

# RESIDENTIAL ADDITION

# **MANGOLDS RESIDENCE**

102 PEABODY DRIVE  
STOW, MA

2020.33

Project Issue Date: December 8, 2020



#### SHEET LIST

ARCHITECTURAL	
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E1.0	BASEMENT ELECTRICAL PLAN
E1.1	FIRST FLOOR ELECTRICAL PLAN

Chemini Design Architects, LLC  
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Tel: 508-429-0717

[www.cheminiarchitects.com](http://www.cheminiarchitects.com)

**CHEMINI DESIGN  
ARCHITECTS**

**T1.0**

Date: DEC 8, 2020

Project No.: 2020.33

Project Name: RESIDENTIAL ADDITION

Project Name: MANGOLDS RESIDENCE

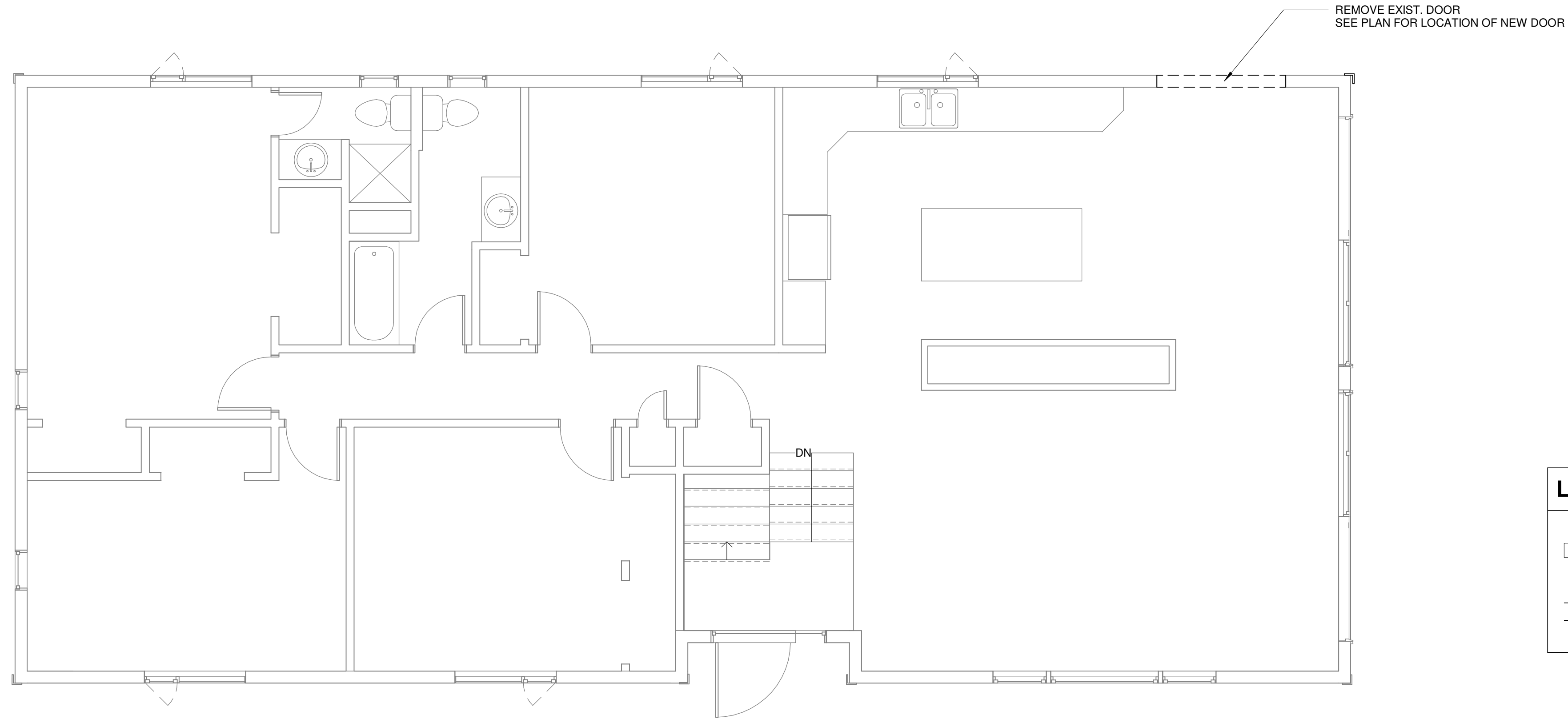
Client Name: MANGOLDS RESIDENCE

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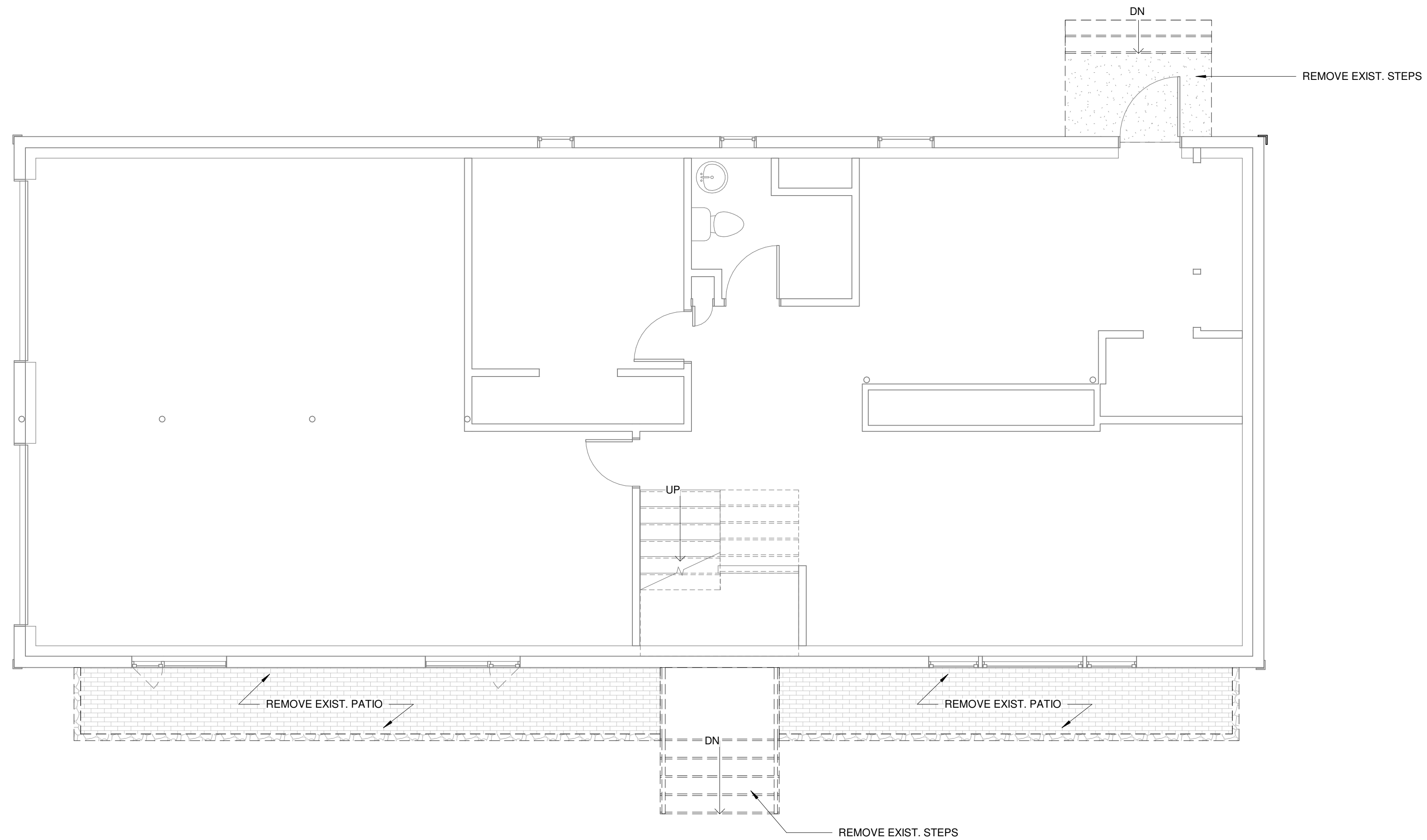


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LEGEND	
	EXIST WALL TO REMAIN
	WALL / COMPONENT TO BE REMOVED

FIRST FLOOR DEMOLITION PLAN  
1/4" = 1'-0"



BASEMENT DEMOLITION PLAN  
1/4" = 1'-0"

REVISIONS

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DEMOLITION PLANS

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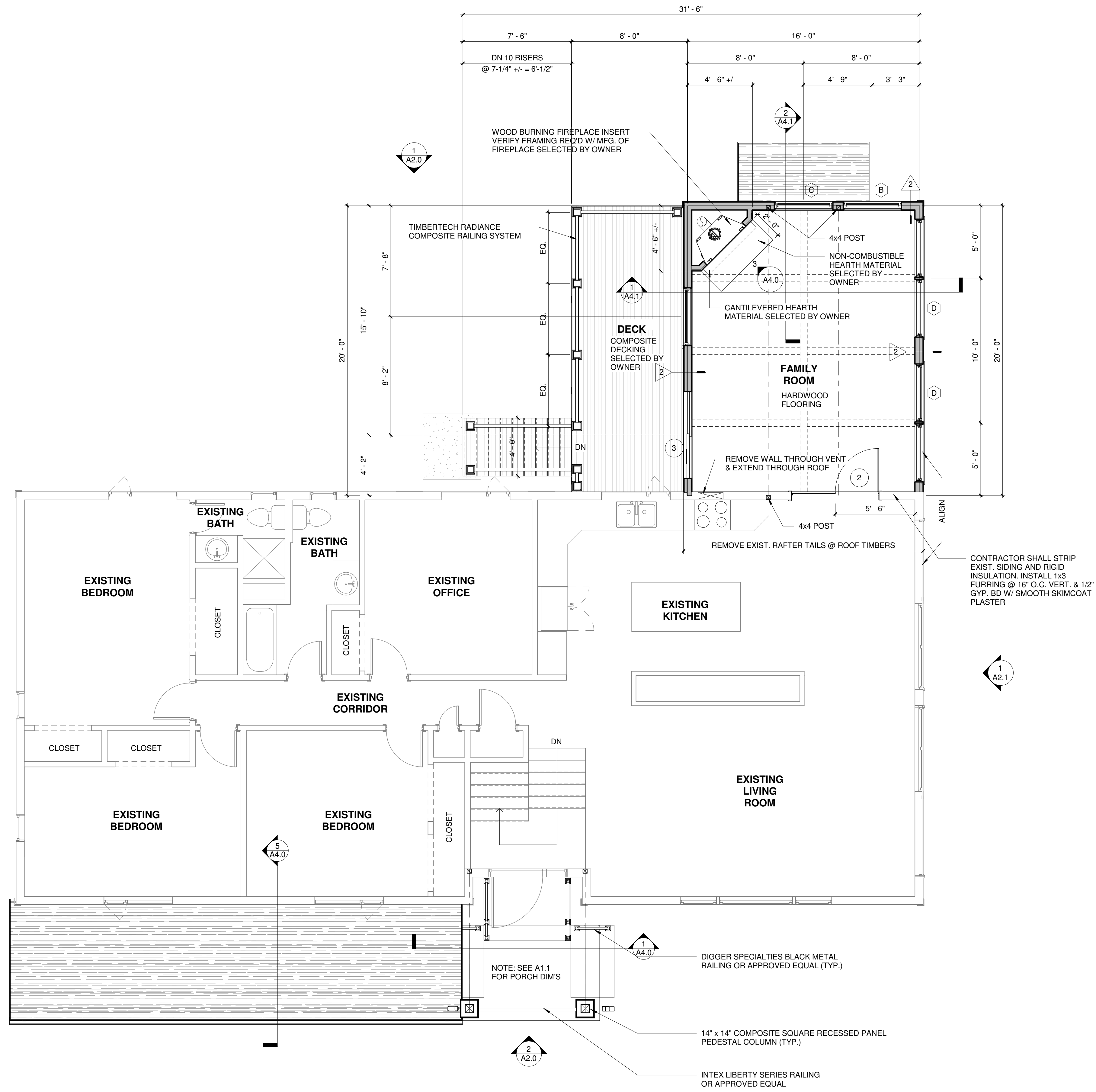
**D1.0**







WALL TYPES	
	EXISTING WALL TO REMAIN
	NEW 10" THK. POURED CONC. FOUNDATION WALL W/ (2) #4 REBAR TOP & BOTTOM
	NEW 2X4 STUD WALL @ 16" O.C. W/ 2" RIGID INSUL. ON EXTERIOR TO MATCH EXIST.
	NEW 2X4 STUD WALL @ 16" O.C.
	NEW 2X4 STUD WALL @ 16" O.C. W/ STONE VENEER
	12" THK CMU FOUNDATION WALL W/ BRICK VENEER. INSTALL BRICK TIES EVERY 3RD COURSE
	18" THK CMU FOUNDATION WALL W/ BRICK VENEER EA. SIDE. INSTALL BRICK TIES EVERY 3RD COURSE



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

REVISIONS

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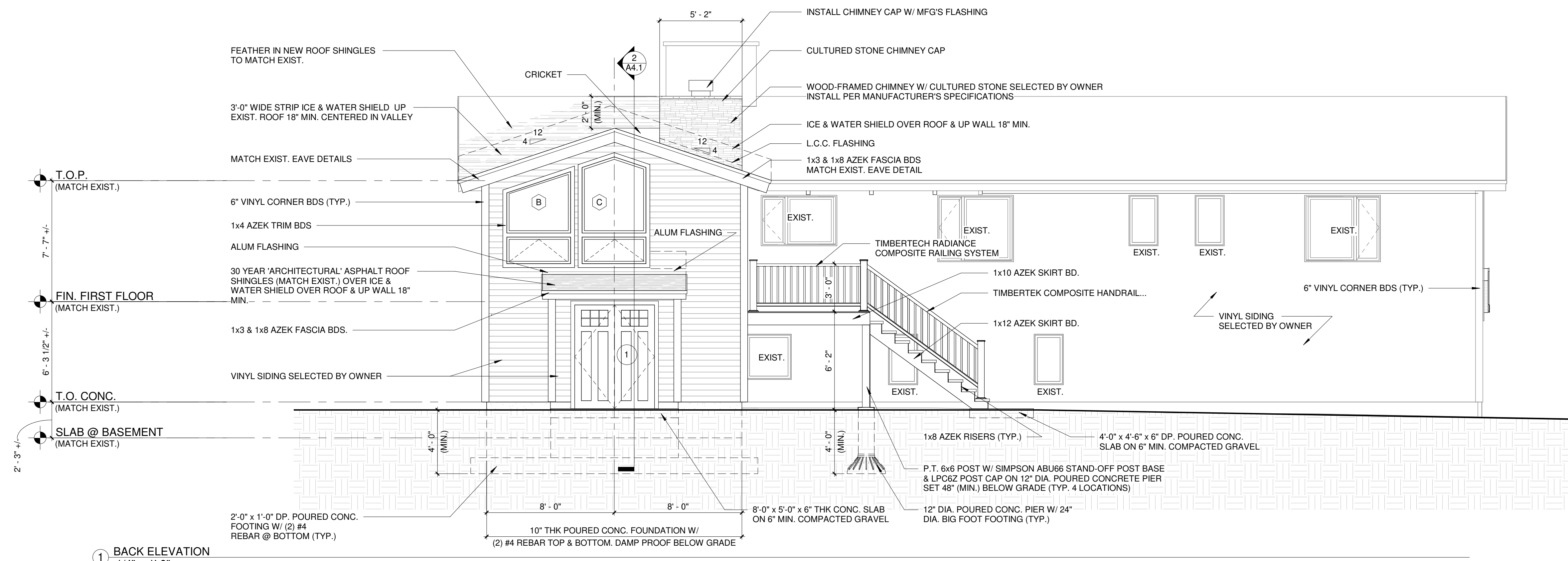
**FIRST FLOOR PLAN**

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# A1.2



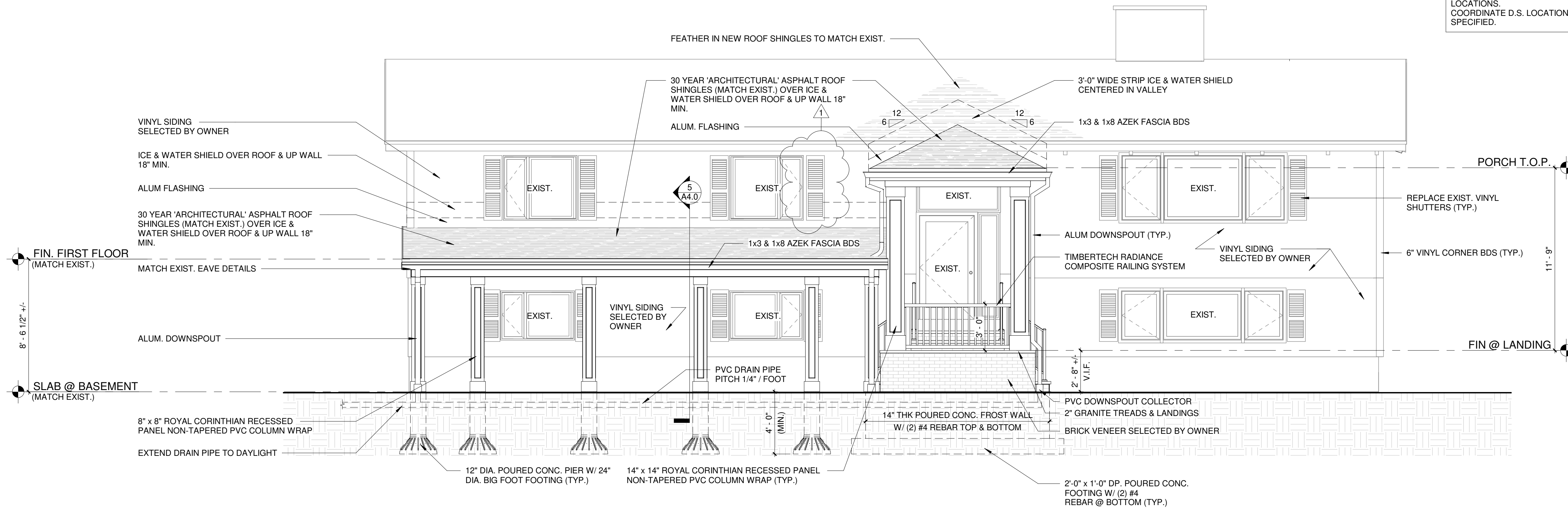
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1 BACK ELEVATION  
1/4" = 1'-0"

NOTE: CONTRACTOR SHALL STRIP EXIST. SIDING FROM HOUSE. RIGID INSULATION SHALL REMAIN. PATCH / REPAIR AS REQ'D

NOTE: CONTRACTOR SHALL SUPPLY ALUM. GUTTERS & DOWNSPOUTS AT ALL EAVE LOCATIONS. COORDINATE D.S. LOCATIONS W/ OWNER UNLESS SPECIFIED.



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

REVISIONS	1	12.9.2020	Revision 1
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EXTERIOR ELEVATIONS

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**A2.0**







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Header Schedule				
SIZE OF HEADER	SUPPORTING ROOF ONLY	ONE STORY ABOVE	TWO STORIES ABOVE	HEADER IN WALLS NOT SUPPORTING FLOORS OR ROOFS
2: 2X4	4	-	-	-
2: 2X6	6	4	-	-
2: 2X8	8	6	-	10
2: 2X10	10	8	6	12
2: 2X12	12	10	8	16

NOTE:  
HEADER SCHEDULE APPLIES UNLESS OTHERWISE NOTED

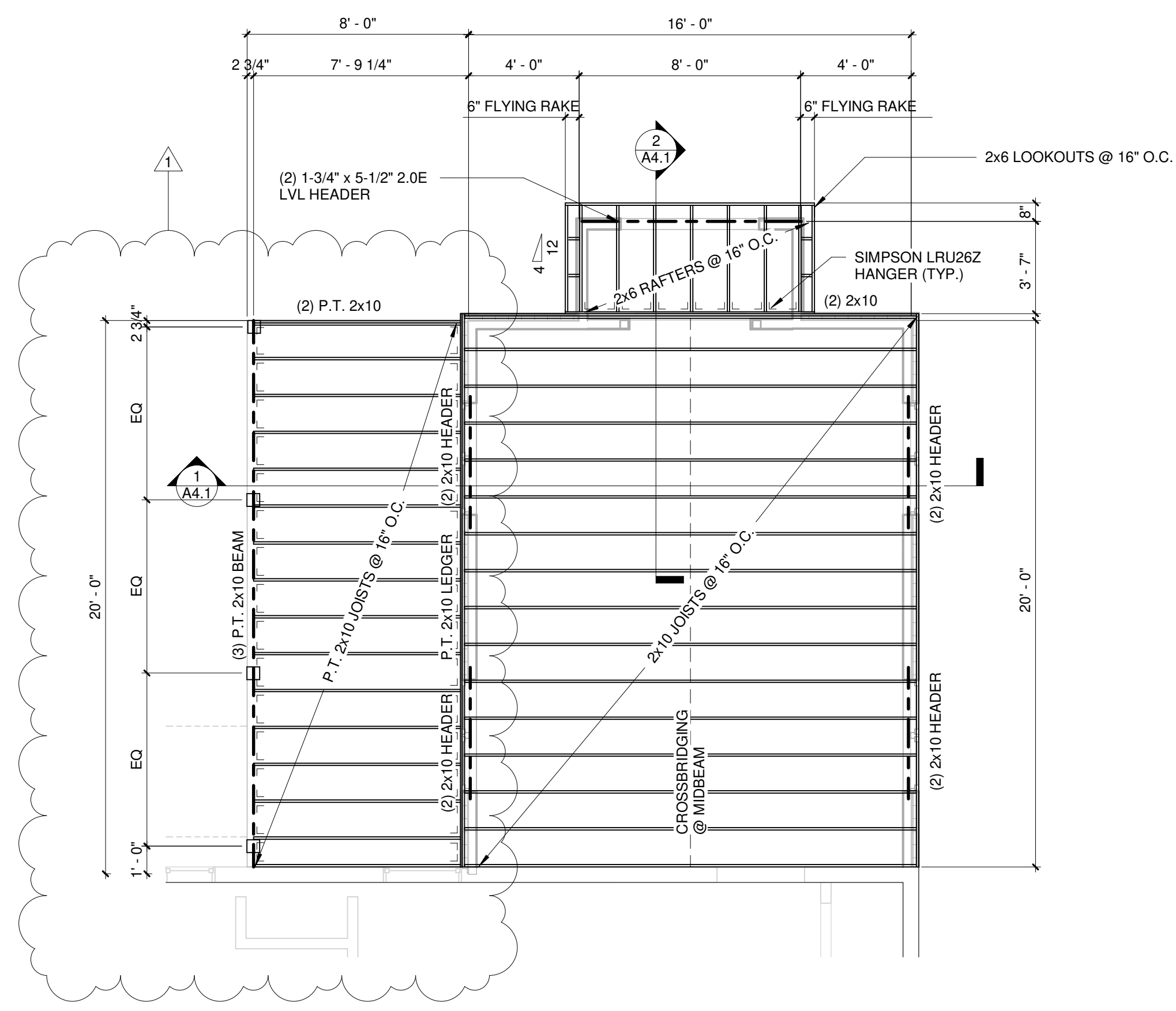
NOTE:  
INSTALL HURRICANE TIES @ ALL RAFTER TAIL LOCATIONS AT TOP PLATE OF WALLS

SPANS ARE BASED ON No. 2 GRADE LUMBER WITH TEN FOOT TRIBUTARY FLOOR AND ROOF LOADS.

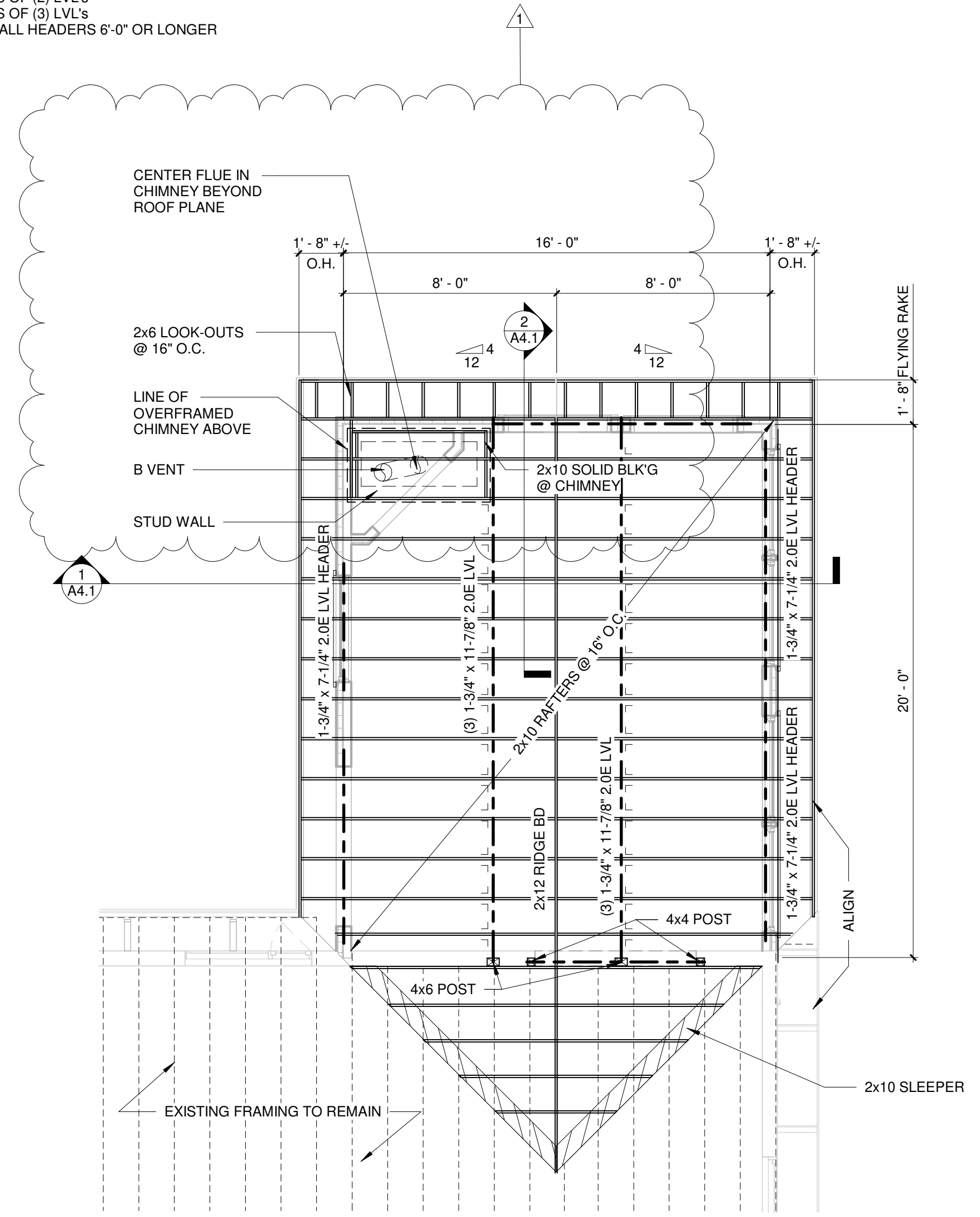
PROVIDE 4 X 4 POSTS @ ENDS OF (2) LVL'S  
PROVIDE 4 X 6 POSTS @ ENDS OF (3) LVL'S  
PROVIDE MIN. 3" BEARING AT ALL HEADERS 6'-0" OR LONGER

NOTES:  
PROVIDE SIMPSON JOIST HANGERS WHERE REQUIRED @ FLUSH BEAMS & LEDGERS. USE CORROSION RESISTANT HANGERS @ EXTERIOR LOCATIONS

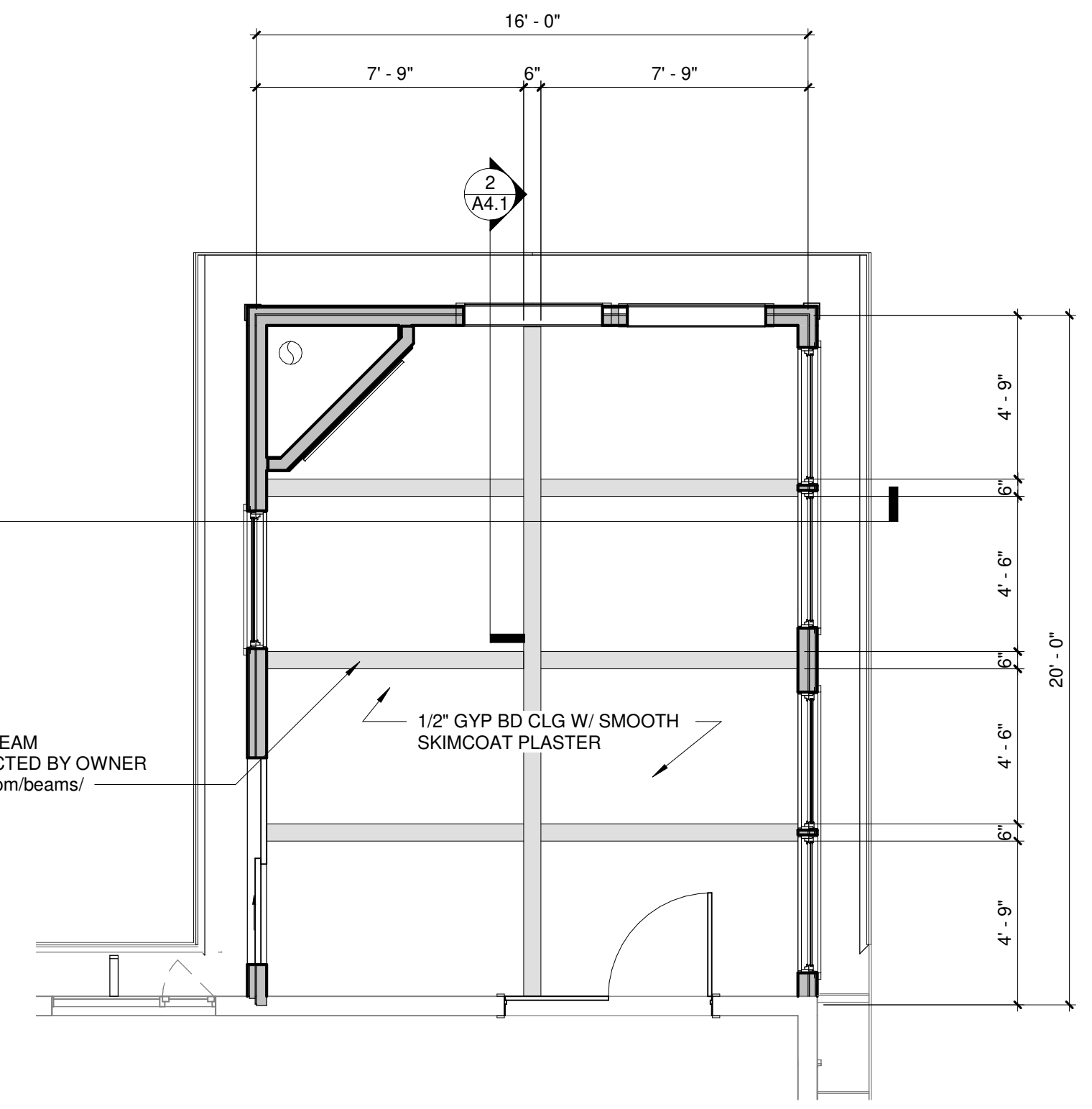
SECURE CONTINUOUS LEDGER TO EXTERIOR WALL W/ (2) ROWS OF SIMPSON SDS 25312 STRONG DRIVE SCREWS @ 16" O.C. STAGGERED (TYP. ALL LEDGER LOCATIONS)



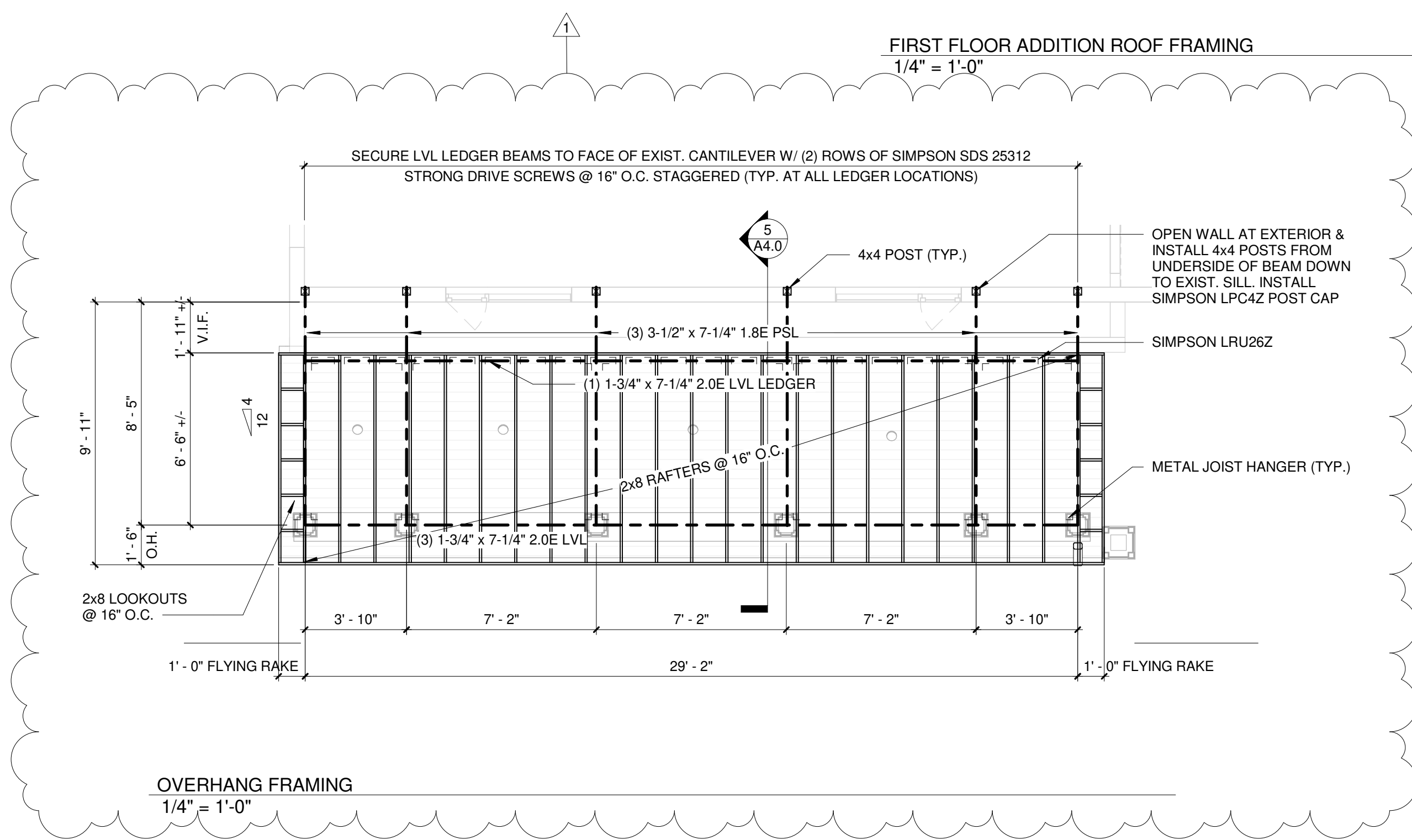
FIRST FLOOR & LOWER SHED ROOF FRAMING PLANS  
1/4" = 1'-0"



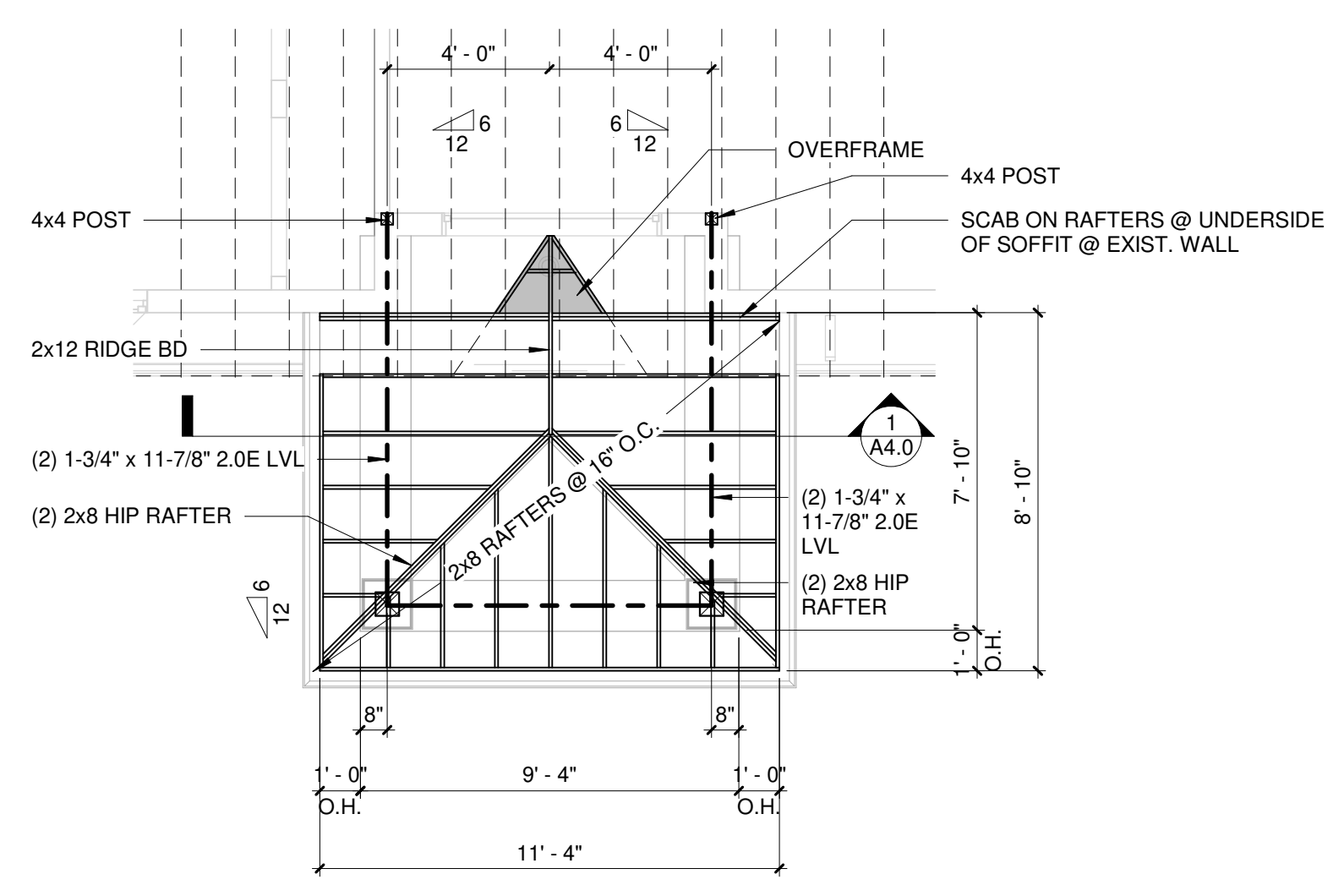
FIRST FLOOR ADDITION ROOF FRAMING  
1/4" = 1'-0"



FIRST FLOOR ADDITION RCP CEILING TRIM  
1/4" = 1'-0"



OVERHANG FRAMING  
1/4" = 1'-0"



PORCH ROOF FRAMING  
1/4" = 1'-0"

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1	12.9.2020	Revision 1

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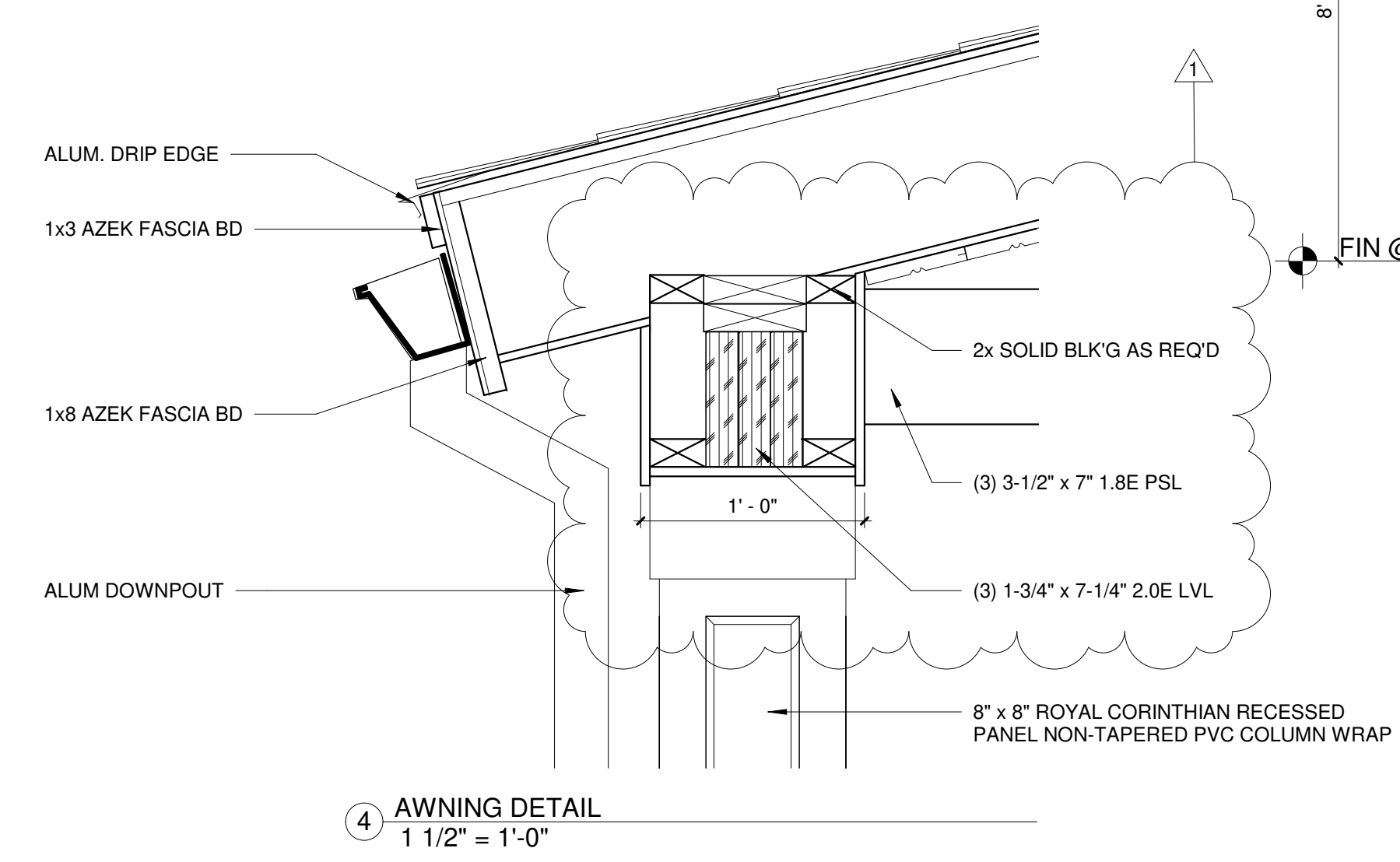
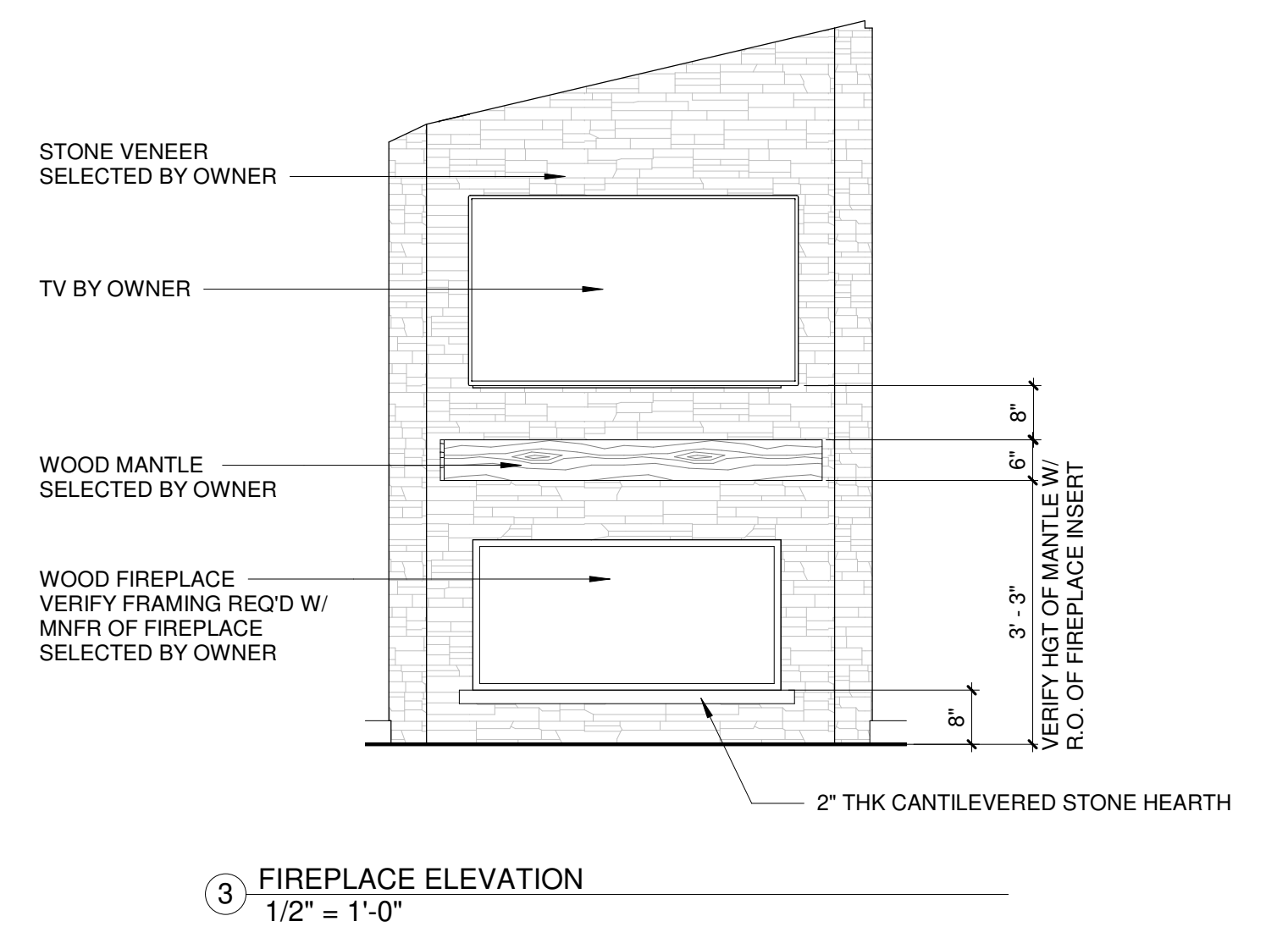
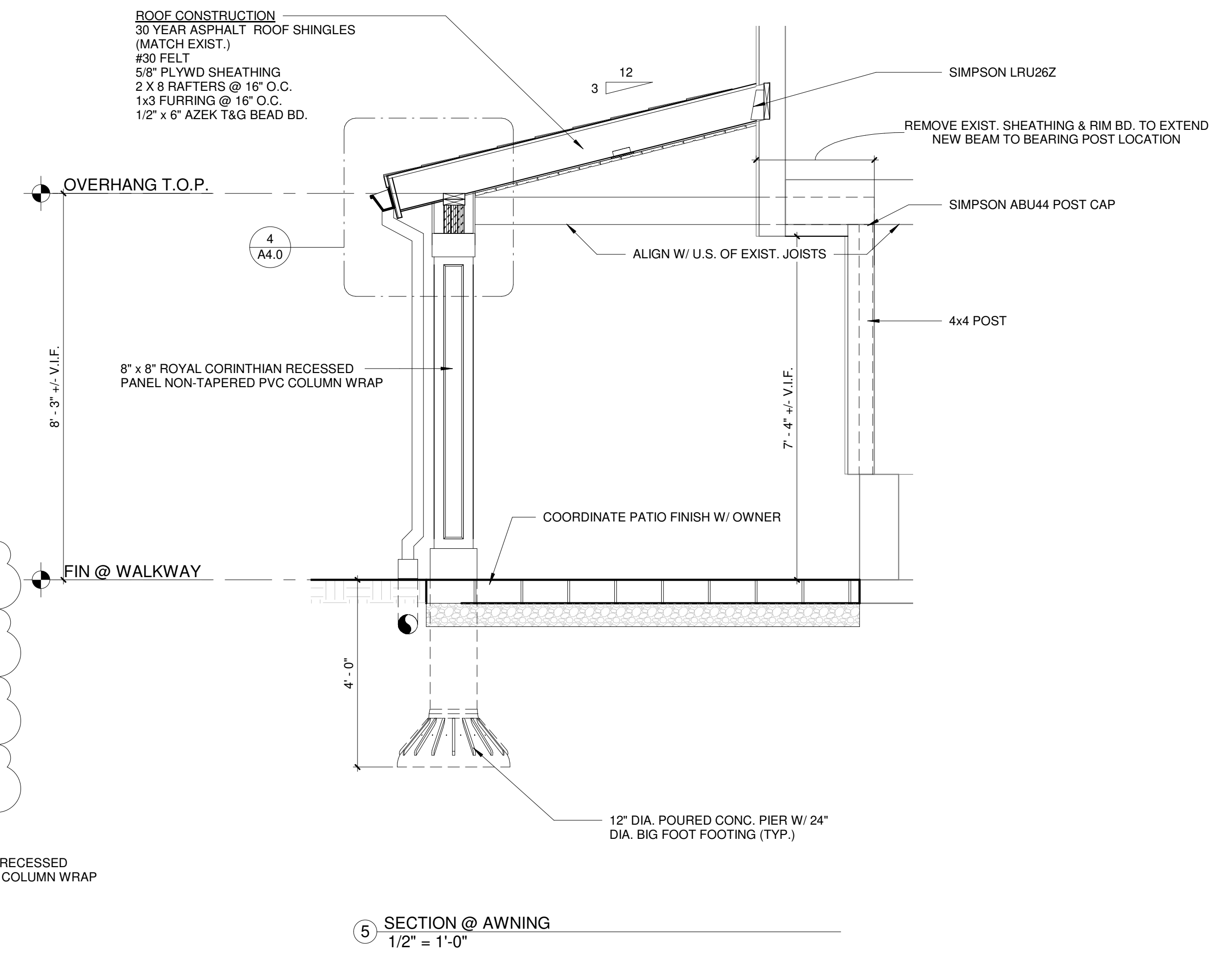
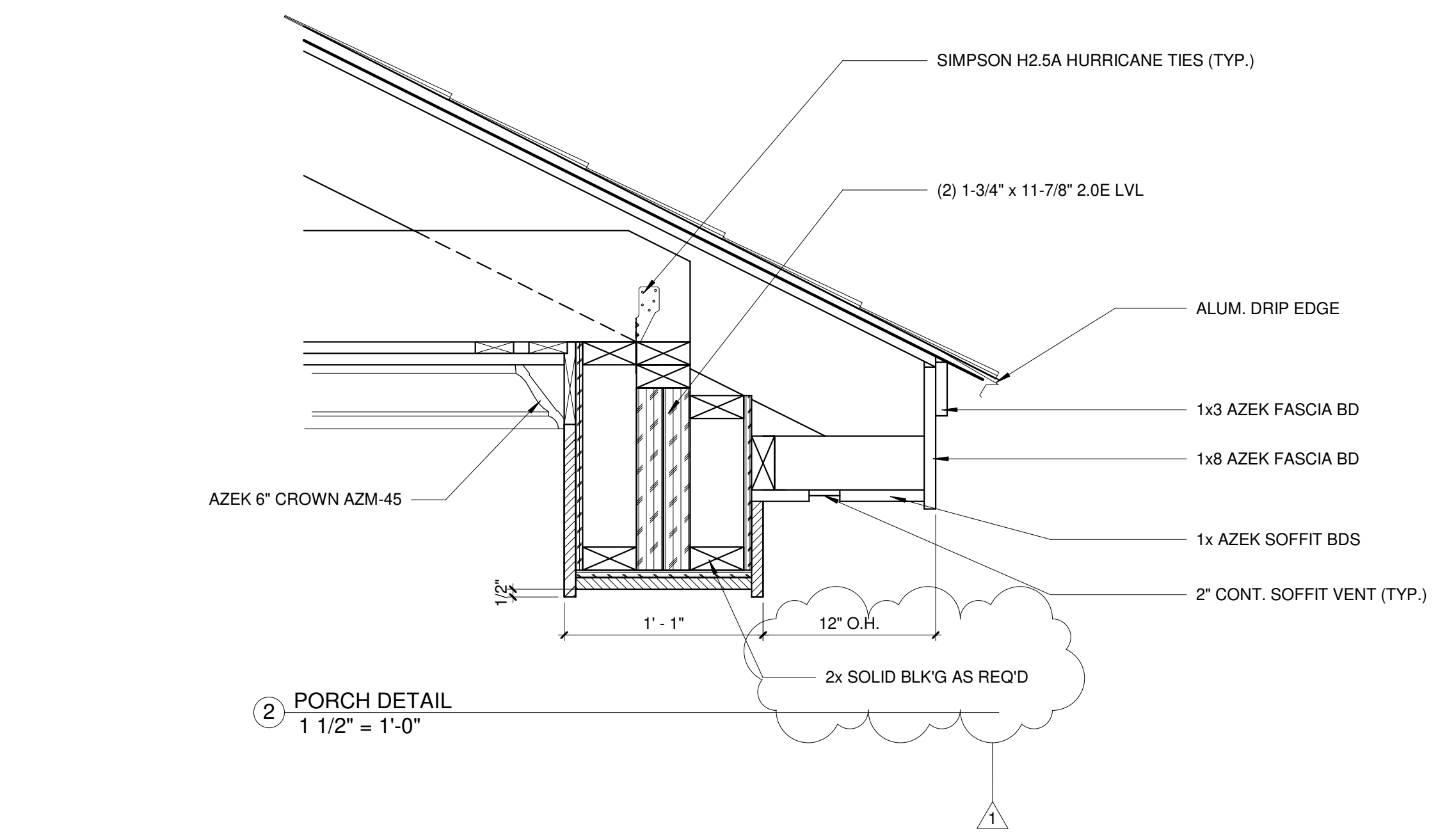
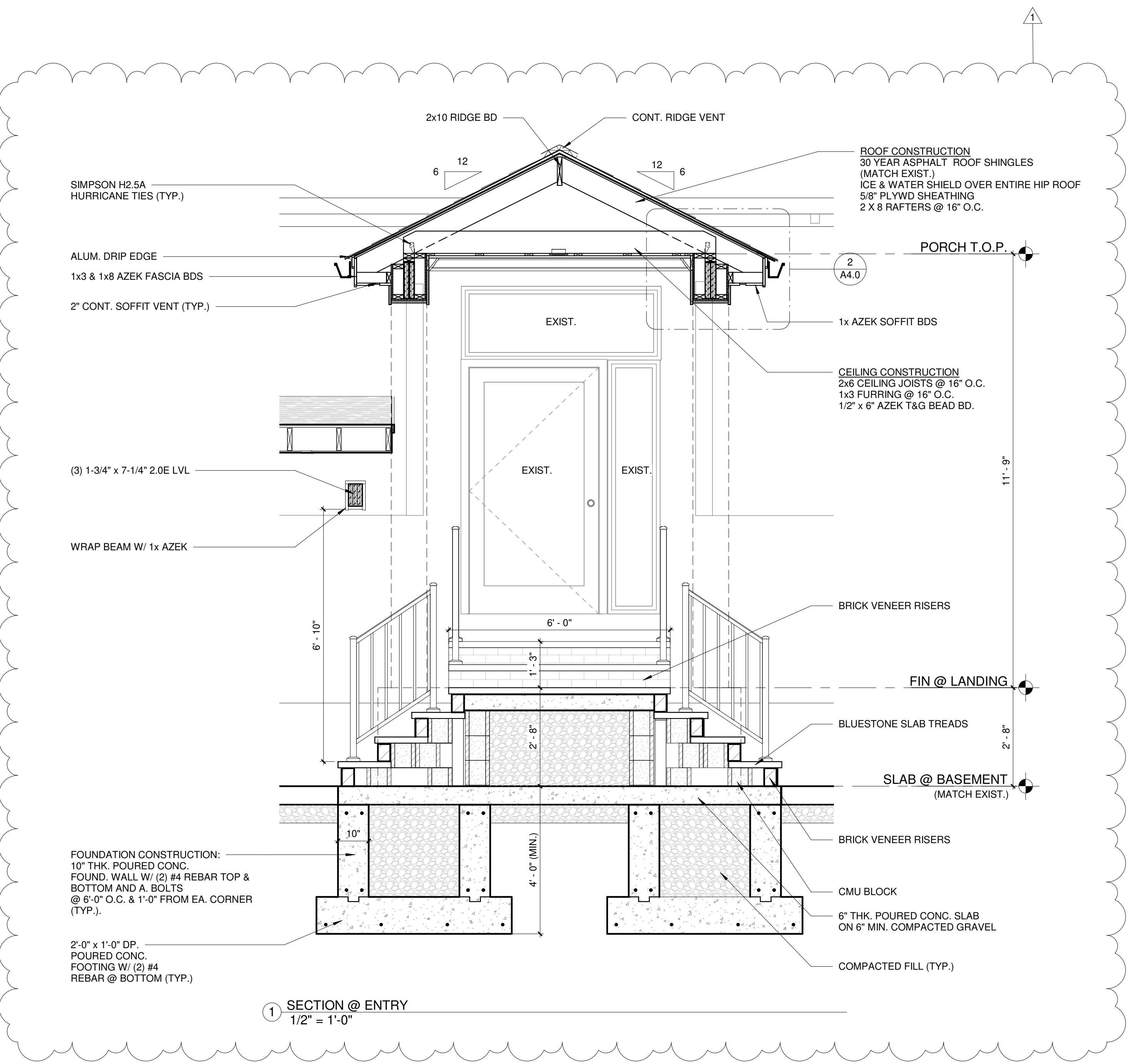
**A3.0**



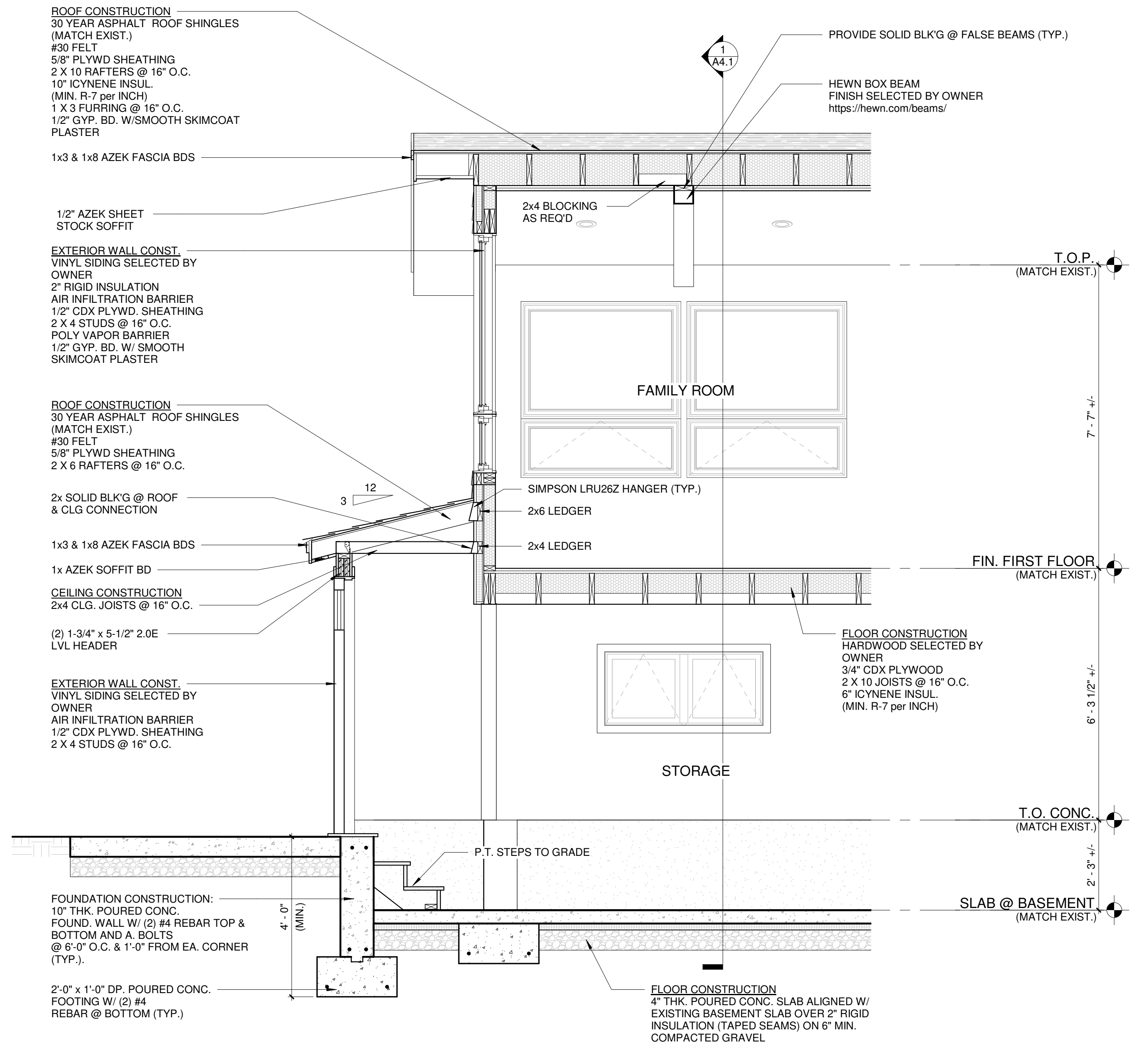
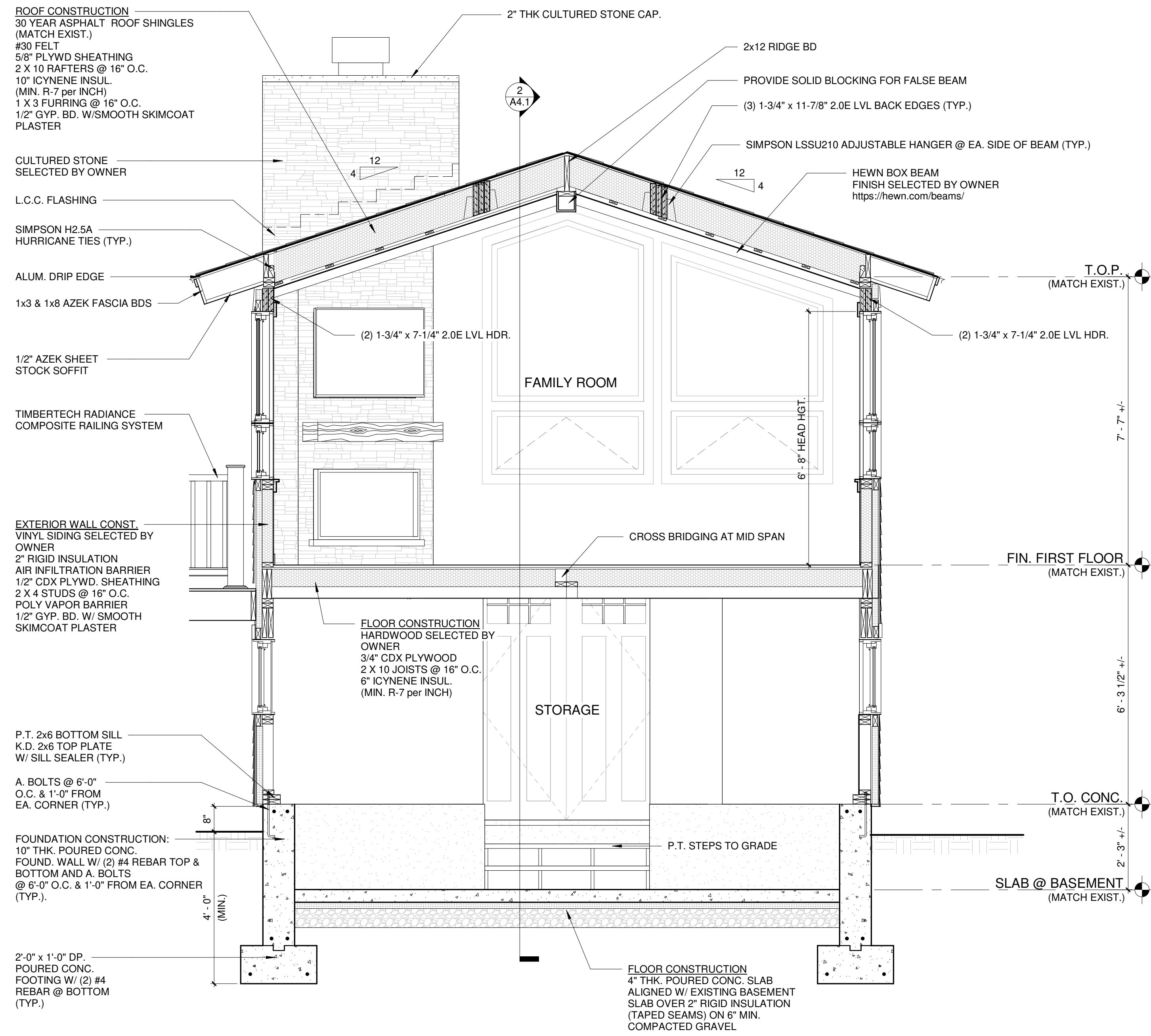
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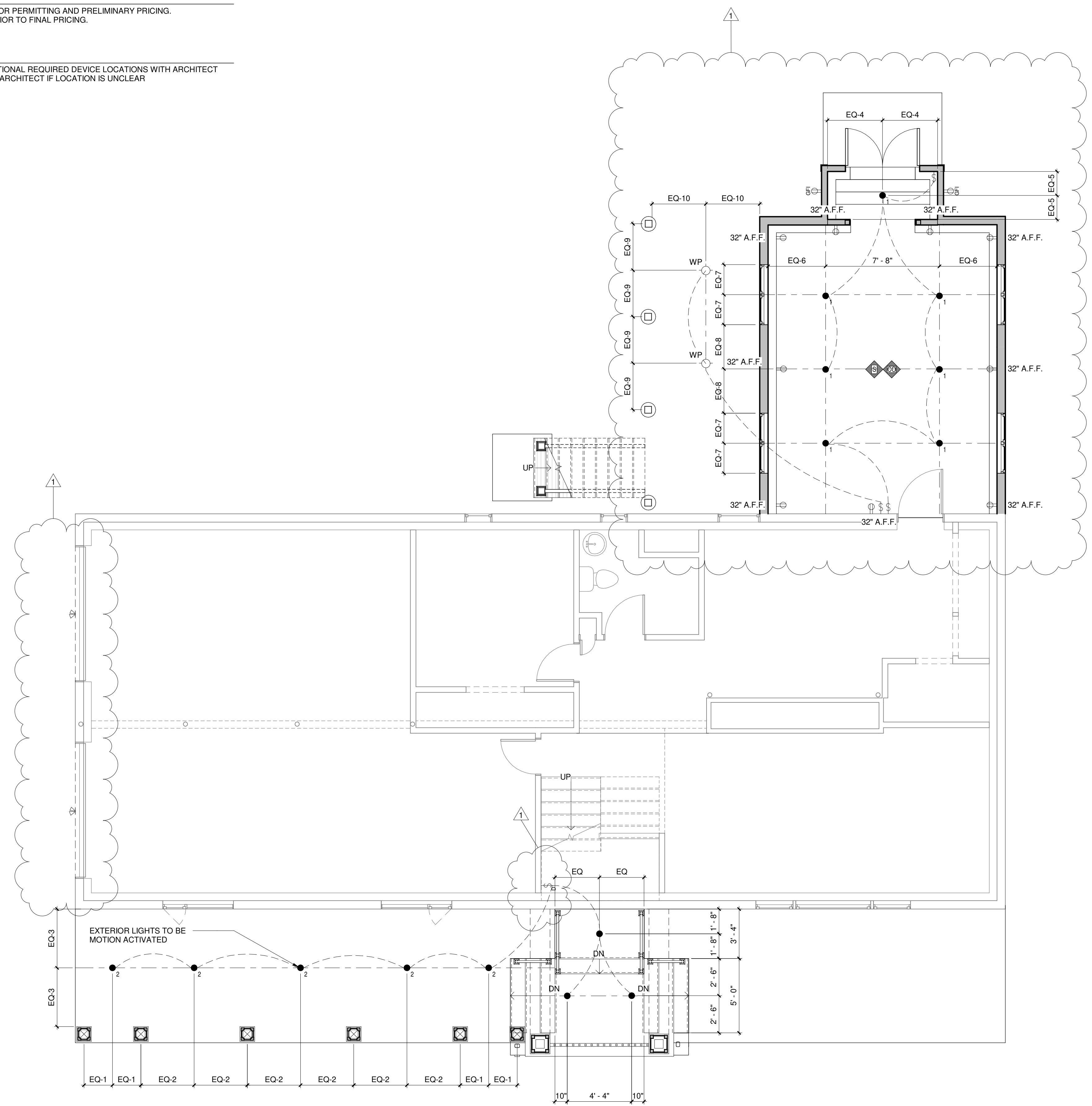
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**ELECTRICAL LEGEND**

SYMBOL	DESCRIPTION
●	RECESSED LIGHT FIXTURE
●	WATERPROOF RECESSED LIGHT FIXTURE
⊕	WALL-MOUNTED LIGHT FIXTURE
⊕	FLOOD LIGHT FIXTURE
⊕	WATERPROOF LIGHT FIXTURE W/ PROTECTIVE CAGE
⊕	COMPUTER/TELEVISION CONNECTION
⊕	SWITCH
⊕	DIMMER SWITCH
⊕	DUPLEX OUTLET
⊕	GROUND FAULT INTERRUPT OUTLET
⊕	FLOOR OUTLET - RECESSED
⊕	SMOKE DETECTOR
⊕	CARBON MONOXIDE DETECTOR
⊕	CEILING FAN

**ELECTRICAL SCOPE:**  
 ELECTRICAL PLANS PROVIDE A BASIC SCOPE REQUIREMENTS FOR PERMITTING AND PRELIMINARY PRICING.  
 FINAL ELECTRICAL SCOPE TO BE REVIEWED WITH A CLIENT PRIOR TO FINAL PRICING.

**GENERAL NOTES:**  
 1. PROVIDE ELECTRICAL DEVICES PER CODE. CONFIRM ADDITIONAL REQUIRED DEVICE LOCATIONS WITH ARCHITECT  
 2. CENTER OUTLETS AS INDICATED ON PLANS. CONFIRM WITH ARCHITECT IF LOCATION IS UNCLEAR



**BASEMENT ELECTRICAL PLAN**  
 1/4" = 1'-0"

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**E1.0**

**ELECTRICAL LEGEND**

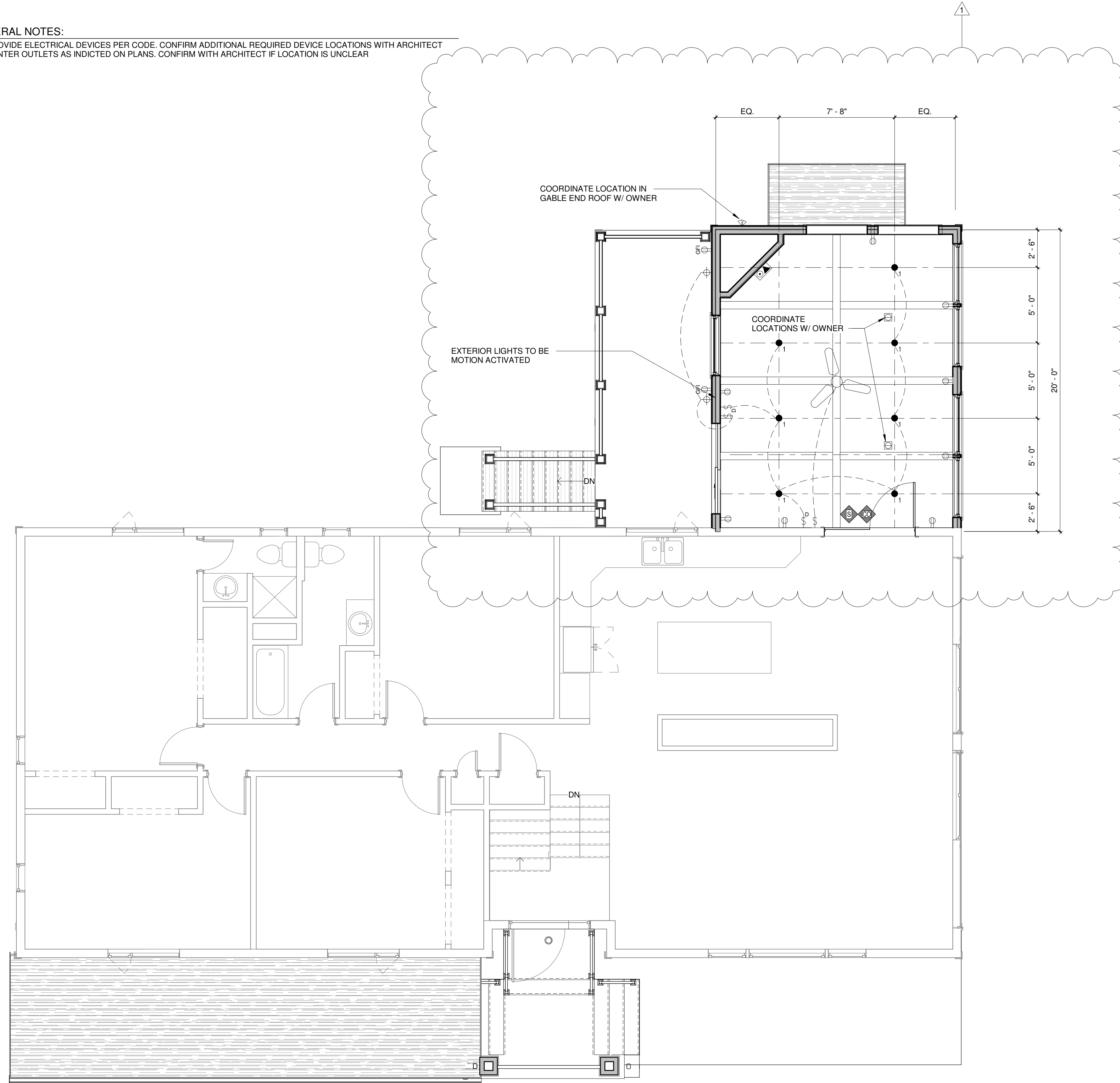
SYMBOL	DESCRIPTION
● <sub>1</sub>	RECESSED LIGHT FIXTURE
● <sub>2</sub>	WATERPROOF RECESSED LIGHT FIXTURE
⊕	WALL-MOUNTED LIGHT FIXTURE
☃	FLOOD LIGHT FIXTURE
⊙	WATERPROOF LIGHT FIXTURE W/ PROTECTIVE CAGE
⊙▲	COMPUTER/TELEVISION CONNECTION
Ⓢ	SWITCH
Ⓢ <sup>D</sup>	DIMMER SWITCH
Ⓢ	DUPLEX OUTLET
Ⓢ <sup>GFI</sup>	GROUND FAULT INTERRUPT OUTLET
Ⓢ	FLOOR OUTLET - RECESSED
Ⓢ	SMOKE DETECTOR
Ⓢ	CARBON MONOXIDE DETECTOR
☃	CEILING FAN

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