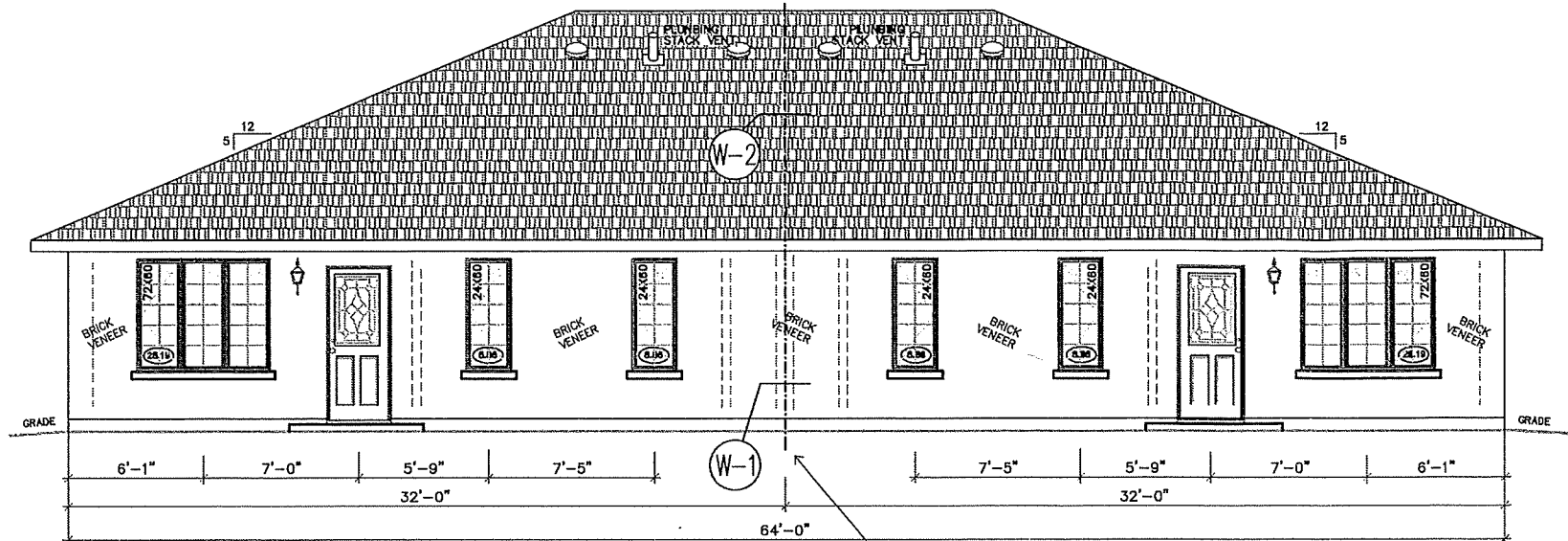


RECEIVED
JAN 29 2020
BUILDING SERVICES

WINDOW / DOOR SCHEDULE c/w LINTELS

ITEMS PER UNIT:	SIZE	#	LINTEL
LIVING ROOMS	6'-0" x 5'-0"	1	PRE-ENG'D L.V.L.
BEDROOM #2	4'-0" x 5'-0"	1	2- 2"x 10" WOOD
MASTER BEDROOM	2'-0" x 5'-0"	2	2- 2"x 10" WOOD
ENTRY MAN-DOORS	3'-0" x 6'-10"	3	2- 2"x 10" WOOD
GARAGE O/H DOOR	10'-0" x 7'-0"	1	3- 2"x 10" WOOD



3 PROPOSED REAR ELEVATION
SCALE: As Noted

**** FIRE SEPARATION ****
W 1d FIRE SEPARATION as per SB-3
FRR 1 Hr. STC N/A
2"x 4" @ 16"o/c WOOD STUDS
1 LAYER 5/8" TYPE 'X' GYPSUM BOARD ON EACH SIDE.
****TO UNDERSIDE OF ROOF SHEATHING****

**** FIRE SEPARATION ****
W 13a FIRE SEPARATION as per SB-3
FRR 1 Hr. STC 57
TWO ROWS 2"x 4" @ 24" or 16"o/c WOOD STUDS
ON SEPARATE 2"x 4" PLATES, SET 1" APART.
FILL CAVITY WITH 3-1/2" ROXUL BATT INSULATION
ON EACH SIDE.
1 LAYER 5/8" TYPE 'X' GYPSUM BOARD ON EACH SIDE.

CONSTRUCTION NOTES

- ALL CONSTRUCTION TO CONFORM TO THE ONTARIO BUILDING CODE (OBC) AND ALL OTHER CODES AND LOCAL AUTHORITIES HAVING JURISDICTION

FOOTINGS / SLABS

TYPICAL STRIP FOOTING

- BASED ON 15'-1"(4.9m) MAX. SUPPORTED JOIST LENGTH
- MIN. 2200psi (20MPa) CONCRETE AFTER 28 DAYS
- SHALL BEAR ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL W/ MIN. 10.9psi (75kPa) BEARING CAPACITY

DAMP-PROOFING & WATERPROOFING

- DAMP-PROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER OBC 9.13.3.1, & 9.13.3.2
- WHERE INSULATION EXTENDS TO MORE THAN 2'-11" (900mm) BELOW GRADE, A FOUNDATION WALL DRAINAGE LAYER SHALL BE PROVIDED IN CONFORMANCE TO OBC 9.14.2.1(2), (3) & (4)
- FINISHED BASEMENTS SHALL HAVE INTERIOR DAMP-PROOFING EXTENDING FROM SLAB TO GRADE LEVEL & SHALL CONFORM TO OBC 9.13.3.3(3)
- WHERE HYDROSTATIC PRESSURE OCCURS, FOUNDATION WALLS SHALL BE WATERPROOFED AS PER OBC 9.13.5
- WALLS THAT ARE WATERPROOFED DO NOT REQUIRE DAMP-PROOFING

DRAINAGE TILE OR PIPE

- MATERIALS SHALL CONFORM TO OBC - 9.14.3.1
- 4" (100mm) MINIMUM # TILE/PIPE
- LAY ON UNDISTURBED OR WELL COMPACTED SOIL
- TOP OF TILE/PIPE TO BE BELOW BOTTOM OF FLOOR SLAB
- COVER TOP & SIDES OF TILE/PIPE w/ 6" (150mm) OF CRUSHED STONE OR OTHER COARSE CLEAN GRANULAR MATERIAL
- TILE SHALL DRAIN TO A SUMP c/w PUMP, SEWER, DRAINAGE DITCH OR DRY WELL

FRAME CONSTRUCTION

- ALL FRAMING LUMBER TO BE S.P.F. No.2 OR BETTER UNLESS NOTED OTHERWISE
- JOISTS TO HAVE MIN. 1-5/8" (38mm) END BEARING
- BEAMS TO HAVE MIN. 3-5/8" (89mm) END BEARING
- DOUBLE JACK STUDS AT SPANS GREATER THAN 6'-0"
- DOUBLE RM JOISTS WHICH SUPPORT LINTELS IN EXT. WALLS
- METAL HANGERS TO BE USED FOR JOISTS AND BEAMS WHEN THEY ARE FRAMED INTO SIDES OF BEAMS, TRIMMERS AND HEADERS
- FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED MORE THAN 15-3/4" (400mm) BEYOND SUPPORTS FOR 2" x 8" (38mm x 184mm) JOISTS
- FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED MORE THAN 23-5/8" (600mm) BEYOND SUPPORTS FOR 2" x 10" (38mm x 235mm) JOISTS

TYPICAL FRAME WALL CONSTRUCTION

- ALL LIGHT EXTERIOR CLADDING MATERIALS, AS PER ELEVATIONS, REQUIRE MIN. 8" (200mm) CLEARANCE FROM FINISHED GRADE
- WALL SHEATHING MEMBRANE AS PER OBC 9.23.17
- 7/16" (8mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER OBC 9.23.16
- 2" x 6" (38mm x 140mm) WOOD STUDS, SPf No. 2 or BETTER, AT 16" (400mm) o.c.
- MIN. R-24 INSULATION (ZONE 2 OBC 9.25.2) OR AS PER E.E.D.S.
- MIN. 1" RIGID INSULATION R-5
- CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE w/ OBC 9.25.4
- 5/8" (16mm) TYPE 'X' GYPSUM BOARD FOR LIMITING DISTANCES LESS THAN 4'-0" (1200mm)

BEARING STUD WALL (BASEMENT)

- 2" x 4" (38mm x 89mm) WOOD STUDS, SPf No. 2 or BETTER, AT 12" (300mm) o.c., OR
- 2" x 6" (38mm x 140mm) WOOD STUDS, AT 12" (300mm) o.c. w/ DOUBLE TOP PLATES
- BOTTOM PLATES TO BE ON DAMP-PROOFING MATERIAL
- 1/2" (13mm) DIA. ANCHOR BOLTS AT 6'-0" (2.4m) o.c.
- FOOTING AS PER GENERAL NOTE w/ 4" CONCRETE CURB

ATTIC ACCESS HATCH

- 22" x 22" (560mm x 560mm) ATTIC HATCH WITH WEATHERSTRIPPING AND BACKED w/ R-60 INSULATION

BRICK VENEER CONSTRUCTION

- 3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE AT MAX. 36"-1" (11m) HEIGHT
- MIN. 0.03" (0.76mm) THICK 1-7/8" (22mm) CORROSION RESISTANT STRIPS AT MAX. 16" (400mm) o.c. HORIZONTAL AND 24" (600mm) o.c. VERTICAL SPACINGS
- PROVIDE WEEP HOLES AT 2'-6" (800mm) o.c. AT BOTTOM COURSE AND OVER VENEER OPENINGS
- BASE FLASHING UP TO 6" (150mm) BEHIND WALL SHEATHING MEMBRANE
- BRICK OR STONE SILL UNDER OPENINGS, FLASHING
- 1" (25mm) AIR SPACE
- WALL SHEATHING MEMBRANE AS PER OBC 9.23.17
- 7/16" (8mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER OBC 9.23.16
- 2" x 6" (38mm x 140mm) WOOD STUDS, SPf No. 2 or BETTER, AT 16" (400mm) o.c.
- MIN. R-24 INSULATION (ZONE 2 OBC 9.25.2) OR AS PER E.E.D.S.
- MIN. 1" RIGID INSULATION R-5
- CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE w/ OBC 9.25.4
- 1/2" (13mm) GYPSUM BOARD FINISH

GUARDS

- CONSTRUCTION REQUIREMENTS FOR GUARDS TO CONFORM WITH SECTION SB-7 OF THE SUPPLEMENTARY GUIDELINES OF THE 2006 OBC

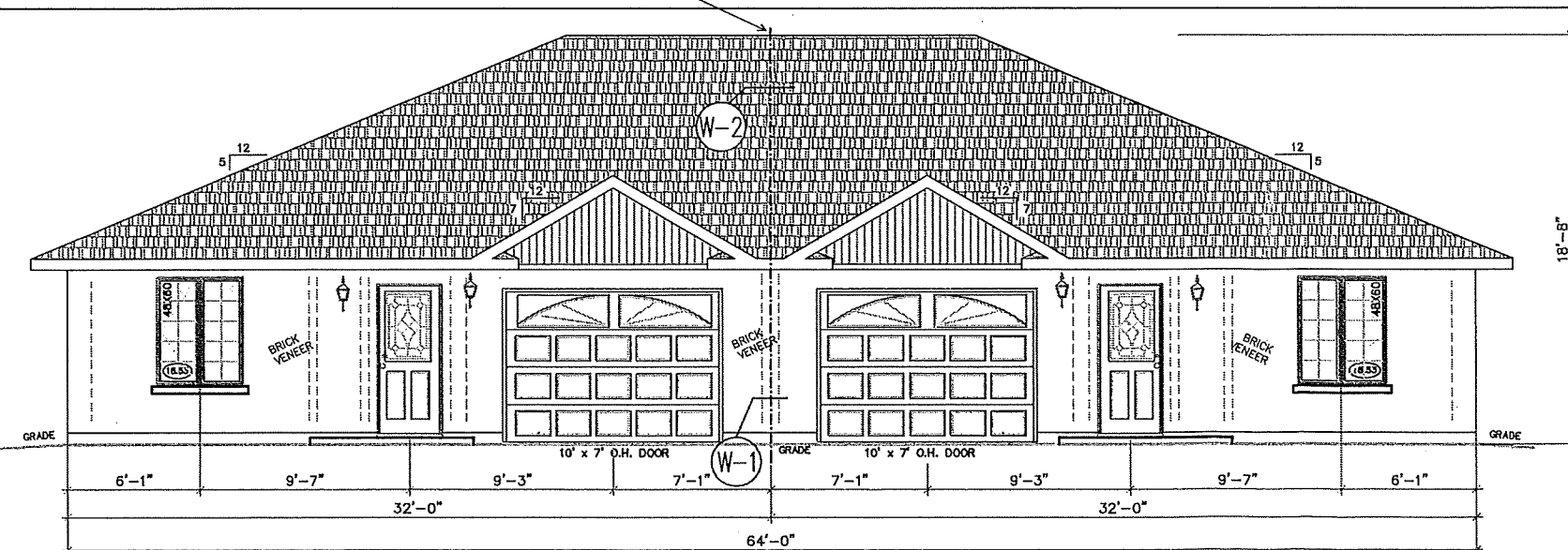
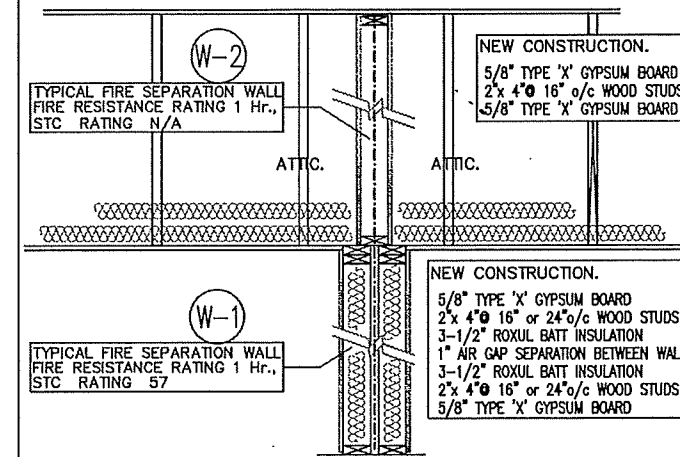
INTERIOR GUARDS

- GUARDS TO BE 36" (900mm) IN HEIGHT
- MAXIMUM 4" (100mm) ALLOWABLE OPENINGS
- NOT FACILITATE CLIMBING

EXTERIOR GUARDS

- GUARDS TO BE 42" (1060mm) IN HEIGHT
- UNLESS EXEMPTED TO 36" (900mm)
- MAXIMUM 4" (100mm) ALLOWABLE OPENINGS
- NOT FACILITATE CLIMBING

FIRE-SEPARATION SECTION



4 PROPOSED FRONT ELEVATION
SCALE: As Noted

3
19-11-26
A-3

M.R./McConn/Cona.Gr.
M.R./McConn/Cona.Gr.
2019-12-02
1/4"=1'-0"
1/8"=1'-0"

SEMI-DETACHED DWELLINGSw/ ATTACHED GARAGES
11 COLLINS ST., COPPER CLIFF, SUDBURY
FRONT & REAR ELEVATIONS.
LEGENDS AND NOTES

REVISIONS
1
2
3
4
5
6
7
8

M.R. CONSULTING
1888 ASHCOURT AVENUE
SUDBURY, ONTARIO
N2A-5Y1
PHONE (705) 691-1365

I, MICHEL RIOPEL DECLARE THAT I REVIEW AND TAKE RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF A FIRM REGISTERED UNDER SUBSECTION 3.2.4. DIV.'C' OF THE ONTARIO BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES/CATEGORIES.
INDIVIDUAL BCIN. # 13054 FIRM BCIN. # 35810

MICHEL RIOPEL C.E.T., O.B.C.P., SENIOR DESIGNER
1582790 ONTARIO LTD. O/A MCANN CONSULTING GROUP