LEGEND

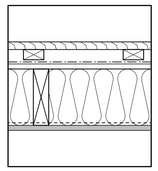
HF	RESIDENTIAL KITCHEN EXHAUST VENTILATION RATE MIN. INTERMITTENT 40L/S AS PER BCBC 2012 9.32.3 SEE MANUFACTURES SPECS.
F	RESIDENTIAL BATHROOM VENTILATION RATE MIN INTERMITTENT 25L/S CONTINUOUS 10L/S AS PER BCBC 2012 9.32.3
C	PROPOSED CARBON MONOXIDE DETECTOR CONFORMING TO BCBC 2012 9.32.4.2
S	INTERCONNECTED SMOKE ALARM SYSTEM CONFORMING TO BCBC 2012 9.10.19
A	AIR SUPPLY AS REQUIRED BY BCBC 2012 9.32..

Required Effective thermal resistance

As per table 9.36.2.6.A. BCBC - Zone 4

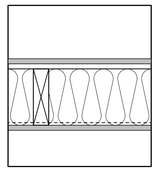
Cathedral Ceilings	= 4.67RSI
Ceilings Below Attics	= 6.91RSI
Walls Above Grade	= 2.78RSI
Floors Over Unheated Space	= 4.67RSI
Heated Floors	= 2.32RSI
Foundation Walls	= 1.99RSI

WALL ASSEMBLIES



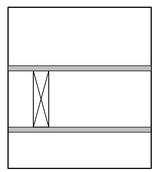
W 1 — Typical Exterior Wall - Min RSI 2.78

• Exterior air film	0.03 RSI
• Siding as per elevation	0.14 RSI
• Air Space c/w P.T. strapping	0.15 RSI
• Building Paper/Wrap	-
• Sheathing Material	0.11 RSI
• 2x6 @16 RSI 1.19 @ 23% + R20 Batt Insulation RSI 3.34 @ 77%	2.36 RSI
• Poly V.B.	-
• 1/2" Gypsum board	0.08 RSI
• Interior Air Film	0.12 RSI
Total	2.99



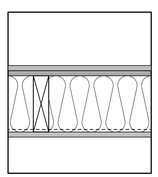
W 2 — INTERIOR GARAGE WALL - Min RSI 2.78

• Interior air film	0.12 RSI
• 1/2" Gypsum board	0.08 RSI
• Poly V.B.	
• 1/2" Plywood Sheathing	0.11 RSI
• 2x6 @16 RSI 1.19 @ 23% + R20 Batt Insulation RSI 3.34 @ 77%	2.36 RSI
• 1/2" Gypsum board	0.08 RSI
• Interior Air Film	0.12 RSI
Total	2.87



P 1 — INTERIOR PARTITION

- 1/2" Gypsum board
- 2x- Wood studs @16" o.c.
- 1/2" Gypsum board



P 2 — INTERIOR SHEAR WALL - SEE STRUCTURAL

- 1/2" Gypsum board
- Plywood Sheathing
- 2x6 Wood studs @16" o.c.
- 1/2" Gypsum board

McMicken Road

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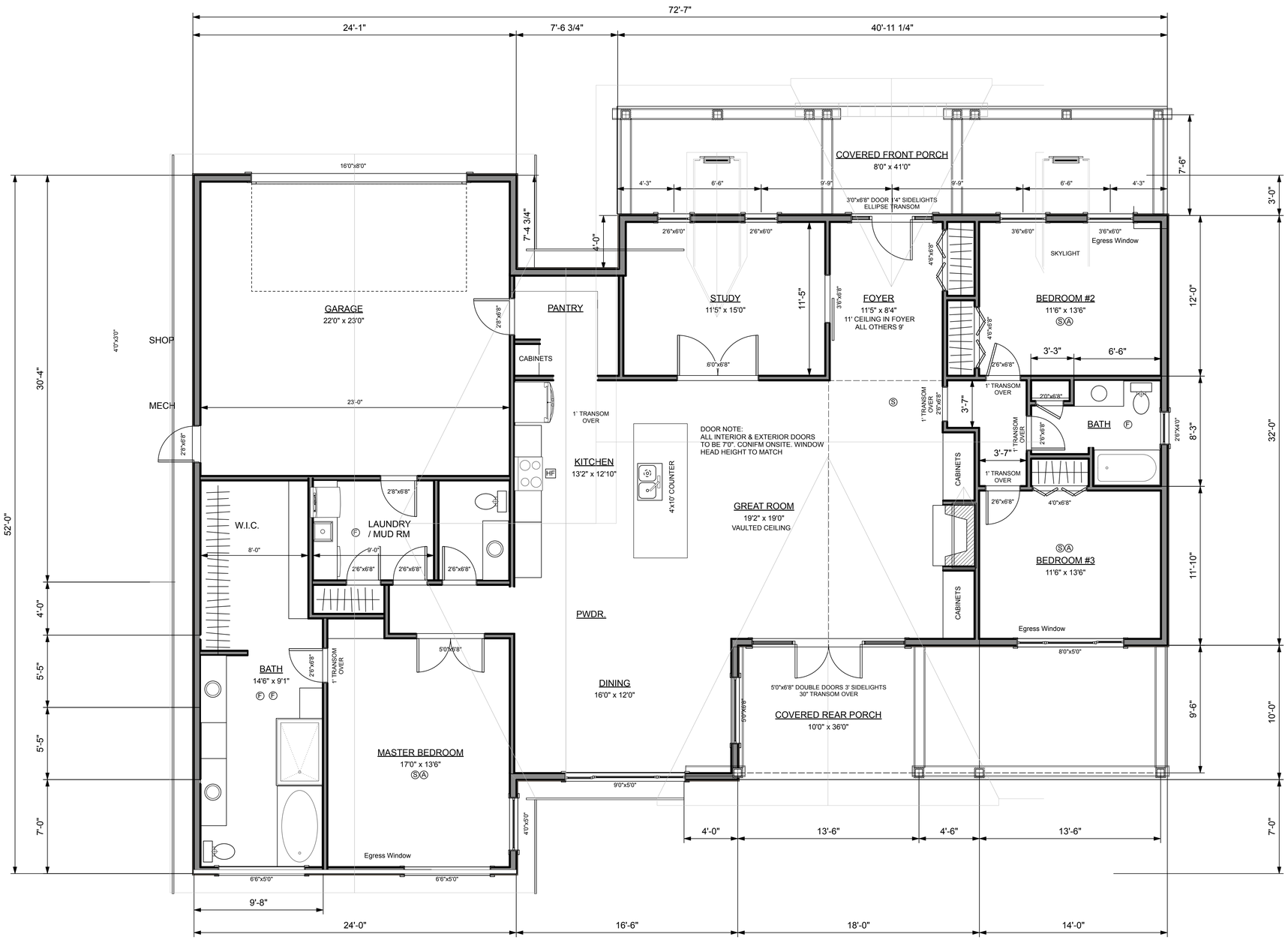

Main Floor Plan

Main floor area	2410 sf
Garage floor area	552 sf

No.	Date	Appr	Revision Notes

No.	Date	Issue Notes

Design Firm
Aspire Custom Designs Ltd.
970 Taine Place
Victoria BC, V8X 4A4
PH#: 250-415-1856

Consultant

Project Title
Lot 10 McMicken Road
North Saanich

Sheet Title
Main Floor

Project Manager	Project ID: Project ID
Drawn By: LJB/TEK	Scale: 1/4" = 1'-0" or as noted
Reviewed By: L.Baker	Sheet No. A4
Date: Date	of Total Sheets
CAD File Name: Filename	