STRUCTURAL TABLES

ALL INTERIOR AND EXTERIOR LINTELS TO BE 2–38 x 235 (2–2" X 10") WITH POST TYPE P3 EACH END UNLESS NOTED OTHERWISE.

ALL POSTS TO BE CONTINUOUS TO TOP OF FOUNDATION WALL OR CONCRETE PAD / FOOTING. PROVIDE SOLID BLOCKING BETWEEN POSTS IN FLOOR SPACE.

STEEL LINTEL SPAN TABLE

MAX. SPAN	VERT. LEG	HORZ. LEG	THICKNESS
2.30 (7'–7")	90 (3 1/2")	90 (3 1/2")	6 (1/4")
2.48 (8'–2")	100 (4")	90 (3 1/2")	6 (1/4")
3.08 (10'–1")	125 (4 7/8")	90 (3 1/2")	8 (5/16")
3.24 (10'–8")	125 (4 7/8")	90 (3 1/2")	10 (3/8")

MASONRY VENEER WALLS

1 MIN. 90mm (3 5/8") THICK UP TO 7315 (24'–0") MAX. HIGH.

2 TIES TO BE GALVANIZED, CORROSION RESISTANT CORRUGATED .76mm X 22mm (22 ga X 7/8") WIDE METAL SHAPED TO PROVIDE A KEY WITH MORTAR. SPACE @ 400mm (16") o.c. HORIZONTALLY & 600mm (24") VERTICALLY. FASTEN TO STUDS THROUGH EXTERIOR SHEATHING WITH MIN. 6mm (1/2") DIA. NAIL HEAD. PENETRATE NOT LESS THAN 30mm (2 1/2") IN STUD, DISTANCE OF NAIL FROM TIE BEND NOT MORE THAN 6mm (1/4"). TIES MUST BE IN CONTACT WITH THE EXTERIOR SURFACE OF THE SHEATHING. THE SHEATHING BENEATH THE TIES MUST NOT BE COMPRESSED.

3 PROVIDE MIN. 25mm (1") AIR SPACE BETWEEN VENEER AND WALL SHEATHING.

4 DRAIN BOTTOM OF SPACE WITH HOLES AT 600 o.c. (2'–0") IN STARTER COURSE MIN. 150mm (6") ABOVE FIN. GRADE, 10mm (3/8") DIA. HOLES.

5 PROVIDE 6 MIL POLYETHYLENE FLASHING UNDER STARTER COURSE UNDER WEEP HOLES AND 150mm (6") UP WALL, UNDER SHEATHING PAPER.

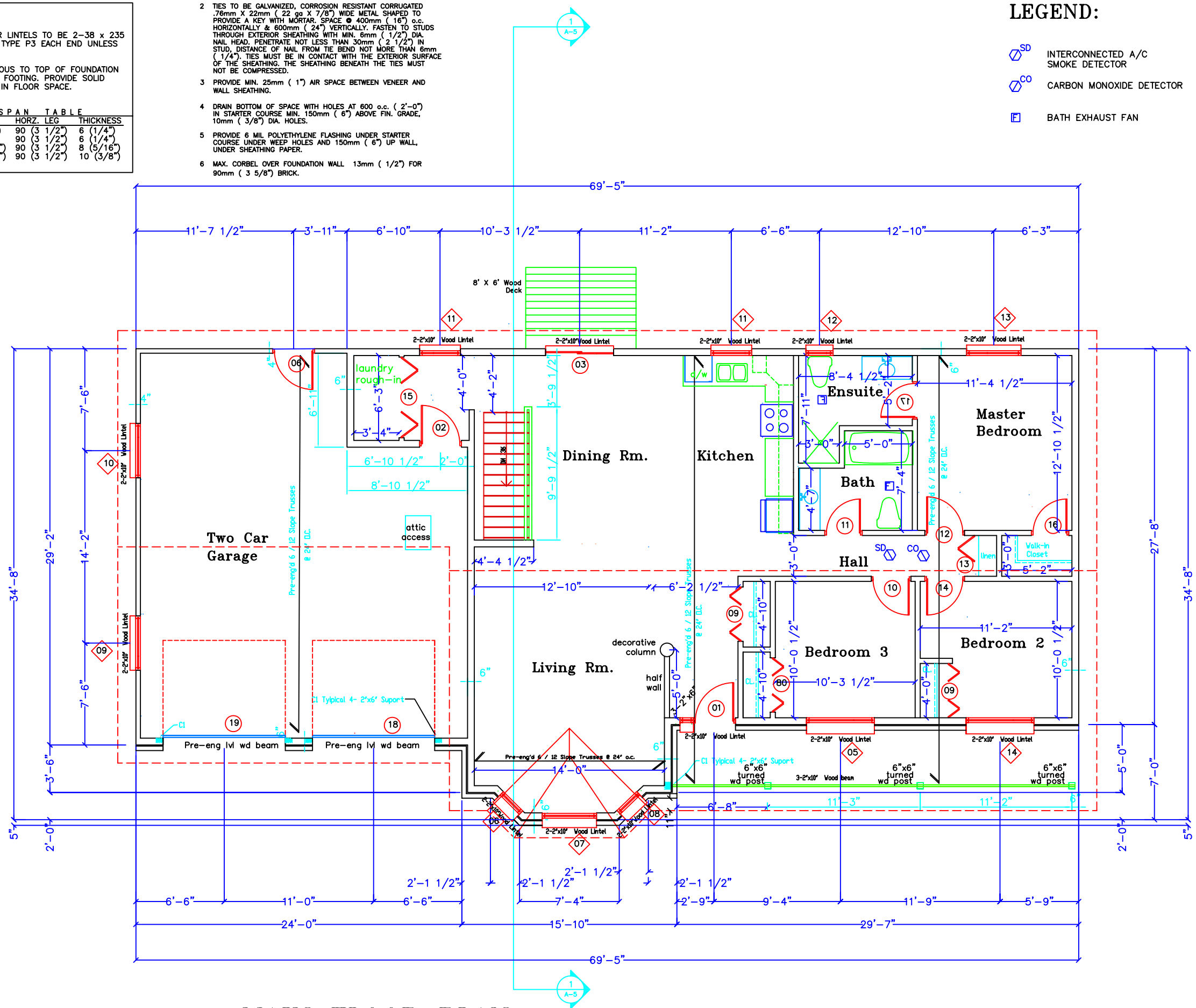
6 MAX. CORBEL OVER FOUNDATION WALL 13mm (1/2") FOR 90mm (3 5/8") BRICK.

LEGEND:

SD INTERCONNECTED A/C SMOKE DETECTOR

CO CARBON MONOXIDE DETECTOR

BATH EXHAUST FAN



MAIN FLOOR PLAN

1402 SQUARE FEET

REVISIONS:

NO.	REVISION	DATE

Construction Notes:

1. All construction shall conform to the Ontario Building Code.
2. All doors and windows sizes shall be confirmed & approved by owner or contractor prior to construction.
3. Contractor shall verify all conditions and dimensions prior to construction and be solely responsible for any changes necessary as a result of conditional or dimensional differences.
4. Verify all dimensions on site.
5. All dimensions are taken from the exterior face of wood framing or outside of concrete.
6. Any substitution of materials or spans shall conform to the Ontario Building Code.
7. Install floor joists or wood blocking under none-loadbearing walls that run parallel to floor joist.
8. Provide solid wood blocking under all point loads.
9. Concrete foundations walls and footings shall have a compressive strength of 15MPa after 28 days.
10. Unreinforced concrete garage and carport floors and all flat work shall have a compressive strength of 32 MPa after 28 days
11. Stair dimensions shall conform to O.B.C. 9.8.3.(1) & Table 9.8.3.1
    Max. Rise= 7 7/8"
    Min. Rise= 4 7/8"
    Max. Run= 14"
    Min. Run= 9"
    Max. Tread Depth = 14"
    Min. Tread Depth = 9"
12. Guards for all stairs and decks shall conform to O.B.C. 9.8 & SG-7
13. Stairwell headroom in a dwelling unites shall be min. 6'–5" measured vertically and shall conform to O.B.C. 9.8.3.4.(1)
14. Carbon Monoxide detectors within dwelling units shall conform to O.B.C. 9.33.4.2.(1),(2),(a),(b),(2),(3).
15. All smoke alarms within dwelling units shall conform to O.B.C. 9.10.18.4.(1).
16. All Electrical equipment & facilities within a dwelling units shall conform to O.B.C. 9.34.1.2.(1).

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Project: "The Stacey" Model Home

Client: W.C. ROBINSON & SON PLUMBING HEATING

Drawing Title: MAIN FLOOR PLAN

Scale: 1/8" = 1'–0"

Date: FEBRUARY, 2008

Drawn By: G. RUYF

Checked By:

Approved By:

Drawing No.: A2.5 of