FRONT ELEVATION

METER ROOM

- 1 TITLE PAGE
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- 4 CONSTRUCTION NOTES

AREA CALCULATIONS

STD. PLAN GROUND FLOOR AREA 176 sq. ft. SECOND FLOOR AREA 0 sq. ft. SUBTOTAL 176 sq. ft. DEDUCT ALL OPEN AREAS 0 sq. ft. 176 sq. ft. TOTAL NET AREA

(16.35 sq. m.)





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6	-	-
5	-	-
4. REVISED AS PER GHD SPECS	2016.03.07	RC
3. ISSUED FINAL	2015.10.15	RC
2. REVISED AS PER STRUCTURAL ENG. COMMENTS	2015.10.15	RC
1. ISSUED FOR CLIENT REVIEW & PRICING	2015.10.13	VS
REVISIONS	DATE (YYYY/MM/DD)	BY

TITLE PAGE

Vijay Shivpaul NAME REGISTRATION INFORMATION 29444

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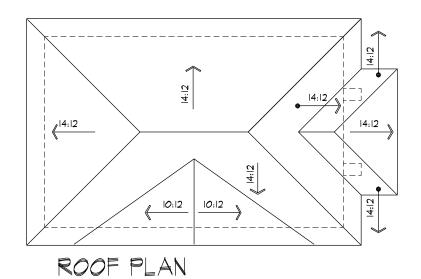
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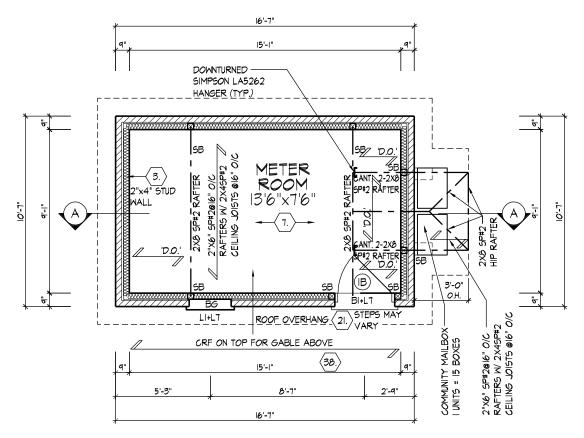


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RC	VS	3/16"=1'-0"	212043_METER ROOM.DWG	1	of	4

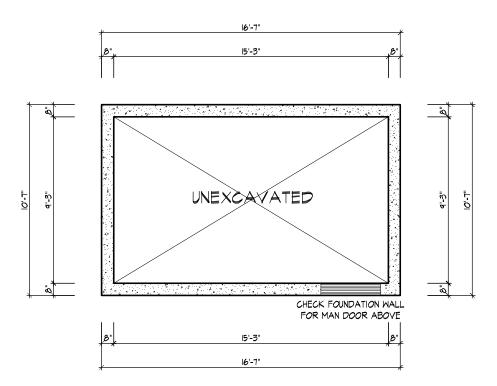
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Vijay Shivpaul





GROUND FLOOR PLAN



FOUNDATION PLAN

PLANS - METER ROOM

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER. QUALIFICATION INFORMATION

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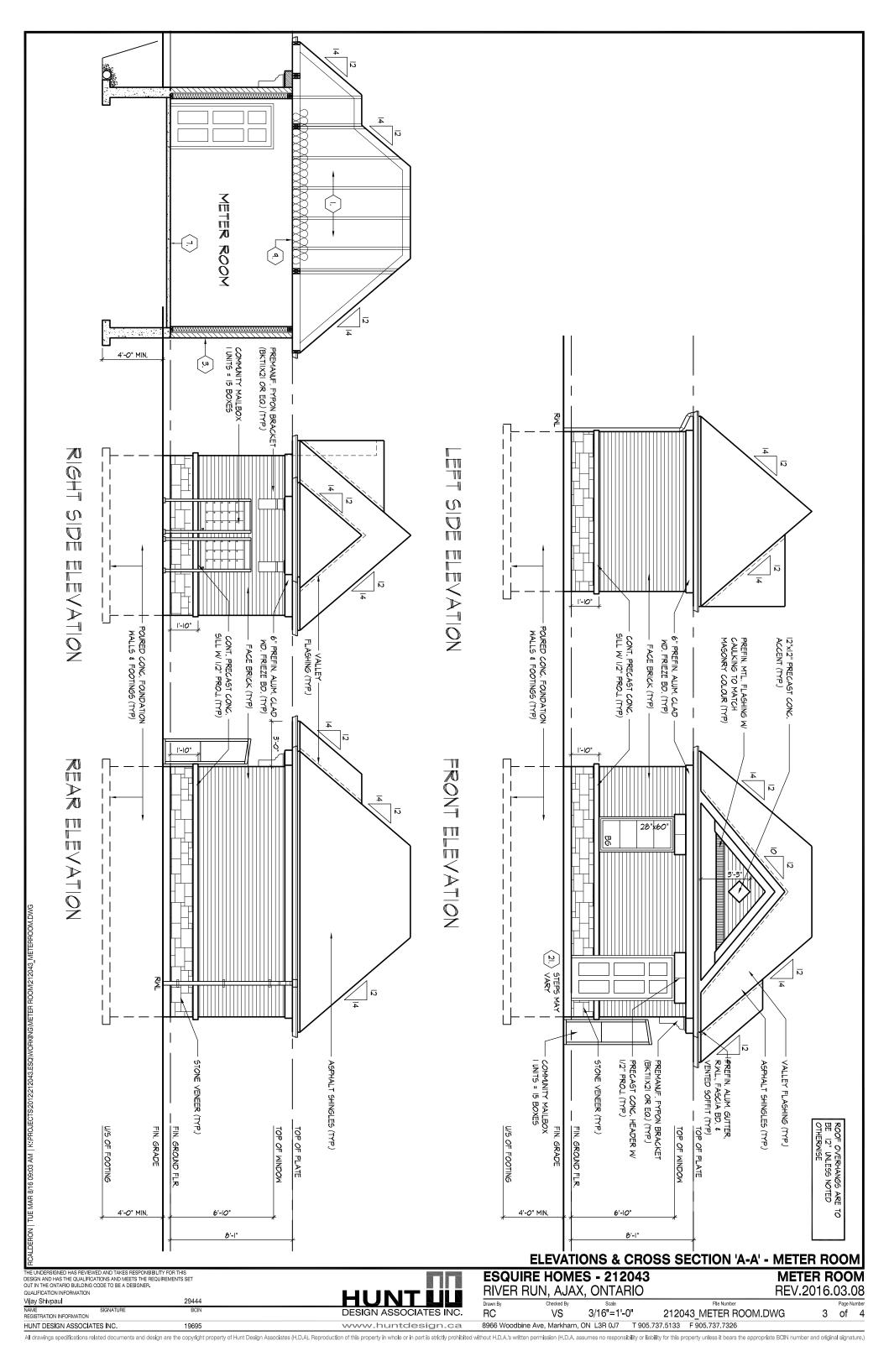
ESQUIRE HOMES - 212043RIVER RUN, AJAX, ONTARIO

METER ROOM REV.2016.03.08

RC VS 3/16"=1'-0" 212043_METER R 8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326

212043_METER ROOM.DWG 2 of 4

File Number



SECTION 1.0. CONSTRUCTION NOTES (12) SILL PLATES 1 ROOF CONSTRUCTION (9.19., 9.23.13., 9.23.15.)

ROOF CONSTRUCTION (9.19., 9.23.13., 9.23.15.)

No. 210 (10.25 kg/m²) ASPHATZ - SHNOLES (9.24 (6.10) O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 2-11" (889) FROM EDGE OF ROOF AND MIN. 12" (385) BEYOND INNER FACE OF EXTENIOR WAIL. 2'A4" (3889) TRUSS BRACING @ 6-0" (1830) O.C. AT BOTTOM CHORD, PREFIN, ALUM, EAVESTROUGH, FASCIA, RWL & VENTED SOFFITI, ATTIC VENTILATION 1:300 OF INSULATED CELLING AREA WILL. 50% AT EAVES, EAVESTROUGH TO BE 2" MIN, WITH RWL. CONNECTED TO STORM SEWERS OR TO DISCHARGE ONTO CONCRETE SPLASH PADS AS PER MUNICIPAL REQUIREMENTS. TOWNHOUSES TO HAVE 5" (127) MIN, EAVESTROUGH WITH ELEC, TRACED HEATER CABLE ALONG EAVESTROUGH AND DOWN RWL.

| CCF AND WATER SHIELD.

1A) ICE AND WATER SHIELD
PROVIDE ICE AND WATER SHIELD IN THE AREAS INDICATED. THE ICE AND W.
SHIELD SHALL BE A SELF ADHERING AND SELF SEALING MEMBRANE. SIDE I
MUST BE A MINIMUM 3 1/2' (90) AND END LAPS A MINIMUM 6' (152). AND TO
EXTEND UP DORMER WALLS A MINIMUM 12' (305).

1B) PROFILED ROOF TRUSSES

ROOF TRUSSES SHALL BE PROFILED AND/OR STEPPED AT RAISED COFFER/TRAY CEILINGS. ANGLED TRAY CEILINGS WILL BE SHEATHED W/ 3/8" (9.5) PLYWOOD.

SIDING WALL CONSTRUCTION (2"x6")

SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS, FURRING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON 2"x6" (38x 140) STUDS @ 18" (406) O.C., INSULATION, APPROVED 6 MIL POLYETHYLE ARKVAPOUR BARRIER, ON 1/2" (1/2.7) GYPSUM WALLBOARD INT. FIN. GYPSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1,1)) (REFER TO 35 NOTE AS REQ.)

2B SIDING WALL @ GARAGE CONSTRUCTION (2"x4") SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS, FURRING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 318" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO 0.B.C (9.23.10.1.) & SECTION 1.1.,1/2" (12.7) GYPSUM WALLEOARD INTERIOR FINISH, (GYPSUM SHEATHING, RIGID INSULATION AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.1)) (REFER TO 35 NOTE AS REQ.)

BHILD VENEER WALL CONSTRUCTION (2'x6')

3 1/2' (90) BRICK VENEER 1' (25) AIR SPACE, 7/8'x7''>0.03'' (22/180-0.76) GALV. METAL
TIES 6' 16' (400) O.C. HORIZ, 24'' (600) O.C. VERT. TIES 10 BE IN CONTACT WITH
WOOD STUDS ONLY (9, 29.3.5, 1 APPROVED SHEATHING PAPER, 3/8' (9.5) EXTERIOR
TYPE SHEATHING, 2'x6' (38/140) STUDS @ 16' (406) O.C., INSULATION AND 6 mil
POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONTIN. AIR BARRIER, 1/2'
(127) GYPSUM WALLBOARD INTERIOR RINSH. PROVIDE WEED HOLES @ 32' (800)
O.C. BOTTOM COURSE AND OVER OPENINGS, PROVIDE BASE FLASHING UP MIN.
6' (150) BEHIND BUILDING PAPER (9,20.13.6), (REFER TO 3S NOTE AS REQUIRED)

BRICK VENEER WALL @ GARAGE CONSTILLORD OF THE PROVIDE WEED TO THE P

BRICK VENEER WALL @ GARAGE CONSTRUCTION (2"x4") 31/2' (90) BRICK VENEER 1' (25) AIR SPACE, 7/8°X7°X0.03" (22x180x0.76) GALV. METAL TIES @ 16" (400) O.C. HORIZ. 24" (600) O.C. VERT. TIES TO BE IN CONTACT WITH WOOD STUDS ONLY (9.20.9.5.) APPROVED SHEATHING PAPER, 36" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C. (9.23.10.1.) & SECTION 1.1., 1/2" (1.27) GYPSUM WALLBOARD INTERIOR FINISH, PROVIDE WEEP HOLES @ 32" (900) O.C. AT BOTTOM COURSE AND OVER OPENINGS, PROVIDE BASE FLASHING UP 6" (150) MIN. BEHIND BUILDING PAPER (9.20.13.6.) (REFER TO 35 NOTE AS REQ.)

4 INTERIOR STUD PARTITIONS (9.23.9.8., 9.23.10) BEARING PARTITIONS SHALL BE A MINIMUM 224" (38x89) @ 16" (406) O.C. FOR 2 STOREY AND 12" (305) O.C. FOR 3 STOREY, NON-BEARING PARTITIONS 2"x4" (38x89) BOTTOM PLATE AND 2:2"x4" (238x89) TOP PLATE 1.12" (12.7) NIT. DRIVWALL BOTH SIDES OF STUDS, PROVIDE 2'x6" (238x84) TOP PLATE 1.12" (12.7) NIT. DRIVWALL BOTH SIDES OF STUDS, PROVIDE 2'x6" (38x49) STUDS WHERE NOTED, PROVIDE 2"x4" (38x89) @ 24" (610) O.C. LADDER FRAMING WHERE WALLS INTERSECT PERPENDICULAR TO ONE ANOTHER. PROVIDE 2"x4" (38x89) WOD BLOCKING ON FLAT @ 3"-11" (1194) O.C. MAX, BETWEEN FLOOR JOISTS WHEN NON-LOADBEARING WALLS ARE PARALLEL TO FLOOR JOISTS.

(4A) EXT. LOFT WALL CONSTRUCTION - NO CLADDING (2*x6*) 3/8" (9.5) EXTERIOR TYPE SHEATHING, 2*x6" (38x140) STUDS @ 16" (406) 0. INSULATION AND 6 mil POLYETHYLEN VAPOUR BARRIER WITH APPROVEL CONT. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (9.23.)

FOUNDATION WALL/FOOTINGS FOUNDATION WALL/FOOTINGS

15MPa (2200 PSI) POURED CONC. FOUNDATION WALL ON CONTINUOUS KEYED CONCRETE FOOTING. THE OUTSIDE OF THE FOOTING TO FINISHED GRADE AND PROOFED FROM THE TOP OF THE FOOTING TO FINISHED GRADE AND BRUSH COAT FROM THE TOP TO Z'' BELOW GRADE. PROVIDE A PARINAGE LAYER ON THE OUTSIDE OF THE FOUNDATION WALL SEAL THE DRAINAGE LAYER ON THE OUTSIDE OF THE FOUNDATION WALL SEAL THE DRAINAGE LAYER AT THE TOP. THE TOP OF THE CONC. FOOTING SHALL BE DAMPROOFED. CONCRETE FOOTINGS SUPPORTING JOIST SPAINS GREATER THAN 16-1" (4900) SHALL BE SIZED IN ACCORDANCE WITH 9.15.3 4 (1), (2) OF THE O.B.C. (REFER TO CHART BELOW FOR RESPECTIVE SIZE), BADGE FOUNDATION WALL PRIOR TO BACKFLLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OF 75/PA OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF SIGNER, BEARING CAPACITY OF SIGNER BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED

150kPa. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. ACTUAL SOIL BEARING CAPACITY TO BE VERIFIED WITH SOIL ENGINEERING REPORT. REFER TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION WALL STRENGTH AND THICKNESS AND 9.15.4.

FOUNDATION WALLS SHALL NOT EXCEED 9'-10" (3.0m) IN UNSUPPORTED HEIGHT UNLESS OTHERWISE NOTED. [9.15.4.2.(1.)]

TIEIGHT GIVEEGG GITTETIMGE NOTED. [0.10.11.2.(1.)]						
UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.)						
ЗТН	ESS	MAX	(. HEIGHT FROM	FIN. SLAB TO GI	RADE	
STRENGTH	THICKNESS	UNSUPPORTED	SUPPORTED AT TOP			
STF		葦 A	AT TOP	≤2.5m		>2.75m & ≤3.0m
MPa	8	3'-11" (1.20m)	7'-0" (2.15m)	7'-0" (2.15m)	6'-10' (2.10m)	
MF.	10"	4-7 (1.40m)	7'-6" (2.30m)	8-6 (2.60m)	8-2 (2.50m)	
15	12"	4-11" (1.50m)	7'-6" (2.30m)	8-6 (2.60m)	9-3 (2.85m)	
20 MPa	8"	3'-11" (1.20m)	7'-6" (2.30m)	7-6 (2.30m)	7-2 (2.20m)	
	10"	4-7 (1.40m)	7'-6" (2.30m)	8-6 (2.60m)	9-3 (2.85m)	
	12"	4-11" (1.50m)	7-6" (2.30m)	8-6 (2.60m)	9-3 (2.85m)	
	MINIMUM STRIP FOOTING SIZES (9.15.3.)					
	CURRORTING INT					

NUMBER FLOORS SUPPORTING NT. SUPPORTING SUPP SUPPORTING 24 WIDE x 8 THICK 20 WIDE x 6 THICK 24 WIDE x 8 THIC

5A FOUNDATION REDUCTION IN THICKNESS FOR MASONRY WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF MASONRY EXTERIOR FACING, THE REDUCED SECTION SHALL BE NOT LESS THAN 3 12." 90 THICK. THE BRICK VENEER SHALL BE TIED TO THE FOUNDATION WALL WITH COPROSION RESISTANT METAL TIES @ 7 7/8" (200) VERTICAL AND 2-11" (889) HORIZONTAL, FILL VOID WITH MORTAR BETWEEN WALL AND BRICK VENEER (9.154.7/2)(8) 8-20.9 4(5)

(5B) FOUNDATION REDUCTION IN THICKNESS FOR JOISTS
WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO
PERMIT THE INSTALLATION OF FLOOP JOISTS, THE REDUCED SECTION SHALL BE
NOT MORE THAN 13 3/4" (350) HIGH & NOT LESS THAN 3 1/2" (90) THICK (9.15.4.7(1))

6 WEEPING TILE (9.14.3.) 4" (100) Ø WEEPING TILE W/ FILTER CLOTH WRAP & 6" (152) CRUSHED STONE COVER (34A)

7) BASEMENT SLAB OR SLAB ON GRADE (9.16.4.3.) 3" (60) MIN. 25MPa (3600)56) CONC. SLAB DO 14" (100) COARSE GRANULAR FILL, OR 20MPa (2900)56) CONC. WITH DAMPPROOFING BELOW SLAB, PROWDE 1/2" (127, JMPERHAUOUS BOAND FOR BOND BREAK AT EDGE, 91, 31), WHERE A BASEMENT SLAB IS WITHIN 24" (610) OF THE EXTERIOR GRADE PROVIDE RIGID INSUL. AROUND THE PERIMETER EXTENDING MIN. 24" (610) BELOW GRADE. FOI SLAB ON GRADE CONDITIONS RIGID INSULATION SHALL BE APPLIED TO THE UNDERSIDE OF THE ENTIRE SLAB. ((58-12) 2.1.1.6.(5) & (6))

EXPOSED FLOOR TO EXTERIOR
PROVINE SPRAY FOR THE STATE (SB-12) (PROVIDE SPRAY FOAM INSULATION BETWEEN CANT. JOIST AND INSTALL FIN. SOFFIT OR CLADDING AS PER ELEVATION TO U/S OF EXPOSED CANT. JOIST.

EXPOSED CEILING TO EXTERIOR W/ ATTIC INSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INTERIOR FINISH OR APPROVED EQ.

9A EXPOSED CEILING TO EXTERIOR W/o ATTIC

PROVIDE SPRAY FOAM INSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 5/8* (15.9) GYPSUM BOARD INT. FINISH OR APPROVED EQ. (CAN/ULC-S705.2, 9.19.1) (9.8.1.2., 9.8.2., 9.8.4.)

MAX, RISE MIN, RISE MAX, RUN MIN, RUN MAX, TRE NO LIMIT 11' (280) PUBLIC 7" (180) NO LIMIT \langle 38anglePRIVATE 2'-10" (860) MIN RUN 5 7/8" (150) MAX NOSING 1 (25) 2'-11' (900) MIN. AVG. RUN 7 7/8" (200) PUBLIC

** HEIGHT OVER STARS (HEADROOM) IS MEASURED VERTICALLY ACROSS WIDTH OF STARS FROM A STRAIGHT LINE TO THE TREAD & LANDING NOSIN TO LOWEST POINT ABOVE AND NOT LESS THAN 6-5" (1950) FOR SINGLE DWELLING UNIT & 6-3 3/4" (2050) FOR EVERYTHING ELSE. (9.8.2.2.) REQUIRED LANDING IN GARAGE - O.B.C. 9.8.6.2.(3.)
FOR AN EXTERIOR STAIR SERVING A GARAGE WI MORE THAN 3 RISERS. GUARDS, HANDRAILS & STEPS AS PER CONSTRUCTION HEX NOTE 10 & 11.

GUARDS/RAILINGS (9.8.7., 9.8.8.)

GUARDS TO BE DESIGNED NOT TO FACILITATE CLIMBING AND PROVIDING MAX. OPENING CONFORMING TO 0.B.C. 9.8.8.5. & 9.8.8.6. AND BE ABLE TO RESIST LOAD AS PER TABLE 9.8.8.2. GUARD HEIGHTS - O.B.C. 9.8.8.

GUAND HEIGHTS - O.B.C. 9.8.8.
INTERIOR GUARDS: 2-11" (900) MIN.
EXTERIOR GUARDS: 2-11" (900) MIN.
EXTERIOR GUARDS: 2-11" (900) MIN. (LESS THAN 5-11' (1800) TO GRADE)
3-5" (1070) MIN. (MORE THAN 5-11' (1800) TO GRADE)
GUARDS FOR EXIT STARS: 3-0" (920) MIN.
GUARDS FOR LANDINGS @ EXIT STARS: 3-6" (1070) MIN.
GUARDS FOR LOORS & RAMPS IN GARAGES (SERVICE STARS)
FLOOR OR RAMP W/O EXTERIOR WALLS THAT IS 23 5/6" (600) OR MORE ABOVE
ADJACENT SURFACE REQUIRES CONT. CURB MIN. 6" (150) HIGH, AND GUARD
MIN. 3-6" (1070) HIGH.

MIN. 3-6 (1070) HIGH.
REQUIRED GUARDS
BETWEEN WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN
ELEVATION MORE THAN 23 5/8* (600) OR ADJACENT SURFACE WITHIN 3-11*
(1200) & WALKING SURFACE W. A SLOPE MORE THAN 1 IN 12 SHALL BE
PROTECTED WITH GUARDS PER CONSTRUCTION HEX NOTE 11.
HANDRAIL HEIGHTS - O.B.C. 9.8.7. - REQUIRED AS PER 9.8.7.1.(3)
MIN. HEIGHT AT STAIRS OR RAMP: 3-2* (965)
MAX. HEIGHT AT TANDING: 3-6* (1070)
STAIRS OR RAMP MIN. 7-3* (2200) WIDE: 2-9* (865) MIN. HEIGHT

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.

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2244" (38x89) SILL PLATE WITH 1/2" (12.7)Ø ANCHOR BOLTS 6" (200) LONG, EMBEDDED MIN. 4" (100) INTO CONC. @ 7-10" (2889) C.C., CAULKING OR GASKET BETWEEN PLATE AND TOP OF FOUNDATION WALL, USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED (9.23.7.) BASEMENT INSULATION ([SB-12] 2.1.1.6.)

PROVIDE BLANKET INSULATION W/ BUILT IN 6 mil POLYETHYLENE VAPOUR BARRIER, INSULATION TO EXTEND NO MORE THAN 8" (200) ABOVE FINISHED BASEMENT FLOOR, DAMPROOFED WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL.

BEARING STUD PARTITION IN BASEMENT (9.15.3.6, 9.23.10.1.)
2**x** (38.89) STUD © 16** (406) O.C., 2**x** (38.89) SILL PLATE ON DAMPPROOFING
MATERIAL OR 2 ms (9.10) FINTLY ENE FILM. 17** (12.7) Ø ANCHOR BOLTS 8 (200)
LONG, EMBEDDED 4** (100) MIN. INTO CONC. @ 7*-10** (2390) O.C. 4** (100) HIGH
CONC. CURB ON CONC. FOOTING. FOR SIZE REFER TO HEX NOTE 5. ADD
HORLS BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

ADJUSTABLE STEEL BASEMENT COLUMN (9.17.3.4.) 9-10" (3000) MAX. SPAN BETWEEN COLUMNS, 3 1/2" (90) SINGLE TUBE ADJUSTABLE STEEL COLUMN CONFORMING TO CAN/CGSB-7;2M, AND WITH 6%\$438" (1542-56) 5) STEEL PLATE TOP 8 BOTTOM, FIELD WELD BASEMENT COLUMN CONNECTION, 34*34*16" (870x870x410) CONC, FOOTING ALL ON NATURAL UNDISTURBED SOLID F 75RFa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kP AS PER SOLIS REPORT.

3 1/2" (90)Ø x 0,188" (4,78) NON-ADJUSTABLE STEEL COLUMN WITH 6'x6'x3/6" (152x152x9.5) STEEL PLATE TOP & BOTTOM, FIELD WELD BASEMENT COLUMN CONNECTION. 42"x42"x18" (1070x1070x460) CONC. FOOTING ALL ON NATURAL UNDISTURBED SOIL OF 75kPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa AS PER SOILS REPORT.

(15B) NON-ADJUSTABLE STL. COLUMN AT FOUNDATION WALL
3 1/2' (90)0 x 0.188" (4.78) NON-ADJUSTABLE STEEL COLUMN WITH 6%6 x3/8"
(152x152x9.5) STEEL TOP PLATE & 6%4 x3/8" (152x160x9.5) BOTTOM PLATE. BASE
PLATE 4-1/2x16/x1/2 (120x250x12.7) WITH 2-1/270 x 12" LONG X x 2" HOOK
ANCHORS (2-12.70/x305x50). FIELD WELD COLUMN TO BASE PLATE & STEEL BM.

16) STEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1.) BEAM POCKET OR 8'x8' (200x200) POURED CONC. NIB WALLS, MIN. BEARING 3 1/2" (90).

4" (100) 32MPa (4640ps) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT. 4" (100) COARSE GRÂNULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. SLOPE TO FRONT @ 1% MIN.

1/2 (12.7) GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS AND SPRAY FOAM FOR CEILINGS. TAPE AND SEAL ALL JOINTS GAS TIGHT. 20) GARAGE DOOR TO HOUSE (9.10.9.16., 9.10.13.10., 9.10.13.15.)

GAS-PROOF DOOR AND FRAME. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHER STRIPPING. EXTERIOR AND GARAGE STEPS

PRECAST CONC. STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER.

MAX RISE 7-7/8" (200), MIN, TREAD 9-1/4" (235), FOR THE REQUIRED NUMBER OF
STEPS REFER TO SITING AND GRADING DRAWINGS, EXTERIOR CONCRETE
STAIRS WITH MORE THAN 2 RISERS AND 2 TREADS SHALL BE PROVIDED WITH
FOUNDATION AS REQUIRED BY ARTICLE 9.8.9.2. OR SHALL BE CANTILEVERED
AS PER SUBSECTION 9.8.10.

DRYER EXHAUST

CAPPED DRYER EXHAUST VENTED TO EXT. CONFORMING TO PART 6, OBC 9.32 23) ATTIC ACCESS (9.19.2.1.)

ATTIC ACCESS HATCH WITH MIN. AREA OF 0.32m2 AND NO DIM. LESS THAN 21 1/2" (545) WITH WEATHER STRIPPING, HATCHWAYS TO THE ATTIC OR ROOF SPACE WILL BE FITTED WITH DOORS OR COVERS AND WILL BE INSULATED WITH MIN. R20 (RSI 3.52) ([SB-12] 2.1.1.7.(1))

FIREPLACE CHIMNEYS (9.21.) TOP OF FIREPLACE CHIMNEY SHALL BE 2-11* (889) ABOVE THE HIGHEST POINT AT WHICH IT COMES IN CONTACT WITH THE ROOF AND 2-0* (610) ABOVE THE ROOF SURFACE WITHIN A HORIZ. DISTANCE OF 10-0* (3048) FROM THE CHIMNEY.

25 LINEN CLOSET
PROVIDE 4 SHELVES MIN. 14' (356) DEEP.

(9.32.1.3.)

MECHANICAL VENTILATION

MECHANICAL EVILLED FACE (9.32.1.3.)

MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR, TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR. SEE GENERAL NOTE 2.3.

PARTY WALL BEARING (9.23.8) 12"x12"x5(8")(280x280x15.9) STEEL PLATE FOR STEEL BEAMS AND 12"x12"x1/2" (280x280x12.7) STEEL PLATE FOR WOOD BEAMS BEARING (MIN. 3-1/2" (89)) ON CONC. BLOCK PARTY WALL, ANCHORD WITH 2-3"y" (2-19) x 8" (200) LONG GAL ANCHORS WITH) SOLID BLOCK COURSE. LEVEL WI NON-SHINK GROUT. REFER TO NOTE SOLID BEARING (SECTION 3.0) FOR W.D. STUD PARTY WALL.

WOOD FRAMING IN CONTACT TO CONCRETE WOOD BEARING WALLS AND BUILT-UP WOOD POSTS/BEAMS ADJACENT TO FOUNDATION WALLS SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil POLY, THE UNDERSIBLE OF BUILT-UP WOOD POSTS AND SILLS SHALL BE WRAPPED WITH 2 mil POLY, STRIP FOOTINGS SUPPORTING THE FOUNDATION WALL SHALL BE WIDENED 6" (152) BELOW THE BEARING WALL AND/OR WOOD POST. (9.17-4.3.)

BUILT-UP WOOD POST AND FOOTING3-23/8" (3-38/449) BUILT-UP WOOD POST (UNLESS OTHERWISE NOTED)
ON METAL BASE SHOE ANCHORED TO CONC. WITH 1/2" (12.7) Ø BOLT,
24'\24'\21" (610\xi610\xi305) CONC. FOOTING. (9.17.4.1., 9.15.3.7.)

30 STEP FOOTINGS (9.15.3.9.)
MIN. HORIZ, STEP = 23 5/8 (600), MAX, VERT, STEP = 23 5/8 (600)

31) CONC. PORCH SLAB (9.16.4.) MIN. 4" (100) CONCRETE SLAB ON GRADE ON 4" (100) COARSE GRANULAR FILL, REINFORCED WITH 6x6xW2 9xW2.9 MESH PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32MPa (4640ps)) WITH 5-8% AIR ENTRAINMENT ON COMPACTED SUB-GRADE.

FURNACE VENTING (9.32.)
DIRECT VENT FURNACE TERMINAL MIN. 3-0" (915) FROM A GAS
REGULATOR. MIN. 12" (305) ABOVE FIN. GRADE. FROM ALL OPENINGS
EXHAUST AND INTRACE VENTS. HPV INTRACE TO BE A MIN. OF 6-0" (1830
FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION CODE.

FIREPLACE VENTING (9.32.3.)

DIRECT VENT GAS FIREPLACE VENT TO BE A MIN. 12" (305) FROM ANY OPENING AND ABOVE FIN. GRADE, REFER TO GAS UTILIZATION CODE.

FLOOR FRAMING (9.23.3.5, 9.23.9.4, 9.23.14)

T&G SUBFLOOR ON WOOD FLOOR JOISTS, FOR CERAMIC TILE APPLICATION SEE O.B.C, 9.30.6, ALL JOISTS WHERE REQUIRED TO BE BRIDGED WITH 252' (38:38) CROSS BRACING OR SOLID BLOCKING @ 6-11' (2108) O.C. MAX. ALL JOIST OBE STRAPPED WITH 1'%2' (1964) @ 6-11' (2108) O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED.

HEADER CONSTRUCTION

PROVIDE CONTINUOUS APPROVED AIR/VAPOUR BARRIER (HEADER WRAP) UNDER THE SILL PLATE. AROUND THE RIM BOARD AND UNDER THE BOTTON PLATE. THE HEADER WRAP SHALL EXTEND 6' (152) BELOW THE TOP OF FOUNDATION WALL AND WILL BE SEALED TO THE CONCRETE FOUNDATION WALL EXTEND HEADER WRAP 6' (152) UP THE INTERIOR SIDE OF THE STUD WALL AND VERLAP WITH THE VAPOUR BARRIER AND SEAL THE JOINT, ALL EDGES/JOINTS MUST BE MECHANICALLY CLAMPED.

35 EXPOSED BUILDING FACE w/ LIMITING DISTANCE <= 3'-11" (1.20m) WALL ASSEMBLY CONTAINS INSULATION CONFORMING TO CANULC-S702: HAVING A MASS OF NOT LESS THAN 1.22 kg/m² OF WALL SURFACE AND 1/2. (12.7) TYPE X GYPSUM WALLGOARD INTEGRO FINISH, EXTERIOR CLADDING MUST BE NON-COMBUSTIBLE. WALL ASSEMBLY REQUIRES TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 MINUTES & CONFORMING TO O.B.C. (9.10.14. OR 9.10.15.), REFER TO DETAILS FOR TYPE & SPECS.

COLD CELLAR PORCH SLAB (9.39.) $\langle 36 \rangle$

FOR MAX. 8-2° (2500) PORCH DEPTH, 5° (127) 32 MPa (4640psi) CONC. SLAB W/5-88 AIR ENTRAINMENT. REINF. WITH 10M BARS @ 77/8° (200) O.C. EACH DIRECTION. W! 1 1/4° (32) CLEAR COVER FROM BOTTOM OF SLAB TO FIRST LAYER OF BARS & SECOND LAYER OF BARS LAID DIRECTLY ON TOP OF LOWER LAYER IN OPPOSITE DIR. 24°24° (610x610) 10M DOWELS @ 23 5/8° (600) O.C., ANCHORED IN PERIMETER FND. WALLS. SLOPE SLAB 1.0% FROM DOOR.

RANGE HOODS AND RANGE-TOP FANS \langle 37angleCOOKING APPLIANCE EXHAUST FANS VENTED TO EXTERIOR MUST CONFORM TO OBC 9.32.3.9. & 9.32.3.10.

CONVENTIONAL ROOF FRAMING (9.23.13., 9.23.15.) 2x6" (38x140) RAFTERS @ 16" (406) O.C., 2x8" (38x184) RIDGE BOARD. 2x4" (38x89) COLLAR TIES AT MID-SPAN. CEILING JOISTS TO BE 2x4" (38x89) GOLLAR TIES AT MID-SPAN. CEILING JOISTS TO BE 2x4" (38x89) @ 16" (406) C.C. FOR MAX. 5y2" (28x19) SNA 2x6" (38x140) @ 16" (406) C.C. FOR MAX. SPAN 14-7" (44x50). RAFTERS FOR BUILT UP ROOF ÖVER PRE-ENCINEERED ROOF TRUSSES AND OR CONVENTIONAL FRAMING TO BE 2x4" (38x89) @ 24" (610) O.C. UNLESS OTHERWISE SPECIFIED.

39) TWO STOREY VOLUME SPACES (9.23.10.1., 9.23.11., 9.23.16.)

/	WALL AS	SSEMBLY		WIND	VIND LOADS		
	EXTERIOR	STUDS	<= 0.5 kPA (q50)		> 0.5 kPa (q50)		
	EXTENION	31003	SPACING	MAX HEIGHT	SPACING	MAX HEIGHT	
	BRICK	(2-38y140)	12" (305) O.C.	18'-4" (5588)	8 (200) O.C.	18-4 (5588)	
	SIDING		16" (406) O.C.	18'-4" (5588)	12" (305) O.C.	18-4 (5588)	
	BRICK	2-2"x6" ENGINEER STUDS	12" (305) O.C.	21'-0" (6400)	12" (305) O.C.	21-0 (6400)	
	SIDING		16" (406) O.C.	21'-0" (6400)	16" (406) O.C.	21-0 (6400)	
	STUDS ARE TO BE CONTINUOUS, C/W 3/8" (9.5) THICK EXTERIOR PLYWOOD						

SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 4-0* (1220) O.C. VERTICALLY. - FOR HORIZ, DISTANCES LESS THAN 9-6" (2896) PROVIDE 2%6" (38x140) STUDS @ 16" (406) O.C. WITH CONTIN, 22"X6" (2-38x140) TOP PLATE + 1-2"X6" (1-38x140) BOTTOM PLATE & MIN, OF 3-2"X6" (3-38x144) CONT, HEADER AT GROUND FLOCC CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADERS.

- SUBJECT TO BE APPROVED BY PROJECT ENGINEER OR ENGINEERED LUMBEI MANUFACTURER.

40) 1 HR. PARTY WALL (CONC. BLOCK) ([SB-3] WALL TYPE 'B6e' & 'B1b' 1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2"X2" (38x38) VERTICAL W STRAPPING @ 24" (610) O.C. ON 8" (200) CONC. BLOCK FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE MATERIAL SSED FROM ROCK, SLAG OR GLASS, TAPE, FILL & SAND ALL GYPSUN JOINTS. EXPOSED BLOCK MUST BE SEALED W/ 2 COATS OF PAINT OR FURRED WITH 2"X2" (38x38) WD. STRAPPING & 1/2" (12.7) GYPSUM SHEATHING

40 1 HR. PARTY WALL (DOUBLE STUD) ([SB-3] WALL TYPE W13c) 5/8 (15.9) TYPE X GYPSUM SHEATHING ON EXTERIOR SIDE OF 2 ROWS OF 2 X3889) STUDS @ 16 (466) O.C., MIN. 1" (25) APART ON SEPARATE 2 X4 (3889) SILL PLATES, FILL ONE SIDE OF STUD CAVITY WITH AT LEAST 90% OF BRSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS, TAPE FILL NADO CAND. ALL CASES LIVE FOR THE STUD CAVITY WITH AT LEAST 90% OF AND SAND ALL GYPSUM JOINTS

2 HR. FIREWALL ([SB-3] WALL TYPE B6e' & 'B2g') 1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 252" (38x38) VERTICAL WOOD STRAPPING @ 24" (610) O.C. ON 8" (200) CONC. BLOCK 75% SOLID. FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS. TAPE, FILL & SAND ALL GYPSUM JOINTS, AT UNFINISHED AREAS, EXTERIOR FACE OF CONC. BLOCK TO BE SEALED WITH 2 COATS OF PAINT. GYPSUM SHEATHING TO BE ATTACHED TO CONC. BLOCK, (REFER TO DETAILS)

STUCCO WALL CONSTRUCTION (2"x6") STUCCO FINISH CONFORMING TO O.B.C. SECTION 9.28. AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 1 1/2* (88) MIN. EXTERIOR RIGID INSULATION BOARD ON APPROVED DRANAGE MAT ON 1/2* (12.7) DENISGLASS GOLD GYPSUM BOARD ON 2*6* (384140) SPRUCE STUDS @ 16* (406) O.C. INSULATION. APPROVED 6 MIL POLYETHYLER VAPOUR BARRIER. 1/2* (12.7) GYPSUM WALLBOARD INTERIOR FINISH. (REFER TO 35 NOTE AS REQUIRED) STUCCO WALL @ GARAGE CONST. (2"x4")

STUCCO WALL @ GARAGE CONS1. [2 24]
STUCCO FINISH CONFORMING TO 0.B.C. SECTION 9.28. AND APPLIED PER
MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) MIN. EXTERIOR RIGID
INSUL BOARD ON APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSICLASS GC
GYPSUM BBD, ON STUDS CONFORMING TO 0.B.C. (9.23.10.1,).8 SECTION 1.1
1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQ.) UNSUPPORTED FOUNDATION WALLS (9.15.4.2.) REINFORCING AT STAIRS AND SUNKEN FLOOR AREAS
2-20M BARS IN TOP PORTION OF WALL (UP TO 8"O 'OPENING')
3-20M BARS IN TOP PORTION OF WALL (8"0" TO 10"0" OPENING
4-20M BARS IN TOP PORTION OF WALL (10"0" TO 13"0" OPENING
4-20M BARS IN TOP PORTION OF WALL (10"0" TO 13"0" OPENING
4-20M BARS STACKED VERTICALLY AT INTERIOR FACE OF WALL
REINFORCING AT BASEMENT WINDOWS

2-15M HORIZ. REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE FOUNDATION WALL BELOW THE WIN. SILL. EXTEND BARS 24 (610) BEYOND THE OPENING, 2-15M VERTICAL REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE FOUNDATION WALL ON EACH SIDE OF THE WINDOW OPENING - BARS TO HAVE MIN. 2" (50) CONC. COVER - BARS TO EXTEND 2-0" (610) BEYOND BOTH SIDES OF OPENING

STUD WALL REINFORCEMENT

PROVIDE STUD WALL REINFORCEMENT IN MAIN BATHROOM CONFORMING TO O.B.C. (9.5.2.3.(1) AND 3.8.3.8.(3)) (REFER TO DETAILS)

WINDOW WELLS

WHERE A WINDOW OPENS INTO A WINDOW WELL, A CLEARANCE OF NOT LESS THAN 21 5/8' (550) SHALL BE PROVIDED IN FRONT OF THE WINDOW. EVERY WINDOW WELL SHALL BE DRANIED TO THE FOOTING LEVEL OR OTHER SUTABLE LOCATION WITH A 4" (100) WEEPING THE COW A FILTER CLOTH WRAP AND FILLED WITH CRUSHED STONE. (9.9.10.1.(5), 9.14.6.3.)

 $\underline{\textbf{SLOPED CEILING CONSTRUCTION}} \quad ([\text{SB-12}] \ 2.1.1.7., 9.23.4.2.)$ 2*12 (38-286) ROOF JOISTS @ 16" (406) O.C. MAX, (JUNESS OTHERWISE NOTED) W/ 2*22" (38-288) PURLINS @ 16" (406) O.C. PERPENDICULAR TO RO JOIST (PURLINS NOT RED. W. SPRAY FOAM), WI INSULATION BETWEEN JO! 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD I FRISHS OR A PROVED TEI, INSULATION VAULE DIRECTLY ABOVE THE INNE SURFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 (3.52 RSI).

FLAT ROOF/BALCONY CONSTRUCTION

FLAT ROD-/BALCONY CONSTRUCTION
WATERPROOFING MEMBRANE FULLY ADHERED TO 5/8" (15.9) T&G EXTERIOR
GRADE PLYWOOD SHEATHING ON 2'x2" (38x38) PURILINS ANGLED TOWARDS
SCUPPER (@ 2% MINIMUM LAID PERPENDICULAR TO 2'x8" (38x184) FLOOR
SOLISTS (6) 16" (406) C.C. (UNLESS OTHERWISK NOTED). BUILT UP CURB TO BI
4" (100) MIN. ABOVE FINISHED BALCONY FLOOR, CONTINUIOUS 'U TRIM DRIP
EDGE TO BE PROVIDED ON OUTSIDE FACE OF CURB. SCUPPED RORAN TO
ELOCATED 24" (6) 10) MIN. AWAY FROM HOUSE. PREFINISHED ALUMINUM OR
PANEL FOR UNDERSIDE OF SOFFIT (9.23.2.3). REMOVE CURB WHERE REQ.
BALCONY CONDITION

BALCONY OVER HEATED SPACE CONDITION PLANS FOR FLOOR JOIST SIZE & REFER TO HEX NOTE 9A FOR INSULATION

BARREL VAULT CONSTRUCTION

CANTILEVERED 2"24" (38:29) SPACERS LAID FLAT ON 2"x10" (38:235) SPR.:
ROOF, JOIST MAILED TO BUILT-UP 3-3/4" (19) PLYWOOD HEADER PROFILET
BARREL, SPRAY FOAM INSULATION BETWEEN JOISTS W/ GYPSUM BOARD.

SECTION 1.1. WALL STUDS

- REFER TO THIS CHART FOR STUD SIZE & SPACING AS REQUIRED FOR EXTERIOR WALLS ONLY, REFER TO STING & GRADING PLAN OF THIS UNIT FOR CONFIRMATION OF TOP OF FOUNDATION WALL AND ADDITIONAL INFORMATION.

- IF STUD WALL HEIGHT EXCEEDS MAX, UNSUPPORTED HEIGHT, WALL NEEDS TO BE REVIEWED AND APPROVED BY ENGINEER.

ı	SIZE	& SPACING OF	STUDS: (OBC RE		E 9.23.10.1.)
ı	MIN.	SUPPORTED LOADS (EXTERIOR)			
STUD SIZE, in (mm) ROOF w/ OR ROOF w/ OR	STUD	ROOF w/ OR w/o ATTIC	ROOF w/ OR w/o ATTIC & 1 FLOOR	ROOF w/ OR w/o ATTIC & 2 FLOOR	ROOF w/ OR w/o ATTIC & 3 FLOOR
ı	ar (many	MAX. UNSUPPORTED HGT., ft-in (m)			
ı	2'x4"	24" (610)	16' (405)	12" (305)	N/A
ı	(38x89)	9'-10' (3.0)	9'-10" (3.0)	9'-10" (3.0)	N/A
ı	2'x6"	-	24" (610)	16" (406)	12" (305)
ı	(38x140)	_	9-10" (3.0)	11'-10" (3.6)	5-11 (1.8)

SECTION 2.0. GENERAL NOTES

2.1. WINDOWS

I EXCEPT WHERE A DOOR ON THE SAME FLOOR LEVEL AS THE BEDROOM PROVIDES
DIRECT ACCESS TO THE EXTERIOR, EVERY FLOOR LEVEL CONTAINING A BEDROOM IS
TO HAVE AT LEAST ONE OUTSIDE WINDOW W MIN 1, 33-372 UNDOSTRUCTED OPEN
PORTION W NO DIMENSION LESS THAN 13" (380), CAPABLE OF MAINTAINING THE
OPENING WITHOUT THE NEED FOR ADDITIONAL SUPPORT, CONFORMING TO 9.9.10.

OPENING WIHOUT HE NEED FOR A WINDOW WITH A MAXIMUM RESTRICTED OPENING WIDTHO (1999). 22 WINDOW GLARDS: A GUARD OR A WINDOW WITH A MAXIMUM RESTRICTED OPENING WIDTH OF 4" (100) IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 1", "(480) ABOVE FIN, FLOOR AND THE DISTANCE FROM THE FINISHED FLOOR TO THE ADJACENT GRADE IS GREATER THAN 5"-11" (1800), [9.88.1.), 3) WINDOWS IN EXIT STARWAYS THAT EXTEND TO LESS THAN 2"-11" (1800), [9.8" (1070) FOR ALL OTHER BUILDINGS) SHALL BE PROTECTED BY GUARDS IN ACCORDANCE WITH NOTE #2 (ABOVE), OF THE WINDOW SHALL BE NON-OPERABLE AND DESIGNED TO WITHSTAND THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN 4.1.5.15 OR 9.8.8.2 PAGE FOR MAX. U-VALUE REQUIREMENTS

4) REPERTO THE PAGE FOR MAA, O-VALUE REQUINEMENTS

2.2. CEILING HEIGHTS
THE CEILING HEIGHTS OF ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1

OUMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1.

71-7" OVER 75% OF REQUIRED FLOOR AREA WITH A CLEAR HEIGHT OF 6-11" AT ANY POINT
71-7" OVER 50% OF REQUIRED FLOOR AREA OR 6-11"
OVER ALL OF THE REQUIRED FLOOR AREA OR 6-11"
OVER ALL OF THE REQUIRED FLOOR AREA
EXCEPT THAT UNDER BEAMS AND DUCTS THE
CLEARANCE IS PERMITTED TO BE REDUCED TO 6-5.

8.1191.NA DEPA MILETE A PERCONNICIONED

9.1191.NA DEPA MILETE A PERCONNICIONED

9.1191.NA DEPA MILETE A PERCONNICIONED

10.1191.NA DEPA MILETE A PERCON ROOM OR SPACE LIVING ROOM, DINING ROOM AND KITCHEN 6'-11" IN ANY AREA WHERE A PERSON NORMALLY BE STANDING MENTIONED ABO MEZZANINES

6-11" ABOVE & BELOW FLOOR ASSEMBLY (9.5.3.2.) 6'-7' (9.5.3.3.)

1) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.7 AIR CHANGE PER HOUR IF NOT AIR CONDITIONED 1 PER HOUR IF AIR CONDITIONED AVERAGED OVER 24 HOURS, WHEN A VENTILATION FAN (PRINCIPAL EXHAUST) IS REQUIRED, CONFORM TO 08C 9.32.3.4. WHEN A HRV IS REQUIRED, CONFORM TO 9.32.3.1.1. REFER TO MECHANICAL DRAWINGS.
2) REFER TO HOT WATER TANK MANUFACTURER SPECS, CONFORM TO 08C 9.31.6

REFER TO TITLE PAGE FOR SPACE HEATING FOLIPMENT HEATER MINIMUM EFFICIENCIES. 2.4. LUMBER

ALL LUMBER SHALL BE SPRUCE No.2 GRADE OR BETTER, UNLESS NOTED OTHERWISE STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE 3) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No. 2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

A) ALL LAMINATED VENEER LUMBER (ILV.) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY FLOOR AND ROOF TRUSS MANUFACTURES.

5) JOIST HANGERS: PROVIDE APPROVED METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING WITH FLUSH BUILT-UP WOOD MEMBERS INTERSECTING WITH FLUSH BUILT-UP WOOD MEMBERS OF WOOD FRAMING NOT TREATED WITH A WOOD PRESENTATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONC. BY AT LEAST 2 mil POLYETHYLEN FILM. No.50 (46)bs) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 6" (152) ABOVE THE GROUND.

2.5. STEEL (9.23.4.3.) USTRUCTURAL STEEL SHALL CONFORM TO CANICSA-G40-21 GRADE 300W, HOLLOW STRUCT. SECTIONS SHALL CONFORM TO CANICSA-G40-21 GRADE 300W CLASS "H".

2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

2.6. FLAT ARCHES

2.0. FLAT ARCHES 1) FOR 8-0" (2440) CEILINGS, FLAT ARCHES SHALL BE 6-10" (2080) A.F.F 2) FOR 9-0" (2740) CEILINGS, FLAT ARCHES SHALL BE 7-10" (2400) A.F.F 8) FOR 10"-0" (3040) CEILINGS, FLAT ARCHES SHALL BE 8'-6" (2600) A.F.F 2.7. ROOF OVERHANGS
1) ALL ROOF OVERHANGS SHALL BE 1-0 (305). UNLESS NOTED OTHERWISE.
2.8. FLASHING (9.20.13., 9.26.4. & 9.27.3.)

TERIALS & INSTALLATION SHALL CONFORM TO O.B.C

1) PLASHING WALLENGED OF THE BUILDING SITE GRADED SO THE WATER WILL NOT ACCUMULATE AT OR NEAR THE BUILDING AND WILL NOT ADVERSELY AFFECT ADJACENT PROPERTIES. CONFORM TO 9,14.6.

2.10. ULC SPECIFIED ASSEMBLIES

ALL PECULIFED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY "ULC USTED ASSEMBLY", SPECIFIED WITHIN THESE DRAWINGS, CANNOT BE ALTERED OR SUBSTITUTIED FOR ANY OTHER MATERIAL PRODUCT OR SPECIFIED WANUFACTURER THAT IS IDENTIFIED IN THAT SPECIFIED ULC USTING: THERE SHALL BE NO DEVIATIONS UNDER ANY CIRCUMSTANCES IN ANY "ULC USTED ASSEMBLY" IDENTIFIED IN THESE DRAWINGS.

ESQUIRE HOMES - 212043

RIVER RUN, AJAX, ONTARIO

SECTION 3.0. LEGEND

3.1. WOOD LINTELS AND BUILT-UP WOOD (DIVISION B PART 9, TABLES AS TO A10 AND A12, A15 & A16) IG PART OF SENTENCE 9.23.4.2.(3), 9.23.4.2.(4), 9.23.12.3.(1),(3), 9.23.13.8.(2), 9.3 2/2"x10" (2/38x235) 4/2"x8" (4/38x184) 4/2 x10" (4/38x235) 4/2"x12" (4/38x286) 5/2"x8" (5/38x184) ENGINEERED LUMBER SCHEDUL 1 3/4 x 11 7/8 LVL 1 3/4" x 14" LVL

1-1 3/4"x9 1/2 1-1 3/4"x11 7/8" 1-1 3/4"x14" LVL6 2-1 3/4"x11 7/8" LVL11 2-1 3/4"x14" 3-1 3/4"x11 7/8" 3-1 3/4"x14"

3.2. STEEL LINTELS SUPPORTING MASONRY VENEER
(DIVISION B PART 9. TABLE 9.20.5.2.B.)
FORMING PART OF SENTENCE 9.20.5.2.(2) & 9.20.5.2.(3)

CODE	SIZE	BRICK	STONE		
L7	3 1/2" x 3 1/2" x 1/4" (89 x 89 x 6.4)	8'-1" (2.47m)	7'-6" (2.30m)		
L8	4 × 3 1/2 × 1/4" (102 × 89 × 6.4)	8'-9" (2.66m)	8'-1" (2.48m)		
L9	4 7/8' x 3 1/2" x 5/16' (127 x 89 x 7.9)	10-10 (3.31m)	10-1" (3.03m)		
L10	4 7/8' x 3 1/2" x 3/8" (127 x 89 x 11)	11'-5" (3.48m)	10'-7" (3.24m)		
L11	5 7/8" x 3 1/2" x 3/8" (152 x 89 x 11)	12'-6" (3.82m)	11'-7" (3.54m)		
L12	7 1/8 x 4 x 3/8" (178 x 102 x 11)	14'-1" (4.30m)	13'-1" (3.99m)		

3.3. DOOR SCHEDULE CONFORMING TO SECTIONS 9.5.11, 9.6., 9.7.2.1, & 9.10.13.10 1 EXTERIOR 2'-8" x 6'-8" x 1-3/4" (815 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)

1A EXTERIOR 2'-10' x 6'-8" x 1-3/4" (865 x 2030 x 45) INSULATED MIN. R4 (RSI 0.1 1B EXTERIOR 3'-0" x 6'-8" x 1-3/4" (915 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) EXTERIOR 2'-6" x 6'-8" x 1-3/4" (760 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) EXTERIOR 2'-8' x 6'-8" x 1-3/4" (815 x 2030 x 45) INS. MIN. R4 (RSI 0.7) (SEE HEX NOTE EXTERIOR 3'-0" x 8'-0" x 1-3/4" (915 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7) 2'-8" x 6'-8" x 1-3/8" (815 x 2030 x 35) INTERIOR EXTERIOR 2:8 x 6:8 x 1:3/4 (815 x 2030 x 45) 20 MIN. F.R.P. DOOR/FRAME WITH APP. SELF CLOSING DEVICE INTERIOR ЗА INTERIOR | 2'-4" x 6'-8" x 1-3/8" (710 x 2030 x 35 INTERIOR 2'-0" x 6'-8" x 1-3/8" (610 x 2030 x 35 4A INTERIOR 2'-2" x 6'-8" x 1-3/8" (660 x 2030 x 35) INTERIOR | 1'-6" x 6'-8" x 1-3/8" (460 x 2030 x 35 3.4. ACRONYMS LVL LAMINATED VENEER LUMBER AFF ABOVE FINISHED FLOOR LSL LAMINATED STRAND LUMBER BBFM BEAM BY FLOOR MANUFACTURER FIXED GLASS W/ BLACK BACKING TB/A OPEN TO BELOW/ABOVE PL POINT LOAD BRM BEAM BY ROOF MANUFACTURER PLT PLATE

PSL PARALLEL STRAND LUMBER CRF CONVENTIONAL ROOF FRAMING PT PRESSURE TREATED :/// COMPLETE WITH J/TJ DOUBLE JOIST/ TRIPLE JOIST PTD PAINTED DO OVER RT ROOF TRUSS RWL RAIN WATER LEADER DRP DROPPED ENCLOSED SB | SOLID BEARING WOOD POST SBFA SB FROM ABOVE SJ SINGLE JOIST ESTIMATED FA FLAT ARCH SPR SPRUCE STL STEEL FLOOR DRAIN FG FIXED GLASS T/O TOP OF TYP TYPICAL FLUSH FLR | FLOOR U/S UNDERSIDE WD WOOD GIRDER TRUSS HB HOSE BIB WIC WALK IN CLOSET WP WEATHER PROOF JST JOIST 3.5. SYMBOLS ALL ELECTRICAL FACILITIES SHALL BE IN ALLED IN ACCORDANCE WITH SECTION 9.34 • EXHAUST VENT DUPLEX OUTLET (12" HIGH) ◆

© DUPLEX OUTLET (HEIGHT AS NOTED A.F.) lacksquareHEAVY DUTY OUTLET SWITCH (2/3/4 WAY)

CENTRAL VACUUM OUTLET CHANDELIER (CEILING MOUNTED SMOKE ALARM (9.10.19.)
ONE PER ELOOR, NEAR THE STAIRS

POT LIGHT

CABLE T.V. JACK

Z\€

PROVIDE ONE PER FLOOR, NEAR THE STARS CONNECTING THE FLOOR LEVEL ALARMS ARE TO BE INSTALLED IN EACH SLEEPING ROOM AND IN A LOCATION BETWEEN SLEEPING ROOM: AND CONNECTING HALLWAYS AND WHED TO BE INTERCONNECTED TO ACTIVATE ALL ALARMS IN OR SOUNDS. ALARMS ARE TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND WITH A BATTERY BACKUP, ALARMS SIGNAL SHALL MEET TEMPORAL SOUND PATTERNS MIN, ALARMS SHALL HAVE A VISUAL SIGNALLING COMPONENT AS PER THE "NATIONAL FIRE ALARM AND SIGNALING CODE 72." → CMD CARBON MONOXIDE ALARM (9.33.4.)

** CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S)
CONFORMING TO CAN/CGA-6.19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH
DWELLING UNIT ADJACENT TO EACH SLEEPING AREA CARBON MONOXIDE ALARM(S)
SHALL BE PERMANENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS

LIGHT FIXTURE (CEILING MOUNTED

TELEPHONE JACK

AUDIBLE WITHIN SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED SB SOLID BEARING (BUILT-UP WOOD COLUMNS AND STUD POSTS) THE WIDTH OF A WOOD COLUMN SHALL NOT BE LESS THAN THAN THE WIDTH OF SUPPORTED MEMBER. BUILT-UP WOOD COLUMNS SHALL BE NAILED TOGETHER WITH NOT LESS THAN 3" (76) NAILS SPACED NOT MORE THAN 11 3/4" (300) (

OF STUDS IN A WALL DIRECTLY BELOW A GIRDER TRUSS OR ROOF BEAM SHALL CONFORM TO TABLES A-34 TO A-37, (9.17.4., 9.23.10.7.) TWO STOREY VOLUME SPACE. SEE CONSTRUCTION NOTE 39

VARYING PLATES, BUILT-OUT FLOORS, BEARING WALLS, ICE & WATER SHIELD WWWWW EXPOSED BUILDING FACE -O.B.C. 9.10.14. OR 9.10.15.
REFER TO HEX NOTE 35. & DETAILS FOR TYPE AND SPECIFICATIONS. 1 HR. PARTY WALL REFER TO HEX NOTE 40. 2 HR. FIREWALL REFER TO HEX NOTE 40A

SECTION 4.0. CLIMATIC DATA DESIGN SNOW LOAD (9.4.2.2.): 1.00 kPa 0.48 **kPa**

WIND LOAD (q50) (SB-1.2.):

REFER TO SB-12 ENERGY EFFICIENCY DESIGN MATRIX ON THE TITLE PAGE FOR ALL VALUES AS REQUIRED PER 2.1.1., 2.1.2, 2.1.3. OF THE OBC.

NTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB. REPORT ANY DISCREPANCIES TO HUNT IS ASSOCIATES INC. (H.D.A.), BEFORE PROCEEDING WITH THE WORK, ALL THE DRAWINGS & ECIFICATIONS ARE THE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF H.D.A.I. ALL CONSTRUCTION TO ADMERT INSTRUMENTS OF SENDER AND ARE THE PROPERTY OF RULAD.

ALL CONSTRUCTION TO ADMERT TO THESE PLANS AND SPECIFICATIONS AND TO CONFORM TO THE
ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION.
THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMM SPECIFICATIONS, ONT. REG. 3,321/2.

CONSTRUCTION NOTE REVISION DATE: July31 2015 - ADDED SECTION 2.10

CONSTRUCTION NOTES

METER ROOM

REV.2016.03.08 File Numbe 212043 METER ROOM.DWG

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