

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

Facebook: www.facebook.com/hocohealth

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

RECEIPT DATE: 12/1/16

ONSITE SEWAGE DISPOSAL SYSTEM

P 559855

INSTALLATION

PERMIT

APPROVAL DATE: 2/3/17

A _____

SEWER HOUSE CONNECTION

PROPERTY ADDRESS: 7021 Deer Valley Rd.

SUBDIVISION: Cissel Farms

LOT: 35 TAX ID: 05-425271

CONTRACTOR: Saul Majalta MDP Contracting

EMAIL: mq@mdpcontracting.com

CONTRACTOR ADDRESS: 6531 Midcities Ave. Suite #12 Beltsville, MD 20705

PHONE: 240-508-2004

PROPERTY OWNER: Mrs. Lori McRay

EMAIL: _____

OWNER ADDRESS: 7021 Deer Valley Rd.

PHONE: _____

NUMBER OF BEDROOMS: 4

CONNECTED TO PUBLIC WATER: YES NO

LOCATION:	INSTALL 4" SEWER LINE PER APPROVED SITE PLAN.
NOTES:	

ISSUED BY: Robert Freemon

ISSUE DATE: 12/1/16

EXPIRATION DATE: 12/1/17

NOTE: HOWARD COUNTY BUREAU OF UTILITIES APPROVAL OF GRINDER PUMP INSTALLATION IS REQUIRED PRIOR TO SEPTIC PERMIT APPROVAL

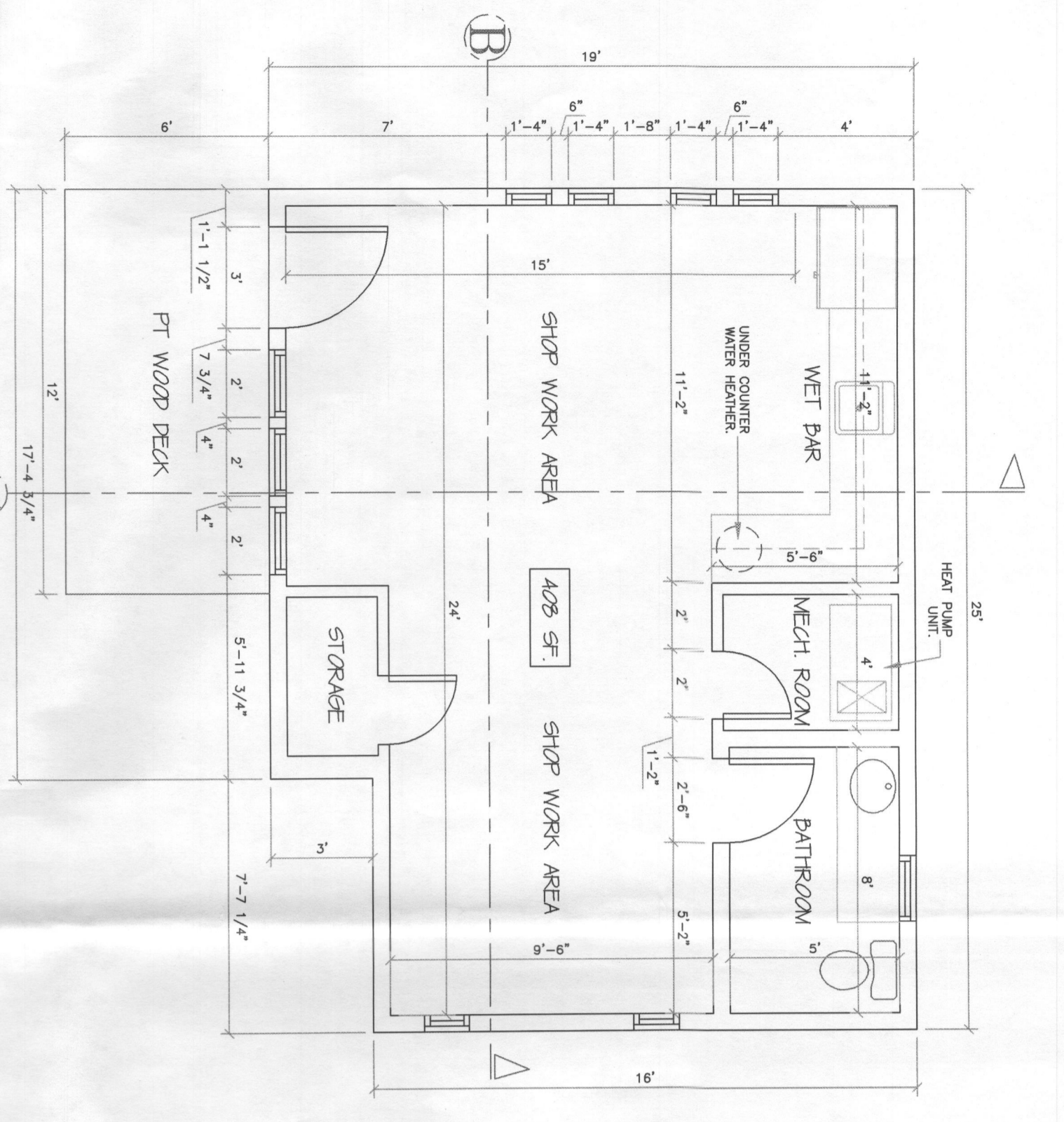
NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

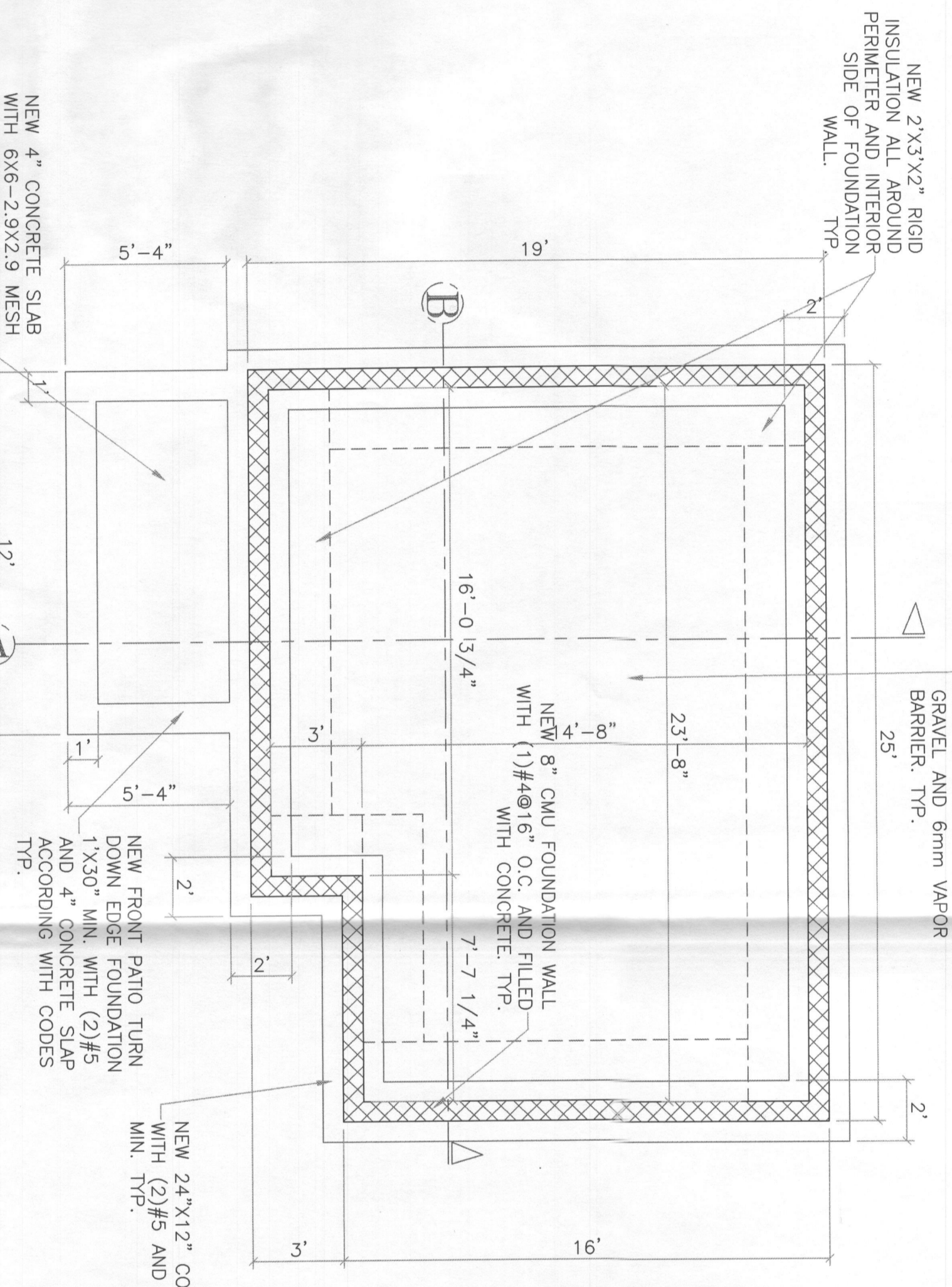
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

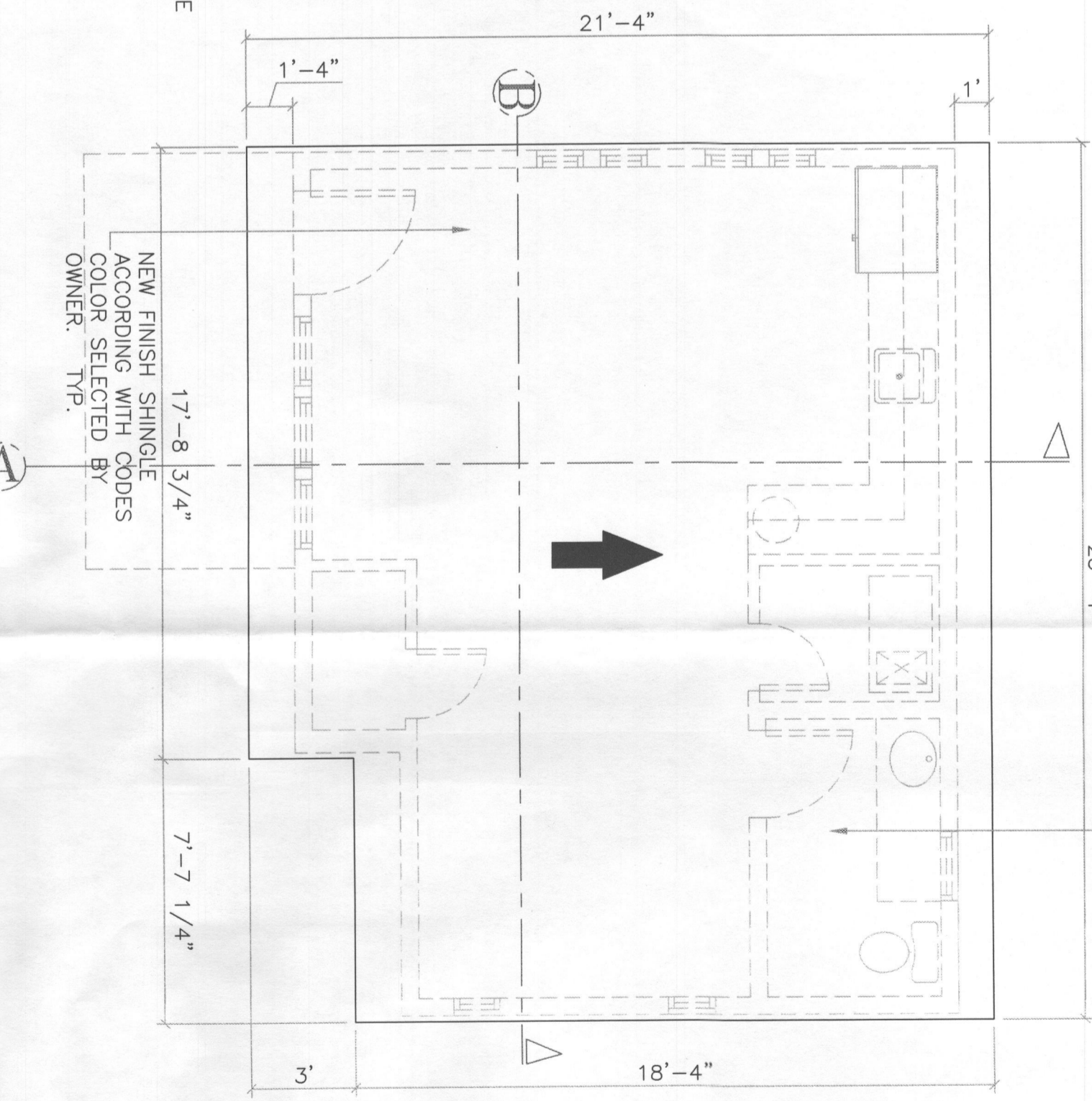
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM.



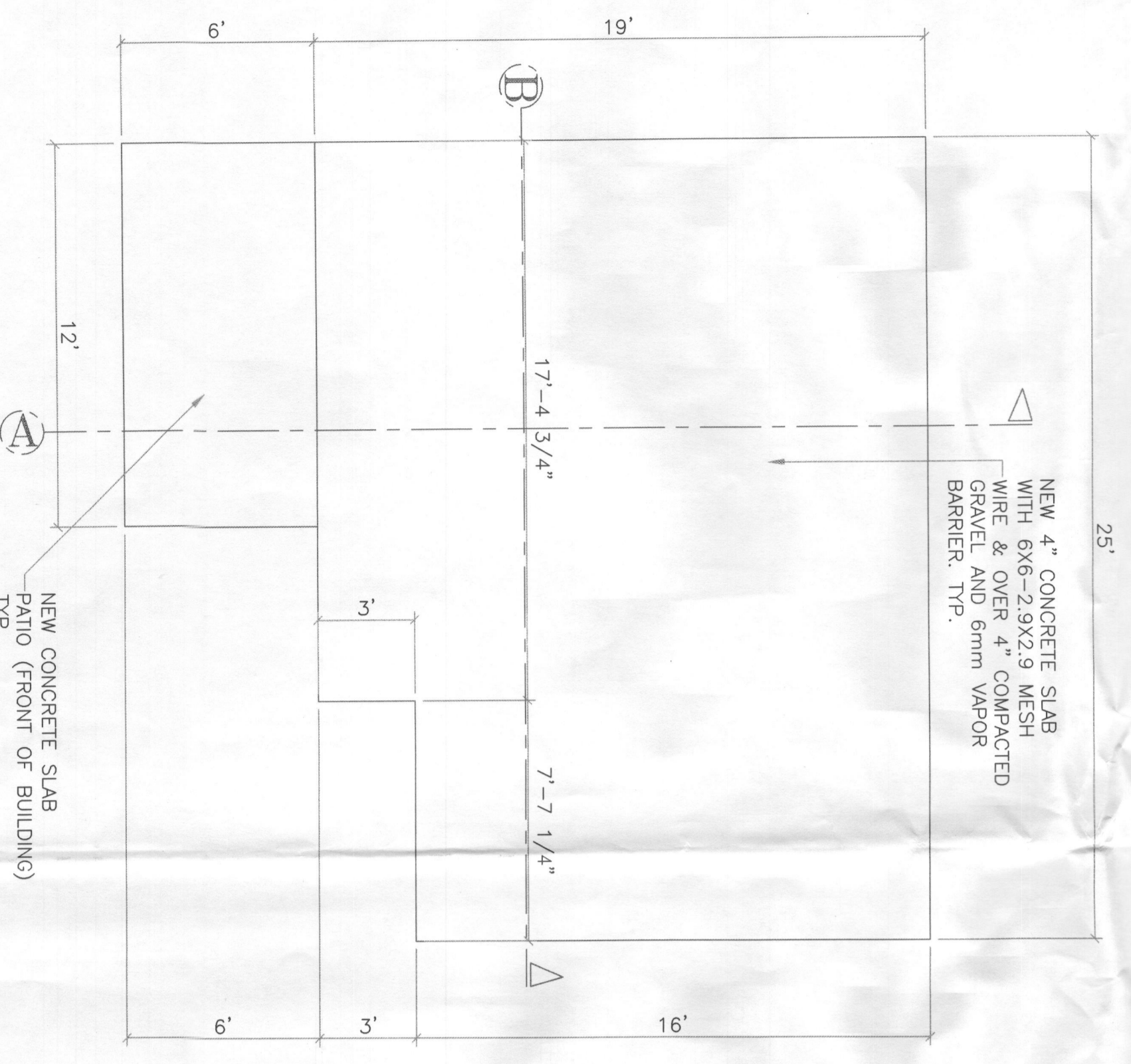
FIRST FLOOR (SHOP BUILDING)
1/4"=1'-0"



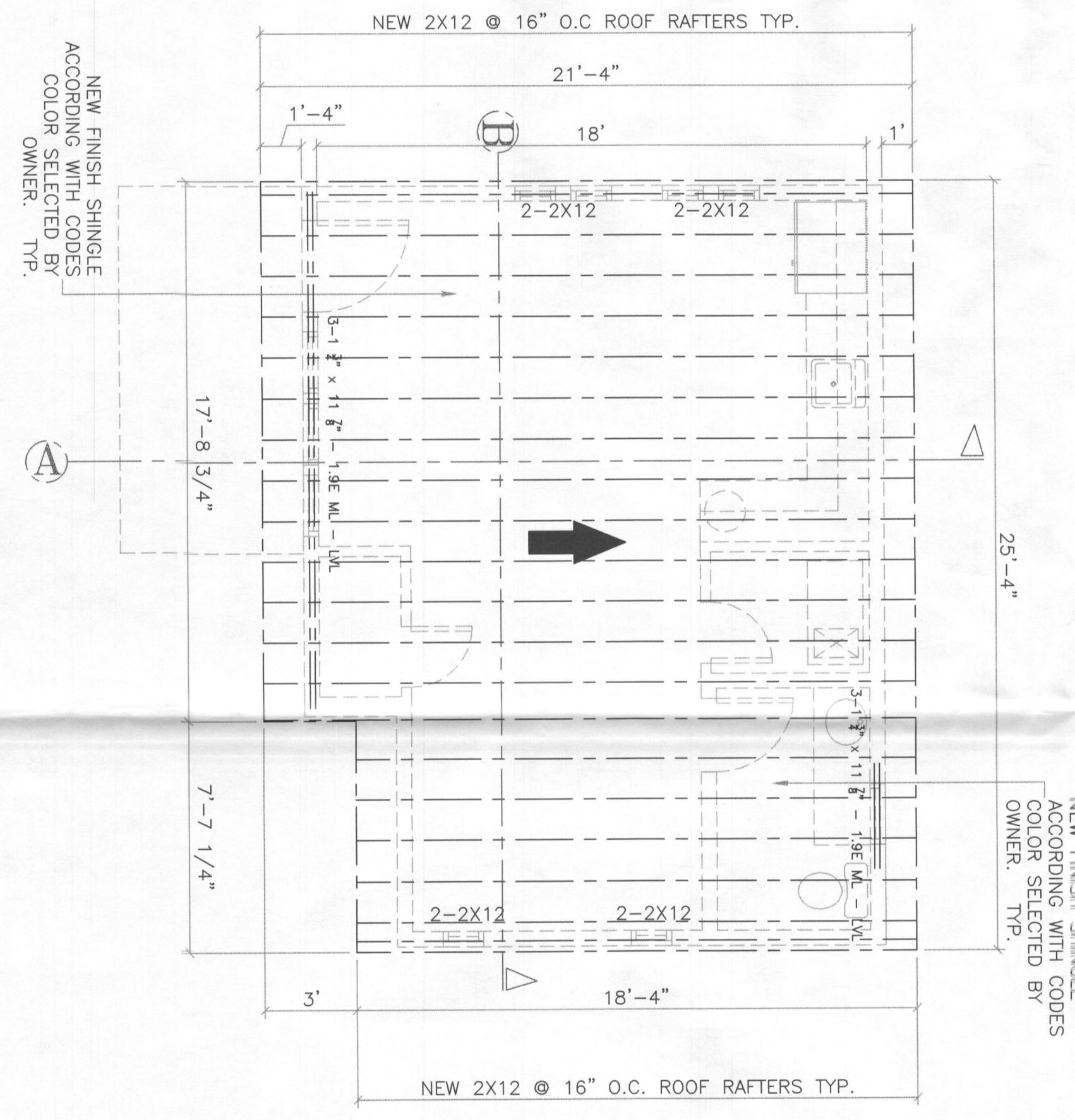
FOUNDATION FLOOR PLAN
1/4"=1'-0"



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



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



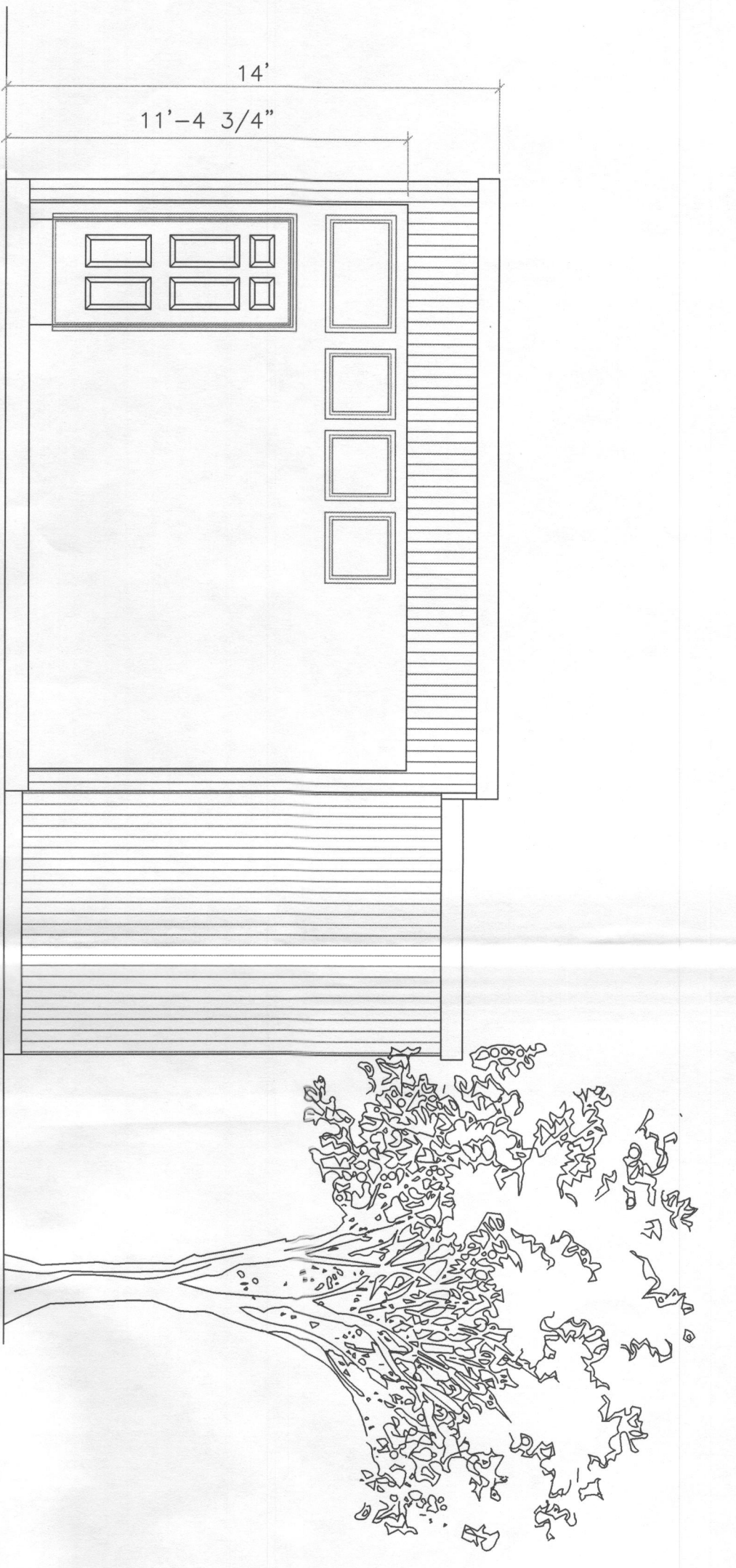
NEW SHOP ROOF FRAMING PLAN
1/4"=1'-0"

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

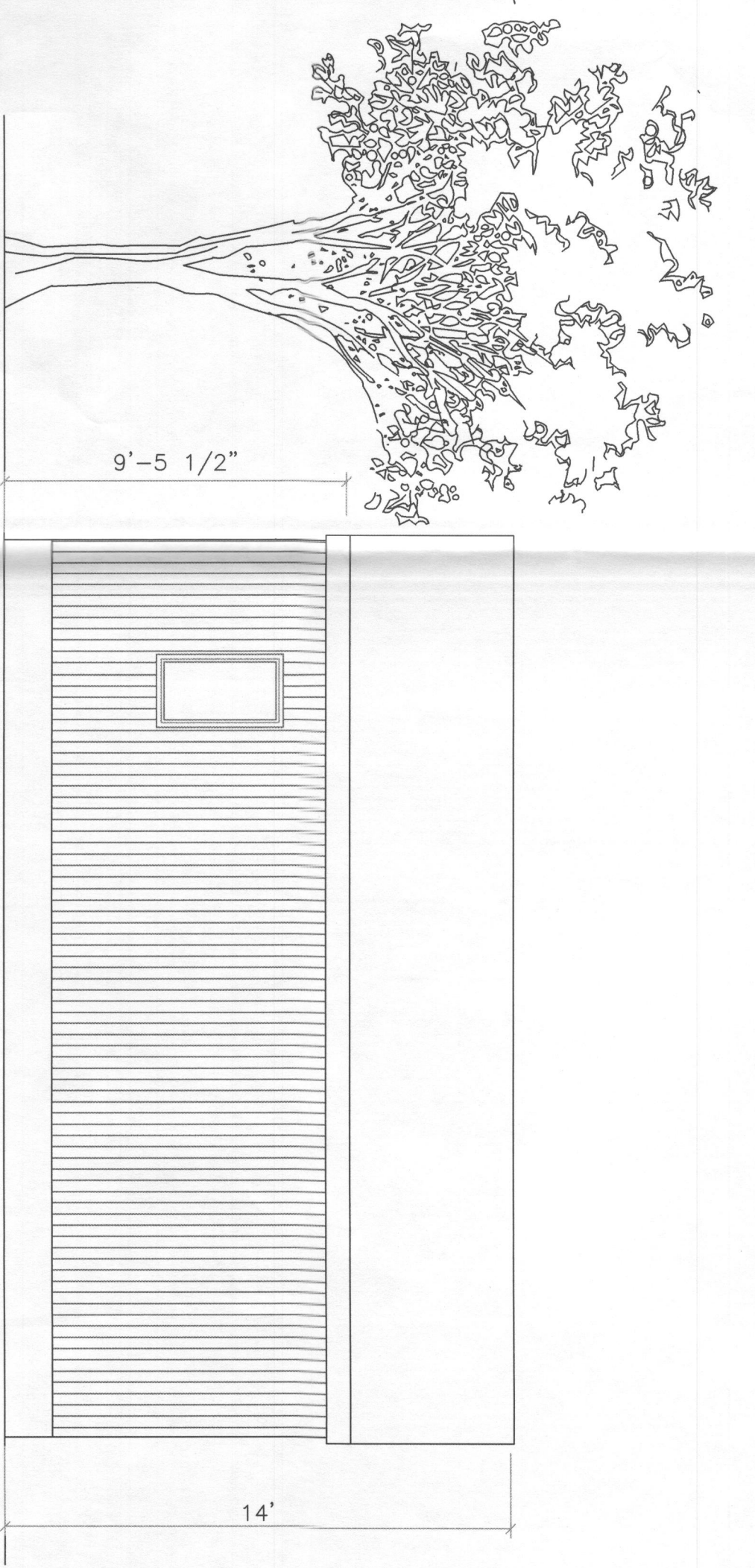
NOTE: THESE PLANS ARE FOR THE USE OF THE BUILDER IN FACILITATING CONSTRUCTION. ALL DIMENSIONS INDICATED ARE APPROXIMATE AND MAY VARY DUE TO ADJUSTMENTS REQUIRED IN THE FIELD. OPTIONAL FEATURES, FINISHES, ELECTRICAL AND H.V.A.C. EQUIPMENT MAY OR MAY NOT BE INDICATED ON PLANS.

Approved Septic System Plan
Howard County Health Department
Signature: *[Signature]* 12/1/16
Date
Approved: S16004417
Date: 12/1/16

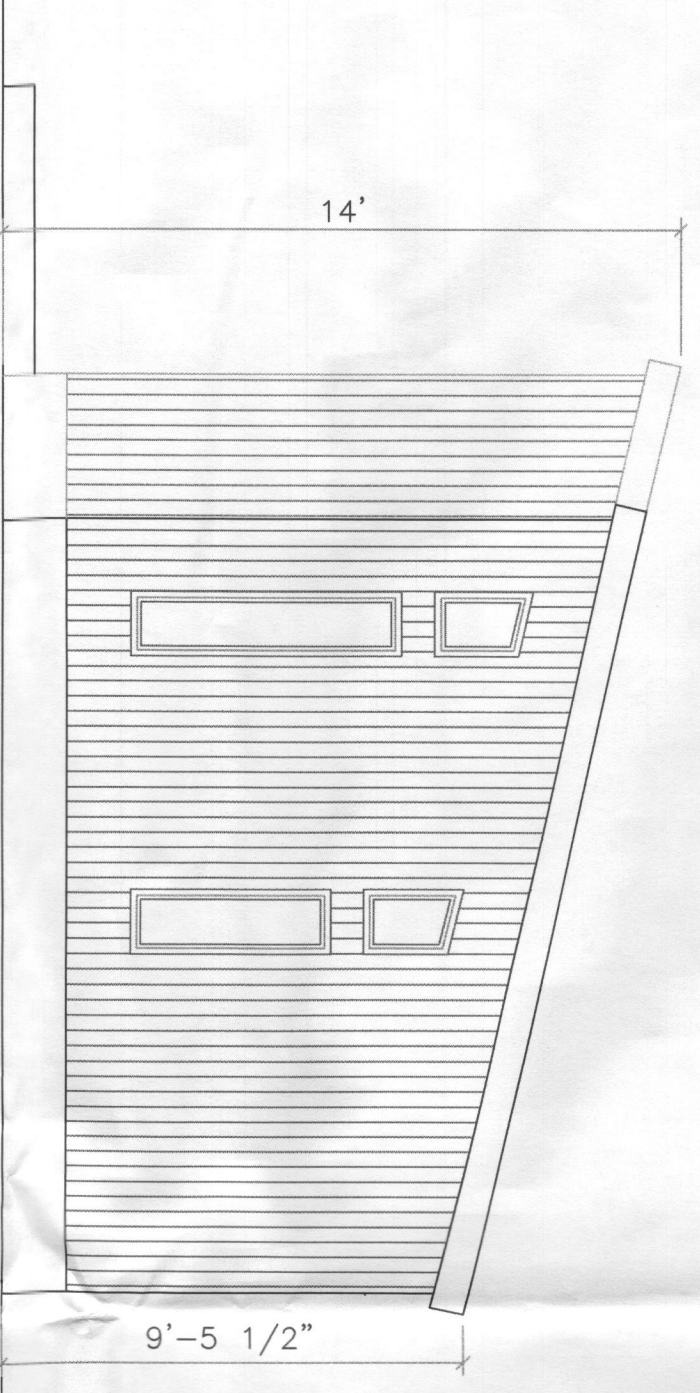
A1	REAR ADDITION FLOOR PLANS & ELEVATIONS	7021 DEER VALLEY HIGHLAND MD. 20705 MRS. LORY McKAY MR. MATTHEW CHOPPER SHOP ADDITION	OWNER: MRS. LORI McKAY 7021 DEER VALLEY BUILDER: OWNER: MRS. LORI McKAY DESIGN BY: OWNER: JORGE VALVERDE DAMAT SERVICES INC.	DATE: SEPTEMBER 26-2016
				DRAWING BY: DAMAT Services Inc. Jorge Valverde



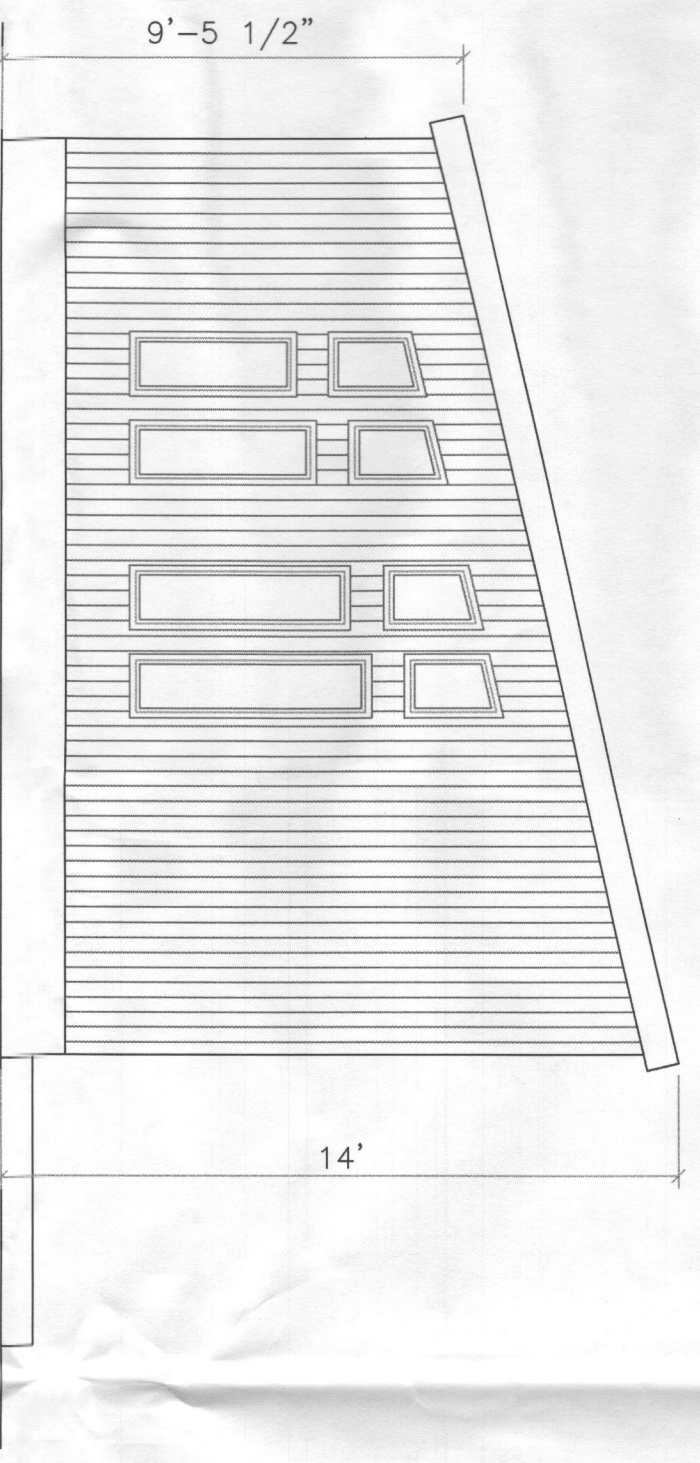
FRONT ELEVATION
1/4"=1'-0"



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



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

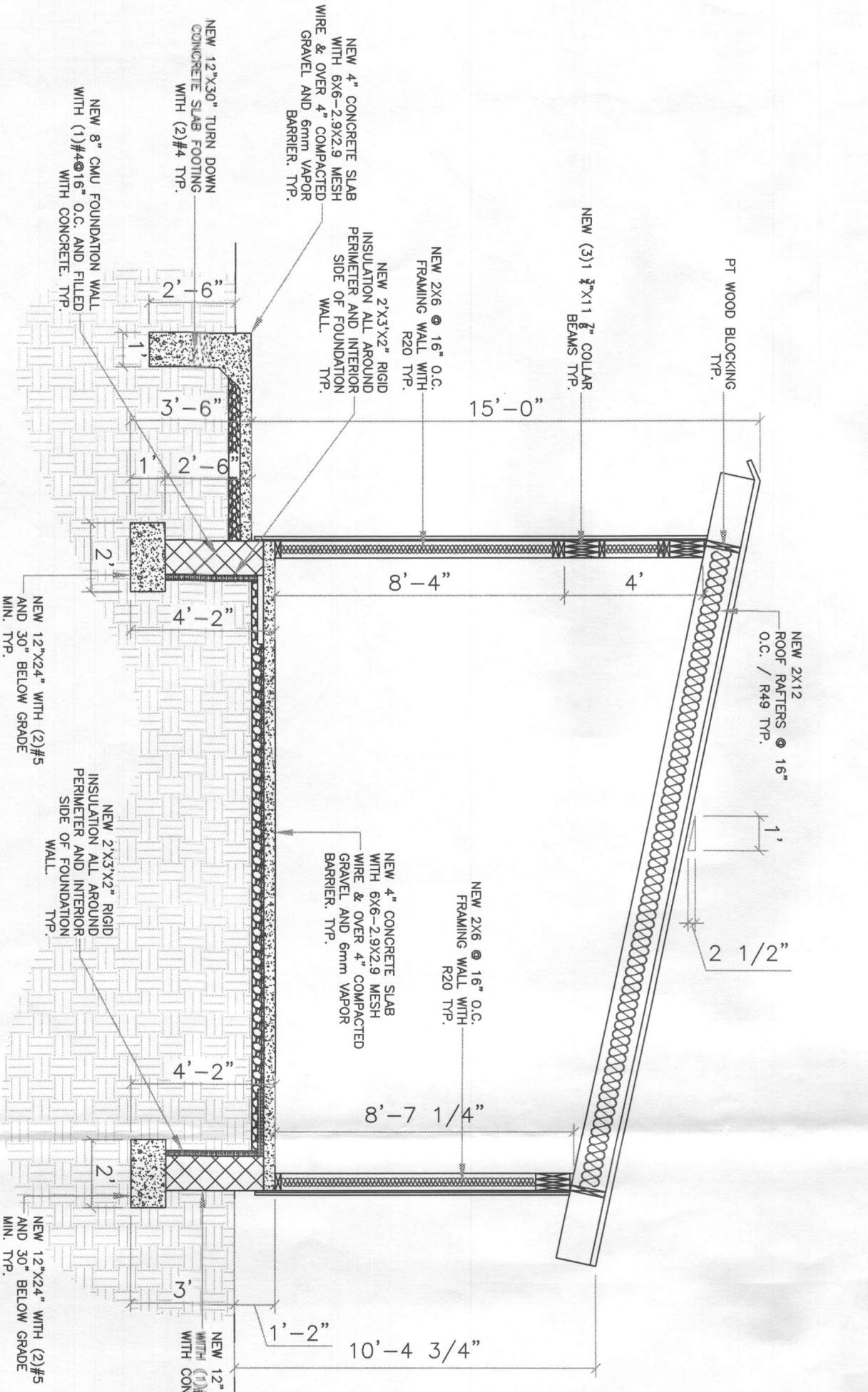


SIDE ELEVATION
1/4"=1'-0"

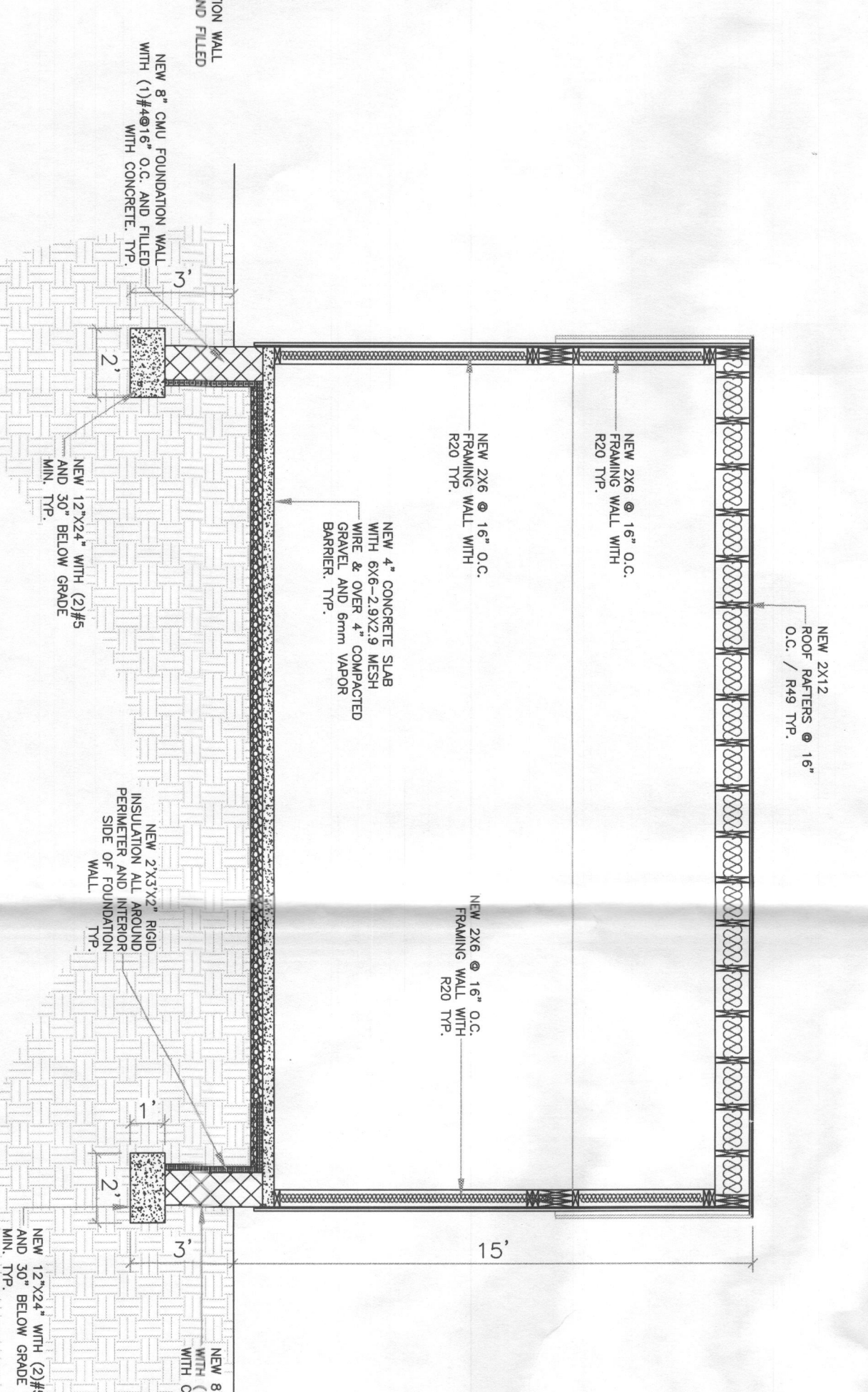
NOTE:
THESE PLANS ARE FOR THE USE OF THE BUILDER IN FACILITATING CONSTRUCTION. ALL DIMENSIONS INDICATED ARE APPROXIMATE AND MAY VARY DUE TO ADJUSTMENTS REQUIRED IN THE FIELD. OPTIONAL FEATURES, FINISHES, ELECTRICAL AND H.V.A.C. EQUIPMENT MAY OR MAY NOT BE INDICATED ON PLANS.

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

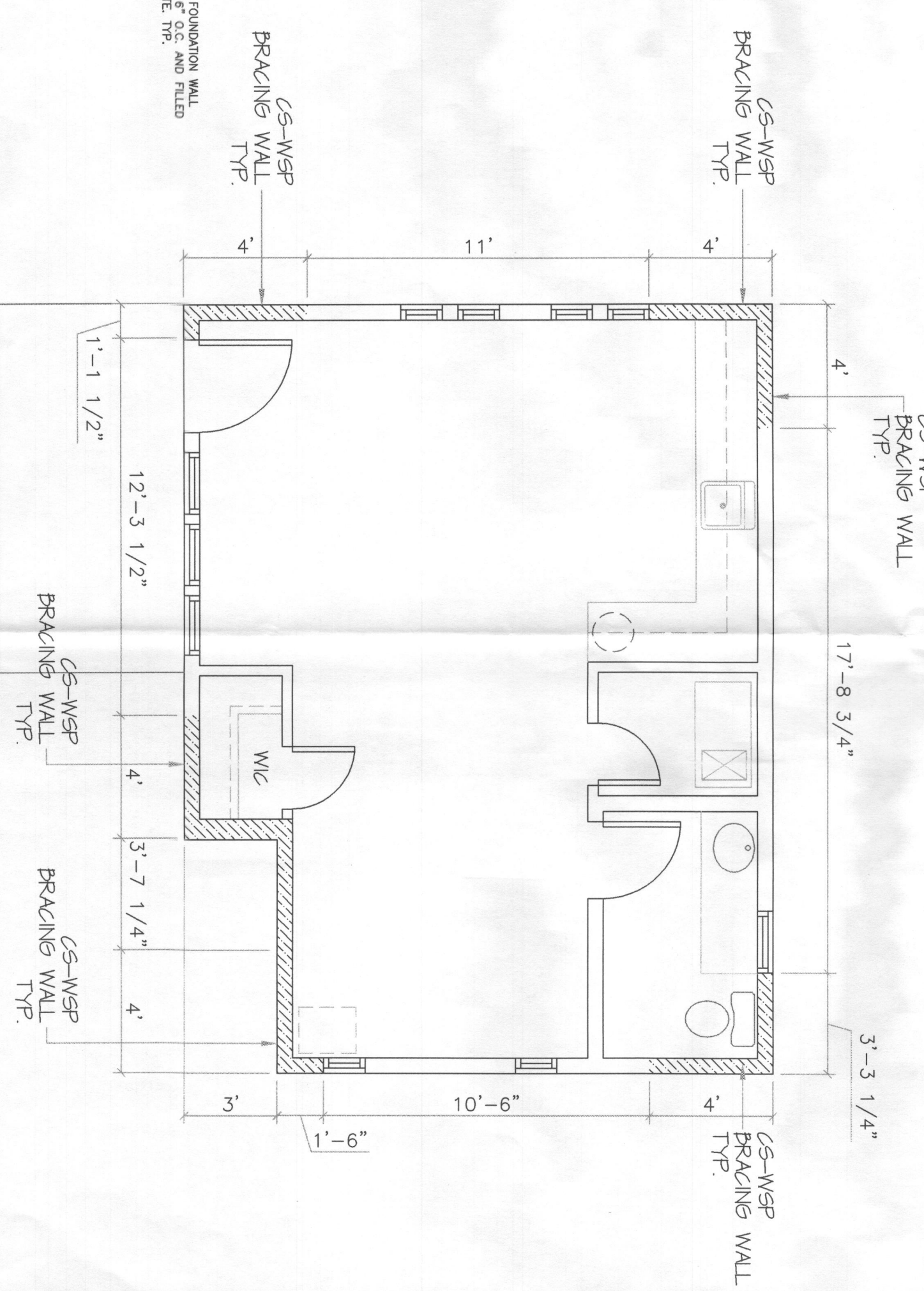
Approved Septic System Plan
Howard County Health Department
Signature: *[Signature]* Date: 12/1/16
Approved: Eric Coyle Date: 12/1/16



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

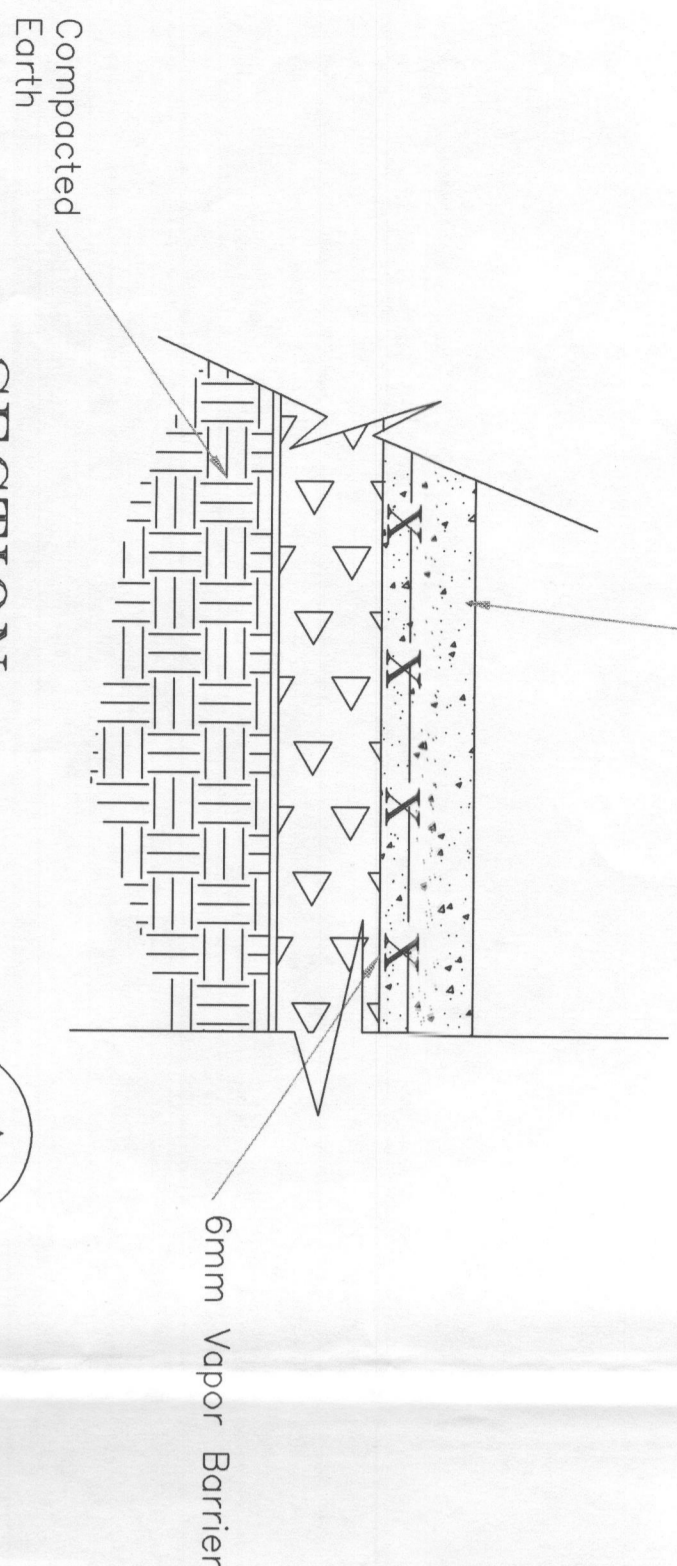


SECTION B
1/4"=1'-0"



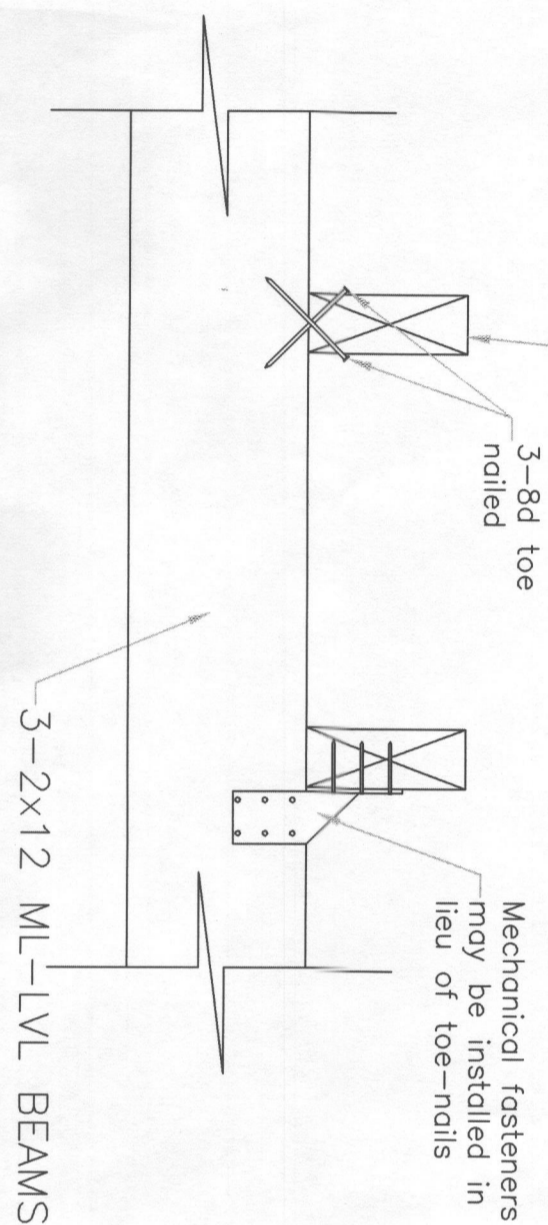
EXISTING/PROPOSED SECOND FLOOR PLAN
BRACING WALL DETAIL (METHOD)
1/4"=1'-0"

New 4" concrete slab with
W/F 6x6-29X29 over
4" 57 blue stone gravel
compacted 95%



SECTION A
Scale = N.T.S.

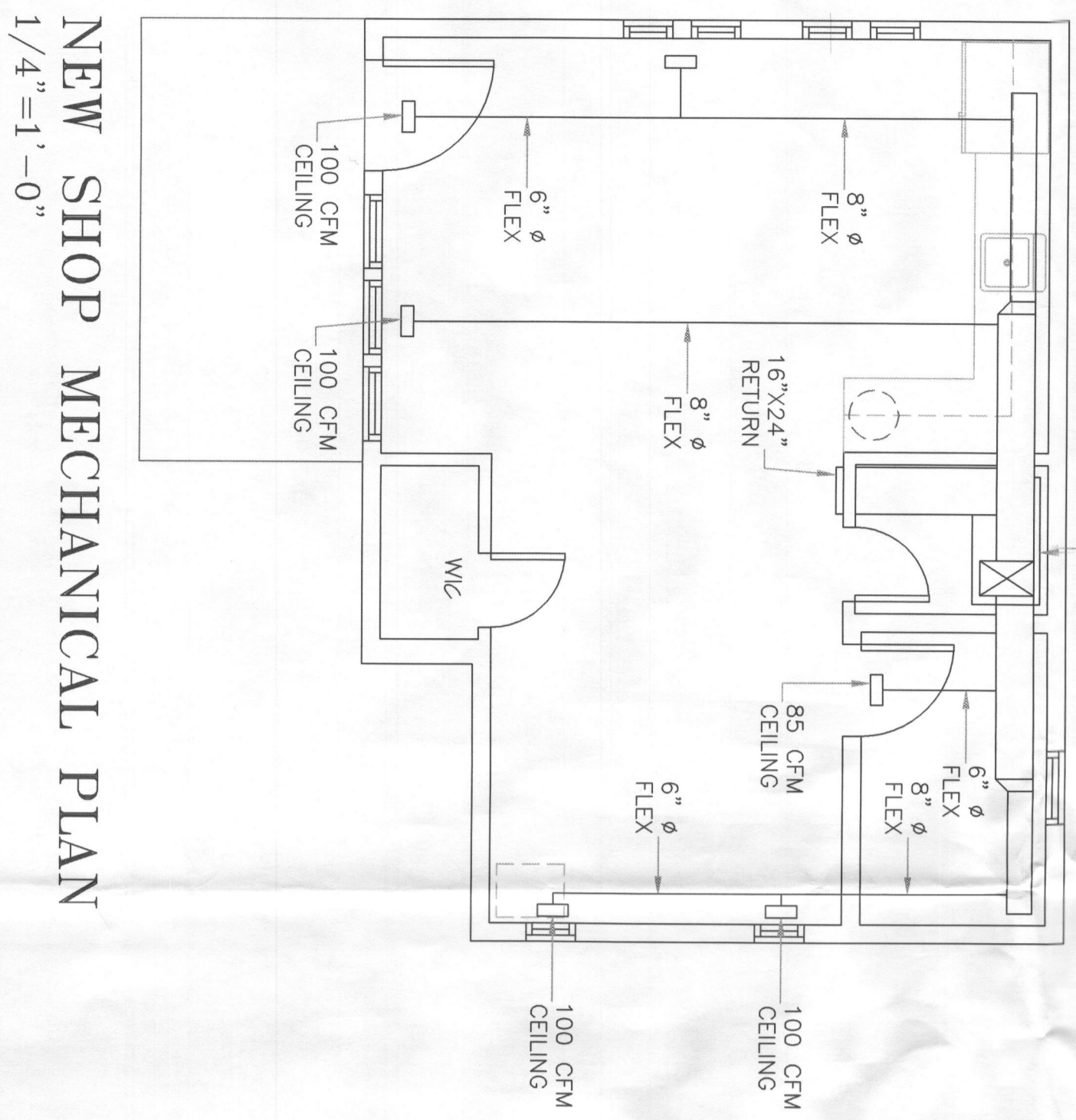
2x14 ML-LVL RAFTERS



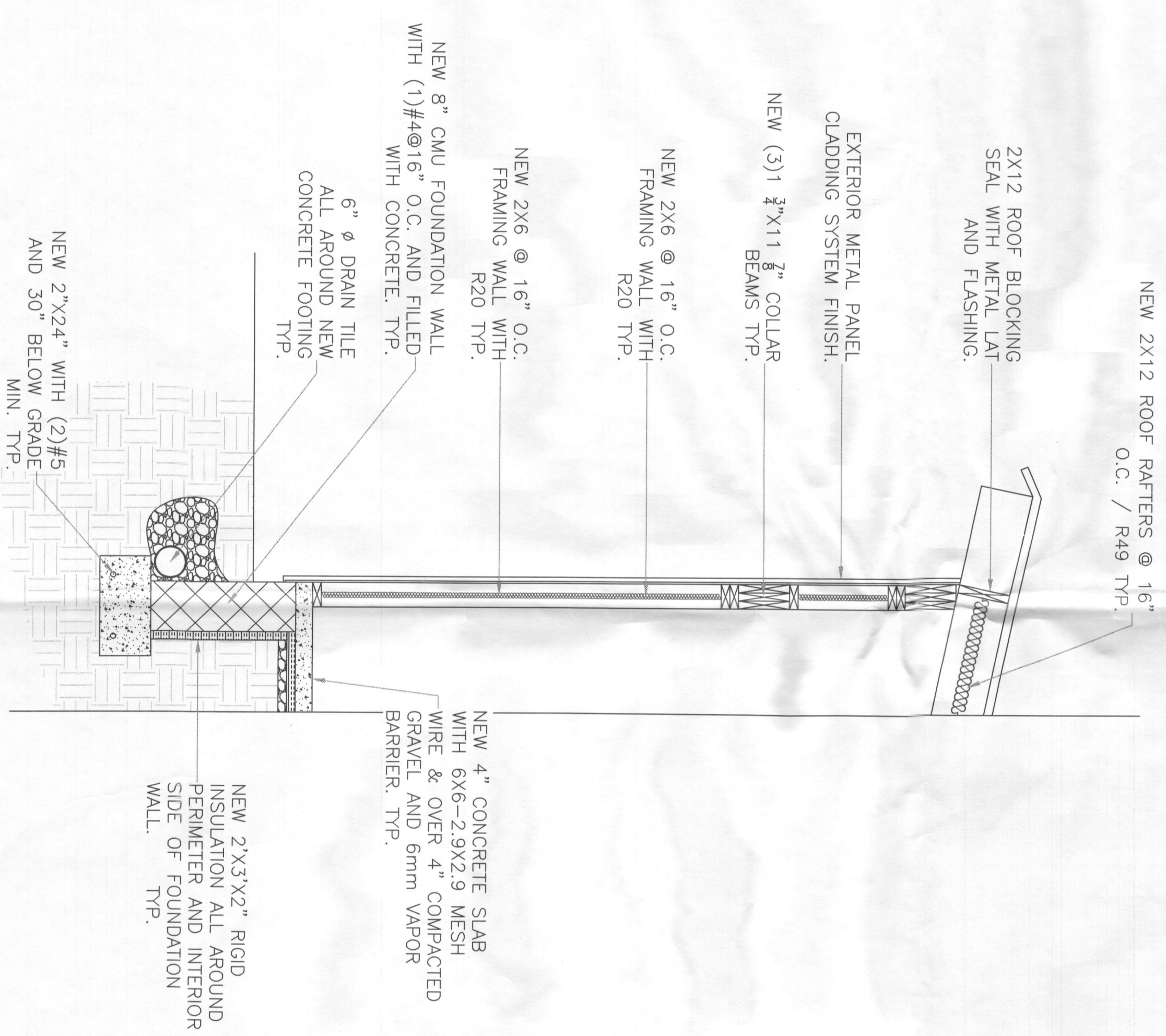
RAFTERS - TO BEAM DETAIL
SCALE = N.T.S.

BRACED WALL PANEL SIZE REQUIREMENTS	
WALL HEIGHT "h"	HEIGHT OF OPENNING NEXT TO BW PANEL "h1"
8'	LESS THAN 5' - 2 1/2"
	LESS THAN OR EQUAL TO 6' - 10"
	GREATER THAN 6' - 10"
9'	LESS THAN 5' - 10"
	LESS THAN OR EQUAL TO 7' - 8"
	GREATER THAN 7' - 8"
10'	LESS THAN 6' - 6"
	LESS THAN OR EQUAL 6' - 6"
	GREATER THAN 6' - 6"

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



NEW SHOP MECHANICAL PLAN
1/4"=1'-0"



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."

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Howard County Health Department
Signature: [Signature] Date: 12/1/16
Approved: [Signature] Date: 12/1/16

A4

CONSTRUCTION DETAILS
BRACING WALL SCHEDULES
MECHANICAL FLOOR PLAN

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

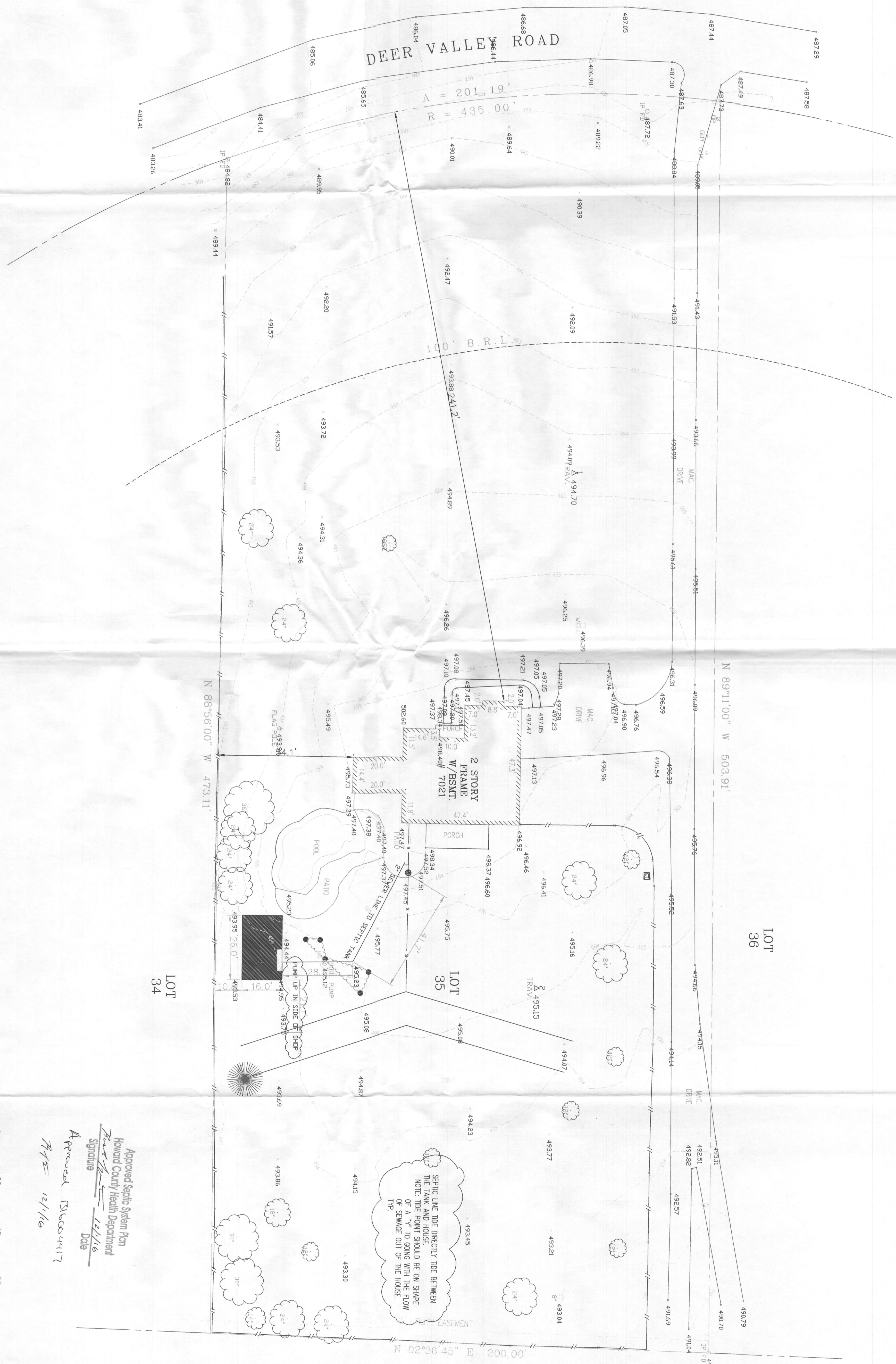
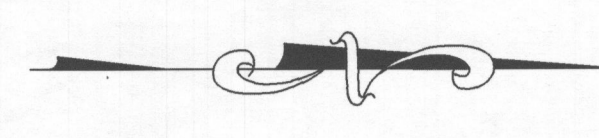
OWNER:
MRS. LORI McKAY
7021 DEER VALLEY
BUILDER:
OWNER
MRS. LORI McKAY
DESIGN BY:
OWNER
JORGE VALVERDE
DAMAT SERVICES INC.

DATE: SEPT. 26-2016

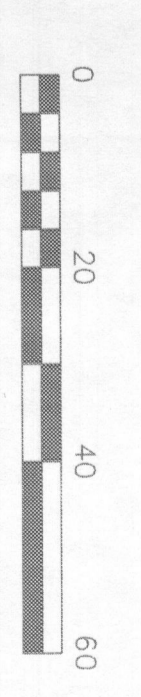
DRAWING BY: DAMAT Services Inc.
Jorge Valverde

- These standard symbols will be found in the drawing:
- * FIRE HYDRANT
 - UTILITY POLE
 - VALVE
 - TREE
 - △ RANGERS POINT
 - TELEPHONE MANHOLE
 - SEWER MANHOLE
 - SEWER
 - LIGHT POLE
 - TREE
 - LIGHT POLE
 - ELECTRIC MANHOLE
 - WATER MANHOLE
 - SIBIR
 - WOOD FENCE
 - CHAINLINK FENCE
 - WATER LINE
 - SEWER LINE

LEGEND



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

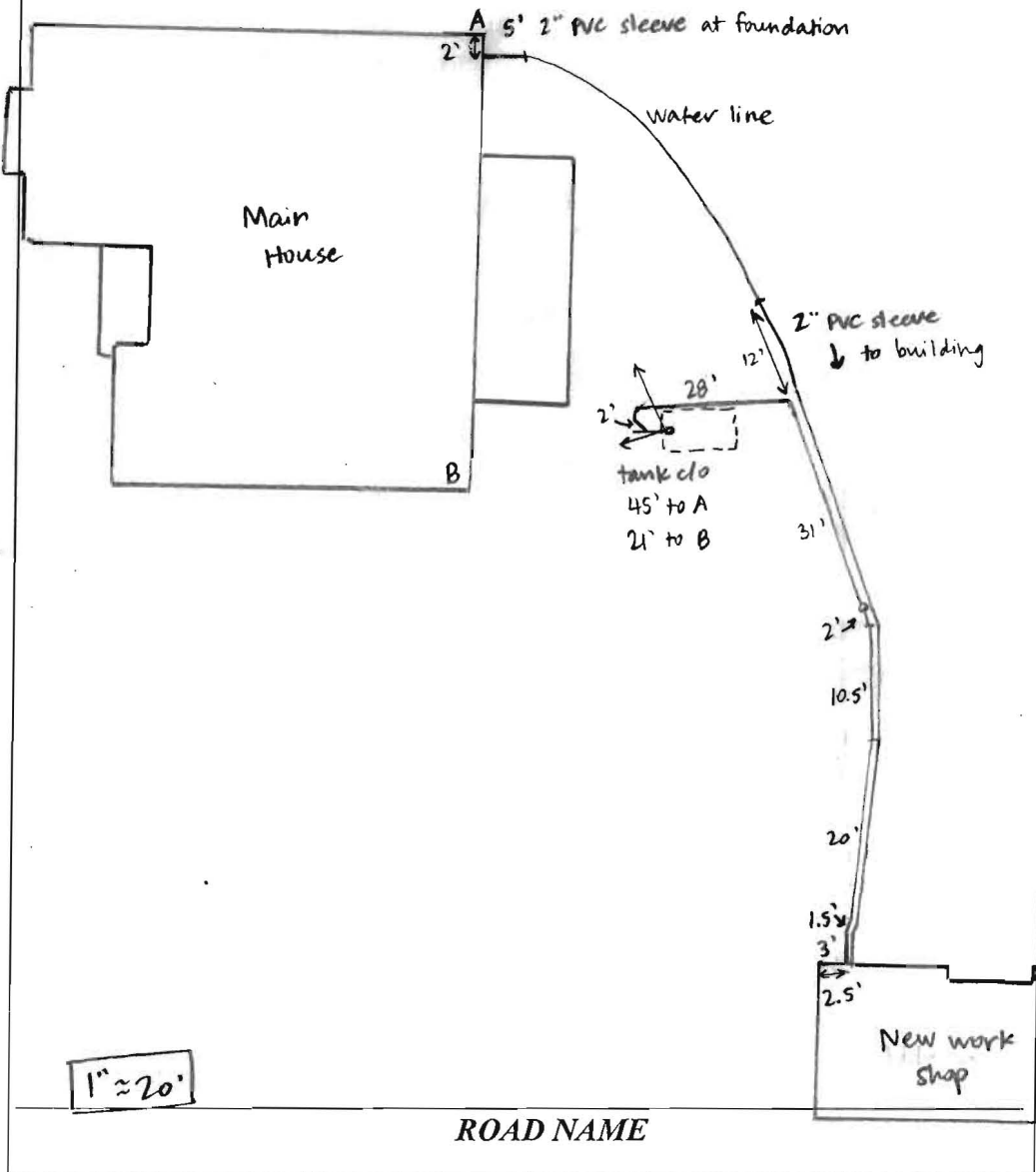


KRIS CONSULTANTS, LLC
 301 PIPING ROCK DRIVE, SILVER SPRING, MD. 20905
 TEL: (301) 439-1891 FAX: (301) 439-5636
 EMAIL: KRISCONSULTANT7@VERIZON.NET

TOPOGRAPHIC SURVEY
 7021 DEER VALLEY ROAD, HIGHLAND
 LOT 35
 CISSEL 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.

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES _____		
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL _____		
DISTRIBUTION BOX BAFFLE _____		
DISTRIBUTION BOX PORT _____		

SEPTIC TANK DATA

SEPTIC TANK I LEVEL _____

MANUFACTURER _____

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH 2.5'

BAFFLES _____

BAFFLE FILTER _____

MANHOLE LOC NONE

6" PORT LOC FRONT

WATERTIGHT TEST _____

SLOTTED _____

DATE ON LID _____

PUMP/SEPTIC TANK LEVEL _____

MANUFACTURER _____

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH _____

BAFFLES _____

BAFFLE FILTER _____

MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST _____

SLOTTED _____

DATE ON LID _____

PRE-CONSTRUCTION:

INSTALLATION: 2/3/17 Contractor completed sewer line tie-in from new work shop. 4" PVC, adequate fall in line. Water line is in same trench as sewer line - need sleeve on water line when it's within 10' of sewer line. Water line also needs 5' sleeve at house foundation. 2/3/17 2" PVC sleeve installed on water line from within 12' of joining sewer line in trench to new work shop. 5' sleeve installed at house foundation. (50)

FINAL INSPECTOR Sarah Collins . DATE OF APPROVAL 2/3/17