

SYMBOLS

X

XX

DETAIL REF. SECTION REF.  
DRAWING NUMBER

X

XX

ELEVATION, SECTION REF.  
DRAWING NUMBER

X

KEY NOTE

RB09

HEADER

A

HOLD DOWN LOCATION

SW2

SHEAR WALL

DATUM POINT

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707-901-SHED(7433)

PLAN NO. 4875 N. VIALETTO WAY.  
LEHI, UT. LOT 204

JOSH AND KATIE

CODE SUMMARY

APPLICABLE CODE:  
PER CITY

ZONING CLASSIFICATION: R-110

DESIGN LOADS: SEE ENGINEERING

BUILDING AREAS:

MAIN FLOOR LIVEABLE1704 SQ.FT.  
UPPER FLOOR LIVEABLE1684 SQ. FT.  
BASEMENT AREA1700 SQ.FT.  
BASEMENT FINISHED10 SQ.FT.

TOTAL SQ. FT.5088  
FINISHED SQ. FT.3388

OTHER AREAS:  
GARAGE AREA790 SQ.FT.  
ENTRY PORCH40 SQ.FT.  
REAR PATIO64 SQ. FT.

ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE,  
COUNTRY, CITY AND UTILITY COMPANY CODES AND REGULATIONS.

PROJECT INFORMATION

OWNER: Josh Cockrell  
GENERAL CONTRACTOR: Owner Builder  
SITE LEGAL DESCRIPTION:

ASSESSOR'S TAX PARCEL NUMBER (A.P.N. 53: 516: 0204)

ZONING CLASSIFICATION: R-110  
PROJECT STREET ADDRESS: 4875 N. Vialetto Way, Lehi, UT. 84043

THESE DRAWINGS ARE PART OF A SET OF CONSTRUCTION DOCUMENTS.  
THE CONSTRUCTION DOCUMENTS CONSIST OF ONE OR MORE OF  
THE FOLLOWING ELEMENTS:

- CONSTRUCTION DRAWINGS
- SPECIFICATIONS
- STRUCTURAL CALCULATIONS
- CONTRACT FORMS & CONDITIONS
- MODIFICATIONS & REVISIONS

CONTRACTORS, SUBCONTRACTORS, AND OTHERS WHO PROVIDE LABOR  
AND/OR MATERIALS REFERENCEING THESE DRAWINGS ARE RESPONSIBLE  
FOR OBTAINING AND REVIEWING ALL CURRENT CONSTRUCTION DOCUMENTS.

CONTRACTORS, SUBCONTRACTORS, AND OTHERS ARE TO REPORT ANY  
DISCREPANCIES OR ERRORS TO THE CUSTOM HOME COMPANY, LLC.  
ANY CHANGES TO THE PROJECT WILL BE VERIFIED WITH  
THE OWNER AND/OR BUILDER AND REVISIONS MADE. CONTRACTORS ARE  
NOT TO MAKE ALTERATIONS OF ANY KIND WITHOUT PRIOR WRITTEN  
CONSENT. DISCREPANCIES NOT REPORTED IMMEDIATELY ARE  
RESPONSIBILITY OF CONTRACTOR.

CONTRACTORS SHALL NOT SCALE FROM DRAWINGS.

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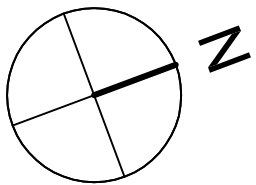
E1MAIN FLOOR ELECTRICAL PLAN  
E3UPPER FLOOR ELECTRICAL PLAN  
E2BASEMENT FLOOR ELECTRICAL PLAN

TITLE SHEET  
MATERIALS  
INDEX  
PROJECT  
INFO.

SCALE: 3/8" = 1'-0"

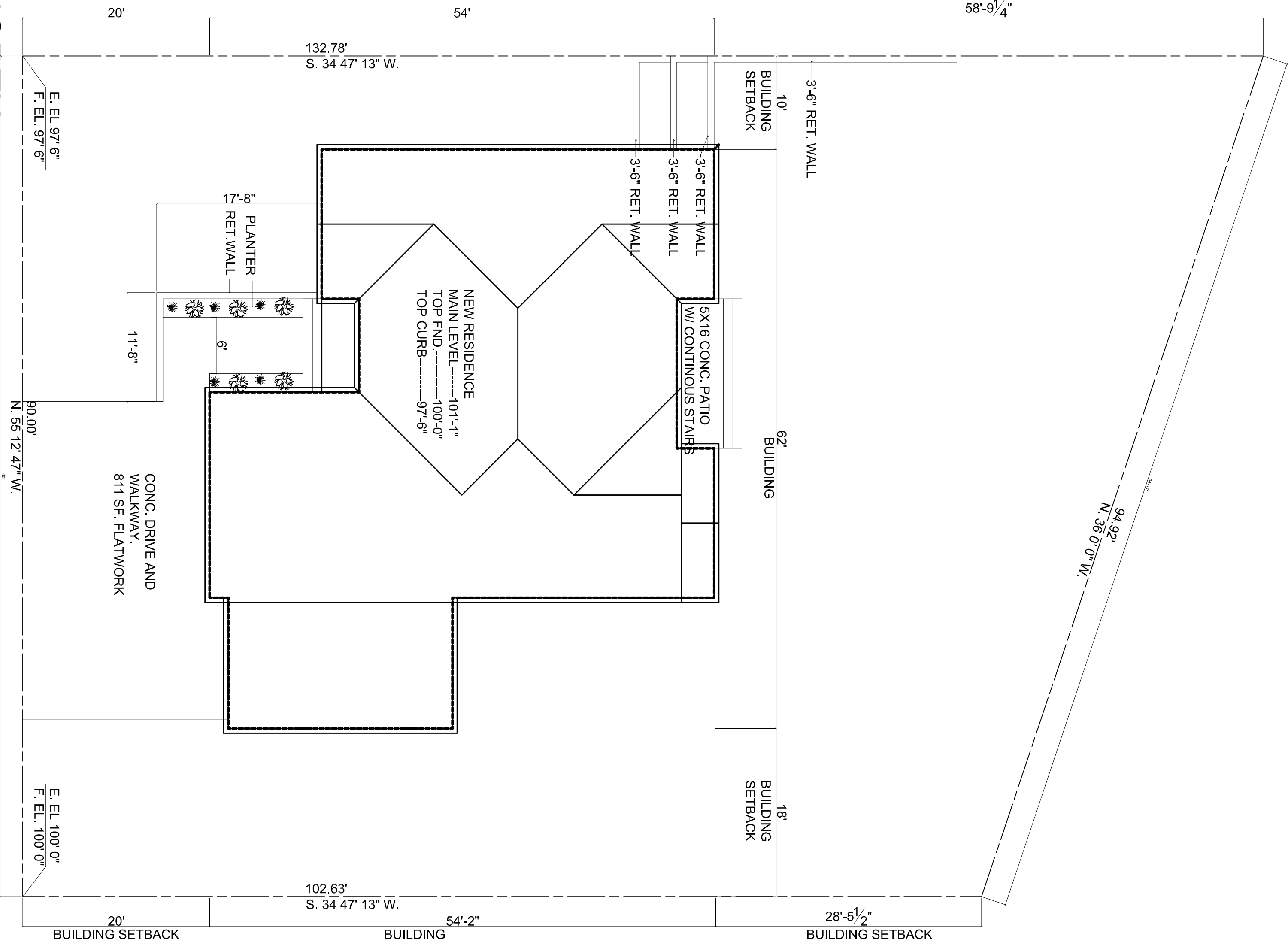
DATE:

A0.1



SITE PLAN-DECK NORTH

4875 N. VIALETTO WAY, LEHI, UT.



1" = 10'-0"

SITE PLAN

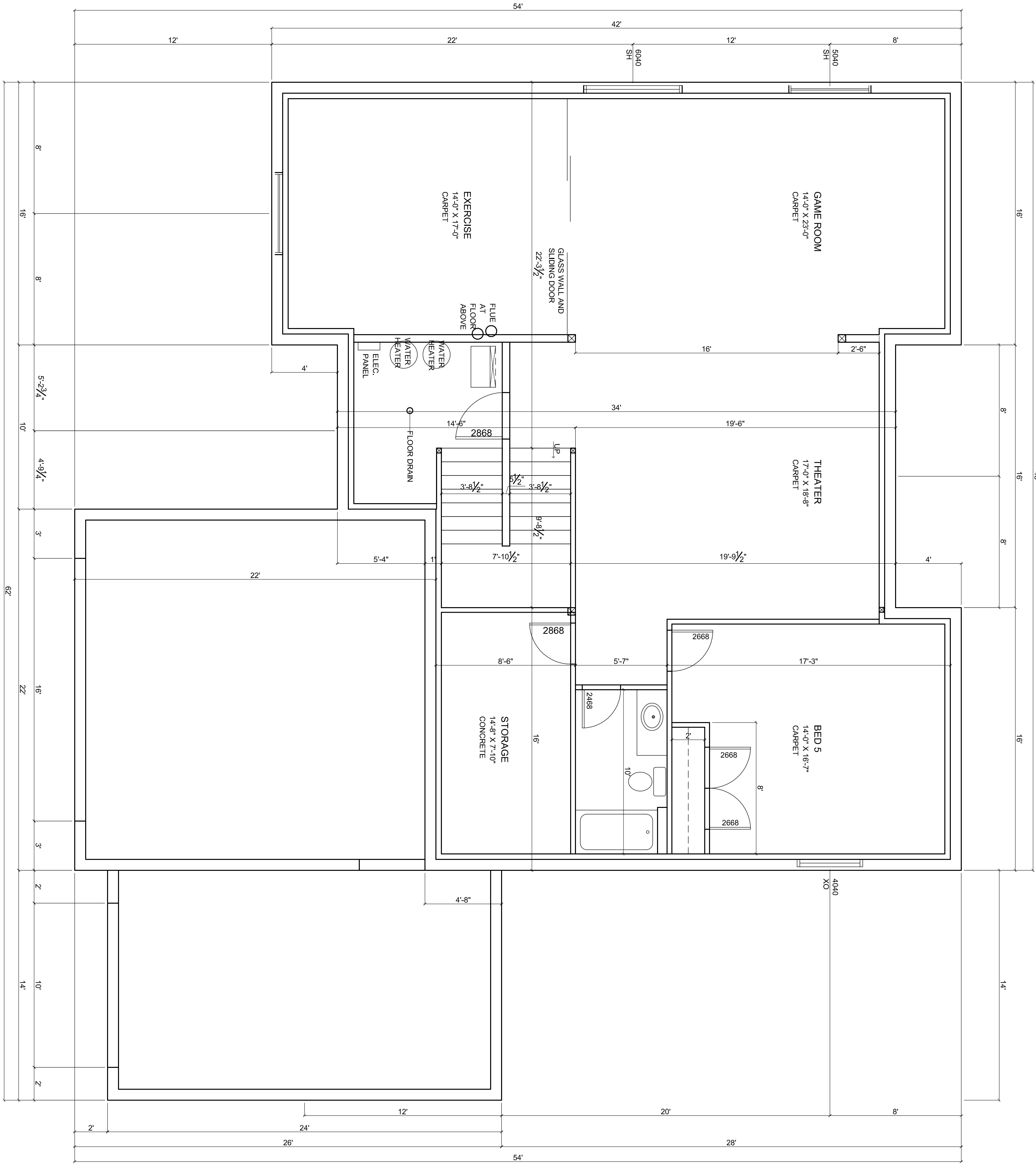
SCALE: 3/4" = 1'-0"  
DATE:

PLAN NO. 14x20-1C1D

JOSH

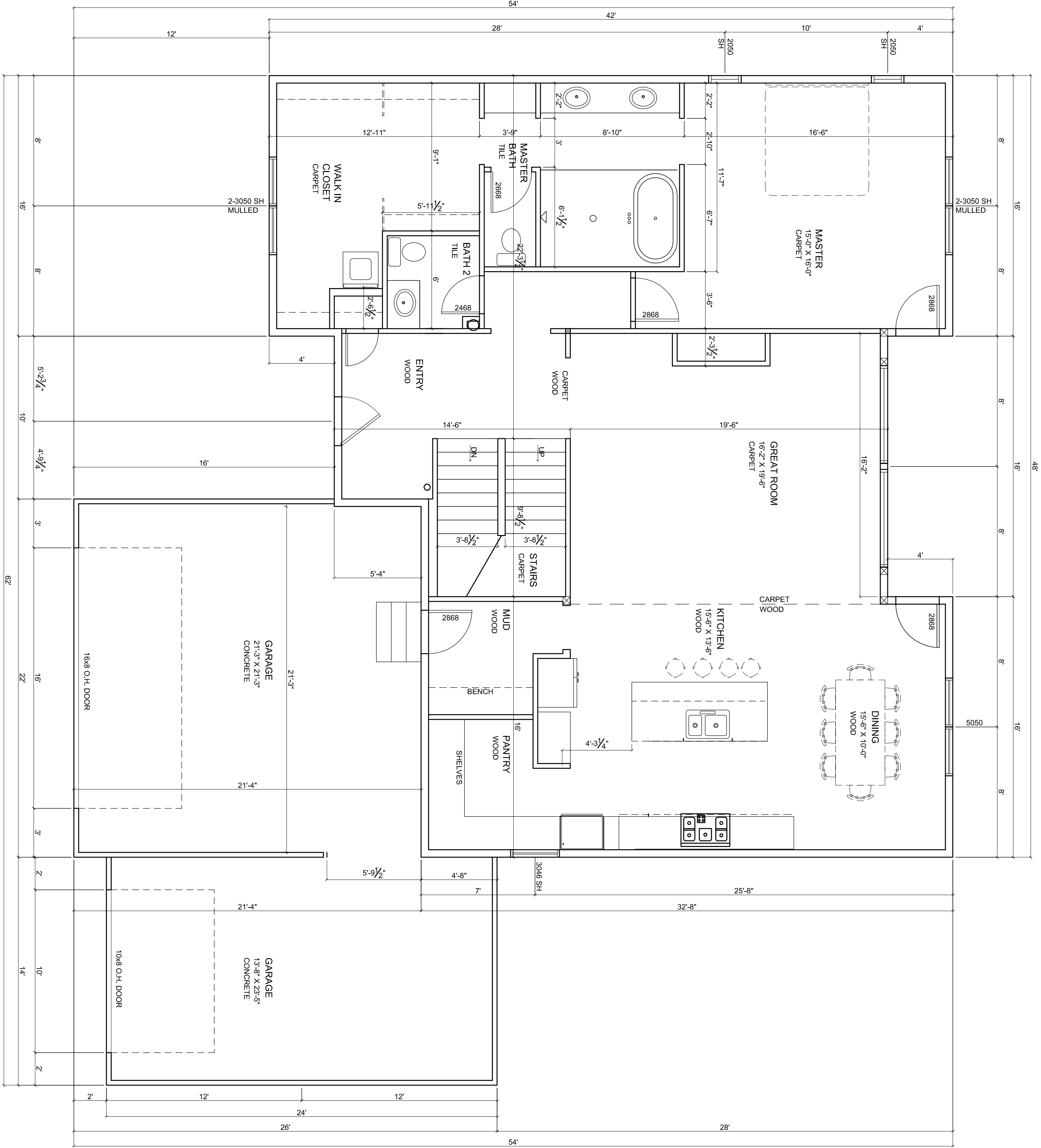
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A1.1



1 BASEMENT FLOOR PLAN 1704 sf

1/4" = 1'-0" NOTE: SEE ROOF FRAMING PLAN FOR BEAM INFORMATION



# 1 FLOOR PLAN 1700 sf

1/4" = 1'-0" NOTE: SEE ROOF FRAMING PLAN FOR BEAM INFORMATION

1

PLAN NO. 14x20-1C1D

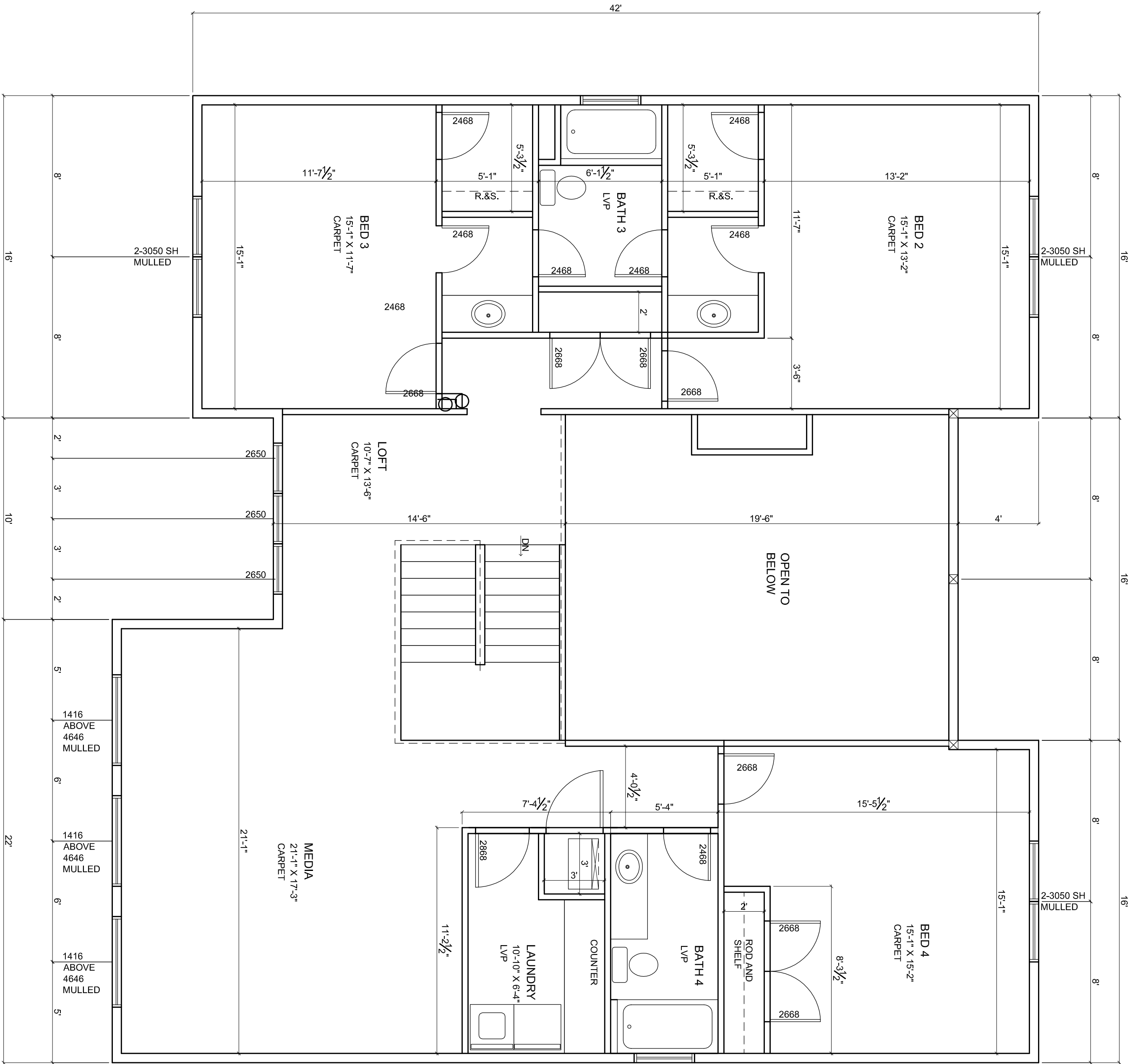
JOSH

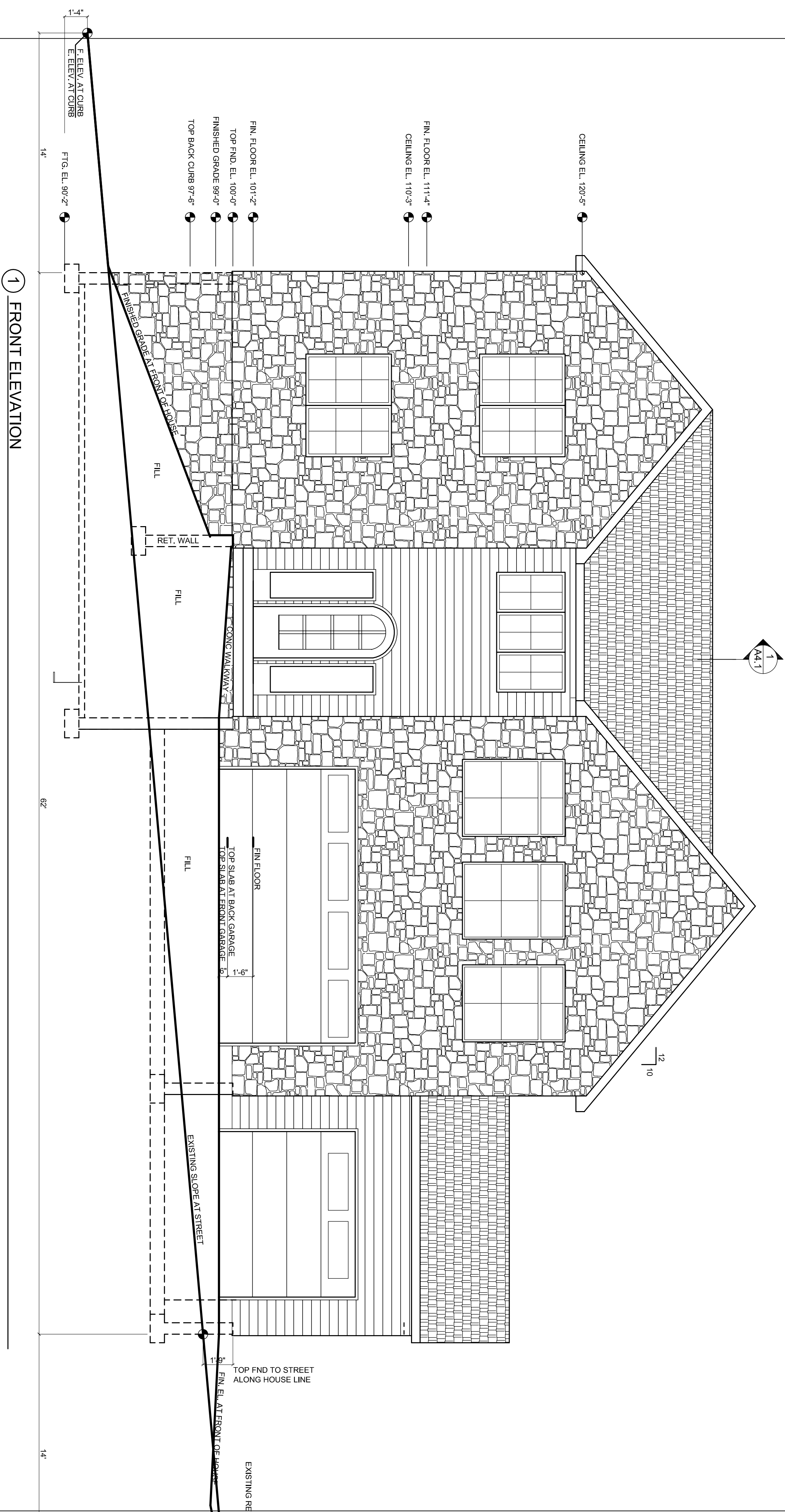
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MAIN  
FLOOR PLAN

SCALE: 3/8" = 1'-0"  
DATE:

A2.2





A3.1

EXTERIOR  
ELEVATIONS

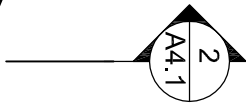
SCALING: 1/4" = 1'-0"  
DATE: \_\_\_\_\_

8'  
TOTAL DROP CORNER TO  
CORNER AT STREET

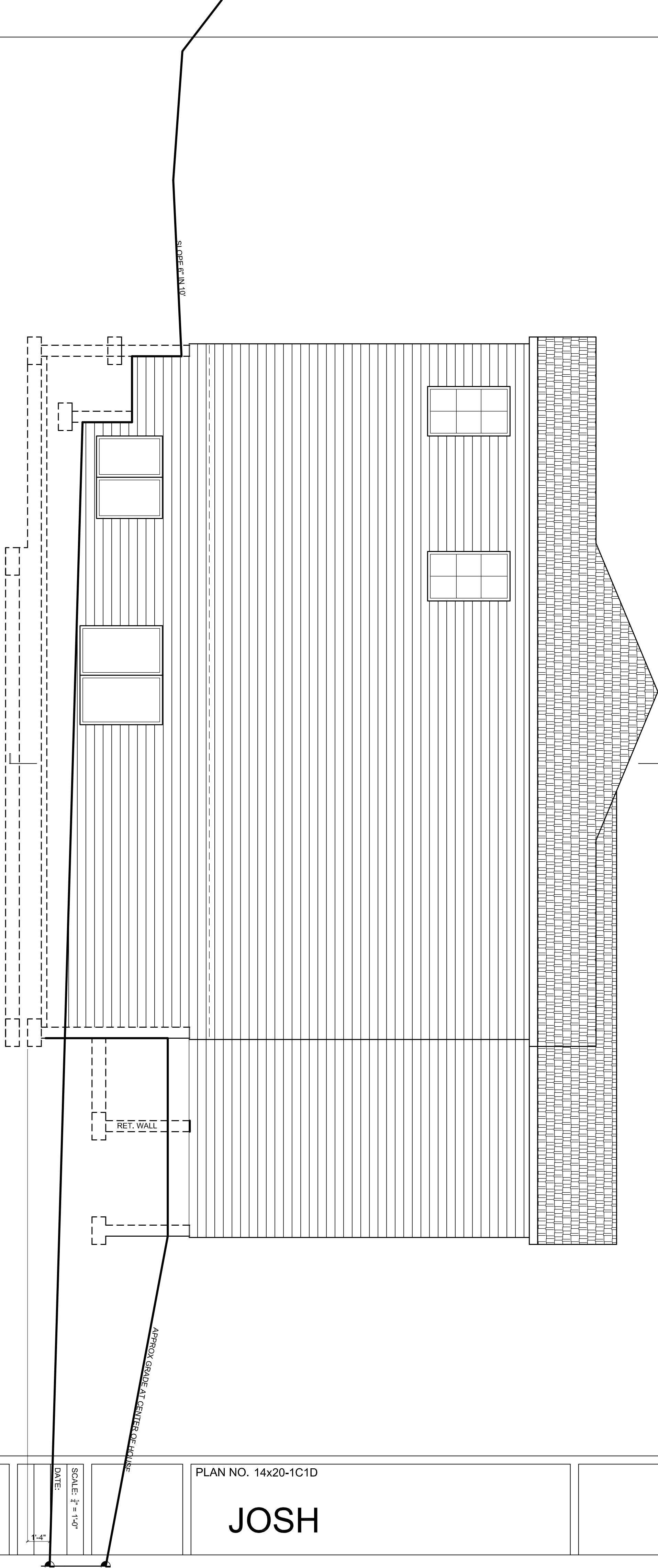
PLAN NO. 14x20-1C1D

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1 LEFT ELEVATION



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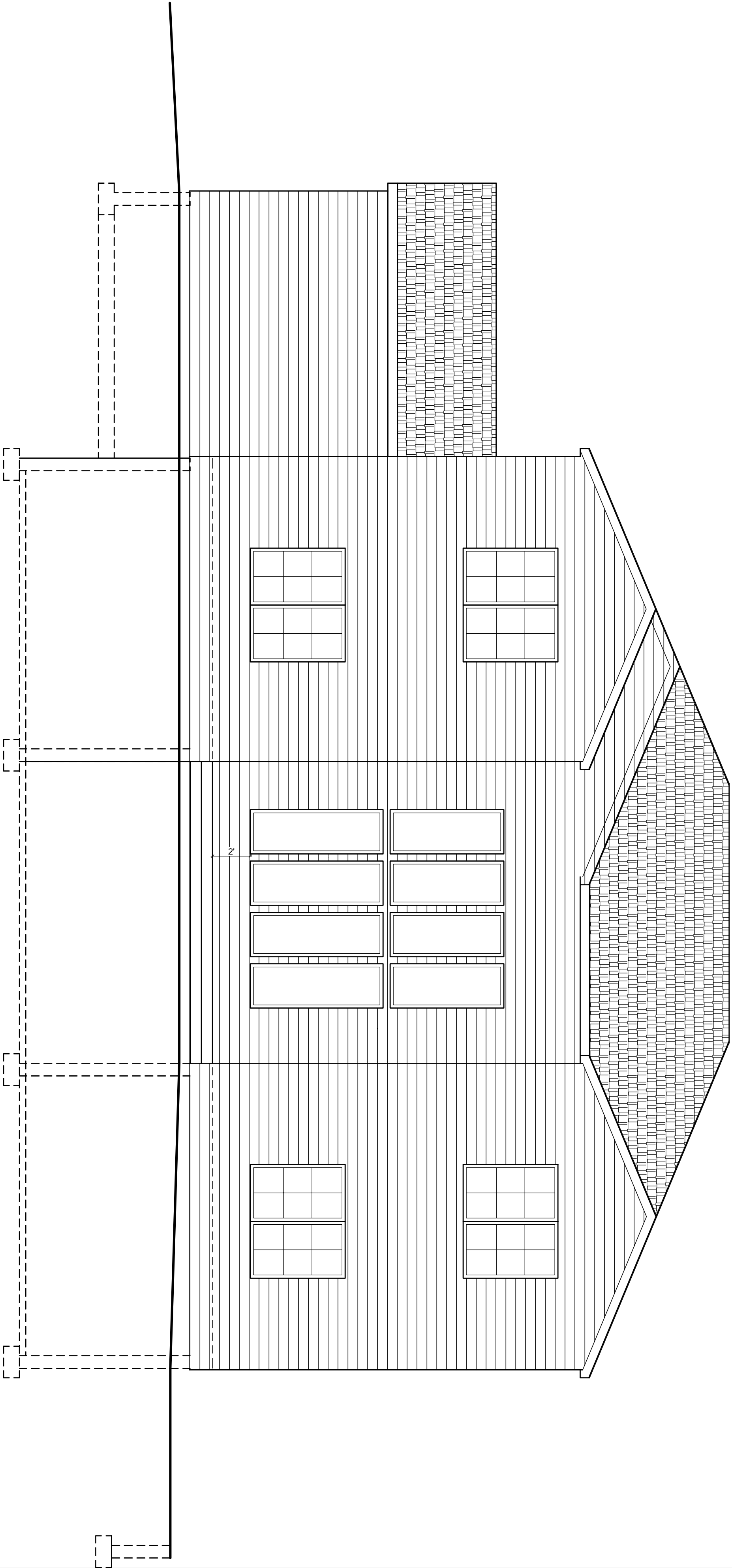
SCALE:  $\frac{1}{4}" = 1'-0"$

DATE:

1'-4"

EXTERIOR  
ELEVATIONS

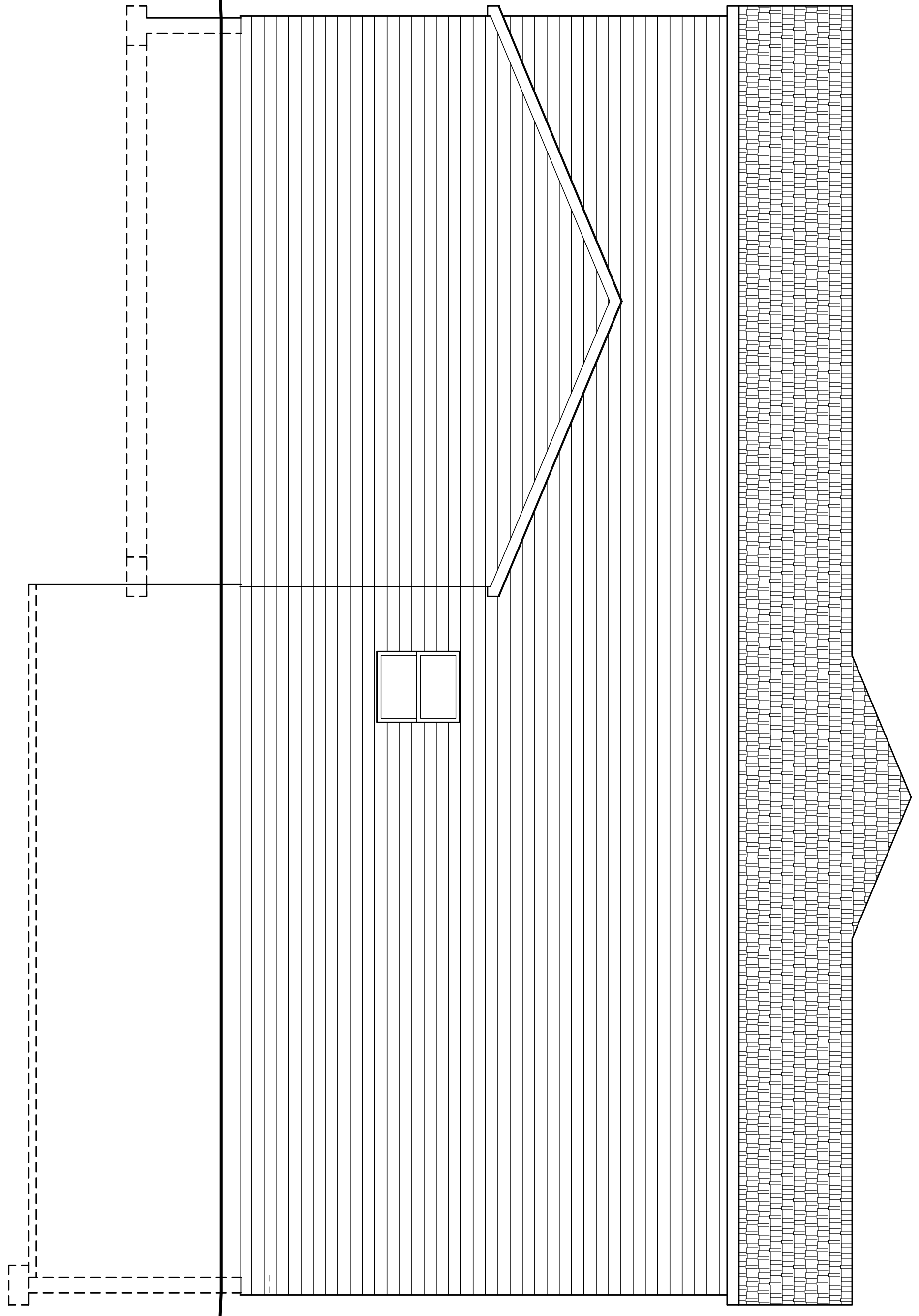
A3.2



① REAR ELEVATION



① RIGHT ELEVATION



SLOPE 6 IN 10

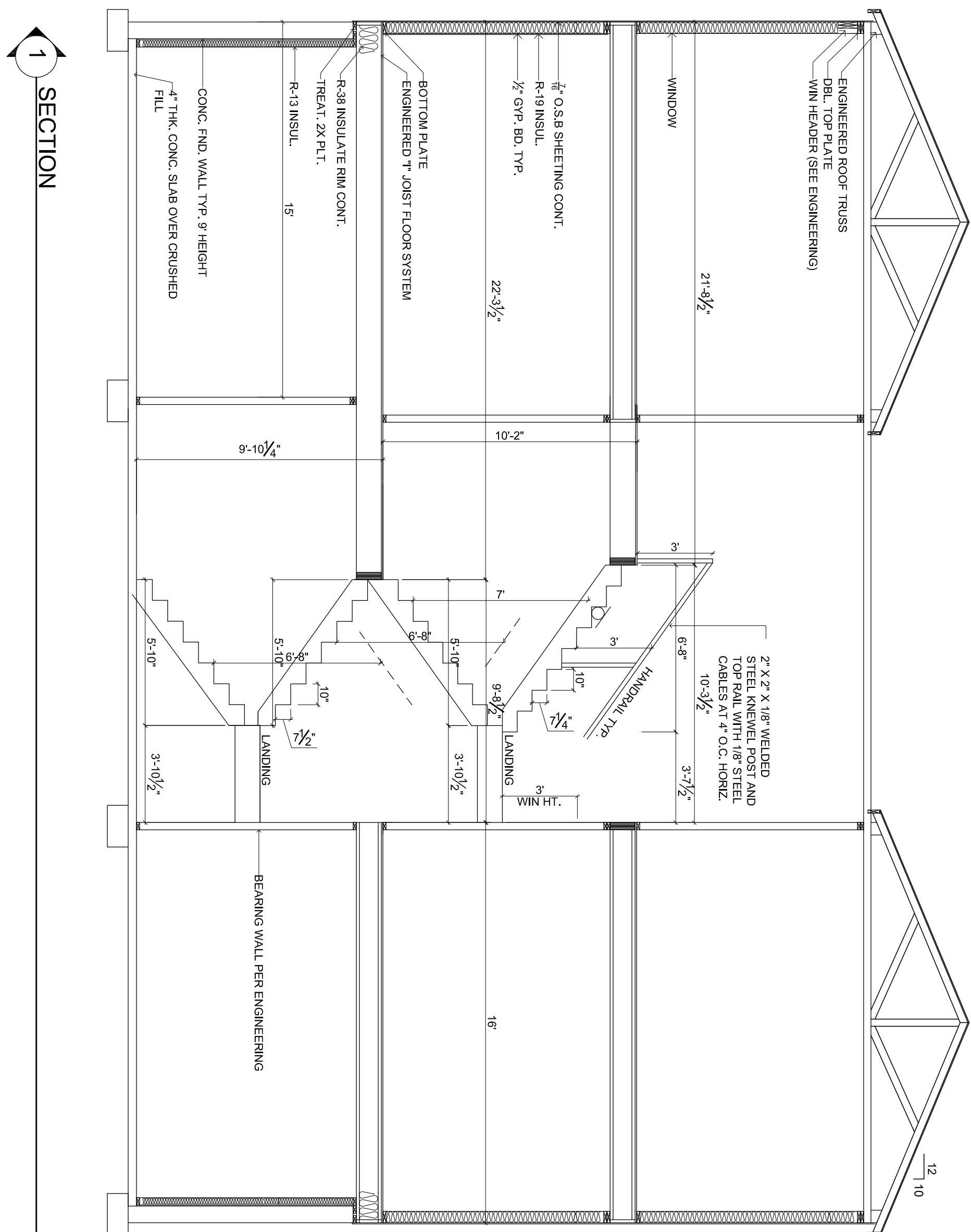
PLAN NO. 14x20-1C1D

JOSH

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SCALE:  $\frac{1}{4}" = 1'-0"$   
DATE:  
EXTERIOR ELEVATIONS

A3.4



## SECTION

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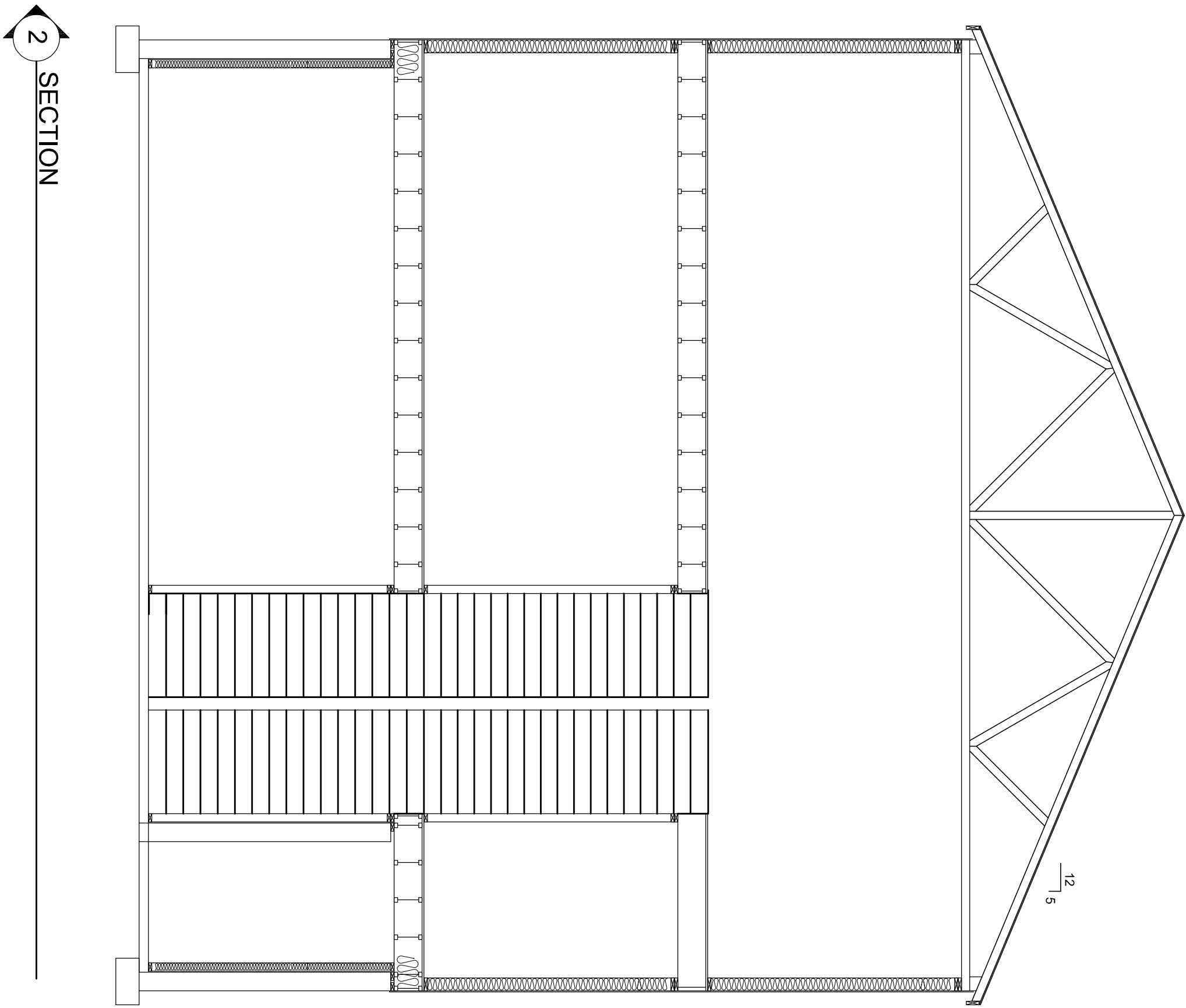
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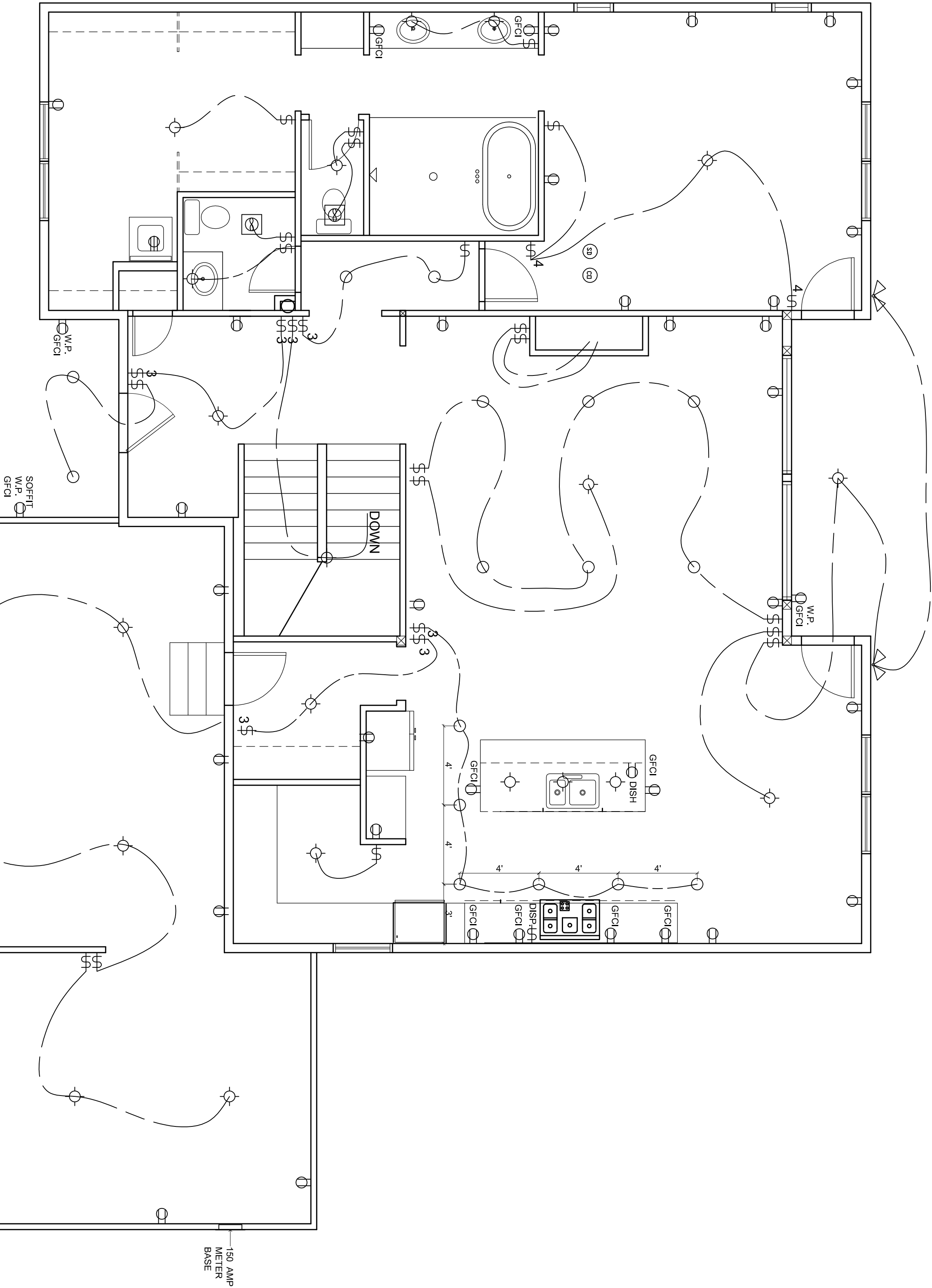
DATE:

BUILDING  
SECTION

## A4.1

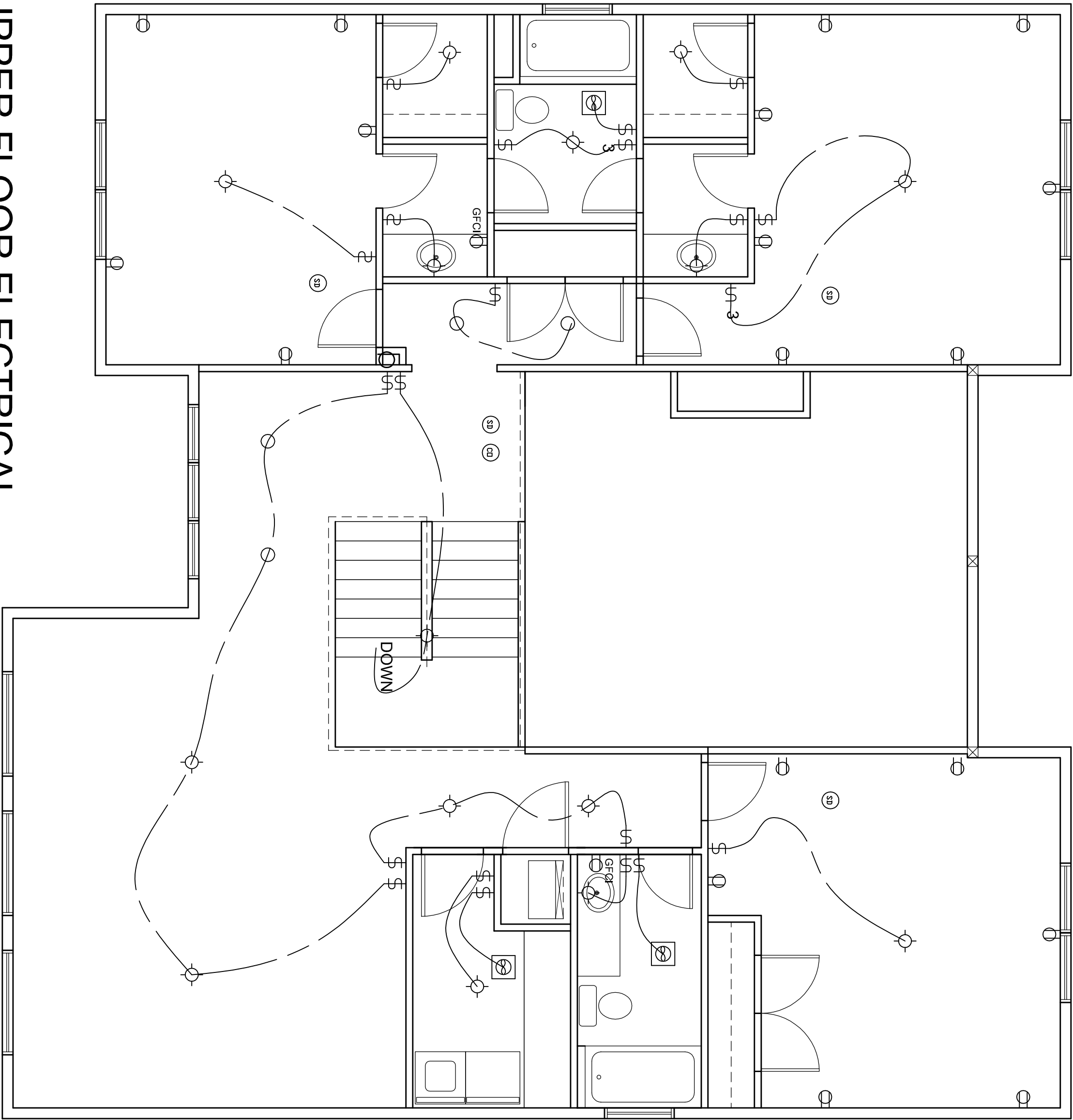


- SWITCH
  - 3 WAY SWITCH
  - WP OUTLET
  - GFCI
  - OUTLET
  - 220 OUTLET
  - THERMOSTAT
  - CAT 5 TELEPHONE
  - TELEVISION CAT 6 w/ INDIV HOME RUNS FLOOD LIGHT
  - ELECTRIC PANEL
  - SMOKE DETECTOR
  - CO DETECTOR
  - LIGHT
  - RECESSED CAN LIGHT
  - 48" FLOURESCENT LIGHT
  - BATH FAN
  - CEILING FAN
- ONE 4 PAIR CAT 5 AND ONE RG6 COAXIAL LINE TO BE RUN FROM THE COMMUNICATIONS HUB TO THE EXTERIOR PHONE SERVICE BOX
- PROVIDE ARC VOLT CIRCUIT INTERRUPTER IN BREAKER PANEL FOR ALL 115 120 OUTLET CIRCUITS IN BEDROOMS. EACH BEDROOM TO HAVE SEPERATE LINE.



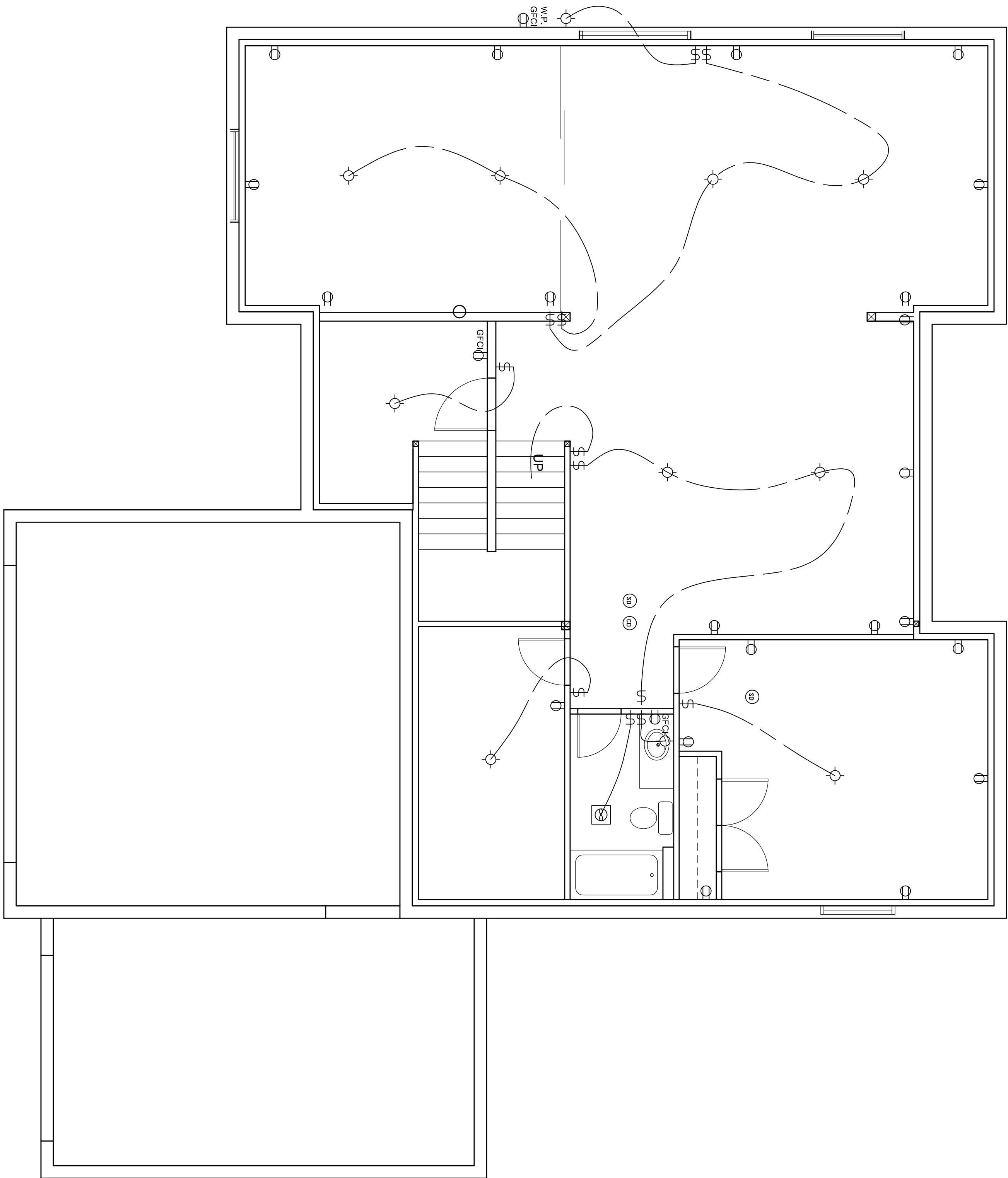
# MAIN FLOOR ELECTRICAL

N.T.S.



UPPER FLOOR ELECTRICAL

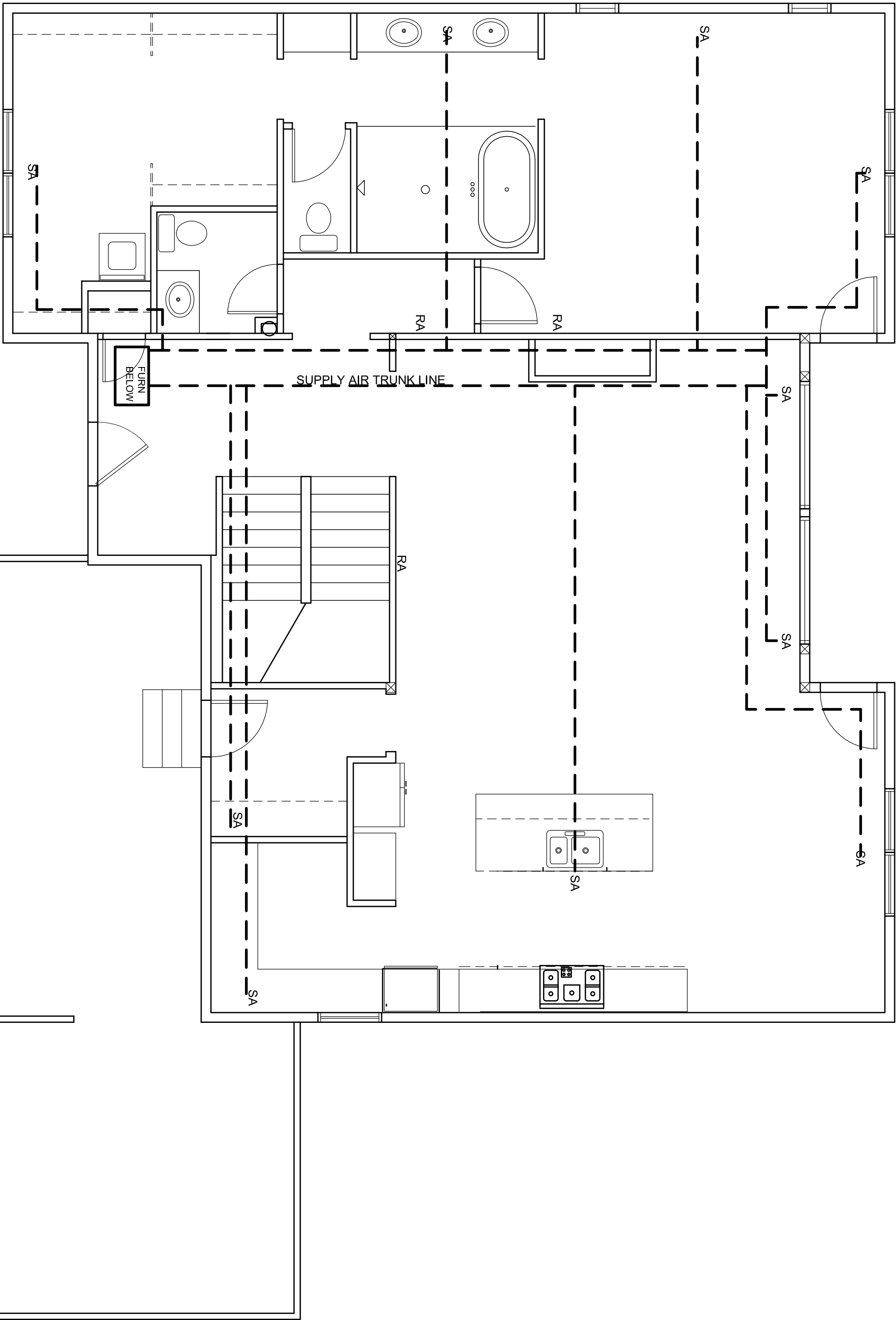
N.T.S.



BASEMENT ELECTRICAL

N.T.S.

000



1 MAIN FLOOR HVAC PLAN

N.T.S.

PLAN NO. 14x20-1C1D

JOSH

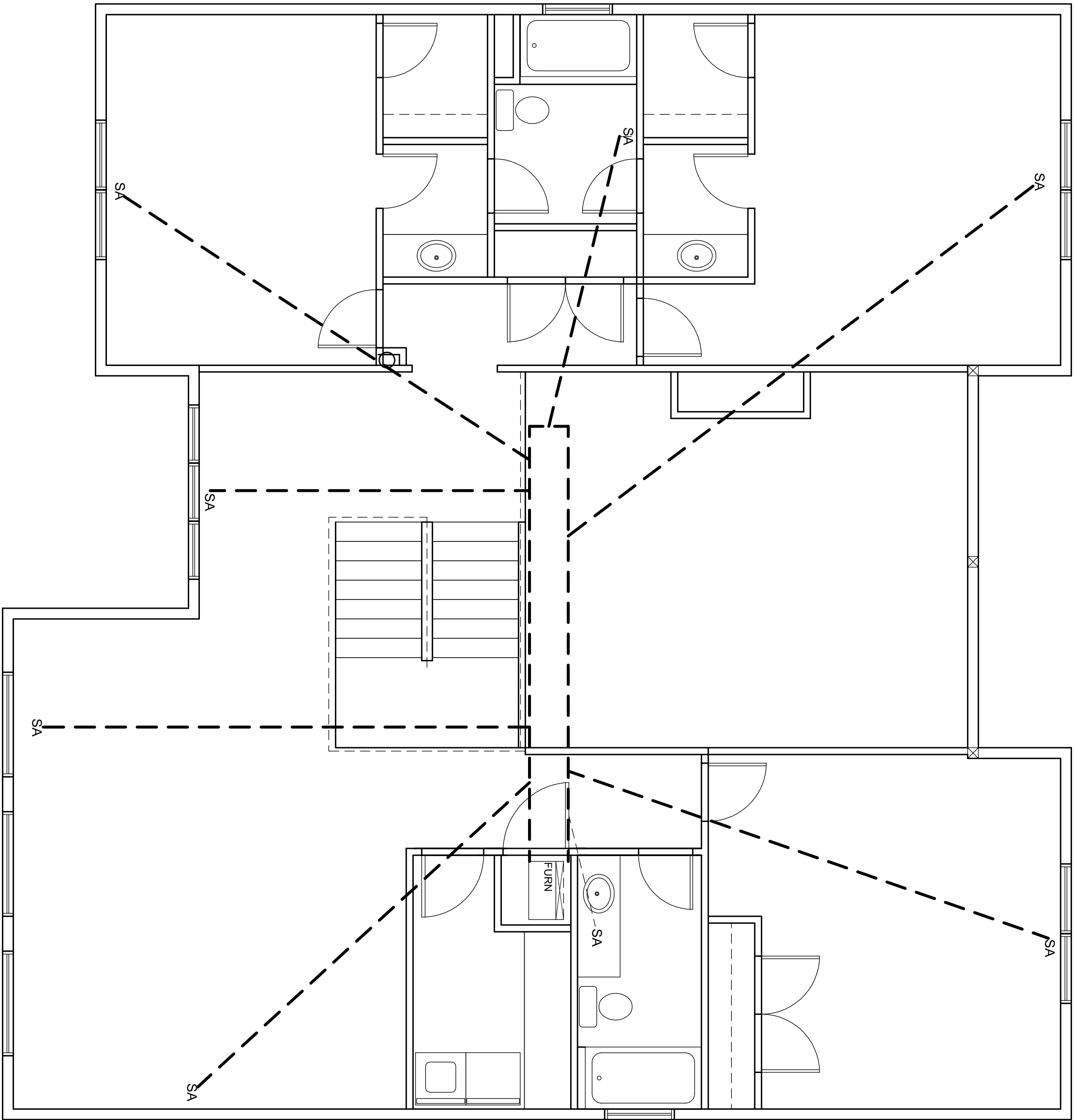
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SCALE:  $\frac{1}{4}" = 1'-0"$

DATE:

MAIN FLOOR  
HVAC

M1



1 UPPER FLOOR HVAC PLAN

N.T.S.

PLAN NO. 14x20-1C1D

JOSH

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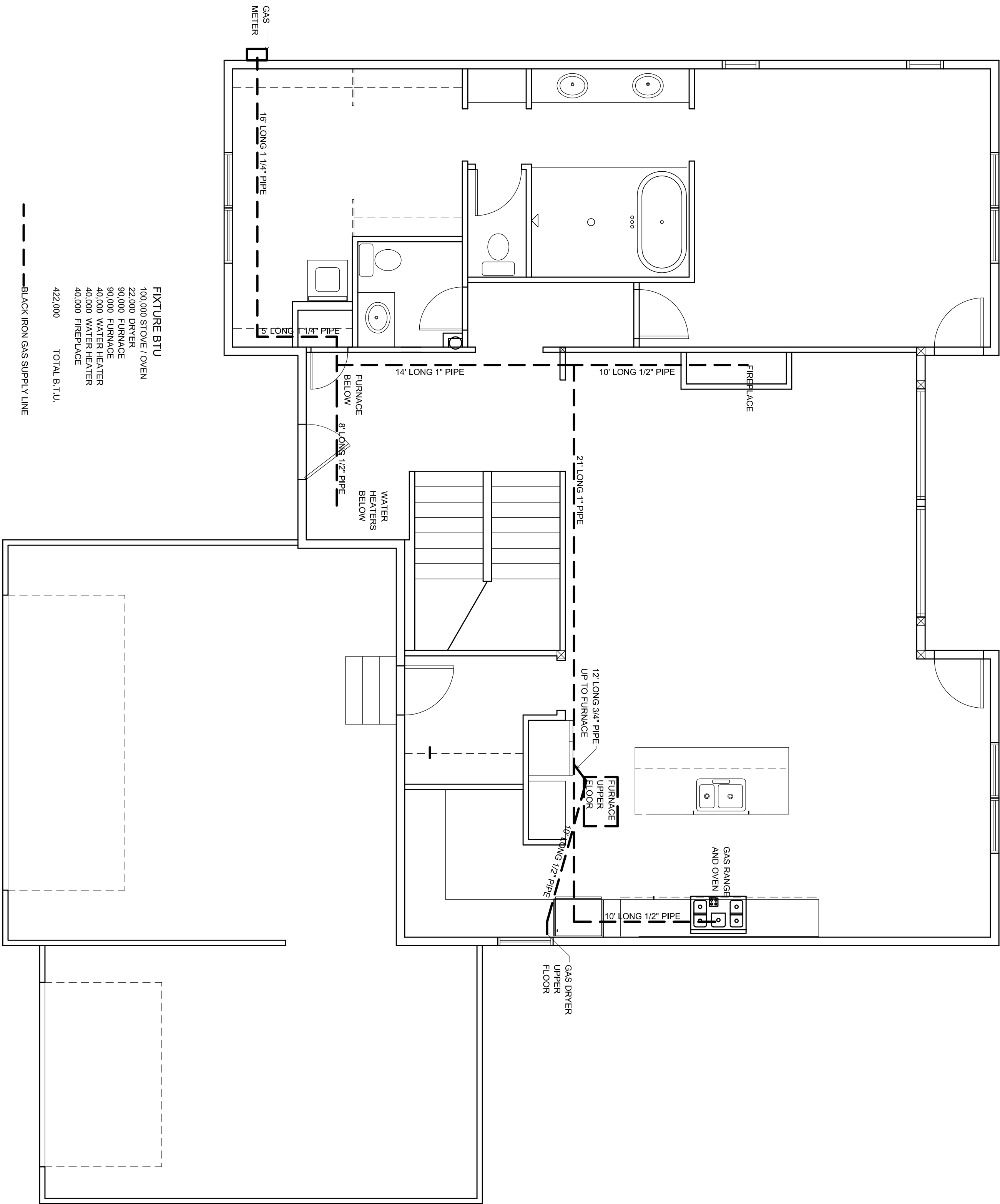
SCALE: 3/4" = 1'-0"

DATE:

UPPER FLOOR  
HVAC

M2





FIXTURE BTU  
100,000 STOVE / OVEN  
22,000 DRYER  
90,000 FURNACE  
90,000 FURNACE  
40,000 WATER HEATER  
40,000 WATER HEATER  
40,000 FIREPLACE  
422,000 TOTAL B.T.U.

--- BLACK IRON GAS SUPPLY LINE

1 GAS PIPING DIAGRAM  
N.T.S.

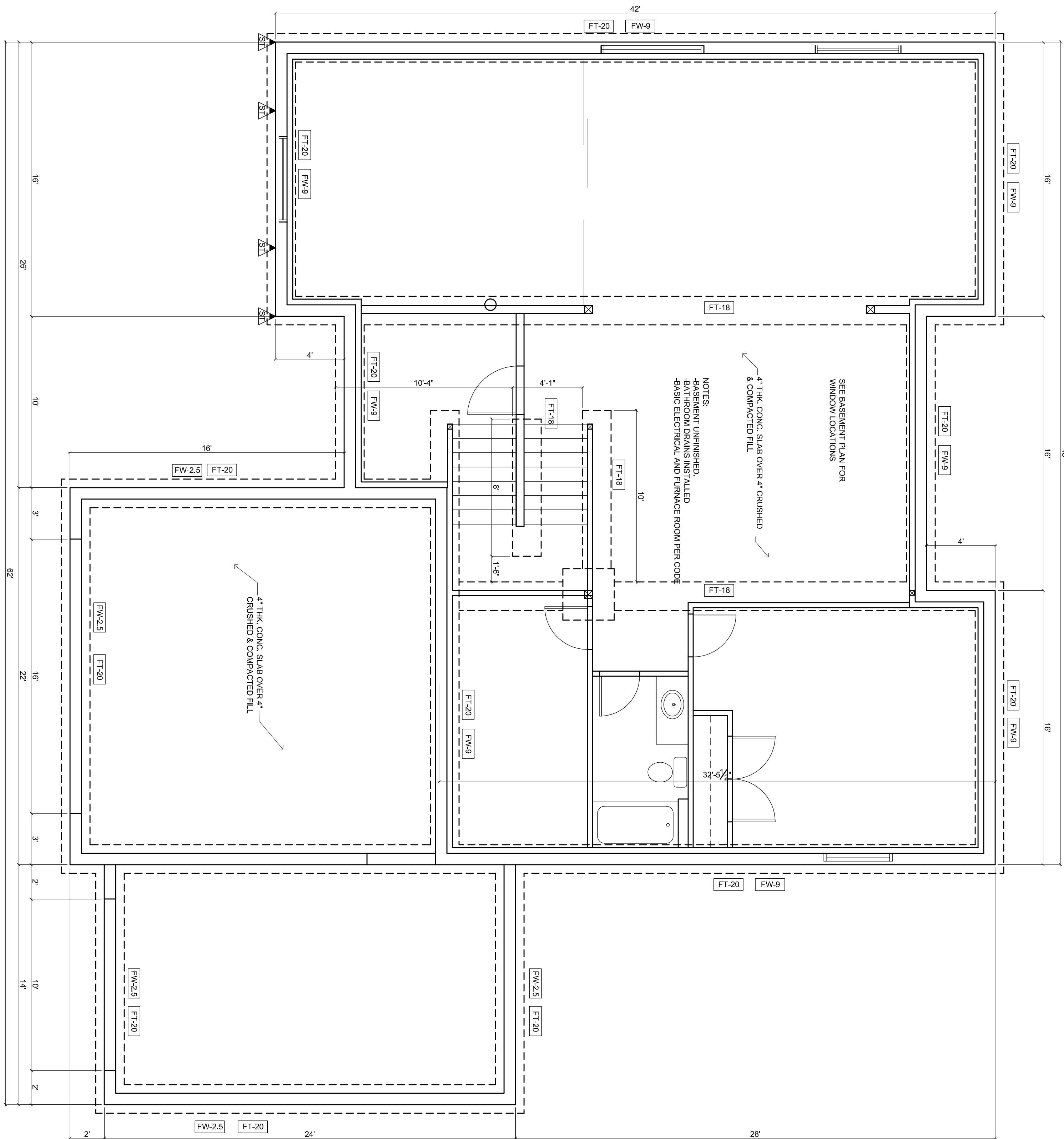
PLAN NO. 14x20-1C1D

JOSH

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SCALE: 1/4" = 1'-0"  
DATE:  
GAS PIPING  
DIAGRAM

M3



FOOTING SCHEDULE				IPC TABLE R403. (1)	
MARK	WIDTH	LENGTH	THICK	LONGITUDINAL REINFORCEMENT	CROSSWISE REINFORCEMENT
FT-12	1'-0" (12")	CONT.	18"	(2) #4 BARS	-
FT-18	1'-6" (18")	CONT.	24"	(2) #4 BARS	-

1-REINFORCEMENT SHALL COMPLY WITH SECTION R403.1.3.5 OR LOCAL REQUIREMENTS.  
2-VERIFY LOCAL SOIL STRENGTH AND MODIFY FOOTING SIZE PER LOCAL CONDITIONS AND REQUIREMENTS.

## ABWV PANEL FOUNDATION STRAP SCHEDULE

MARK	NALING
SIMPSON NUMBER	(28) 16d SINKERS
LSTHD10	

1-SIMPSON LSTD10 STRAP TIE PROVIDES 2,050 TENSION LOAD. MINIMUM HOLD DOWN FOR ABW BRACED WALL PANELS WITH ONE STORY AND 8 TO 10 FOOT WALLS IS 1,800 LBS. (2015 IRC R602.10.6.1)

FOUNDATION WALL SCHEDULE							UTAH TABLE 1805.5.9
MARK	WALL THICK	VERT. REINFORCEMENT			HORIZ. REINFORCEMENT		
		SIZE	SPACING	LOCATION	SIZE	SPACING	LOCATION
FW-2.5	8"	#4	24" O.C.	CENTER	#4	2 @ 24"	CENTER
FW-9	8"	#4	24" O.C.	CENTER	#4	6 @ 1'-4"	CENTER

1-BASED ON 3,000 PSI CONC. AND 60,000 PSI REINFORCING STEEL.  
2-TO BE PLACED IN THE CENTER OF THE WALL, AND EXTEND FROM THE  
FOOTING TO WITHIN THREE INCHES OF THE TOP OF THE WALL. DOWELS OF  
#4 BARS TO MATCH VERTICAL STEEL PLACEMENT SHALL BE PROVIDED IN  
THE FOOTING, EXTENDING 24 INCHES INTO THE FOUNDATION WALL.  
3-ONE BAR SHALL BE LOCATED IN THE TOP FOUR INCHES, ONE BAR IN THE  
BOTTOM FOUR INCHES AND THE OTHER BARS EQUALLY SPACED BETWEEN.  
SUCH BAR PLACEMENT SATISFIES THE REQUIREMENTS OF SECTION  
1805.3 CORNER REINFORCING SHALL BE PROVIDED SO AS TO LAP 24  
INCHES.  
4-BARS SHALL BE PLACED WITHIN TWO INCHES OF THE OPENINGS AND  
EXTEND 24 INCHES BEYOND THE EDGE OF THE OPENING. VERTICAL BARS  
MAY TERMINATE THREE INCHES FROM THE TOP OF THE CONCRETE.  
5. DOWELS OF #4 BAR AT 32 INCHES ON CENTER SHALL BE PROVIDED IN  
THE FOOTING, EXTENDING 18 INCHES INTO THE FOUNDATION WALL.  
6-DIAPHRAGM SHALL CONFORM TO THE REQUIREMENTS OF SECTION 2303.  
7-FOOTING SHALL BE A MINIMUM OF NINE INCHES THICK BY 20 INCHES  
WIDE.

PLAN NO. 14x20-1C1D

# JOSH

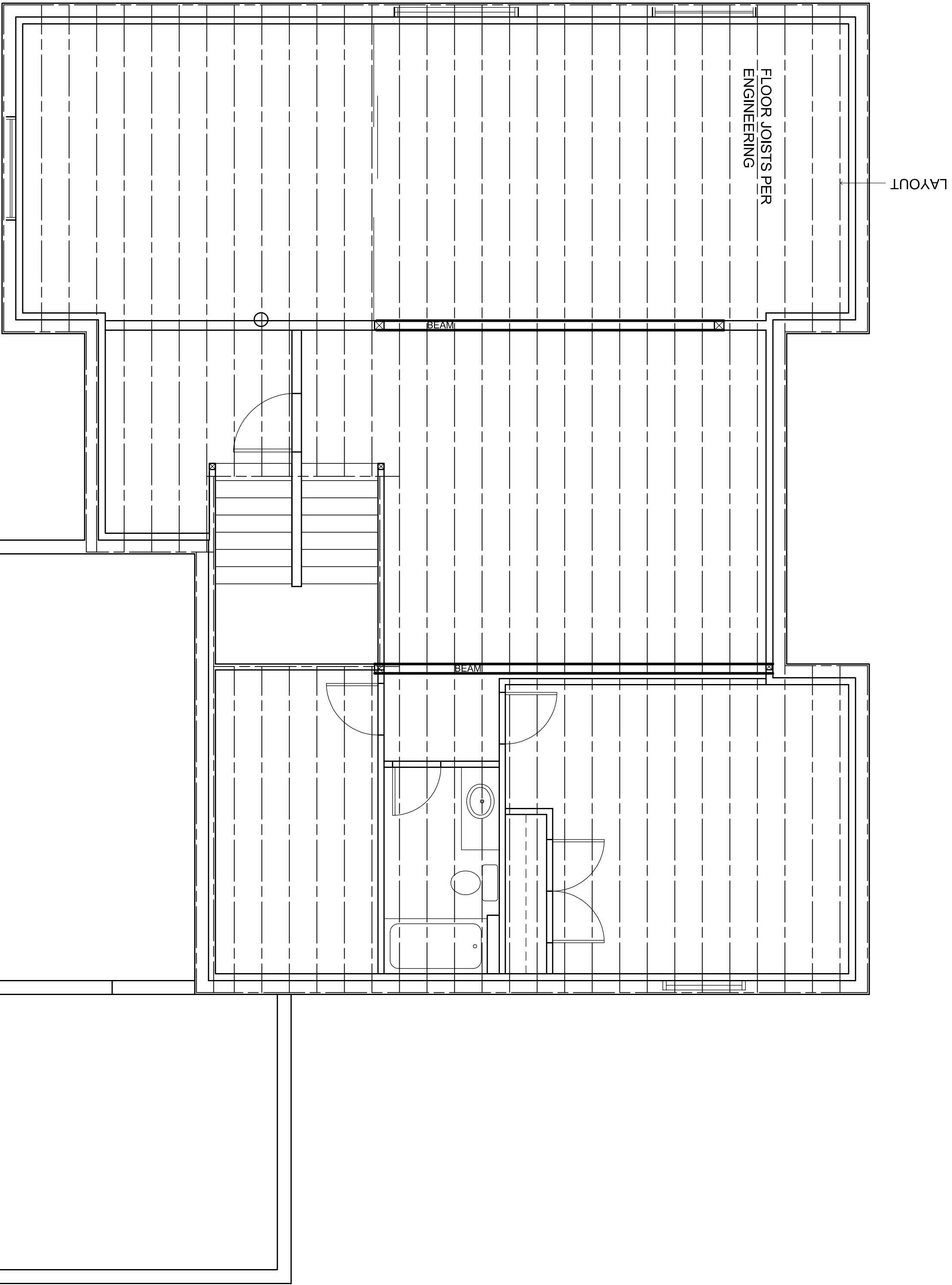
SCALE:  $\frac{1}{4}'' = 1'-0''$

DATE: \_\_\_\_\_

## MAIN FLOOR FRAMING

§ 1.

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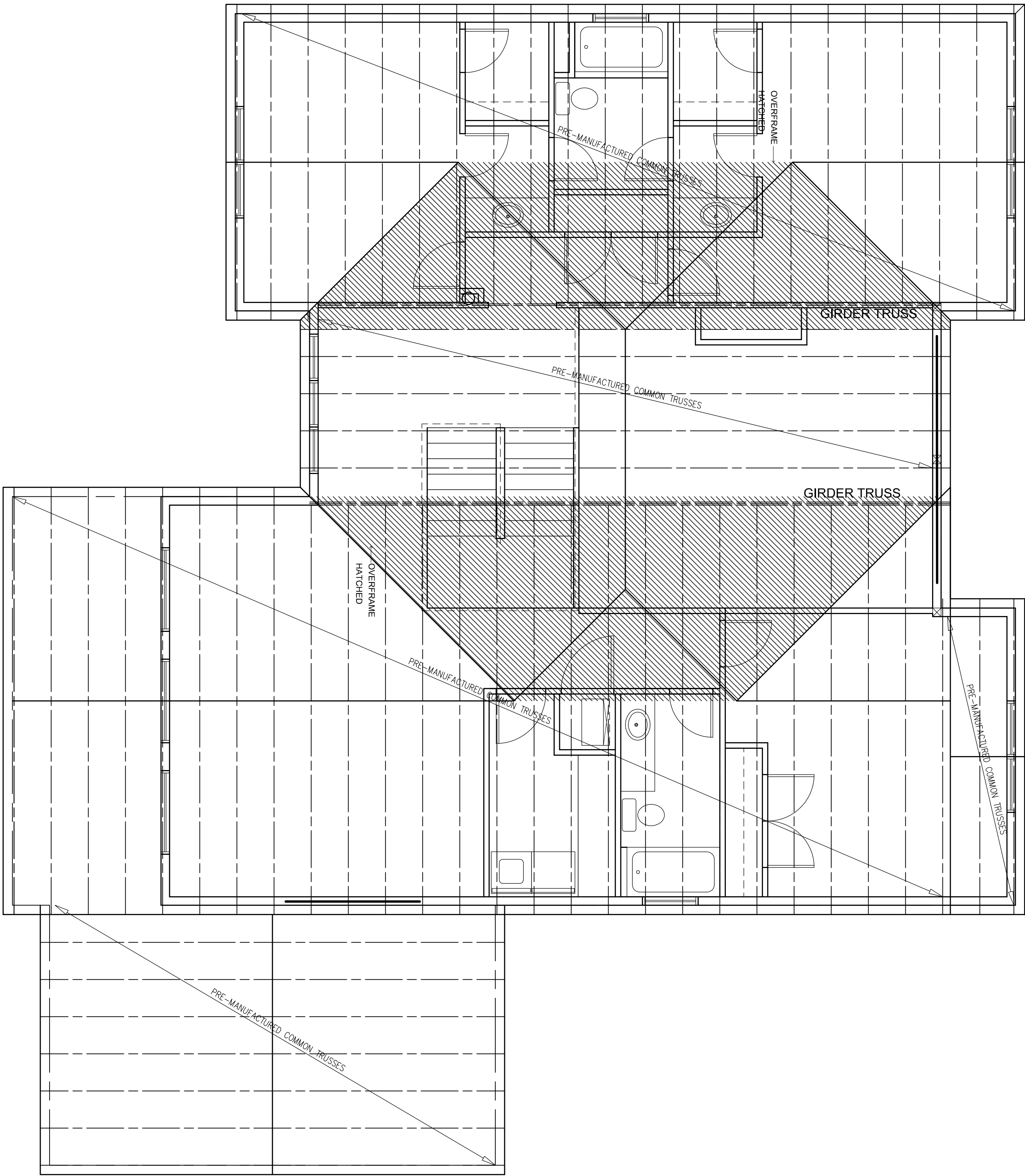
MAIN FLOOR FRAMING PLAN

1/4" = 1'-0"



UPPER FLOOR FRAMING PLAN

1/4" = 1'-0"



ROOF FRAMING PLAN

1/4" = 1'-0"

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PLAN NO. 14x20-1C1D

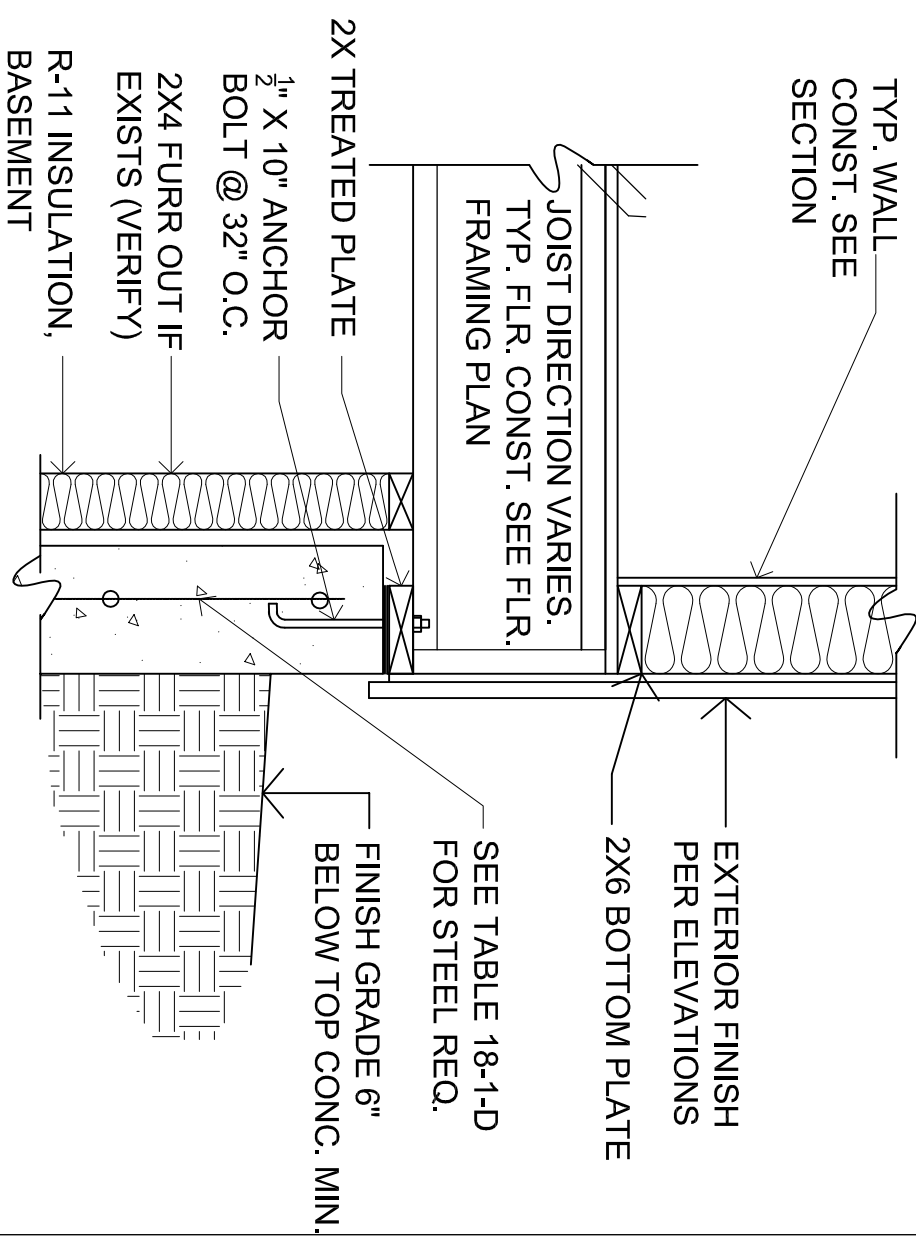
JOSH

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

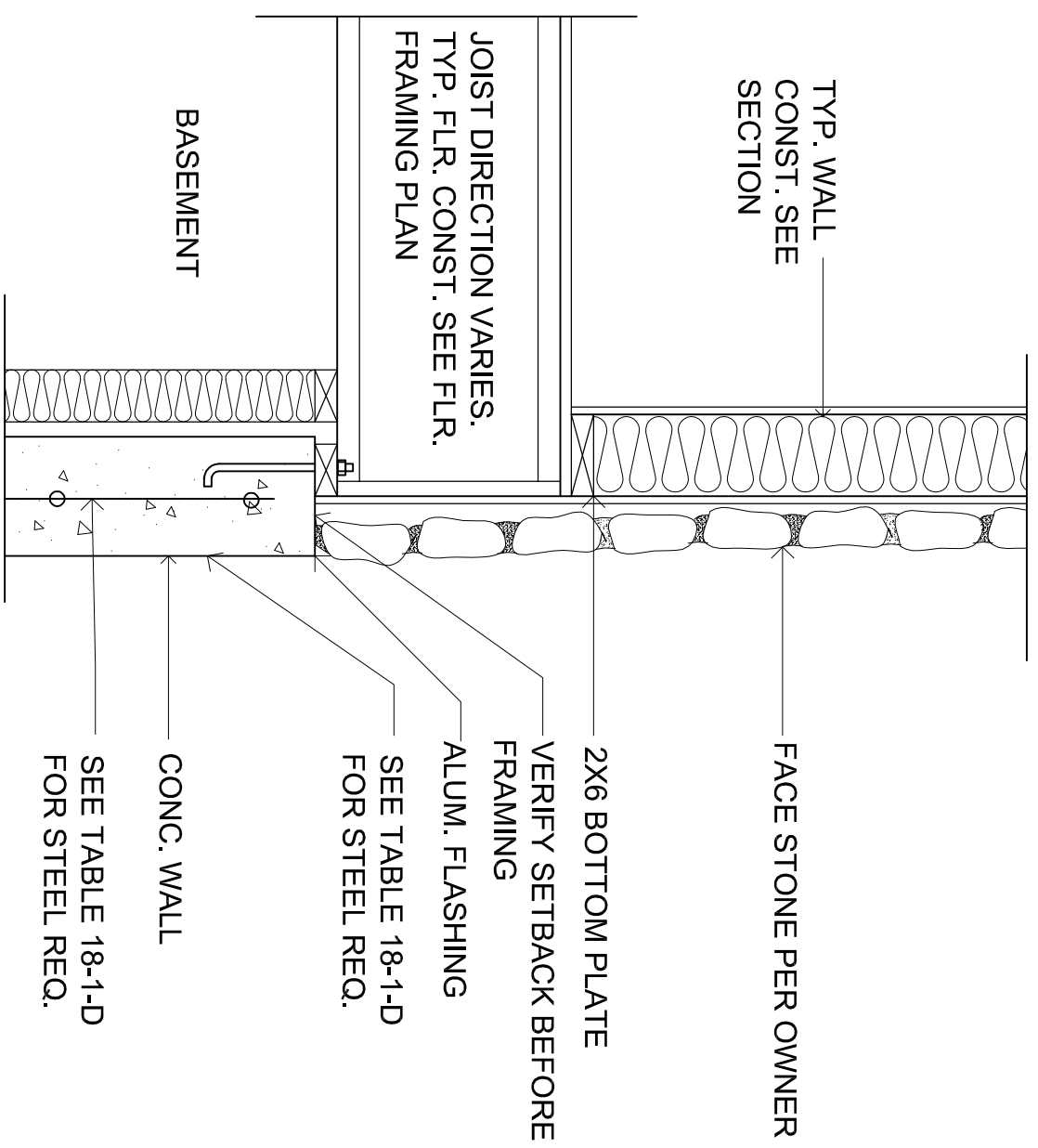
DATE:

ROOF FRAMING

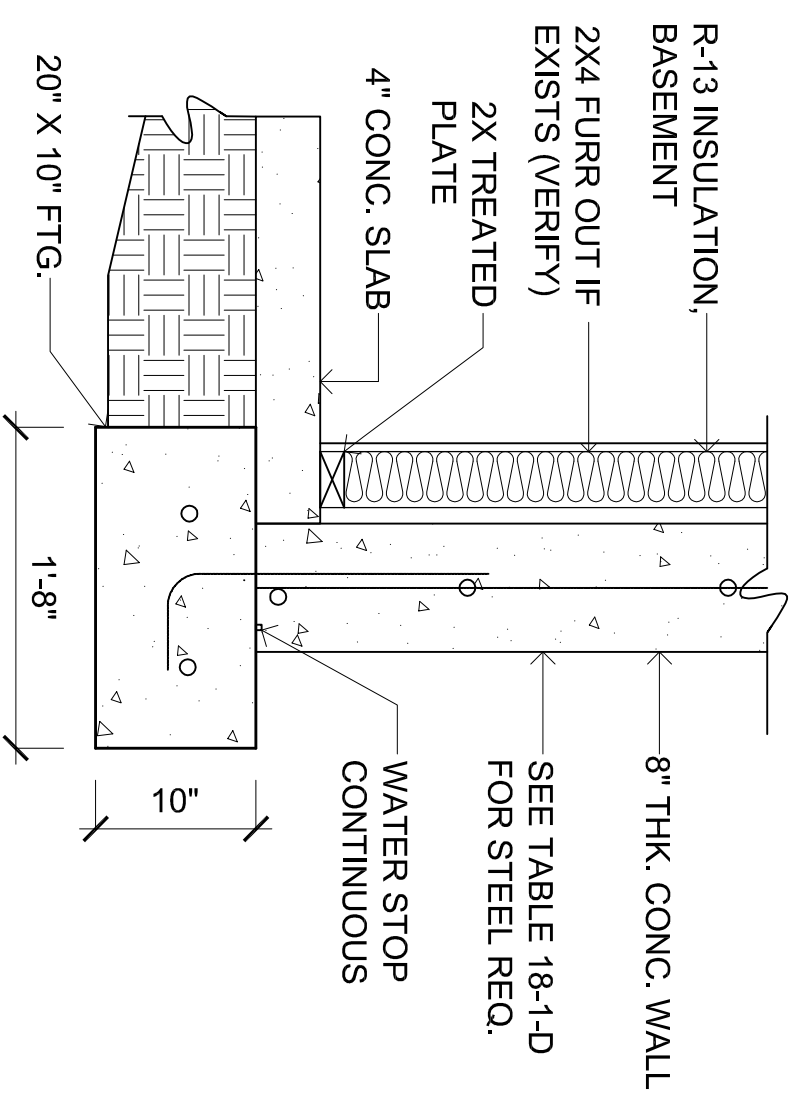
S1.4



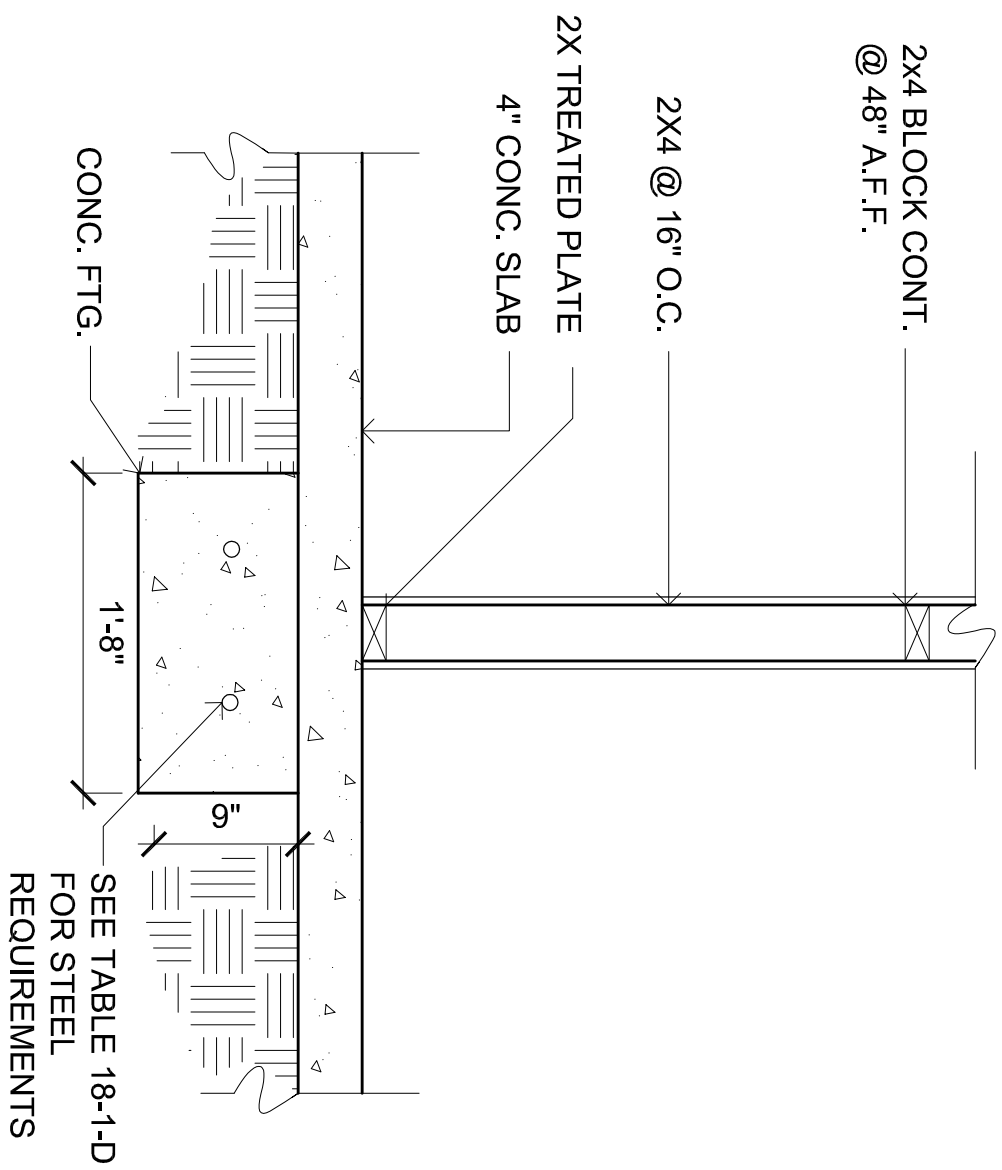
1 WALL TO FOUNDATION (STUCCO)  
3/4" = 1'-0"



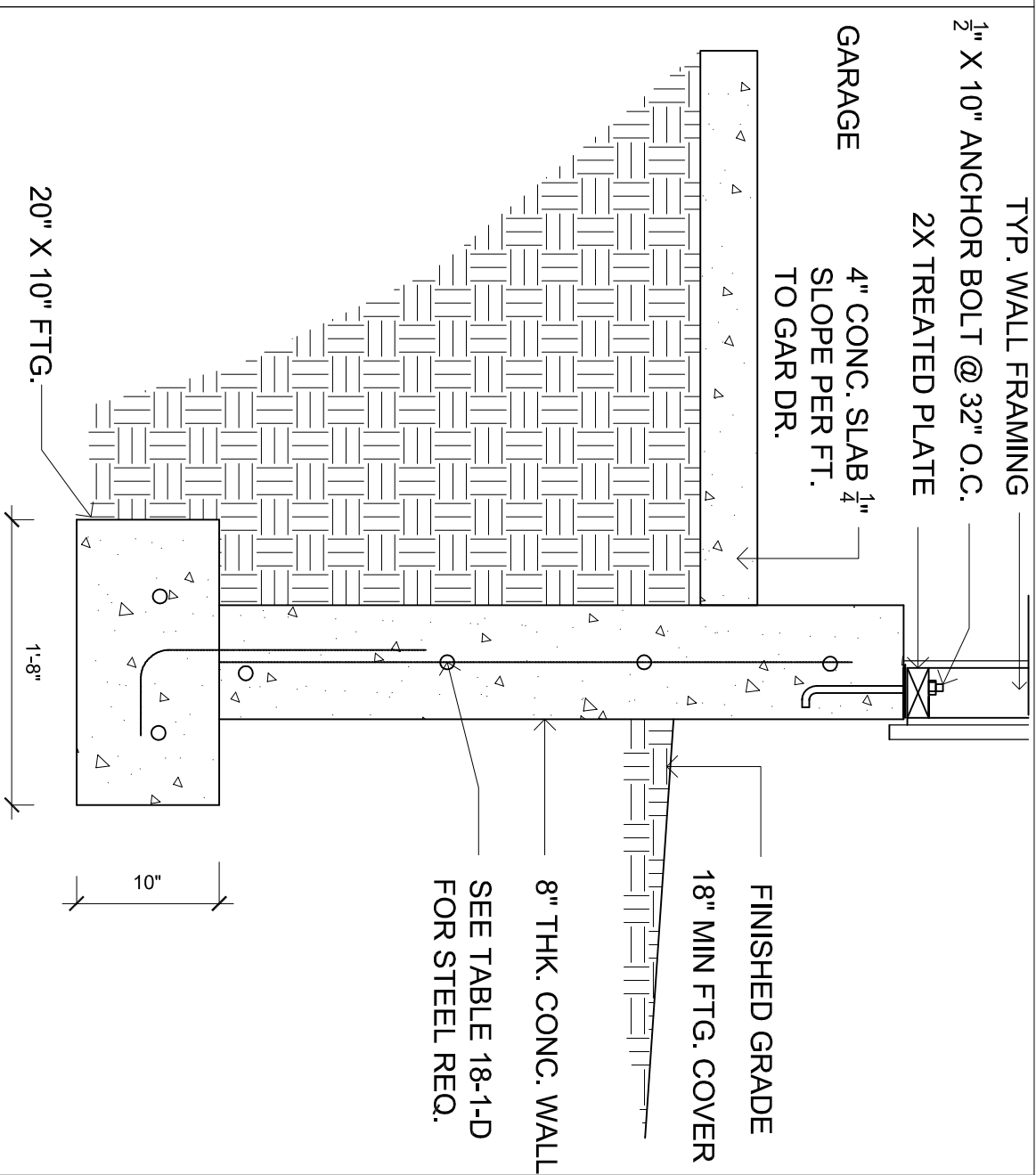
2 WALL TO FOUNDATION (STONE)  
 $\frac{3}{4}" = 1'-0"$



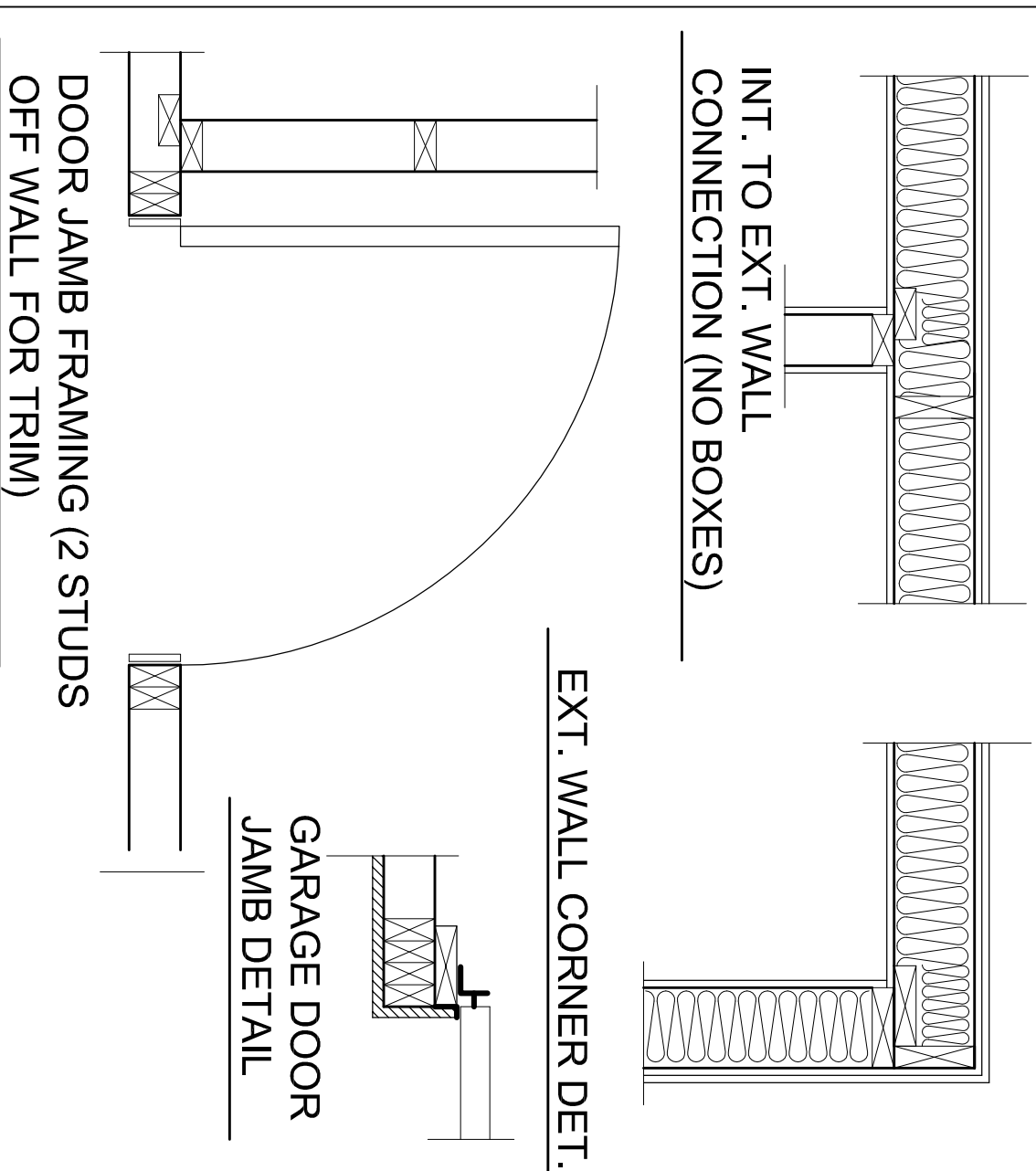
**4 FOOTING AT BASEMENT**  
 $\frac{3}{4}" = 1'-0"$



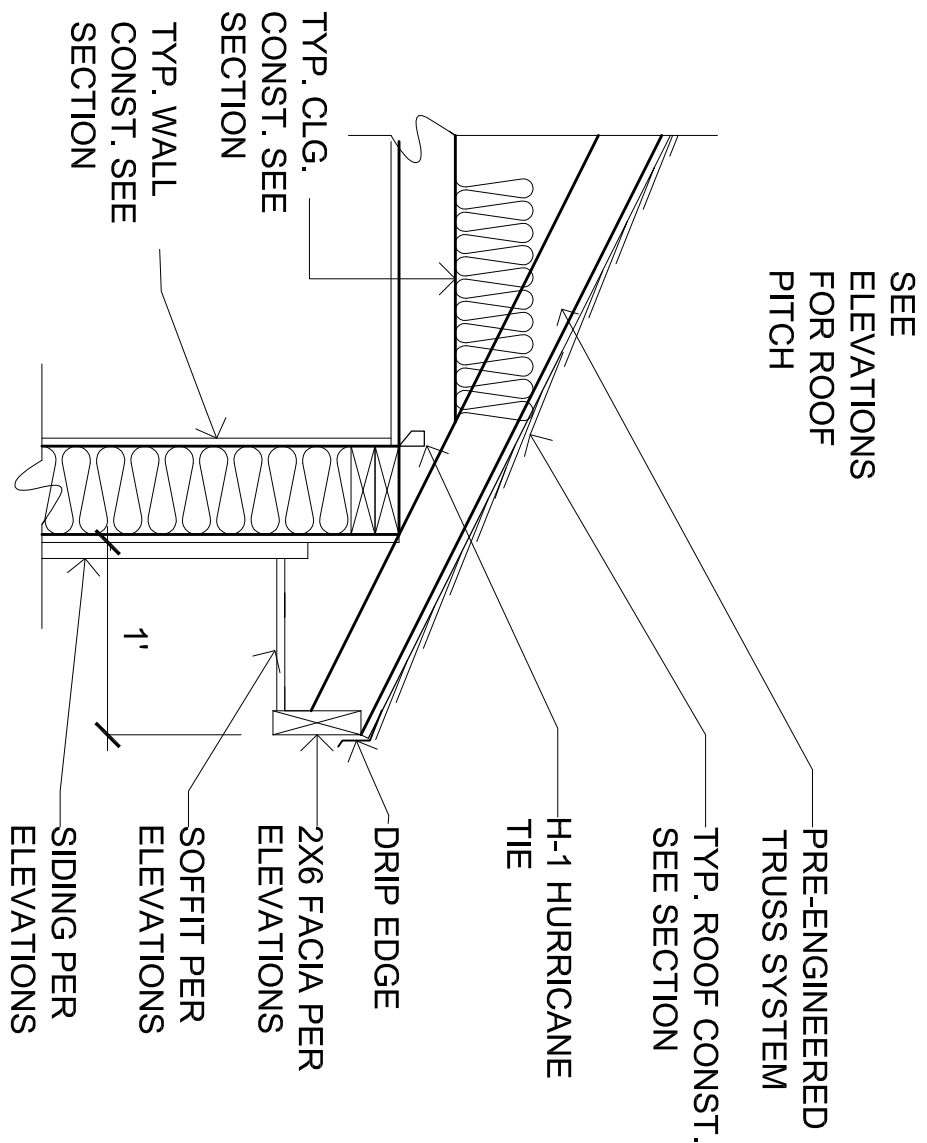
5 INTERIOR BEARING FOOTING  
 $\frac{3}{4}" = 1'-0"$



3 FOOTING AT GARAGE EXTERIOR  
3/4" = 1'-0"

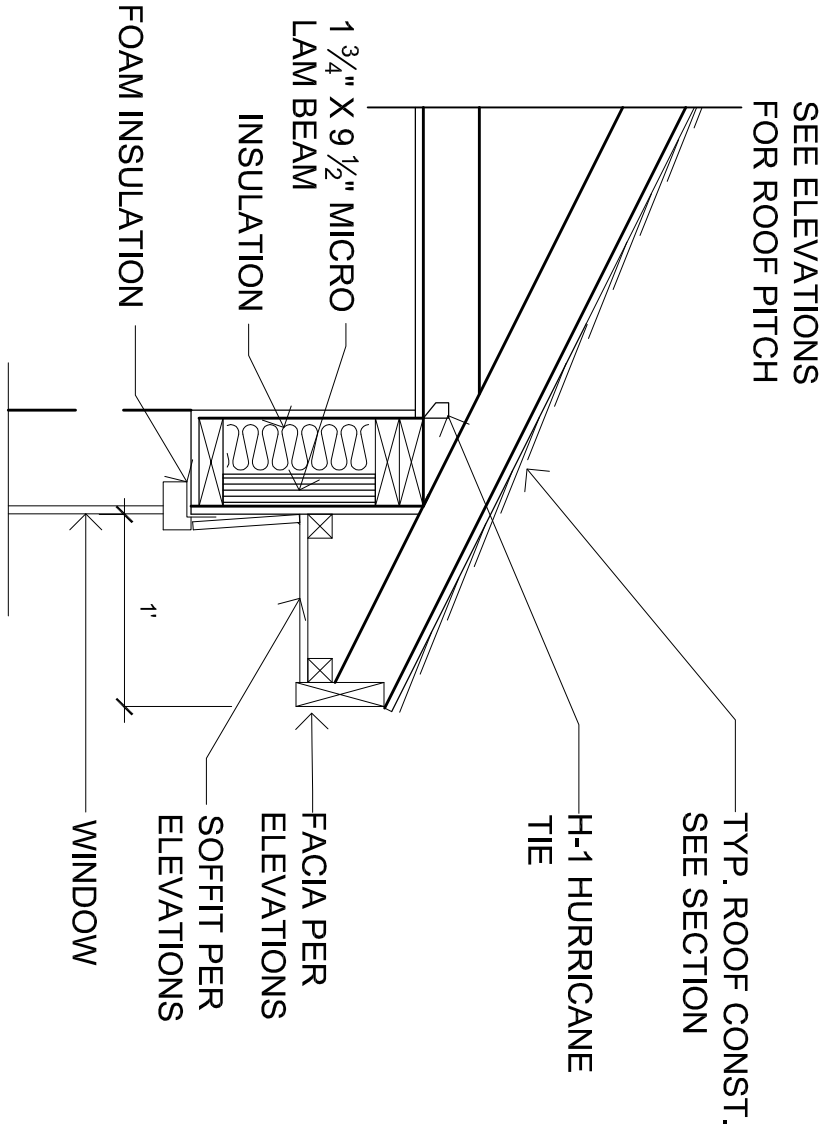


## 6 WALL CONNECTION DETAILS



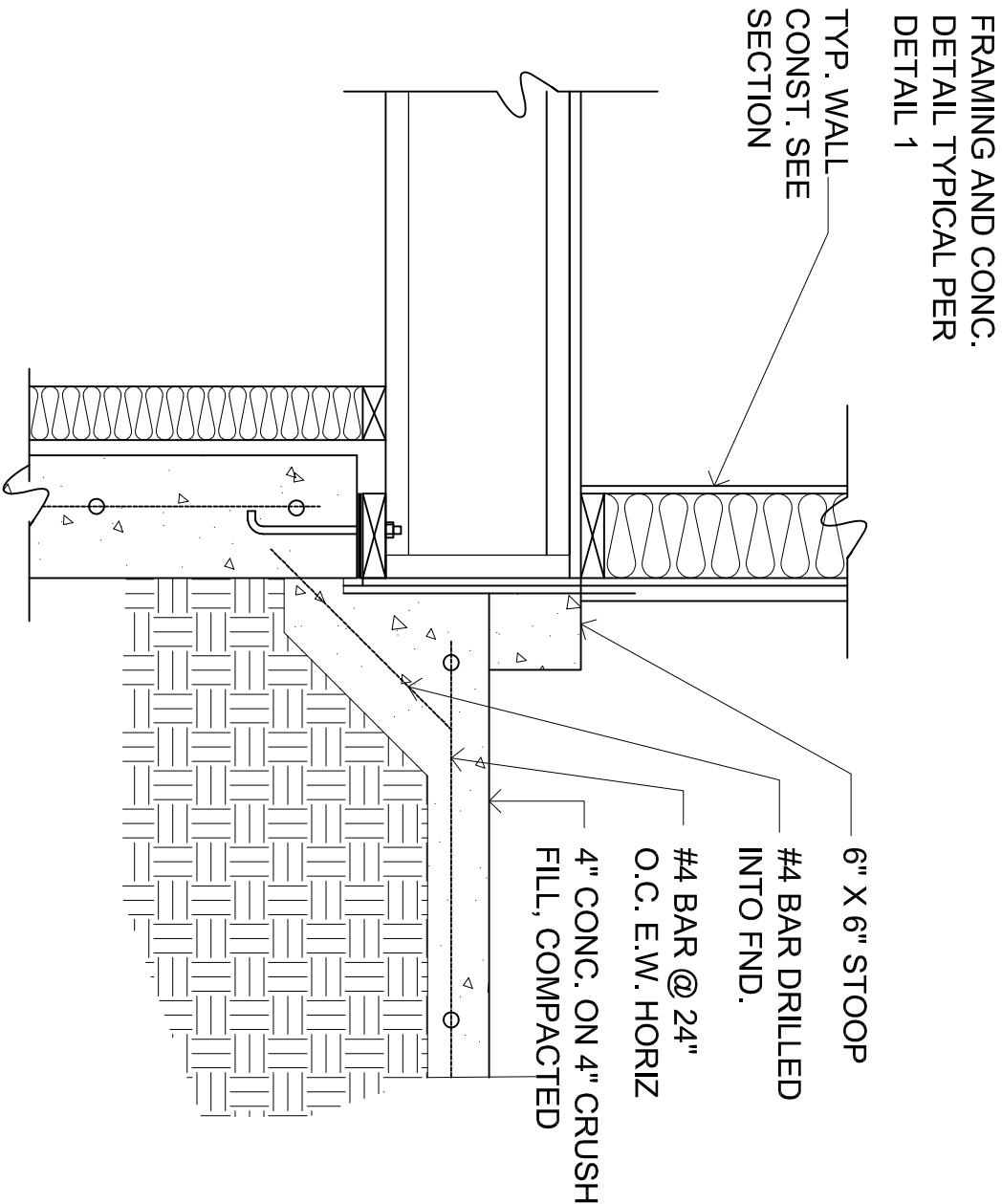
7 TRUSS CONNECTION TO WALL

3/4" = 1'-0"



8 HEADER DET (SUPPORTING ROOF UP TO 40' SPAN. 6' MAX BEAM SPAN)

3/4" = 1'-0"



9 PORCH CONNECTION

3/4" = 1'-0"

NOT USED

10 DETAIL

3/4" = 1'-0"

NOT USED

10 DETAIL

3/4" = 1'-0"

NOT USED

10 DETAIL

3/4" = 1'-0"