIL IMMEDIATELY PRIOR TO LAYING THE SOD.
 - LAY THE FIRST ROW OF SOD IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED PARALLEL TO IT AND TIGHTLY WEDGED AGAINST EACH OTHER. STAGGER LATERAL JOINTS TO PROMOTE MORE UNIFORM GROWTH AND STRENGTH. ENSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE AIR DRYING OF THE ROOTS.
 - WHEREVER POSSIBLE, LAY SOD WITH THE LONG EDGES PARALLEL TO THE CONTOUR AND WITH STAGGERING JOINTS. ROLL AND TAMP, PEG OR OTHERWISE SECURE THE SOD TO PREVENT SLIPPAGE ON SLOPES. ENSURE SOLID CONTACT EXISTS BETWEEN SOD ROOTS AND THE UNDERLYING SOIL SURFACE.
 - WATER THE SOD IMMEDIATELY FOLLOWING ROLLING AND TAMPING UNTIL THE UNDERSIDE OF THE NEW SOD PAD AND SOIL SURFACE ABOVE THE SOD ARE THOROUGHLY WET. COMPLETE OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD WITHIN EIGHT HOURS.
- SOIL MAINTENANCE
 - IN THE ABSENCE OF ADEQUATE RAINFALL, WATER DAILY DURING THE FIRST WEEK OR AS OFTEN AND SUFFICIENTLY AS NECESSARY TO MAINTAIN MOST SOIL TO A DEPTH OF 4 INCHES. WATER SOD DURING THE HEAT OF THE DAY TO PREVENT WILTING.
 - AFTER THE FIRST WEEK, SOD WATERING IS REQUIRED AS NECESSARY TO MAINTAIN ADEQUATE MOISTURE CONTENT.
 - DO NOT MOW UNTIL THE SOD IS FIRMLY ROOTED. NO MORE THAN 1/3 OF THE GRASS LEAF MUST BE REMOVED BY THE INITIAL CUTTING OR SUBSEQUENT CUTTINGS. MAINTAIN A GRASS HEIGHT OF AT LEAST 3 INCHES UNLESS OTHERWISE SPECIFIED.

SEQUENCE OF CONSTRUCTION

- APPLY FOR A GRADING PERMIT AND A BUILDING PERMIT.
- IF THE HOUSE CONSTRUCTION AND ASSOCIATED GRADING WORK ON THIS LOT OCCURS WHILE THE F-06-031 ROAD CONSTRUCTION WORK IS STILL ACTIVE, COORDINATE THE HOUSE CONSTRUCTION/GRADING WORK WITH THE F-06-031 SEDIMENT CONTROL MEASURES. OTHERWISE, INSTALL THE SUPER SILT FENCE (-SSF-), SILT FENCE (-SF-) AND THE STABILIZED CONSTRUCTION ENTRANCE (SCE) FOR THIS LOT AS SHOWN.
- CONSTRUCT THIS HOME SITE.
- STABILIZE ALL REMAINING DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES OR WITH MARYLAND CERTIFIED SOD.
- OBTAIN PERMISSION FROM THE COUNTY SEDIMENT CONTROL INSPECTOR (CSDI) TO REMOVE ANY SEDIMENT CONTROL FEATURES THAT ARE NO LONGER NEEDED.

- THE LOT SHOWN IS 42,621 S.F. AND IT IS RECORDED UNDER PLAT NO. 19220-19227 AMONG THE LAND RECORDED OF HOWARD COUNTY, MARYLAND.
- EXISTING TOPOGRAPHY IS FROM F-06-031. CALL G.L.W. IF FIELD CONDITIONS ARE SUBSTANTIALLY DIFFERENT.
- THIS LOT IS SERVED BY A PRIVATE WELL AND BY A COMMUNITY SEPTIC SYSTEM PER F-06-031 & CONTRACT #60-4330-D.
- STORMWATER MANAGEMENT IS PROVIDED BY THE PONDS CONSTRUCTED UNDER F-06-31.
- THE EXISTING WELL SHOWN ON THIS PLAN (IDENTIFIED WITH THE WELL TAG NUMBER HO-95-0607) HAS BEEN FIELD LOCATED BY G.L.W. (PROFESSIONAL LAND SURVEYORS) AND IS ACCURATELY SHOWN ON THIS PLAN.
- THE PLUMBER SHALL START AT THE GRINDER PUMP AND WORK TO THE HOUSE, INSTALLING THE SINK PUMP INFORMATION IS FROM DESIGN PLAN AND SHALL BE AS-BUILT AT HOUSE STAKE-OUT TO VERIFY WHETHER SERVICE IS TO THE BASEMENT LEVEL OR ONLY TO THE FIRST FLOOR LEVEL.
- STANDARD SILT FENCE CAN BE CHANGED TO SUPER SILT FENCE AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR.



PREPARED FOR: _____

ARCHITECT: ALTER URBAN 261 ROBERT STREET BALTIMORE, MD 21217 phone: 202.817.3423 www.alterurban.com

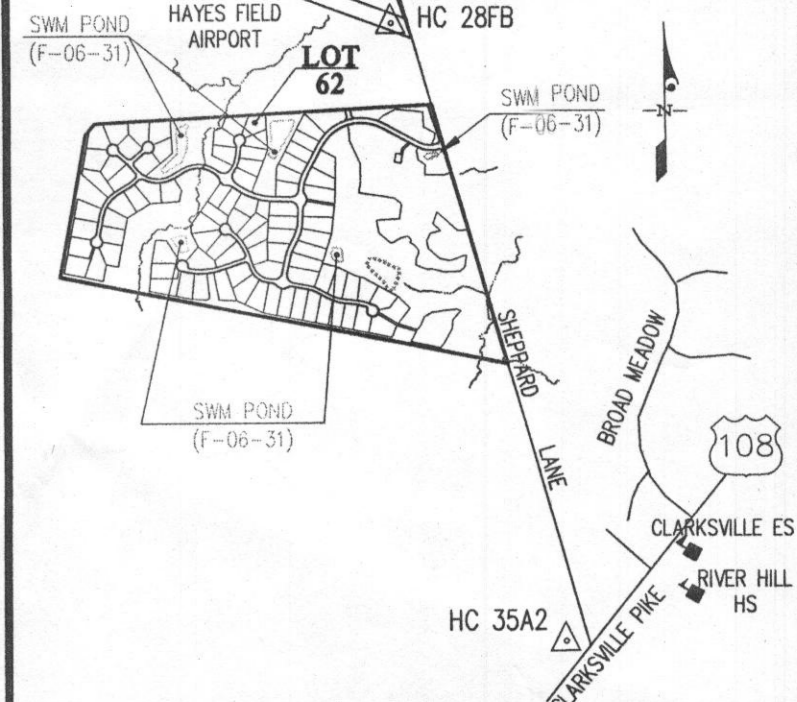
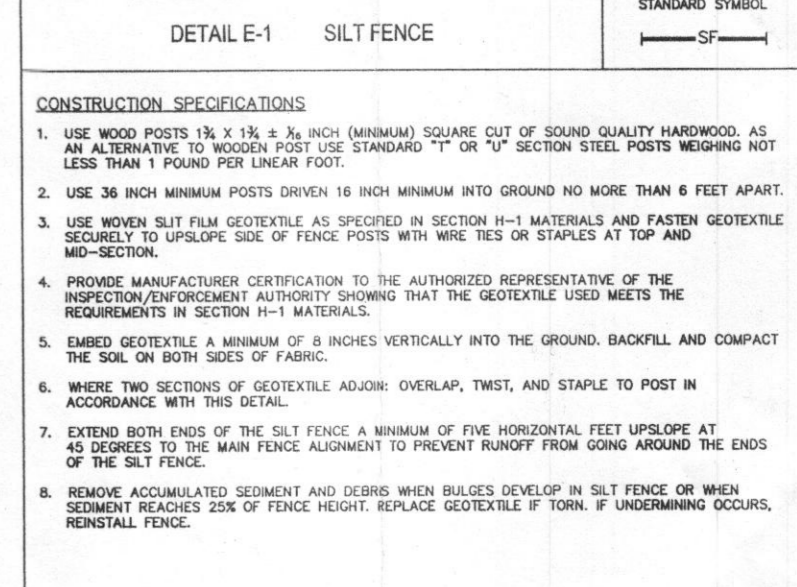
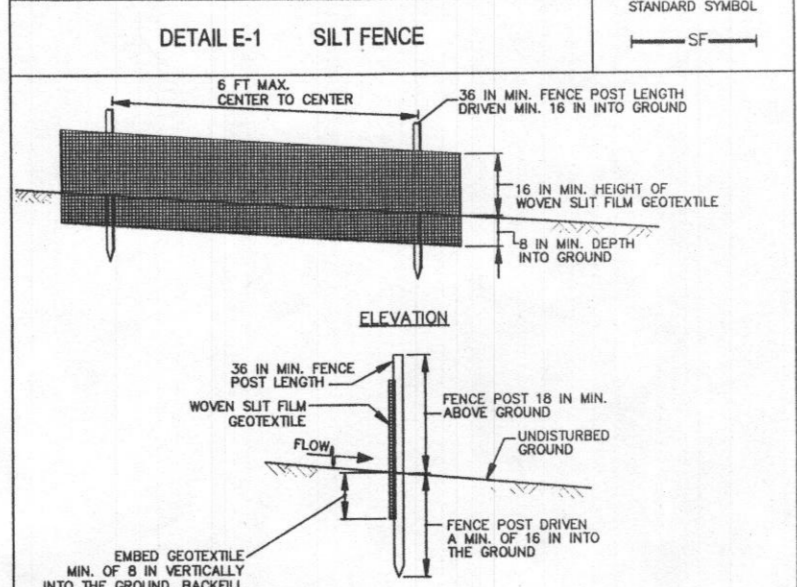
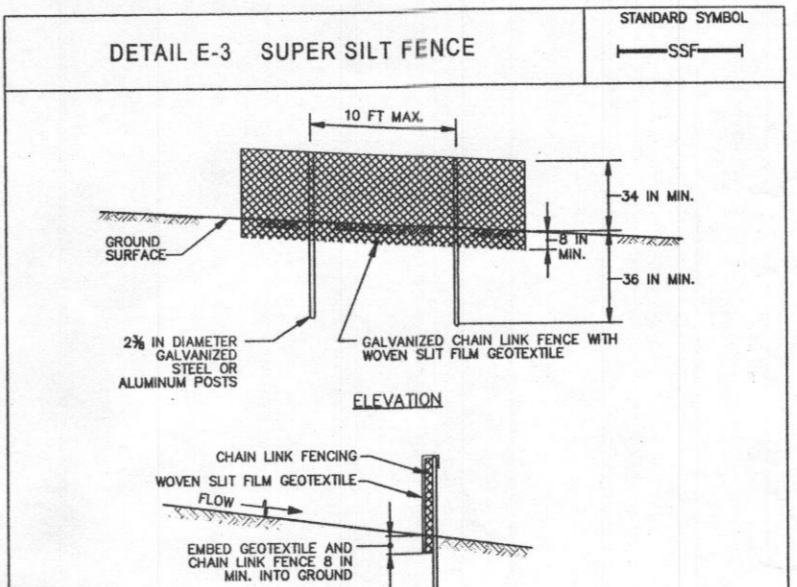
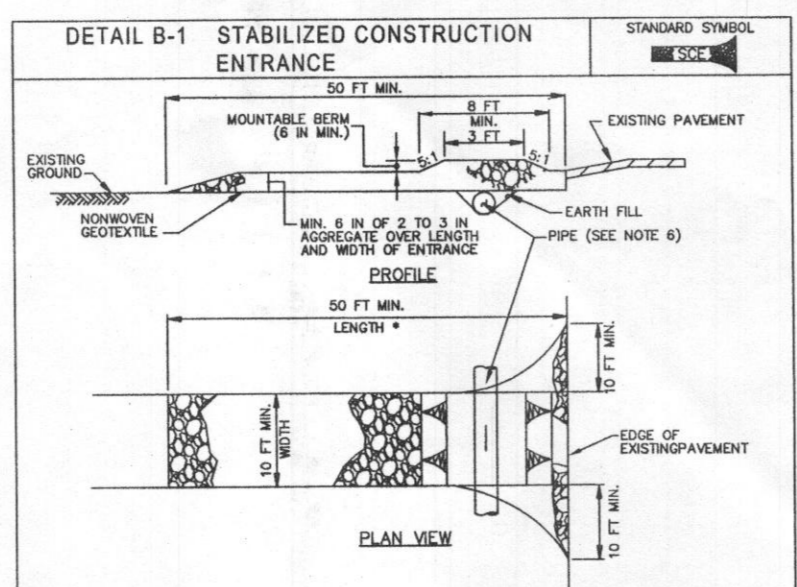
OWNER: KALRA FAMILY 11335 BISHOPS GATE LANE LAUREL, MD 20723

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12975, EXPIRATION DATE: MAY 26, 2016

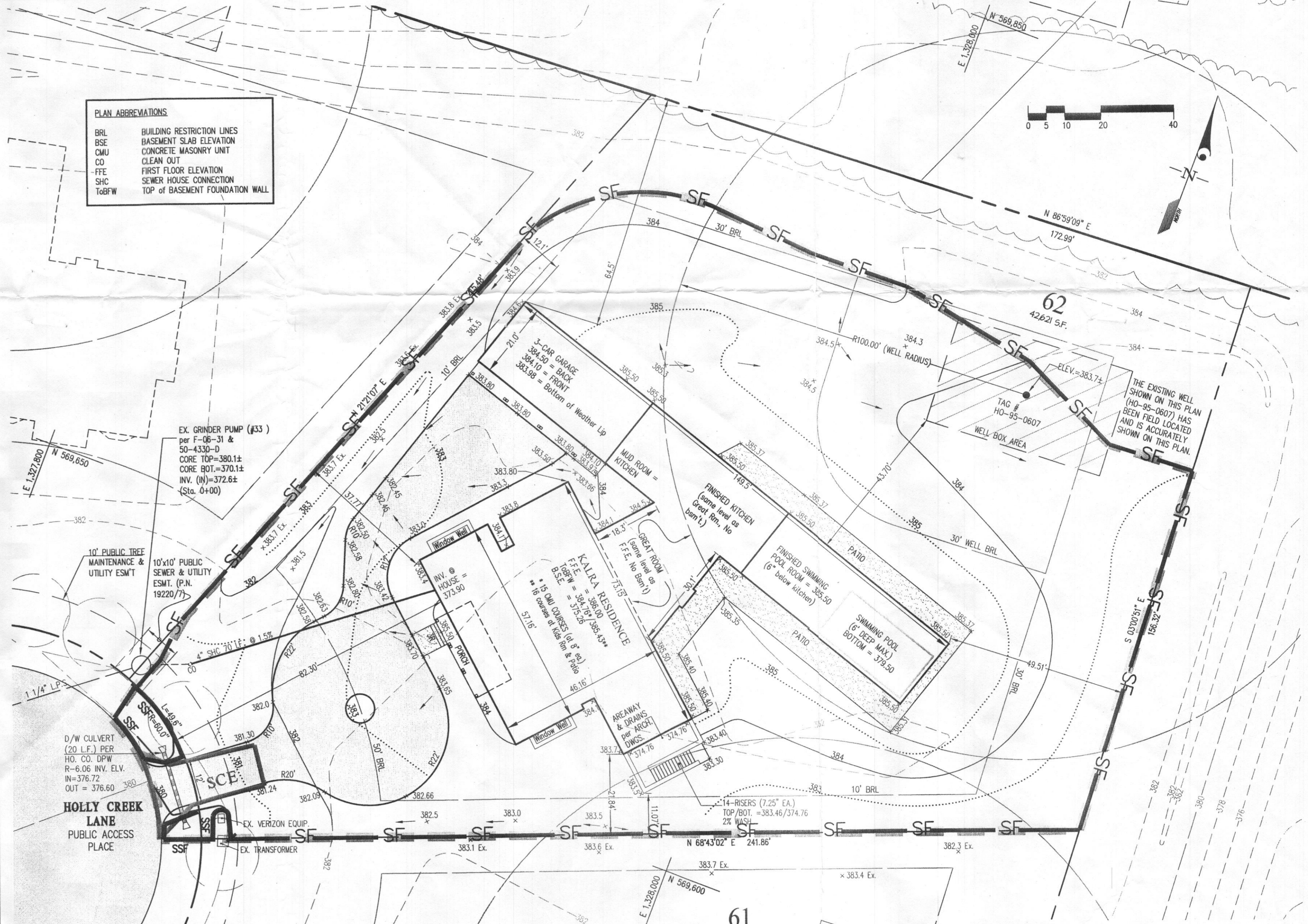
Signature 3/26/15

ELECTION DISTRICT No. 5



BENCHMARKS

35A2	NORTHING: 58154.799 ft	28FB	NORTHING: 57070.155 ft
	EASTING: 133120.085 ft		EASTING: 132925.498 ft
	ELEVATION: 488.647 ft		ELEVATION: 386.506 ft



WALNUT GROVE
LOT 62 (518 HOLLY CREEK LANE)
PLAT Nos. 19220-19227

SCALE: 1"=20'
ZONING: RC-DEO
G. L. W. FILE No. 04045

DATE: MAR/2015
TAX MAP - GRID: 28 - 18, 17
SHEET: 1 of 1

HOWARD COUNTY, MARYLAND

PROJECT NAME:
KALRA RESIDENCE

5118 HOLLY CREEK LANE
CLARKSVILLE, MD 21029

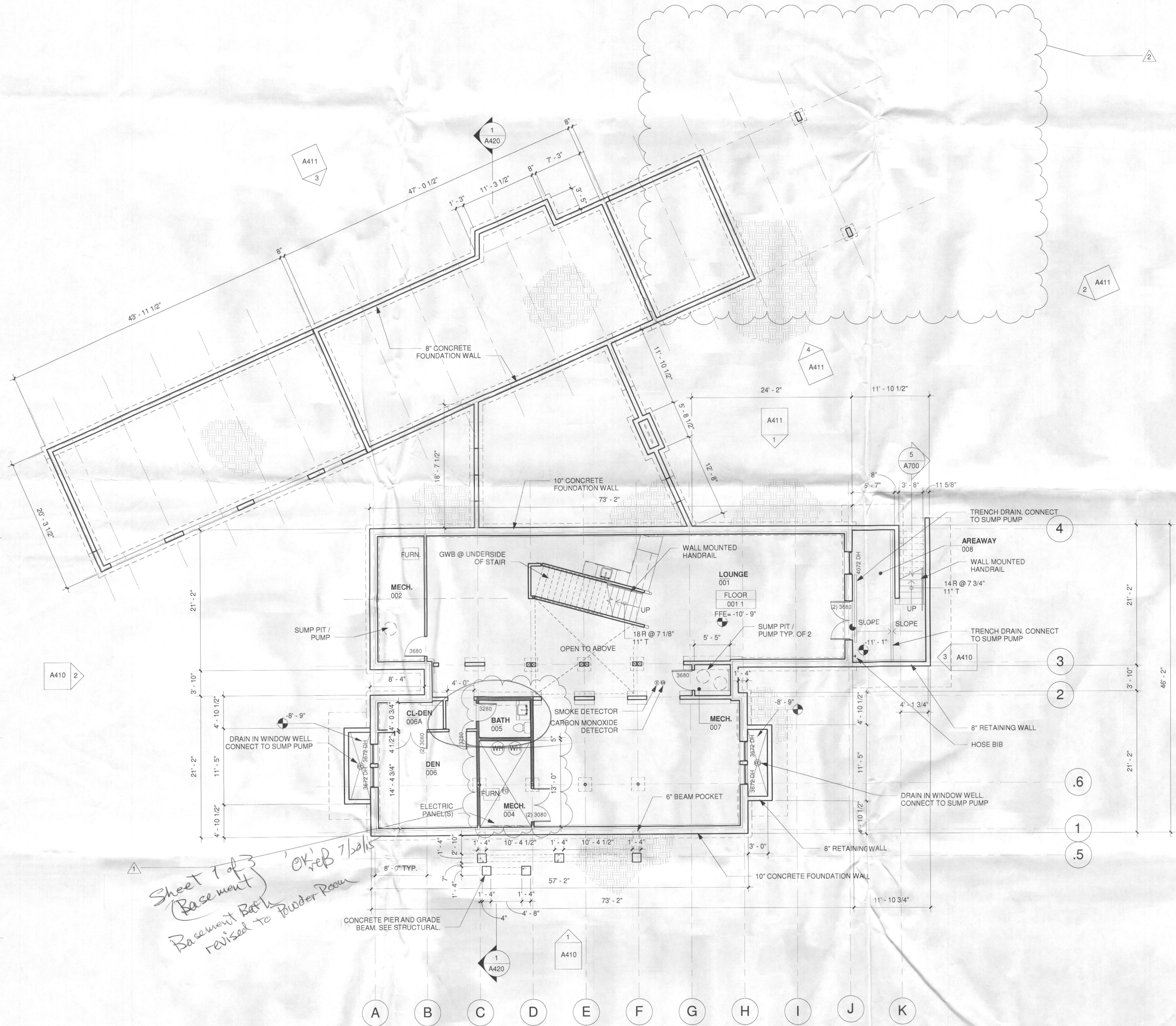
OWNER:

KALRA FAMILY

11305 BISHOPS GATE LANE
LAUREL, MD 20723

ASSEMBLY LEGEND

001 1	SLAB ON GRADE: FINISH VARIES / 4" CAST-IN-PLACE CONCRETE W/WELDED WIRE MESH REINFORCING / 6 MIL VAPOR BARRIER / 4" XPS INSULATION / 4" GRAVEL BASE / COMPACTED EARTH.
001 2	WOOD FRAME: 3/4" WOOD T&G FLOORING / 3/4" PLYWOOD SHEATHING / FLOOR FRAMING PER STRUCTURAL PLANS.
001 3	1" FLAGSTONE / MORTAR BED / 5/8" DENSDECK SHEATHING / 3/4" PLYWOOD SHEATHING / FLOOR FRAMING PER STRUCTURAL PLANS.
001 4	PATIO: 2" CONCRETE PAVER / 2" SAND BASE / 4" GRAVEL FILL.
001 5	SLAB ON GRADE: 4" CAST-IN-PLACE CONCRETE W/ WELDED WIRE MESH REINFORCING / 4" GRAVEL BASE / COMPACTED EARTH.
002 1	10" FOUNDATION WALL: 2" XPS INSULATION / DAMPROOFING / 10" CAST-IN-PLACE CONCRETE W/ (4) #4 HOR. AND #4 @ 24" O.C. VERT. / 2X4 WOOD STUD @ 24" O.C. W/ R-13 BATT INSULATION / 1/2" GWB (OR SIMILAR).
002 2	8" FOUNDATION WALL: DAMPROOFING / 8" CAST-IN-PLACE CONCRETE W/ (3) #4 HOR. AND #4 @ 48" O.C. VERT.
002 3	8" FOUNDATION WALL: 2" XPS INSULATION / DAMPROOFING / 8" CAST-IN-PLACE CONCRETE W/ (3) #4 HOR. AND #4 @ 48" O.C. VERT. / 2" XPS INSULATION.
002 4	6" WOOD FRAME WALL: HARDIE BOARD AND BATTEN / 1" CONTINUOUS XPS INSULATION / BUILDING PAPER / 1/2" PLYWOOD SHEATHING / 2X6 WOOD STUD @ 16" O.C. W/ MIN. R-13 BATT INSULATION / 1/2" GWB (OR SIMILAR).
002 5	BRICK VENEER WALL: FACE BRICK W/ CORRUGATED WALL TIES @ 16" O.C. VERT. / 1" AIR GAP / 1" CONTINUOUS XPS INSULATION / BUILDING PAPER / 1/2" PLYWOOD SHEATHING / 2X6 WOOD STUD @ 16" O.C. W/ MIN. R-13 BATT INSULATION / 1/2" GWB (OR SIMILAR).
002 6	8" RETAINING WALL ASSEMBLY: [ABOVE GRADE] 4" FACE BRICK ON 4" CAST-IN-PLACE STEM WALL / [BELOW GRADE] 8" CAST-IN-PLACE CONCRETE W/ REINFORCING PER DETAILS.
002 7	INTERIOR BEARING WALL: FINISH VARIES / 2X6 WOOD STUD @ 16" O.C.
002 9	CHIMNEY WALL: FACE BRICK / CORRUGATED WALL TIES @ 16" O.C. VERT. / 8" CAST IN PLACE CONCRETE W/ (3) #4 HOR. AND #4 @ 48" O.C. VERT.
003 1	SHINGLE ROOF: ASPHALT SHINGLE / FELT PAPER / 1/2" EXTERIOR PLYWOOD SHEATHING / ROOF STRUCTURE W/ R-49 BATT INSULATION.
003 2	EPDM ROOF: EPDM MEMBRANE FULLY ADHERED / MIN. 4" TAPERED XPS INSULATION / 5/8" PLYWOOD SHEATHING / ROOF FRAMING W/ R-49 BATT INSULATION.
003 3	NOT USED
003 4	METAL ROOF: STANDING SEAM METAL ROOF (BRONZE) / ROOFING FELT / 5/8" PLYWOOD SHEATHING / ROOF STRUCTURE.



CIVIL ENGINEER:
GUTSCHICK, LITTLE & WEBER, P.A.
3908 NATIONAL DRIVE, STE. 250
BURTONSVILLE, MD 20866
P: 301-421-4024
F: 301-042104186

STRUCTURAL ENGINEER:
D. ANTHONY BEALE, LLC
CONSULTING STRUCTURAL ENGINEERS
8634 TUTTLE RD.
SPRINGFIELD, VA 22152
P: 202-669-2272
F: 703-923-0075

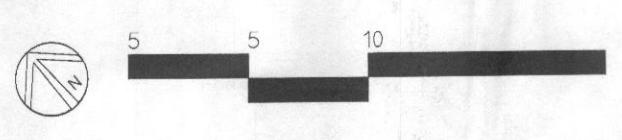
DESIGNED BY: ALTER URBAN
261 ROBERT ST.
BALTIMORE, MD 21217
P: 410.225.0930
F: 410.225.0893



No.	Date	Description
2	07-10-15	PERMIT REVISION 2
1	05-21-15	PERMIT REVISION

Revisions

1 00 - LOWER LEVEL
A200 1/8" = 1'-0"



ISSUE SET
PERMIT DRAWINGS
04-27-15

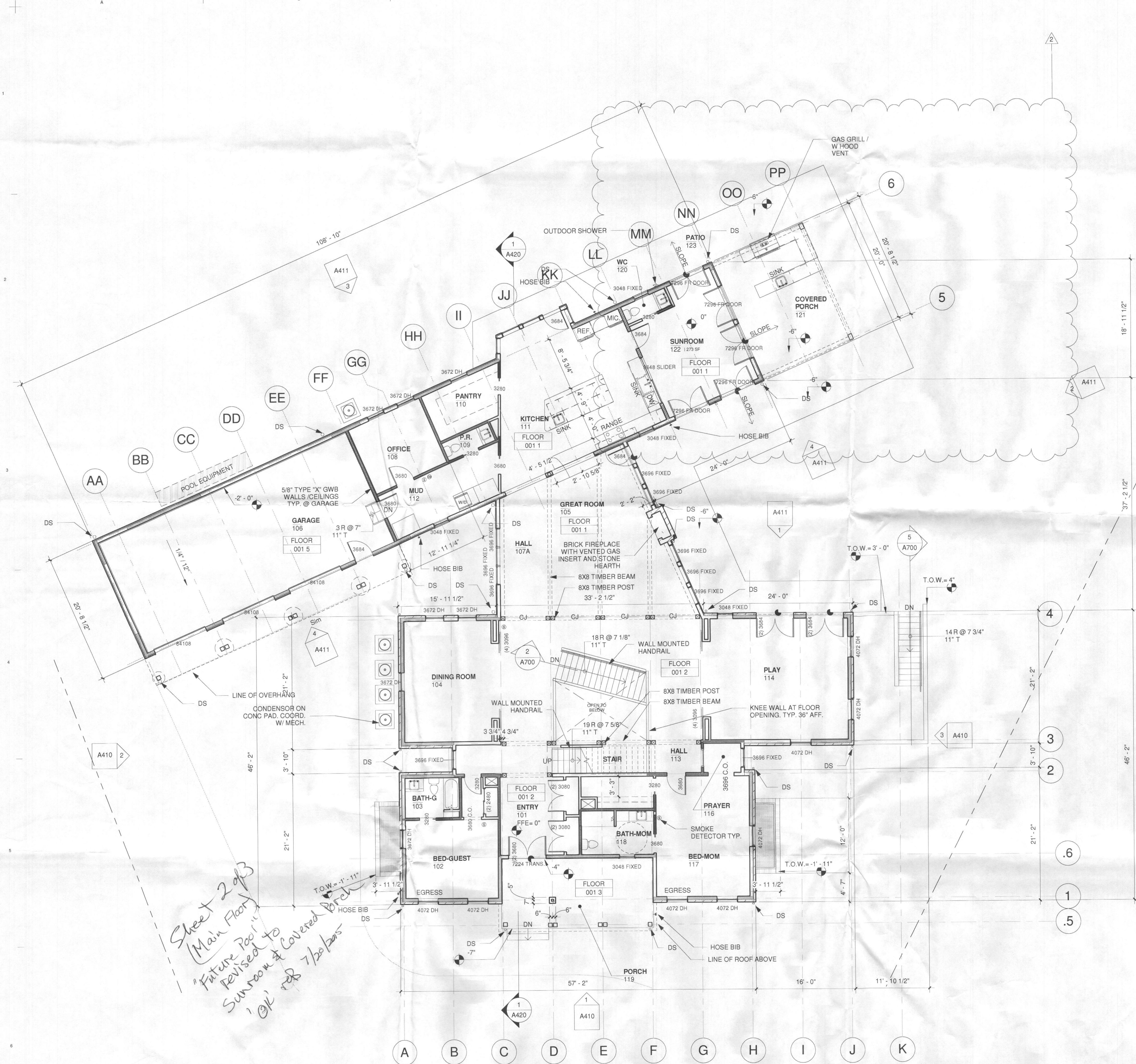
SHEET NAME
PROPOSED FLOOR PLAN - LOWER LEVEL

ALTER URBAN PROJECT
0159.00
DESIGN BY
AB/JS

SHEET NUMBER

A200

THIS DESIGN AND DRAWING ARE PROPERTY OF ALTER URBAN LLC AND INTENDED FOR THE SPECIFIC PROJECT INDICATED. NOT TO BE USED FOR OTHER PROJECTS WITHOUT WRITTEN PERMISSION. ORIGINAL DRAWING PRODUCED FOR ARCH D SHEET (24/06).



Sheet 2 of 3
 (Main Floor)
 Future Pool
 Revised to
 Sunroom & Covered Porch
 @ 1/8" = 1'-0"

ASSEMBLY LEGEND	
001 1	SLAB ON GRADE: FINISH VARIES / 4" CAST-IN-PLACE CONCRETE W/WELDED WIRE MESH REINFORCING / 6 MIL VAPOR BARRIER / 4" XPS INSULATION / 4" GRAVEL BASE / COMPACTED EARTH.
001 2	WOOD FRAME: 3/4" WOOD T&G FLOORING / 3/4" PLYWOOD SHEATHING / FLOOR FRAMING PER STRUCTURAL PLANS.
001 3	1" FLAGSTONE / MORTAR BED / 5/8" DENSDECK SHEATHING / 3/4" PLYWOOD SHEATHING / FLOOR FRAMING PER STRUCTURAL PLANS.
001 4	PATIO: 2" CONCRETE PAVER / 2" SAND BASE / 4" GRAVEL FILL.
001 5	SLAB ON GRADE: 4" CAST-IN-PLACE CONCRETE W/WELDED WIRE MESH REINFORCING / 4" GRAVEL BASE / COMPACTED EARTH.
002 1	10" FOUNDATION WALL: 2" XPS INSULATION / DAMPROOFING / 10" CAST-IN-PLACE CONCRETE W/ (4) #4 @ 24" O.C. VERT. / 2X4 WOOD STUD @ 24" O.C. W/ R13 BATT INSULATION / 1/2" GWB (OR SIMILAR).
002 2	8" FOUNDATION WALL: DAMPROOFING / 8" CAST-IN-PLACE CONCRETE W/ (3) #4 HOR. AND #4 @ 48" O.C. VERT.
002 3	8" FOUNDATION WALL: 2" XPS INSULATION / DAMPROOFING / 8" CAST-IN-PLACE CONCRETE W/ (3) #4 HOR. AND #4 @ 48" O.C. VERT. / 2" XPS INSULATION.
002 4	8" WOOD FRAME WALL: HARDIE BOARD AND BATTEN / 1" CONTINUOUS XPS INSULATION / BUILDING PAPER / 1/2" PLYWOOD SHEATHING / 2X6 WOOD STUD @ 16" O.C. W/ MIN. R-13 BATT INSULATION / 1/2" GWB (OR SIMILAR).
002 5	BRICK VENEER WALL: FACE BRICK W/ CORRUGATED WALL TIES @ 16" O.C. VERT. / 1" AIR GAP / 1" CONTINUOUS XPS INSULATION / BUILDING PAPER / 1/2" PLYWOOD SHEATHING / 2X6 WOOD STUD @ 16" O.C. W/ MIN. R-13 BATT INSULATION / 1/2" GWB (OR SIMILAR).
002 6	8" RETAINING WALL ASSEMBLY: [ABOVE GRADE] 4" FACE BRICK ON 4" CAST-IN-PLACE STEM WALL / [BELOW GRADE] 8" CAST-IN-PLACE CONCRETE W/ REINFORCING PER DETAILS.
002 7	INTERIOR BEARING WALL: FINISH VARIES / 2X6 WOOD STUD @ 16" O.C.
002 9	CHIMNEY WALL: FACE BRICK / CORRUGATED WALL TIES @ 16" O.C. VERT. / 8" CAST IN PLACE CONCRETE W/ (3) #4 HOR. AND #4 @ 48" O.C. VERT.
003 1	SINGLE ROOF: ASPHALT SHINGLE / FELT PAPER / 1/2" EXTERIOR PLYWOOD SHEATHING / ROOF STRUCTURE W/ R-49 BATT INSULATION.
003 2	EPDM ROOF: EPDM MEMBRANE FULLY ADHERED / MIN. 4" TAPERED XPS INSULATION / 5/8" PLYWOOD SHEATHING / ROOF FRAMING W/ R-49 BATT INSULATION.
003 3	NOT USED
003 4	METAL ROOF: STANDING SEAM METAL ROOF (BRONZE) / ROOFING FELT / 5/8" PLYWOOD SHEATHING / ROOF STRUCTURE.

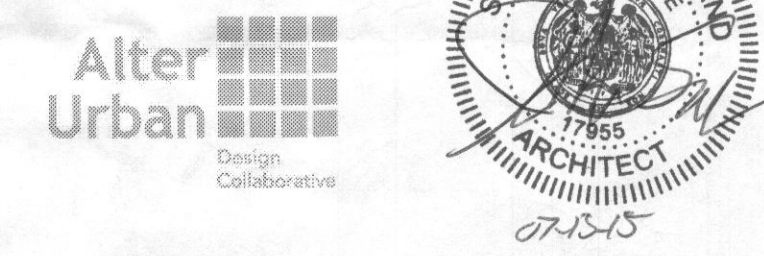
PROJECT NAME:
KALRA RESIDENCE
 5118 HOLLY CREEK LANE
 CLARKSVILLE, MD 21029

OWNER:
KALRA FAMILY
 11305 BISHOPS GATE LANE
 LAUREL, MD 20723

CIVIL ENGINEER:
GUTSCHICK, LITTLE & WEBER, P.A.
 3909 NATIONAL DRIVE, STE. 250
 BURTONSVILLE, MD 20866
 P: 301-421-4024
 F: 301042104186

STRUCTURAL ENGINEER:
D. ANTHONY BEALE, LLC
 CONSULTING STRUCTURAL ENGINEERS
 8634 TUTTLE RD.
 SPRINGFIELD, VA 22152
 P: 703-659-2272
 F: 703-923-0075

DESIGNED BY: ALTER URBAN
 261 ROBERT ST.
 BALTIMORE, MD 21217
 P: 410.225.0930
 F: 410.225.0893



No.	Date	Description
2	07-10-15	PERMIT REVISION 2
1	05-21-15	PERMIT REVISION

Revisions

ISSUE SET
 PERMIT DRAWINGS
 04-27-15

SHEET NAME
PROPOSED FLOOR PLAN - 1ST FLOOR

ALTER URBAN PROJECT
 0159.00

DESIGNED BY
 JS/AB

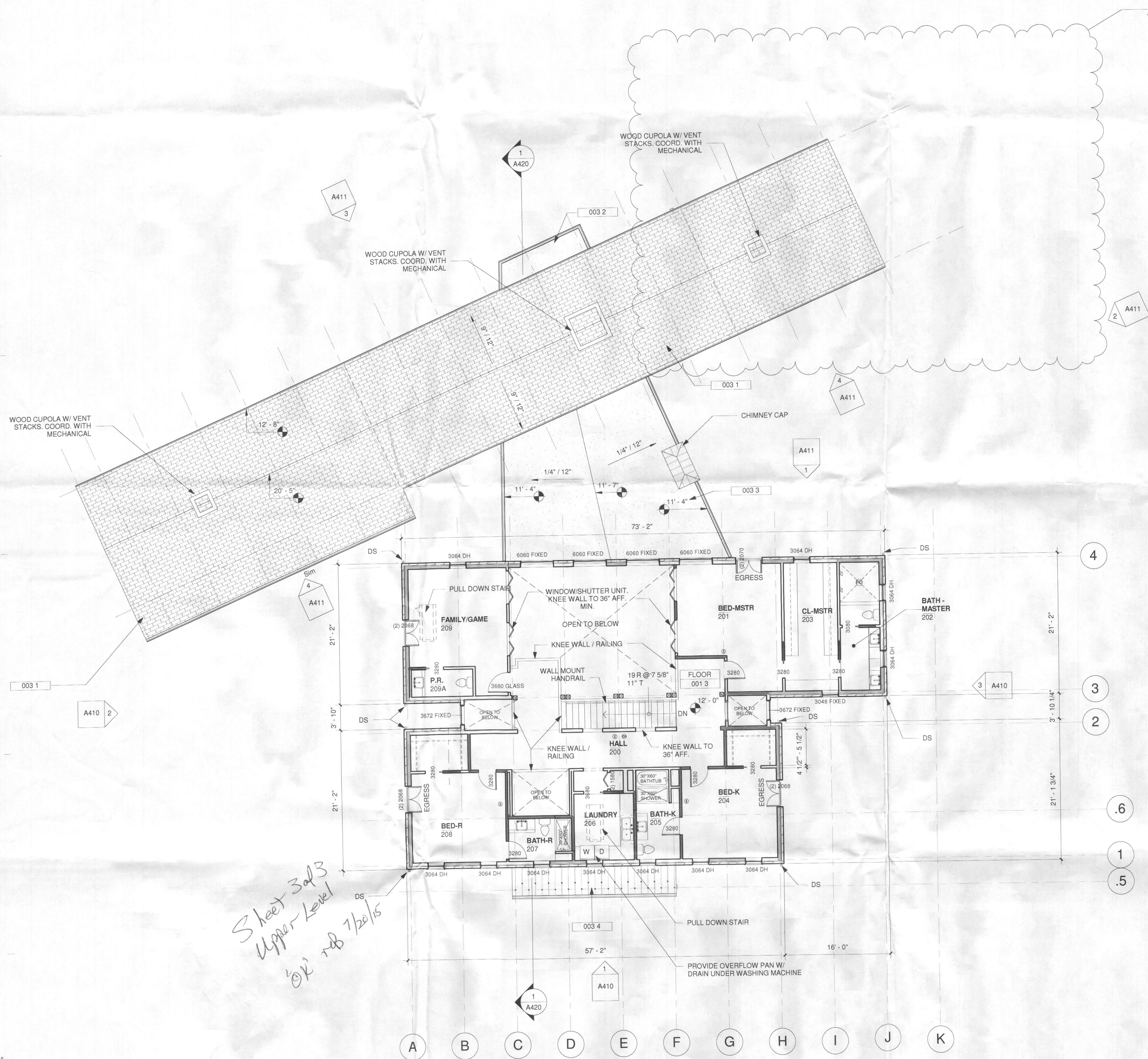
SHEET NUMBER
A201

THIS DESIGN AND DRAWING ARE PROPERTY OF ALTER URBAN LLC AND INTENDED FOR THE SPECIFIC PROJECT INDICATED. NOT TO BE USED FOR OTHER PROJECTS WITHOUT WRITTEN PERMISSION. ORIGINAL DRAWING PRODUCED FOR ARCH D SHEET (2x60).

PROJECT NAME:
KALRA RESIDENCE
 5118 HOLLY CREEK LANE
 CLARKSVILLE, MD 21029

OWNER:
KALRA FAMILY
 11305 BISHOPS GATE LANE
 LAUREL, MD 20723

ASSEMBLY LEGEND	
001 1	SLAB ON GRADE: FINISH VARIES / 4" CAST-IN-PLACE CONCRETE W/WELDED WIRE MESH REINFORCING / 6 MIL VAPOR BARRIER / 4" XPS INSULATION / 4" GRAVEL BASE / COMPACTED EARTH.
001 2	WOOD FRAME: 3/4" WOOD T&G FLOORING / 3/4" PLYWOOD SHEATHING / FLOOR FRAMING PER STRUCTURAL PLANS.
001 3	1" FLAGSTONE / MORTAR BED / 5/8" DENSDECK SHEATHING / 3/4" PLYWOOD SHEATHING / FLOOR FRAMING PER STRUCTURAL PLANS.
001 4	PATIO: 2" CONCRETE PAVER / 2" SAND BASE / 4" GRAVEL FILL.
001 5	SLAB ON GRADE: 4" CAST-IN-PLACE CONCRETE W/WELDED WIRE MESH REINFORCING / 4" GRAVEL BASE / COMPACTED EARTH.
002 1	10" FOUNDATION WALL: 2" XPS INSULATION / DAMPROOFING / 10" CAST-IN-PLACE CONCRETE W/ (4) #4 HOR. AND #4 @ 24" O.C. VERT. / 2X4 WOOD STUD @ 24" O.C. W/ R13 BATT INSULATION / 1/2" GWB (OR SIMILAR).
002 2	8" FOUNDATION WALL: DAMPROOFING / 8" CAST-IN-PLACE CONCRETE W/ (3) #4 HOR. AND #4 @ 48" O.C. VERT.
002 3	8" FOUNDATION WALL: 2" XPS INSULATION / DAMPROOFING / 8" CAST-IN-PLACE CONCRETE W/ (3) #4 HOR. AND #4 @ 48" O.C. VERT. / 2" XPS INSULATION.
002 4	6" WOOD FRAME WALL: HARDIE BOARD AND BATTEN / 1" CONTINUOUS XPS INSULATION / BUILDING PAPER / 1/2" PLYWOOD SHEATHING / 2X6 WOOD STUD @ 16" O.C. W/ MIN. R-13 BATT INSULATION / 1/2" GWB (OR SIMILAR).
002 5	BRICK VENEER WALL: FACE BRICK W/ CORRUGATED WALL TIES @ 16" O.C. VERT. / 1" AIR GAP / 1" CONTINUOUS XPS INSULATION / BUILDING PAPER / 1/2" PLYWOOD SHEATHING / 2X6 WOOD STUD @ 16" O.C. W/ MIN. R-13 BATT INSULATION / 1/2" GWB (OR SIMILAR).
002 6	8" RETAINING WALL ASSEMBLY: [ABOVE GRADE] 4" FACE BRICK ON 4" CAST-IN-PLACE STEM WALL / [BELOW GRADE] 8" CAST-IN-PLACE CONCRETE W/ REINFORCING PER DETAILS.
002 7	INTERIOR BEARING WALL: FINISH VARIES / 2X6 WOOD STUD @ 16" O.C.
002 9	CHIMNEY WALL: FACE BRICK / CORRUGATED WALL TIES @ 16" O.C. VERT. / 8" CAST-IN-PLACE CONCRETE W/ (3) #4 HOR. AND #4 @ 48" O.C. VERT.
003 1	SHINGLE ROOF: ASPHALT SHINGLE / FELT PAPER / 1/2" EXTERIOR PLYWOOD SHEATHING / ROOF STRUCTURE W/ R-49 BATT INSULATION.
003 2	EPDM ROOF: EPDM MEMBRANE FULLY ADHERED / MIN. 4" TAPERED XPS INSULATION / 5/8" PLYWOOD SHEATHING / ROOF FRAMING W/ R-49 BATT INSULATION.
003 3	NOT USED
003 4	METAL ROOF: STANDING SEAM METAL ROOF (BRONZE) / ROOFING FELT / 5/8" PLYWOOD SHEATHING / ROOF STRUCTURE.

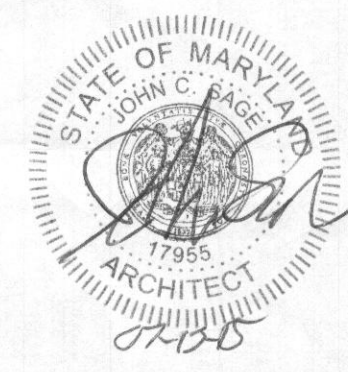


*Sheet 3 of 3
 Upper Level
 02' rd 7/20/15*

CIVIL ENGINEER:
 GUTSCHICK, LITTLE & WEBER, P.A.
 3909 NATIONAL DRIVE, STE. 250
 BURTONSVILLE, MD 20886
 P: 301-421-4024
 F: 301-0421-04186

STRUCTURAL ENGINEER:
 D. ANTHONY BEALE, LLC
 CONSULTING STRUCTURAL ENGINEERS
 8634 TUTTLE RD.
 SPRINGFIELD, VA 22152
 P: 702-669-2272
 F: 703-923-0075

DESIGNED BY: ALTER URBAN
 261 ROBERT ST.
 BALTIMORE, MD 21217
 P: 410.225.0930
 F: 410.225.0893



No.	Date	Description
2	07-10-15	PERMIT REVISION 2
1	05-21-15	PERMIT REVISION 1

SCALE: 5/8"
 PERMIT DRAWINGS
 04-27-15
 SHEET NAME:
PROPOSED FLOOR PLAN - 2ND FLOOR
 ALTER URBAN PROJECT NUMBER
 0159.00
 DESIGNED BY
 JS/AB
 SHEET NUMBER
A202

THIS DESIGN AND DRAWING ARE PROPERTY OF ALTER URBAN, LLC AND INTENDED FOR THE SPECIFIC PROJECT INDICATED. NOT TO BE USED FOR OTHER PROJECTS WITHOUT WRITTEN PERMISSION. ORIGINAL DRAWING PRODUCED FOR ARCH D SHEET (A4-06).