



# 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: 00160417

Permit No.: B16014417

Building Address: 7021 DEER VALLEY RD  
 City: HIGHLAND State: MD Zip Code: 20705  
 Suite/Apt. # \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
 Census Tract: \_\_\_\_\_ Subdivision: CORAL TOWN  
 Section: \_\_\_\_\_ Area: 2.26 AC Lot: 35  
 Tax Map: \_\_\_\_\_ Parcel: 0225 Grid: 0003  
 Zoning: \_\_\_\_\_ Map Coordinates: \_\_\_\_\_ Lot Size: 2.26 AC

Existing Use: Single Family Home  
 Proposed Use: Single Family Home  
 Estimated Construction Cost: \$ 750,000  
 Description of Work: New 2.26 acre residential development with 19 x 35 lots

Occupant or Tenant: Mrs. Lori McKay  
 Was tenant space previously occupied?  Yes  No  
 Contact Name: Mrs. Lori McKay  
 Address: 7021 Deer Valley Rd  
 City: HIGHLAND State: MD Zip Code: 20705  
 Phone: 301-271-4227 Fax: 441-271-4227  
 Email: lmcay@mcay.com

Property Owner's Name: Mrs. Lori McKay  
 Address: 7021 DEER VALLEY RD  
 City: HIGHLAND State: MD Zip Code: 20705  
 Phone: 301-271-4227 Fax: 441-271-4227  
 Email: lmcay@mcay.com

Applicant's Name & Mailing Address, (If other than stated herein)  
 Applicant's Name: DEER VALLEY LLC  
 Address: 201 S 41st St  
 City: WYOMING State: MD Zip Code: 21117  
 Phone: 301-271-4227 Fax: 441-271-4227  
 Email: lmcay@mcay.com

Contractor Company: T.H. Co. Inc.  
 Contact Person: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 License No.: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Engineer/Architect Company: 10101 Ave. C  
 Responsible Design Prof.: David J. ...  
 Address: 4622 P.O. Box  
 City: WYOMING State: MD Zip Code: 21117  
 Phone: 301-271-4227 Fax: 441-271-4227  
 Email: dmcc@mcay.com

Commercial Building Characteristics	Residential Building Characteristics	
Height: <u>11'8"</u>	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories: <u>1</u>	Depth	Width
Gross area, sq. ft./floor: <u>11' x 25'</u>	1 <sup>st</sup> floor: <u>11'</u>	<u>25'</u>
	2 <sup>nd</sup> floor: _____	
Area of construction (sq. ft.): _____	Basement: _____	
	<input type="checkbox"/> Finished Basement	
Use group: <u>10</u>	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
<b>Construction type:</b>	<input checked="" type="checkbox"/> Slab on Grade	
<input checked="" type="checkbox"/> Reinforced Concrete	No. of Bedrooms: _____	
<input type="checkbox"/> Structural Steel	<b>Multi-family Dwelling</b>	
<input type="checkbox"/> Masonry	No. of efficiency units: _____	
<input checked="" 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: _____	
<b>Roadside Tree Project Permit</b>	Footings: _____	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Roof: _____	
<b>Roadside Tree Project Permit #</b>	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
<b>Water Supply</b>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
<b>Sewage Disposal</b>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Heating System</b>	
<input checked="" type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other: _____	
<b>Sprinkler System:</b>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>Grading Permit Number:</b>	
<b>Building Shell Permit Number:</b>	

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: \_\_\_\_\_  
 Email Address: \_\_\_\_\_  
 Title/Company: \_\_\_\_\_

Print Name: \_\_\_\_\_  
 Date: \_\_\_\_\_

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	<u>12/1/16</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>25.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check	#



## Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

[www.hchealth.org](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

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### MEMORANDUM

TO: Jorge Valverde  
7021 Deer Valley Rd.  
Highland, MD 20705

FROM: Robert Freemon *RIF*  
Well & Septic Program

RE: 7021 Deer Valley Rd.  
Highland, MD 20705  
*"Before BP Approval"*

DATE: 10/27/16

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Having reviewed the building permit (B16004417) the following requirements must be met before building permit approval.

- Floor Plans of all levels of the proposed building must be submitted to the Health Dept.
- If the floor plans for the proposed building show any living space (heated or air conditioned space) we will need to see floor plans of all levels of existing house in order to evaluate the septic system to see if it is adequate. If there is a future desire to make this half bath into a full bath a septic system upgrade may be required.
- A Revised Site plan drawn to scale showing the components of the well and septic system (well, well lines, septic lines, tank, cleanouts, trenches, SDA "Sewage Disposal Area"). Proposed connection points to the well and septic system and their elevations must be shown as well as well and septic line elevations from the proposed building. Cleanouts must be shown at the proposed building connection site, the tie-in connection before the septic tank and every 70'. Once the site plan is approved a Sewer House Connection Permit will need to be filled out and paid for (\$165). The contractor will need to pick up the permit. The final inspection will happen once the well and septic connections have been made.

## **Freemon, Robert**

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**From:** Freemon, Robert  
**Sent:** Thursday, October 27, 2016 1:42 PM  
**To:** 'jorge valverde'  
**Subject:** RE: 7021 Deer Valley Rd.  
**Attachments:** 7021 Deer Valley Rd.pdf

Hi,

I have attached my comments for building permit (B16004417). You can find records to your well and septic system from the Public Records Search on our website. Use your tax ID number to find your property. If you have any questions let me know. Thanks.

**Robert Freemon**

**Howard County Health Department**

**8930 Stanford Blvd. Columbia, MD 21045**

**Well and Septic Program**

**Phone: 410-313-6357**

**Email: [rfreemon@howardcountymd.gov](mailto:rfreemon@howardcountymd.gov)**

**<https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic>**

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**From:** jorge valverde [<mailto:damatvalverde@yahoo.com>]

**Sent:** Monday, October 24, 2016 7:40 PM

**To:** Freemon, Robert

**Subject:** Re: 7021 Deer Valley Rd.

Hi Mr. Freemon, Thanks for your email.

Not living spaces on this project of this shop area, Only Work shop area. Plumbing work should be only the Half Bathroom in side of Shop.

If you have any questions please feel free to call me at 2405350223

Thanks

Jorge Valverde

Damat Services Inc.

2405350223

El Lunes, 24 de octubre, 2016 14:59:42, "Freemon, Robert" <[rfreemon@howardcountymd.gov](mailto:rfreemon@howardcountymd.gov)> escribió:

Hi,

I am reviewing your building permit (B16004417) for 7021 Deer Valley Rd. and I have a couple of questions. Is there any conditioned living space and/or plumbing being constructed in this detached shop work area?

**Robert Freemon**

**Howard County Health Department**  
**8930 Stanford Blvd. Columbia, MD 21045**  
**Well and Septic Program**  
**Phone: 410-313-6357**  
**Email: [rfreemon@howardcountymd.gov](mailto:rfreemon@howardcountymd.gov)**

# 7021 DEER VALLEY HIGHLAND MD. 20705

## MRS. LORY McKAY & MATTHEW CHOPPER SHOP ADDITION

DAMAT SERVICES INC.  
ARCHITECTURAL DWG  
consulting  
interiors

P.O. BOX 4632 @ CROFTON - MARYLAND  
Tel: 240.535.0223 @ damatdwrts@yahoo.com

General Notes:  
1. DO NOT SCALE DRAWINGS. Verify all conditions in the field prior to construction. Notify the Designer of any discrepancies.  
2. All dimensions are to face of drywall, unless otherwise noted.

HOME SHOP ADDITION (REAR)  
7021 DEER VALLEY HIGHLAND MD. 20705

VICINITY MAP	CONTACT INFORMATION	SCOPE OF WORK	SYMBOLS	DRAWING INDEX
	<p>ENGINEERS: DAMAT SERVICES INC. GEORGE I. WORSLEY CONSULTANT ENGINEER 7304 GEORGIA AV. NW. WASHINGTON DC. 240.535.0223</p> <p>OWNER: MRS. LORI McKAY 7021 DEER VALLEY HIGHLAND MD. 20705</p>	<p>1: REAR SHOP BUILDING 2: NEW MECHANICAL WORK 3: NO SITE OR PARKING CHANGES 4: NEW HALF BATHROOM 5: NEW SEWER LINE AND WATER LINE</p>	<p>⊕ NORTH ARROW ⊖ ELEVATION ⊕ PLAN DETAIL ⊖ SECTION ⊖ INTERIOR ELEVATIONS ○ DOOR TYPE □ PARTITION TYPE FINISHES ◇ NOTE (PLAN OR ELEVATION) ⬡ WINDOW TYPE ☁ REVISIONS</p>	<p>CS COVERSHEET A.1 PROPOSED SHOP BUILDING A.2 NEW ELEVATIONS &amp; SECTIONS A.3 ELECTRICAL FLOOR PLANS A.4 CONSTRUCTION DETAILS</p>
	<p><b>DESIGN TEAM</b></p>	<p><b>BUILDING CODE DESIGN INFORMATION</b></p>		
	<p><b>DRAWINGS BY:</b> DAMAT SERVICES INC. JORGE VALVERDE P.O. BOX 3784 CROFTON MD. 21114 (240) 535-0223</p>	<p>APPLICABLE CODES: IBC 2015, IPC 2015, IMC 2015, NEC 2015, IRC 2015, NFPA 2015, IECC 2015, MARYLAND REHABILITATION CODE, MARYLAND ACCESSIBILITY CODE AND THE STATE OF MARYLAND BUILDING STANDARDS</p>		
	<p><b>ENGINEER :</b> GEORGE I. WORSLEY ASSOCIATES 7304 GEORGIA AVE NW STE 3 WASHINGTON, DC 20012 (202) 491-8309</p>			

### ABBREVIATIONS

& ANGLE	MAS. MASONRY
BASMT. BASEMENT	MECH. MECHANICAL
⊕ AT CENTERLINE	MET. METAL
⊖ DIAMETER OR ROUND	MFR. MANUFACTURER
⊖ PERPENDICULAR	MIN. MINIMUM
ACOUST. ACOUSTICAL	MISC. MISCELLANEOUS
A.F.F. ABOVE FINISH FLOOR	M.O. MASONRY OPENING
ALUM. ALUMINUM	MTD. MOUNTED
APPROX. APPROXIMATE	N.A. NOT APPLICABLE
ARCH. ARCHITECTURAL	N.I.C. NOT IN CONTRACT
BA BATHROOM	NO./# NUMBER
BD. BOARD	O.A. OVERALL
B.H. BULKHEAD	O.C. ON CENTER
BLDG. BUILDING	O.D. OUTSIDE DIAMETER
BLCK. BLOCKING	OFF. OFFICE
BOT. BOTTOM	O.H. OVERHEAD
BR. BEDROOM	OPNG. OPENING
C CHANNEL	O.R. OUTSIDE RADIUS
CAB. CABINET	P.L. PROPERTY LINE
CCR. CERAMIC	PL. PLATE
C.C. CEILING	P. LAM. PLASTIC LAMINATE
C.D. CLOSET	PLWB. PLUMBING
CMU CONCRETE MASONRY UNITS	PTD. PAINTED
COL. COLUMN	R. RISER
CONC. CONCRETE	R.A.D. RADIUS
CONST. CONSTRUCTION	R.D. ROOF DRAIN
CONT. CONTINUOUS	RECF. RECEIPT
CORR. CORRIDOR	REINF. REINFORCED
D DEEP	RESL. RESULENT
DEL. DOUBLE	RM. ROOM
D.F. DRINKING FOUNTAIN	R.O. ROUGH OPENING
D.S. DOWNSPOUT	S.C. SOLID CORE
DET. DETAIL	SCHED. SCHEDULE
DM. DIMENSION	SD. STANDARD
DN. DOWN	SH. SHEET
D.O. DOOR OPENING	SM. SIMILAR
DR. DINING ROOM	SPEC. SPECIFICATIONS
DWG. DRAWING	SQ. SQUARE
EA. EACH	SSL. STAINLESS STEEL
EL. ELEVATION	STL. STANDARD
ELEC. ELECTRICAL	STL. STEEL
EQ. EQUAL	STOR. STORAGE
E.W.C. ELECTRIC	SUSP. SUSPENDED
EXIST. EXISTING	T. TREAD
EXP. EXPANSION	TEL. TELEPHONE
EXT. EXTERIOR	THR. THICK
F.E. FIRE EXTINGUISHER	T.O. THICK
F.E.C. FIRE EXTINGUISHER CABINET	T.P.D. TOILET PAPER DISPENSER
F.F. FINISH FLOOR	TYP. TYPICAL
F.H.C. FIRE HOSE CABINET	U.G.N. UNLESS OTHERWISE NOTED
FIX. FIXTURE	V.C.T. VINYL COMPOSITION TILE
FL. FLOOR	VERT. VERTICAL
FLU. FLUORESCENT	W. WIDE
FT. FOOT OR FEET	W. W/ WOOD
GA. GAUGE	W/O. WITHOUT
GALV. GALVANIZED	W. WEIGHT
G. GLASS	W.W.F. WELDED WIRE FABRIC
GLASS. GLASS	
GR. GRASS	
H. HIGH	
HW. HARDWOOD	
H.M. HOLLOW METAL	
HORIZ. HORIZONTAL	
HR. HOUR	
HT. HEIGHT	
INSUL. INSULATION	
INT. INTERIOR	
JAN. JANITOR CLOSET	
JT. JOINT	
KIT. KITCHEN	
LAV. LAVATORY	

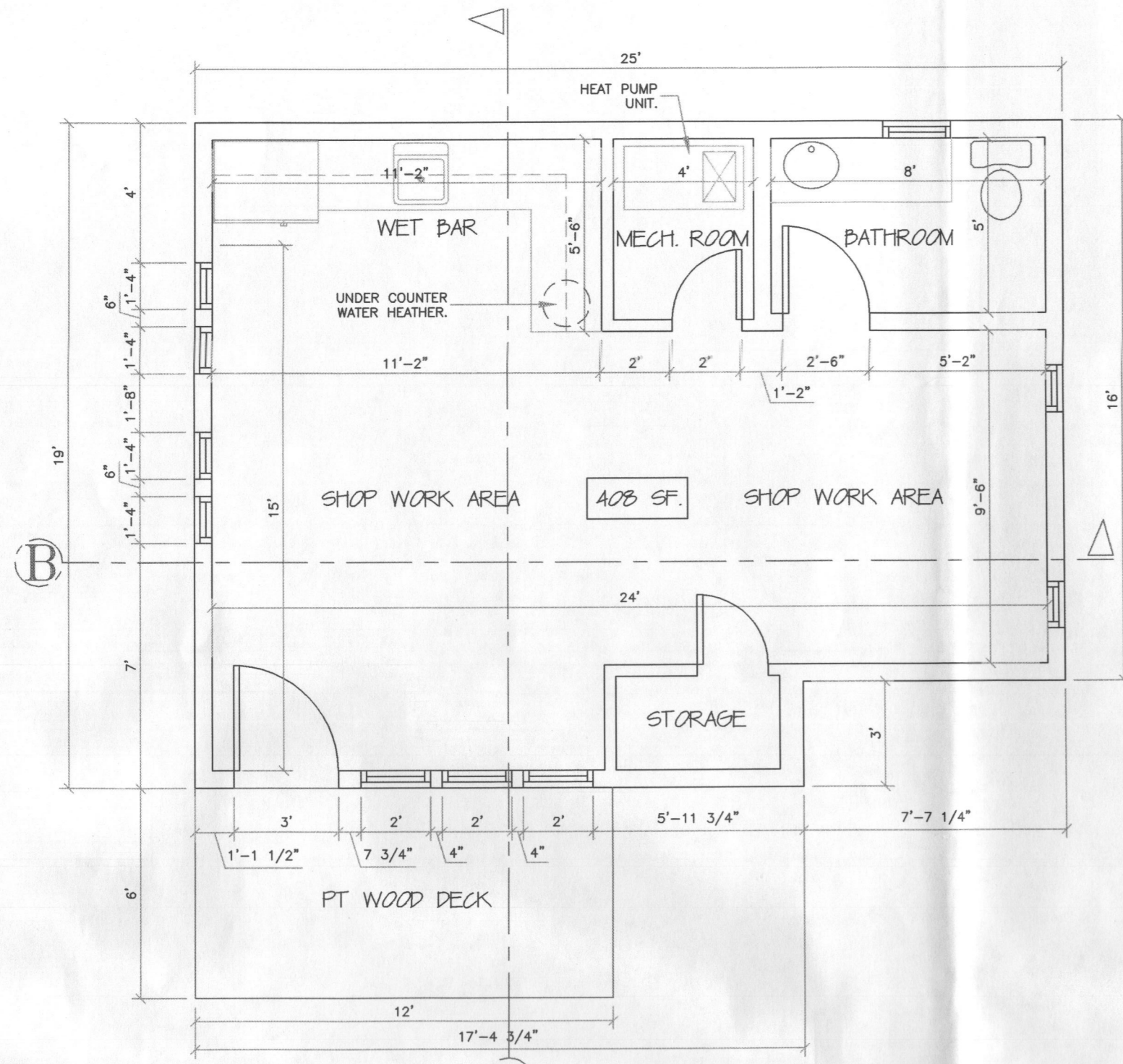
### GENERAL NOTES

CODES, STANDARDS & PROCEDURES:  
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON DC, MD'S BUILDING CODE AND AMENDMENTS, AND ALL OTHER APPLICABLE FEDERAL, AND STATE LAWS AND ORDINANCES, ACCESSIBILITY CODES, STANDARDS, AND REGULATORY AGENCIES.  
2. ALL WORK SHALL BE OF THE HIGHEST QUALITY FOLLOWING THE CONTRACT DOCUMENTS, PROJECT SPECIFICATIONS, MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS, AND THE BEST ACCEPTED TRADE PRACTICES AND STANDARDS.  
3. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPES OF DETAILING REQUIRED FOR THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE DETAILED.  
4. EACH CONTRACTOR SHALL KEEP ACCURATE RECORDS OF ALL WORK WHICH DIFFERS FROM CONTRACT DOCUMENTS SO THAT ACCURATE RECORD DRAWINGS AND SPECIFICATIONS CAN BE KEPT AND PROVIDED BY THE CONTRACTOR TO THE OWNER AT PROJECT CLOSEOUT.  
5. EACH CONTRACTOR SHALL VISIT THE SITE AND BE KNOWLEDGEABLE OF CONDITIONS THEREOF. FAILURE TO EXAMINE THE SITE AND DETERMINE EXISTING CONDITIONS OR NATURE OF NEW CONSTRUCTION, OR NATURE AND EXTENT OF WORK TO BE PERFORMED BY OTHER TRADES WILL NOT BE CONSIDERED A BASIS FOR GRANTING OF ADDITIONAL COMPENSATION.  
6. THE CONTRACTOR SHALL INVESTIGATE, VERIFY AND BE RESPONSIBLE FOR ALL REQUIREMENTS OF THE PROJECT AND SHALL NOTIFY THE ARCHITECT OF ANY CONDITIONS CONTRARY TO THE CONSTRUCTION DOCUMENTS THAT REQUIRE MODIFICATION BEFORE PROCEEDING WITH THE WORK.  
7. THE CONTRACTOR SHALL PROTECT ALL EXISTING SITE ELEMENTS, ADJACENT BUILDINGS AND STREETS FROM DAMAGE DUE TO THE CONSTRUCTION OPERATIONS, AND REPAIR OR REPLACE ANY ELEMENTS DAMAGED DURING THE PROJECT.  
DIMENSIONS:  
1. DO NOT SCALE THE DRAWINGS. DIMENSIONS SHALL GOVERN. LARGE SCALE DRAWINGS SHALL GOVERN OVER SMALL SCALE. WHERE A DISCREPANCY MAY EXIST BETWEEN DRAWINGS AND SPECIFICATIONS, THE MORE RESTRICTIVE OR EXPENSIVE REQUIREMENTS SHALL GOVERN.  
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE, AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS BEFORE PROCEEDING WITH THE WORK.  
3. ALL PARTITIONS ARE DIMENSIONED TO THE FACE, UNLESS NOTED OTHERWISE. WHERE SPECIFIC DIMENSIONS, DETAILS AND/OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT IN WRITING BEFORE PROCEEDING WITH WORK IN QUESTION.  
4. DOOR OPENINGS THAT ARE NOT DIMENSIONALLY LOCATED ARE TO BE CENTERED BETWEEN WALLS OR POSITIONED WITH ONE JAMB CASING TRIM AGAINST AN ADJACENT WALL OR COLUMN AS SHOWN ON THE PLANS AND/OR DETAILS.

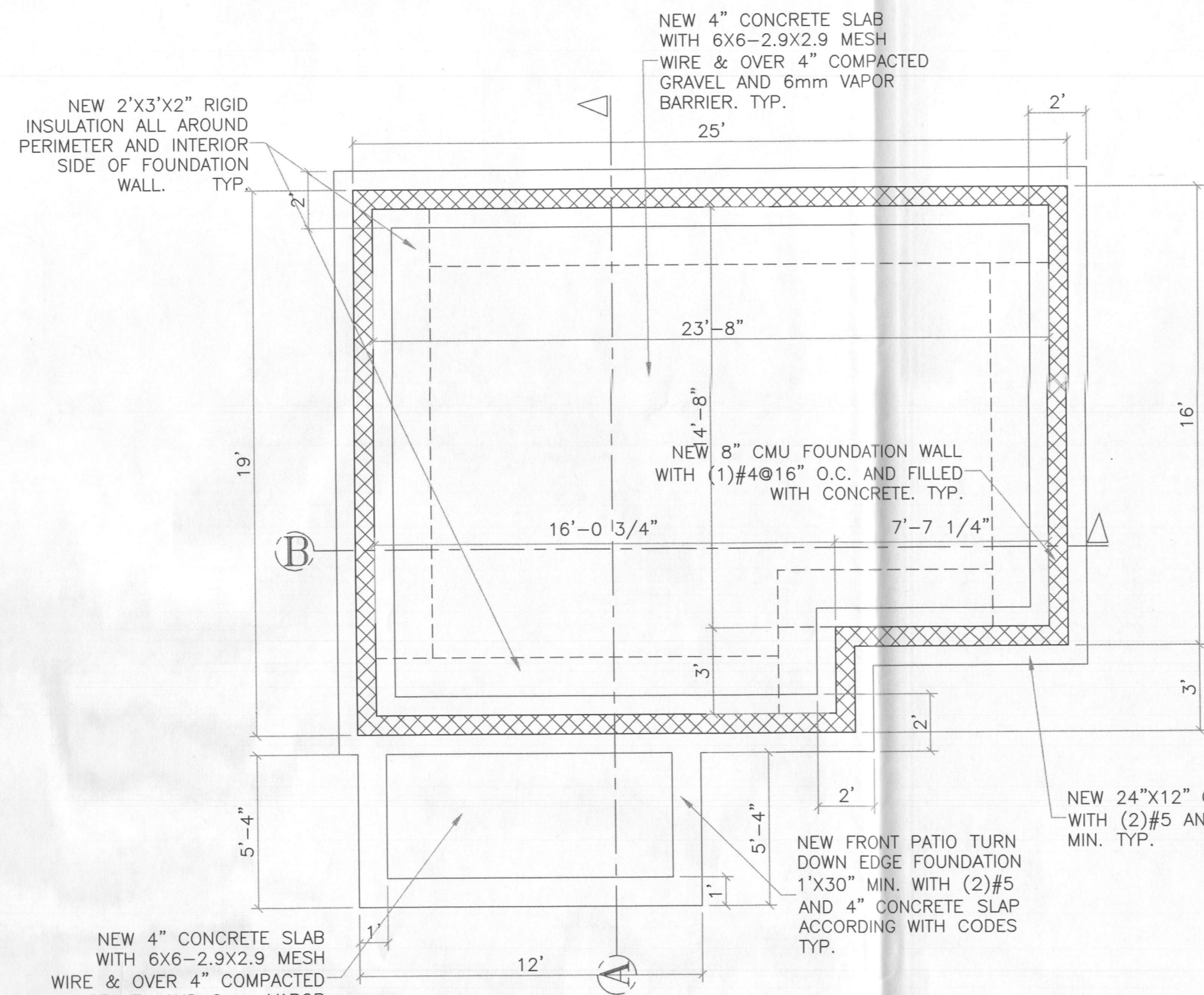
COORDINATION:  
1. REFER TO THE SPECIFICATIONS AND CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR FULL COORDINATION OF THE WORK.  
2. THE CONTRACTOR SHALL COORDINATE ADDITIONAL SUPPORT OR CONCEALED BLOCKING REQUIRED FOR INSTALLATION OF HANDRAILS, MILLWORK, WALL PANELS, GRAB BARS, CABINETS AND ALL OTHER SURFACE MOUNTED COMPONENTS.  
3. THE CONTRACTOR SHALL COORDINATE AND VERIFY THE EXACT SIZE AND LOCATION OF ALL FLOOR PENETRATIONS AND WALL OPENINGS WITH EACH OF THE RESPECTIVE MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION TRADES. CONTRACTOR SHALL PROVIDE CONCRETE SLAB PENETRATION SHOP DRAWINGS SHOWING THE LOCATION OF ALL OPENINGS.  
4. THE CONTRACTOR SHALL COORDINATE LAYOUT OF CEILING MOUNTED FIXTURES, DEVICES, AND DUCTWORK, AND SHALL IDENTIFY POTENTIAL CONFLICTS INVOLVING ELEMENTS WITHIN THE CEILING CAVITY. ANY VARIATIONS OR CONFLICTS WITH LAYOUT OR CEILING HEIGHT SHOWN SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO INSTALLATION.  
5. ALL CONDUIT, PIPING, DUCTWORK, AND MECHANICAL SYSTEMS SHALL BE INSTALLED WITHIN OR TIGHT TO THE UNDERSIDE OF STRUCTURE WHERE FEASIBLE, UNLESS NOTED OTHERWISE.  
6. REFER TO MEPP DRAWINGS FOR EXTENT OF CONCRETE EQUIPMENT PADS. THE CONTRACTOR SHALL COORDINATE THE SIZE AND LOCATION OF THE CONCRETE PADS WITH THE EQUIPMENT INSTALLER.

Approved Septic System Plan  
Howard County Health Department  
*Signature* 12/1/16  
Date  
  
Approved *Signature*  
131600417 RAE 12/1/16  
(Floor Plans + Site Plan)

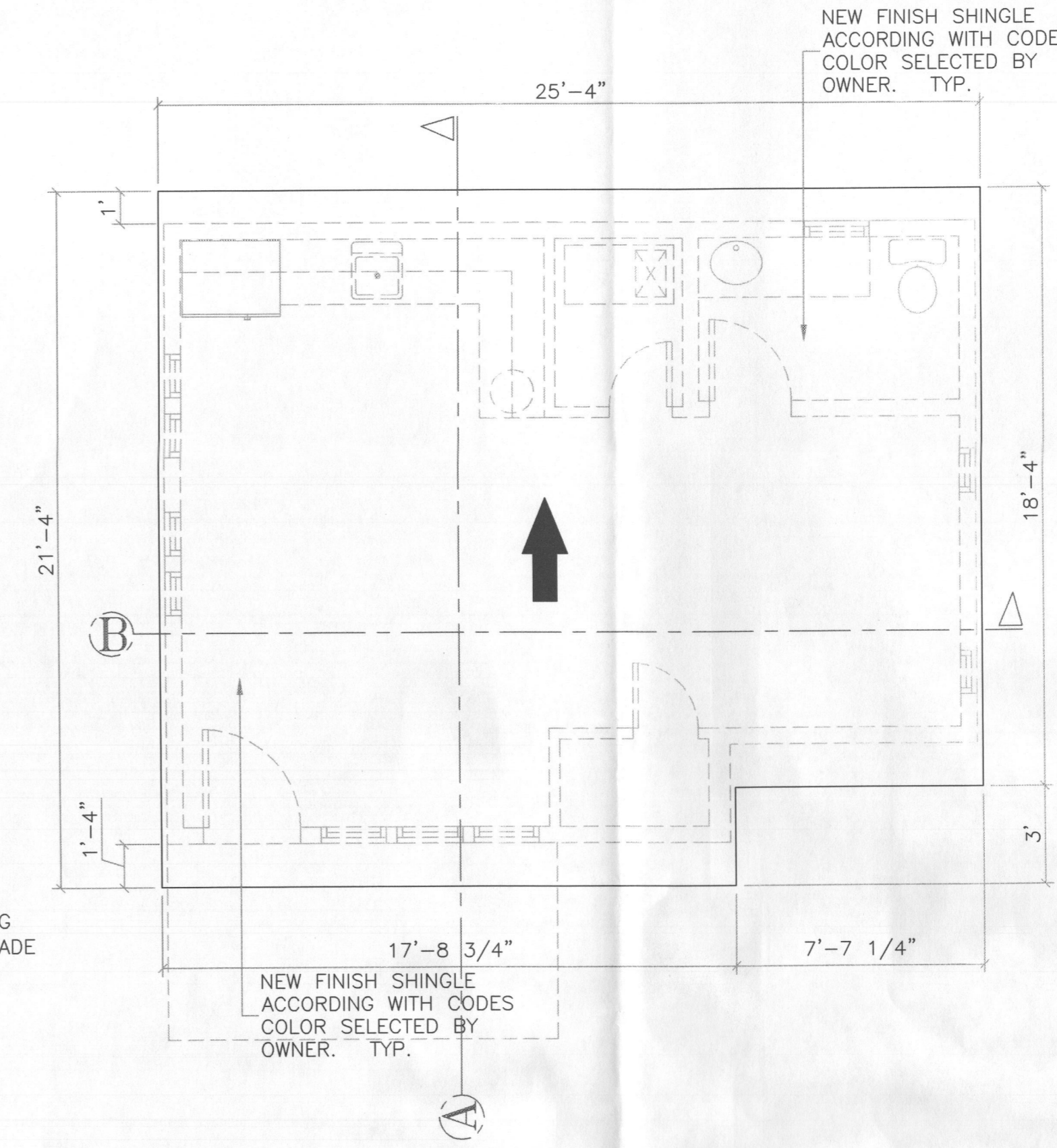
PROJECT	HOME SHOP ADDITION (REAR) 7021 DEER VALLEY HIGHLAND MD. 20705
SHEET TITLE:	COVERSHEET
DATE:	PERMIT SET: 09.26.16
OWNER:	MRS. LORI McKAY 7021 DEER VALLEY HIGHLAND MD. 20705
Scale:	As Shown
Drawn by:	JV
Checked by:	JV
Sheet No.:	CS



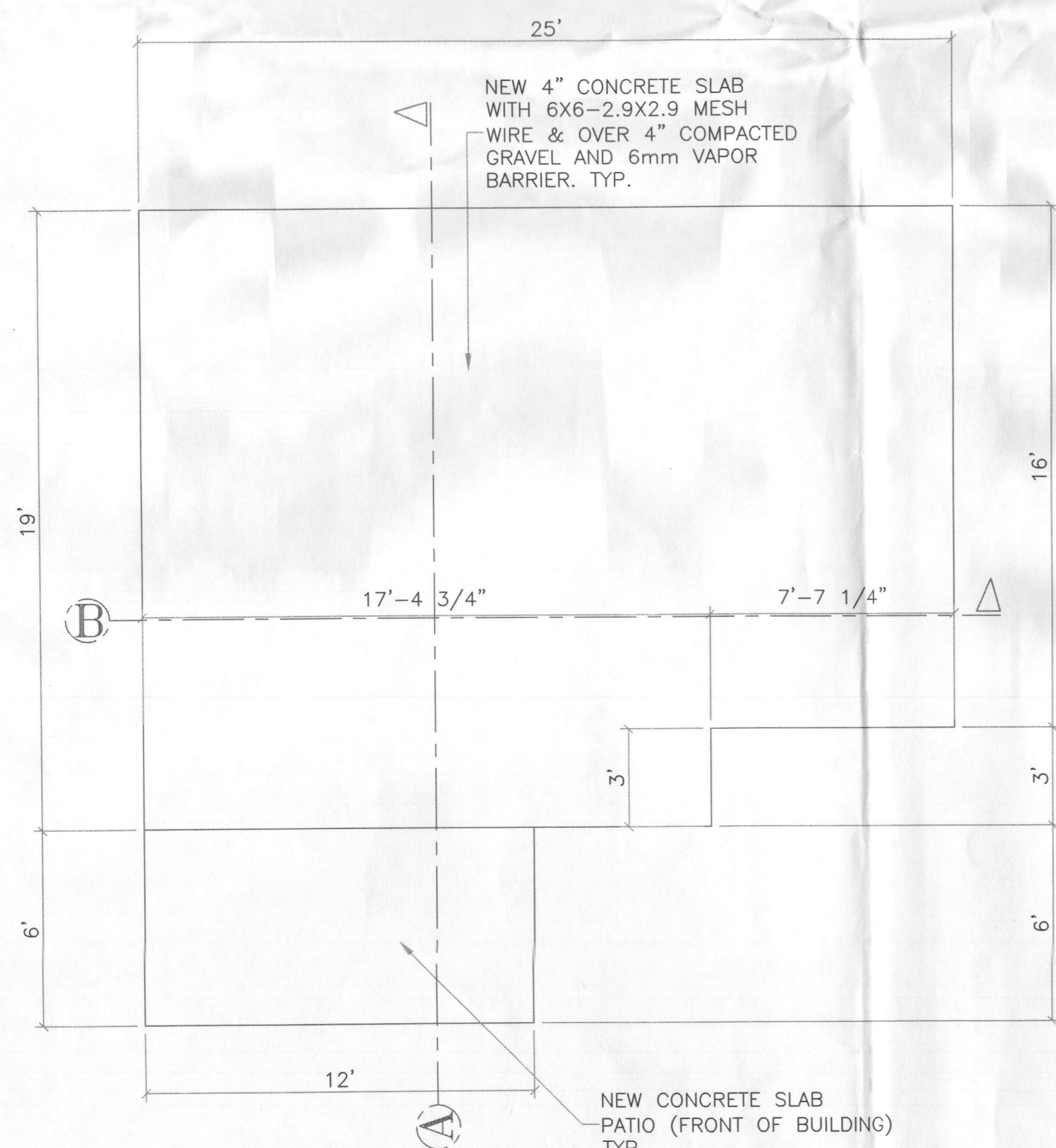
**FIRST FLOOR (SHOP BUILDING)**  
1/4"=1'-0"



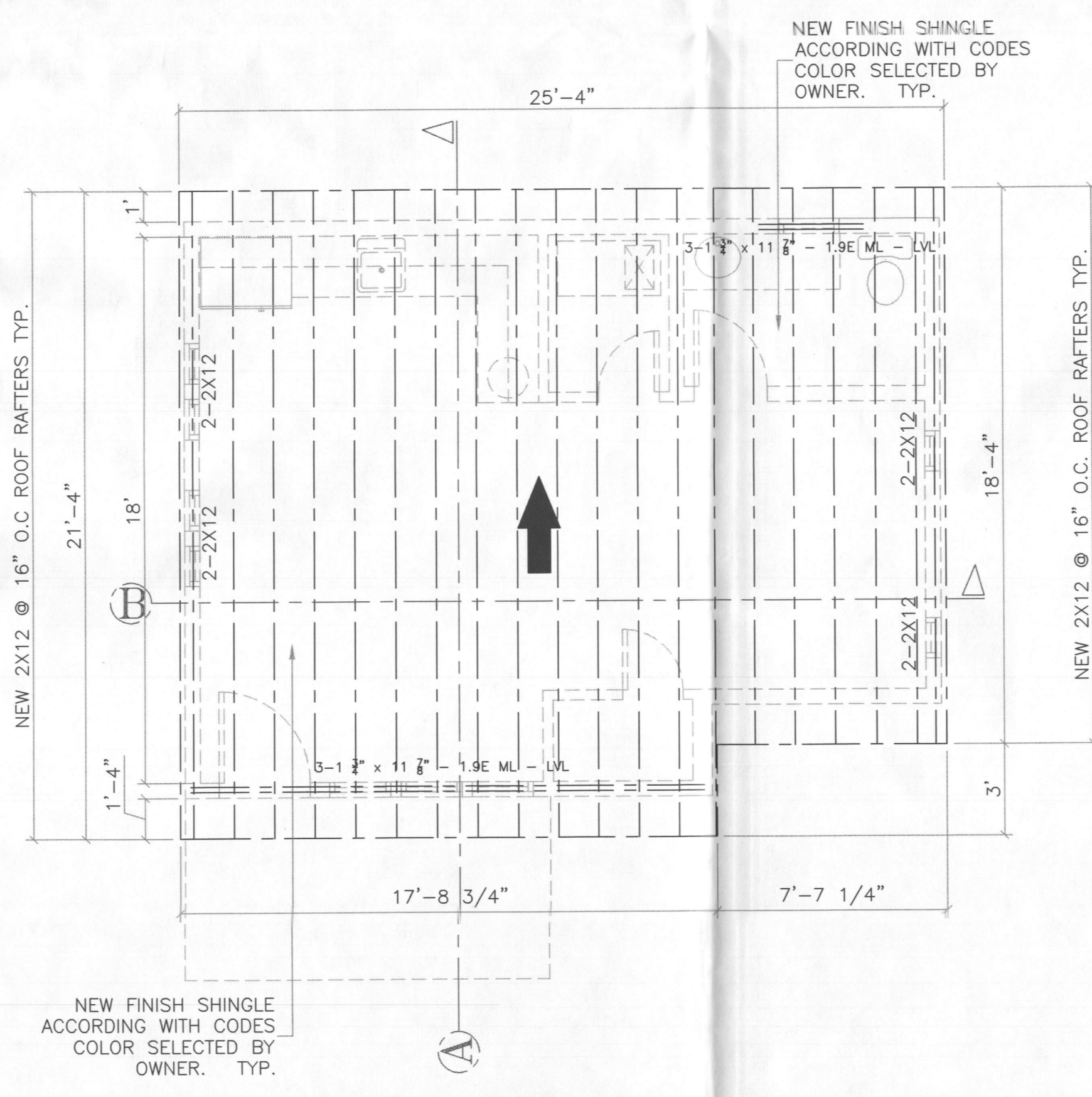
**FOUNDATION FLOOR PLAN**  
1/4"=1'-0"



**NEW ROOF SHOP PLAN**  
1/4"=1'-0"



**NEW SHOP CONCRETE SLAB FLOOR PLAN**  
1/4"=1'-0"



**NEW SHOP ROOF FRAMING PLAN**  
1/4"=1'-0"

**NOTE:** THESE PLANS ARE FOR THE USE OF THE BUILDER IN FACILITATING CONSTRUCTION. ALL DIMENSIONS INDICATED ARE APPROXIMATE AND MAY VARY DUE TO ADJUSTMENTS REQUIRED IN THE FIELD. OPTIONAL FEATURES, FINISHES, ELECTRICAL AND H.V.A.C. EQUIPMENT MAY OR MAY NOT BE INDICATED ON PLANS.

**NOTE:** ALL BRACING WALLS ON 1/2" SHEATHING CONTINUOUS WOOD BOARDS METHOD: CS-WSP "CONTINUOUS WOOD STRUCTURAL PANEL SHEATHING."

Approved Septic System Plan  
Howard County Health Department  
Signature: [Signature] Date: 12/1/16  
Approved B316004417  
RAC 12/1/16

DATE: SEPTEMBER 26-2016

OWNER: MRS. LORI MCKAY  
7021 DEER VALLEY  
BUILDER: MRS. LORI MCKAY  
DESIGN BY: MRS. LORI MCKAY  
OWNER: JORGE VALVERDE  
DAMAT SERVICES INC.

7021 DEER VALLEY  
HIGHLAND MD, 20705  
MRS. LORY MCKAY  
MR. MATTHEW CHOPPER  
SHOP ADDITION

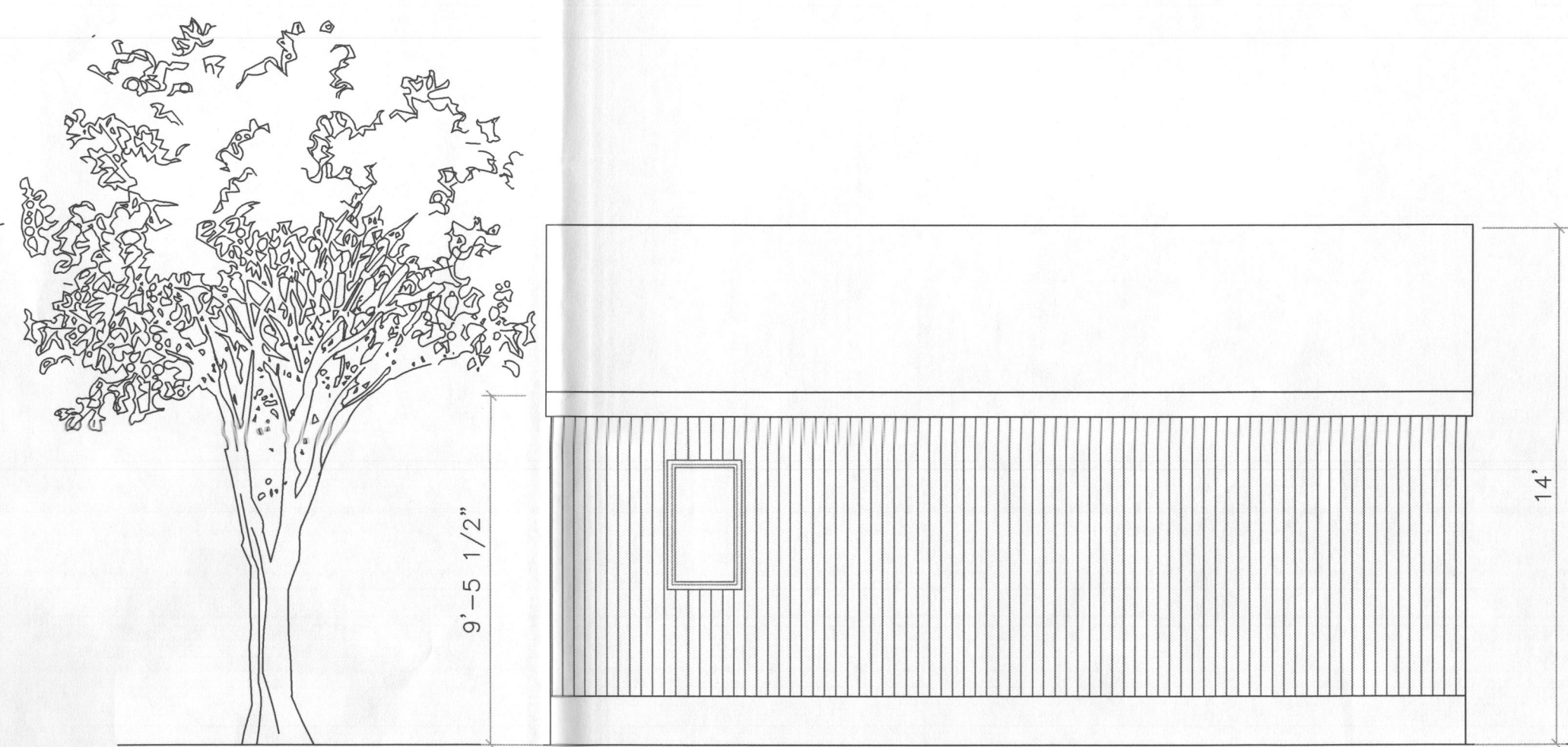
REAR ADDITION  
FLOOR PLANS & ELEVATIONS

DRAWING BY: Jorge Valverde  
DAMAT Services Inc.

A1

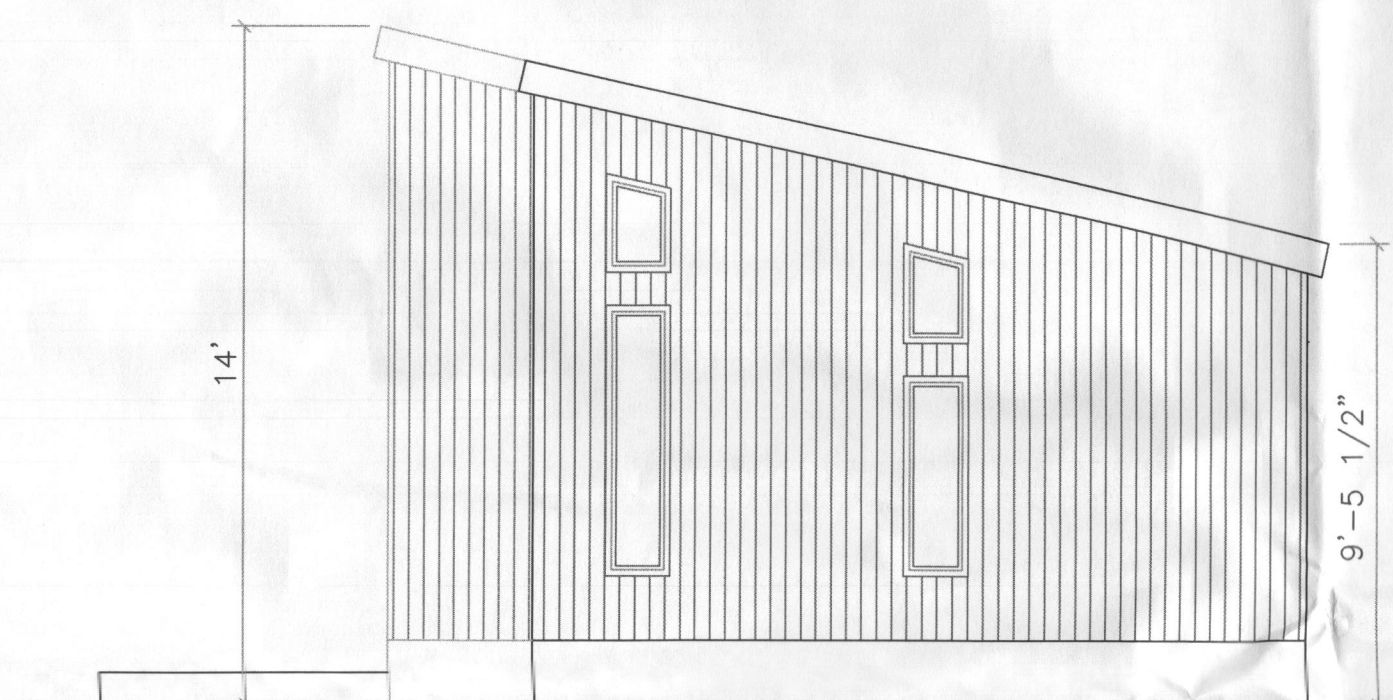


FRONT ELEVATION  
1/4"=1'-0"

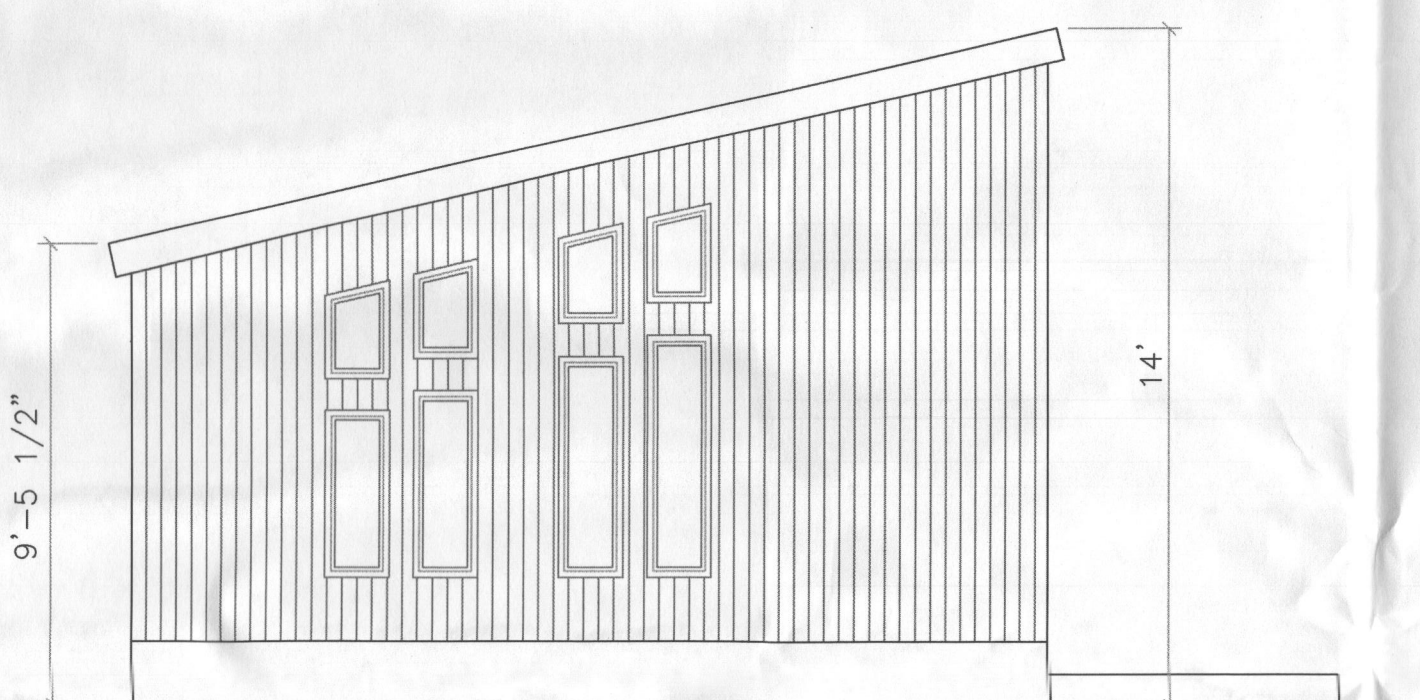


REAR ELEVATION  
1/4"=1'-0"

NOTE: THESE PLANS ARE FOR THE USE OF THE BUILDER IN FACILITATING CONSTRUCTION. ALL DIMENSIONS INDICATED ARE APPROXIMATE AND MAY VARY DUE TO ADJUSTMENTS REQUIRED IN THE FIELD. OPTIONAL FEATURES, FINISHES, ELECTRICAL AND H.V.A.C. EQUIPMENT MAY OR MAY NOT BE INDICATED ON PLANS.



SIDE ELEVATION  
1/4"=1'-0"

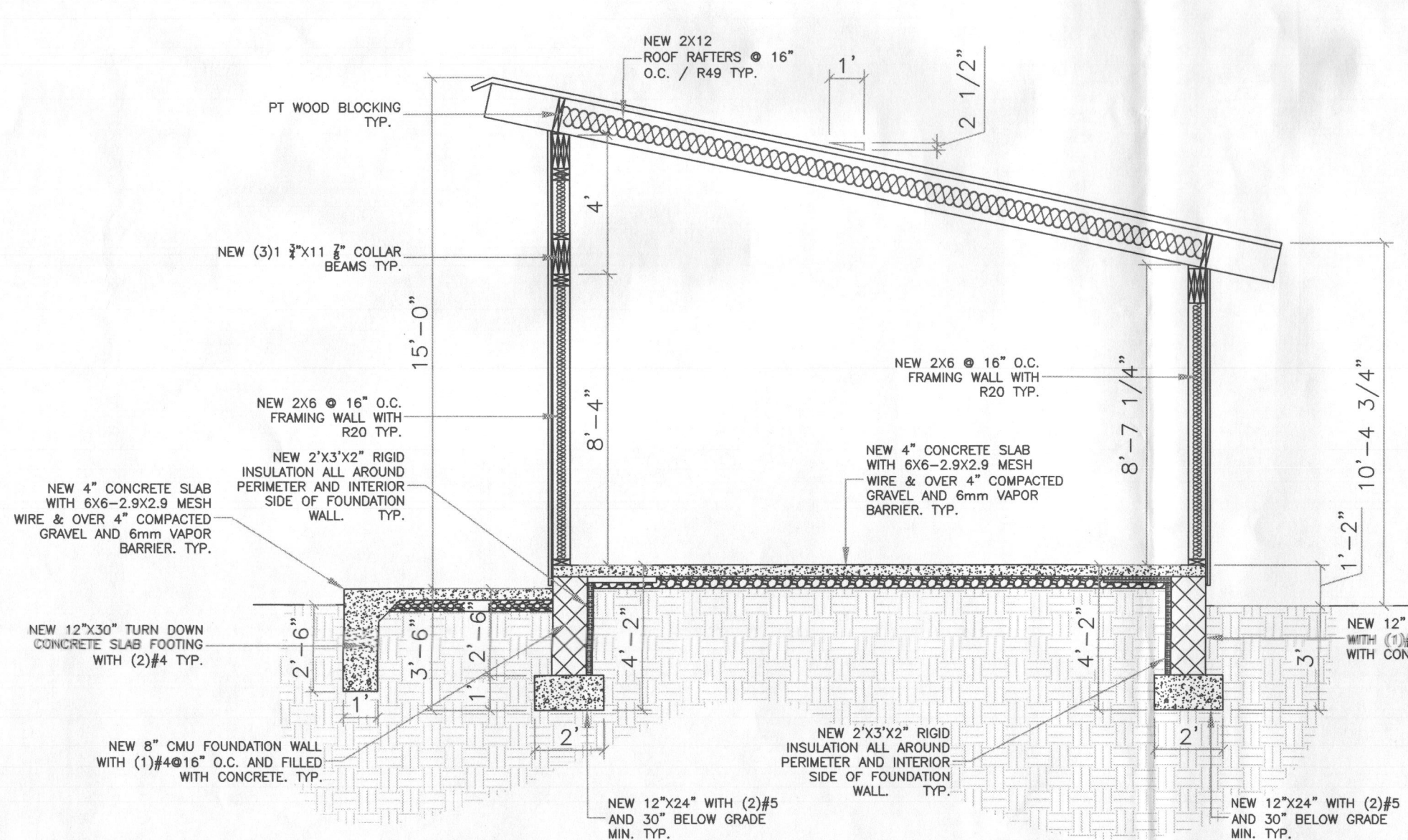


SIDE ELEVATION  
1/4"=1'-0"

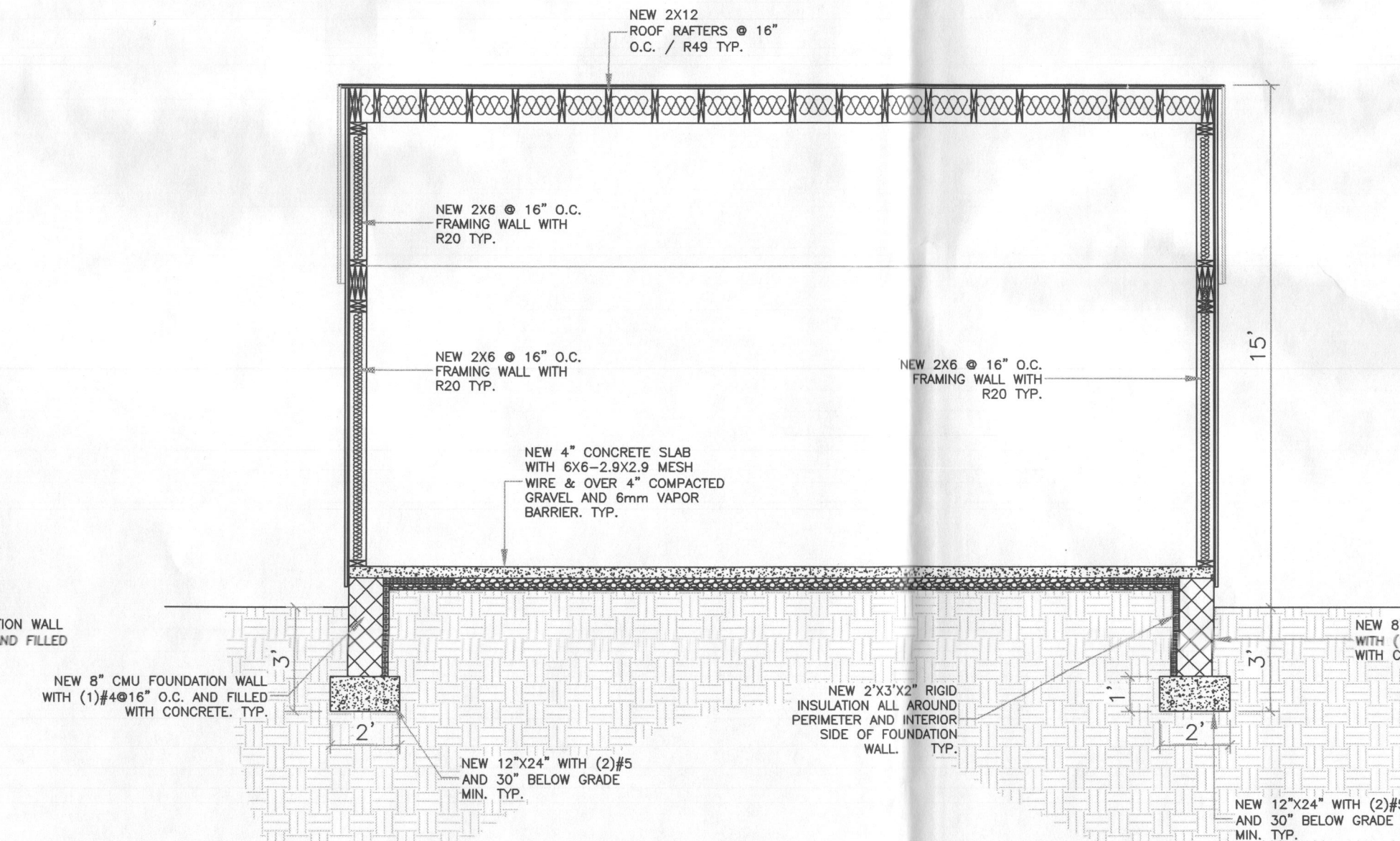
Note:

Microlam LVL = 1 . 9E Microlam LVL  
Structural Systems, Inc.  
201 Poplar Av.  
Thurmont, Md. 21788  
1 - 800- 800- 7414

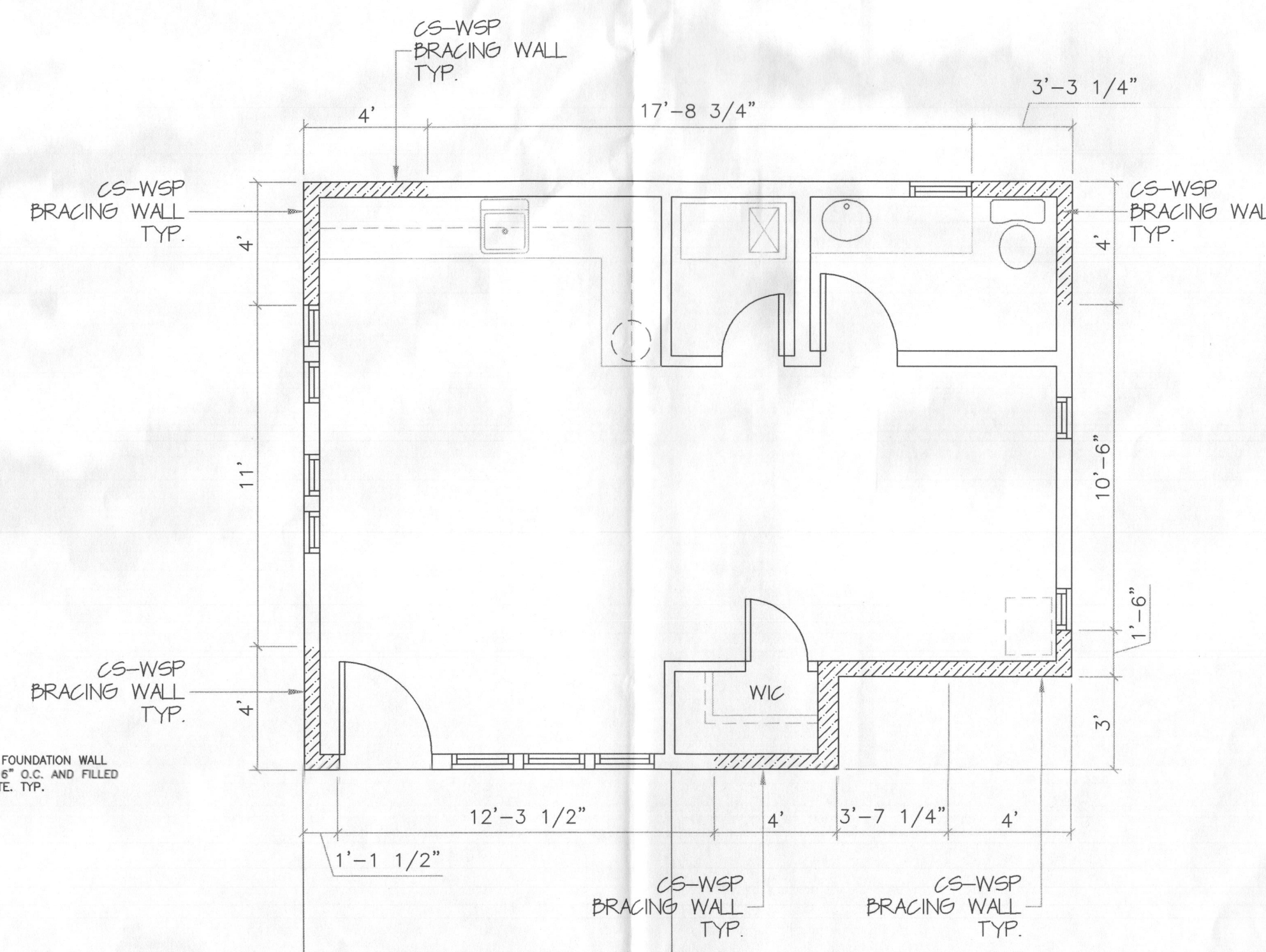
Approved Septic System Plan  
Howard County Health Department  
*Signature* 12/1/16  
Date  
Approved 1516 004417  
RAE 12/1/16



SECTION A  
1/4"=1'-0"



SECTION B  
1/4"=1'-0"



EXISTING/PROPOSED SECOND FLOOR PLAN  
BRACING WALL DETAIL (METHOD)  
1/4"=1'-0"

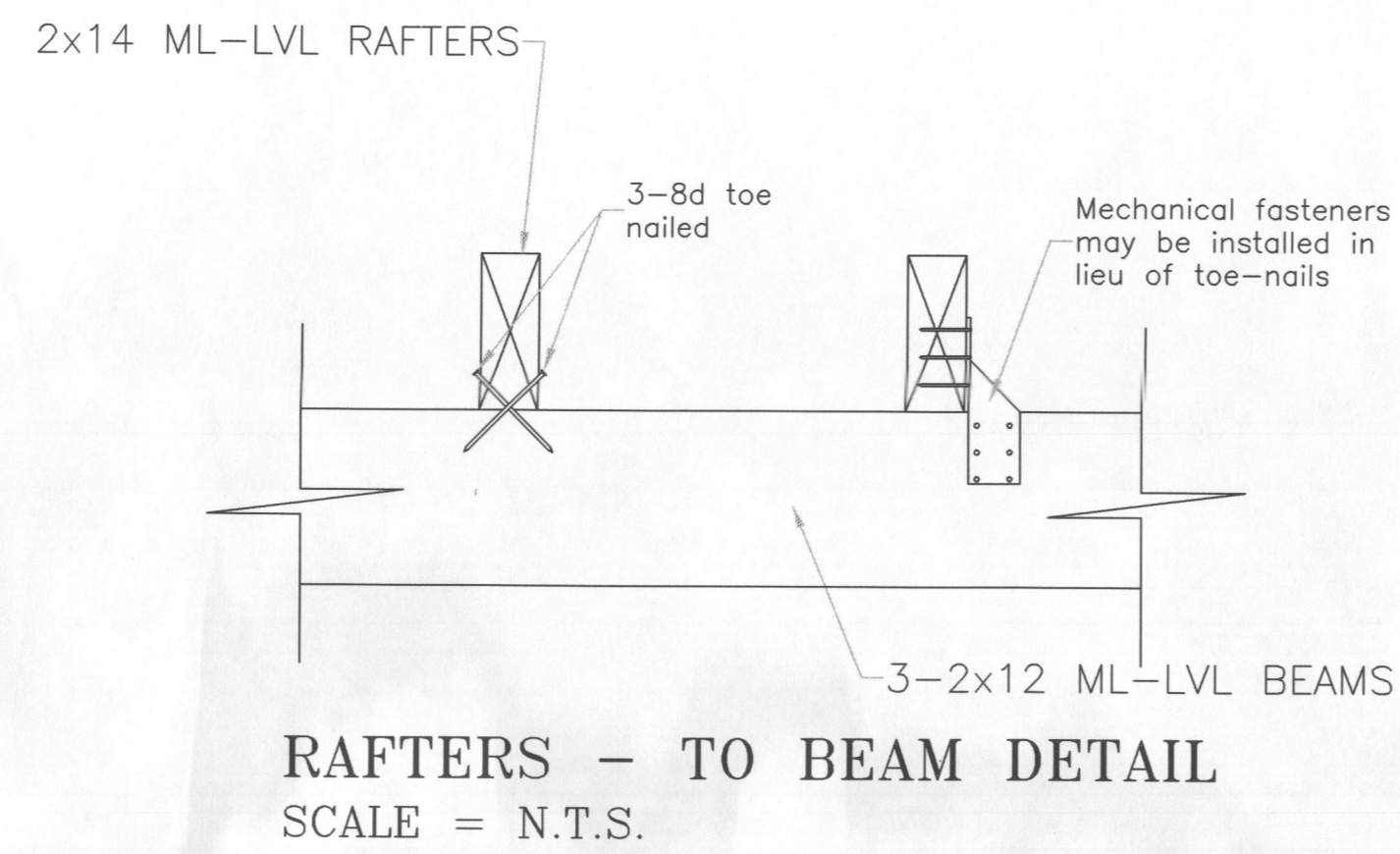
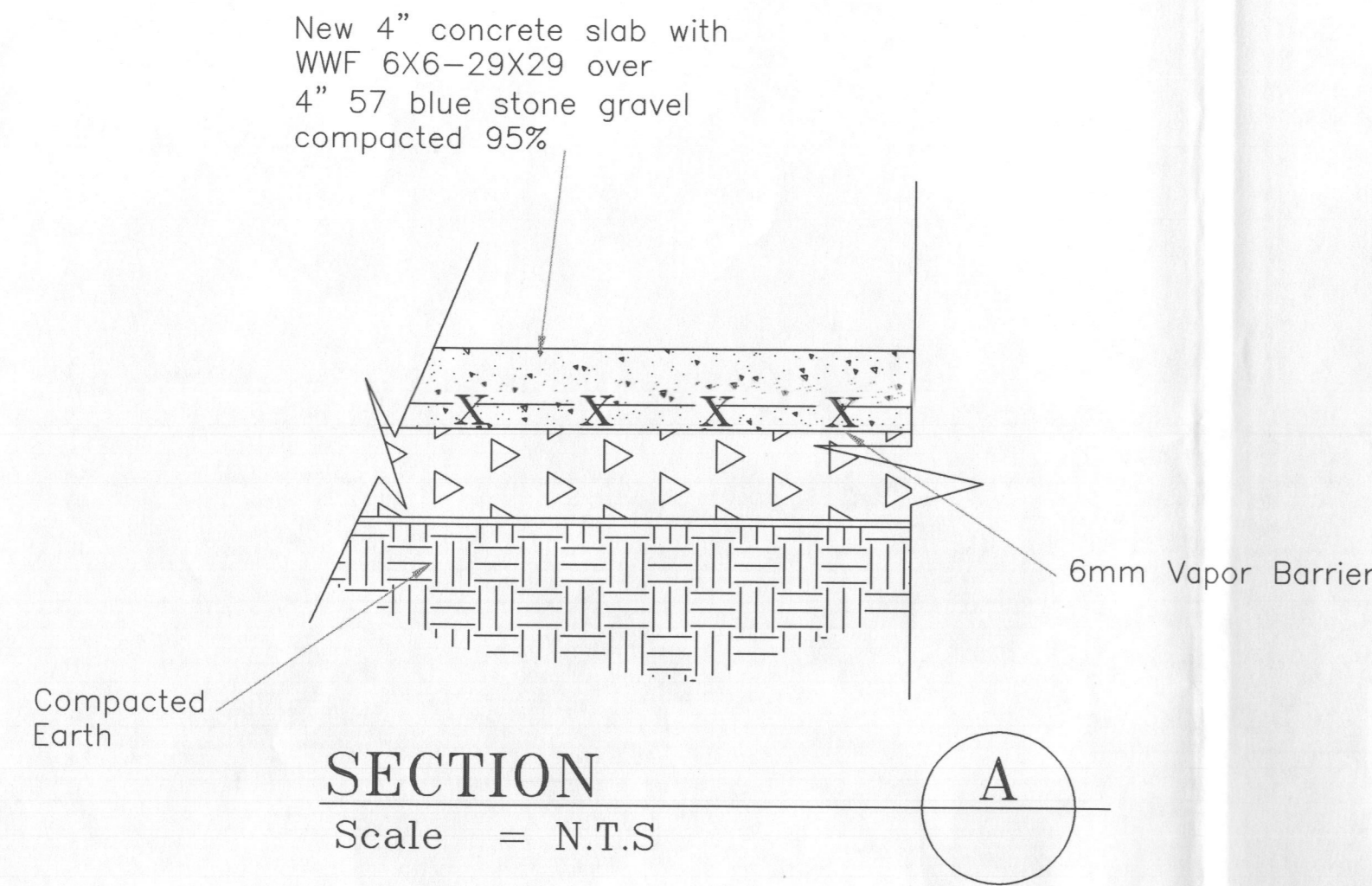
DATE: SEPT. 26-2016  
DRAWING BY: DAMAT Services Inc. Jorge Valverde

OWNER: MRS. LORI MCKAY  
7021 DEER VALLEY  
BUILDER: MRS. LORI MCKAY  
DESIGN BY: JORGE VALVERDE  
DAMAT SERVICES INC.

7021 DEER VALLEY  
HIGHLAND MD. 20705  
MRS. LORY MCKAY  
MR. MATTHEW CHOPPER  
SHOP ADDITION

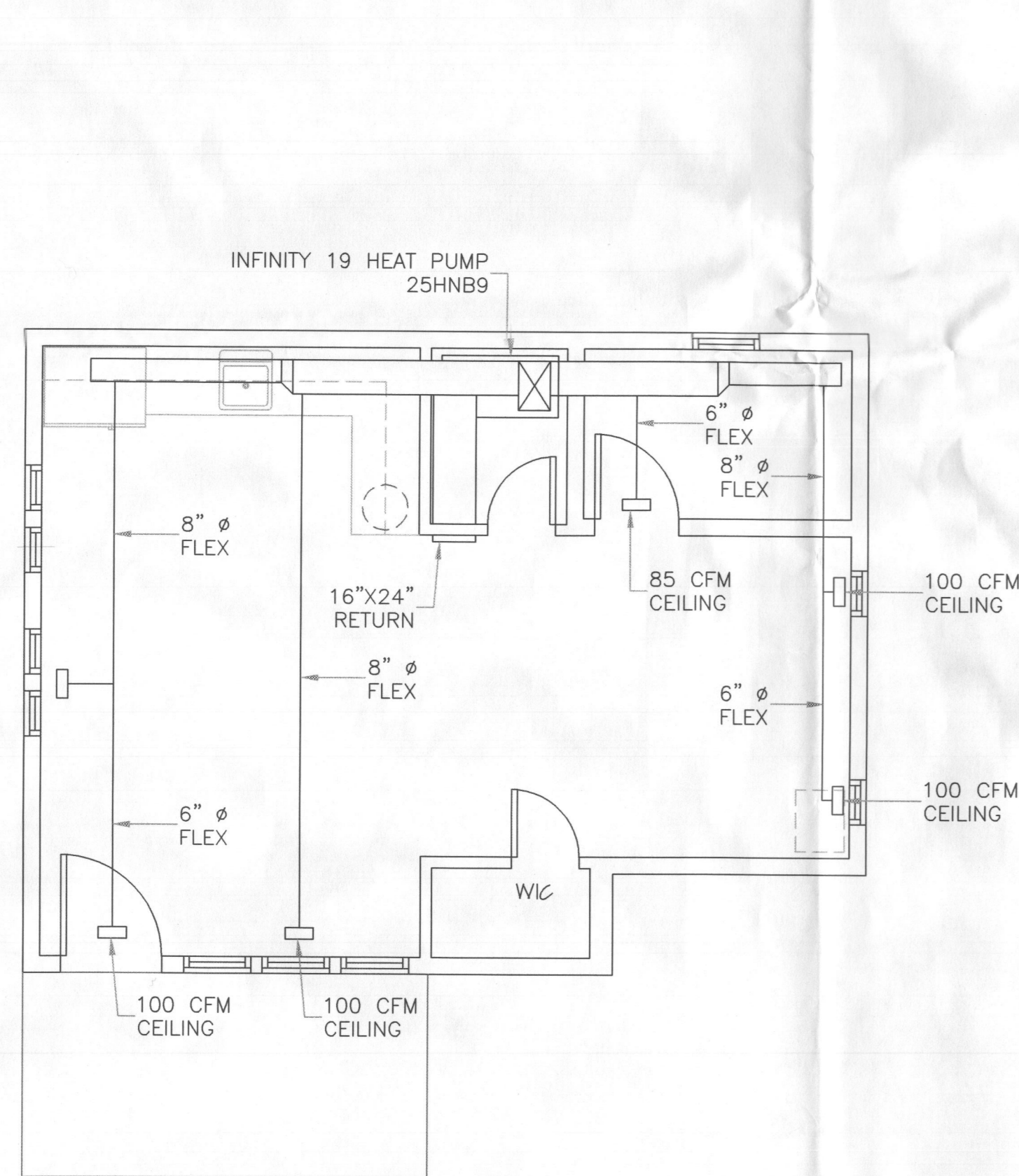
SHOP ELEVATIONS  
SHOP BUILDING  
SECTIONS



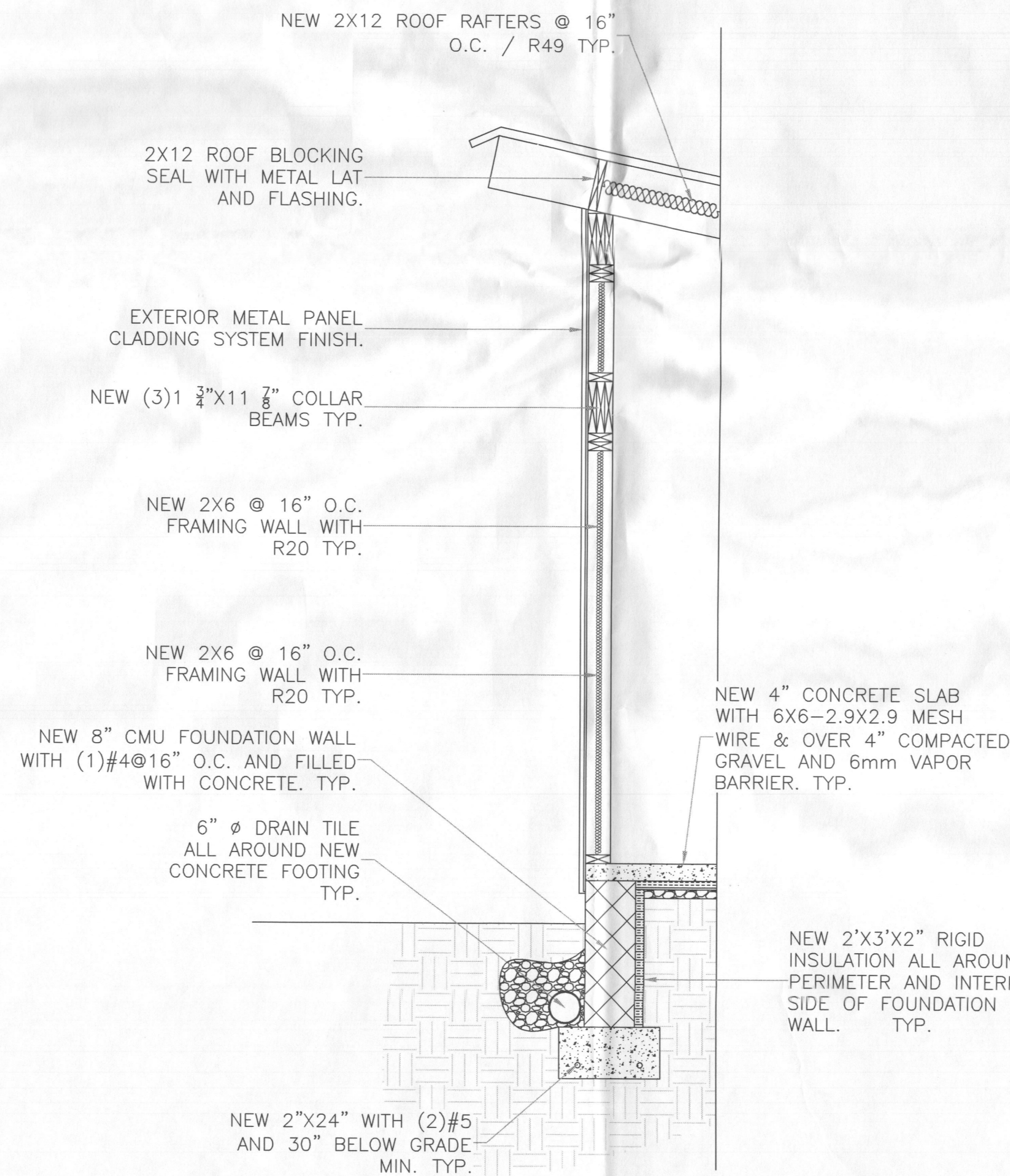


BRACED WALL PANEL SIZE REQUIREMENTS		
WALL HEIGHT "h"	HEIGHT OF OPENNING NEXT TO BW PANEL "h1"	MIN. LENGTH OF BW PANEL "BWP"
8'	LESS THAN 5' - 2 1/2"	24"
	LESS THAN OR EQUAL TO 6' - 10"	32"
	GREATER THAN 6' - 10"	48"
9'	LESS THAN 5' - 10"	27"
	LESS THAN OR EQUAL TO 7'-8"	36"
	GREATER THAN 7'-8"	54"
10'	LESS THAN 6'-6"	30"
	LESS THAN OR EQUAL 8'-6"	40"
	GREATER THAN 8'-6"	60"

NOTE: ABOVE TABLE ASSUMES FULLY SHEATED CONSTRUCTION (CONTINUOUS STRUCTURAL PANEL SHEATHING) IN ACCORDANCE WITH THE IRC 2003 CODE, SECTION R602.10.5



NOTE: THESE PLANS ARE FOR THE USE OF THE BUILDER IN FACILITATING CONSTRUCTION. ALL DIMENSIONS INDICATED ARE APPROXIMATE AND MAY VARY DUE TO ADJUSTMENTS REQUIRED IN THE FIELD. OPTIONAL FEATURES, FINISHES, ELECTRICAL AND H.V.A.C. EQUIPMENT MAY OR MAY NOT BE INDICATED ON PLANS.



TYP. SIDE AND REAR WALL SECTION  
NTS

NOTE: ALL BRACING WALLS ON 1/2" SHEATHING CONTINUOUS WOOD BOARDS METHOD: CS-WSP "CONTINUOUS WOOD STRUCTURAL PANEL SHEATHING."

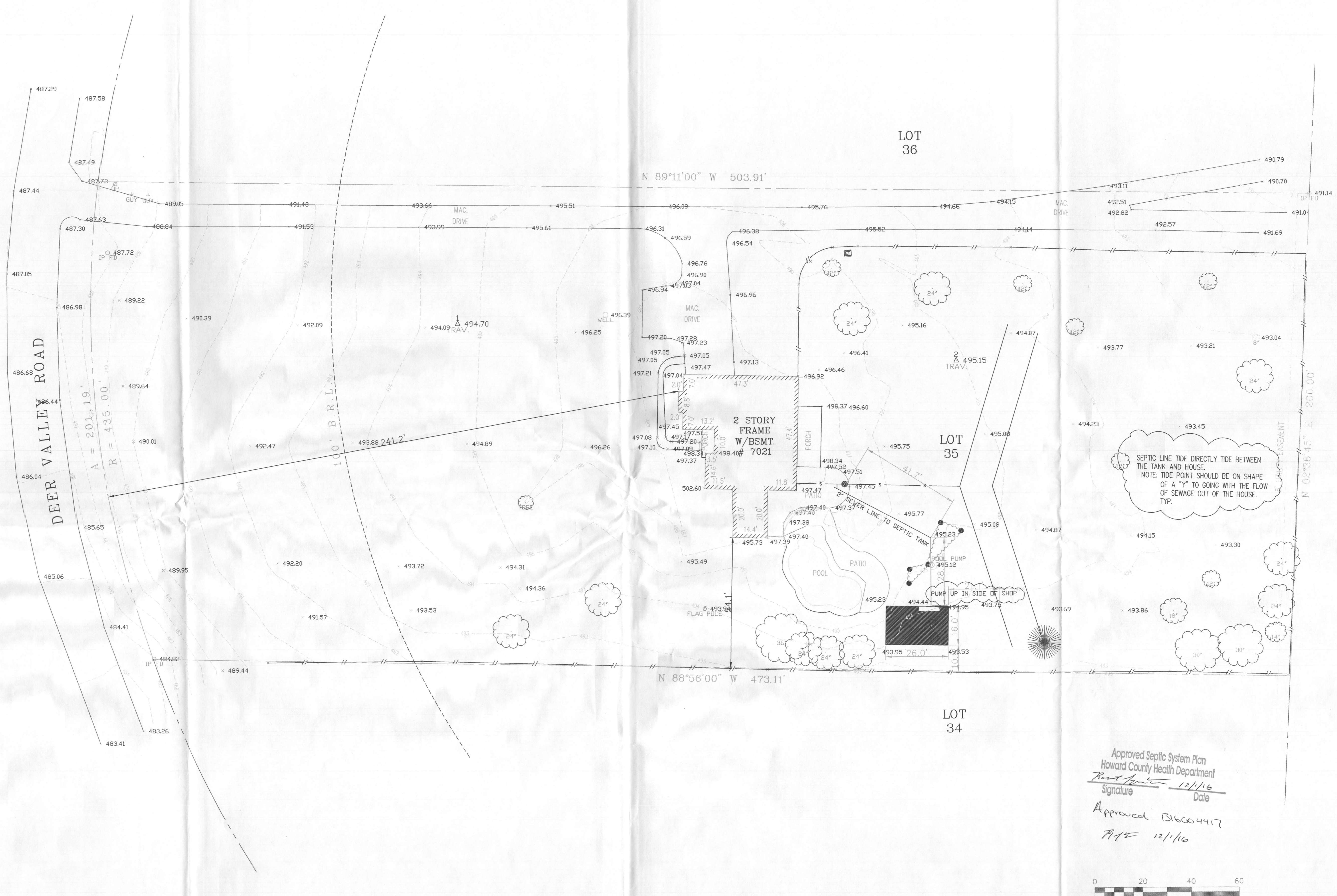
Approved Septic System Plan  
Howard County Health Department  
Signature: [Signature] Date: 12/1/16  
Approved R36004417  
TAE 12/1/16

OWNER: MRS. LORI MCKAY  
7021 DEER VALLEY  
BUILDER: MRS. LORI MCKAY  
OWNER: MRS. LORI MCKAY  
DESIGN BY: JORGE VALVERDE  
DAMAT SERVICES INC.

7021 DEER VALLEY  
HIGHLAND MD. 20705  
MRS. LORY MCKAY  
MR. MATTHEW CHOPPER  
SHOP ADDITION

CONSTRUCTION DETAILS  
BRACING WALL SCHEDULES  
MECHANICAL FLOOR PLAN

DATE: SEPT. 26-2016  
DRAWING BY: DAMAT Services Inc.  
Jorge Valverde

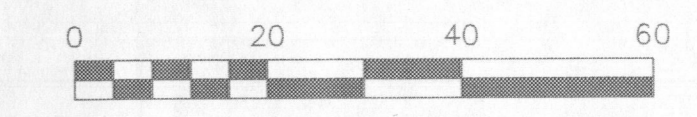


**LEGEND**

These standard symbols will be found in the drawing.

- \* FIRE HYDRANT
- ⊗ UTILITY POLE
- ∇ VALVE
- TREE
- △ TRAVERSE POINT
- ⊙ MANHOLE
- ⊕ TELEPHONE MANHOLE
- ⊙ SEWER MANHOLE
- ⊙ CLEAN OUT
- TREE
- ⊗ LIGHT POLE
- ⊙ ELECTRIC MANHOLE
- ⊙ WATER MANHOLE
- SHRUB
- WOOD FENCE
- - - CHAINLINK FENCE
- WATER LINE
- - - SEWER LINE

Approved Septic System Plan  
 Howard County Health Department  
*Paul [Signature]* 12/1/16  
 Signature Date  
 Approved B1600417  
 FAE 12/1/16



**KRIS CONSULTANTS. LLC**

301 PIPING ROCK DRIVE, SILVER SPRING, MD. 20905  
 TEL: (301) 439-1891 FAX: (301) 439-5636  
 EMAIL: KRISCONSULTANT1@VERIZON.NET

TOPOGRAPHIC SURVEY  
 7021 DEER VALLEY ROAD, HIGHLAND  
 LOT 35  
 CISSSEL FARM  
 PLAT BOOK 9 PLAT 54  
 HOWARD COUNTY, MARYLAND

DATE:	SEPT. 13, 2016
SCALE HZ:	1"=20'
SCALE VT:	N/A
DRAWN BY:	K.S.
COMPUTED BY:	K.S.
CHECKED BY:	K.S.

C-1