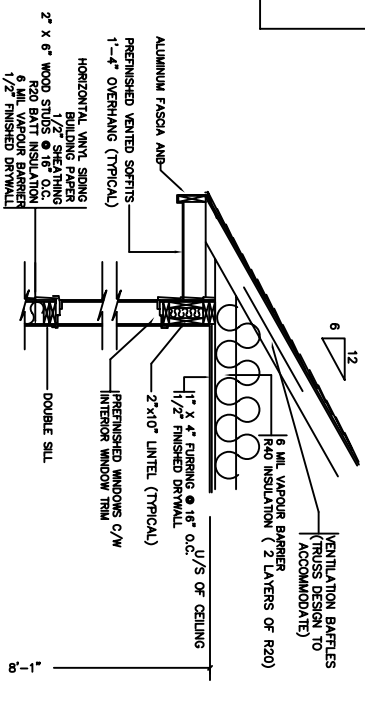


TYPICAL ROOF CONSTRUCTION

25 YEAR ASPHALT SHINGLES TO CSA A123.1 COMPLETE WITH EAVE PROTECTION; 1100mm OF NO. 50 SMOOTH ROLL ROOFING AS MANUFACTURED BY DOMTAR CONSTRUCTION MATERIALS LTD., OR EQUAL, STARTER AND VALLEY STRIPS; 90 lb. SLATE SURFACE ROLL ROOFING TO CSA A123.2 OR REVERSE SHINGLE. FASTENERS: LARGE HEAD, GALVANIZED STEEL OR ALUMINUM ROOFING NAILS OF SUFFICIENT LENGTH TO PENETRATE ROOF DECK. SHEET METAL FLASHINGS: TO LATEST EDITION OF OBC AND NOT LESS THAN .068" THICK SHEET LEAD, OR .013" THICK GALVANIZED STEEL (G90). 7/16" ASPENITE ROOF SHEATHING WITH "H" CLIPS OVER EAVE MID TRUSS, ENGINEERED MANUFACTURED ROOF TRUSSES AT 2'-0" O/C. R40 BLOWN FIBERGLASS INSULATION

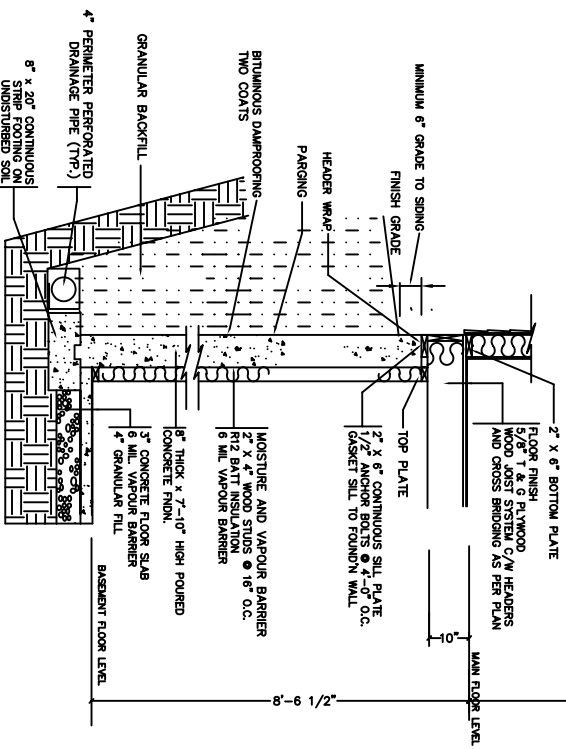


FLASHING

- FLASHING IS REQUIRED UNDER ALL JOINTED SILLS AND OVERHEADS OF WINDOWS AND DOORS IN EXTERIOR WALLS IF DISTANCE BELOW EAVE IS MORE THAN 1/4 ROOF OVERHANG.
- FLASHING BETWEEN ROOF SHINGLES AND WALL SIDING 8mm (20 ga) GALV. METAL, 75mm UP BEHIND SHEATHING AND EXTEND 75mm (3") HORIZONTALLY.
- FLASHING REQUIRED AT INTERSECTIONS OF ROOFS AND WALL, VALLEY AND OVER PARAPET WALLS.

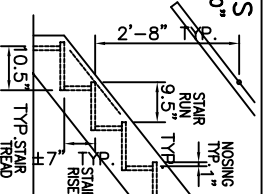
WINDOWS AND DOORS

- FLOOR AREA OF HABITABLE ROOMS TO EQUAL TRANSPARENT OPENING IN WINDOW, MINOR VENTILATION 0.279 sqm (3 sqft), MIN.
- 2" FLOOR AREA OF BEDROOMS (MIN. OF 0.557 sqm) (6 sqft), MIN. FOR ALL OTHER ROOMS (MIN. OF 0.557 sqm) (6 sqft), MIN. ACCEPTABLE TO CMHC PROVIDING LOCAL AUTHORITIES APPROVE.)
- EXTERIOR DOORS TO HAVE THERMAL RESISTANCE OF R.S.I. 1.23 (R7).



GENERAL STAIR / HANDRAIL NOTES

- ALL STAIRS SHALL HAVE:
- 9" RUN GR/D F/R / 9" RUN BSMT
 - (EXCLUDING NOSING TYP)
 - 10.0" TREAD GR/D F/R / (10.0" TREAD
 - IN BSMT (INCLUDING NOSING TYP)
 - 7 1/8" RISE MAXIMUM
 - (INCLUDING SINGLE STEPS)
 - DOUBLE/TRIPLE JOISTS AT STAIR OPENING, OR AS REQ'D BY JOIST ORIENTATION/SHOP DIMS.
 - VERTICAL HEIGHT DIMENSION PRIOR TO
 - SET FLOOR PLANS FOR NUMBER OF PROPOSED RISERS
- ALL HANDRAILS SHALL HAVE:
- A HEIGHT OF 2'-8" TYPICAL
 - (DESIGNED FROM END OF HANDRAIL FROM SIMILAR
 - A DESIGN WHICH COMPLETS WITH OBC REGULATIONS
 - FOR MOUNTING PULL STRENGTH/LATERAL FORCES
 - FINAL OPTIONS SUCH AS OPEN/CLOSED RISERS,
 - CHOICE OF WOOD AND FINISH MATERIAL SHALL
 - BE PROVIDED BY THE OWNER/CONTRACTOR.



TYP. WALL SECTION THRU SIDING

APPROX. SCALE 1/2" = 1'-0"

ROOF CONSTRUCTION

- ATTIC ACCESS HATCH TO BE MIN. 510mm x 710mm (20" x 28") INSULATE AND WEATHERSTRIP.
- ROUND EAVE PROTECTION TYPE "M" OR "S" ROLL ROOFING OR DISTANCE OF 800mm (30") UP THE ROOF SLOPE TO A LINE NOT LESS THAN 300mm (12") INSIDE THE INNER FACE OF THE EXTERIOR WALL.
- START STRIP NO. 85, 4.2 Kg/9a, m. ROLL ROOFING AS USED ON ROOF. LWD WITH TABS FACING UP.
- HP AND VALLEY RAFTERS TO BE 50mm (2") DEEPER THAN COMMON RAFTERS.
- ROOF SHEATHING 11mm (7/16") ASPENITE C/W CLIPS
- ROOF EDGE SUPPORTS TO BE 38mm x 38mm (2" x 2")
- TRUSS BRACING PROVIDE 19mm x 88mm (1" x 4") COM. AT EACH 2135mm (7'-0") o.c.
- PROVIDE 38mm x 88mm (2" x 4") WALL TEE CROSS JOINTS OR BOTTOM TRUSS SPIND, MIN. 1220mm (4'-0") o.c. FOR ROOF SLOPES 4/12 OR GREATER.

GENERAL NOTES:

CONCRETE FOOTINGS

- CONCRETE FOOTINGS TO REST ON UNDISTURBED SOIL, CAPABLE OF SUSTAINING A LOAD OF 95Kpa (2000 LBS/PER SQ.FT.) MIN. 1380mm (4'-6") BELOW FINISHED GRADE.
- FOOTINGS TO CONFORM TO OBC SECTION 9.15

CONCRETE FOUNDATION WALLS

- TOP OF ALL FOUNDATION WALLS TO BE MIN. 150mm (6") ABOVE FINAL GRADE.
- SEAL EXTERIOR JOINTS BETWEEN FOUNDATION WALLS AND WITH SEALING COMPOUND.
- APPLY BITUMINOUS DAMP-PROOFING ON EXT. FACE OF CONC. (GRANULAR B) OR AS AN ALTERNATE THE FOLLOWING DRAINAGE LAYER SYSTEMS ARE ACCEPTABLE: SYSTEM PLANT, ENKODRAIN, MINODRAIN, AND TERADRRAIN.

BASEMENT COLUMNS & BEARING WALLS

- EXTERIOR WOOD COLUMNS TO BE ANCHORED TO CONCRETE SLAB OR FOOTING WITH STEEL ANCHOR SHOD, MIN. 175mm (7") ABOVE GRADE AND 19mm x 88mm x 268mm (1" x 4" x 12") WOOD HOLDING STRIP NAILED TO BEAM AS FOLLOWS:
- STEEL COLUMN PLATES TO BE ANCHORED TO FOOTING WITH 19mm (3/8") DIA. BOLTS, MIN. 100mm (4") INTO FOOTING.
- STEEL COLUMN TOP PLATES TO BE CONNECTED TO BEAM WITH BEAM FLANGES.
- ALL STEEL COLUMNS AND BEAMS TO BE SHOP PRIMED.

THERMAL INSULATION & VAPOUR BARRIERS

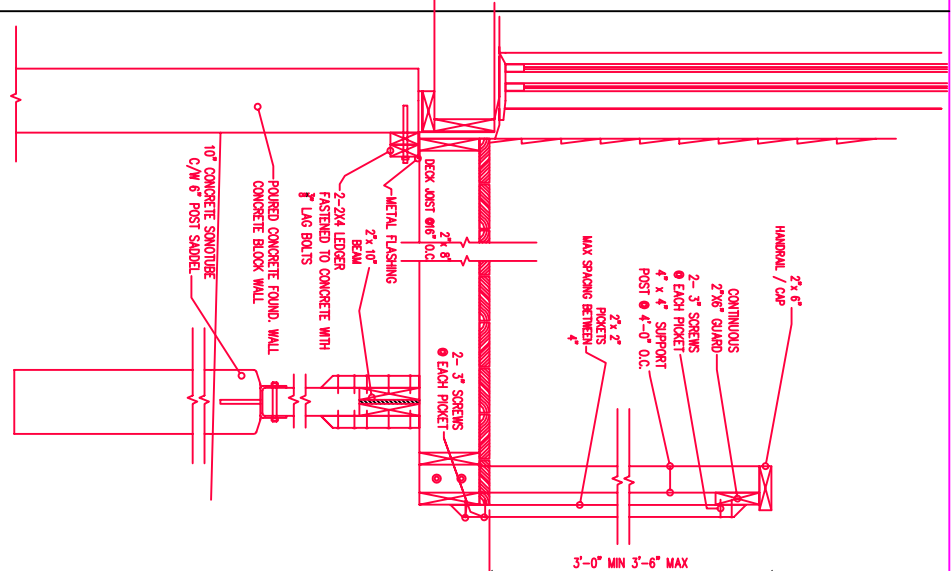
- INSULATION INSTALLED IN CEILING AND EXTERIOR WALLS SHALL BE PROTECTED BY TYPE "1" VAPOUR BARRIERS TO CAN/CSSB-150, INSTALLED SO THAT ALL JOINTS OCCUR AT TRIMMING (4") AT ALL JOINTS (OUTLETS).
- HOLES THROUGH VAPOUR BARRIERS INSTALLED IN CEILING FOR PIPING OR DUCTWORK SHALL BE EFFECTIVELY SEALED WITH INTERLOCKING TAPE OR OTHER APPROVED MATERIAL TO MAINTAIN THE INTEGRITY OF THE VAPOUR BARRIER OVER THE ENTIRE CEILING.
- ACCESS HATCHES INTO ATTICS SHALL BE WEATHERSTRIPPED AROUND THE PERIMETER OF THE HATCH AND INSULATED.
- DUCTWORK IN ATTIC OR ROOF SPACES SHALL HAVE ALL JOINTS Taped OR BE OTHERWISE SEALED TO ENSURE THAT THE DUCTS ARE AIR-TIGHT THROUGHOUT THEIR LENGTH.
- CLEARANCES BETWEEN CHIMNEYS OR GAS VENTS AND THE SUR-ROUNING CONSTRUCTION WHEN BUILDING INTO AN ATTIC OR ROOF SPACE SHALL BE SEALED BY NONCOMBUSTIBLE MATERIAL TO PREVENT SUCH LEAKAGE.
- MASONRY WALLS OF HOLLOW UNITS WHICH PENETRATE THROUGH THE CEILING SHALL BE CAPPED WITH MASONRY UNITS WITHOUT VOIDS OR BE SEALED WITH FLASHING MATERIAL EXTENDING TO THE CEILING ADJACENT TO THE ROOF SPACE TO PREVENT MOISTURE WITHIN THE VOIDS FROM ENTERING THE ROOF OR ATTIC SPACE.

WOOD FRAMING

- ALL FRAMING LUMBER TO O.B.C. STANDARDS SIZES OF JOISTS, UNITS, ETC. INDICATED ON DRAWINGS, SPECIFIED AS PER NO. 2 SP4 (UNLESS OTHERWISE NOTED).
- B.U. WOOD BEAMS TO HAVE MIN. 89MM (3 1/2") BEARING
- LATERAL SUPPORT - (WALLS SUPPORTING JOISTS) - NAILING SILL PLATE AT 2400mm (8'-0") WITH 13mm (1/2") DIA. ANCHOR BOLTS EMBEDDED 100mm (4") INTO CONCRETE OR ANCHORED EVERY 4TH JOIST NOT RESTING ON A PLATE WITH 48mm x 38mm STEEL JOIST ANCHORS N.B.
- LATERAL SUPPORT - (WALLS PARALLEL TO JOISTS) - BEND 48mm x 38mm (3/16" x 1 1/2") STEEL STRIP 75mm (3") INTO CONCRETE AND FIX TO SCHEDULED JOISTS OR TO SILL AT 2400mm (8'-0") o.c. (MAX.)
- ALL JOISTS TO HAVE BRIDGING OVER INTERIOR BEARING WALLS AND BEAMS.
- MIN. SILL PLATE 38mm x 88mm (2" x 4").
- PROVIDE CROSS-BRIDGING BETWEEN JOISTS WITH MAXIMUM SPACING OF 1200mm (4'-0").
- HEADER JOISTS TO BE DOUBLED IF OVER 1200mm (4'-0") AND NOT OVER 3200mm (10'-6").
- TRIMMER JOISTS TO BE DOUBLED IF OVER 800mm (2'-6") AND NOT OVER 2400 mm (8'-0") o.c.
- DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS.
- MIN. 38mm (2") END BEARING REQUIRED FOR SUPPORT FOR JOISTS, CEILING JOISTS, ROOF JOISTS AND RAFTERS.
- PROVIDE METAL JOIST HANGERS FOR SUPPORT OF JOISTS FRAMING INTO SIDES OF WOOD BEAMS, TRIMMER AND HEADERS WHERE REQUIRED.
- ALL CONCEALED SPACES TO BE FIRE STOPPED BETWEEN STORIES AT FLOORS, CEILING, ROOFS, AND AT STAIRS.
- WOOD STUD PARTITIONS TO BE MADE UP OF 38mm x 88mm (2" x 4") SPS, 400 (16") BE AND 38mm x 88mm (2" x 4") TOP AND BOTTOM PLATES, DOUBLE TOP STUDS AROUND CORNERS, AND TRIPLE STUDS IN CORNERS IN BEARING STUD PARTITIONS.

GARAGE

- PROVIDE APPROVED GAS PROOFING ON CEILING AND WALLS.
- DOOR BETWEEN GARAGE AND INTERIOR HABITABLE SPACE TO BE 45MM INSULATED METAL DOOR C/W SELF CLOSER AND WEATHERSTRIPPING.



SECTION THROUGH DECK

SCALE: 1" = 1'-0"

NOTES: OBC CONFORMANCE

- AS PER SO-7, TABLE 2.1.2, MINIMUM SIZE OF LOADE-BEARING ELEMENTS SHALL BE 89mm x 89mm (4" x 4" NOMINAL) POSTS, 38mm x 89mm (2" x 4" NOMINAL) TOP RAILS, AND 32mm x 52mm (1 9/32" x 9/32") PICKETS, ALL AS PER DETAILS ON THIS SHEET.
- AS PER DETAIL EB-2, THE MAXIMUM POST SPACING SHALL BE 1,56m (5'-1") USING DOUGLAS FIR-LARCH, HEM-FIR, SPRUCE-PINE-FIR.
- ALL R/W JOISTS AND RAMP JOISTS SHALL BE 38mm x 190mm (2" x 8" NOMINAL).
- THE TERM "NAIL PICKETS" REFERS TO AN ASSEMBLY OF VERTICALLY ORIENTED ELEMENTS THAT SPAN BETWEEN THE FLOOR AND THE TOP RAIL.

CONNECTORS

- WALLS, SCREWS, LAG BOLTS AND MACHINE BOLTS SHALL NOT CAUSE SPLITTING OF WOOD ELEMENTS.
- FASTENERS SHALL BE RESISTANT TO CORROSION.
- ALL WALLS SHALL BE COMMON SPIRAL.

LUMBER

- LUMBER FOR GUARD SYSTEMS AND FLOOR SYSTEMS SHALL BE:
 - A SPECIES RESISTANT TO DECAY.
 - TREATED TO PREVENT DECAY OR
 - PRESSURE TREATED.
- ALL CUT ENDS OF PRESERVATIVE-TREATED LUMBER SHALL BE TREATED TO PREVENT DECAY.

REVISIONS:

NO.	REVISION	DATE

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Project: **"The Aime" Model Home**
Client: ROBINSON CUSTOM HOMES

Sections and Notes

Scale	AS NOTED	Date	FEBRUARY, 2008
Drawn By	G. RUYF	Drawing No.	AS 5
Checked By			
Approved By			