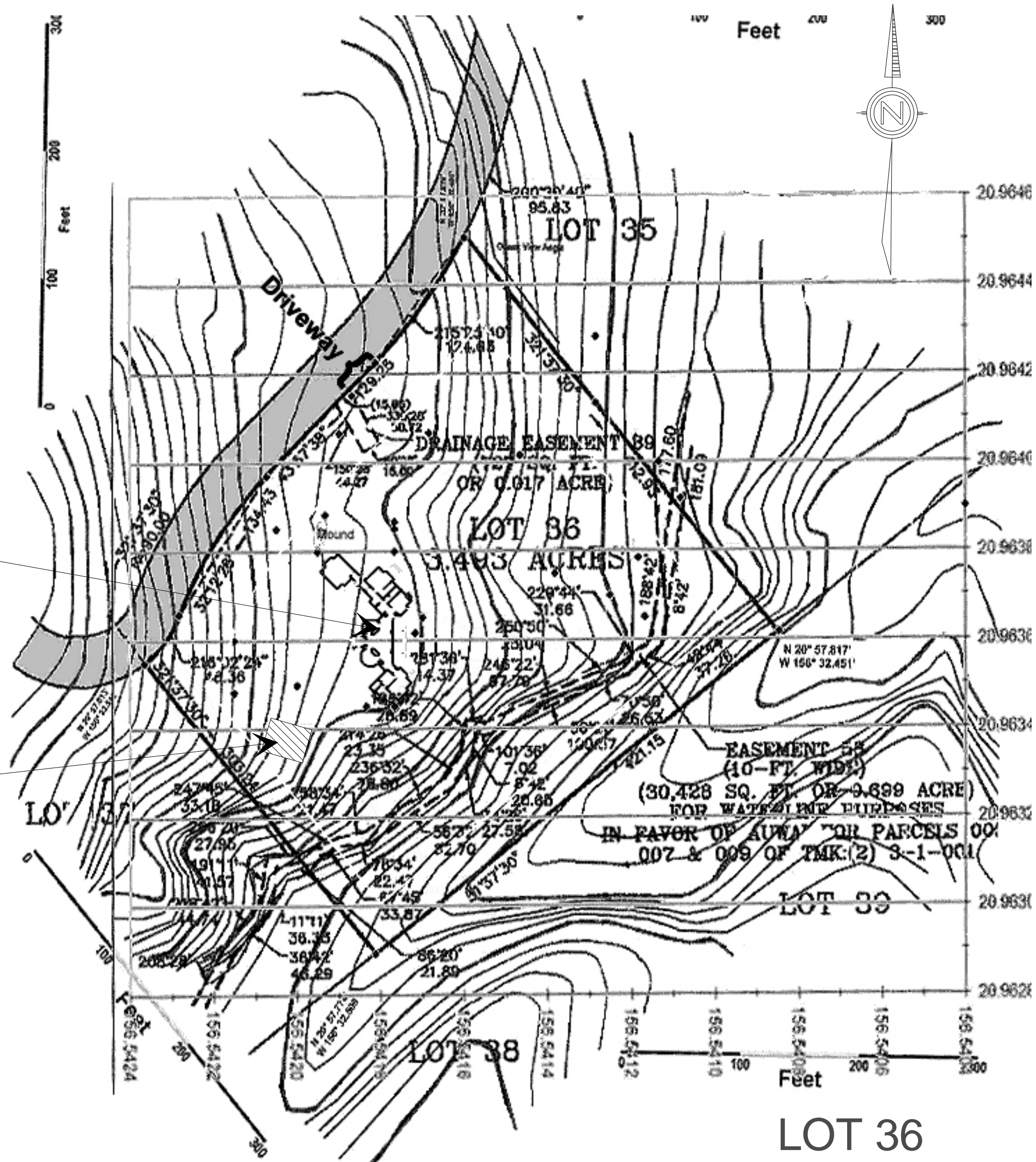
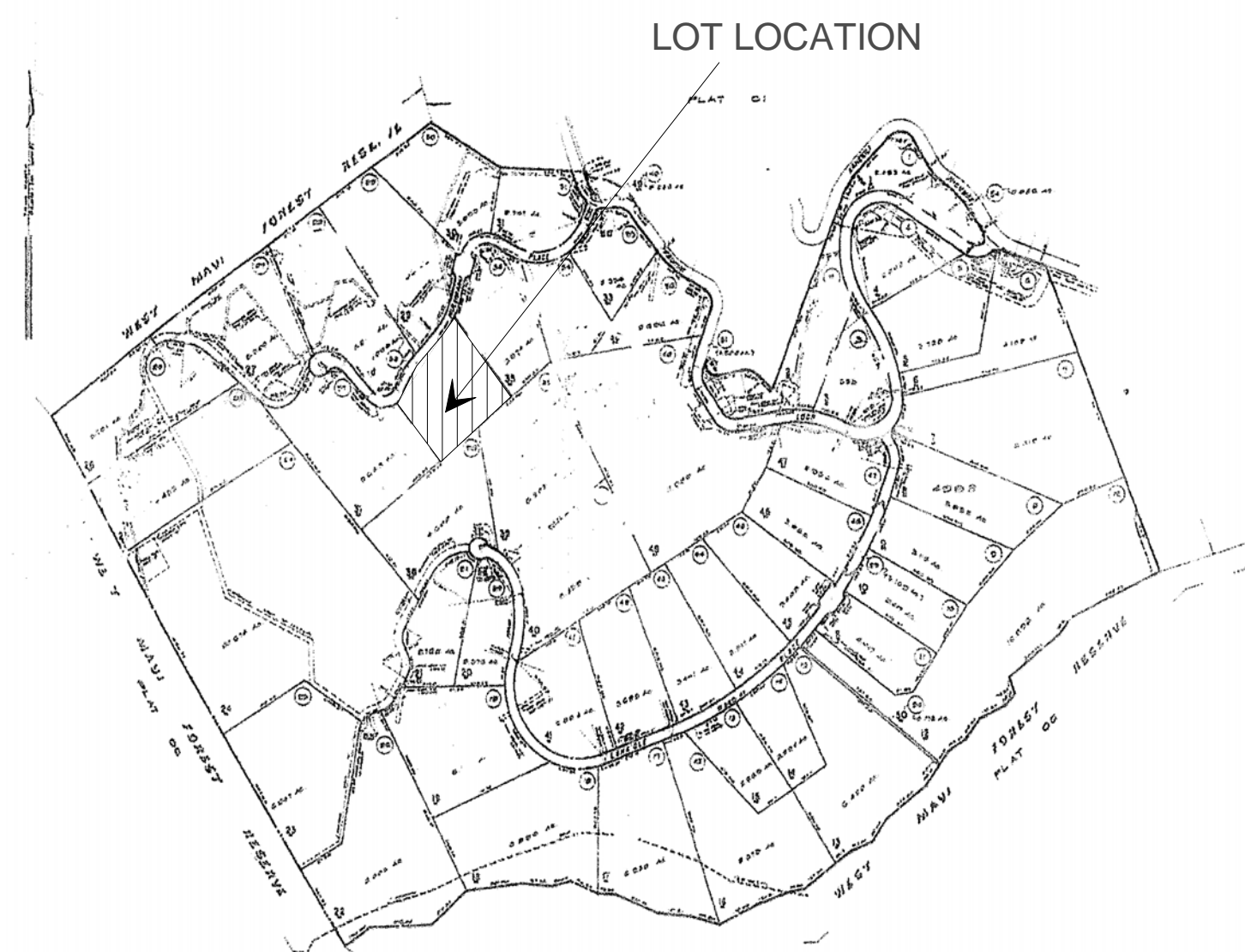


VICINITY MAP  
NOT TO SCALE



LOT 36  
3.493 ACRES  
TMK (2) 3-1-07:36

**DUST CONTROL**

Place soil stockpiles away from your neighbor's house and cover stockpiles with plastic or other sheeting material.

Water loose soil until damp and spray water during the grading operations to control airborne dust.



**EROSION CONTROL**

Only grade or dig up areas of ground where necessary to immediately start construction work. Leaving existing vegetation such as grass, ground cover, weeds, bushes, etc. in-place is the best erosion and dust control measure.

Temporarily cover bare soil areas with plastic or other sheeting materials.

Temporarily cover those areas where equipment and vehicles would travel with crushed rock. This is especially helpful next to the road where vehicles will enter and leave the project.

Replant bare soil areas with grass or ground cover as soon as possible.

**SILT CONTROL**

Place silt fencing so storm runoff water will not carry silt onto roadways and your neighbor's yard, or into drainage systems or drainageways such as gulches.

If silt does get onto the road, you should clean it off as soon as possible without washing it into the storm drain. Be aware that silt on a roadway is especially hazardous to vehicular traffic and it could cause accidents.

**WHAT DO I NEED TO KNOW BEFORE I START GRADING?**

1. You must control dust and erosion.
2. You cannot grade up to the property line unless you are building a retaining wall.
3. You cannot change drainage patterns that may affect other properties.
4. You shall protect archaeological sites and possible burials.
5. You may need a grading permit. If a permit is required, grading without a permit may result in a monetary fine.

**HOW DO I DETERMINE IF I NEED A GRADING PERMIT?**

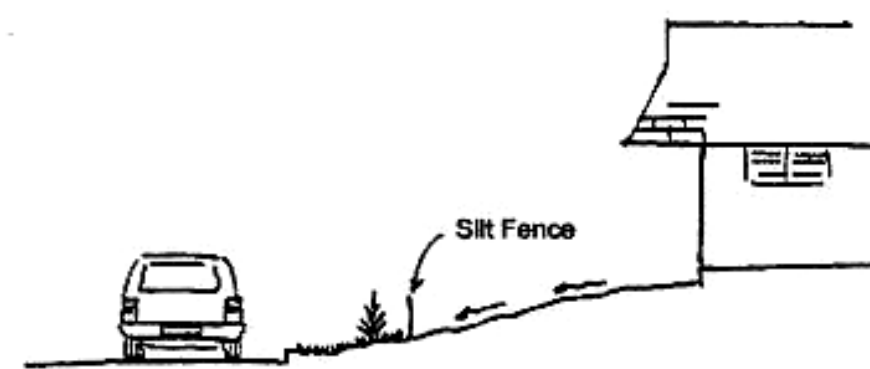
The need to obtain a grading or grubbing permit depends upon whether or not your project is in the Special Management Area district, the size of your project in terms of the number of cubic yards of soil moved, and the depth of the cut or fill. If you fill out a grading check form, a permit applications clerk will be able to determine whether or not you need a grading permit.

**WHAT ARE THE FEES FOR A GRADING PERMIT?**

Volume of Material	Permit Fee
0 to 1,000 cubic yards	\$15 per 100 cubic yards or fraction thereof.
1,001 to 10,000 cubic yards	\$150 for the first 1,000 cubic yards plus \$15 for each additional 1,000 cubic yards or fraction thereof.

**CONTROL DUST AND EROSION**

The County Grading Ordinance requires that all construction projects control dust and erosion to the maximum extent possible. The following measures are commonly used to control dust, erosion, and silt for smaller building projects such as construction of a dwelling.

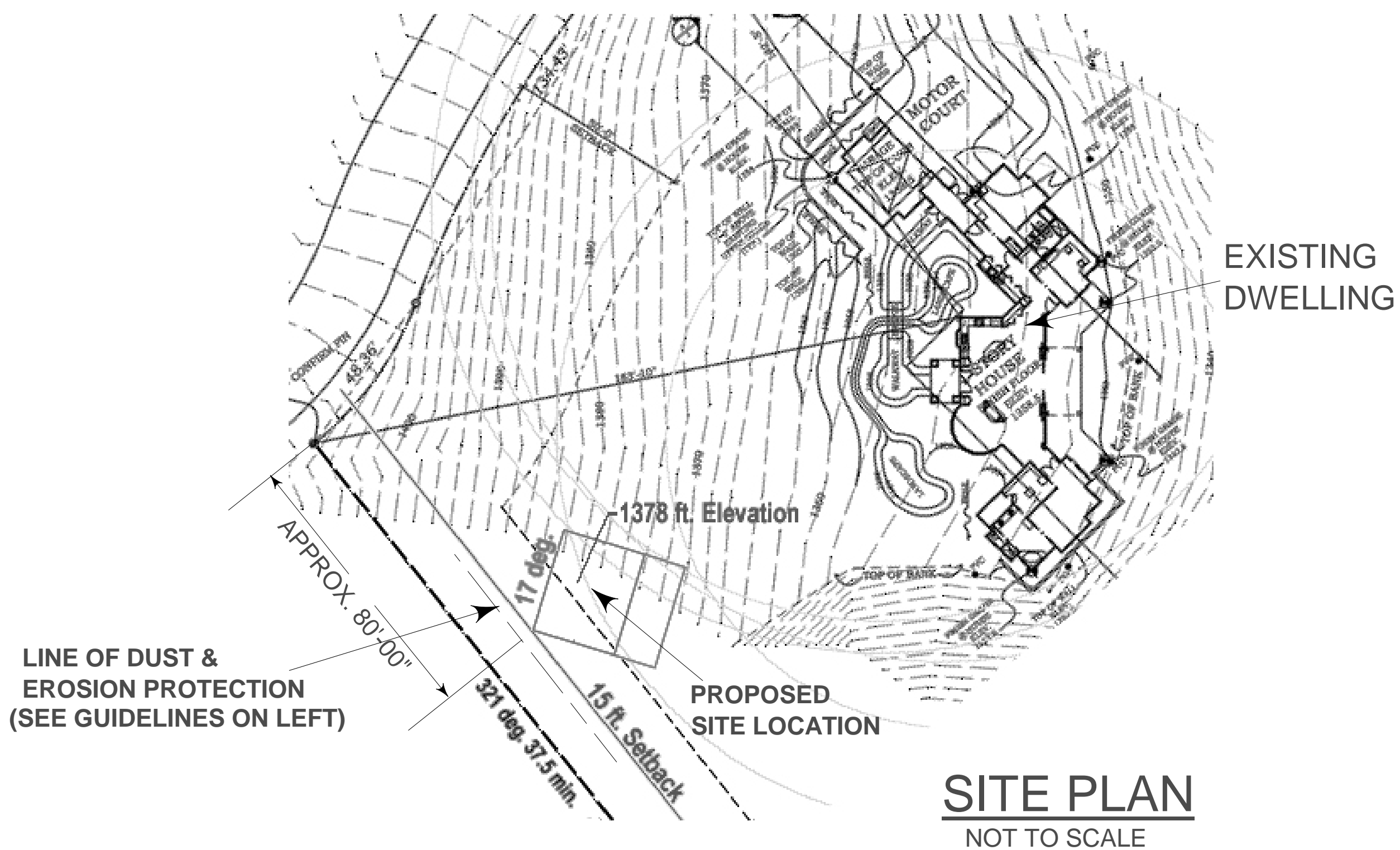
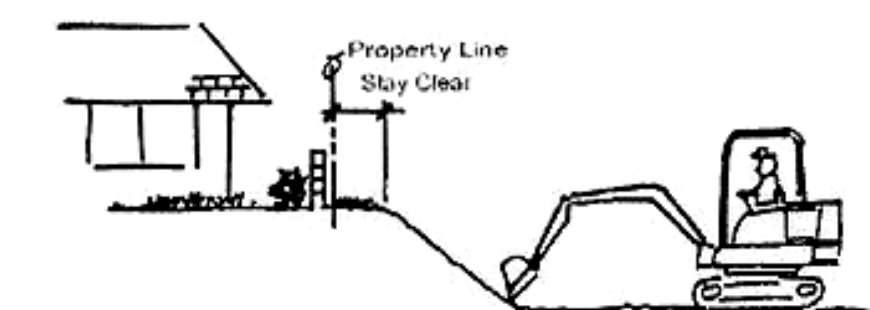


**RESPECT ADJOINING PROPERTIES**

The Grading Ordinance requires that the top or bottom of a cut or fill be kept a minimum distance from the adjoining property line according to the following schedule:

Height of Cut or Fill	Minimum Distance From Property Line
0 to 2 Feet	1 Foot
2+ to 4 Feet	2 Feet
4+ to 6 Feet	3 Feet
6+ to 10 Feet	4 Feet
10+ to 15 Feet	5 Feet

Cuts or fills may be made up to the property line if a properly permitted retaining wall will be constructed immediately to support the bank.



SITE PLAN  
NOT TO SCALE

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ERIC NEWMAN

MALUHIA MAUI HAWAII

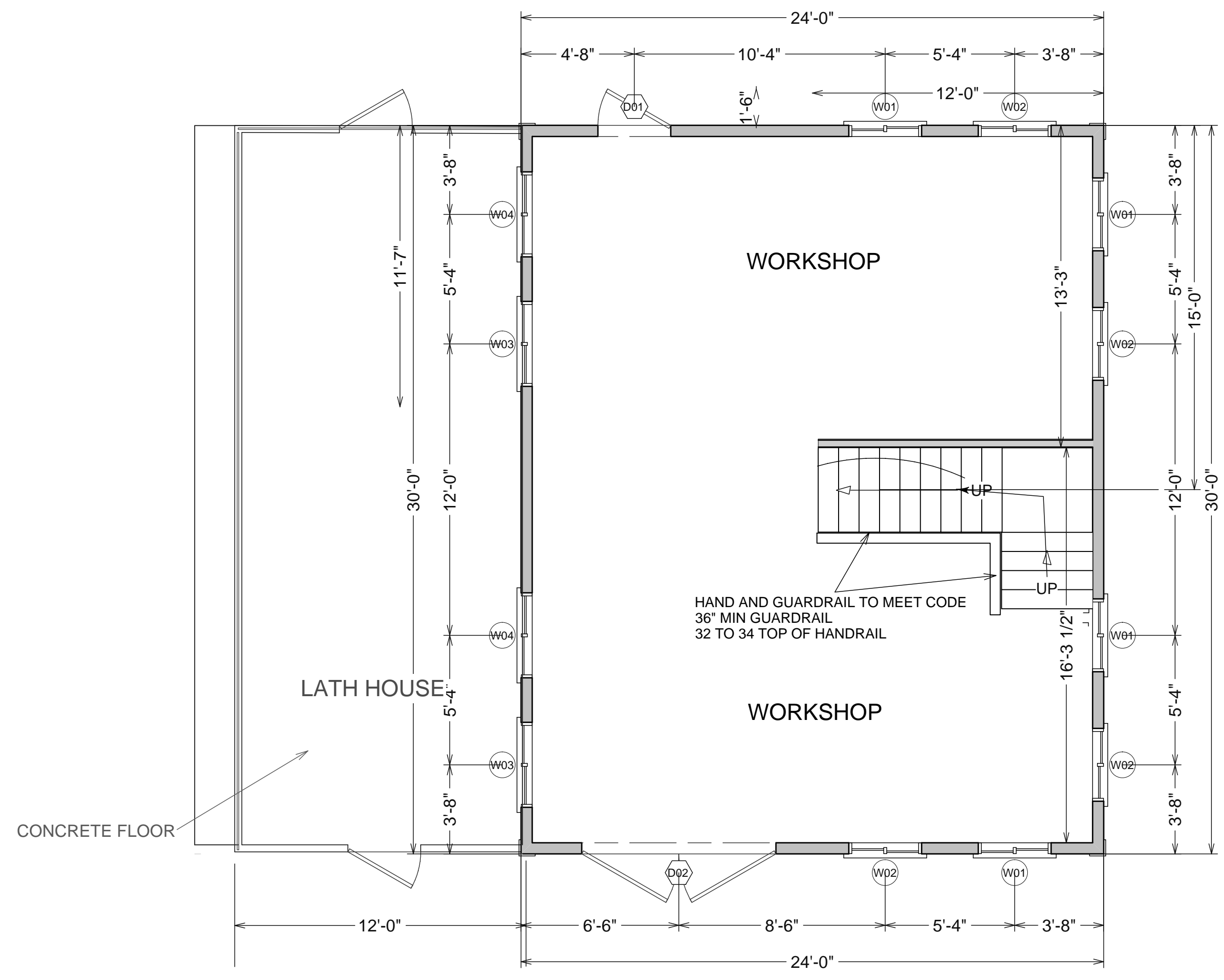
REVISION 1.2

DRAWING TITLE:  
SITE PLAN

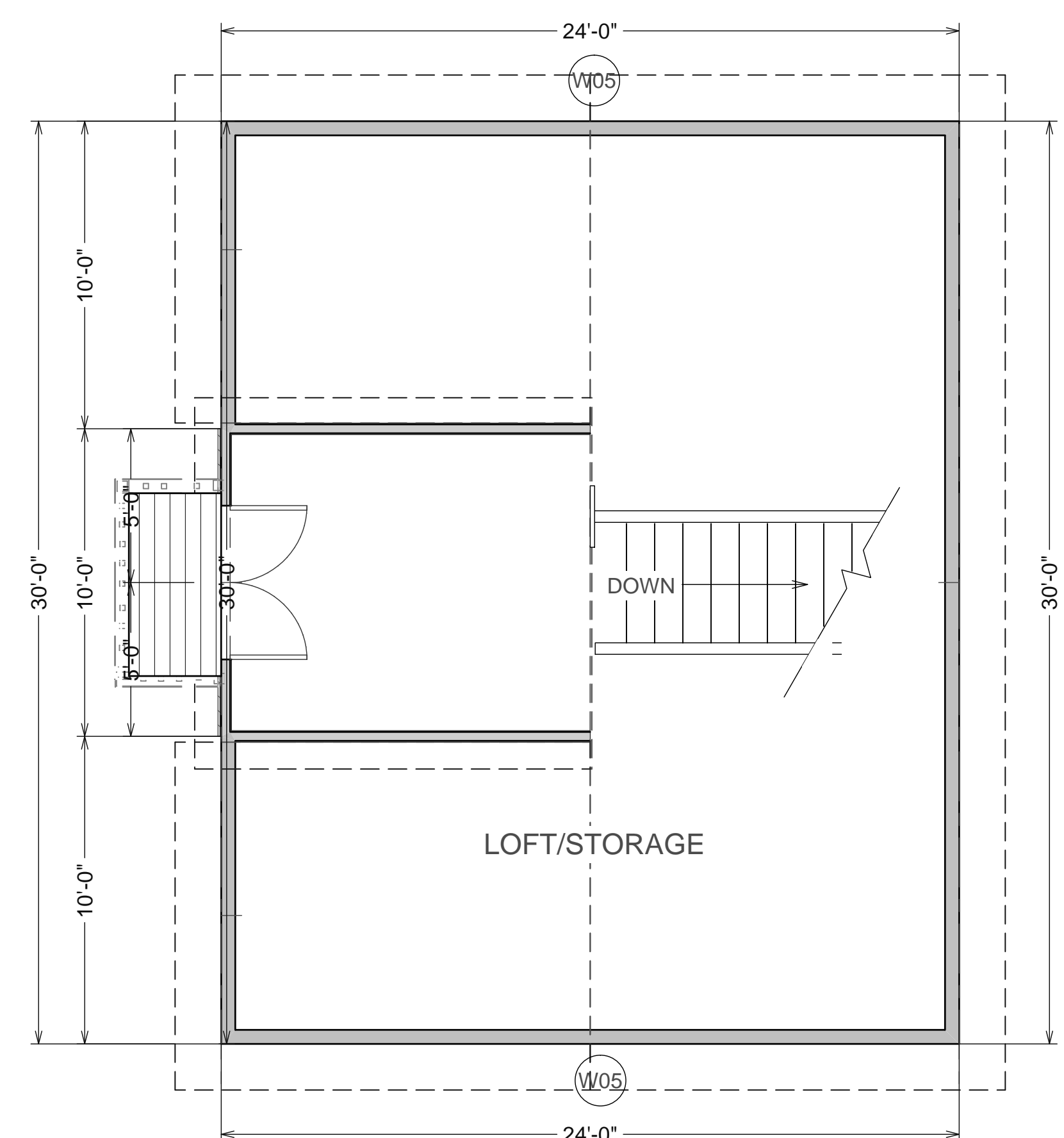
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DATE:  
04-12-2009

A1



**MAIN FLOOR WORKSHOP**  
SCALE 1/4" = 1'-0"

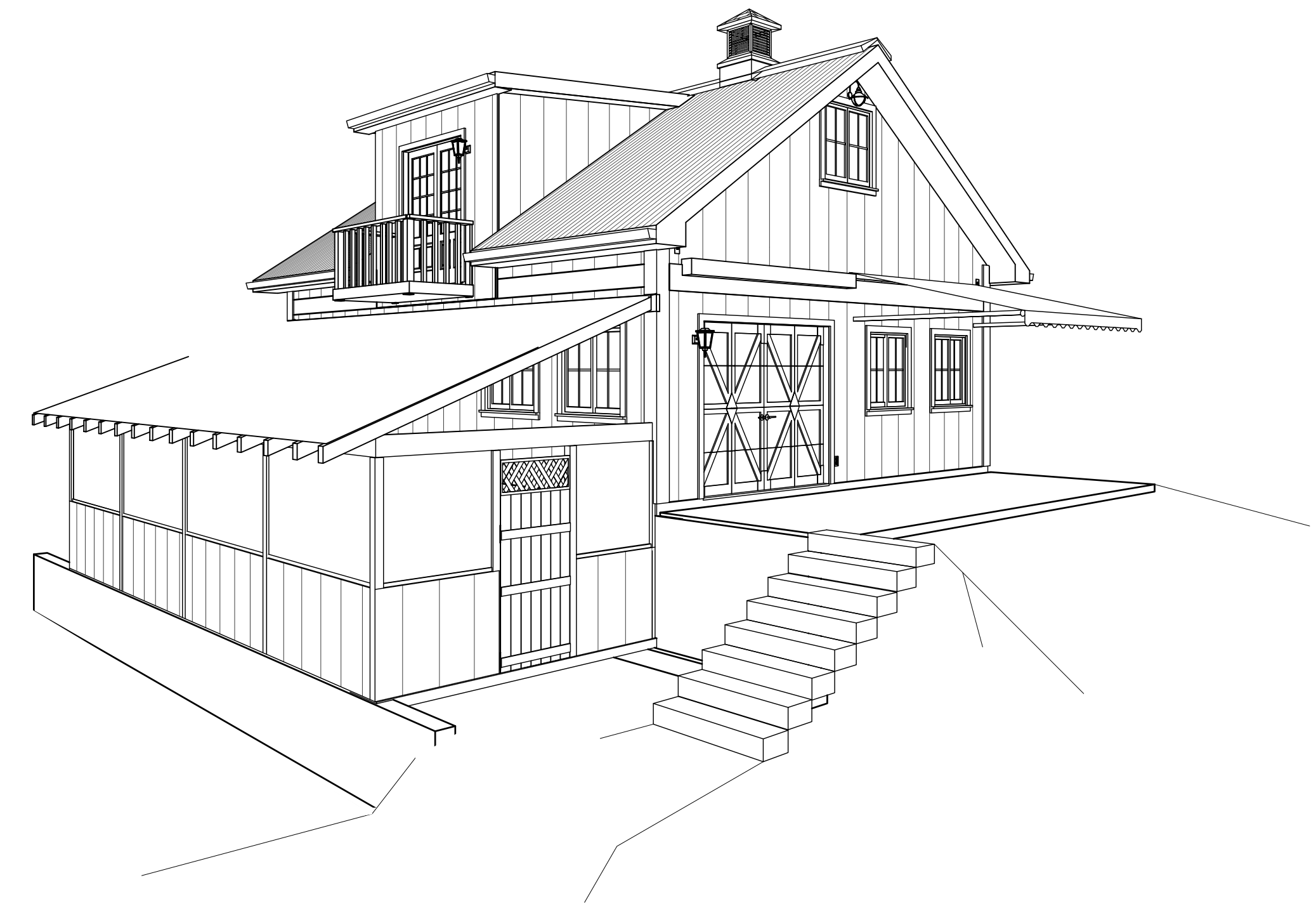


**LOFT LAYOUT**  
SCALE 1/4" = 1'-0"

PROJECT SIZES:  
LOFT/STORAGE.....719 SF  
MAIN WORKSHOP.....667 SF  
LATH HOUSE.....352 SF  
TOTAL COVERED AREA.....1738 SF

WINDOW SCHEDULE						
NUMBER	QTY	FLOOR	SIZE	DIMENSIONS	WIDTH	R/O
W01	4	1	3036LS	36"X42"LS	36"	37X43 1/2
W02	4	1	3036RS	36"X42"RS	36"	37X43 1/2
W03	2	1	3636LS	42"X42"LS	42"	43X43 1/2
W04	2	1	3636RS	42"X42"RS	42"	43X43 1/2
W05	2	3	3636DC	42"X42"DC	42"	43X43 1/2

DOOR SCHEDULE							
NUMBER	QTY	FLOOR	SIZE	DIMENSIONS	WIDTH	HEIGHT	DESCRIPTION
D01	1	1	30610 R EX	36"X82"X1 3/4" R EX	36"	82"	EXT. CHD 1
D02	1	1	80610 L EX	48"X82"X1 3/4" L EX	48"	82"	EXT. CHD 1
D03	1	2	5068 L/R EX	30"X80"X1 3/4" L/R EX	30"	80"	EXT. 12 LITE DOOR
D04	1	1	3070 R EX	36"X84"X1 3/4" R EX	36"	84"	EXT. LATTICE GATE
D05	1	1	3070 L EX	36"X84"X1 3/4" L EX	36"	84"	EXT. LATTICE GATE



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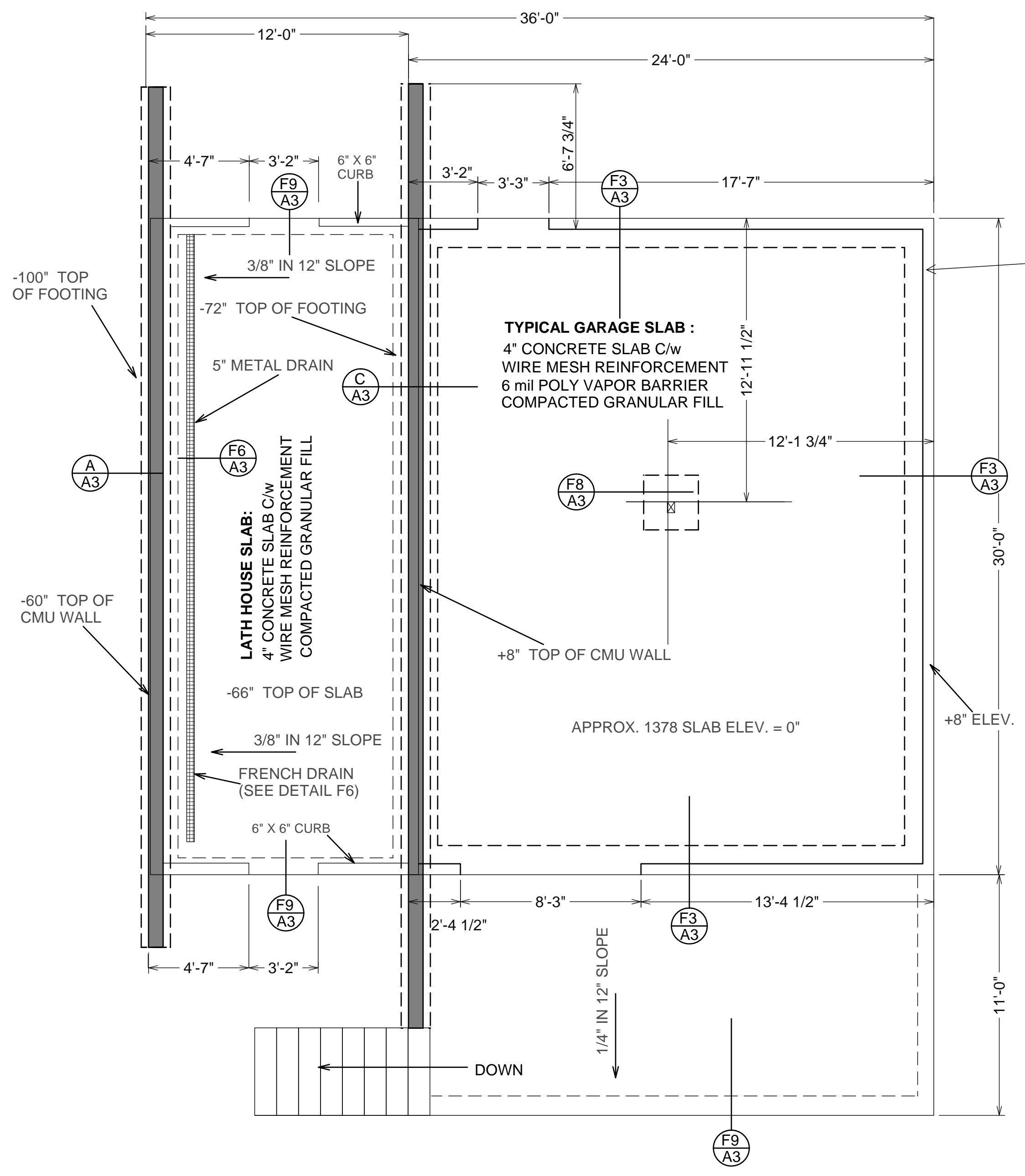
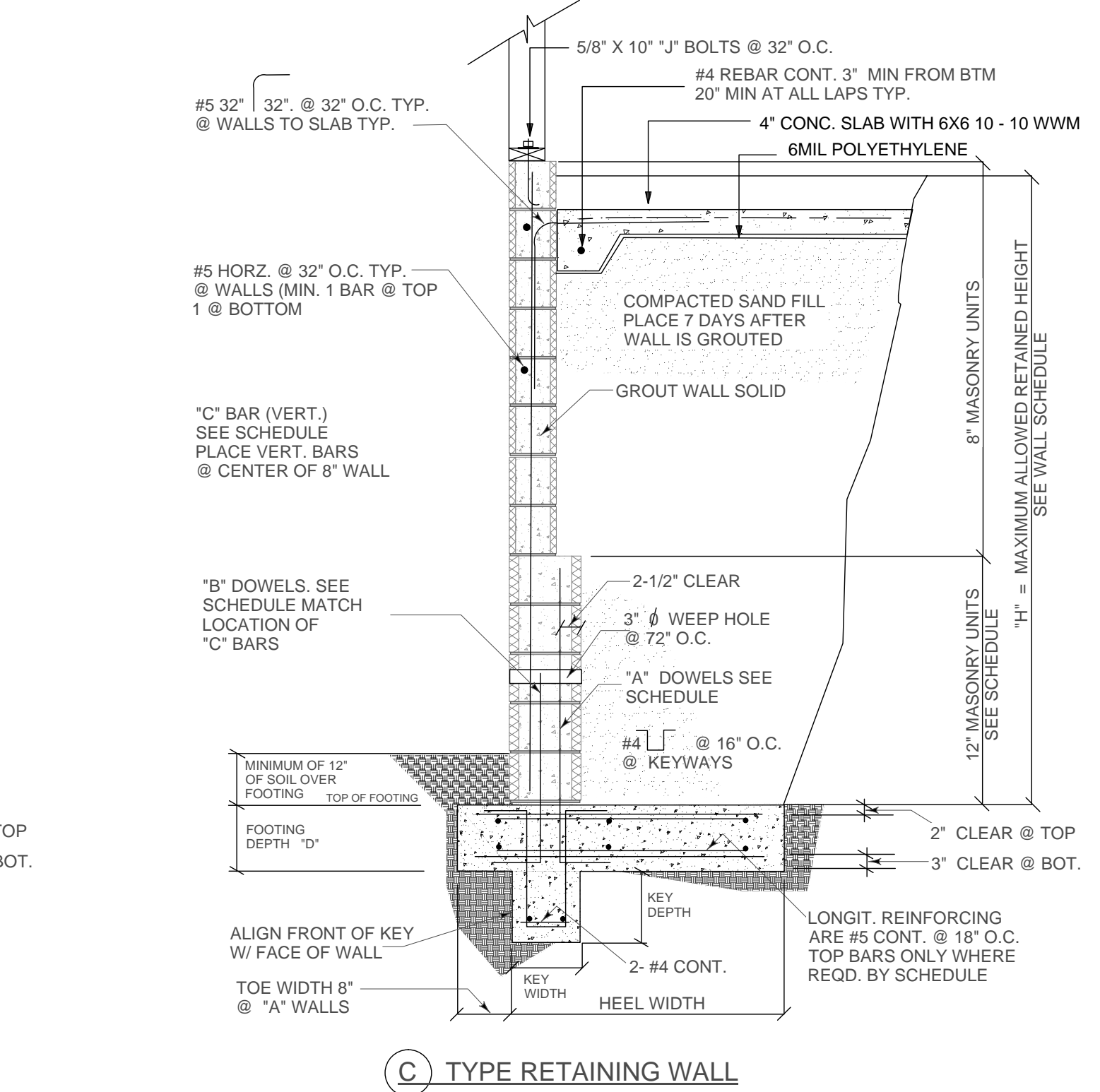
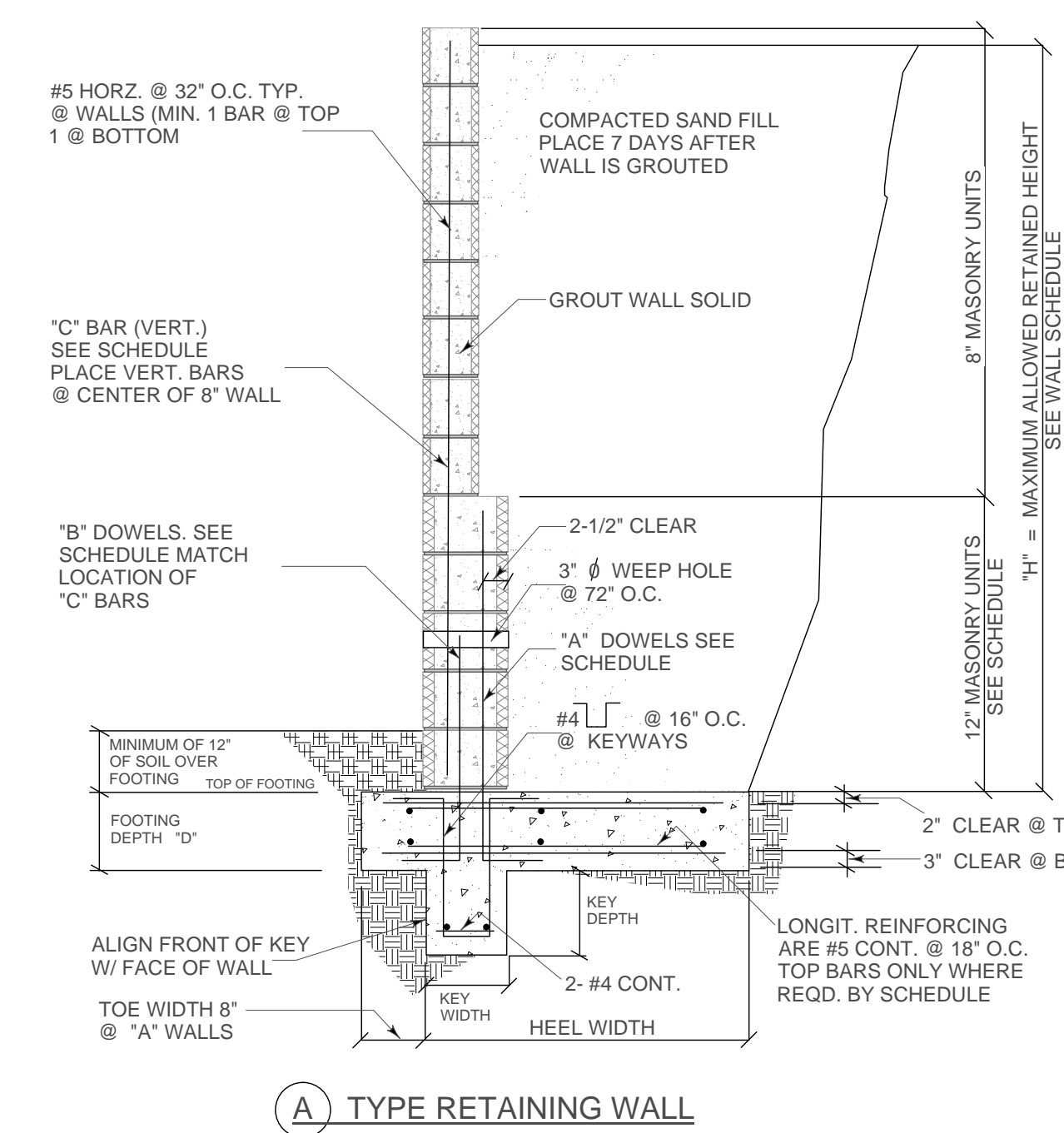
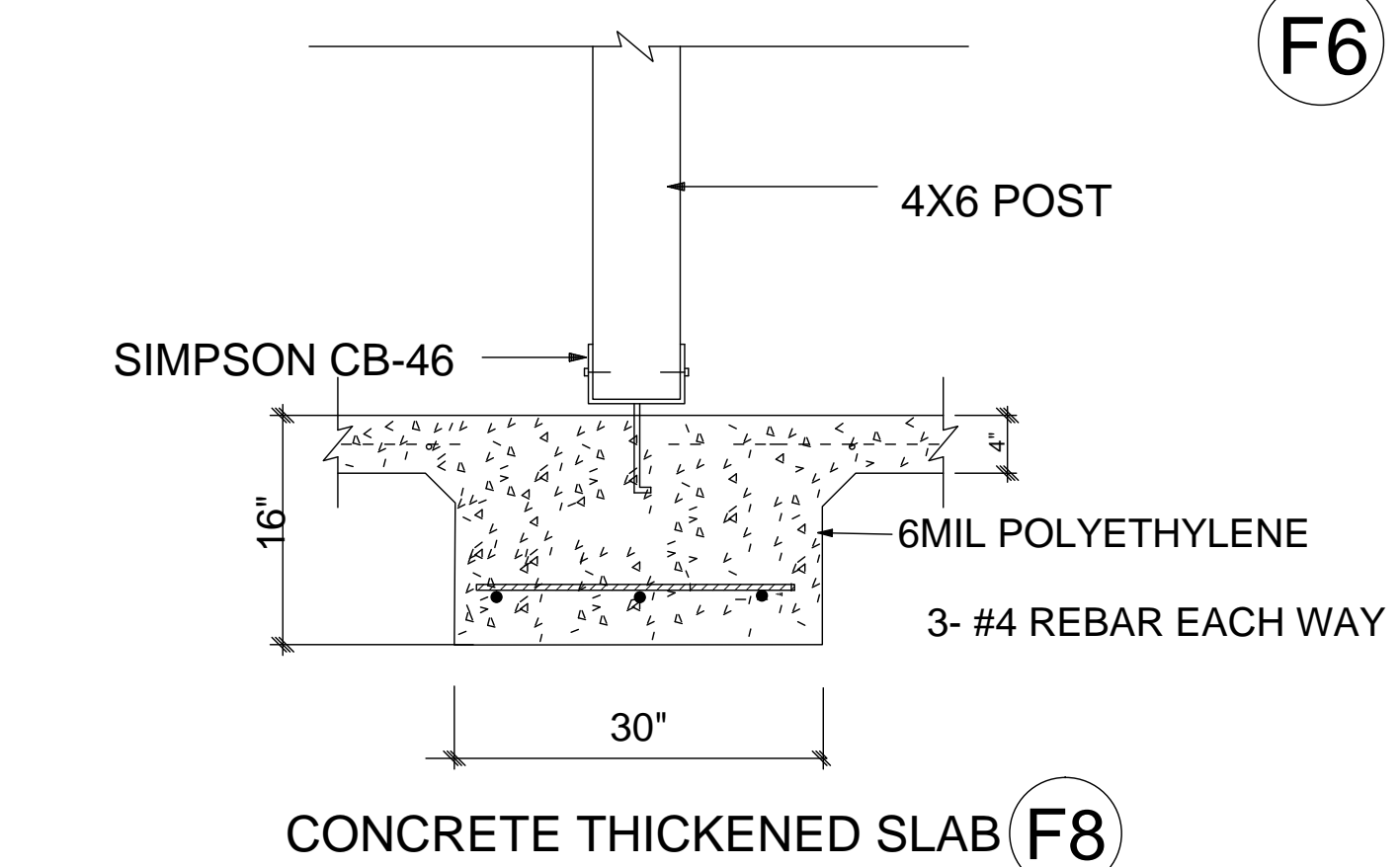
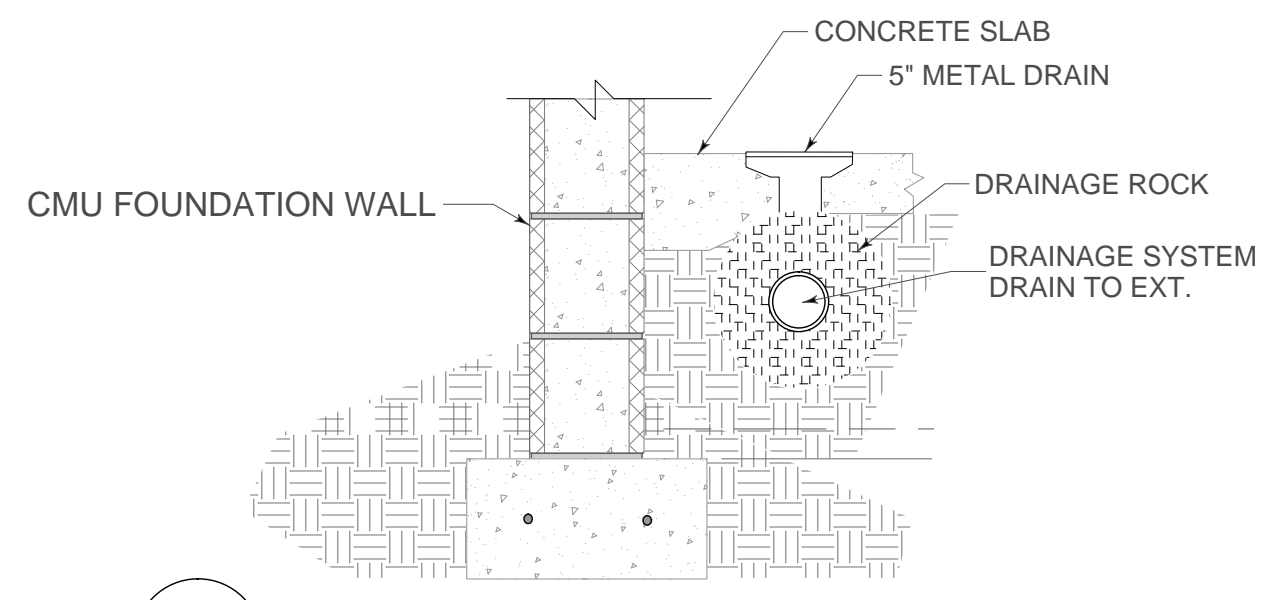
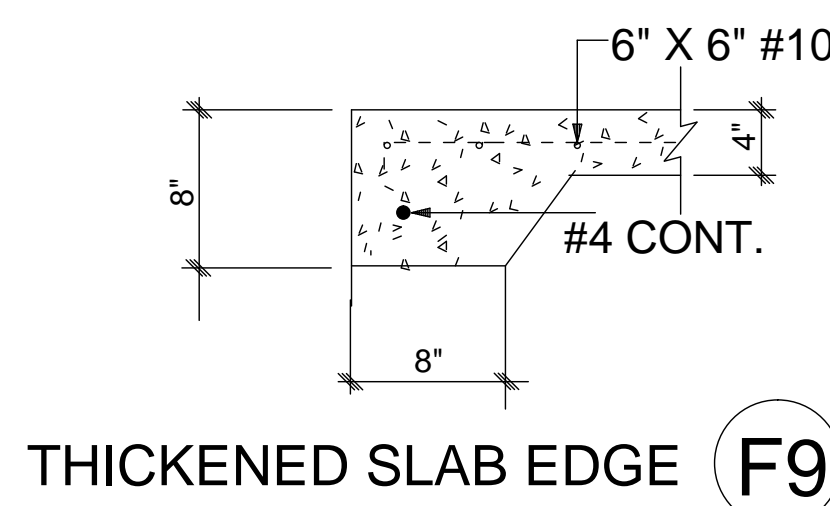
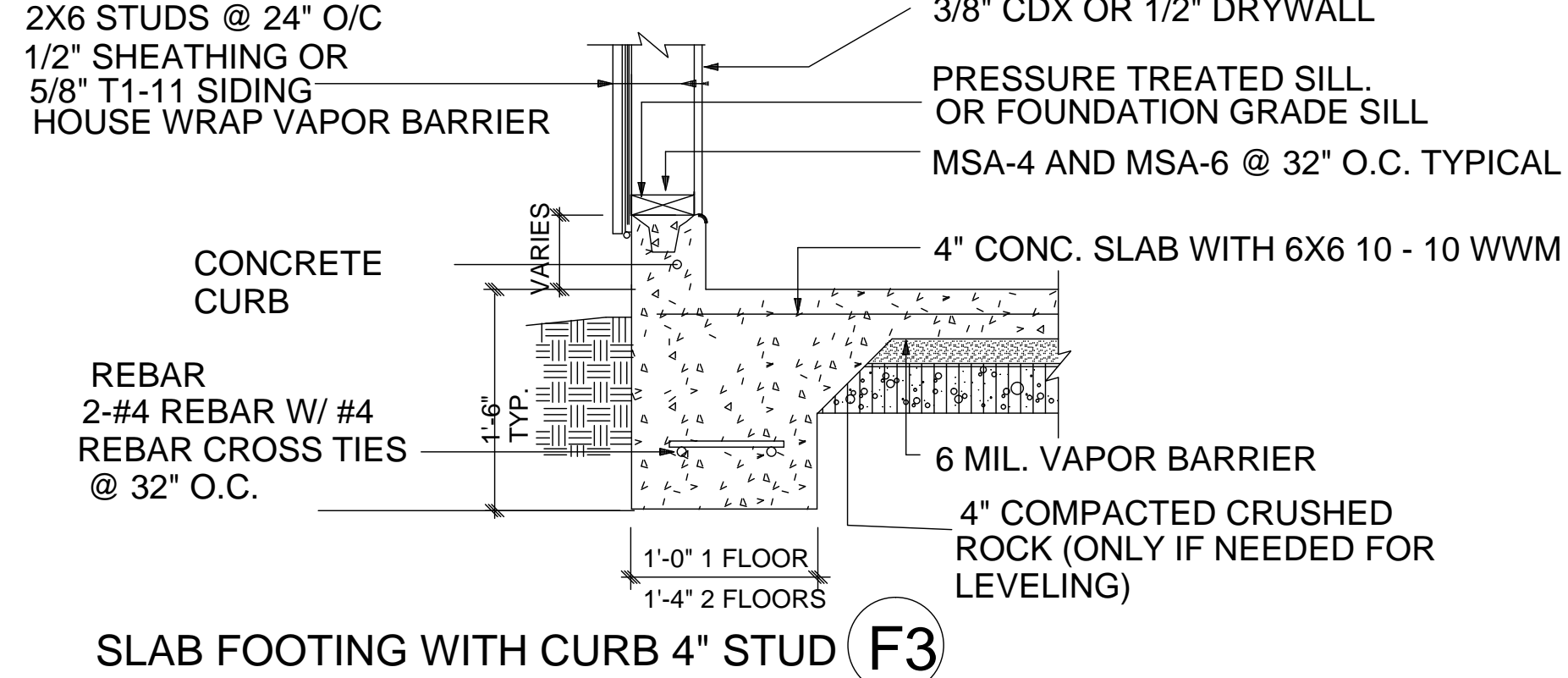
NEW BARN/WORKSHOP FOR:  
**ERIC NEWMAN**  
MALUHIA MAUI HAWAII

REVISION 1.2

DRAWING TITLE:  
**FLOOR PLAN**  
TMK:  
(2) 3-1-07:36  
DATE:  
04-12-2009

**A2**

**TYPICAL 2X6 EXTERIOR WALL:**



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

WALL MARK (SEE PLAN)	FOOTING REQUIREMENTS										WALL REQUIREMENTS				REMARKS
	MAX. "H" (RETAINED HEIGHT)	"D" DEPTH	TOE WIDTH	HEEL WIDTH	REINFG	KEY WAY (DEPTH/WIDTH)	NO COURSES (12" UNITS)	FOUNDATION DOWELS		VERT. BAR "C"	VERT. BAR "D"				
								"A"	"B"						
A-9	9'-0"	16"	5"	40"	#5 X 42" @ 16" o.c. TOP&BOT.	12" 12"	5 (40')	#6 X 50" @ 16" O.C.	#5 X 36" @ 16" O.C.	#5 X 36" @ 16" O.C.	#5 B 16" O.C. (LAP 24" TO DOWELS "B")	PLACE VERT. BARS 4" FROM INSIDE FACE			
A-7	7'-0"	12"	8"	32"	#5 X 34" @ 16" o.c. TOP&BOT.	8" 12"	4 (32')	#5 X 36" @ 16" O.C.	#5 X 36" @ 16" O.C.	#5 X 36" @ 16" O.C.	#4 B 16" O.C. (LAP 24" TO DOWELS "B")	PLACE VERT. BARS 4" FROM INSIDE FACE			
A-5	5'-0"	12"	8"	24"	#5 X 18" @ 16" o.c. TOP ONLY	KEY NOT REQ'D	NONE REQ'D	NONE REQ'D	#5 X 35" @ 16" O.C.	#5 X 35" @ 16" O.C.	#4 B 16" O.C. (LAP 24" TO DOWELS "B")				
A-4	4'-0"	12"	8"	15"	#5 X 18" @ 16" o.c. ROT ONLY	KEY NOT REQ'D	NONE REQ'D	NONE REQ'D	#5 X 35" @ 16" O.C.	#5 X 35" @ 16" O.C.	#4 B 16" O.C. (LAP 24" TO DOWELS "B")				
A-3	3'-0"	12"	8"	15"	#5 X 18" @ 16" o.c. ROT ONLY	KEY NOT REQ'D	NONE REQ'D	NONE REQ'D	#4 X 35" @ 16" O.C.	#4 X 35" @ 16" O.C.	#4 B 16" O.C. (LAP 24" TO DOWELS "B")				
B-10	10'-0"	16"	24"	24"	#5 X 42" @ 16" o.c. TOP&BOT.	KEY NOT REQ'D	FULL HT. OF WALL	#6 X 50" @ 16" O.C.	#5 X 36" @ 16" O.C.	#5 X 36" @ 16" O.C.	#5 B 16" O.C. (LAP 24" TO DOWELS "B")	PLACE VERT. BARS 4" FROM INSIDE FACE			
B-9	9'-0"	16"	24"	24"	#5 X 42" @ 16" o.c. TOP&BOT.	KEY NOT REQ'D	5 (50')	#5 X 50" @ 16" O.C.	#5 X 36" @ 16" O.C.	#5 X 36" @ 16" O.C.	#5 B 16" O.C. (LAP 24" TO DOWELS "B")	PLACE VERT. BARS 4" FROM INSIDE FACE			
B-7	7'-0"	12"	16"	24"	#5 X 34" @ 16" o.c. TOP&BOT.	KEY NOT REQ'D	4 (32')	#5 X 36" @ 16" O.C.	#5 X 36" @ 16" O.C.	#5 X 36" @ 16" O.C.	#4 B 16" O.C. (LAP 24" TO DOWELS "B")	PLACE VERT. BARS 4" FROM INSIDE FACE			
B-5	5'-0"	12"	12"	20"	#5 X 26" @ 16" o.c. TOP&BOT.	KEY NOT REQ'D	NONE REQ'D	NONE REQ'D	#5 X 35" @ 16" O.C.	#5 X 35" @ 16" O.C.	#4 B 16" O.C. (LAP 24" TO DOWELS "B")				
B-4	4'-0"	12"	8"	16"	#5 X 18" @ 16" o.c. ROT ONLY	KEY NOT REQ'D	NONE REQ'D	NONE REQ'D	#5 X 35" @ 16" O.C.	#5 X 35" @ 16" O.C.	#4 B 16" O.C. (LAP 24" TO DOWELS "B")				
B-3	3'-0"	12"	8"	16"	#5 X 18" @ 16" o.c. BOT. ONLY	KEY NOT REQ'D	NONE REQ'D	NONE REQ'D	#4 X 35" @ 16" O.C.	#4 X 35" @ 16" O.C.	#4 B 16" O.C. (LAP 24" TO DOWELS "B")				

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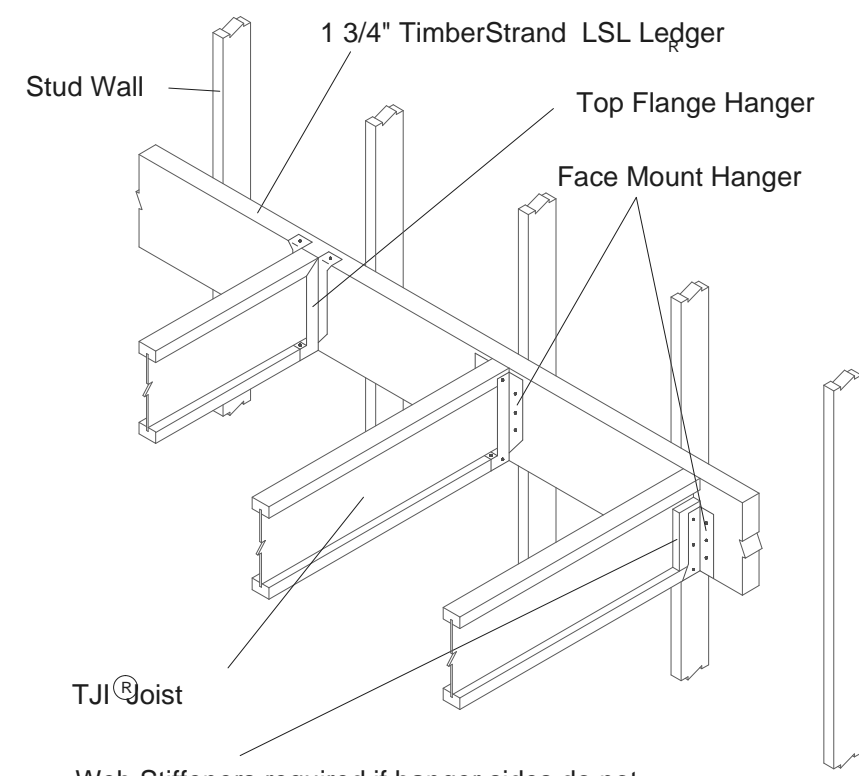
NEW BARN/WORKSHOP FOR:  
**ERIC NEWMAN**  
MALUHIA MAUI HAWAII

REVISION 1.2

DRAWING TITLE:  
**FOUNDATION**

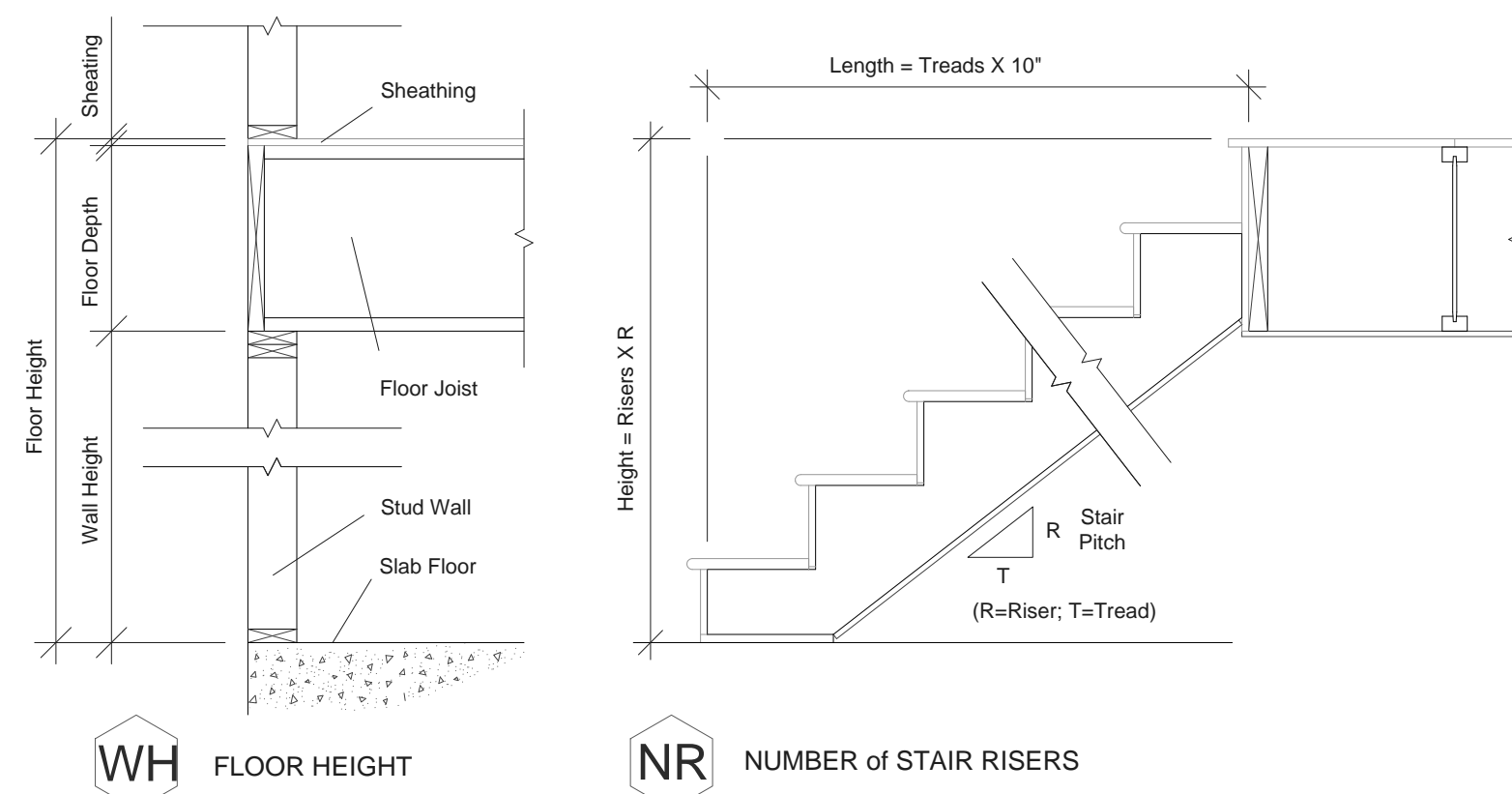
TMK:  
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04-12-2009

**A3**

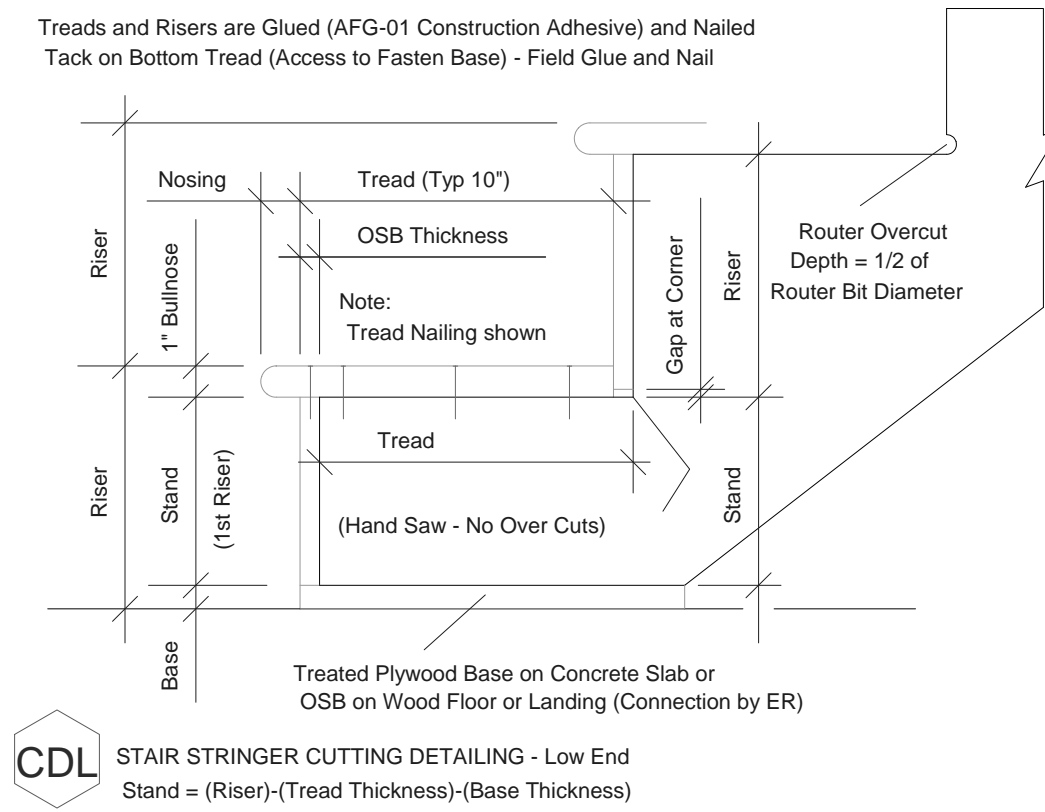


Web Stiffeners required if hanger sides do not laterally support at least 3/8" of the Top Flange

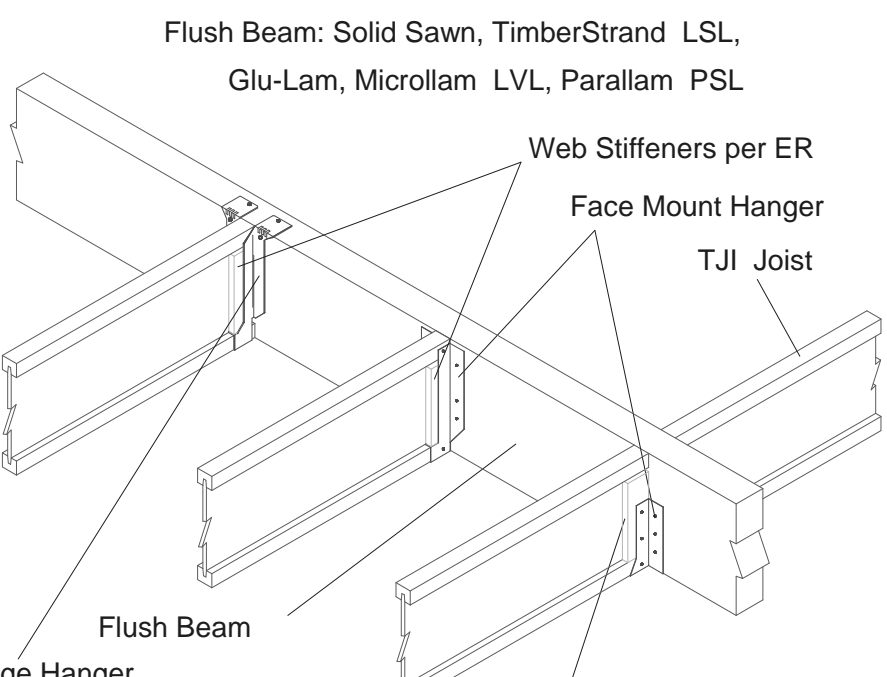
**H1.1** LEDGER  
(Ledger attachment per ER)



**WH** FLOOR HEIGHT  
**NR** NUMBER OF STAIR RISERS

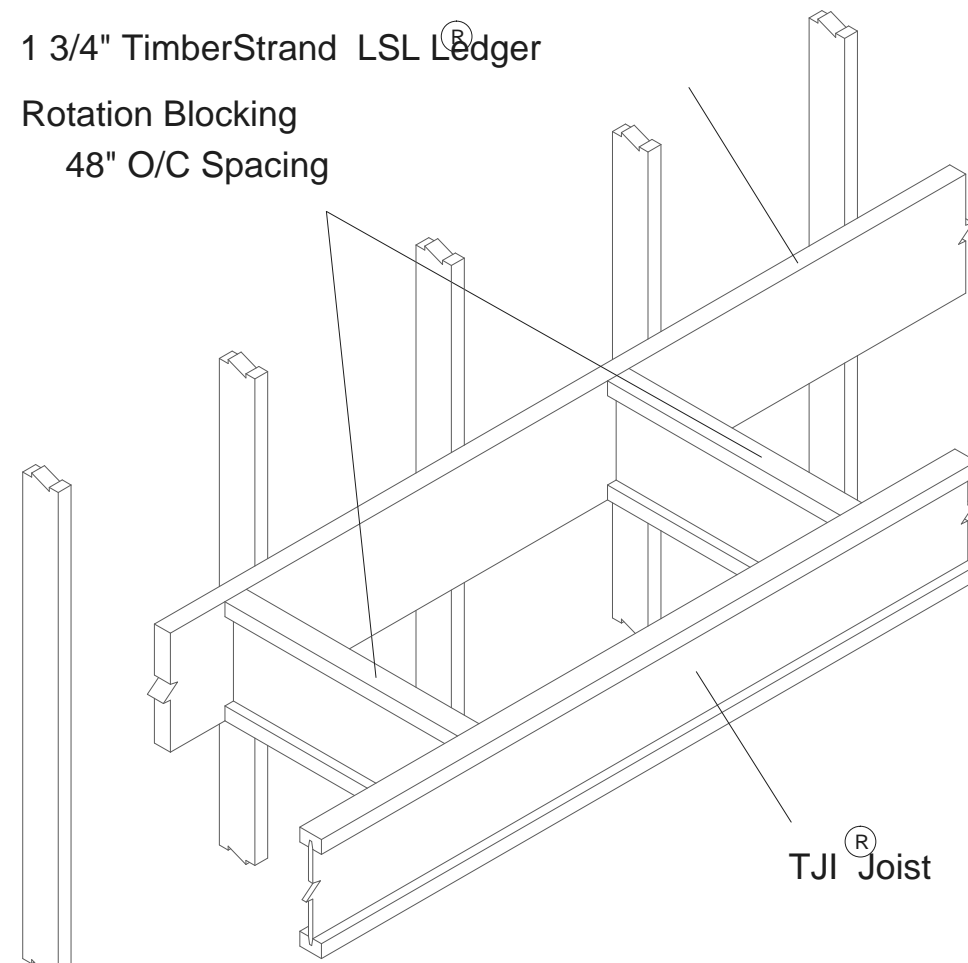


**CDL** STAIR STRINGER CUTTING DETAILING - Low End  
Stand = (Riser) - (Tread Thickness) - (Base Thickness)



Web Stiffeners required if hanger sides do not laterally support at least 3/8" of the Top Flange

**H1** FLUSH BEAM  
(Maximum Beam Uplift is 250 Lbs)



Toenail Block to Ledger with one 10d Nail into each side of joist flange; Back-Nail Joist

**RB2** LEDGER w/ Rotation Blocking  
(Ledger attachment per ER)

**WARNING**  
Joists are unstable until braced laterally.

**Bracing Includes:**

- Blocking
- Sheathing
- Stud Lines
- Hangers
- Rim Board
- Rim Joist

**DO NOT** walk on joists until braced. INJURY MAY RESULT.

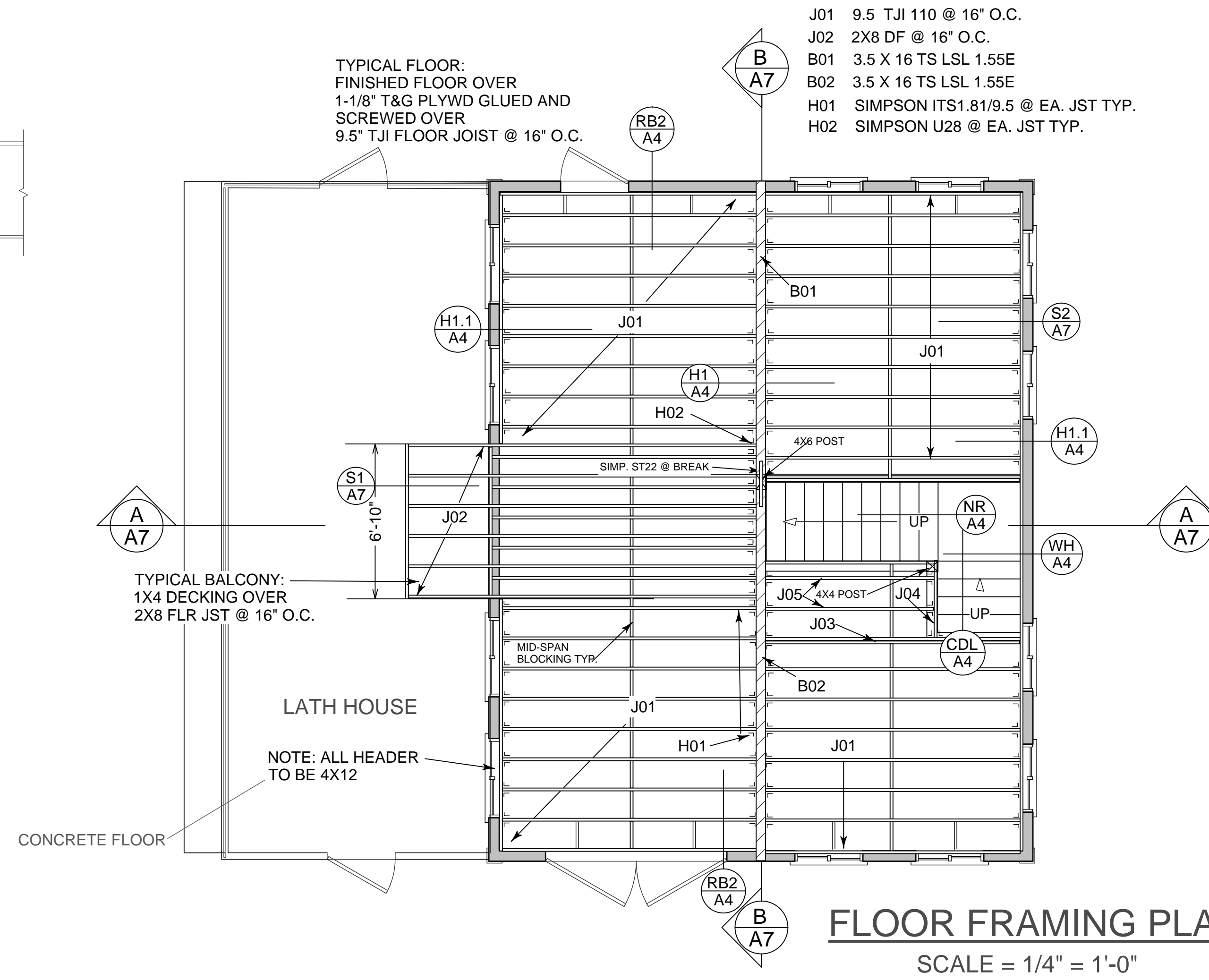
**DO NOT** walk on joists that are lying flat.

**DO NOT** stack building materials on unsheathed joists. Stack only over beams or walls.

**WARNING NOTES:**  
Lack of proper bracing during construction can result in serious accidents. Observe the following guidelines:

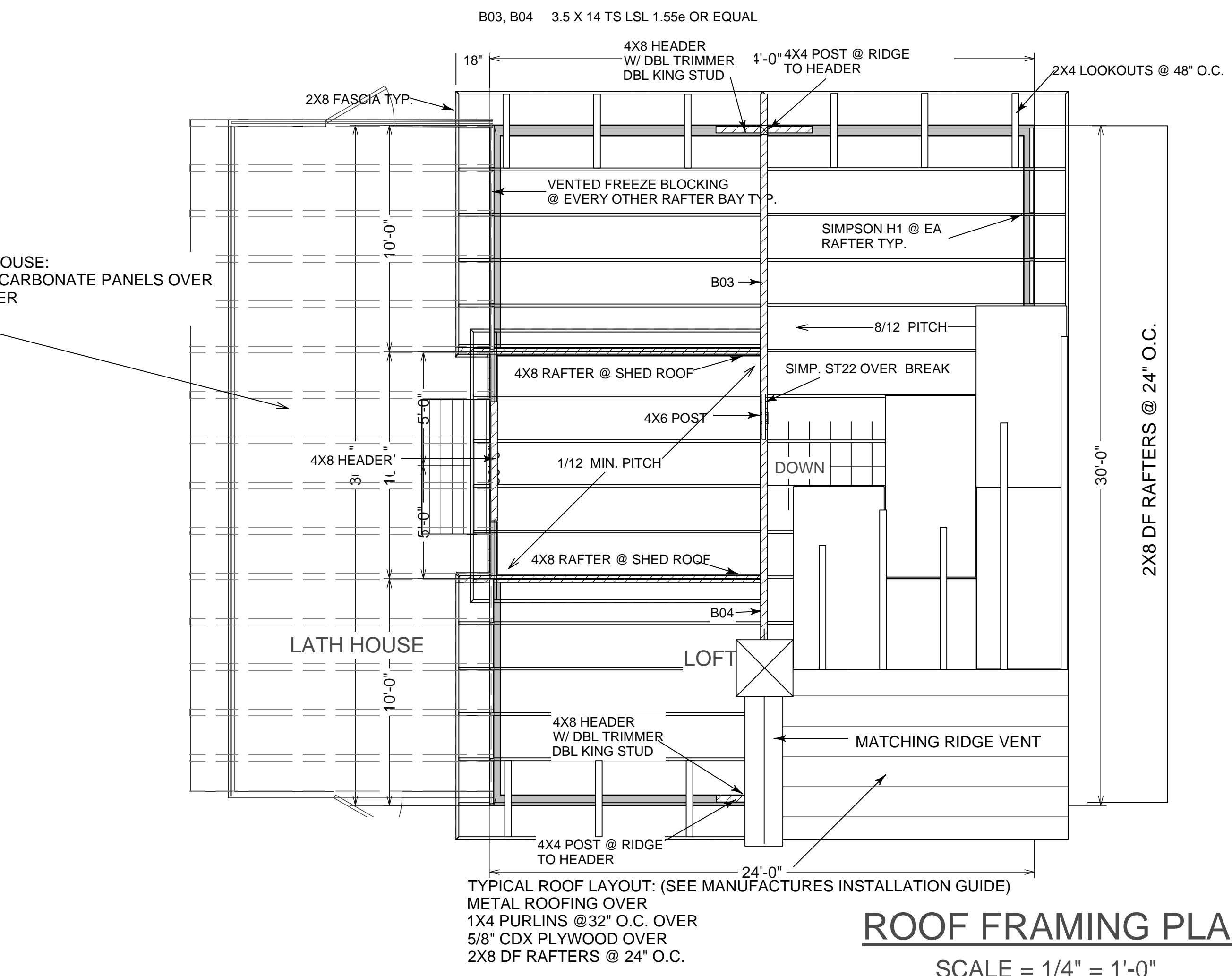
1. All blocking, hangers, rim boards and rim joists at the end supports of the TJI joists must be completely installed and properly nailed.
2. Establish a permanent deck (sheathing), nailed to the first 4 feet of joists at the end of the bay or braced end wall.
3. Safety bracing of 1x4 (minimum) must be nailed to a braced end wall or sheathed area and to each joist.
4. Sheathing must be properly nailed to each TJI joist before additional loads can be placed on the system.
5. Ends of cantilevers require safety bracing on both the top and bottom flanges.
6. TJI joist flanges must remain straight within 1/2" from true alignment.

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- J01 9.5 TJI 110 @ 16" O.C.
- J02 2X8 DF @ 16" O.C.
- B01 3.5 X 16 TS LSL 1.55E
- B02 3.5 X 16 TS LSL 1.55E
- H01 SIMPSON ITS1.81/9.5 @ EA. JST TYP.
- H02 SIMPSON U28 @ EA. JST TYP.

**FLOOR FRAMING PLAN**  
SCALE = 1/4" = 1'-0"



**TYPICAL ROOF LAYOUT: (SEE MANUFACTURERS INSTALLATION GUIDE)**  
METAL ROOFING OVER  
1X4 PURLINS @ 32" O.C. OVER  
5/8" CDX PLYWOOD OVER  
2X8 DF RAFTERS @ 24" O.C.

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

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NEW BARN/WORKSHOP FOR:

**ERIC NEWMAN**

MALUHIA MAUI HAWAII

REVISION 1.2

DRAWING TITLE:  
**ROOF AND JOIST PLAN**

TMK:  
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04-12-2009

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NEW BARN/WORKSHOP FOR:

**ERIC NEWMAN**

MALUHIA MAUI HAWAII

REVISION 1.2

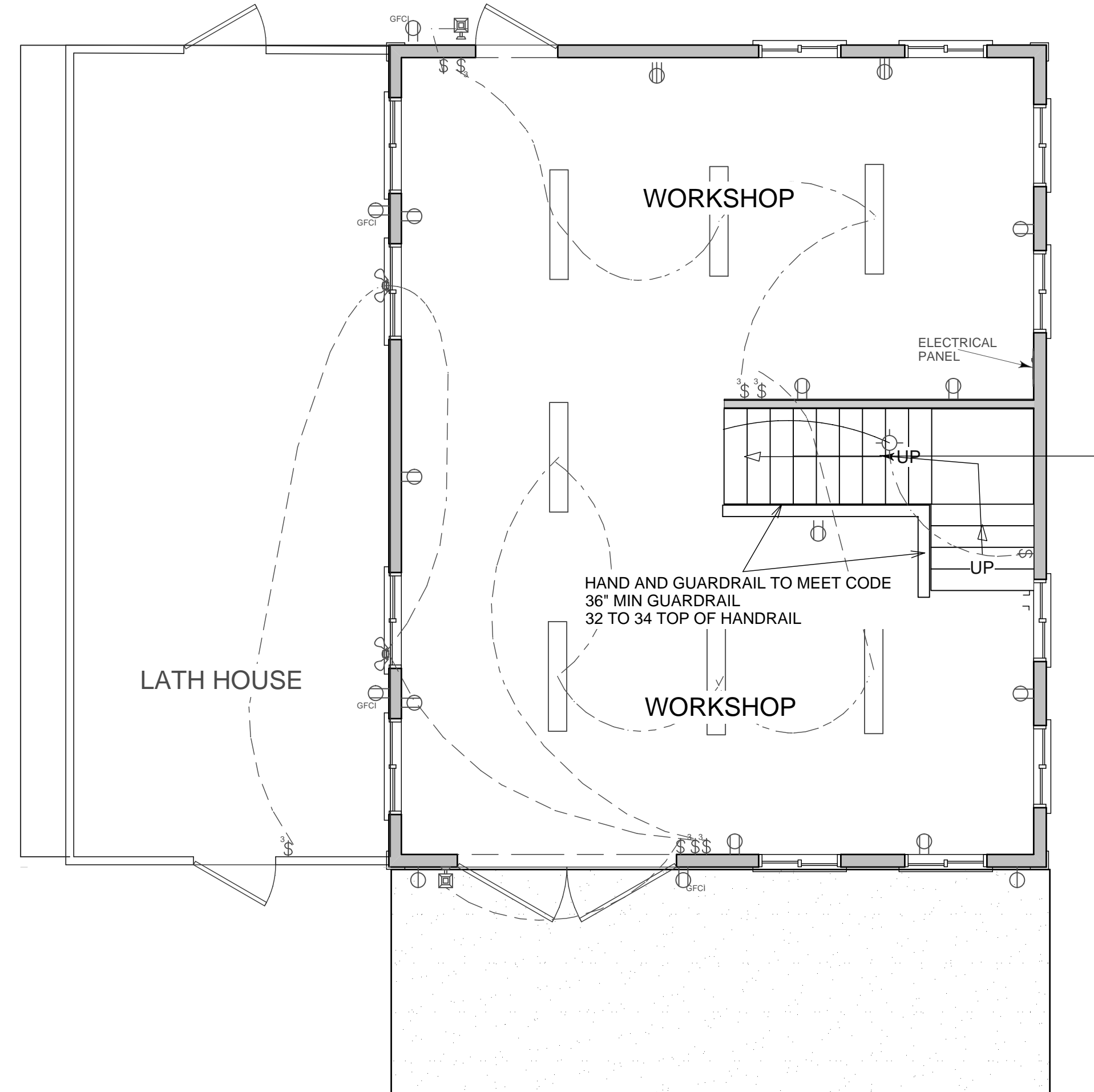
DRAWING TITLE:  
**ELECTRICAL PLAN**

TMK:  
 (2) 3-1-07:36

DATE:  
 04-12-2009

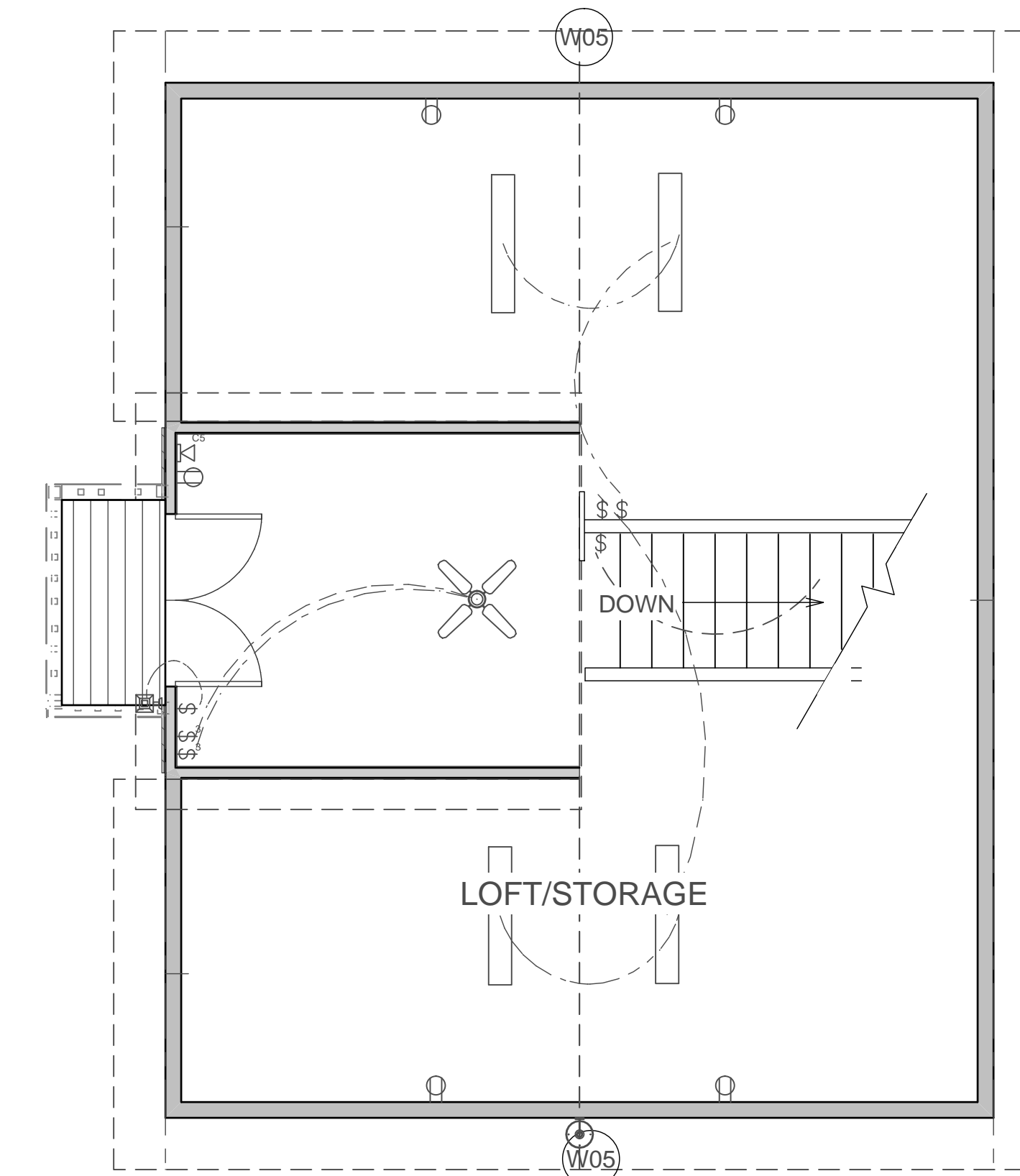
**A5**

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	METER SOCKET
	PANEL BOX
	CEILING FAN W/ LIGHT
	FLUORESCENT LIGHT FIXTURE
	110V CEILING LIGHT FIXTURE
	110V RECESSED LIGHT FIXTURE
	110V EAVE LIGHT FIXTURE
	110V CHANDELIER LIGHT FIXTURE
	110V WALL LIGHT FIXTURE
	SINGLE POLE SWITCH
	THREE WAY SWITCH
	FOUR WAY SWITCH
	DIMMER SWITCH
	OUTDOOR SWITCH
	110V SINGLE RECEPTACLE
	110V DUPLICATION RECEPTACLE
	110V DUPLICATION RECEPTACLE GROUND FAULT INTERRUPTED
	110V DUPLICATION RECEPTACLE W/ WEATHERPROOF COVER
	110V FLOOR MOUNTED DUPLICATION RECEPTACLE
	240V RECEPTACLE
	TELEPHONE JACKS
	TELEVISION JACKS
	DOOR BELL PUSH BUTTON
	THERMOSTAT
	SMOKE DETECTOR
	EXHAUST FAN
	DOOR CHIME
	FIRE ALARM PANEL
	CAT 5/ INTERNET CONNECTION



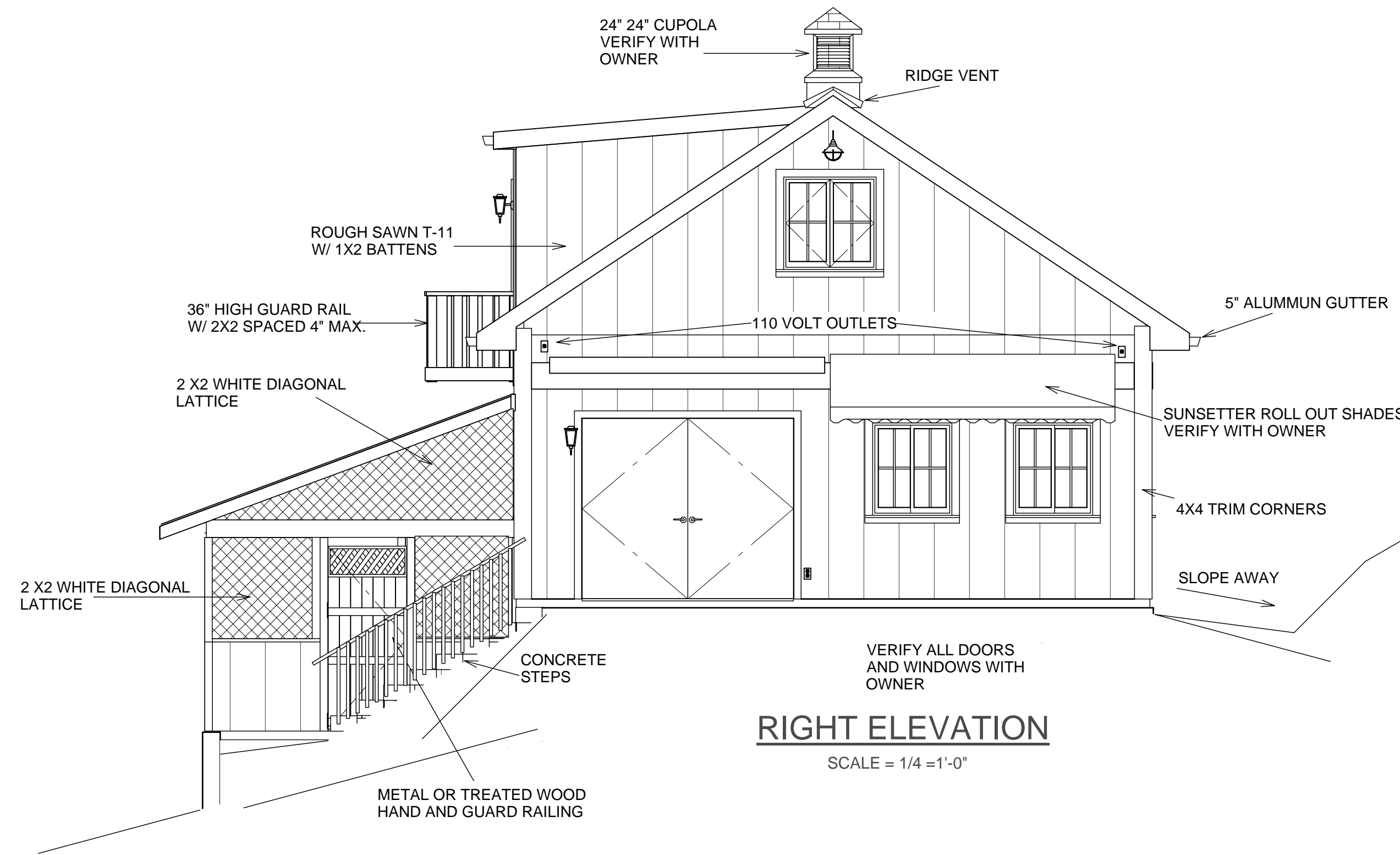
**FIRST FLOOR ELECTRICAL**

SCALE 1/4" = 1'-0"

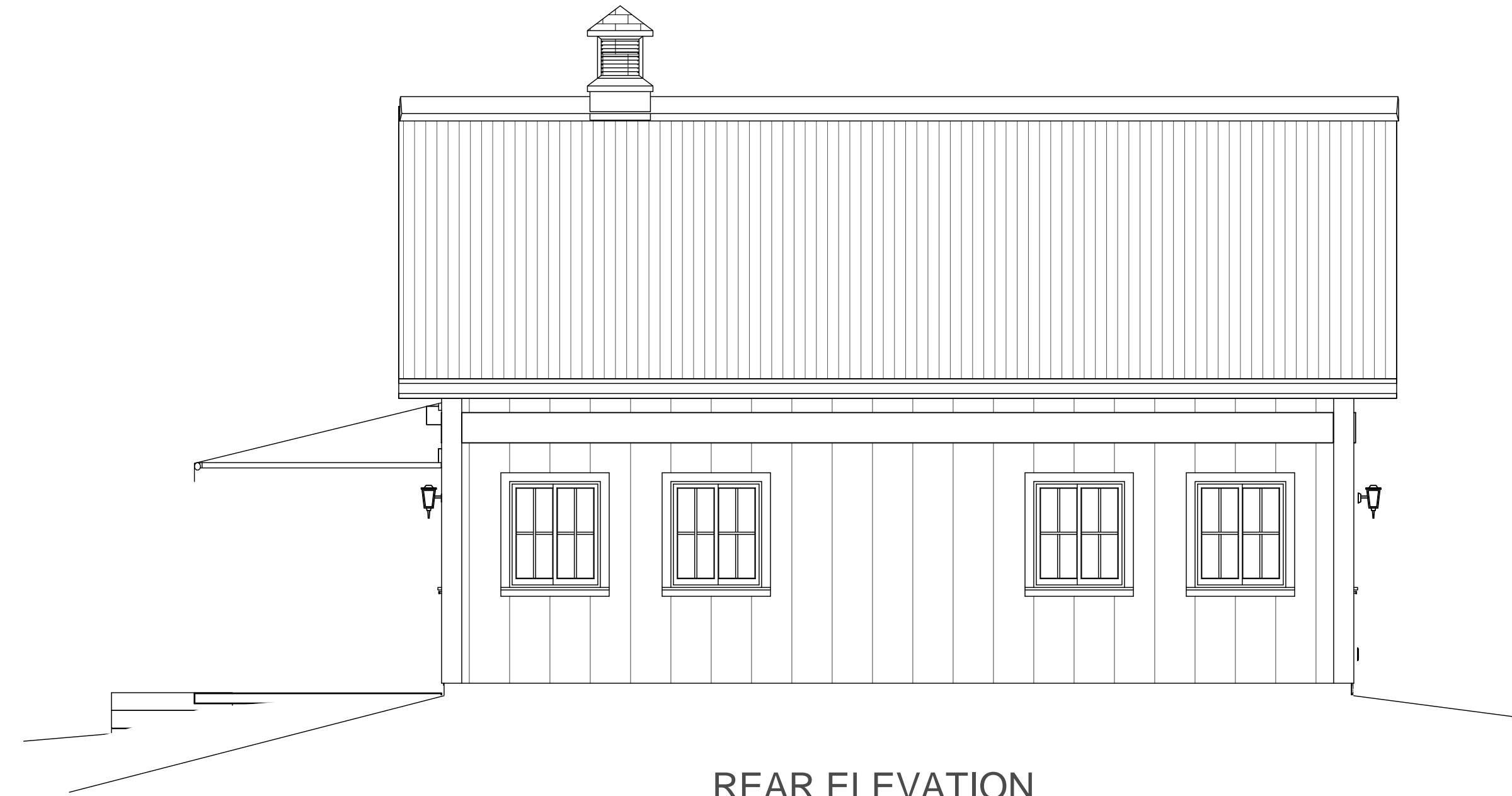


**LOFT FLOOR ELECTRICAL**

SCALE 1/4" = 1'-0"



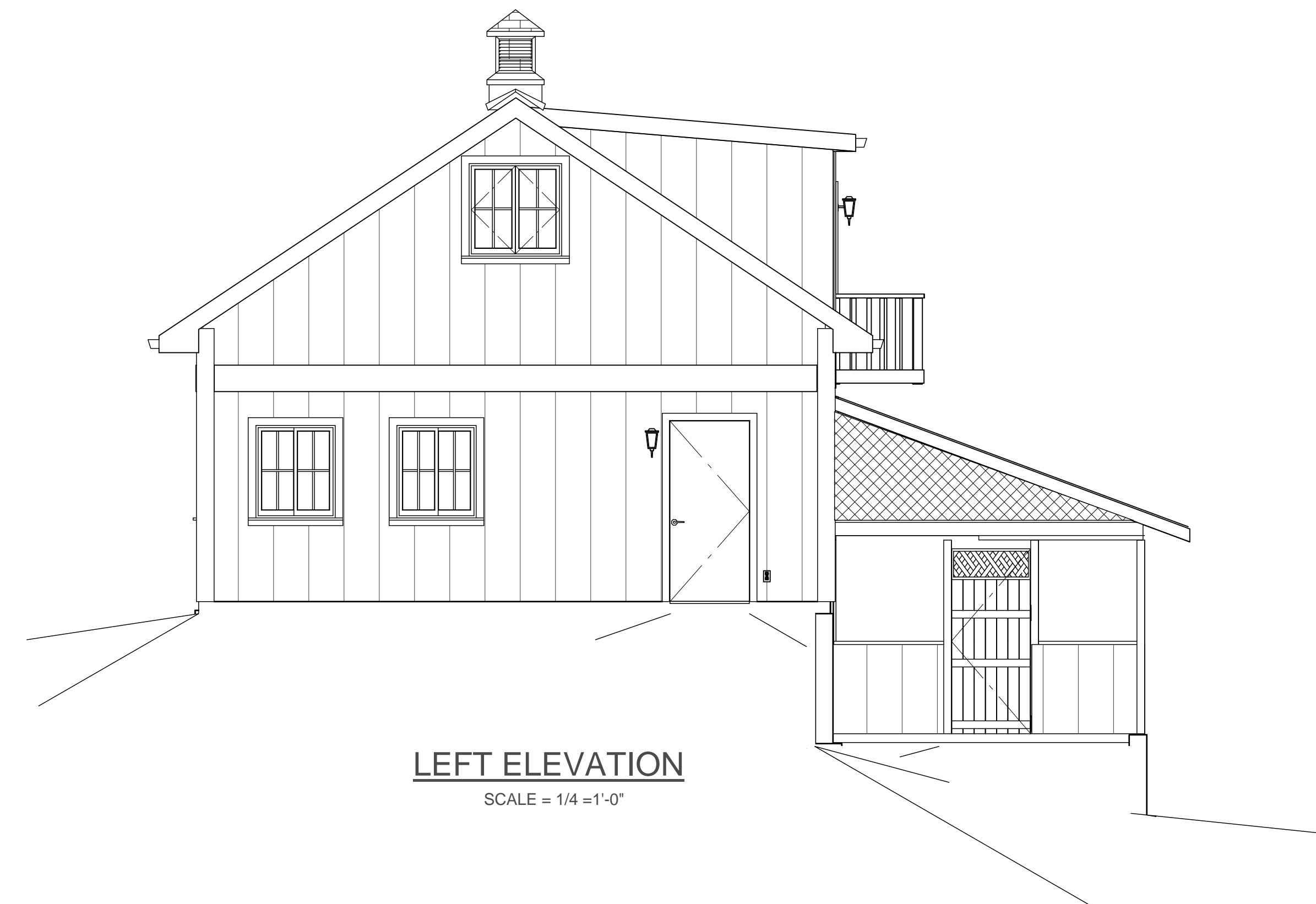
**RIGHT ELEVATION**  
SCALE = 1/4" = 1'-0"



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



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



**LEFT ELEVATION**  
SCALE = 1/4" = 1'-0"

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NEW BARN/WORKSHOP FOR:

**ERIC NEWMAN**

MALUHIA MAUI HAWAII

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DRAWING TITLE:  
**ELEVATION PLAN**

TMK:  
(2) 3-1-07:36

DATE:  
04-12-2009

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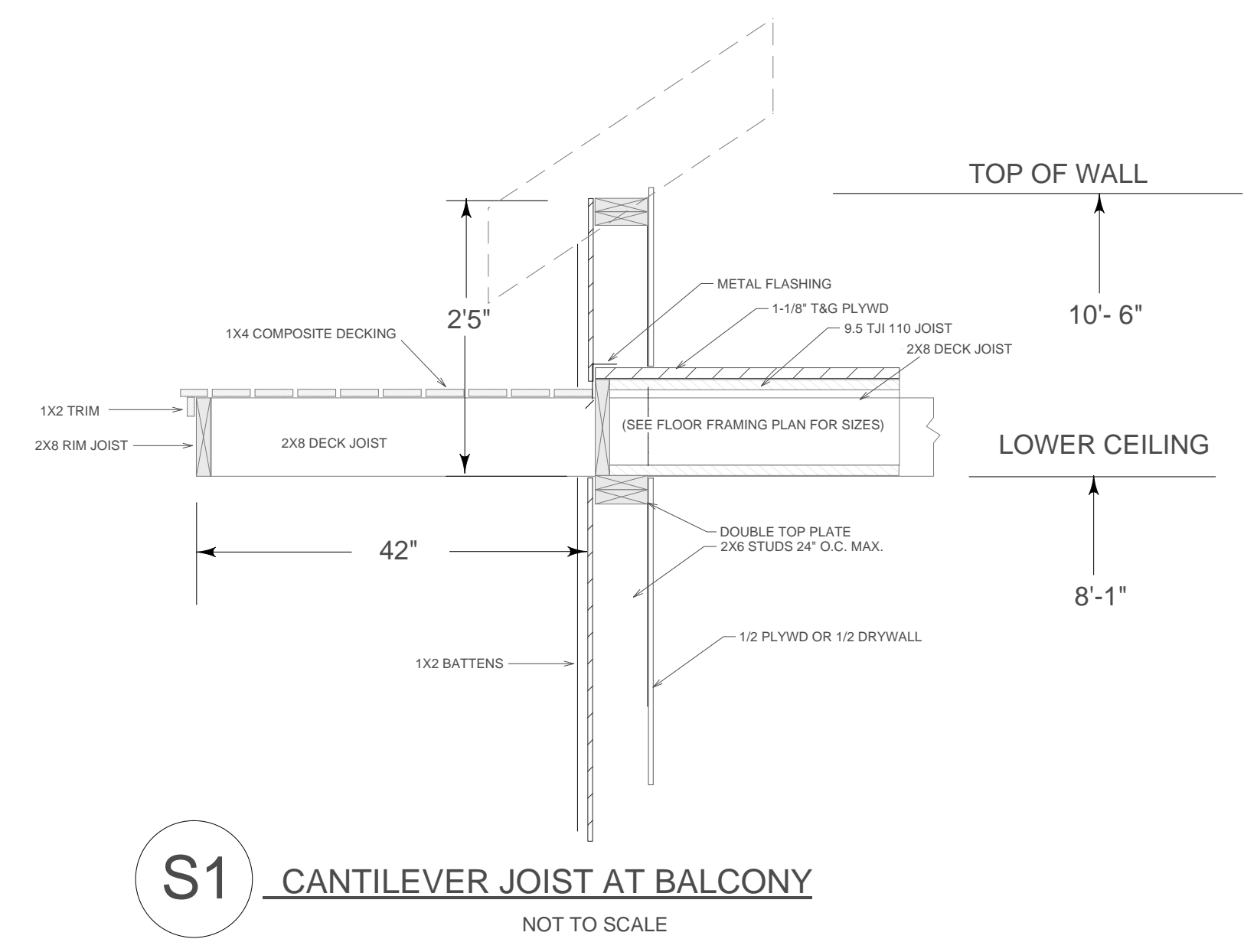
REVISION 1.2

DRAWING TITLE:  
**CROSS SECTIONS**

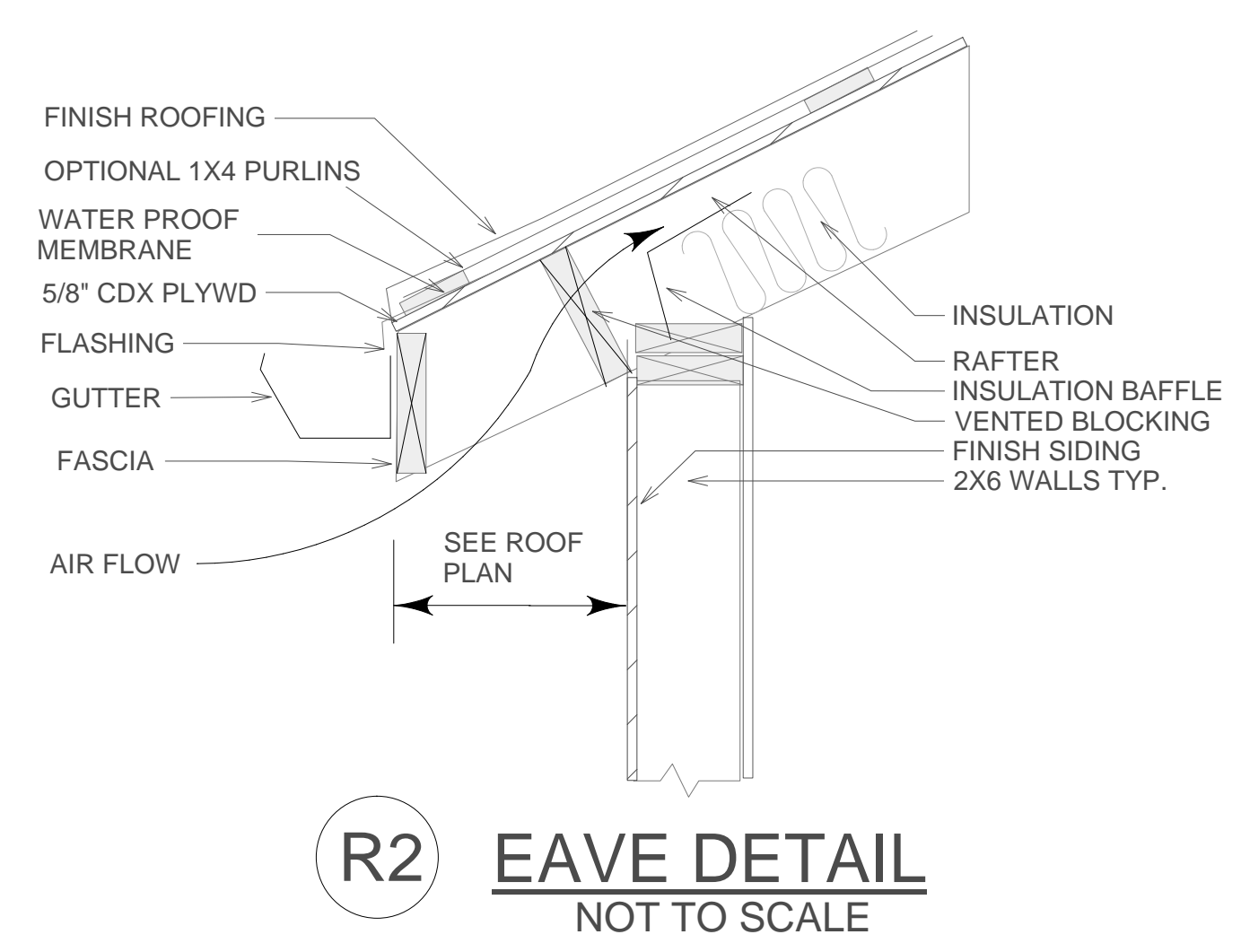
TMK:  
 (2) 3-1-07:36

DATE:  
 04-12-2009

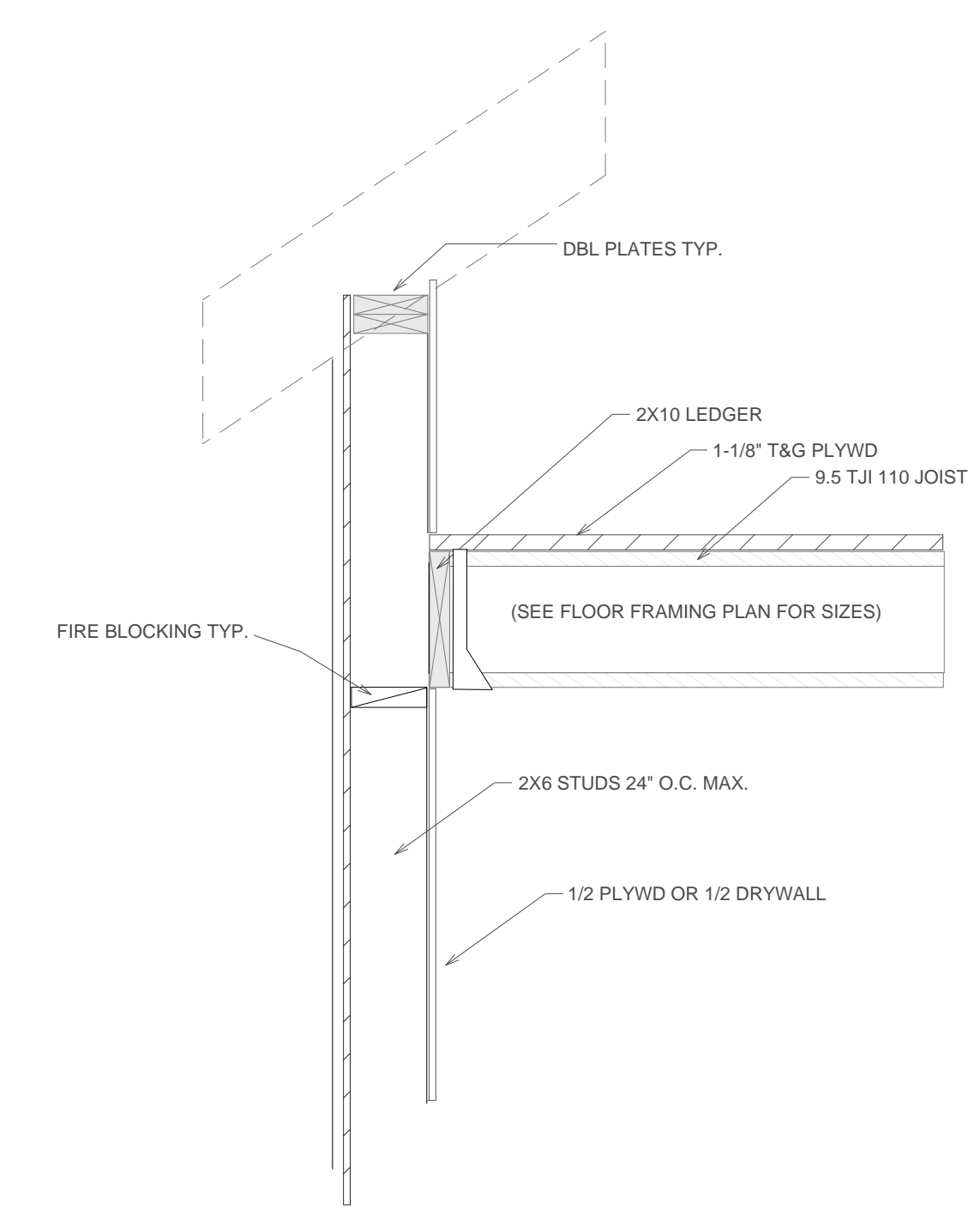
**A7**



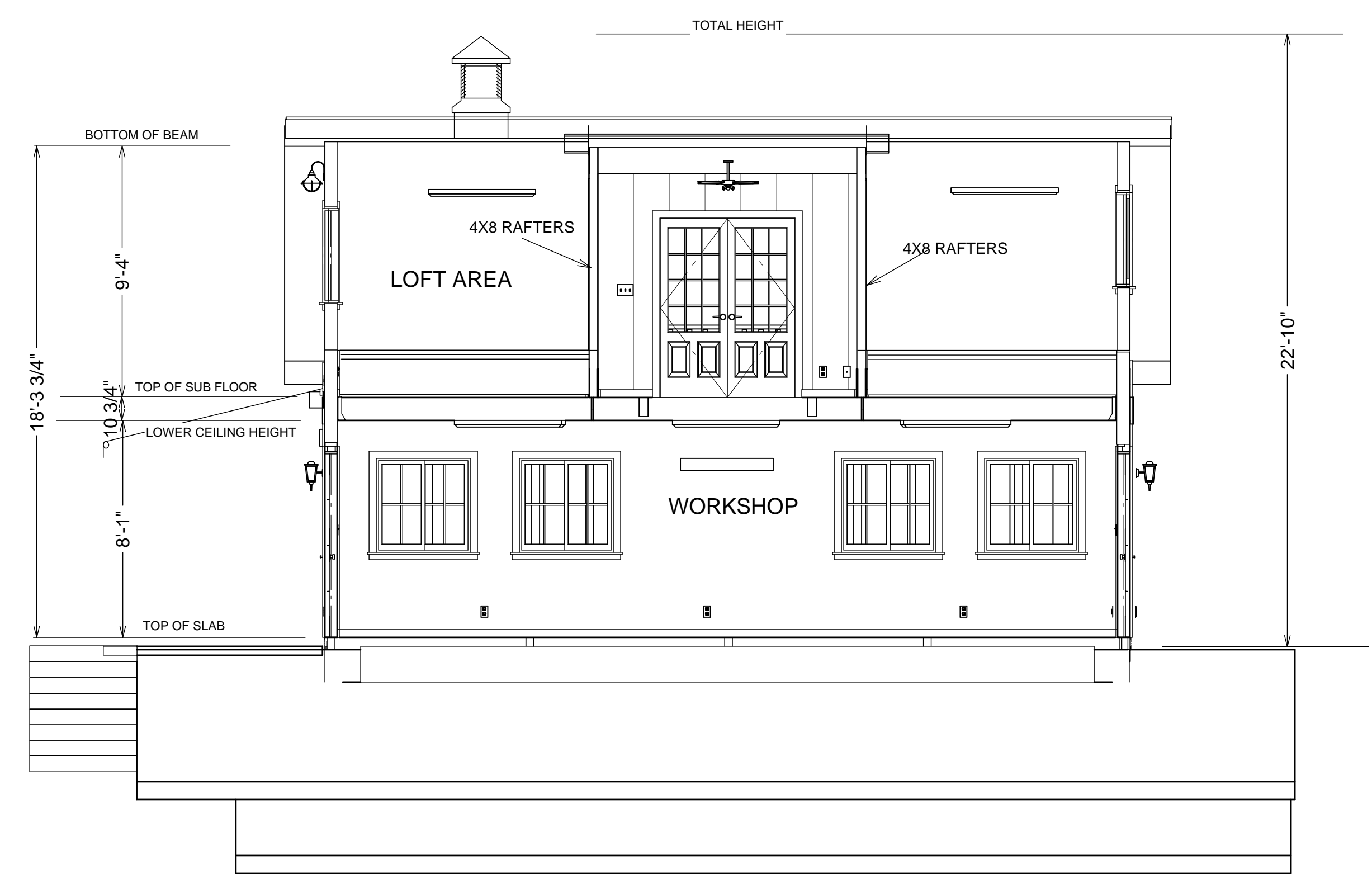
**S1** CANTILEVER JOIST AT BALCONY  
 NOT TO SCALE



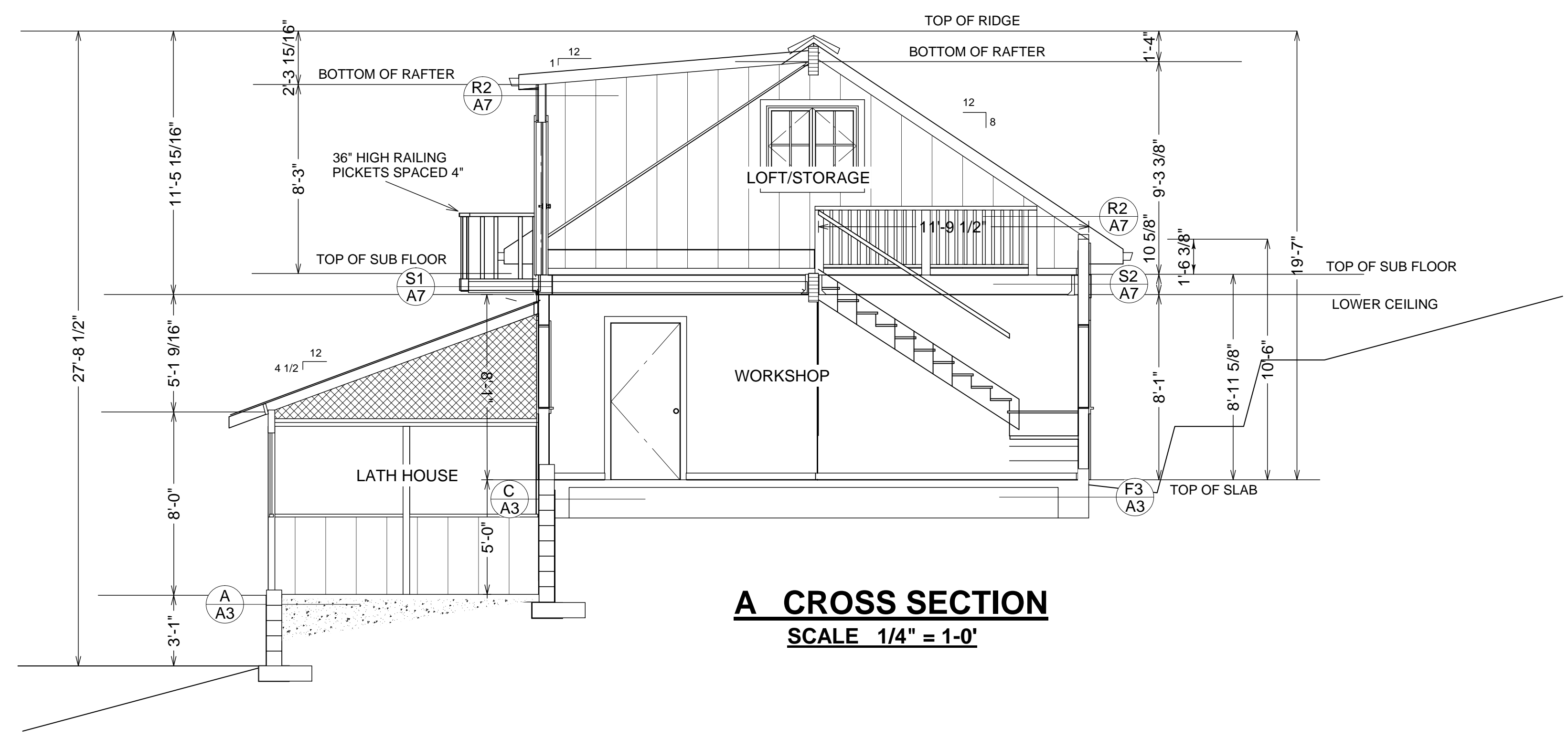
**R2** EAVE DETAIL  
 NOT TO SCALE



**S2** TYPICAL WALL SECTION  
 NOT TO SCALE



**B** CROSS SECTION  
 SCALE = 1/4" = 1'-0"



**A** CROSS SECTION  
 SCALE 1/4" = 1'-0"