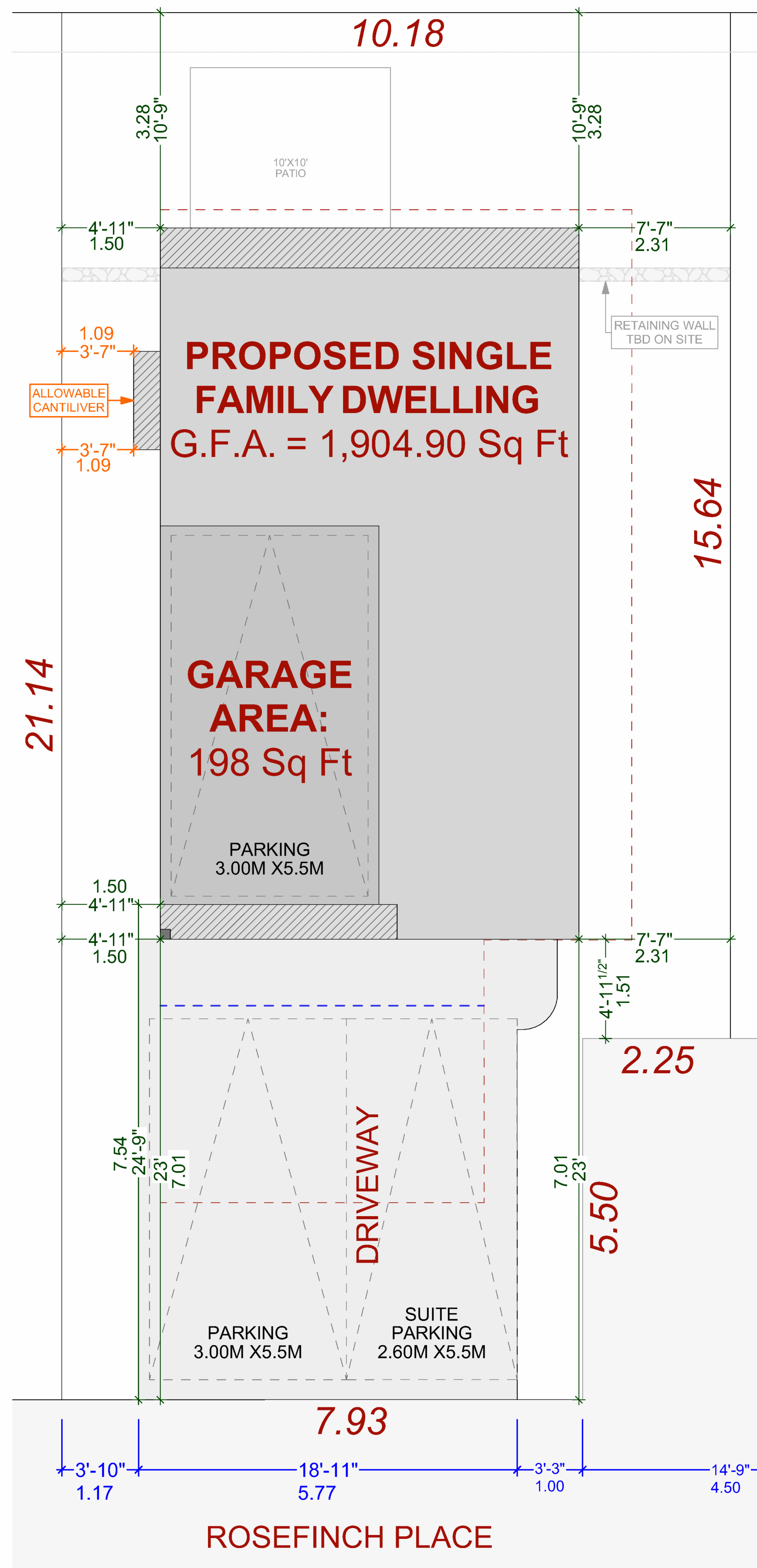


PROJECT DATA TABLE - SINGLE FAMILY DWELLING		
Zoning	RS1	
Address	SL 5 - 921 Rosefinch Place, Langford	
Lot Size	202.00m ² (2,174.31 ft ²)	
	Proposed	Allowed
Lot coverage (Total)	34.74% 69.67m ²	50% 101.00m ²
Setbacks		
Front Setback	7.01m	3.00m
Front <u>Garage</u> Setback	7.54m	6.00m
Rear Setback	3.28m	3.00m
Side Setback (East)	2.31m	1.50m
Side Setback (West)	1.50m	1.50m
Driveway Width	5.77m	6.00m
Height		
Building Height	7.68m	11.00m
Floor Area		
Suite Floor Area	34.15 m ² (367.63 ft ²)	
Lower Floor Area	10.91 m ² (117.51 ft ²)	
Main Floor Area	64.31 m ² (692.24 ft ²)	
Upper Floor Area	67.58 m ² (727.52 ft ²)	
Total Gross Floor Area	176.97 m ² (1,904.90 ft ²)	
Garage Area	18.40 m ² (198.14 ft ²)	



SL 5
AREA = 202 M²

SITE PLAN
SCALE: 1 : 50

ADDRESS: SL 5 - 921 ROSEFINCH PLACE, LANGFORD
CUSTOMER: TEKLOCH HOMES LTD.

DRAWING NAME: SITE PLAN & DATA BOX
DRAWING SCALE: SEE DRAWINGS

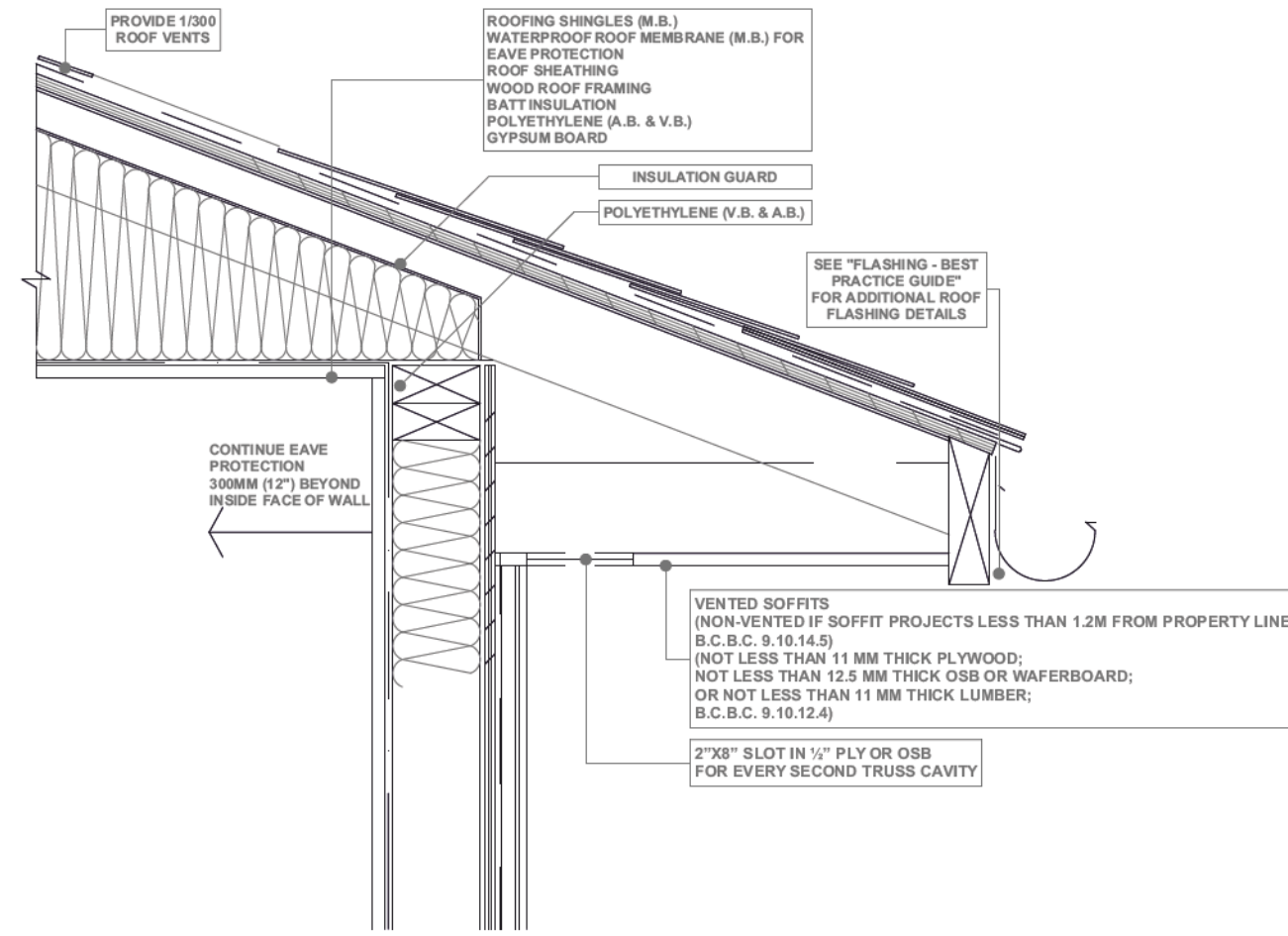
ISSUE DATE: DEC. 03, 2024
DRAWN BY: KH
CHECKED BY: KYLE LEGGETT

102 - 2871 JACKLIN ROAD
VICTORIA BC V9B 0P3
JAVADESIGN.CA
250.590.2468

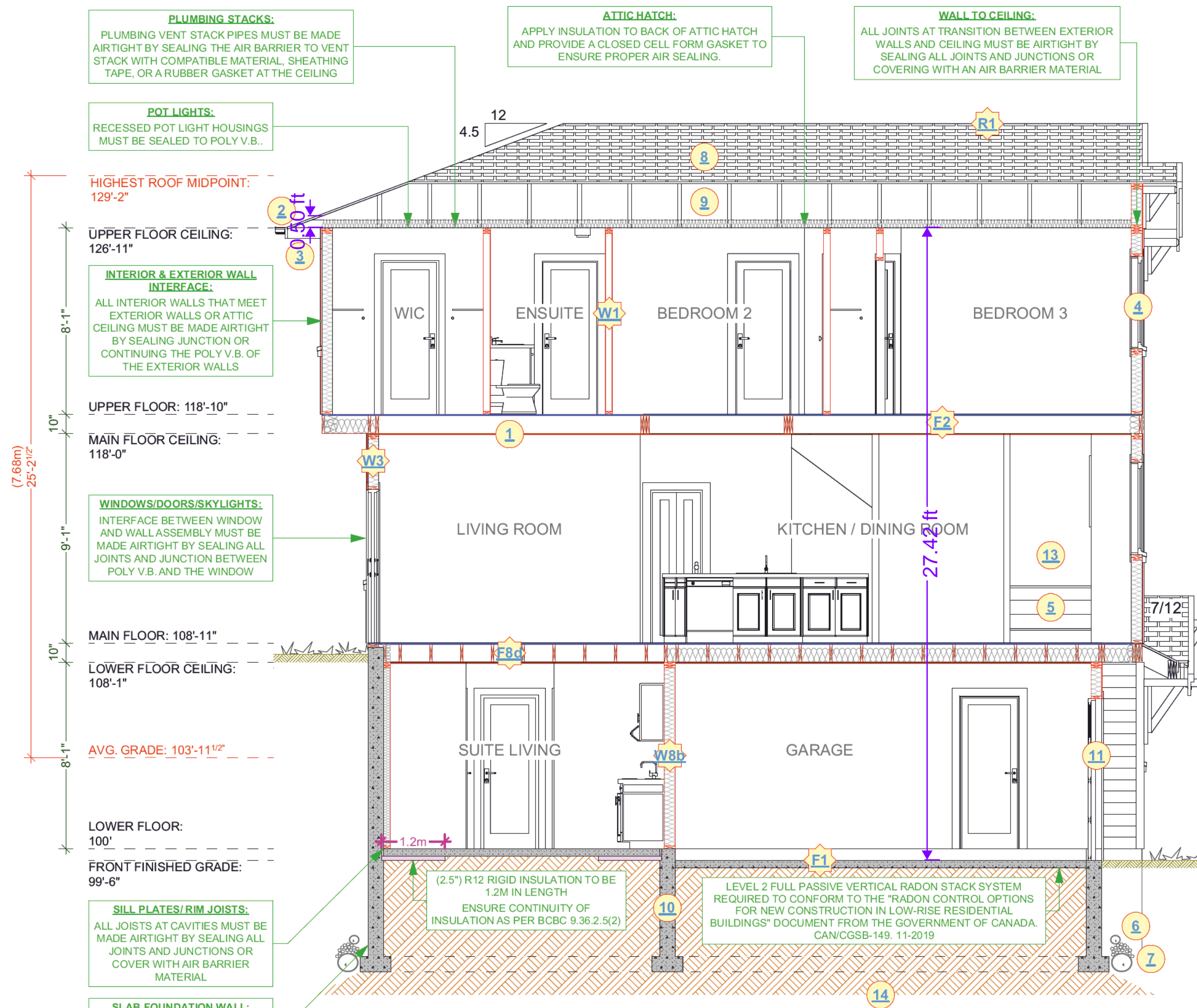
JAVA DESIGNS

SHEET NUMBER
A1

REQUIRED ENERGY STEP CODE 3	<p>GENERAL NOTES</p> <p>ALL MATERIALS AND CONSTRUCTION METHODS TO CONFORM TO THE CURRENT EDITION OF THE BRITISH COLUMBIA BUILDING CODE AS WELL AS ANY LOCAL BUILDING CODES OR BYLAWS WHICH MAY TAKE PRECEDENCE.</p> <p>ALL MEASUREMENTS MUST BE VERIFIED ON SITE BY BUILDER PRIOR TO CONSTRUCTION, AND ANY DISCREPANCIES REPORTED TO THE DESIGNER. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE.</p> <p>DRAFTED ELEMENTS ARE FRAMED ONLY, NO ALLOWANCES HAVE BEEN ADDED FOR FINISHING ELEMENTS SUCH AS BUT NOT LIMITED TO G.W.B., CLADDING, SHEATHING, ETC.</p> <p>-SMOKE DETECTORS SHALL BE PROVIDED ON EVERY FLOOR</p>	<p>SITE PLAN</p> <p>ALL LAYOUTS SHOULD BE CONFIRMED BY A REGISTERED B.C. LAND SURVEYOR. ALL SETBACKS SHALL BE CONFIRMED BY THE OWNER/BUILDER.</p> <p>ALL GRADE ELEVATIONS ARE THE RESPONSIBILITY OF THE OWNER/BUILDER AND ANY MODIFICATIONS ARE TO BE MADE ON SITE.</p> <p>CONFORMITY OF THESE PLANS TO THE ACTUAL SITE IS THE RESPONSIBILITY OF THE OWNER/BUILDER.</p> <p>CONCRETE AND FOUNDATIONS</p> <p>ALL CONCRETE FOOTINGS TO HAVE SOLID BEARING ON COMPACTED, UNDISTURBED INORGANIC SOIL TO A SUITABLE DEPTH BELOW FROST PENETRATION.</p>	<p>IF SOFTER CONDITIONS APPLY, THE SOLID BEARING CAPACITY AND SIZE OF FOOTINGS ARE TO BE DESIGNED BY A QUALIFIED ENGINEER. GARAGE & CARPORT FLOORS AND EXTERIOR STEPS SHALL NOT BE LESS THAN 32 MPA.</p> <p>FOUNDATION CONCRETE SHALL HAVE MIN. COMPRESSIVE STRENGTH OF 2900 psi (20MPa) AT 28 DAYS, MIXED, PLACED AND TESTED IN ACCORDANCE WITH CAN3-A438.</p> <p>ALL WALLS ARE 8" CONCRETE UNLESS OTHERWISE NOTED.</p> <p>ALL GRADES ARE ESTIMATED ONLY AND SHALL BE ADJUSTED ON SITE.</p> <p>ALL WOOD IN CONTACT WITH CONCRETE SHALL BE TREATED OR SEPARATED BY A MOISTURE RESISTANT GASKET MATERIAL.</p>	<p>LUMBER, FRAMING, AND BEAMS</p> <p>BUILDING FRAMES TO BE ANCHORED TO FOUNDATION BY FASTENING SILL PLATE TO FOUNDATION WITH NOT LESS THAN 12.7mm DIAM ANCHOR BOLTS AT NOT MORE THAN 2.4M O.C.</p> <p>ALL ENGINEERED BEAMS TO BE SIZED BY SUPPLIER.</p> <p>ALL SPANS SHALL CONFORM TO THE TABLES SET OUT IN "THE SPAN BOOK" AND THE NATIONAL BUILDING CODE OF CANADA AND VERIFICATIONS OF ALL SPANS IS THE RESPONSIBILITY OF THE OWNER/BUILDER.</p>	<p>TRUSSES</p> <p>TRUSSES AND LAYOUT ARE TO BE ENGINEERED AND INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS, INCLUDING ALL BRACING.</p> <p>ROOFING</p> <p>ALL ROOFING SHALL BE APPLIED TO MANUFACTURER'S SPECIFICATION AND SHALL INCLUDE EAVE PROTECTION FROM ICE DAMS AND SNOW BUILD UP.</p> <p>PLUMBING & ELECTRICAL</p> <p>ANY ELECTRICAL SHOWN ON PLANS IS TO SERVE AS A GUIDE ONLY AND MUST BE INSTALLED BY A QUALIFIED PERSONNEL.</p>	<p>FLASHING</p> <p>-ALL EXPOSED OPENINGS SHALL BE PROVIDED WITH ADEQUATE FLASHING.</p> <p>ALL ROOFING SHALL INCORPORATE STEP FLASHING.</p> <p>ALL PENETRATIONS THROUGH ROOF SHALL INCLUDE APPROPRIATE FLASHING.</p> <p>DOORS - ROUGH OPENING SIZES</p> <p>FRAME OPENING 1 1/4" WIDER THAN DOOR.</p> <p>FRAME HEIGHT 83" FOR EXTERIOR DOORS AND 82.5" FOR INTERIOR DOORS.</p> <p>ANY ELECTRICAL SHOWN ON PLANS IS TO SERVE AS A GUIDE ONLY AND MUST BE INSTALLED BY A QUALIFIED PERSONNEL.</p>	<p>MISC.</p> <p>CARBON MONOXIDE ALARMS TO BE HARDWIRED AND WITHIN 5M OF EACH BEDROOM IN EVERY SUITE AND INTERCONNECTED TO ALL FLOORS.</p> <p>CARBON MONOXIDE ALARMS TO CONFORM TO CSA 6.19</p>	<p>NEITHER JAVA DESIGNS INC. NOR THE DESIGNER ACCEPT RESPONSIBILITY FOR THE FOLLOWING:</p> <ul style="list-style-type: none"> -INFORMATION PROVIDED ON EXISTING BUILDINGS OR SITE. -CONFORMITY OF PLANS TO SITE. -ERRORS AND OMISSIONS. -ANY HOUSE BUILT FROM THESE PLANS.
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SOFFIT DETAIL
SCALE: 1" = 1' - 0"



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

ALL COMPONENTS RELATING TO ENERGY EFFICIENCY (IE. COOLING, HEATING, VENTILATION, WINDOWS, BUILDING ENVELOPE) ARE REQUIRED TO COMPLY WITH STEP 3 OF THE BC ENERGY STEP CODE

REFER TO RADON DETAIL PAGE AND GOVERNMENT OF CANADA CAN/CGSB-149.11-2019 DOCUMENT FOR SPECIFICATIONS

PRINCIPAL EXHAUST FAN:
HOUSE:
PRINCIPAL EXHAUST FAN CAPACITY @50 PASCAL AND MIN. VENTILATION RATE OF 28 AS PER 9.32.3.5 MUST BE WIRED TO RUN CONTINUOUSLY, CONTROLLED BY DEDICATED SWITCH, SOUND RATING NOT TO EXCEED 1.0 SONE(SEE TABLE 9.32.3.3.A)

SUITE:
PRINCIPAL EXHAUST FAN CAPACITY @50 PASCAL AND MIN. VENTILATION RATE OF 14 AS PER 9.32.3.5 MUST BE WIRED TO RUN CONTINUOUSLY, CONTROLLED BY DEDICATED SWITCH, SOUND RATING NOT TO EXCEED 1.0 SONE(SEE TABLE 9.32.3.3.A)

CONSTRUCTION ASSEMBLIES:

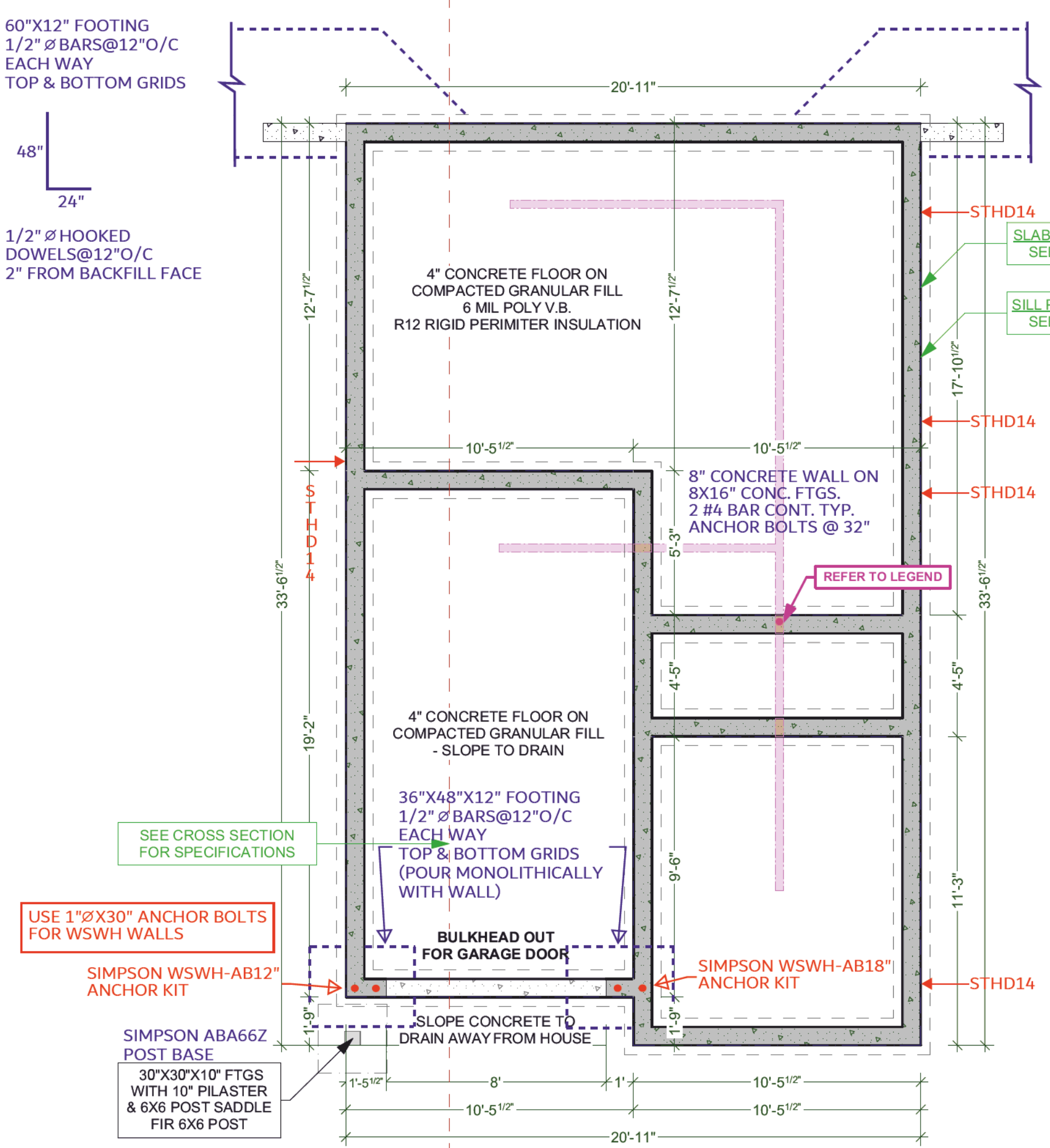
E1 4" CONCRETE FLOOR ON 6 MIL POLY V.B. COMPACTED GRANULAR FILL	R1 ASPHALT SHINGLES, BUILDING PAPER, 7/16" O.S.B. (OR 1/2" PLYWOOD), ENGINEERED TRUSSES DESIGNED BY SUPPLIER @ 24" O.C. TYP., R40 BATT INSULATION, 6 MIL UV. POLY V.B. 5/8" GWB
F2 2X10 FLOOR JOIST 16" O.C. TYP. NAIL AND GLUE 3/4" T&G PLYWOOD X BRIDGING @ 6" O.C. TYP.	W8L DEMISING WALL: (45MIN AS PER W8B - TABLE 9.10.3.1.A) MINIMUM STC RATING OF 43 AS PER BCBC
W1 2X4 FRAMING 16" O.C. TYP. 1/2" GWB FINISH THROUGHOUT	W8B 2 LAYERS OF 12.7MM TYPE "X" GYPSUM WALL BOARD TO ONE SIDE + 2 ROWS 38MM X 89MM STUDS SPACED 400MM O.C. STAGGERED ON COMMON 38MM X 140MM PLATE + 89MM THICK ABSORPTIVE MATERIAL ON ONE SIDE + 12.7MM TYPE "X" GYPSUM WALL BOARD ON OTHER SIDE
W2 2X6 FRAMING 16" O.C. TYP. 1/2" GWB FINISH THROUGHOUT	F8D DEMISING FLOOR: (30MIN AS PER F8D - TABLE 9.10.3.1.B) SUBFLOOR OF 15.9MM PLYWOOD, OSB OR WAFERBOARD, OR 17MM TONGUE AND GROOVE LUMBER + WOOD JOISTS OR WOOD JOISTS SPACED MAX. OF 600MM O.C. + ABSORPTIVE MATERIAL IN CAVITY + RESILIENT METAL CHANNELS SPACED 600MM + 15.9MM TYPE "X" GYPSUM WALL BOARD
W3 EXTERIOR FINISH, 3/4" AIR SPACE, PRESSURE TREATED STRAPPING, SHEATHING PAPER, 1/2" SHEATHING, 2X6 STUDS AT 16" O.C., R-20 BATT INSULATION, 6 MIL POLY V.B., 1/2" GWB. (SEE ELEVATIONS)	

CONSTRUCTION NOTES:

1 R40 INSULATION, 6 MIL POLY V.B. 1/2" CEILING BOARD	8 PROVIDE ROOF VENTS: VENT 1/150 USING SHINGLE VENT IF RIDGE VENT	13 42" NON-CLIMBABLE CONTINUOUS HANDRAIL
2 CONTINUOUS GUTTERS	9 EAVE PROTECTION TO 12" BEYOND HEATED WALL	14 UNDISTURBED NON-ORGANIC SOIL
3 ALUMINUM GUTTERS AND VENTED SOFFITS - ROOF OVERHANGS AS PER PLANS	10 8" CONCRETE WALL ON 8"x16" CONCRETE FOOTINGS - 2#4 BAR CONTINUOUS - R12 RIDGID INSULATION - 2 COATS DAMP PROOFING	
4 ALL WINDOWS WITH SUPPLY RAIN PAN UNDER, RAINSCREEN AS PER BCBC. WINDOWS IN DOORS TO BE SAFETY GLASS	11 CALK OVER AND AROUND ALL EXTERIOR OPENINGS	
5 STAIRS: 7.5/8" RISE, 10.05" TREAD, 1" NOSING WITH CONTINUOUS HANDRAIL	12 10"x10" POST SADDLE ON 8" PILASTER 26"x26" CONCRETE FOOTING (NOT SHOWN)	
6 PROVIDE DRAINS TO PERIMETER SYSTEM		
7 4" DRAIN TILE WITH 6" ROCK OVER		

ADD INTERCONNECTED PHOTO-ELECTRIC SMOKE ALARM CONFORMING TO ARTICLE 9.37.2.19. DWELLING UNITS TO BE SEPARATED FROM EACH OTHER BY A FIRE SEPARATION HAVING A FIRE-RESISTANCE RATING OF NOT LESS THAN 30 min AS PER 9.37.2.15.(b)

ALL POT LIGHT CAVITIES IN CEILINGS, PLUMBING BOXES, FANS, ELECTRICAL PANELS IN PARTY WALLS TO BE COMPLETELY SEALED AND FIRE RATED WITH TYPE "X" DRYWALL



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

ADDRESS:
SL 5 - 921 ROSEFINCH PLACE,
LANGFORD
CUSTOMER:
TEKLOCH HOMES LTD.

DRAWING NAME:
FOUNDATION PLAN,
CROSS SECTION, & DETAILS
DRAWING SCALE:
1/4" = 1'-0" / SEE DRAWINGS

ISSUE DATE:
DEC. 03, 2024
DRAWN BY:
KH
CHECKED BY:
KYLE LEGGETT

102 - 2871 JACKLIN ROAD
VICTORIA BC V9B 0P3
JAVADESIGNS.CA
250.590.2468

JAVA DESIGNS

SHEET NUMBER

A2

SCOTT
ENGINEERING INC.
Permit No. 1000106

JOHN C. SCOTT, P.Eng.
Structural Engineer

2148 ANTHONIS CRESCENT
COLWOOD, BC V9B 8P5
TEL: 250 893 1444
joh@scottengineering.ca

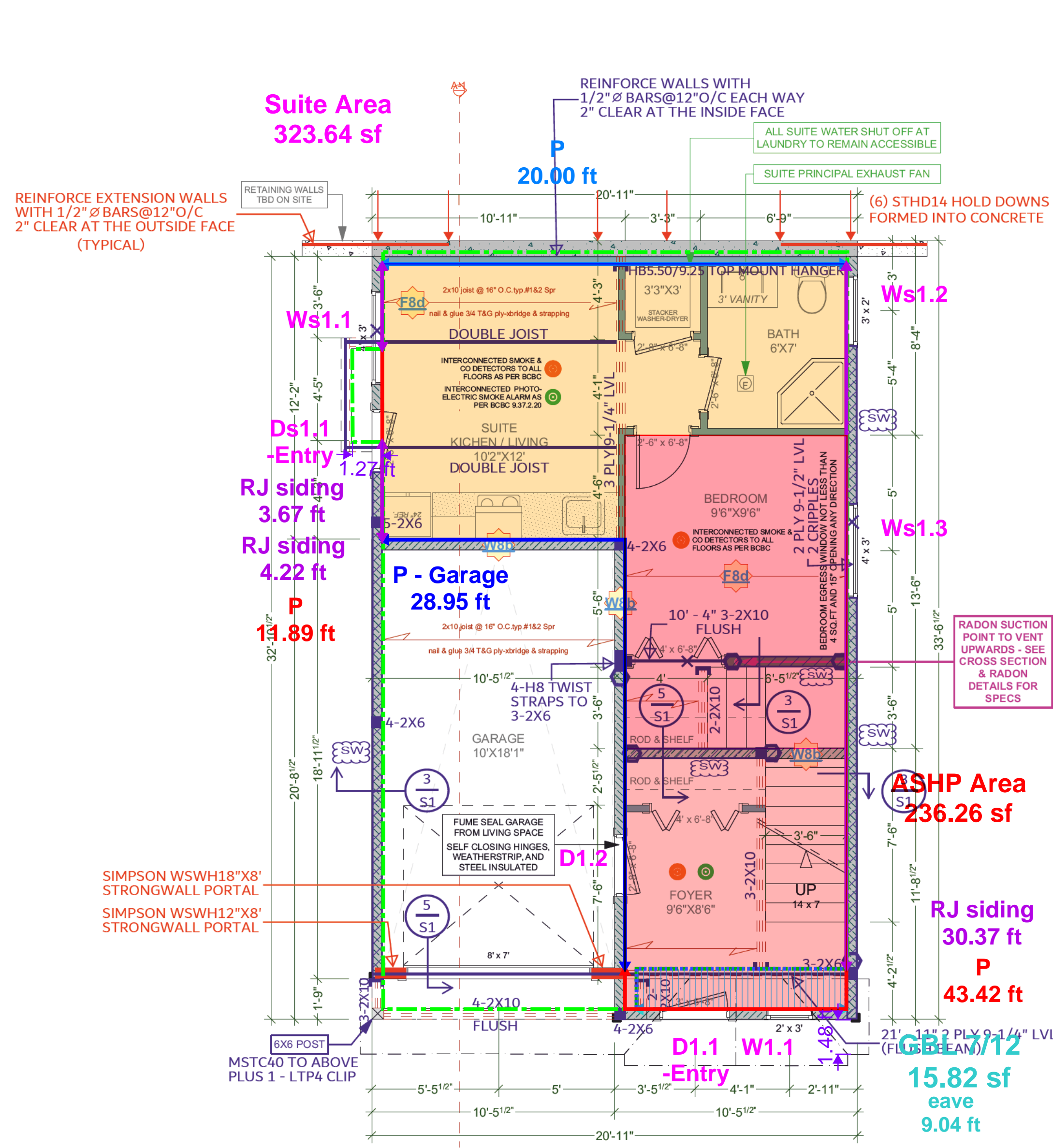
REGISTERED PROFESSIONAL ENGINEER
B.C. REG. NO. 23595
2024-12-09

SEE DETAILS ON PAGE S1

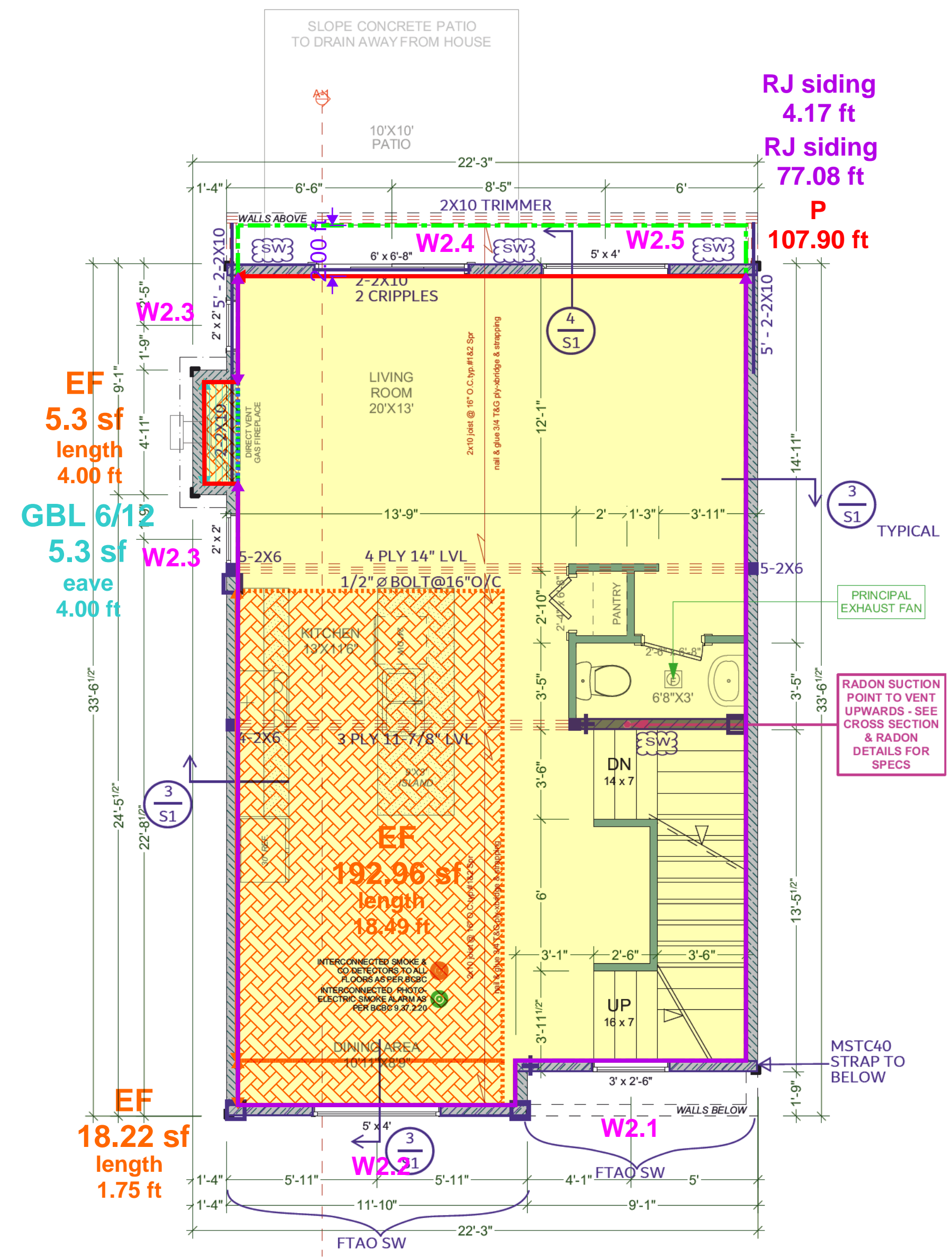
WALKOUT - h=8.083'
L = 104.25 ft
A = 430.85 sf

MAIN - h=9.083'
L = 107.90 ft
A = 641.9 sf

UPPER - h=8.083'
L = 109.25 ft
A = 676.6 sf



LOWER FLOOR PLAN (8'-0 3/4" WALLS)
 SCALE: 1/4" = 1' - 0"
 HOUSE FLOOR AREA: 117.51 sq ft (10.91 sq m)
 SUITE FLOOR AREA: 367.63 sq ft (34.15 sq m)
 TOTAL LOWER FLOOR AREA: 485.59 sq ft (45.11 sq m)
 GARAGE AREA: 198.14 sq ft (18.40 sq m)



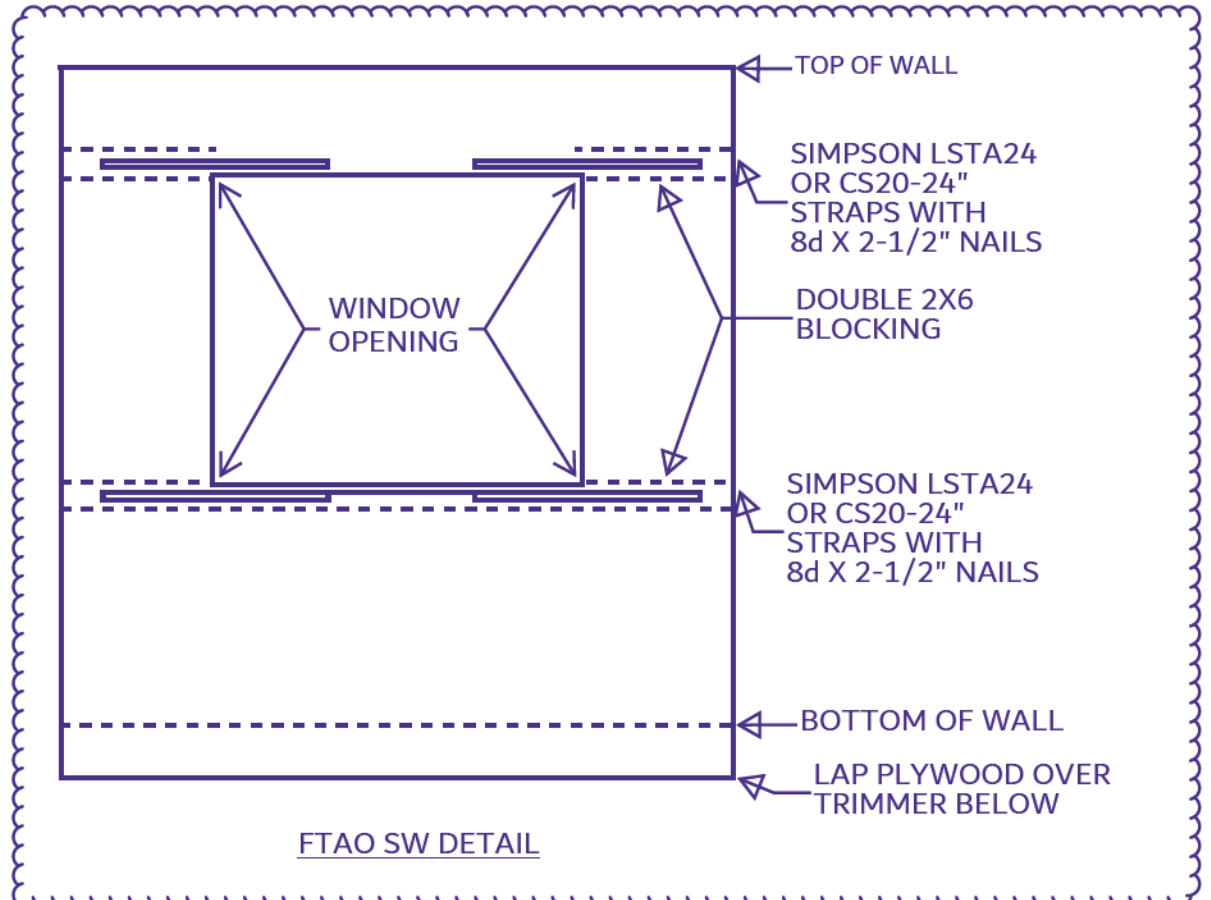
MAIN FLOOR PLAN (9'-0 3/4" WALLS)
 SCALE: 1/4" = 1' - 0"
 MAIN FLOOR AREA: 692.24 sq ft (64.31 sq m)



UPPER FLOOR PLAN (8'-0 3/4" WALLS)
 SCALE: 1/4" = 1' - 0"
 UPPER FLOOR AREA: 727.52 sq ft (67.58 sq m)

DEMISING WALL: (45MIN AS PER W88 - TABLE A-9.10.3.1.A) MINIMUM STC RATING OF 45 AS PER BCBC • 2 LAYERS OF 1/2" TYPE "X" GYPSUM WALL BOARD TO ONE SIDE • 2 ROWS 38MM X 88MM STUDS SPACED 600MM O.C. STAGGERED ON COMMON 38MM X 140MM PLATE • 60MM THICK ABSORPTIVE MATERIAL ON ONE SIDE • 12.7MM TYPE "X" GYPSUM WALL BOARD ON OTHER SIDE	DEMISING FLOOR: (30MIN AS PER F8D - TABLE A-9.10.3.1.B) • SUBFLOOR OF 15.5MM PLYWOOD, OSB OR WATERBOARD, OR 17MM TONGUE AND GROOVE LUMBER • WOOD JOISTS OR WOOD I-JOISTS SPACED MAX. OF 600MM O.C. • ABSORPTIVE MATERIAL IN CAVITY • RESILIENT METAL CHANNELS SPACED 600MM • 15.5MM TYPE "X" GYPSUM WALL BOARD
--	---

ADD INTERCONNECTED PHOTO-ELECTRIC SMOKE ALARM CONFORMING TO ARTICLE 9.37.2.19. DWELLING UNITS TO BE SEPARATED FROM EACH OTHER BY A FIRE SEPARATION HAVING A FIRE-RESISTANCE RATING OF NOT LESS THAN 90 MIN AS PER 9.37.2.15.(i) ALL POT LIGHT CAVITIES IN CEILINGS, PLUMBING BOXES, FANS, ELECTRICAL PANELS IN PARTY WALLS TO BE COMPLETELY SEALED AND FIRE RATED WITH TYPE "X" DRYWALL



EXTERIOR WALLS: 2X6@16"O.C.
 7/16" OSB WITH 2-1/2" NAILS@6" THROUGHOUT -GAP EDGES 1/4"
 1/2"x8" ANCHOR BOLTS@32"O.C.
 SHEAR WALL (SW): 7/16" OSB -GAP EDGES 1/8"
 2-1/2" NAILS@3"O.C. AT EDGES
 2-1/2" NAILS@6"O.C.@INTERMEDIATE STUDS
 1/2"x8" ANCHOR BOLTS@16"O.C.
 PLACE ALL SHEETS HORIZONTALLY
 (ALL 2-1/2" NAILS = 0.131" SHANK)

SCOTT ENGINEERING INC.
 PROFESSIONAL ENGINEER
 JOHN G. SCOTT, P.Eng.
 Structural Engineer
 3148 ANTRORBUS CRESCENT
 COLWOOD, BC V9B 5P5
 TEL: 250 893 1444
 jgscott@scottengr.com

SEE DETAILS ON PAGE S1 ALL LINTELS ARE 2-2X10 (U.N.O.)

SYMBOL	DESCRIPTION	DETAIL
○	HITS HOLD DOWN	(21)
+	MSTC483	(21)
□	MSTC28	(21)
○	GRK RSS SCREWS	(2a)

ADDRESS: SL 5 - 921 ROSEFINCH PLACE, LANGFORD
 CUSTOMER: TEKLOCH HOMES LTD.

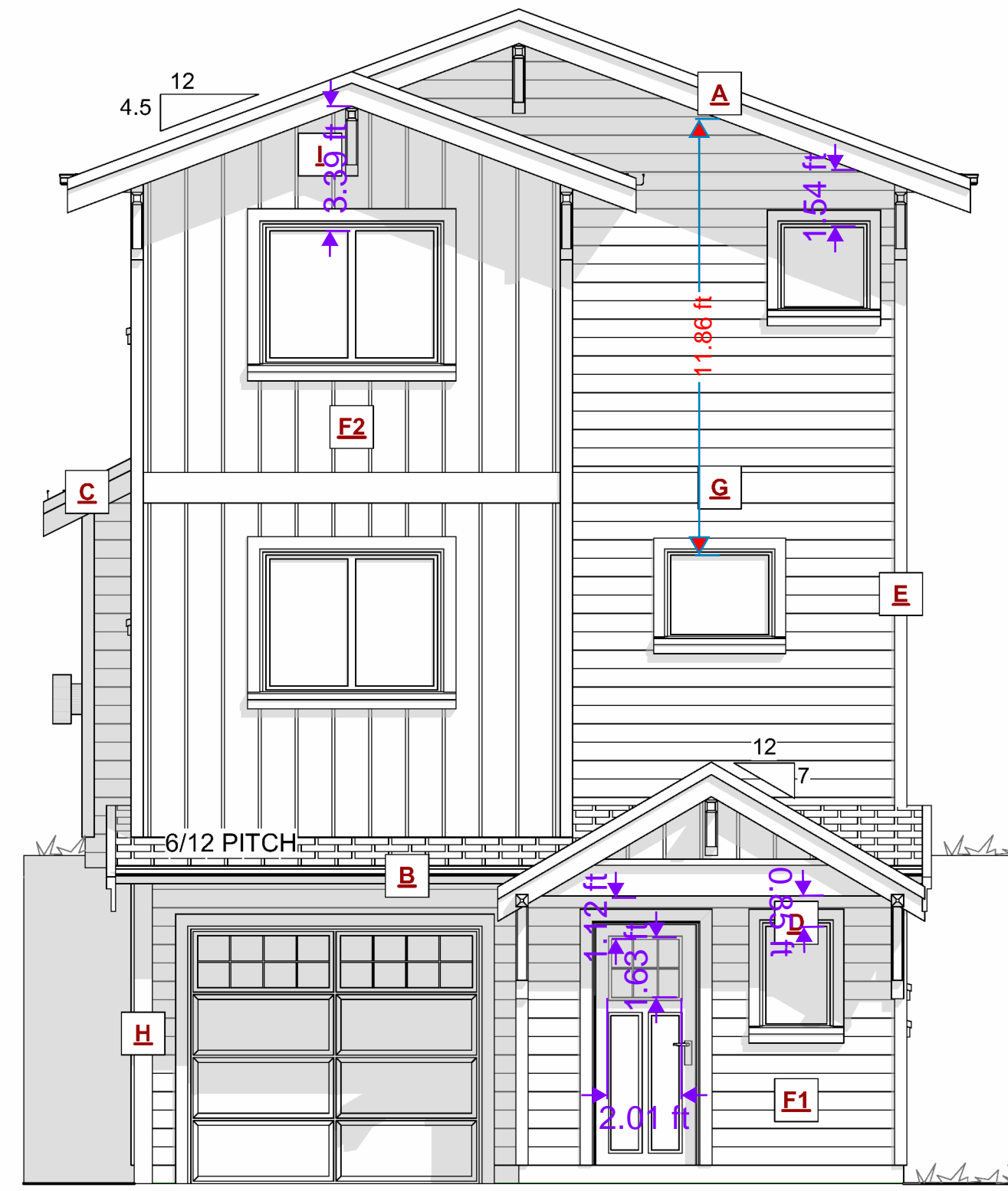
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 DRAWING SCALE: 1/4"=1'-0" / SEE DRAWINGS

ISSUE DATE: DEC. 03, 2024
 DRAWN BY: KH
 CHECKED BY: KYLE LEGGETT

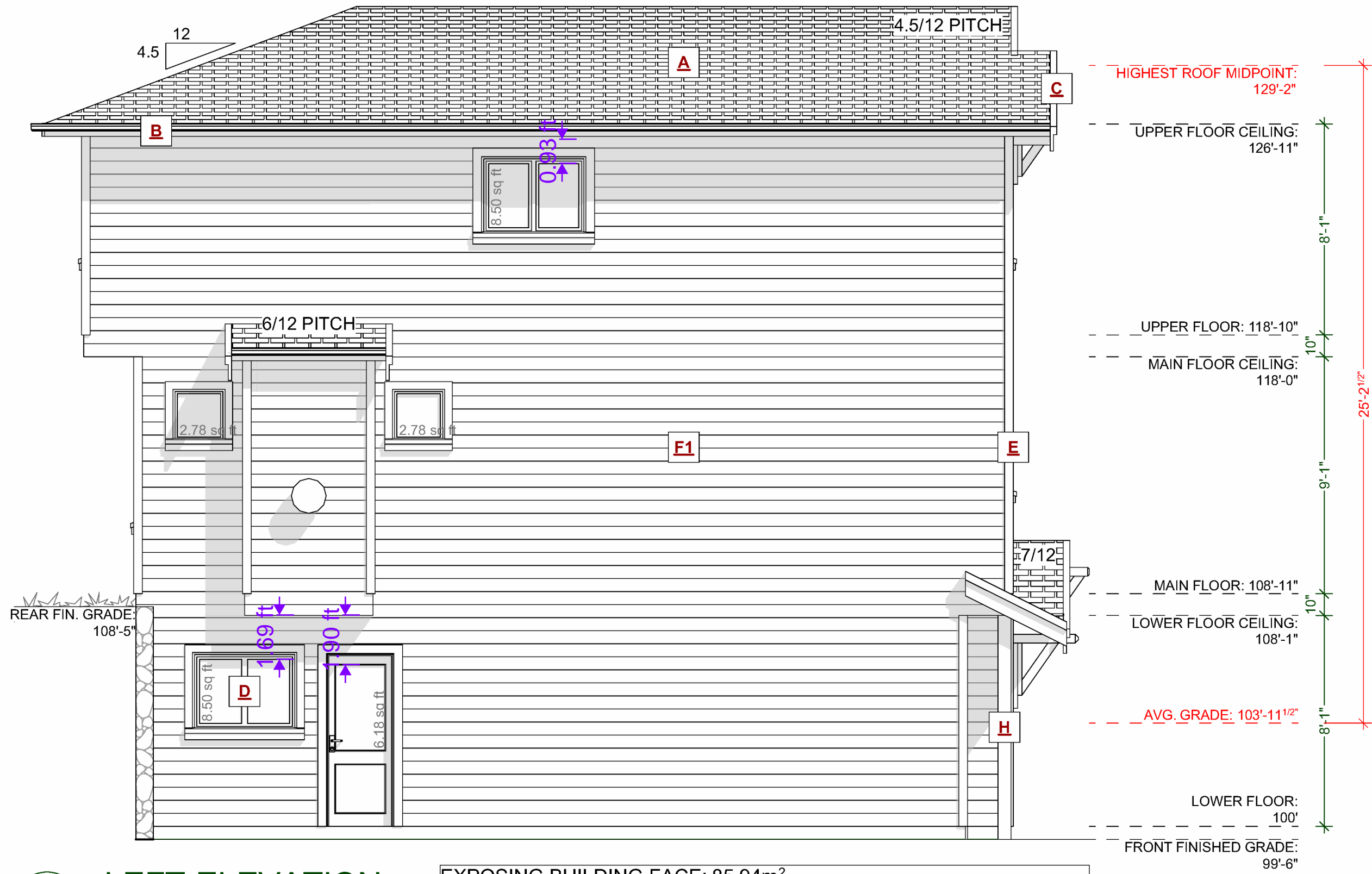
102 - 2871 JACKLIN ROAD
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JAVA DESIGNS

SHEET NUMBER
A3



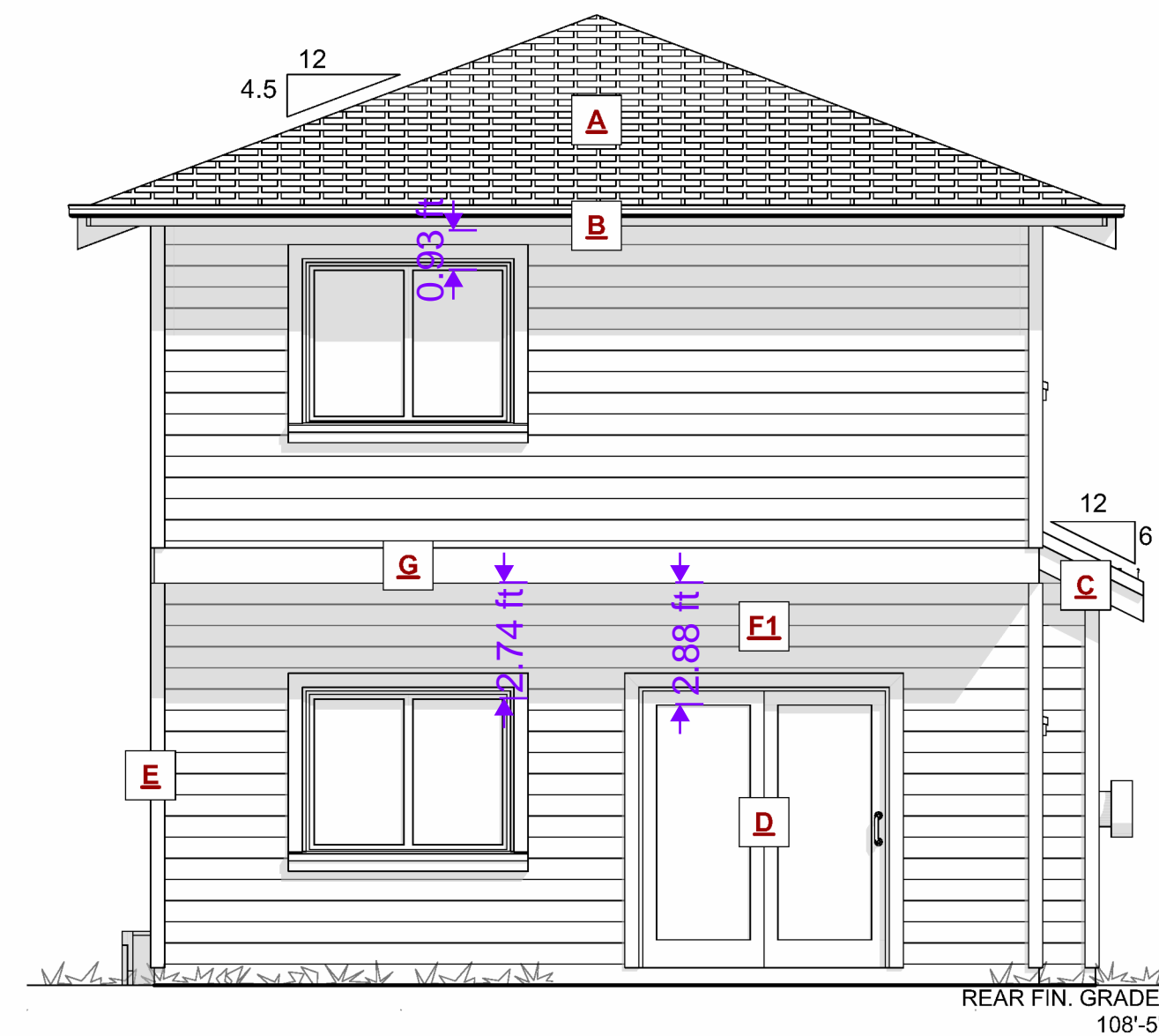
FRONT ELEVATION
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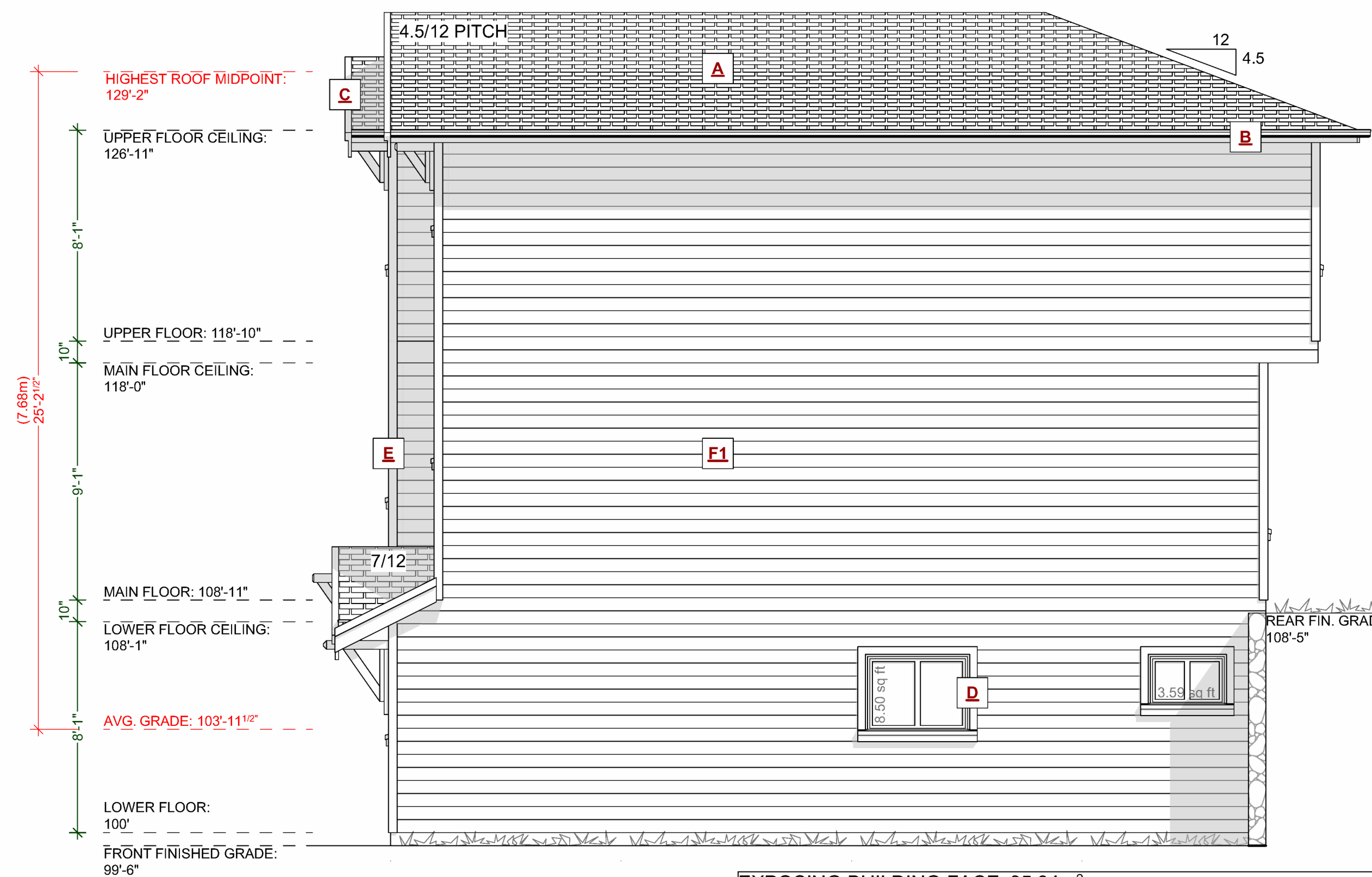
LEFT ELEVATION
SCALE: 1/4" = 1' - 0"

EXPOSING BUILDING FACE: 85.94m²
LIMITING DISTANCE: 1.50m
AREA OF GLAZED OPENINGS: 2.67m²
% GLAZED OPENINGS: 3.10%
45 min FIRE-RESISTANCE RATING: not required
TYPE OF CLADDING: no limits
PERMITTED % OF GLAZED OPENINGS (as per Table 9.10.15.4): 8.00%
PERMITTED AGGREGATE AREA OF GLAZED OPENINGS: 6.87m²

EXTERIOR FINISHES SCHEDULE				
A	ROOFING:	ASPHALT ROOFING WITH RAISED RIDGE & HIP CAPS	F1 WALL FINISH:	HARDIE-PLANK SIDING LAPPED TO 6" EXPOSURE - COLOUR AS PER OWNERS SPECS
B	GUTTER & SOFFIT:	ALUMINIUM GUTTER AND NON-VENTED SOFFIT	F2 WALL FINISH:	HARDIE-BOARD AND BATTEN 1x4 @ 16" O.C. RAINSREEN AS PER BCBC
C	BARGE BOARD:	2x10 WITH 1x4 DOUBLE BARGE BOARD, PAINTED TRIM COLOUR	G BELLY BAND:	2x10 PAINTED BELLY BAND WITH FLASHING, PAINTED TRIM COLOR
D	WINDOW & DOOR TRIM:	1x4 TRIM BOARDS - PAINTED/ STAINED	H POSTS:	POSTS - PAINTED/STAINED AS PER OWNERS SPECS
E	CORNER TRIM:	1x4 CORNER BOARDS - PAINTED/ STAINED	I KNEE BRACES:	DECORATIVE WOOD BRACES IN GABLES - SEE ELEVATIONS



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



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

EXPOSING BUILDING FACE: 85.94m²
LIMITING DISTANCE: 2.31m
AREA OF GLAZED OPENINGS: 1.12m²
% GLAZED OPENINGS: 1.30%
45 min FIRE-RESISTANCE RATING: not required
TYPE OF CLADDING: no limits
PERMITTED % OF GLAZED OPENINGS (as per Table 9.10.15.4): 9.00%
PERMITTED AGGREGATE AREA OF GLAZED OPENINGS: 7.73m²

ADDRESS:
SL 5 - 921 ROSEFINCH PLACE,
LANGFORD
CUSTOMER:
TEKLOCH HOMES LTD.

DRAWING NAME:
ELEVATIONS
DRAWING SCALE:
1/4" = 1' - 0" / SEE DRAWINGS

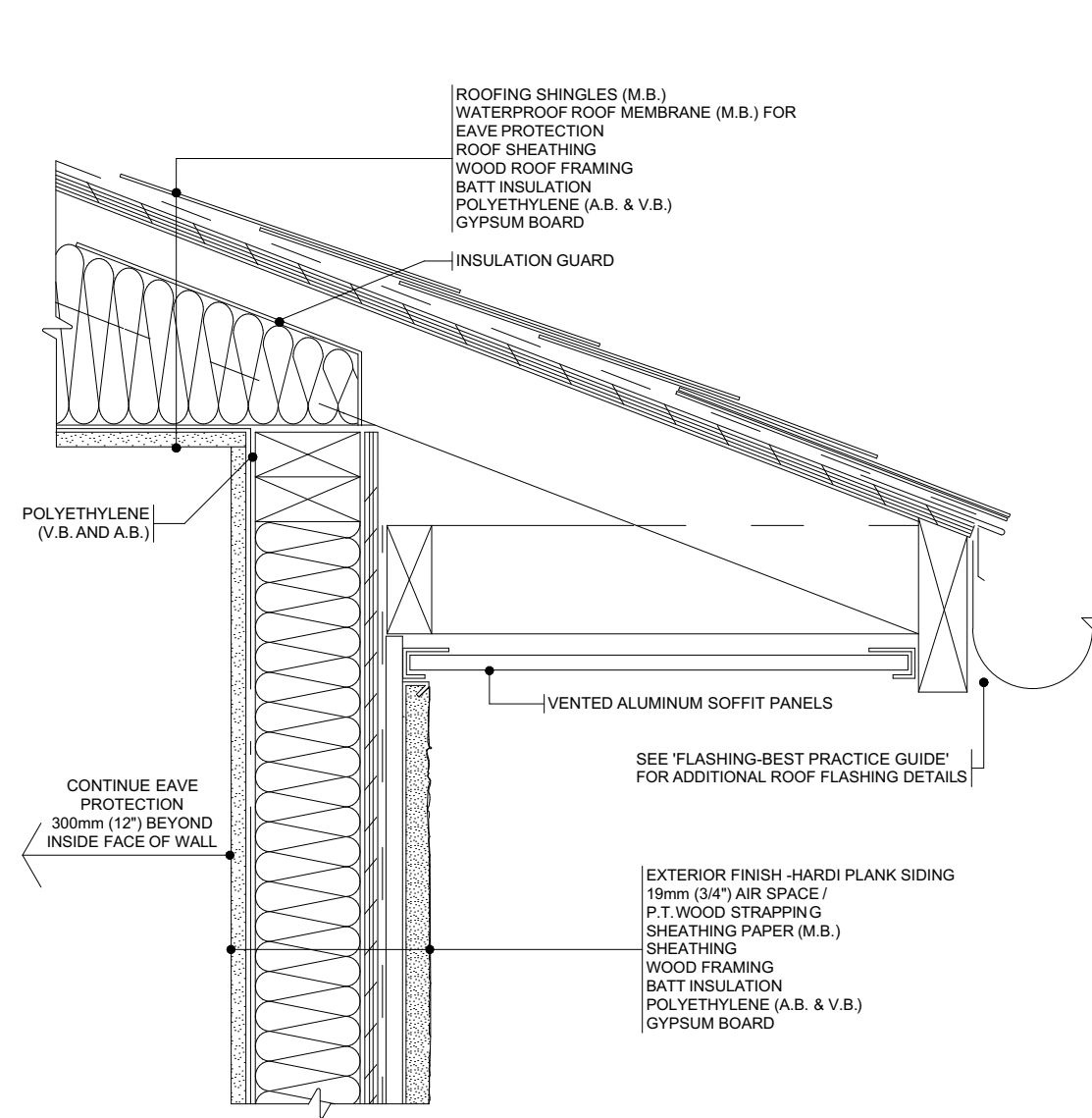
ISSUE DATE:
DEC. 03, 2024
DRAWN BY:
KH
CHECKED BY:
KYLE LEGGETT

102 - 2871 JACKLIN ROAD
VICTORIA BC V9B 0P3
JAVADESIGNS.CA
250.590.2468

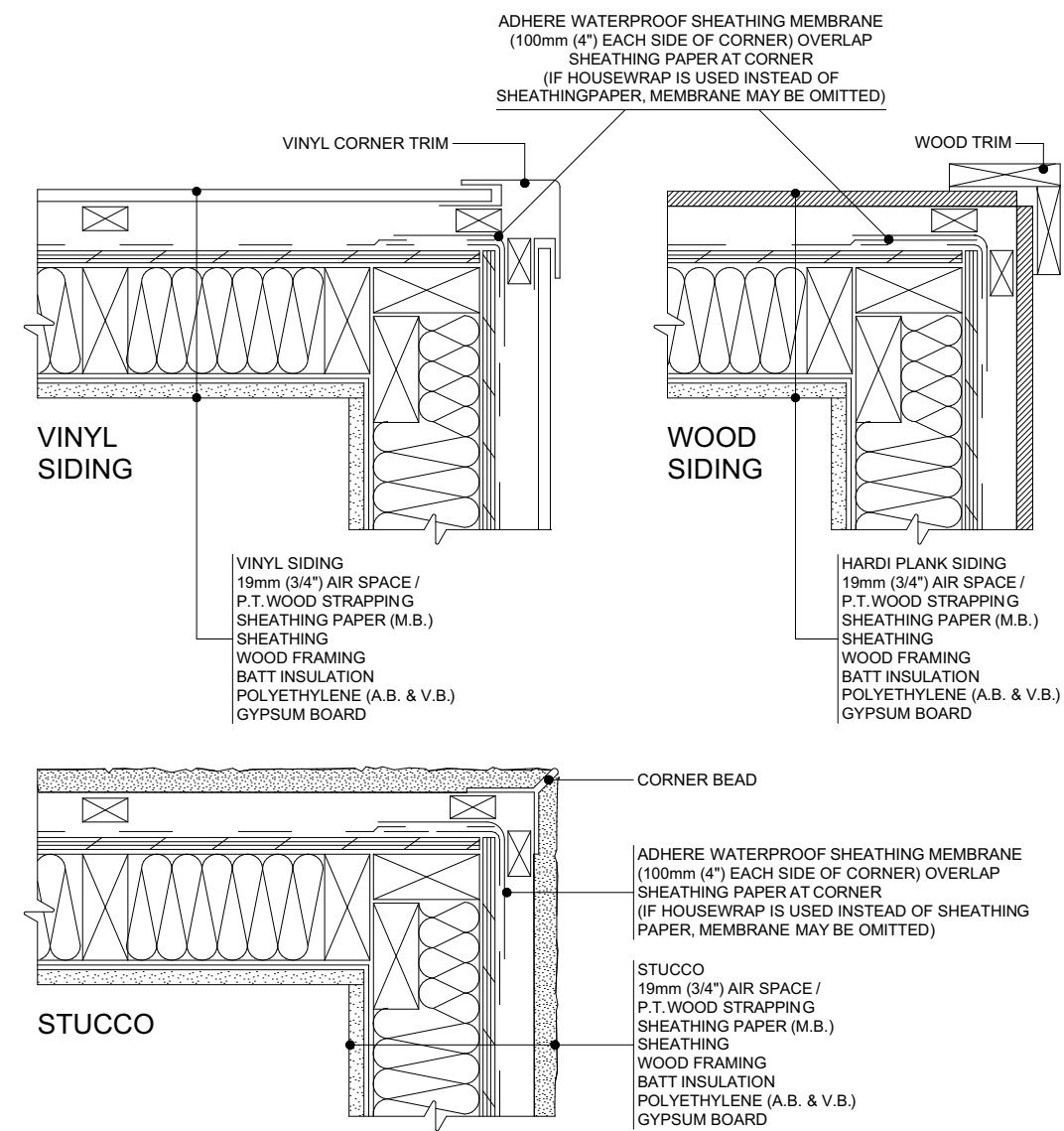


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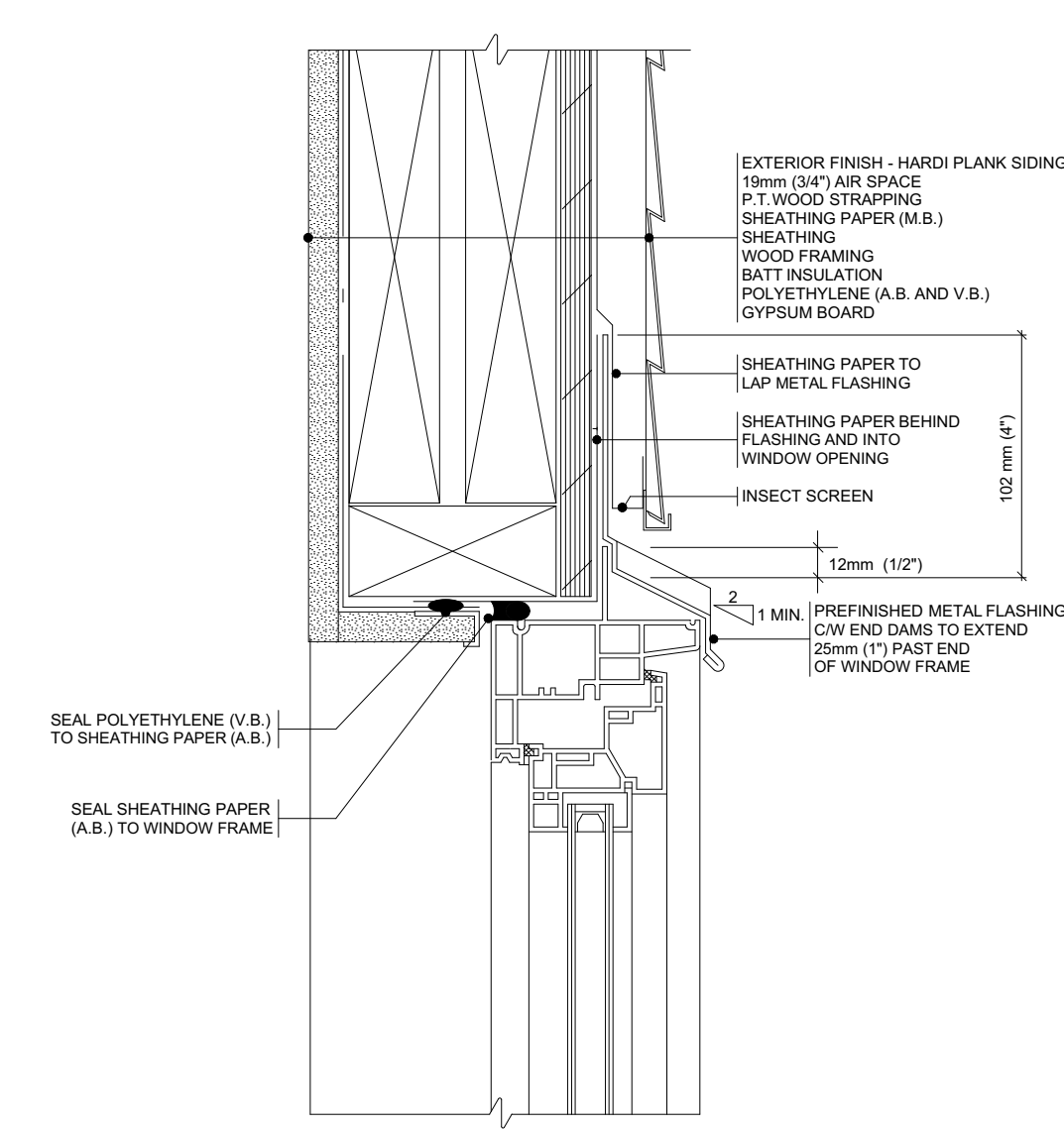
A4



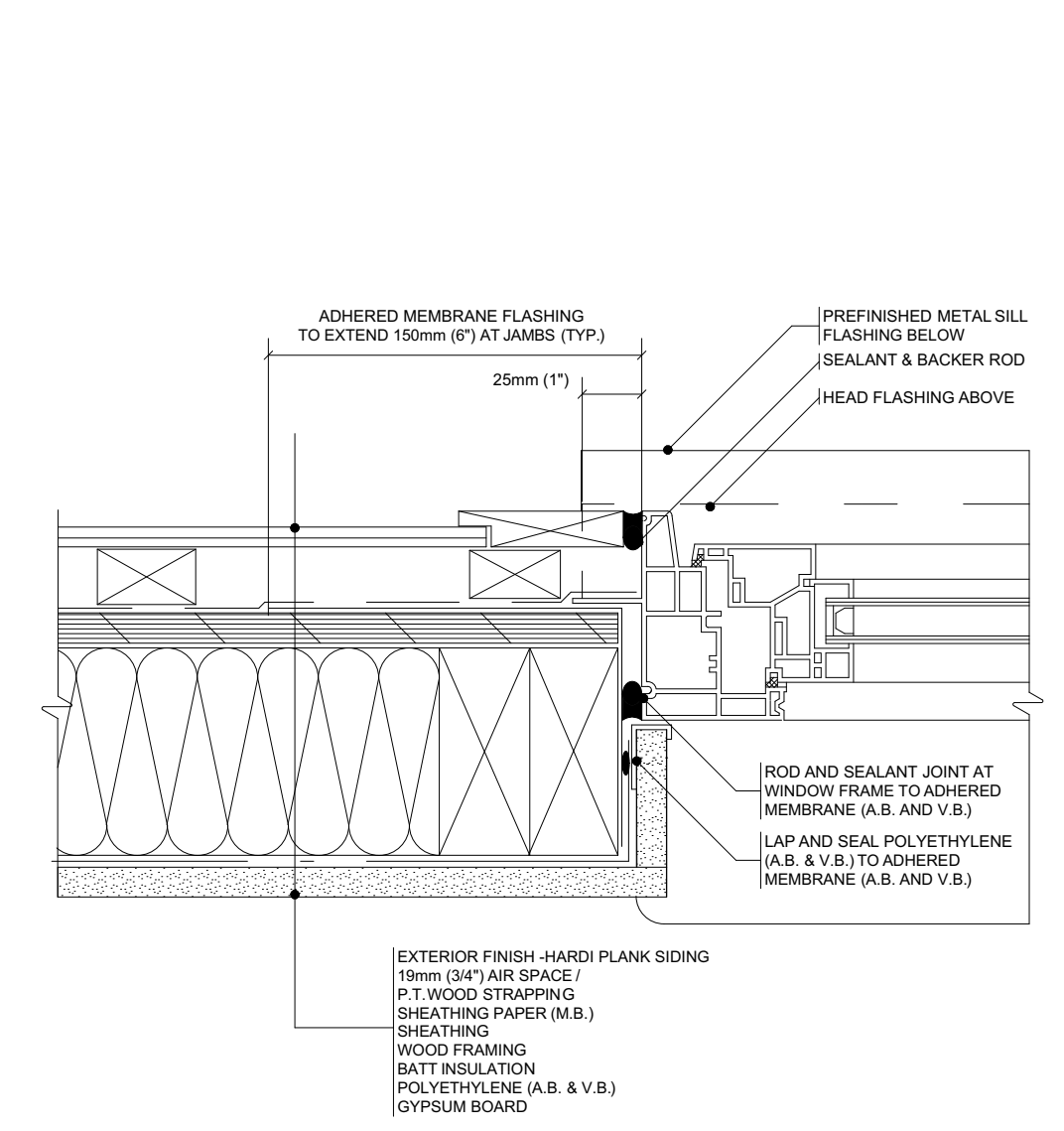
5 SPA
WATER SHEDDING ROOF / WALL
SEALED POLYETHYLENE APPROACH
BEST PRACTICE GUIDE



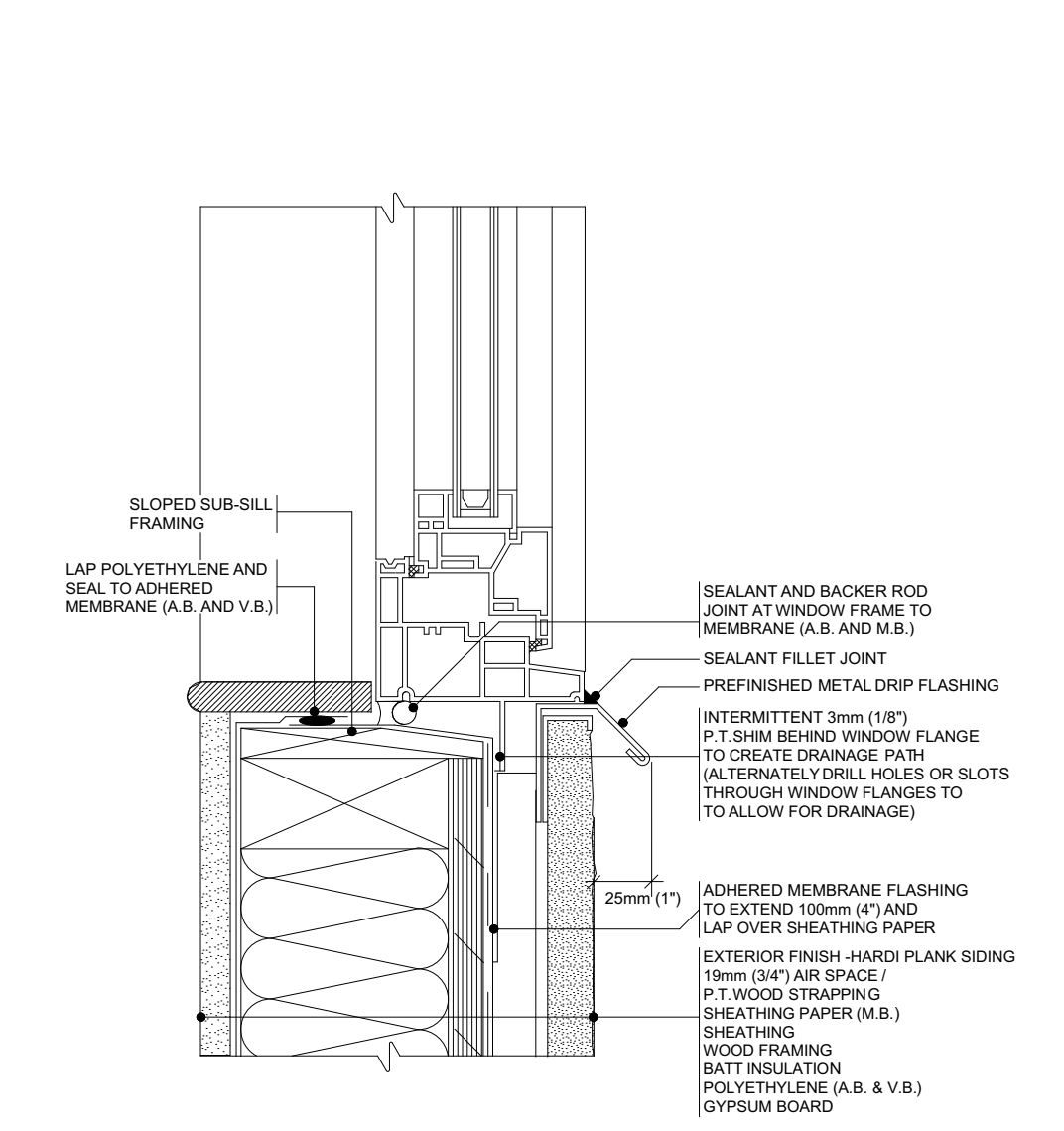
8 SPA
EXTERIOR CORNER
SEALED POLYETHYLENE APPROACH
BEST PRACTICE GUIDE



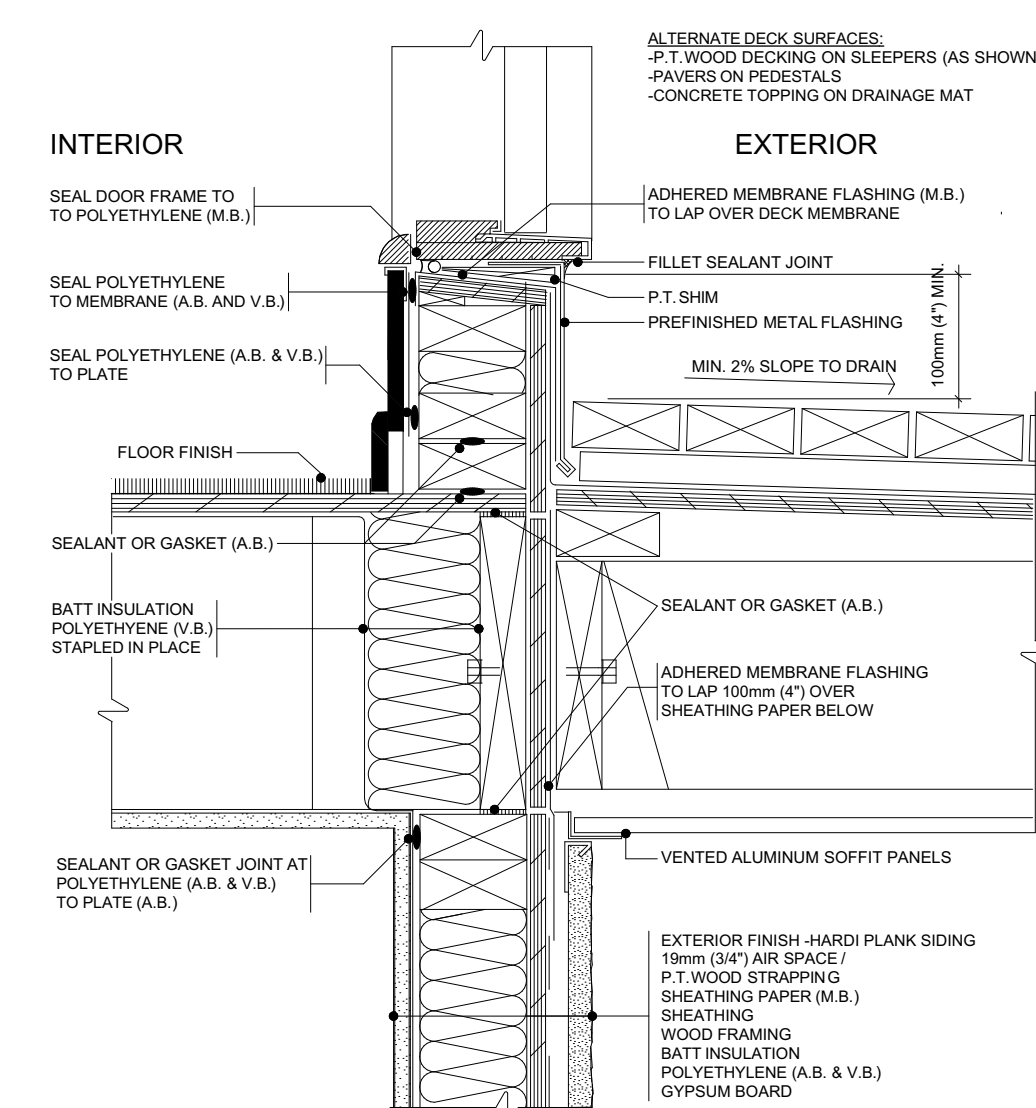
11 SPA
WINDOW HEAD
SEALED POLYETHYLENE APPROACH
BEST PRACTICE GUIDE



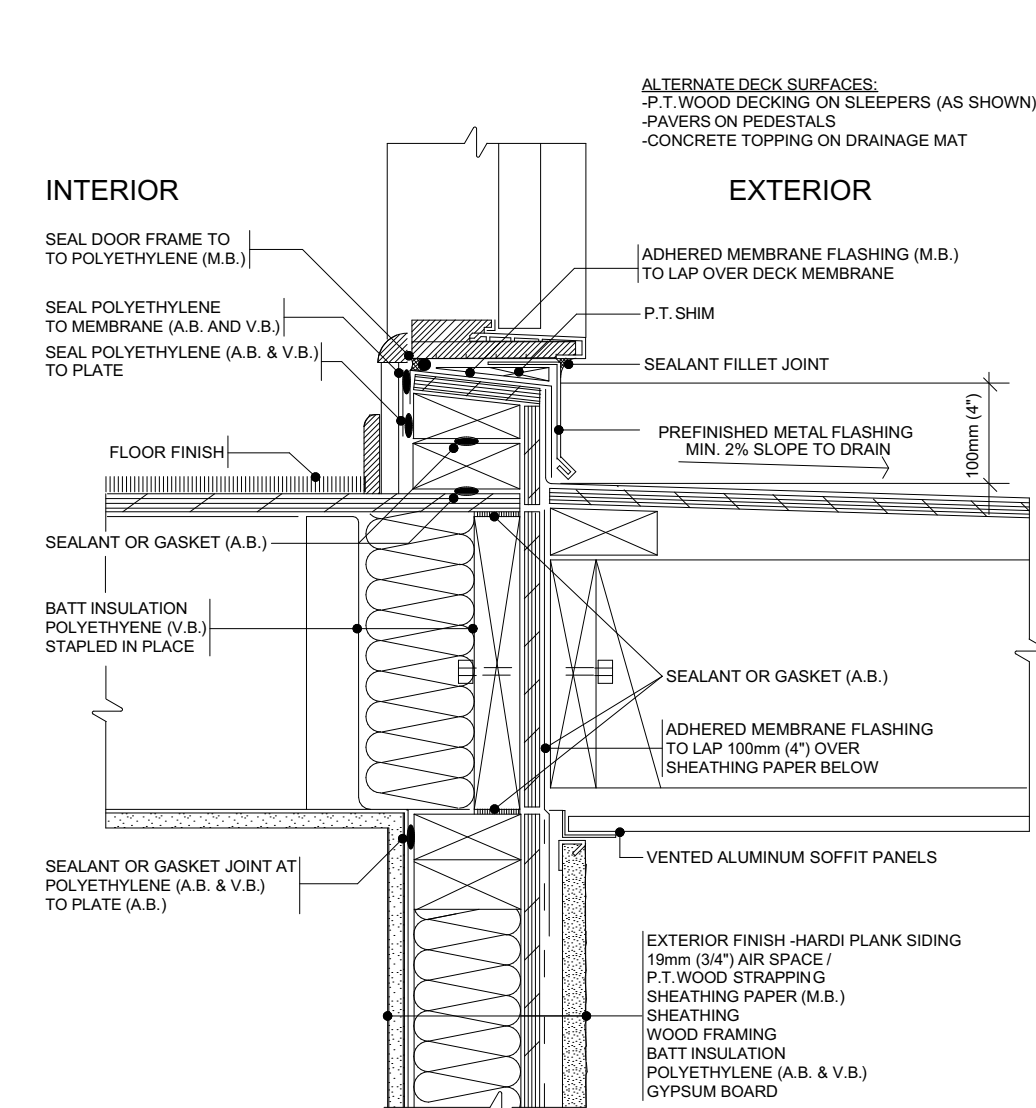
12 SPA
WINDOW JAMB
SEALED POLYETHYLENE APPROACH
BEST PRACTICE GUIDE



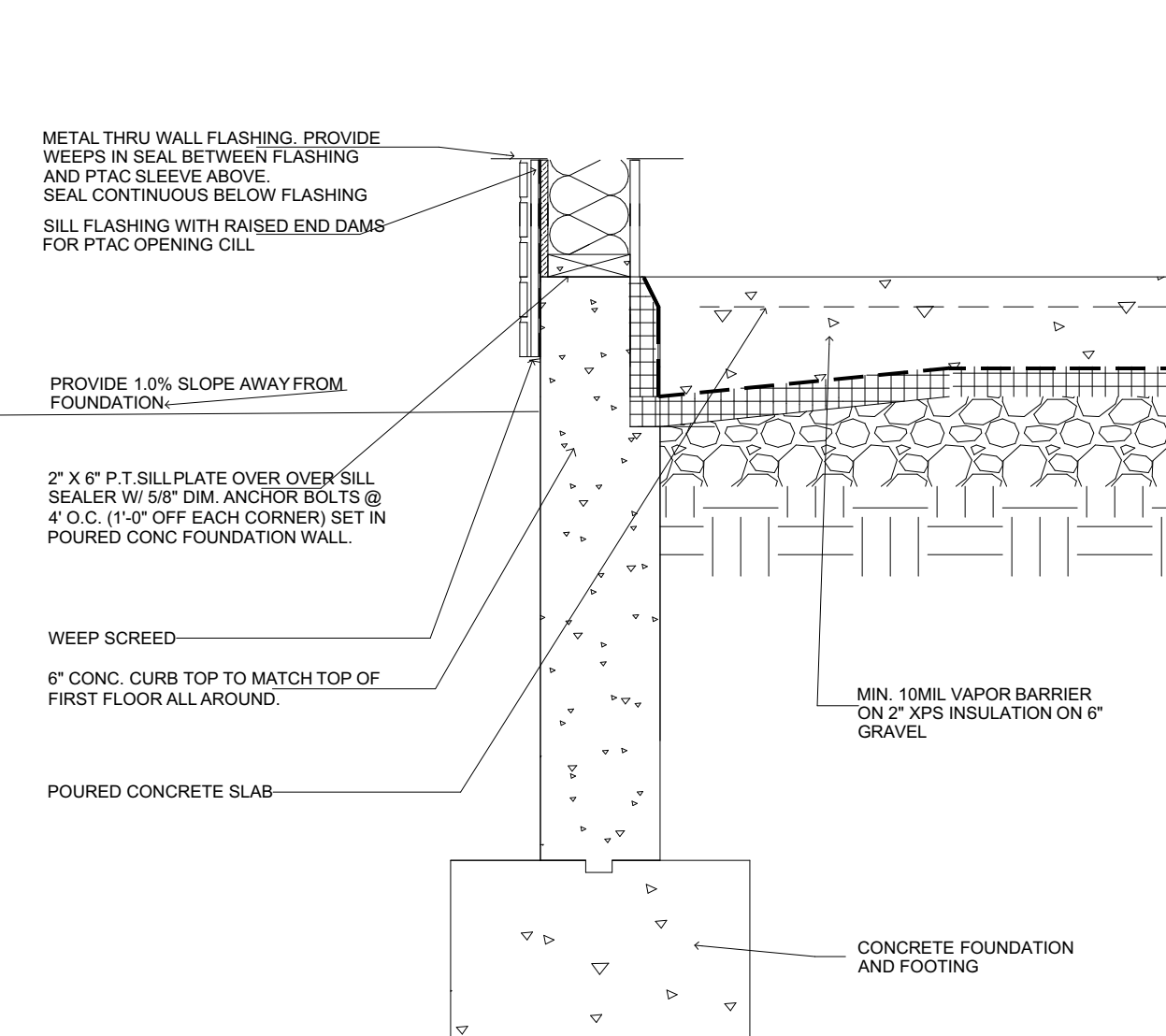
13 SPA
WINDOW SILL
SEALED POLYETHYLENE APPROACH
BEST PRACTICE GUIDE



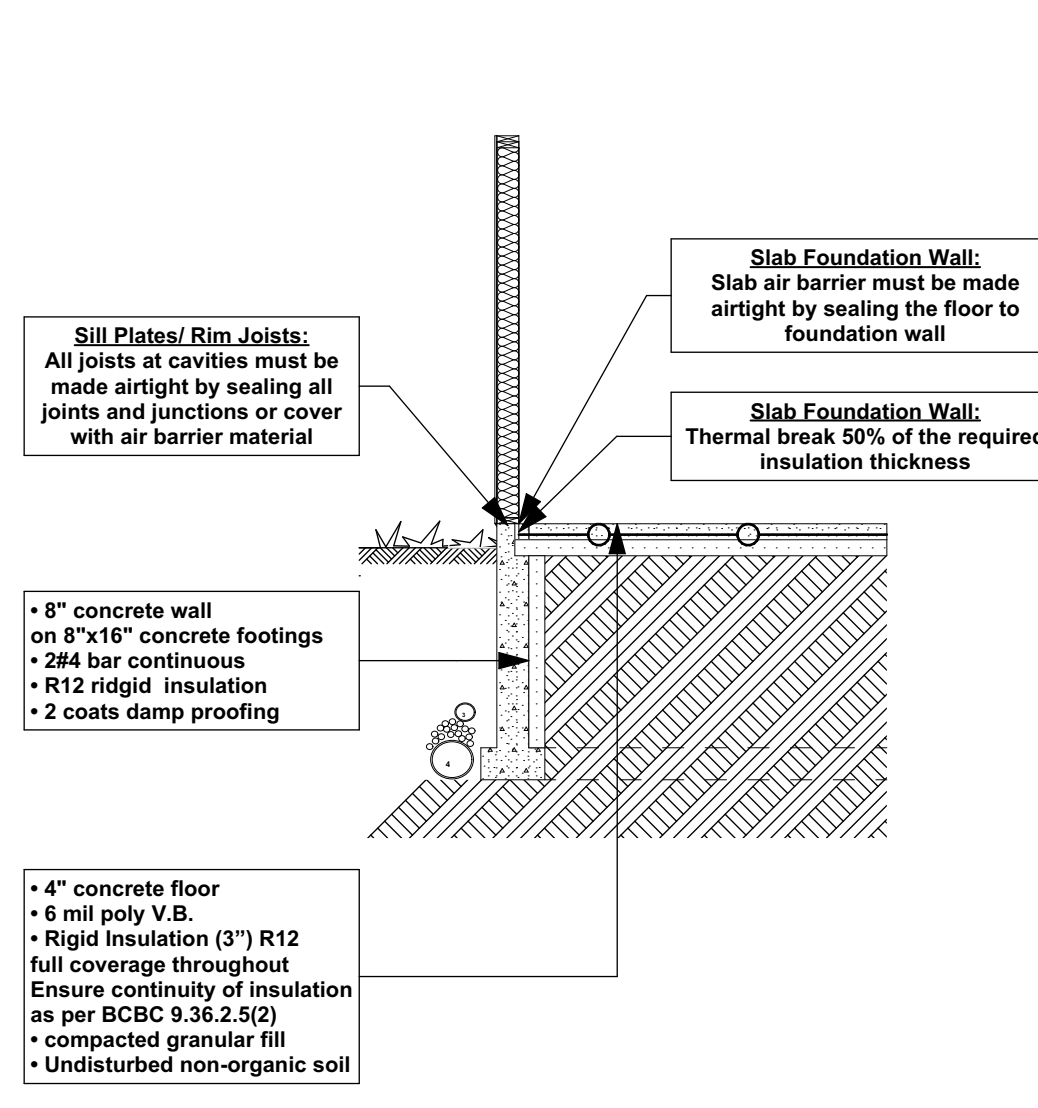
14 SPA
DOOR SILL -
EXPOSED MEMBRANE
PEDESTRIAN SURFACE
SEALED POLYETHYLENE APPROACH
BEST PRACTICE GUIDE



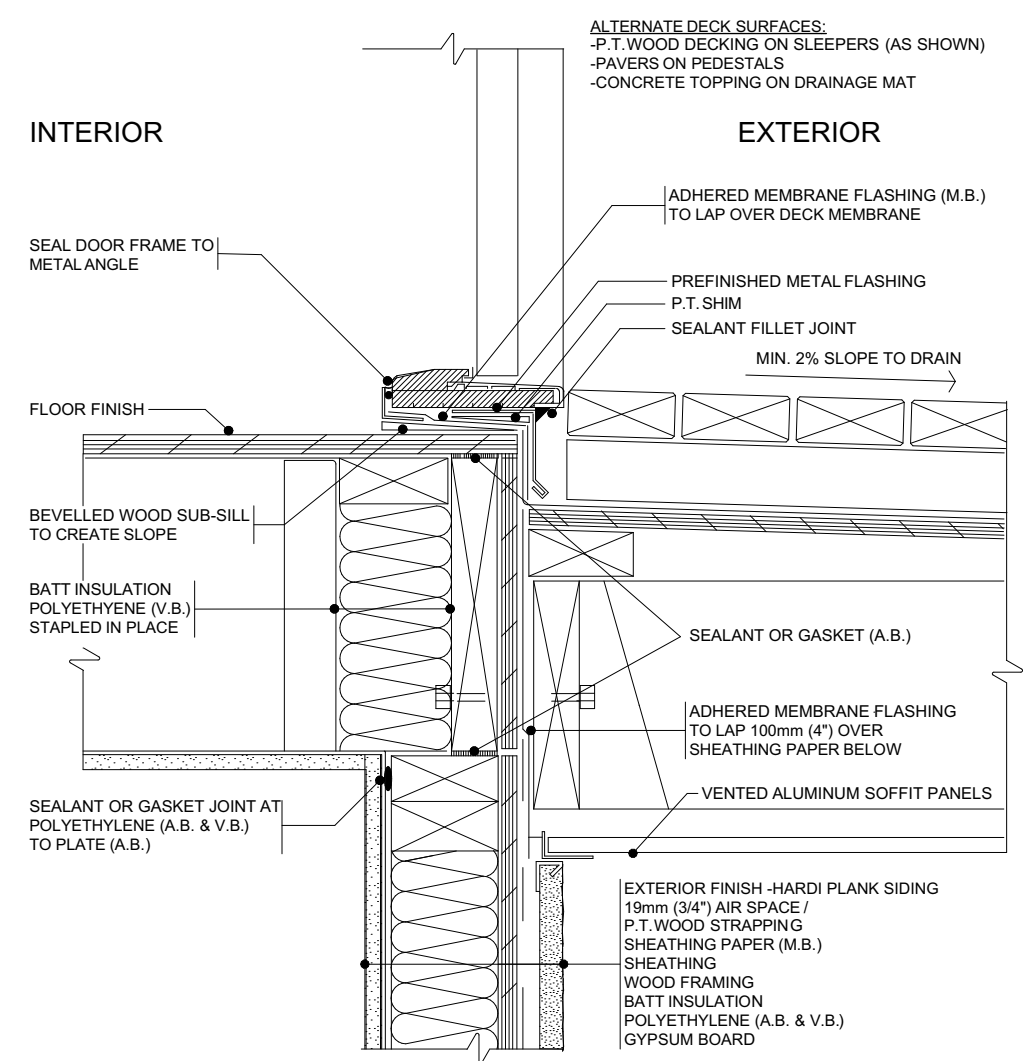
15 SPA
DOOR SILL -
EXPOSED MEMBRANE
PEDESTRIAN SURFACE
SEALED POLYETHYLENE APPROACH
BEST PRACTICE GUIDE



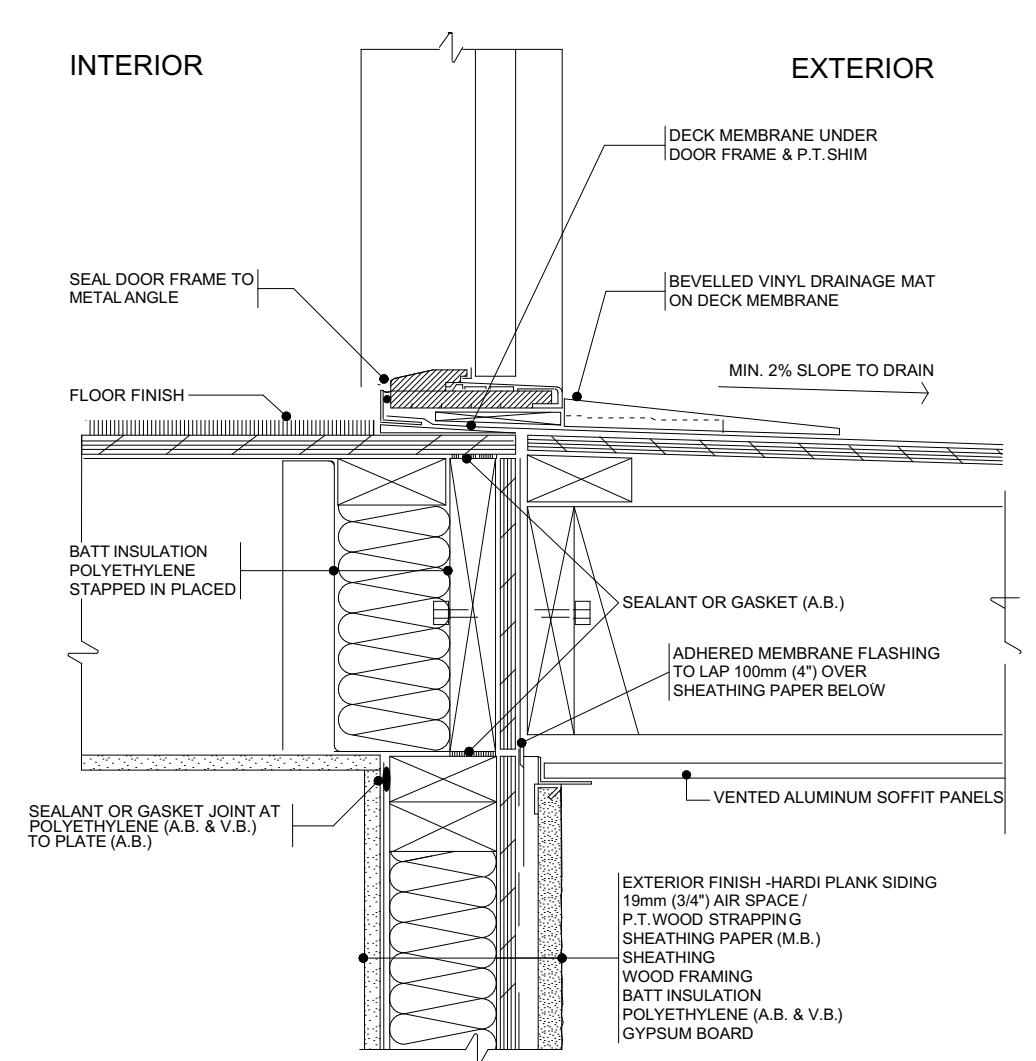
BASE OF STUD WALL DETAIL
SCALE: 1" = 1'-0"



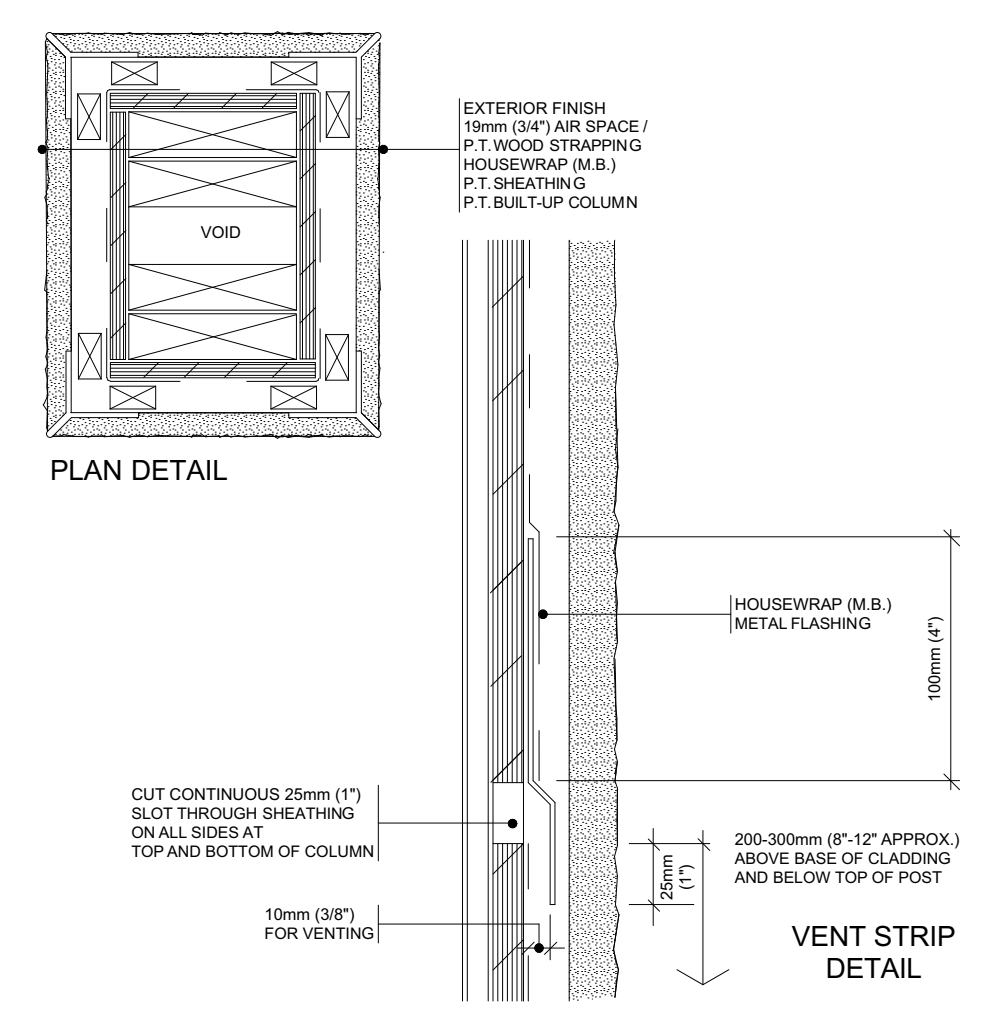
FOUNDATION DETAIL
SCALE: 1/4" = 1'-0"



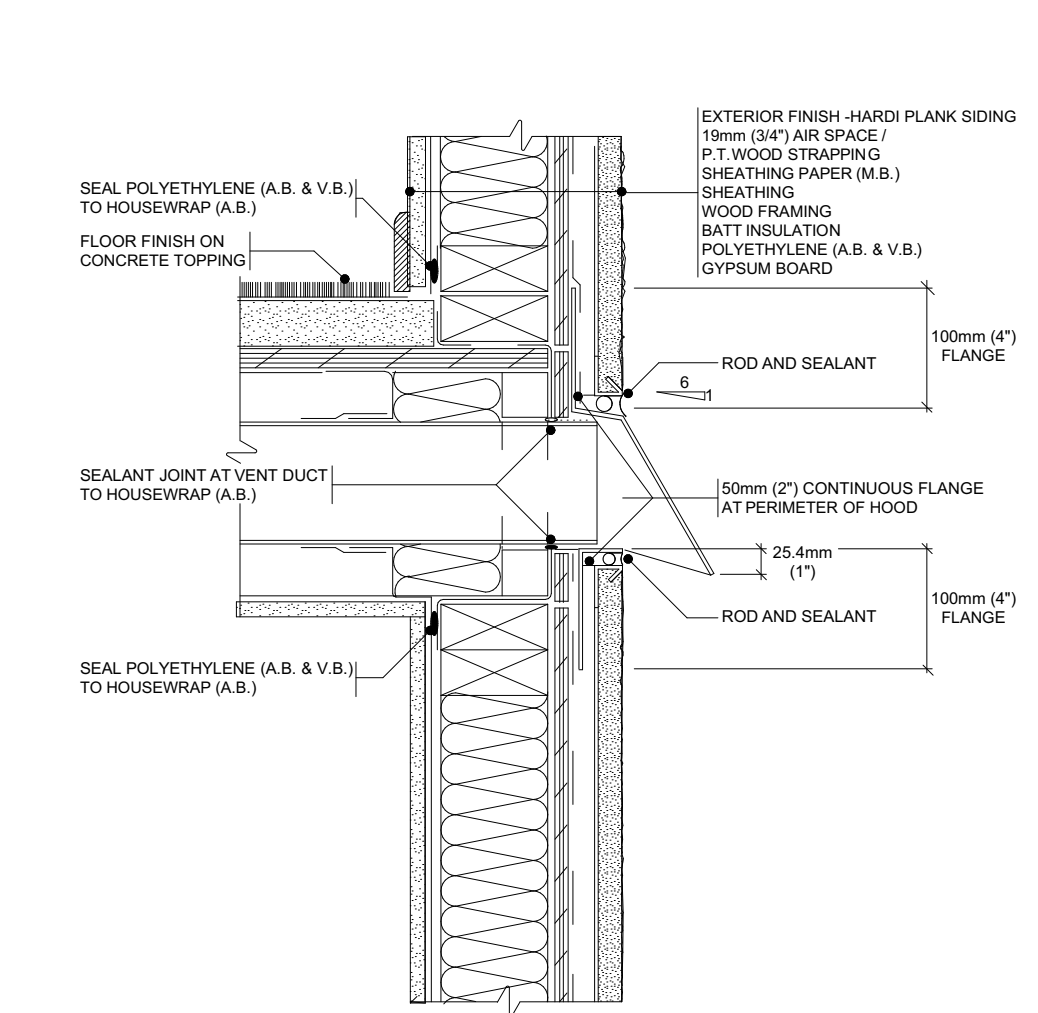
16 SPA
ACCESSIBLE DOOR SILL -
EXPOSED MEMBRANE
PEDESTRIAN SURFACE
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17 SPA
ACCESSIBLE DOOR SILL -
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LEVEL 2 FULL PASSIVE VERTICAL RADON STACK SYSTEM REQUIRED WHICH CONFORMS TO THE "RADON CONTROL OPTIONS FOR NEW CONSTRUCTION IN LOW-RISE RESIDENTIAL BUILDINGS" DOCUMENT FROM THE GOVERNMENT OF CANADA CAN/CGSB-149.11-2019 REFER TO DOCUMENT FOR SPECIFICATIONS

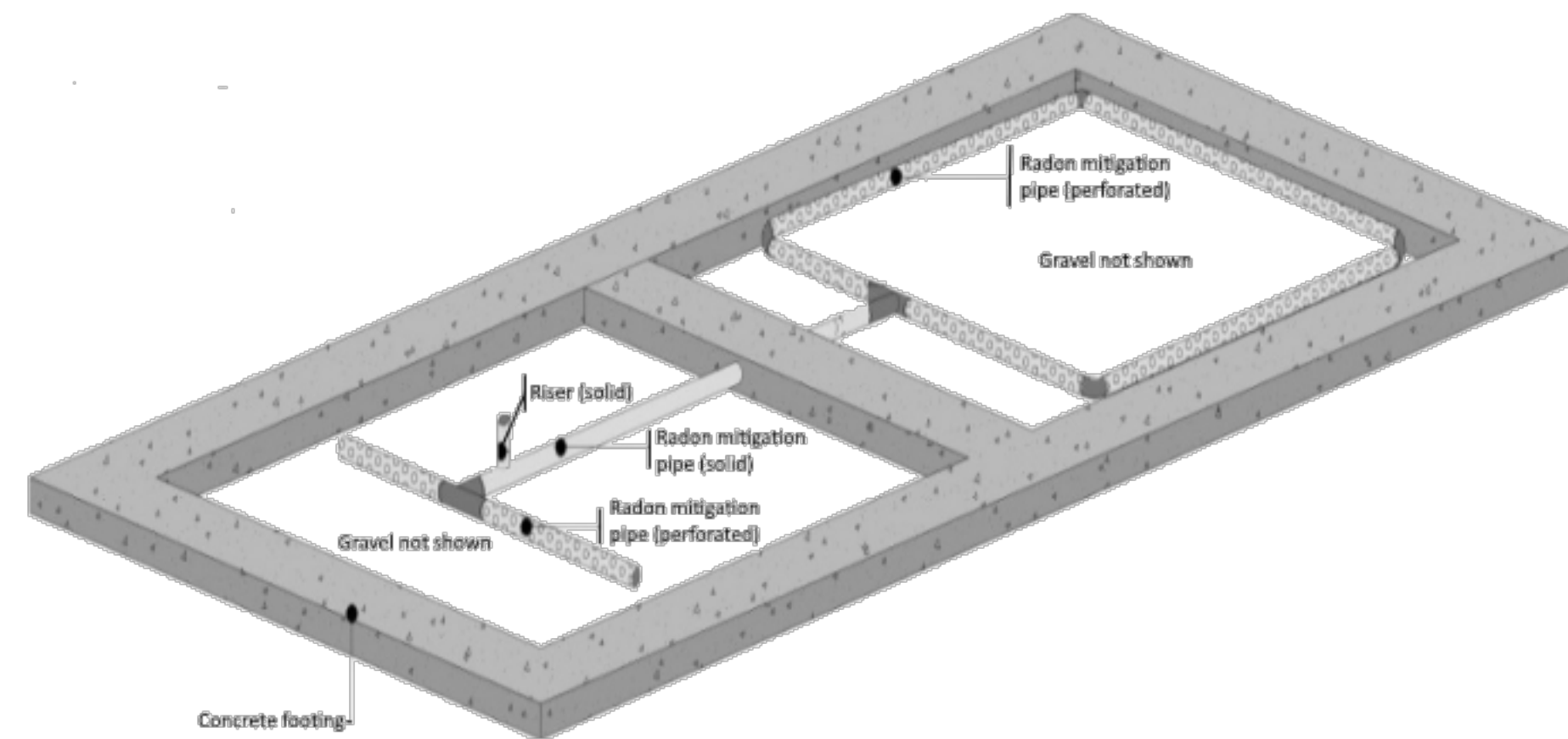


Figure 7.1.2.7— Possible interconnection of two gas permeable layers

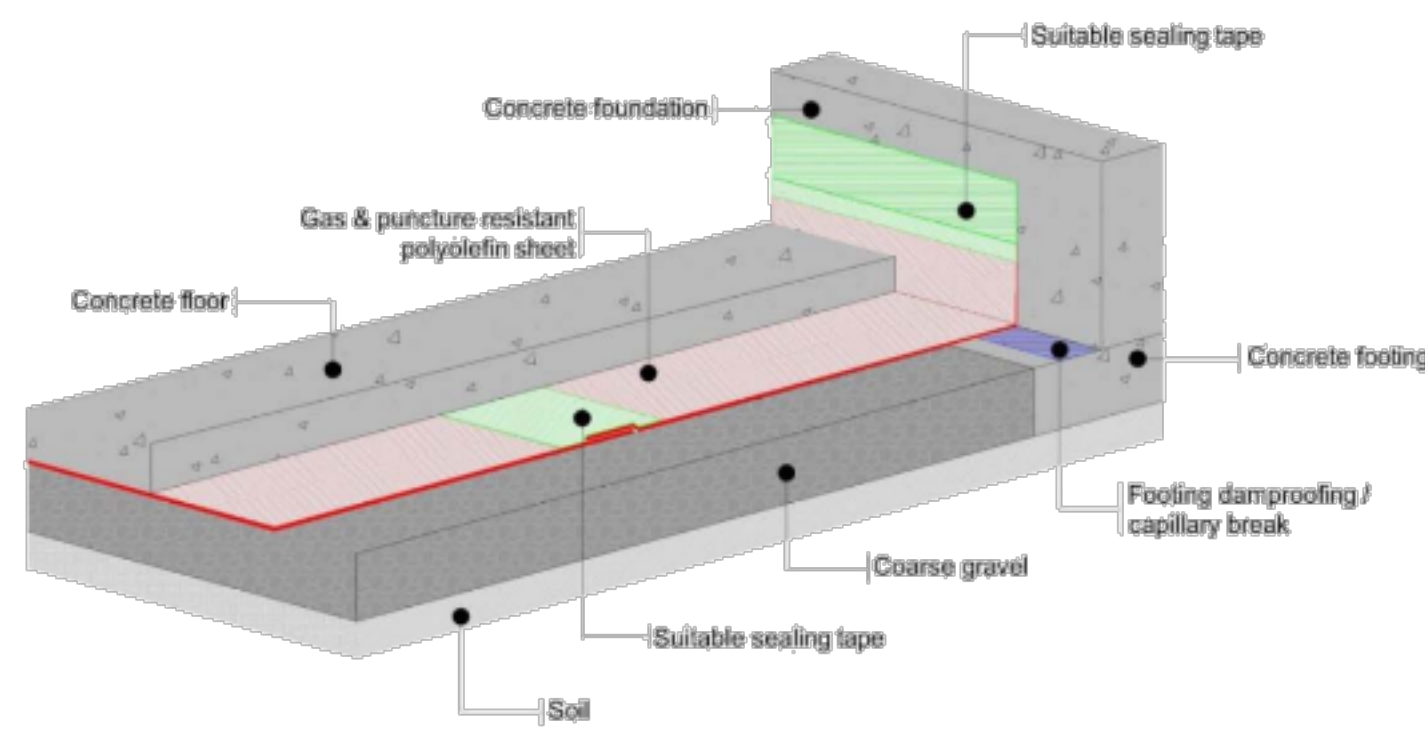


Figure 7.1.4.5.5 — Sealing sub-slab membrane vertically to concrete foundation wall

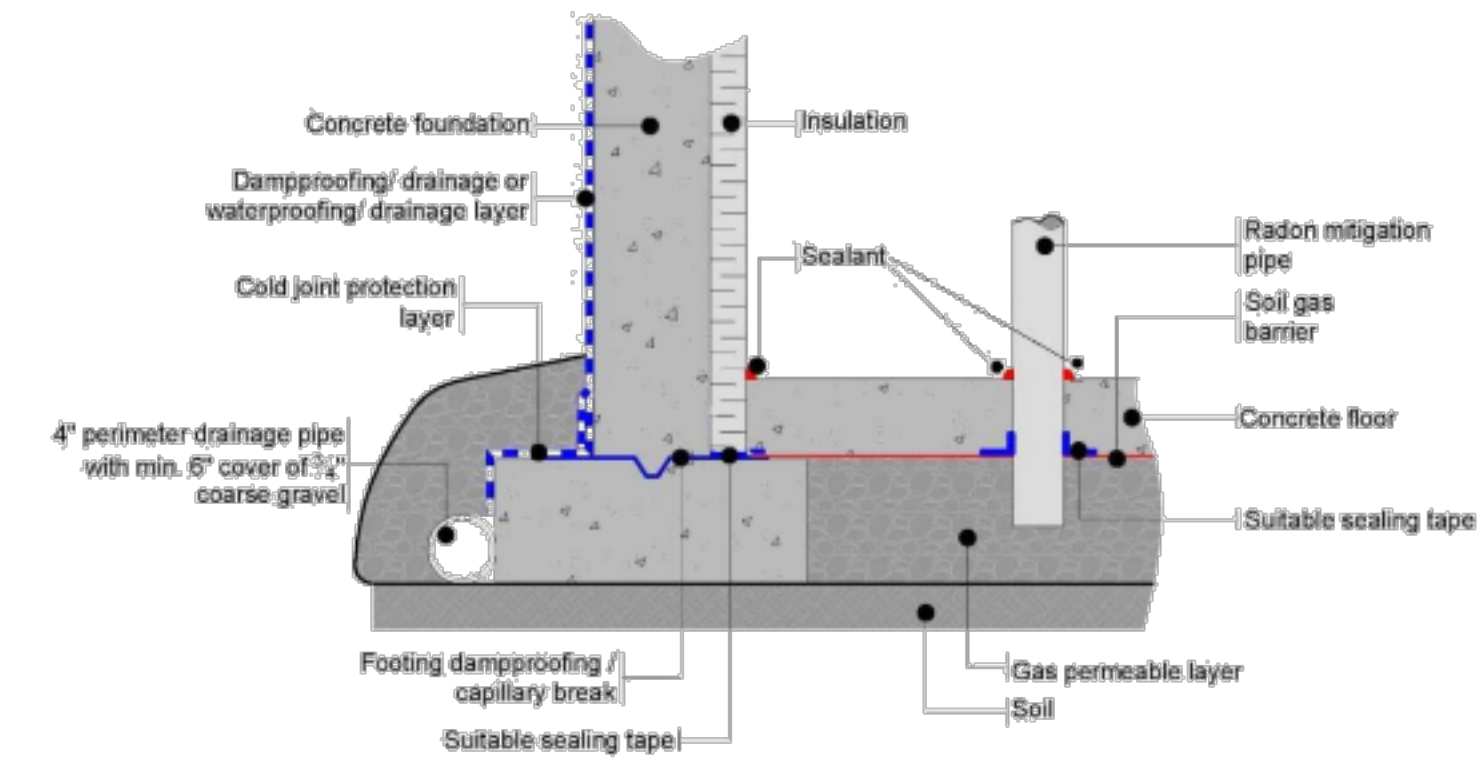


Figure 7.1.4.5.7 — Sealing sub-slab membrane horizontally to concrete footing when insulation is between the foundation wall and floor slab

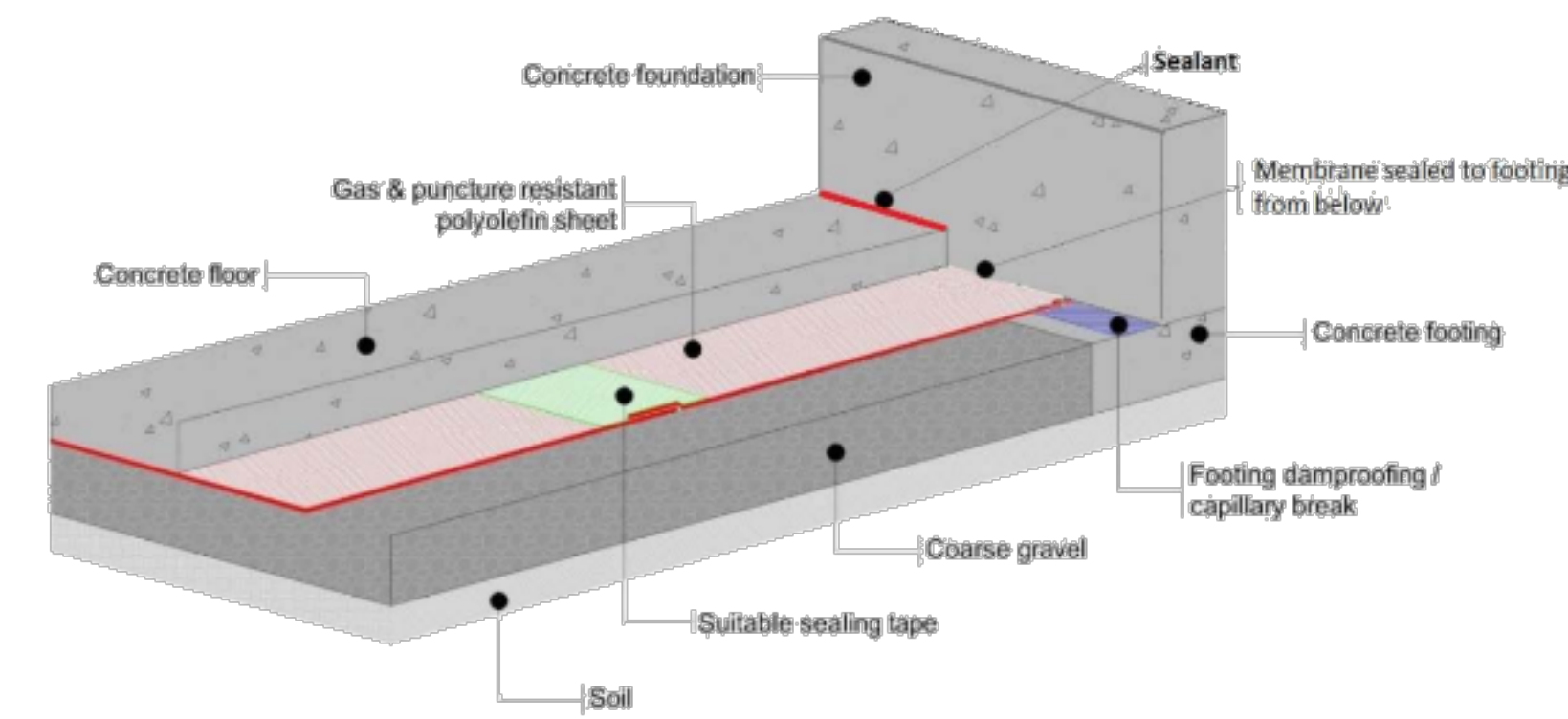


Figure 7.1.4.5.6 — Sealing sub-slab membrane horizontally to concrete footing prior to slab pour and of the slab/wall expansion joint after the slab pour

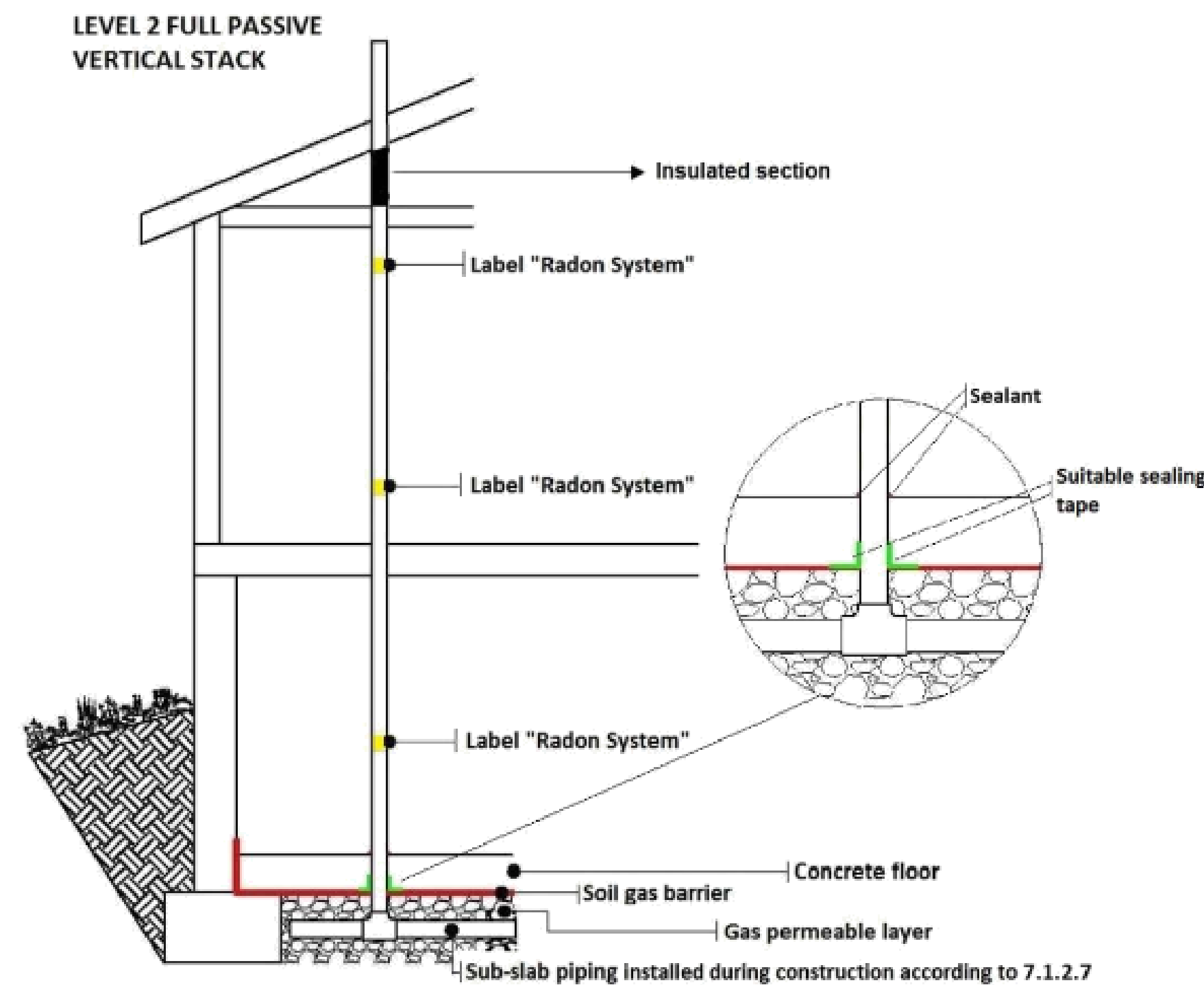


Figure 7.2b — Level 2 — Full passive vertical radon stack

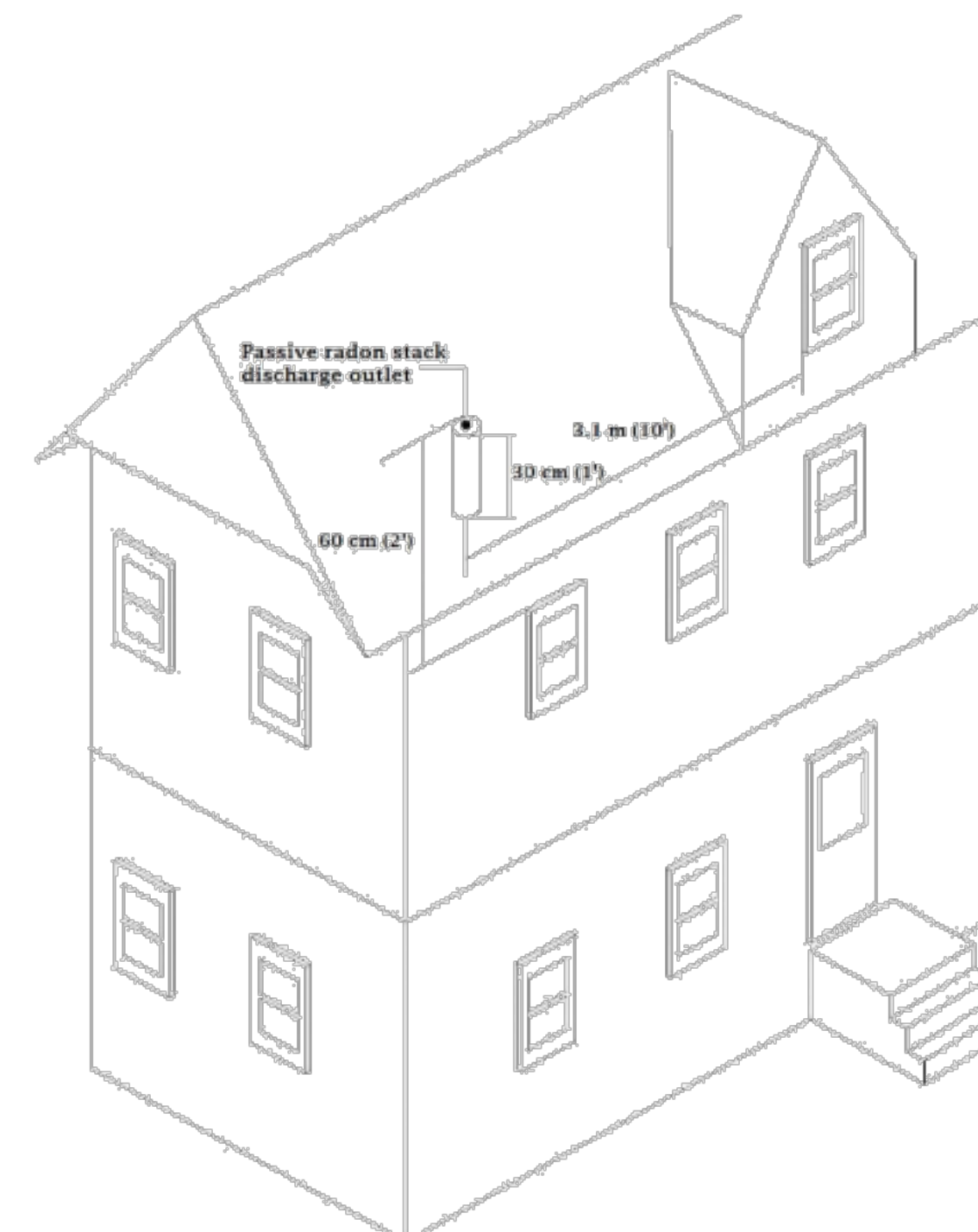


Figure 7.2.4.6 — Conceptual illustration of rooftop passive stack discharge geometry showing proximity to windows and height above roof

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