

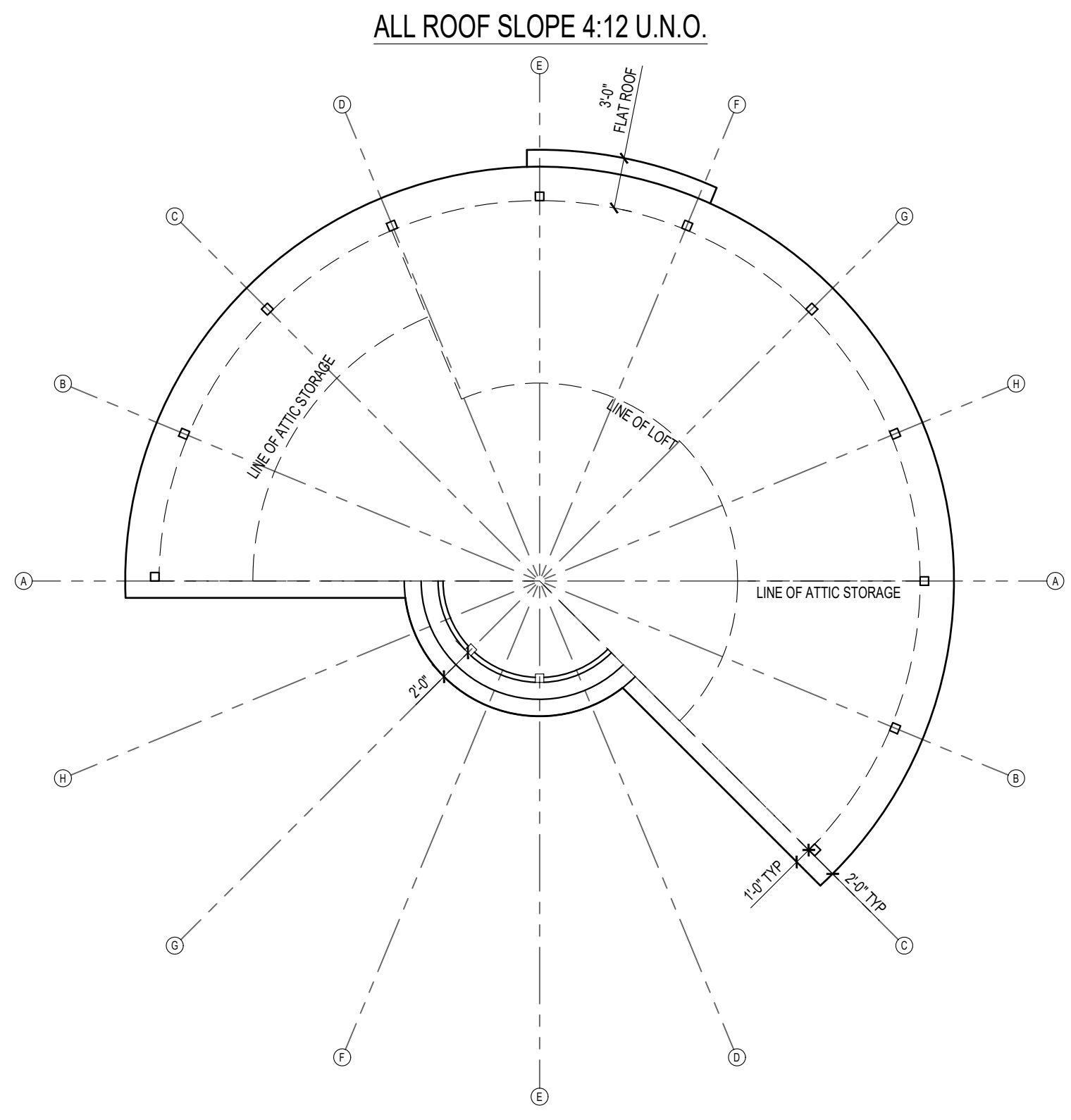
SITE PLAN - SQ.FT.
SCALE: 1/8" = 1'-0"

ZONING ANALYSIS REVIEW		
LEGAL DESCRIPTION:	PLAN NWP2677	
ZONING BYLAW:	R-4	
CIVIC ADDRESS:	9053 SHOOK RD. MISSION, B.C.	
SETBACKS:	REQ'D	PROPOSED
FRONT:	6.0 m	N/A
REAR:	6.0 m	N/A
SIDE (exterior - left):	6.0 m	N/A
SIDE (interior - right):	1.5 m	N/A
FLANKING (arterial):	N/A	N/A
LOT COVERAGE:	30% MAX.	N/A
BUILDING AREA:	795 SQ.FT. (EXISTING)	286 SQ.FT. (ADDITION)
LOT AREA:	N/A	
BUILDING HEIGHTS:	11.0 m	6.66 m

□ PROPOSED FINISHED GRADE (M)
○ EXISTING GRADE (M)

NOTE:
BUILDER AND/OR OWNER IS TO VERIFY ALL ON SITE CONDITIONS, DIMENSIONS AND STRUCTURE PRIOR TO CONSTRUCTION. 4TH DIMENSION DESIGN & DRAFTING SERVICES DOES NOT ACCEPT ANY RESPONSIBILITY FOR DISCREPANCIES BETWEEN THESE DRAWINGS AND ON SITE CONDITIONS.

REV.	DATE	DESCRIPTION



ROOF PLAN
SCALE: 1/8" = 1'-0"

PROJECT TITLE:
**32-9053 SHOOK RD.
MISSION, BC**



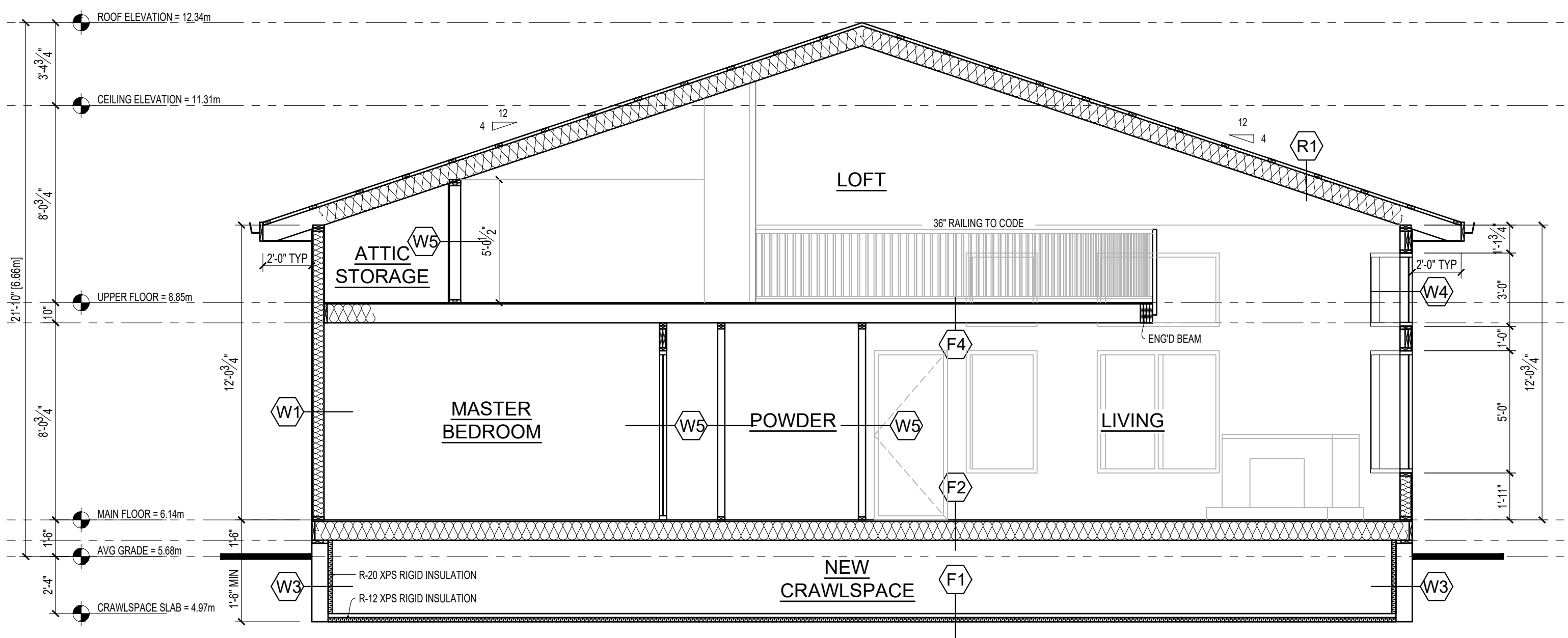
4TH DIMENSION DESIGN + DRAFTING
3-33192 1ST AVE. MISSION, BC, V2V 1G4
P.604.567.9465 C.604.832.8811
www.4thdimension.com info@4thdimension.com

CLIENT:
**STELLINGWERF
RESIDENCE**

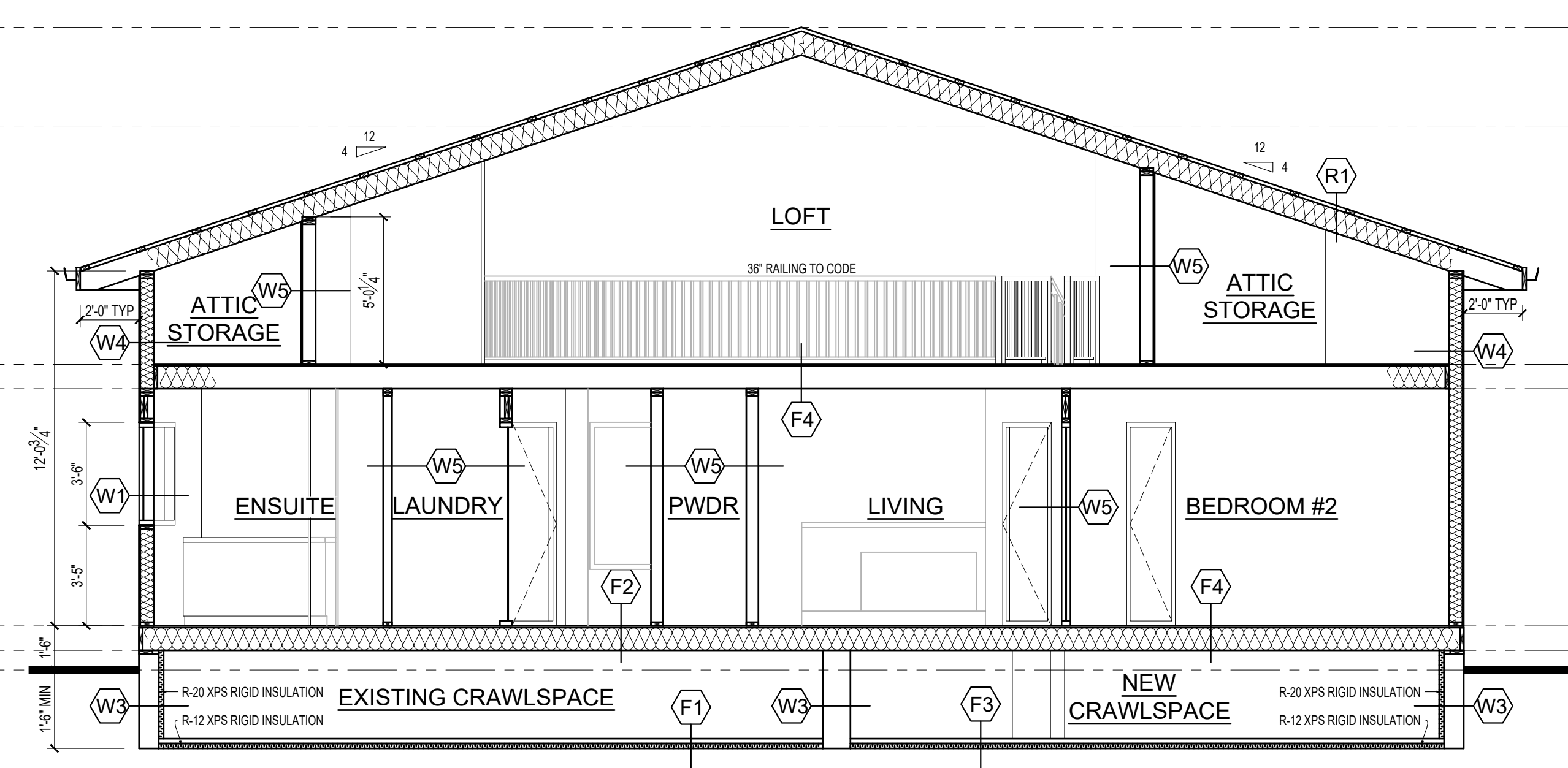
SHEET TITLE:
**SITE PLAN
ZONING ANALYSIS REVIEW
ROOF PLAN**

PAGE No:
1
OF 6

DATE:
01-28-2025
PROJECT:
RA-24-86
DESIGNED/CHECKED:
JM
DRAWN:
MS

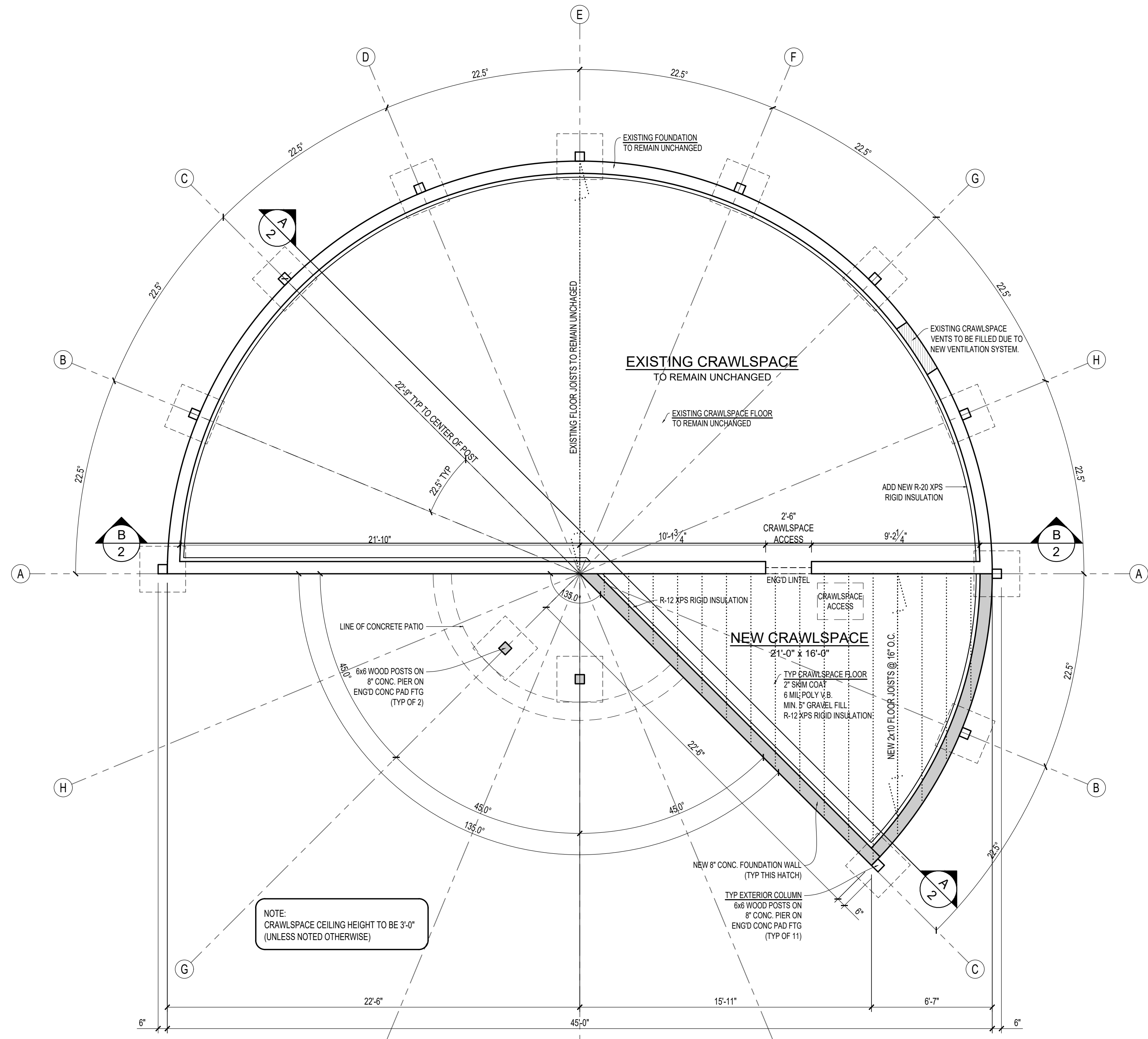


SECTION B
SCALE: 1/4" = 1'-0"



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

NOTE: BUILDER AND/OR OWNER IS TO VERIFY ALL ON SITE CONDITIONS, DIMENSIONS AND STRUCTURE PRIOR TO CONSTRUCTION. 4TH DIMENSION DESIGN & DRAFTING SERVICES DOES NOT ACCEPT ANY RESPONSIBILITY FOR DISCREPANCIES BETWEEN THESE DRAWINGS AND ON SITE CONDITIONS.



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

SPECIFICATIONS

- | WALL ASSEMBLIES | FLOOR ASSEMBLIES | ROOF ASSEMBLIES |
|--|---|---|
| (W1) EXISTING EXTERIOR WALL TO REMAIN UNCHANGED | (F1) EXISTING CRAWLSPACE FLOOR TO REMAIN UNCHANGED | (R1) NEW RAFTER ROOF
ASPHALT SHINGLE ROOFING
15 LBS. BUILDING PAPER
1/2" PLYWOOD SHEATHING
2x4 STRAPPING @ 24" O.C. FOR X-VENT
2x12 RAFTERS @ 22.5" O.C.
R32 BATT INSULATION
6 MIL POLY V.B.
5/8" GYPCROC |
| (W2) EXISTING INTERIOR WALL TO REMAIN UNCHANGED | (F2) EXISTING WOOD FLOOR TO REMAIN UNCHANGED | |
| (W3) EXISTING FOUNDATION WALL TO REMAIN UNCHANGED | (F3) NEW CRAWLSPACE FLOOR
2" SKIM COAT
6 MIL POLY V.B.
MIN. 5" GRAVEL BASE
R-12 XPS RIGID INSULATION | |
| (W4) NEW EXTERIOR WALL
EXTERIOR FINISH (SEE ELEVATIONS)
15LB. BUILDING PAPER
1/2" PLYWOOD SHEATHING
2x6 STUDS @ 16" O.C.
R-24 BATT INSULATION
6 MIL POLY V.B.
1/2" PAINTED GYPROC | (F4) NEW WOOD FLOOR
5/8" T&G PLY DECKING (GLUED AND SCREWED)
2x10 JOISTS @ 16" O.C.
5/8" GYPSUM BOARD | |
| (W5) NEW INTERIOR WALL
1/2" GYPSUM BOARD - PAINTED
2x4 STUDS @ 16" O.C.
1/2" GYPSUM BOARD - PAINTED | (F5) NEW DECK FLOOR
APPROVED VINYL DECKING
5/8" PLYWOOD DECKING
2x10 DECK JOISTS @ 16" O.C.
VENTED SOFFIT | |
| (W6) NEW FOUNDATION WALL
DRAINAGE COMPOSITE (BELOW FINISHED GRADE)
ASPHALT WATERPROOFING
8" CONCRETE WALL c/w 15M REINF.
@ 24" O.C. EW c/w
R-20 XPS RIGID INSULATION | | |

PROJECT TITLE: 32-9053 SHOOK RD. MISSION, BC

REV.	DATE	DESCRIPTION

CLIENT: STELLINGWERF RESIDENCE

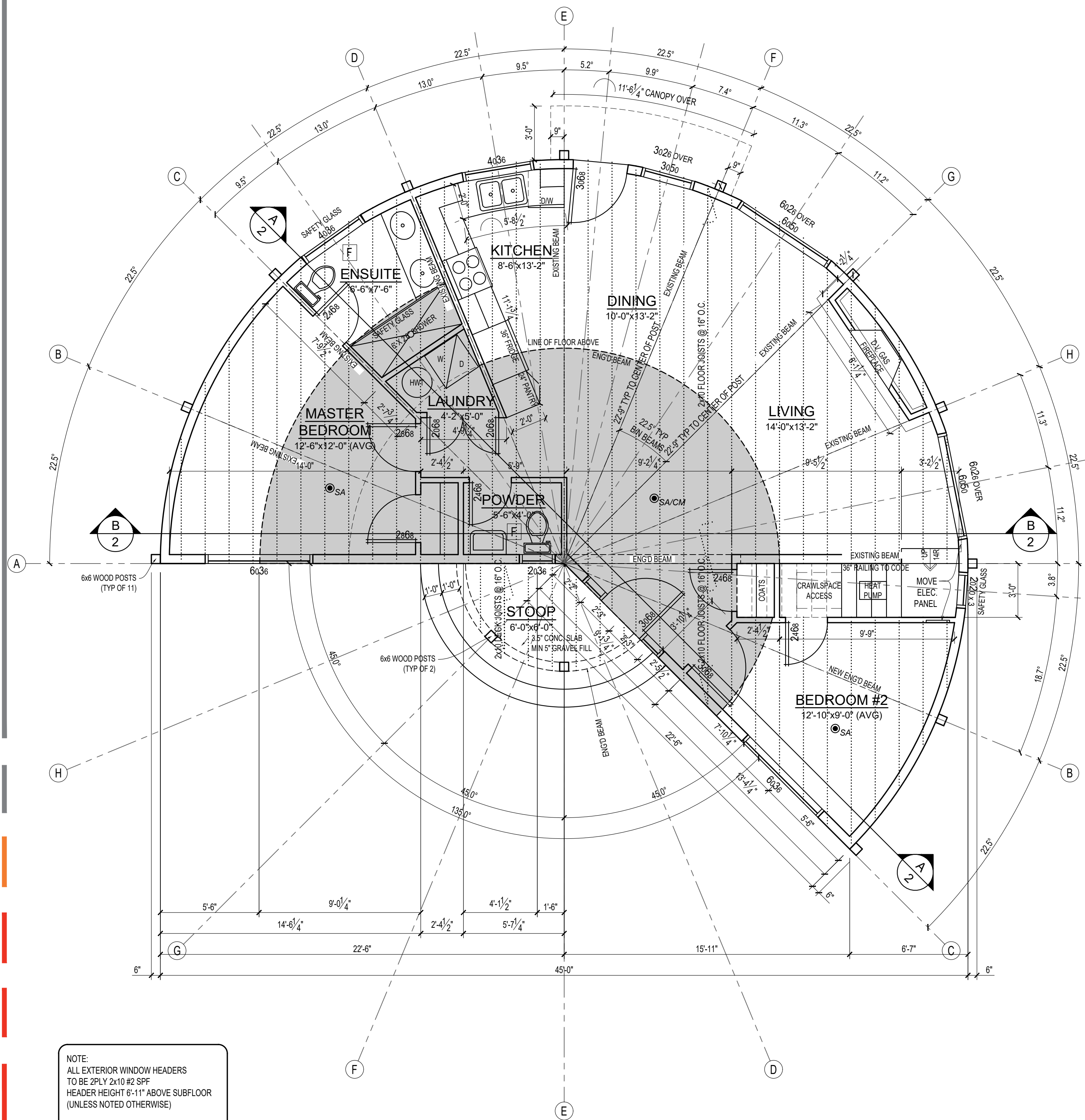
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SHEET TITLE: CRAWLSPACE PLAN SECTION A

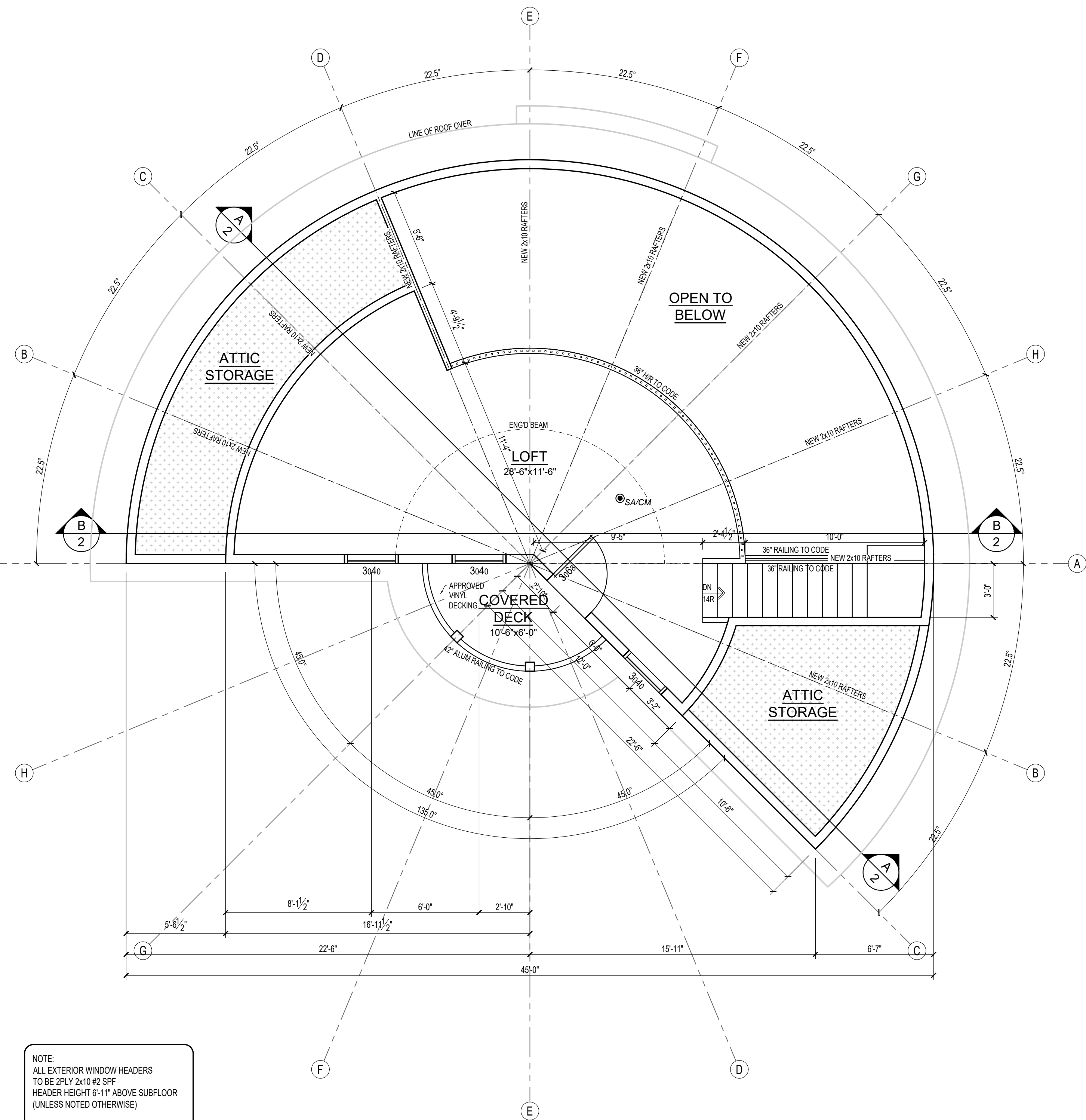
PAGE No: 2 OF 6

DATE: 01-28-2025
PROJECT: RA-24-86
DESIGNED/CHECKED: JM
DRAWN: MS



NOTE:
 ALL EXTERIOR WINDOW HEADERS
 TO BE 2PLY 2X10 #2 SPF
 HEADER HEIGHT 6'-11" ABOVE SUBFLOOR
 (UNLESS NOTED OTHERWISE)
 MAIN FLOOR CEILING HEIGHT TO BE 8'-3/4"
 (UNLESS NOTED OTHERWISE)

MAIN FLOOR PLAN 198 SQ.FT.(ADDITION)
 795 SQ.FT.(EXISTING)
 SCALE: 1/4" = 1'-0"



NOTE:
 ALL EXTERIOR WINDOW HEADERS
 TO BE 2PLY 2X10 #2 SPF
 HEADER HEIGHT 6'-11" ABOVE SUBFLOOR
 (UNLESS NOTED OTHERWISE)
 UPPER FLOOR CEILING HEIGHT TO BE 8'-3/4"
 (UNLESS NOTED OTHERWISE)

UPPER FLOOR PLAN 362 SQ.FT.(ADDITION)
 SCALE: 1/4" = 1'-0"

NOTE:
 BUILDER AND/OR OWNER IS TO VERIFY
 ALL ON SITE CONDITIONS, DIMENSIONS
 AND STRUCTURE PRIOR TO
 CONSTRUCTION. 4TH DIMENSION
 DESIGN & DRAFTING SERVICES DOES
 NOT ACCEPT ANY RESPONSIBILITY
 FOR DISCREPANCIES BETWEEN THESE
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PROJECT TITLE:
32-9053 SHOOK RD.
MISSION, BC



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CLIENT:
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 RESIDENCE**

SHEET TITLE:
**MAIN FLOOR PLAN
 UPPER FLOOR PLAN**

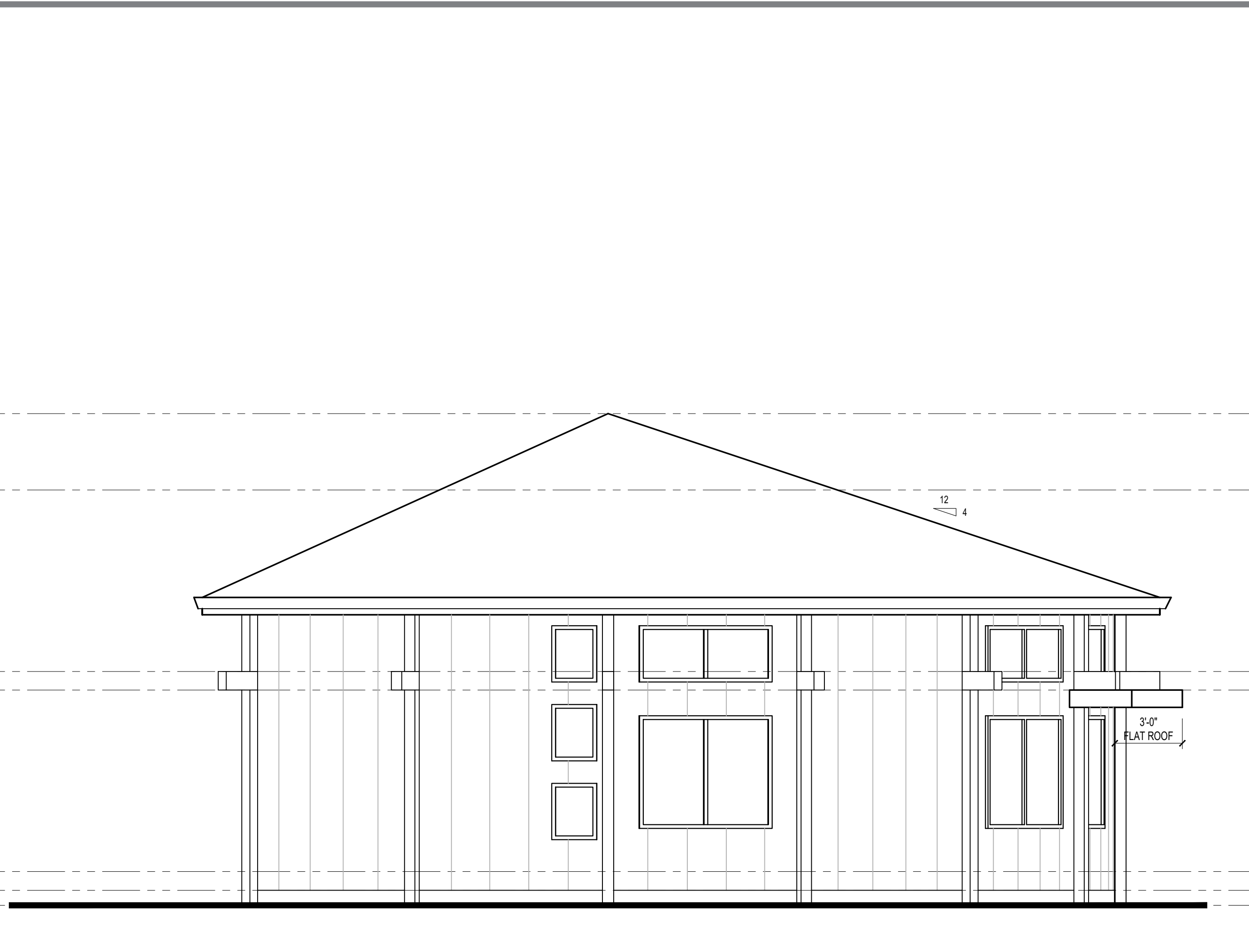
PAGE No:
3
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DATE:
 01-28-2025
 PROJECT:
 RA-24-86
 DESIGNED/CHECKED:
 JM
 DRAWN:
 MS

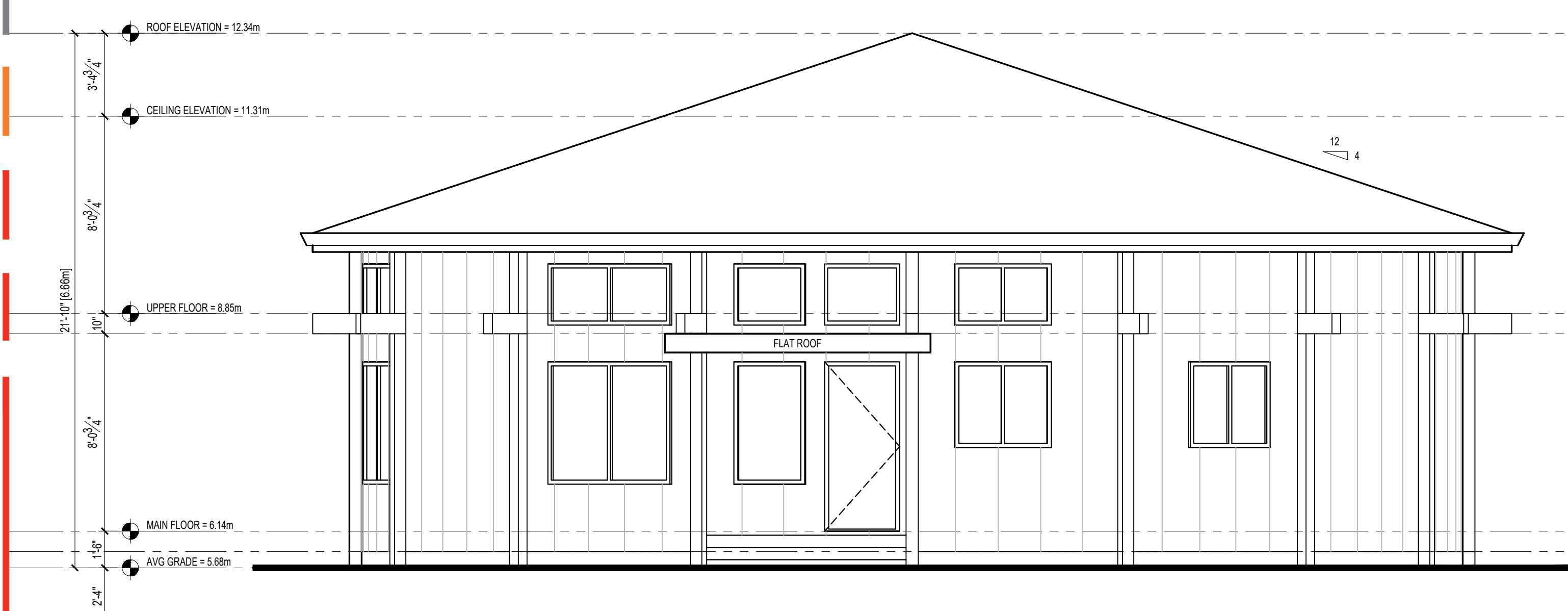
REV.	DATE	DESCRIPTION



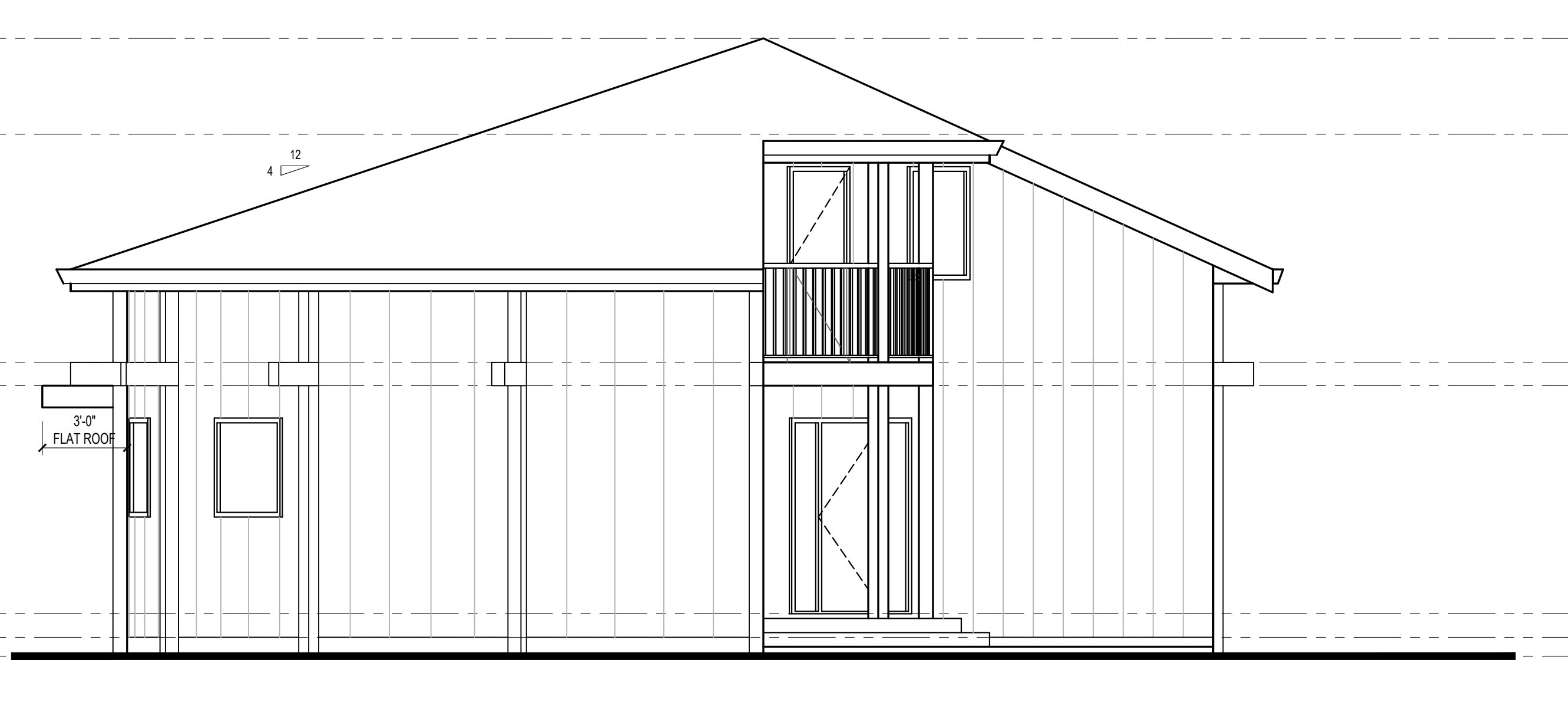
SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

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PROJECT TITLE: 32-9053 SHOOK RD. MISSION, BC

REV.	DATE	DESCRIPTION



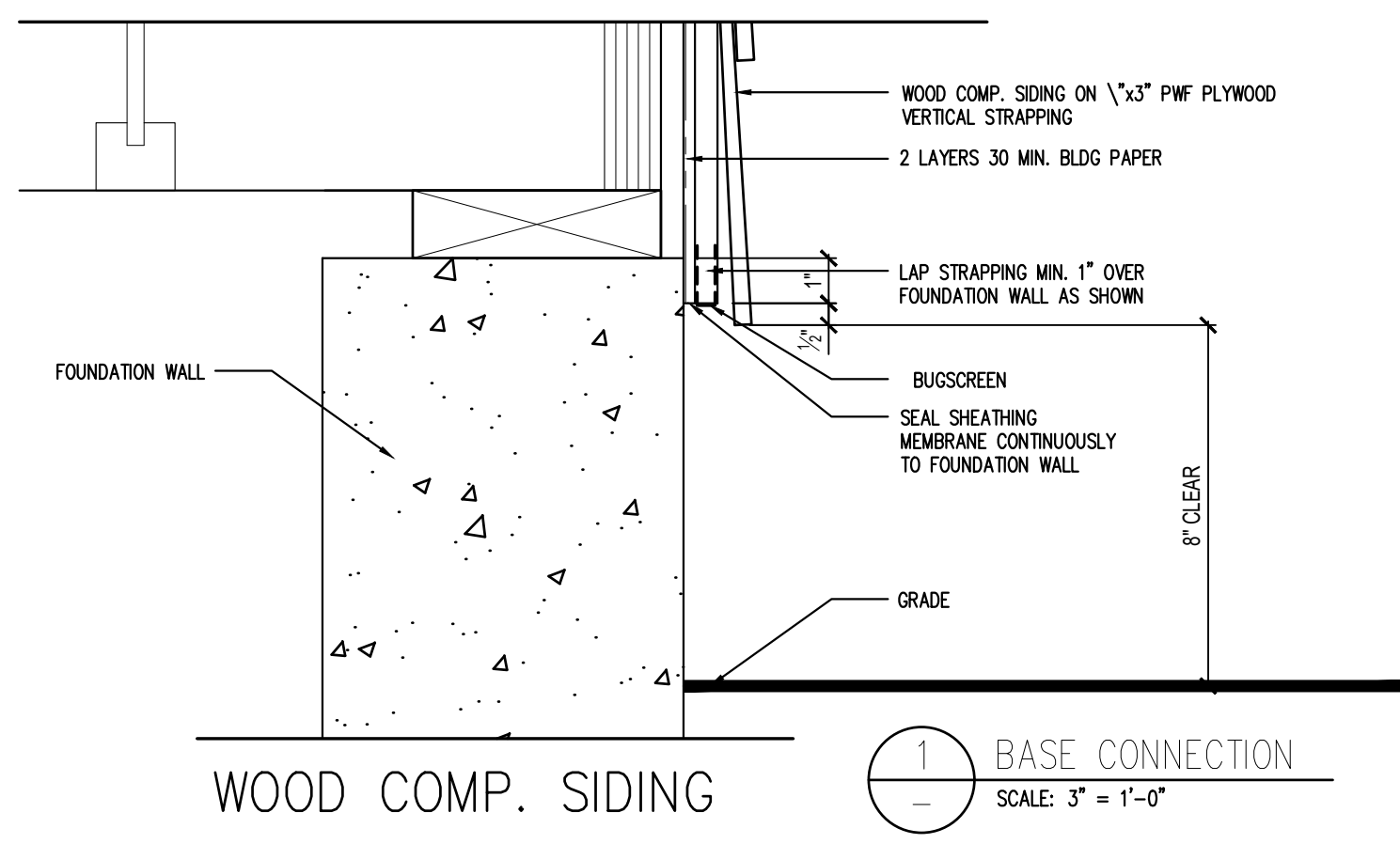
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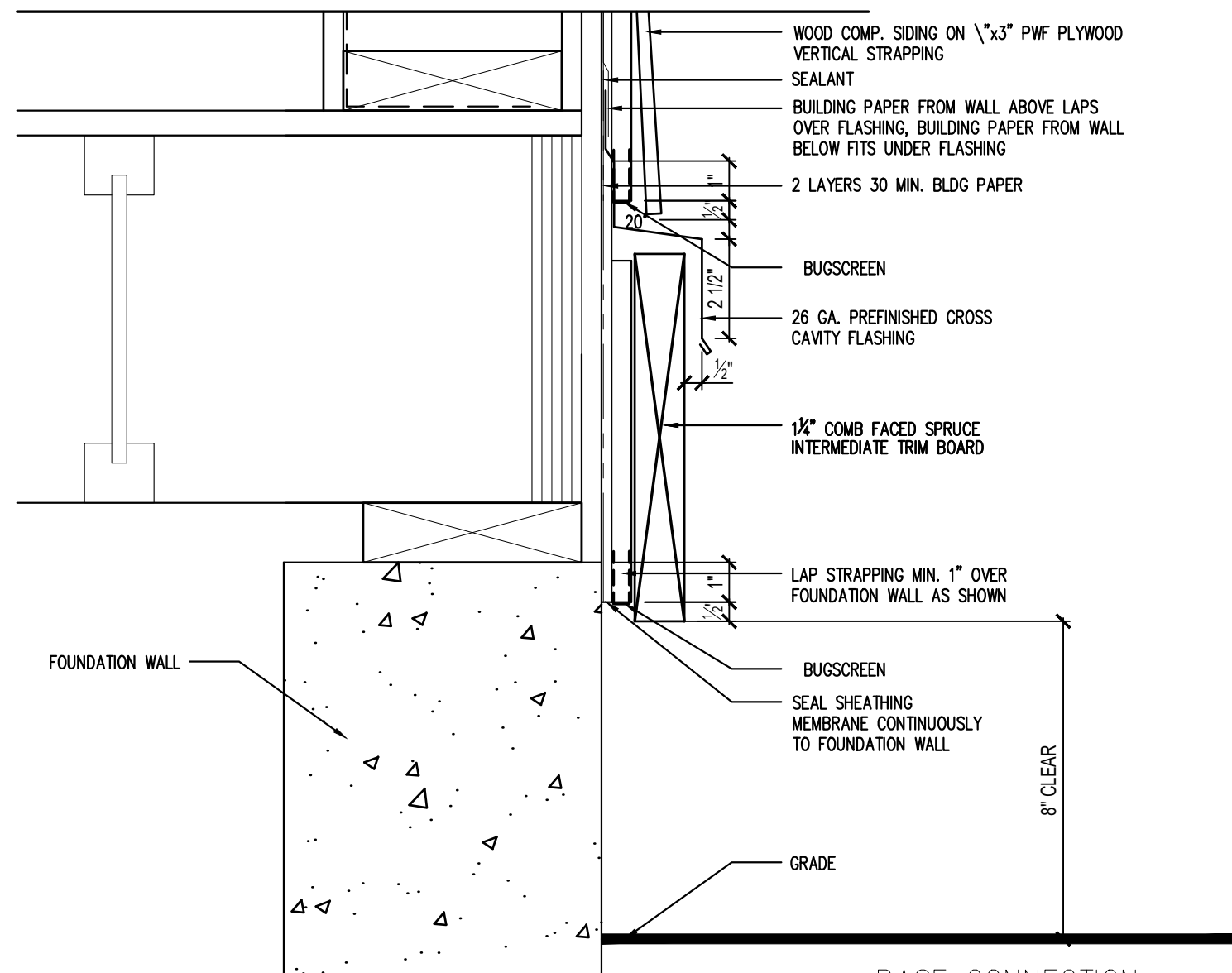
CLIENT: STELLINGWERF RESIDENCE

SHEET TITLE: ELEVATIONS

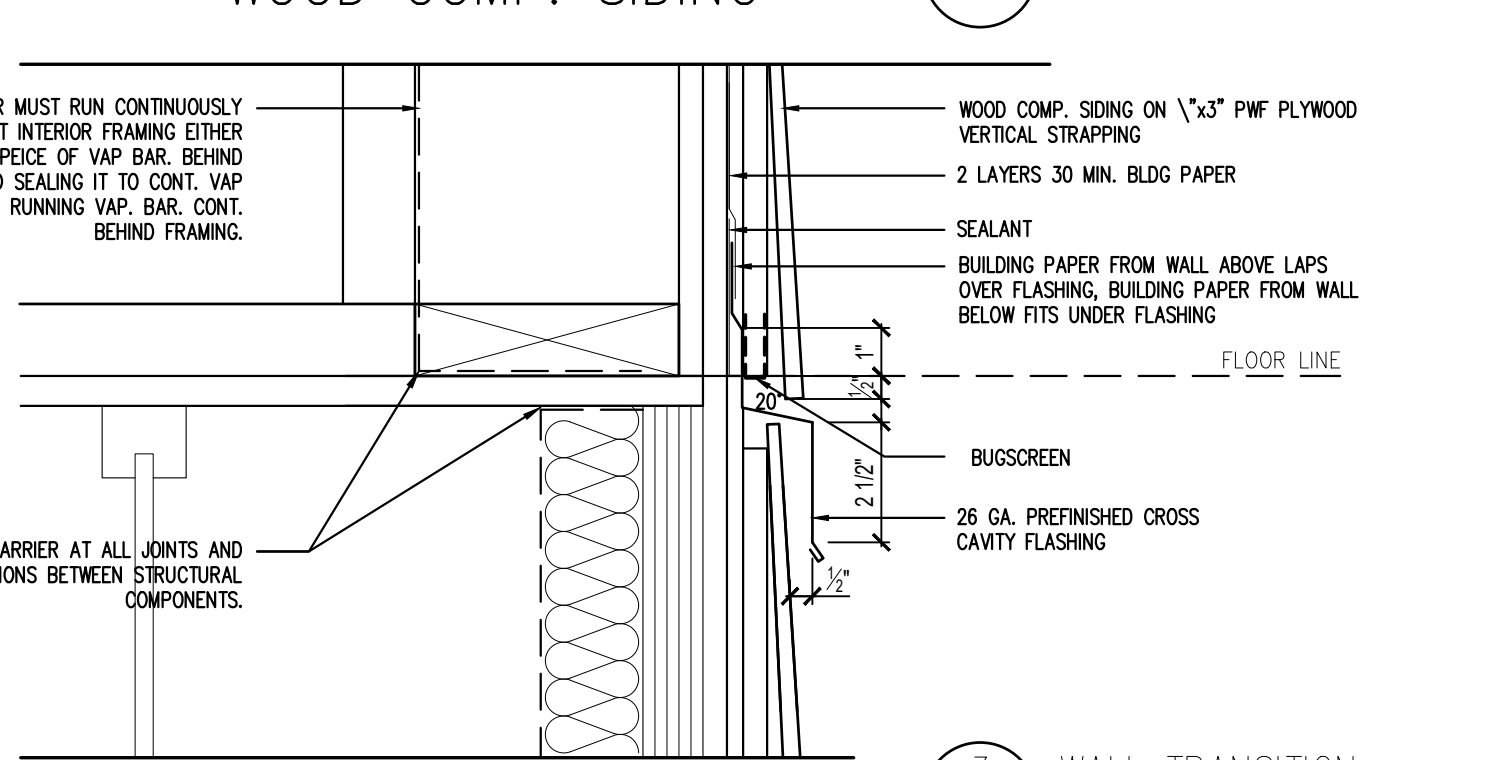
DATE:	01-28-2025
PROJECT:	RA-24-86
DESIGNED/CHECKED:	JM
DRAWN:	MS



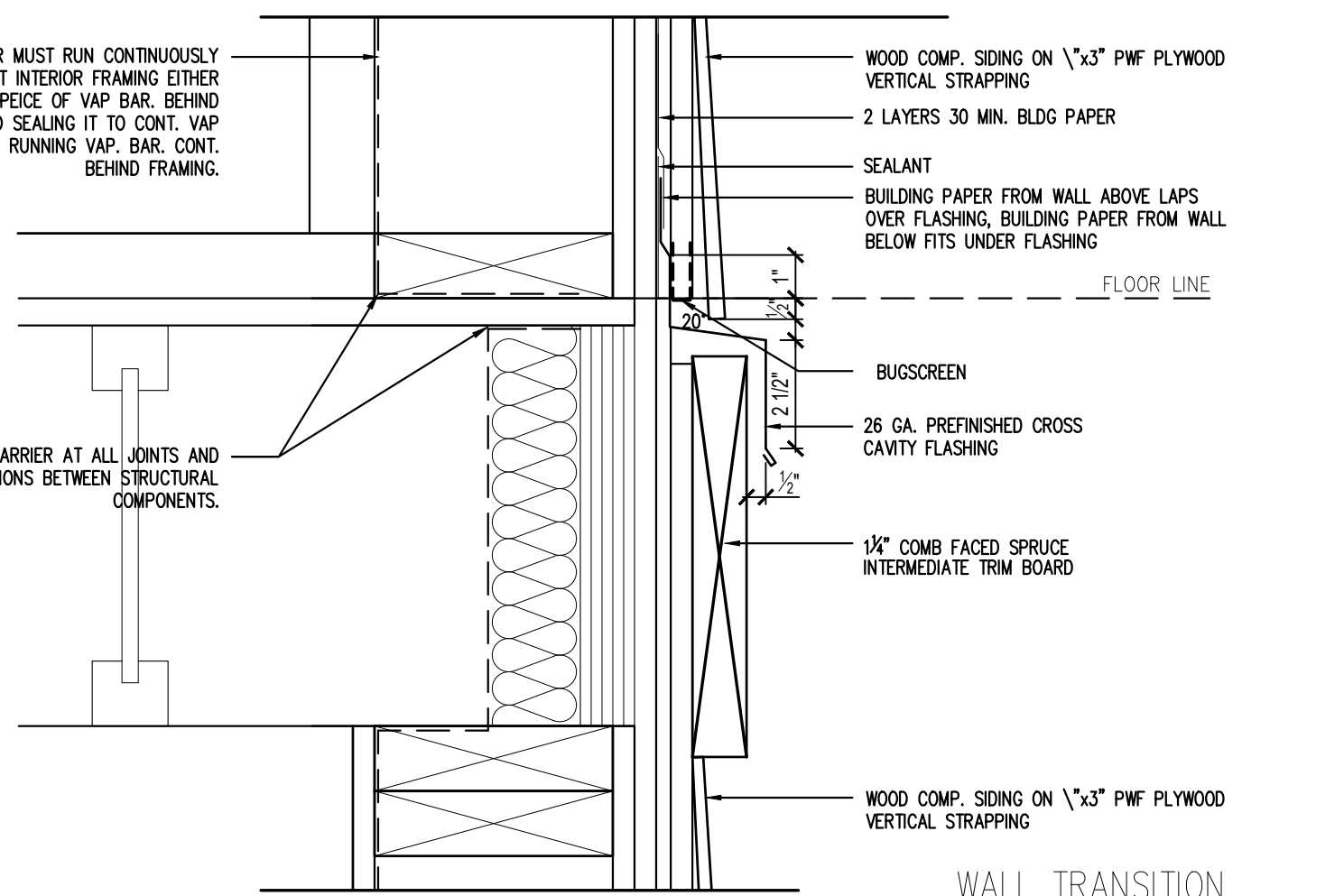
1 BASE CONNECTION
SCALE: 3" = 1'-0"



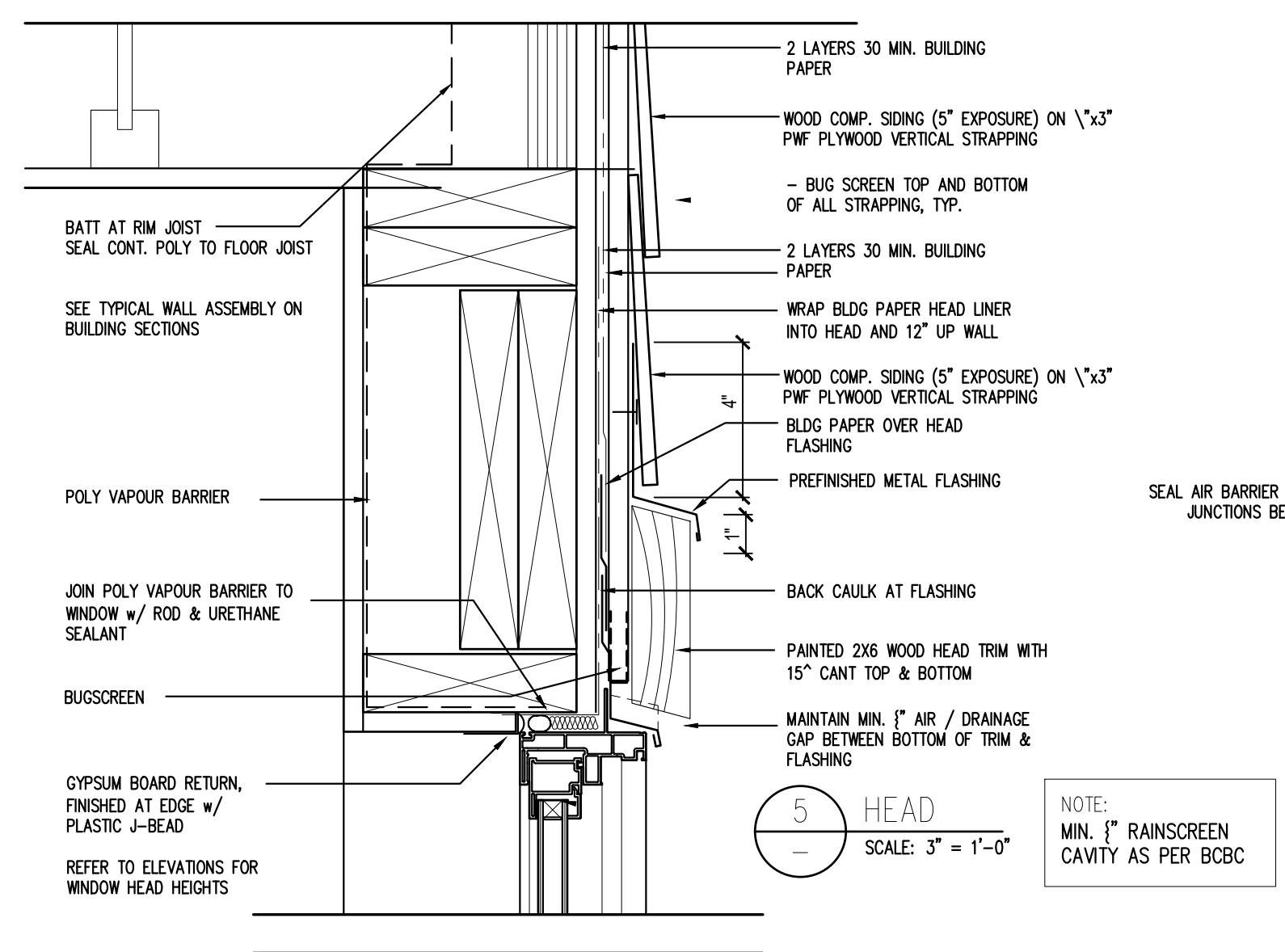
2 BASE CONNECTION WITH TRIM BOARD
SCALE: 3" = 1'-0"



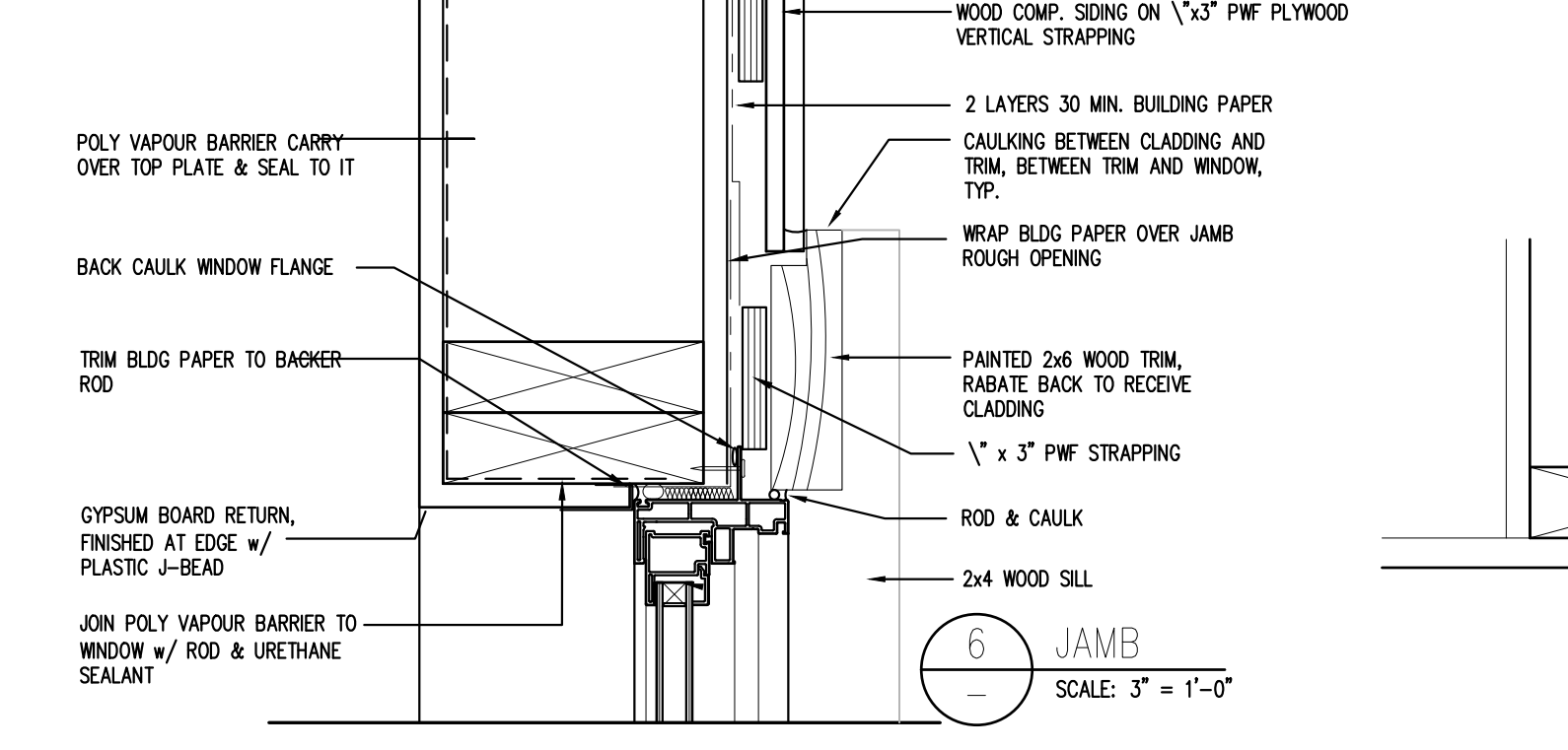
3 WALL TRANSITION
SCALE: 3" = 1'-0"



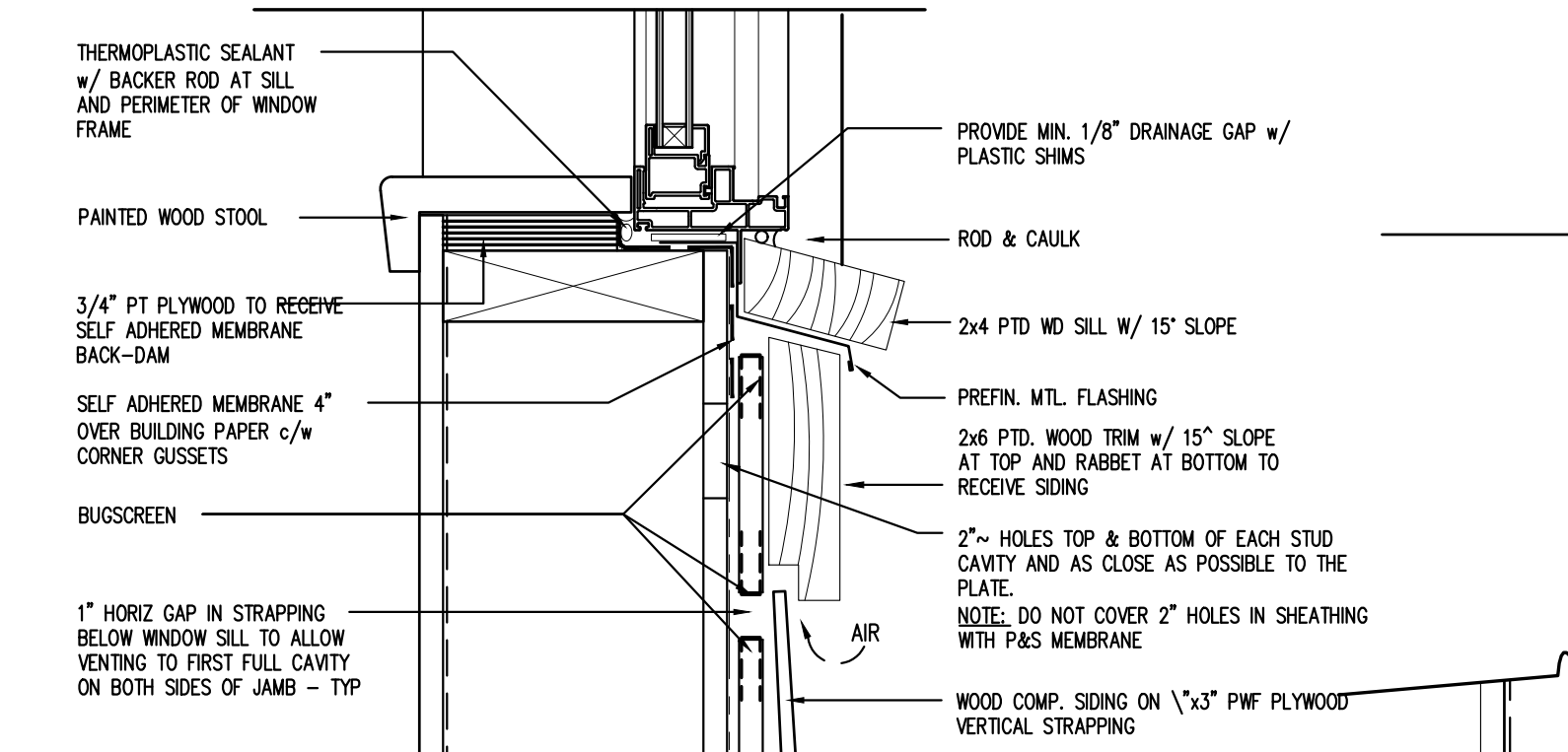
4 WALL TRANSITION WITH TRIM BOARD
SCALE: 3" = 1'-0"



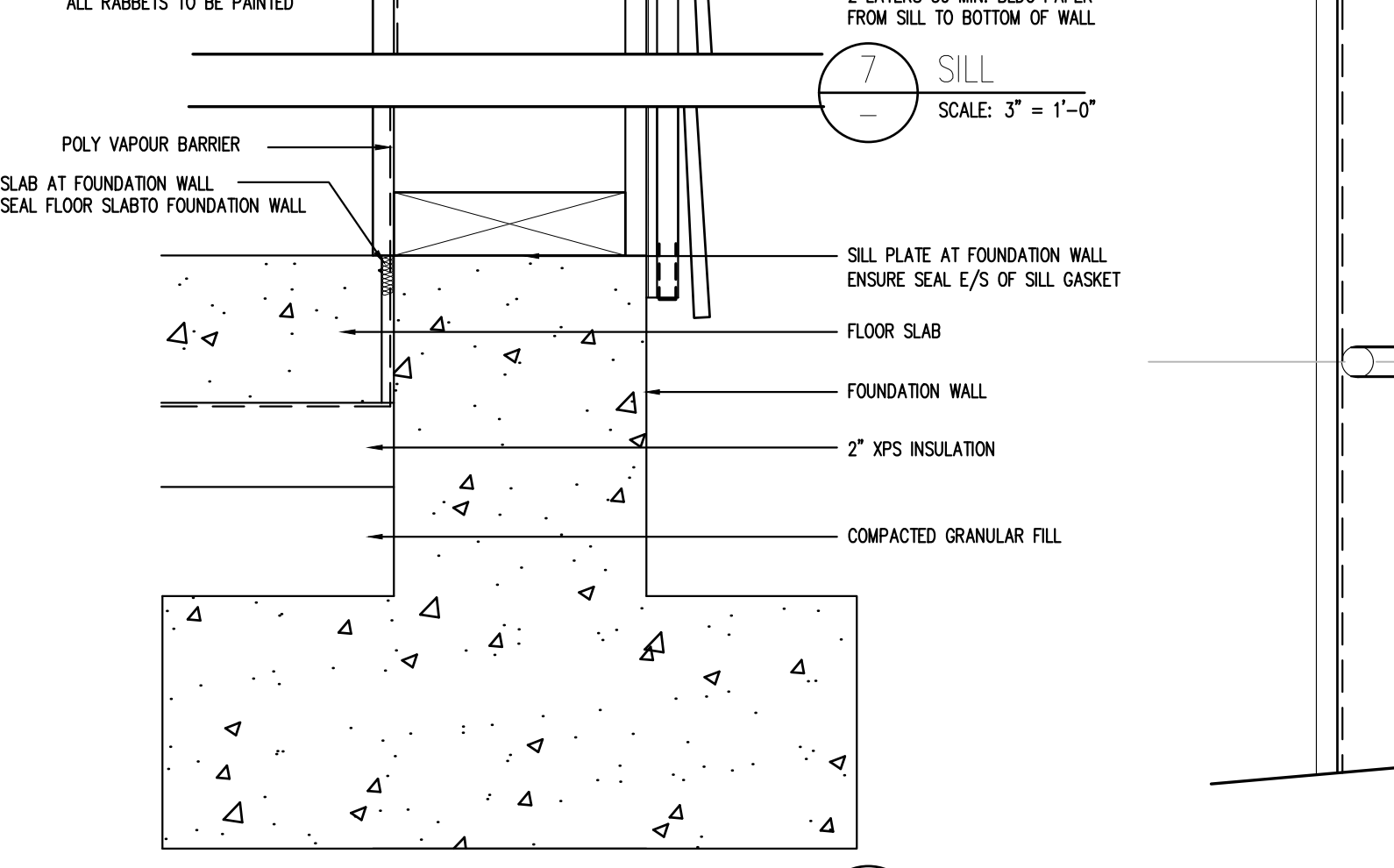
5 HEAD
SCALE: 3" = 1'-0"



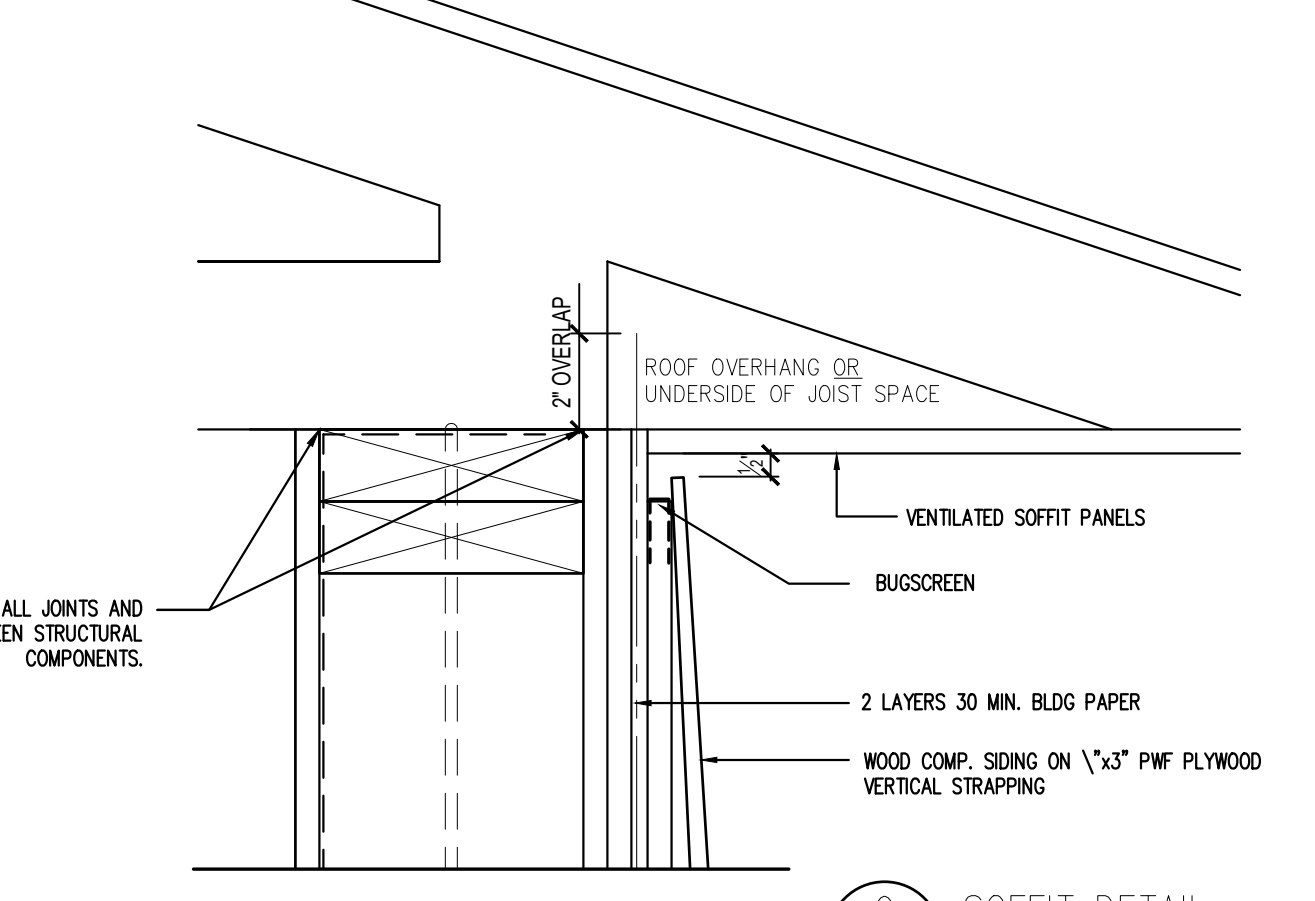
6 JAMB
SCALE: 3" = 1'-0"



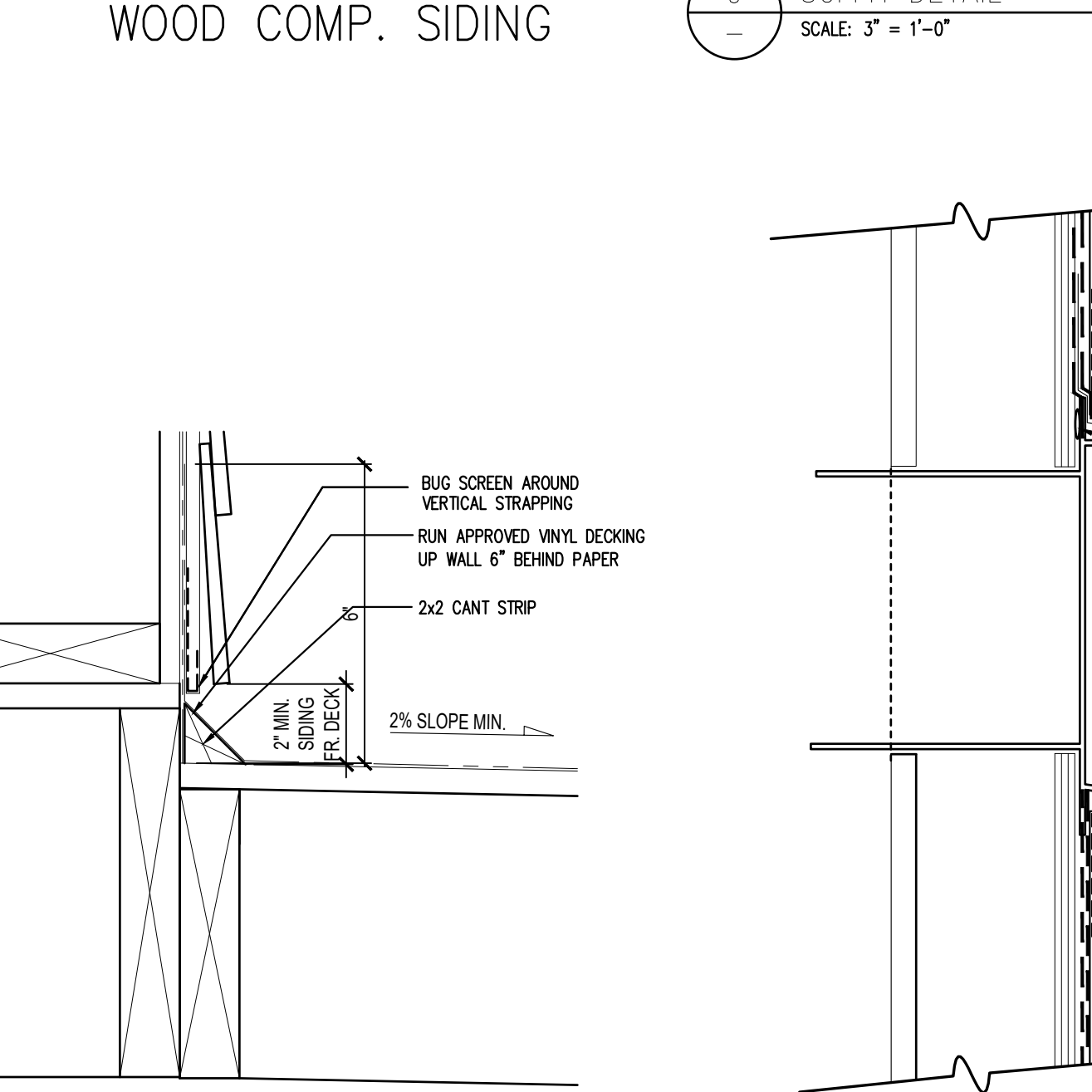
7 SILL
SCALE: 3" = 1'-0"



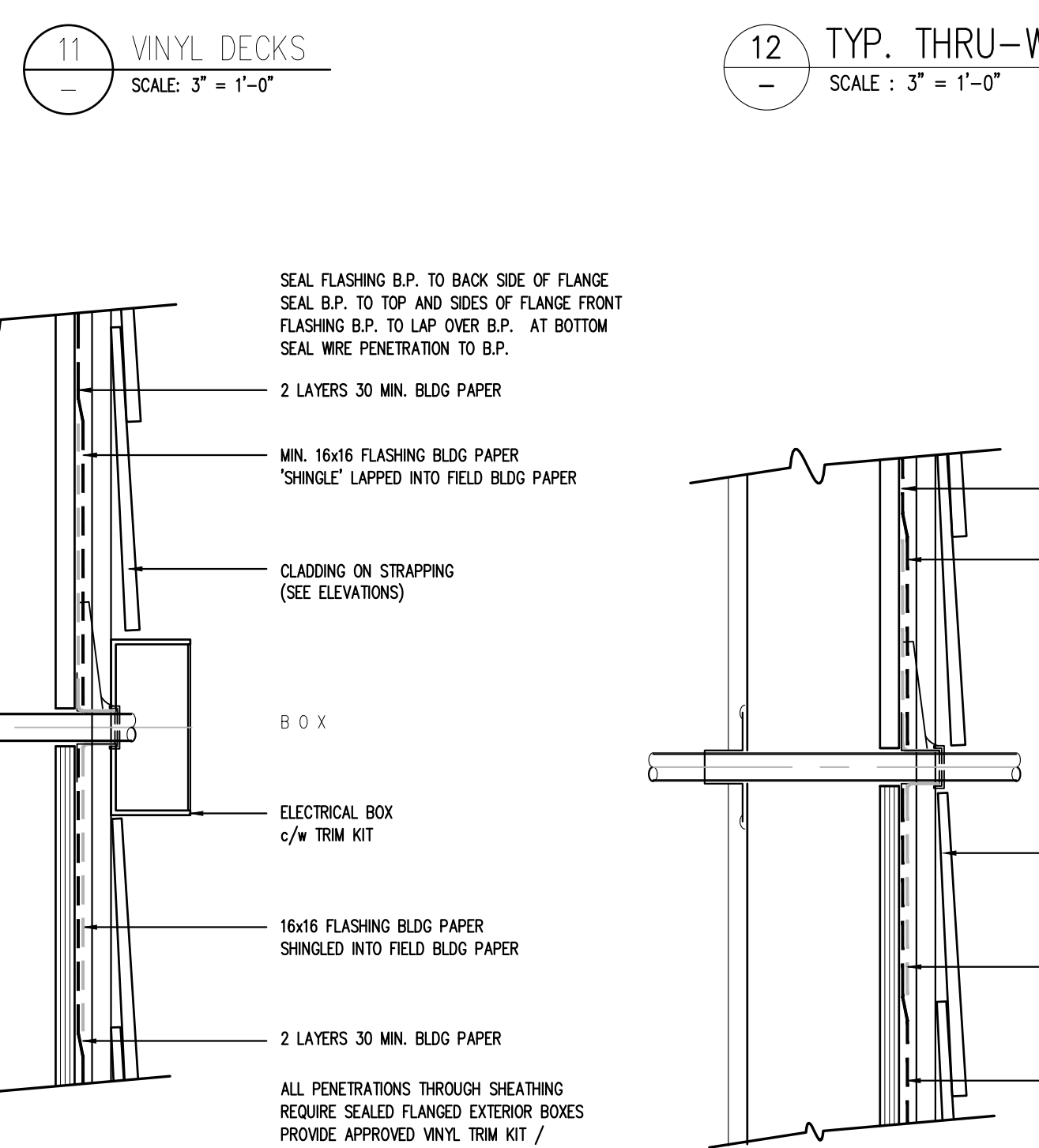
8 SLAB ON GRADE
SCALE: 3" = 1'-0"



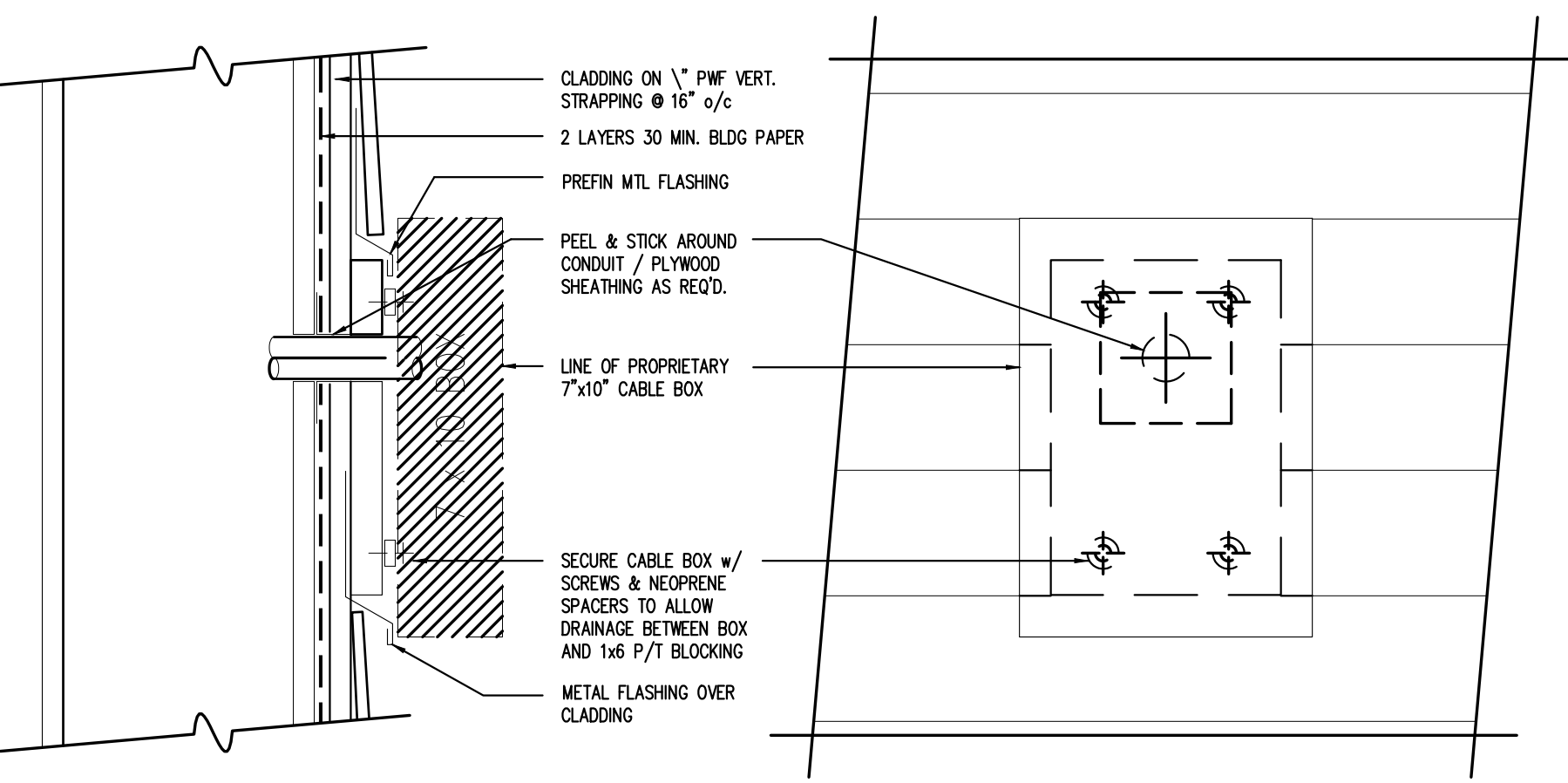
9 SOFFIT DETAIL
SCALE: 3" = 1'-0"



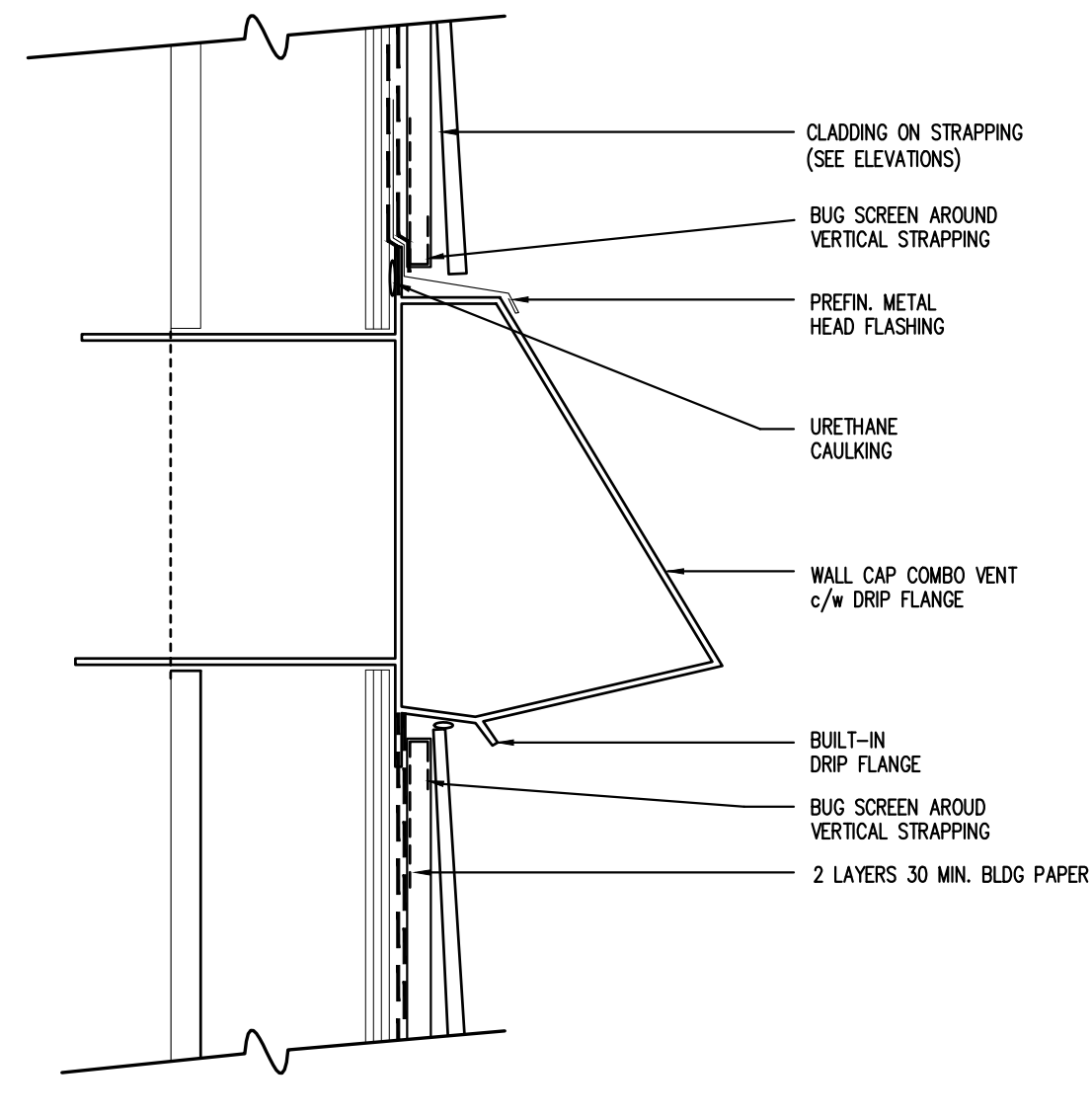
11 VINYL DECKS
SCALE: 3" = 1'-0"



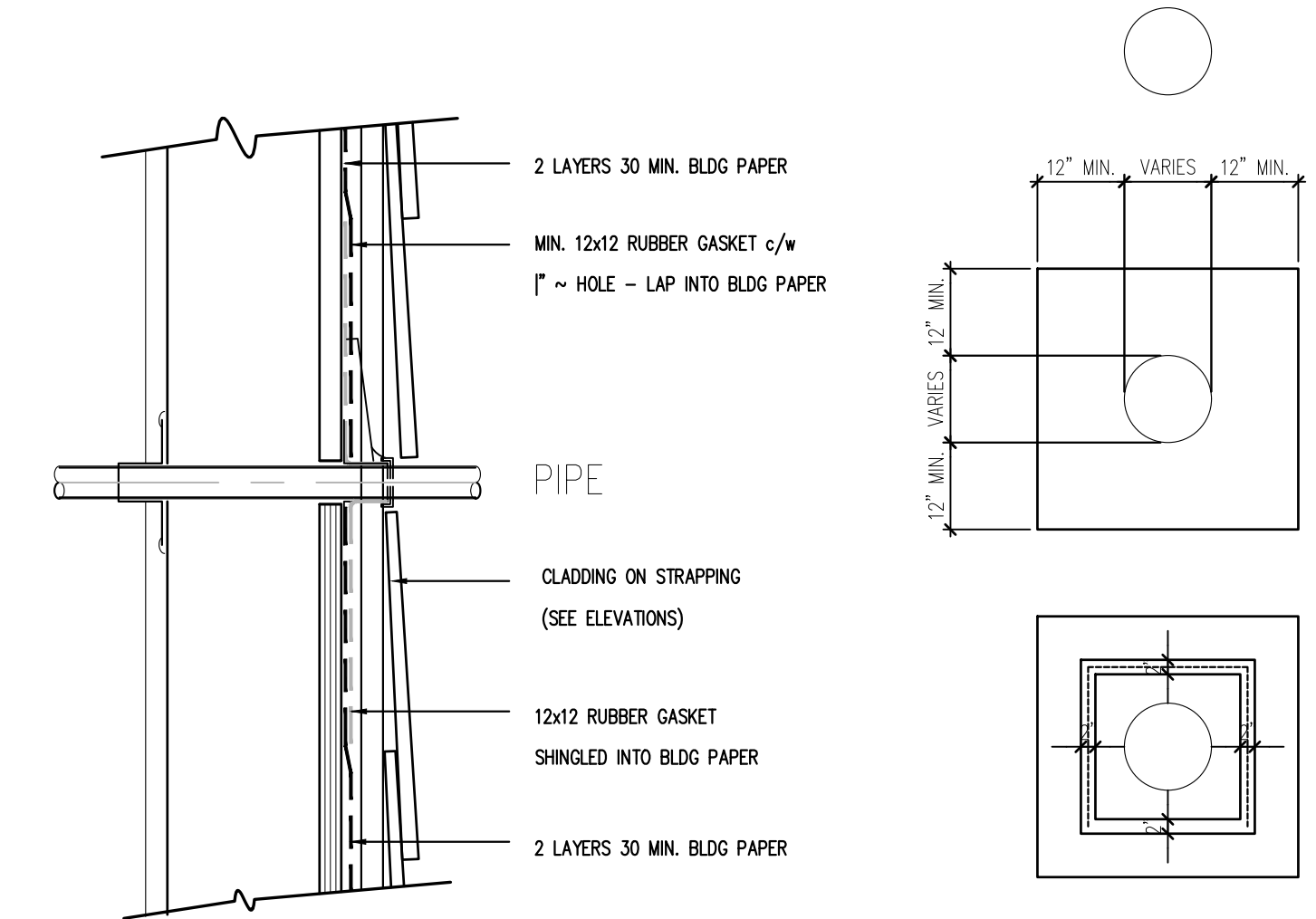
13 ELECTRICAL BOX DTL.
SCALE: 3" = 1'-0"



10 TYP. CABLE BOX.
SCALE: 3" = 1'-0"



12 TYP. THRU-WALL VENT DETAIL
SCALE: 3" = 1'-0"



14 PIPE / HOSE BIB DTL.
SCALE: 3" = 1'-0"

14 PIPE / HOSE BIB DTL.
SCALE: 3" = 1'-0"

NOTE:
USE ONLY APPROVED SEALANTS AT SELF ADHERED MEMBRANE
ALL PRESSURE TREATED PLYWOOD WALL SHEATHING TO BE FASTENED WITH GALVANIZED NAILS.
ALL BORATE TREATED WOOD STRAPPING, CEDAR SHINGLES, AND WOODPLANK TO BE FASTENED WITH HOT DIP GALVANIZED NAILS.

AIRTIGHTNESS NOTES:
MECHANICAL FLUES AND CHIMNEYS: STEEL-LINED CHIMNEYS THAT PENETRATE THE BUILDING ENVELOPE MUST BE MADE AIRTIGHT BY BLOCKING THE VOID BETWEEN REQUIRED CLEARANCES FOR METAL CHIMNEYS AND SURROUNDING CONSTRUCTION WITH SHEET METAL AND SEALANT CAPABLE OF WITHSTANDING HIGH TEMPERATURES.
PLUMBING STACKS: PLUMBING VENT STACKS PIPES THAT PENETRATE THE BUILDING ENVELOPE MUST BE MADE AIRTIGHT BY EITHER SEALING THE AIR BARRIER MATERIAL OR SHEATHING TAPE, OR INSTALLING A RUBBER GASKET OR PREFABRICATED ROOF FLASHING AT THE PENETRATION OF THE PLAN OF AIRTIGHTNESS AND SEALING IT TO THE TOP PLATE.
SKYLIGHTS: THE INTERFACE BETWEEN THE SKYLIGHT AND WALL ASSEMBLY MUST BE MADE AIRTIGHT BY SEALING ALL JOINTS AND JUNCTIONS BETWEEN THE AIR BARRIER MATERIAL IN THE WALL AND SKYLIGHT.
ATTIC HATCHES: AIR LEAKAGE OCCURS THROUGH THE JOINT BETWEEN THE HATCH AND THE CEILING. THE HATCH IS MOST OFTEN ON A LEDGE MADE FROM WOOD TRIM OR THE EDGE OF THE CEILING. AIR SEALING CAN BE ACHIEVED BY ENSURING THE HATCH IS SIZED PROPERLY SO THAT IT HAS ENOUGH CONTACT WITH THE OPENING LEDGE AND PROVIDING A CLOSED CELL FOAM GASKET.
POT LIGHTS: RECESSED POT LIGHT HOUSINGS ARE ONE OF THE MOST COMMON AIR LEAKAGE POINTS THROUGH THE CEILING PLANE INTO THE ATTIC. AIR LEAKAGE OCCURS BETWEEN THE HOUSING AND AIR BARRIER THROUGH THE FIXTURE.
WALL VENTED DUCTS: DUCT PENETRATIONS THROUGH THE BUILDING ENVELOPE MUST HAVE AN AIRTIGHT SEAL.
ELECTRICAL PENETRATIONS IN WALLS: ELECTRICAL PENETRATIONS IN WALL INCLUDING OUTLETS, SWITCHES, RECESSED LIGHT FIXTURES THROUGH THE PLAN OF AIRTIGHTNESS MUST BE AIRTIGHT. OPTIONS INCLUDE USING A COMPONENT THAT IS DESIGNED TO BE AIRTIGHT AND SEALING IT TO THE ADJACENT AIR BARRIER MATERIAL, OR BY COVERING THE COMPONENT WITH AN AIR BARRIER MATERIAL AND SEALING IT TO THE ADJACENT AIR BARRIER MATERIAL.

1. SHEET METAL CONTRACTOR TO LAYOUT CORRECT SIZE OF HOLE FOR DIAMETER OF DUCT.
2. FRAMER TO CUT ROUND HOLE TO MATCH SIZE OF DUCT REQUIRED.
3. INSTALL BLDG PAPER FLASHING EXTENDING MIN. 12" BEYOND ALL SIDES OF HOLE IN WALL.
4. APPLY URETHANE CAULK TO BACK OF THE 2" FLANGE - TOP AND SIDES ONLY - DO NOT CAULK THE BOTTOM.
5. FASTEN METAL VENT HOOD PLUMB AND SQUARE WITH MIN. OF 3 SCREWS
6. SIDING CONTRACTOR TO SINGLE FLASHING BLDG PAPER INTO FIELD BLDG PAPER
7. PROVIDE ONLY EOOD WALL CAP MODEL 51204, 51205 OR 51206, OR APPROVED EQUAL PROVIDE SAMPLE PRIOR TO INSTALLATION.

PROJECT TITLE:
32-9053 SHOOK RD.
MISSION, BC

CLIENT:
STELLINGWERF
RESIDENCE

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SHEET TITLE:
AIRTIGHTNESS,
RAINSCREEN
& INSULATION DETAILS

PAGE No:
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OF 6

DATE: 11-27-2024
PROJECT: RA-24-86
DESIGNED/CHECKED: JM
DRAWN: MS

