CONSTRUCTION NOTES:	
COMPLIANCE PACKAGE A1 - OBC 2012 - 2022 ENACTMENT (UNLESS OTHERWISE NOTED)	O.B.C. 9.23. -SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISH GRADE (O.B.C. 9.28.1.4. & 9.27.)
-ALL CONSTRUCTION TO CONFORM TO THE ONTARIO BUILDING CODE (O.B.C.) AND ALL OTHER CODES AND LOCAL AUTHORITIES HAVING JURISDICTION. -ALL DIMENSIONS GIVEN FIRST IN IMPERIAL FOLLOWED BY METRIC.	 -1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. 9.27.3.4.) -BRACE W/ CONT. 16 GAUGE STEEL T' BRACES FROM TOP PLATE TO BTM. PL FOR THE FULL LENGTH OF WALL, OR CONT. 2" X 4" (38mmX 89mm) SOLID WG
-THERMAL RESISTANCE VALUES BASED ON ZONE 1 FOOTINGS / SLABS:	BLOCKING @ APPROXIMATELY 45 DEG, FROM TOP PLATE TO BTM. PLATE FOI FULL LENGTH OF WALL. -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) (
TYPICAL STRIP FOOTING: O.B.C. 9.15.3. -BASED ON 16'-1"(4.9m) MAX. SUPPORTED JOIST LENGTH -MIN. 2200psi (15MPa) CONCRETE AFTER 28 DAYS	ON BOTTOM FLR. WHEN 3 STOREYS. -R14 (RSI 2.46) INSULATION -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C 9.25.3. 9.25.4.
-SHALL REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL W/ MIN. 21.8psi (150kPa) BEARING CAPACITY -FTG. TO HAVE CONTINUOUS KEY	 7.23.4. -1/2" (12.7mm) GYPSUM BOARD. NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE
-FTG. SIZES MAY BE REDUCED FOR SOILS W/ GREATER BEARING CAPACITY (AS PER SOILS ENGINEERING REPORT) -REFER TO WORKING DRAWINGS FOR SPECIFIC SIZES THAT MAY SUPERSEDE	REQUIRED TO BE SPACED @ 12" (300mm) O.C. -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
NOTES #1 & #2 FOR FOOTING SIZES I) <u>TYPICAL STRIP FOOTING: (EXTERIOR WALLS)</u> O.B.C. 9.15.3.5.	REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): O.B.C. SB-3 WALL = EW2c (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD TI
-FTG. TO EXTEND MIN, 4'-0" (1200mm) BELOW GRADE PLEASE REFER TO FOOTING SCHEDULE IN BLOCK DRAWINGS	FOLLOWING MATERIALS: -ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C 9.23.16. BETWEEN RIGID INSULATION AND WOOD STUD. -BATT INSULATION REQUIRES A MASS OF AT LEAST 1.0 kg/ sq.m. -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 5/8" (15.9mm) TYPE 'X' GYPSUM BD
2 <u>TYPICAL STRIP FOOTING: (INTERIOR BEARING WALLS)</u>	<u>REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE):</u> -REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING:
O.B.C. 9.15.3.6. PLEASE REFER TO FOOTING SCHEDULE IN BLOCK DRAWINGS	-NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS). OR
	-VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER SHEATHING PAP OVER 1/2" (12.7mm) GYPSUM EXTERIOR SHEATHING ON EXTERIOR SIDE OF R INSULATION
3 <u>STEP FOOTING:</u> O.B.C. 9.15.3.9.	 FRAME WALL CONSTRUCTION @ GARAGE: O.B.C. 9.23. SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.)
-23 5/8" (600mm) MAX. VERTICAL RISE & 23 5/8" (600mm) MIN. HORIZONTAL RUN.	-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. -1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16.
O.B.C. 9.14.3. & 9.16.3. -4" (100mm) MIN. DIA. LAID ON UNDISTURBED OR WELL COMPACTED SOIL W/ TOP OF TILE OR PIPE TO BE BELOW BOTTOM OF FLR. SLAB. -COVER TOP & SIDES OF TILE OR PIPE W/ 5 7/8" (150mm) OF CRUSHED	-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. -1/2" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1, = -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE
STONE OR OTHER COURSE CLEAN GRANULAR MATERIAL. -TILE SHALL DRAIN TO A SEWER, DRAINAGE DITCH, OR DRY WELL. 5 BASEMENT SLAB:	REQUIRED TO BE SPACED @ 12" (300mm) O.C. -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
O.B.C. 9.13. & 9.16. -3" (75mm) CONCRETE SLAB -2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5.	REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): O.B.C. SB-3 WALL = EW2c (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD
-DAMPPROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS. -DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS	THE FOLLOWING MATERIALS: -ADD GLASS FIBRE BATT TO FILL CAVITY WITH A MASS OF AT LEAST 1.0 kg/ sq.m. -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 5/8" (15.9mm) TYPE 'X' GYPSUM BD
-4" (100mm) OF COURSE GRANULAR MATERIAL -4" (NOMM) OF COURSE GRANULAR MATERIAL -PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG. -WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO	<u>REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE):</u> -REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND
O.B.C. 9.13.3. -FLOOR DRAIN PER O.B.C.9.31.4.4. -R10 (RSI 1.76) INSULATION AT PERIMETER OF SLAB WHERE GRADE IS WITHIN	ADD/REPLACE THE FOLLOWING: -NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS). OR
23-1/2" (600mm) OF BASEMENT SLAB EDGE. INSULATION TO EXTEND TO NOT LESS THAN 23-1/2" (600mm) BELOW EXTERIOR GRADE LEVEL (OBC SB-12 - 3.1.1.7 (5)) - UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE	-VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER SHEATHING PAPER OVER 1/2" (12.7mm) GYPSUM EXTERIOR SHEATHING WHICH REPLACI EXTERIOR PLYWOOD OR EQUIV.
A PROBLEM, SOIL GAS CONTROL SHALL CONFORM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9)	(16) BRICK VENEER CONSTRUCTION: O.B.C. 9.23. -3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX.
 (50) STAB ON GROUND: -3" (75mm) CONCRETE SLAB - O.B.C. 9.16.4.3. -2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5. -DAMPPROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR 	HEIGHT -MIN, 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX, 16" (406mm) O.C. HORIZONTAL & 24" (610mm) O.C. VERTICAL SPACING
-DAMPROOF BELOW SLAB W/ MIN, 0.008 (0.131111) FOLTEINTENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS. -DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS	-PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER OPENINGS -BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING
-R10 (RSI 1.76) INSULATION UNDER ENTIRE SLAB WHERE THE ENTIRE SLAB IS WITHIN 23-1/2" (600mm) OF GRADE. (OBC SB-12 3.1.1.7.(6)) -4" (100mm) OF COURSE GRANULAR MATERIAL	MEMBRANE (O.B.C. 9.20.13.6.(2)) -BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER -1" (25mm) AIR SPACE -WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2.
-PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG. -WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO O.B.C. 9.13.3. -FLOOR DRAIN PER O.B.C.9.31.4.4.	- 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16 -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C.
- UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL GAS CONTROL SHALL CONFORM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9)	-MIN, R22 (RSI 3.87) INSULATION (ZONE 1. OBC SB-12 T.3.1.1.2.A.) -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C 9.25.3 & 9.25.4. -1/2" (12.7mm) GYPSUM BOARD
6 GARAGE SLAB / EXTERIOR SLAB: -4"(100mm) CONCRETE SLAB -450psi (32MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS FOR INFORMED CONCOMPRESSIVE STRENGTH AFTER 28 DAYS FOR	NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
UNREINFORCED CONC. & W/ 5-8% AIR ENTRAINMENT - O.B.C. 9.3.1.6. -6" X 6" (W2.9 X W 2.9) WIRE MESH LOCATED NEAR MID-DEPTH OF SLAB -4" (100mm) OF COURSE GRANULAR MATERIAL -ANY FILL PLACED UNDER SLAB, OTHER THAN COURSE CLEAN GRANULAR	REQ. FOR FIRE RATING (LESS THAN 4-0" LIMITING DISTANCE): O.B.C. SB-3 WALL = EW2b (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD
MATERIAL, SHALL BE COMPACTED. 7 <u>PILASTERS:</u> 0.B.C. 9.15.5.3.	THE FOLLOWING MATERIALS: -BATT INSULATION REQUIRES A MASS OF AT LEAST 1.0 kg/ sq.m. -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD
PILASTER -CONCRETE NIB - 4" X 12" (100mm X 300mm) -BLOCK NIB - 4" X 12" (100mm X 300mm) BONDED & TIED TO WALL AS	ALTERNATE BRICK VENEER CONSTRUCTION: O.B.C. 9.23. -3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX.
PER O.B.C. 9.20.11.2. TOP 7 7/8" (200mm) SOLID. OR <u>BEAM POCKET</u> -4" (100mm) INTO FDN. WALL W/ WIDTH TO MATCH BEAM SIZE.	HEIGHT -MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRA @ MAX. 16" (406mm) O.C. HORIZONTAL & 24" (610mm) O.C. VERTICAL SPACING
-1/2" (13mm) SPACE AROUND WOOD BEAMS (O.B.C. 9.23.2.2.) <u>STRUCTURAL COLUMNS</u> -SIZES BASED ON COLUMN SUPPORTING BEAMS CARRYING LOADS FROM	-PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER OPENINGS -BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRAN
NOT MORE THAN 2 WOOD FRAME FLOORS, WHERE THE LENGTHS OF JOISTS CARRIED BY SUCH BEAMS DO NOT EXCEED 16'-1" (4.9m) AND THE LIVE LOAD ON ANY FLOOR DOES NOT EXCEED 50psf (2.4kPa).	(O.B.C. 9.20.13.6.(2)) -BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER -1" (25mm) AIR SPACE
8 STEEL PIPE COLUMN: O.B.C. 9.15.3.4. & 9.17.3. -FIXED COLUMN	-1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. 9.27.3.4.) -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. ON BOTTOM FLR. WHEN 3 STOREYS
-MIN. 3 1/2" (90mm) DIA. W/ 3/16" (4.76mm) WALL THICKNESS -FOR STEEL BEAMS, CLIPS @ TOP & MIN. 6" X 4" X 1/4" (152mmX 100mmx 6.35mm) STEEL BTM. PLATE -FOR WOOD BEAMS, MIN. 4"X4"X1/4" (100mmX 100mm X 6.35mm) STEEL TOP	-BRACE W/ CONT. 16 GAUGE STEEL 'T BRACES FROM TOP PLATE TO BTM. PLATE FOR THE FULL LENGTH OF WALL, OR -CONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY
& BTM. PLATES, OR TOP PLATE TO EXTEND MIN, WIDTH OF BEAM -ADJUSTABLE COLUMNS TO CONFORM TO CAN//CGSB-7.2-M WHERE IMPOSED LOAD DOES NOT EXCEED 36 KN (O.B.C. 9.17.3.4.)	45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL -R14 (RSI 2:46) INSULATION -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C 9.25.3. 9.25.4.
COL. SPACING: FTG SIZE: 2 STOREY -MAX. 9'-10" (2997mm) - 34" X 34" X 16" - (860mmX 860mmX 400mm)	-1/2" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
-MAX. 16'-0" (4880mm) - 44" X 44" X 21" - (1120mmX 1120mmX 530mm) 3 STOREY	-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C. REQ. FOR FIRE RATING (LESS THAN 4-0" LIMITING DISTANCE):
-MAX. 9'-10" (2997mm) - 40" X 40" X 19" - (1010mmX 1010mmX 480mm) -MAX. 16'-0" (4880mm) - 51" X 51" X 24" - (1295mmX 295mmX 610mm)	O.B.C. SB-3 WALL = EW2C (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD
-WHERE COL. SITS ON FON. WALL, USE 4" X 8" X 5/8" (100mmX 200mmX 16mm) STEEL PLATE WITH 2-5/8" (16mm) ANCHOR BOLTS	THE FOLLOWING MATERIALS: -ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C 9,23.16. BETWEEN RIGID INSULATION AND WOOD STUD. -BATT INSULATION REQUIRES A MASS OF AT LEAST 1.0 kg/ sq.m.
 9 WOOD COLUMN: OBC 9.17.4.1, 9.17.4.2, & 9.17.4.3. -5 ½" x 5 ½" (140mm x 140mm) SOLID WOOD COLUMN - OR -3-2"x6" (38mm x 140mm) BUILT UP COLUMN NAILED TOGETHER W/ 3" (76mm) 	-REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 5/8" (15.9mm) TYPE 'X' GYPSUM BD
NAILS \$PACED NOT MORE THAN 12" (300mm) APART OR BOLTED TOGETHER W/ 3/8" (9.52mm) DIA BOLTS \$PACED AT 18" (450mm) O.C. -WRAP COLUMN BASE W/ 6 MIL POLY	O.B.C. 9.23. -3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX. HEIGHT
-COLUMN TO SIT DIRECTLY ON CONC PAD (NOT ON CONC SLAB) -25"x25"x12" (640mm x 640mm x 300mm) CONC PAD (1 FLOOR SUPPORTED W/ 9'-10" COL SPACING) -34"x34"x14" (860mm x 860mm x 360mm) CONC PAD (2 FLOORS SUPPORTED W/	-MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 16" (406mm) O.C. HORIZONTAL & 24" (610mm) O.C. VERTICAL SPACING -PROVIDE WEEP HOLES @ 2-7" (800mm)O.C. @ BTM. COURSE & OVER
9'-10" COL SPACING) (10) BLOCK PARTY WALL BEAM END BEARING: (WOOD BEAM / GIRDER TRUSSES)	OPENINGS -BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2))
-2"X8"X12" LEDGER BOARD FASTENED W/ 2/ 1/2" ANCHOR BOLTS @ 4" O.C. -WHERE WOOD BEAMS BEAR ON FIREWALLS USE GENERAL NOTE 11 WHERE REQUIRED TO OBTAIN 5" SEPARATION DISTANCE BETWEEN ADJACENT BEAMS	-BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER -1" (25mm) AIR SPACE -WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. -1/4" (4mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.
11) BLOCK PARTY WALL BEAM END BEARING: (STEEL BEAM) -12"X11"X 5/8" STL. PLATE ON TOP OF SOLID CONCRETE BLOCK WITH	9.23.16 -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. -1/2" (12.7mm) GYPSUM BOARD
2- 1/2"Ø x8" ANCHOR BOLTS. - USE TO OBTAIN 5" SEPARATION DISTANCE BETWEEN ADJACENT BEAMS WALL ASSEMBLIES:	NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C. -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE
FOUNDATION WALL: O.B.C. 9.15.4.2. -FOR WALLS NOT EXCEEDING 8'-2" (2500mm) IN LATERALLY SUPPORTED HEIGHT.	REQUIRED TO BE SPACED @ 12" (300mm) O.C. <u>REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):</u> O.B.C. SB-3 WALL = EW2b (STC = N/A, FIRE = 45 MIN)
-8" (200mm) SOLID 2200psi (15MPc) CONCRETE -MAX. UNSUPPORTED HEIGHT OF 3'-11" (1200mm) & MAX. SUPPORTED HEIGHT OF 7'-0" (2150mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR. -FOR WALLS NOT EXCEEDING 9'-0" (2750mm) IN LATERALLY SUPPORTED HEIGHT.	FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS: -ADD GLASS FIBRE BATT TO FILL CAVITY WITH A MASS OF AT LEAST
-10" (250mm) SOLID 2200psi (15MPa) CONCRETE -MAX. UNSUPPORTED HEIGHT OF 4-7" (1400mm) & MAX. SUPPORTED HEIGHT OF 8'-6" (2600mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR.	1.0 kg/ sq.m. -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD (17) INTERIOR STUD WALLS:
-LATERAL SUPPORT PROVIDED BY ANCHORED SILL PLATE TO JOISTS. -FOR CONDITIONS EXCEEDING THESE MAXIMUMS AN ALTERNATIVE IN CONFORMANCE TO O.B.CT.9.15.4.2.A SHALL BE USED OR IT SHALL BE DESIGNED UNDER O.B.C. ADD 14	 O.B.C. 1.9.23.10.1. -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. OR -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W/ -DOUBLE 2" X 4" OR 2" X 6" TOP PLATES AND SINGLE BOTTOM PLATE
UNDER O.B.C PART 4 -WALL SHALL EXTEND A MIN. 5 7/8" (150mm) ABOVE GRADE -INSULATE W/ R20 (RSI 3.52) CONTINUOUS INSULATION FROM UNDERSIDE OF SUBFLOOR TO NOT MORE THAN 8" (200mm) ABOVE FINISHED FLOOR OF	-1/2'' (12.7mm) GYPSUM BOARD BOTH SIDES. 18 BEARING STUD WALL (BASEMENT):
BASEMENT (ZONE 1 OBC SB-12 T.3.1.1.2.A.) - ALTERNATE INSULATION METHOD: 2" (51mm) R10 (RSI 1.76)RIGID INSULATION W/ 2"X4"(38mm X 89mm) WOOD STUD W/ R12 (RSI 2.11) BATT INSULATION PACE FUL W/ IOON EPOST SUCCEPTINE SOUL	 -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. OR -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W/ - DBL. 2" X 4" OR 2" X 6" TOP PLATE. - 2" X 4" OR 2" X 6" BOTTOM PLATE ON DAMPPROOFING MATERIAL.
-BACK FILL W/ NON-FROST SUSCEPTIBLE SOIL <u>REDUCTION OF THICKNESS:</u> O.B.C. 9.15.4.7. -WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO	-1/2" (12.7mm) GYPSUM BOARD BOTH SIDES. -1/2" (12.7mm) DIA. ANCHOR BOLIS @ 7'-10" (2400mm) O.C. -FOOTING AS PER GENERAL NOTE #2 W/ 4" CONC. CURB
ALLOW MASONRY FACING, THE MIN, REDUCED THICKNESS SHALL NOT BE LESS THAN 3-1/2" (90mm) THICK. -TIE TO FACING MATERIAL WITH METAL TIES SPACED MAX. @ 7 7/8" (200mm)	O.B.C. SB-3 WALL = B6e (STC = 57, FIRE = 2 HR) -MIN. HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE U/S OF ROOF DECK
VERTICALLY O.C. & 2'-11" (900mm) HORIZONTALLY. -FILL SPACE BETWEEN WALL AND FACING SOLID W/ MORTAR -WHERE WALL IS REDUCED FOR JOISTS, THE REDUCED THICKNESS SHALL BE MAX. 13-3/4" (350mm) HIGH & MIN. 3-1/2" (90mm) THICK	-FLANKING FLOOR ASSEMBLIES TO COMPLY WITH OBC 9.11.1.4.(4) -SPACE BETWEEN TOP OF WALL & ROOF DECK SHALL BE TIGHTLY FILLED W/ MINERAL WOOL OR NONCOMBUSTIBLE MATERIAL & CAULKED TO PREVENT
DAMPPROOFING & WATERPROOFING: -DAMPPROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C. 9.13.2.	SMOKE PASSAGE -1/2" (12.7mm) GYPSUM BOARD W/ TAPED JOINTS BOTH SIDES -2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. BOTH SIDES
-WHERE INSULATION EXTENDS TO MORE THAN 2'-11" (900mm) BELOW GRADE, A FDN. WALL DRAINAGE LAYER SHALL BE PROVIDED IN CONFORMANCE TO O.B.C. 9.14.2.1.(2) (3) (4)	SIDES -ABSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE CAVITY. -7 1/2" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE)
-FINISHED BASEMENTS SHALL HAVE INTERIOR DAMPPROOFING EXTENDING FROM SLAB TO GRADE LEVEL & SHALL CONFORM TO O.B.C. 9.13.2.5.(2)(b) -WHERE HYDROSTATIC PRESSURE OCCURS, FDN. WALLS SHALL BE WATERPROOFED AS PER O.B.C. 9.13.3.	-STAGGER JOISTS & BEAMS MIN. 3 1/2" (90mm) @ PARTY WALLS AS PER O.B.C. 9.10.9.9.(1) & TABLE 2.1.1. SB-2 -ACOUSTICAL SEALANT AS PER O.B.C. SB-3 NOTE (4) TO TABLE 1
-WALLS THAT ARE WATERPROOFED DO NOT REQUIRE DAMPPROOFING.	(190) PARTY WALL - BLOCK (AGAINST GARAGE): O.B.C. SB-3 WALL = B5c (STC = 51, FIRE = 2 HR) -MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS
-2-20M BARS IN TOP PORTION OF WALL (UP TO 8'-0" 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 15'-0" OPENING) -BABS STACKED VEDICALLY AT INTERIOR FACE APPROX "TO 6" APAPT	-1/2" (12.7mm) GYPSUM BOARD -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C 9.25.3. & 9.25.4. -2" X 6" (38mmX 140mm) WOOD STRAPPING @ 16" (400mm) O.C.
-BARS STACKED VERTICALLY AT INTERIOR FACE APPROX 4" TO 6" APART. -BARS TO HAVE MIN. 2" (50mm) CONCRETE COVER -BARS TO EXTEND 2-0" (600mm) BEYOND BOTH SIDES OF OPENING.	-R22 (RSI 3.87) RIGID INSULATION -7 1/2" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE) -1/2" (12.7mm) GYPSUM BOARD @ WALL & U/S OF CEILING BETWEEN
FRAME WALL CONSTRUCTION: O.B.C. 9.23SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28, 1.4, 8, 9.27.)	HOUSE AND GARAGE -TAPE AND SEAL ALL JOINTS GAS TIGHT (19b) FIREWALL:
GRADE (O.B.C. 9.28.1.4, & 9.27.) -WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. -1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16. -2" X 6" (38mm X 140mm) WOOD STUDS @ 16" (400mm) O.C.	O.B.C. 9.10.11. & 3.1.10. & SB-3 WALL = B& (STC = 57, FIRE = 2 HR) - ONE FIREWALL IS REQUIRED FOR EVERY 6460 S.F. (600 SQ.M) OF BUILDING AREA, O.B.C. T.3.2.2.47. -FILANKING FLOOR ASSEMBLIES TO COMPLY WITH OBC 9.11.1.4.(4)
-MIN. R22 (RSI 3.87) INSULATION (ZONE 1. OBC SB-12 T.3.1.1.2.A.) -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4 -1/2" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. =	-1/2" (12.7mm) GYPSUM BOARD W/ TAPED JOINTS -2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. ON BOTH S OF WALL
 NOTE - SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C. <u>REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):</u> 	-EVERY FIREWALL SHALL BE CONTINUOUS THROUGH ALL BUILDING STOREYS -STAGGER JOISTS & BEAMS MIN. 5" (130mm) @ FIRE WALLS AS PER
O.B.C. SB-3 WALL = EW2C (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE THE FOLLOWING	O.B.C. 9.10.9.9.(1) & TABLE 2.1.1 SB-2 -ACOUSTICAL SEALANT AS PER O.B.C. SB-3 NOTE (4) TO TABLE 1

FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE THE FOLLOWING -BATT INSULATION REQUIRES A MASS OF AT LEAST 1.0 kg/ sq.i -REPLACE 1/2" (12.7mm) INTERIOR GYPSUM BOARD WITH 5/8" (15.9mm) TYPE 'X' GYPSUM BOARD. REQ. FOR FIRE RATING (LESS THAN 2-0" LIMITING DISTANCE): -REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING: -NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO ANUFACTURER'S SPECIFICATIONS VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER 1/2" (12.7mm) GYPSUM EXTERIOR SHEATHING WHICH REPLACES EXTERIOR PLYWOOD OR EQUIV.

21 PARTY WALL - WOOD STUD: O.B.C. SB-3 WALL = W13g (STC = 57, FIRE = 1 HR) ERNATE FRAME WALL CONSTRUCTION: -MIN, IHR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE U/S OF ROOF DECK G OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED NG OK SIDCOMS FER ELEVATIONS, MIN. 7 778 (2001)1111 FROM FINI DE (O.B.C. 9.28.1.4. & 9.27.) /2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. FLANKING FLOOR ASSEMBLIES TO COMPLY WITH OBC 9.11.1.4.(4) -Z ROWS 2"X4"(38mmX 89mm) STUDS @ 16"(400mm) O.C. W/ SEPARATE 2" X 4" (38mmX 89mm) BOTTOM PLATE & SEPARATE DOUBLE 2" X 4" ACE W/ CONT. 16 GAUGE STEEL 'T' BRACES FROM TOP PLATE TO BTM. PLATE R THE FULL LENGTH OF WALL, OR CONT. 2" X 4" (38mmX 89mm) SOLID WOOD DCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR 8mmX 89mm) TOP PLATES SOUND ABSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE CAVITY. -5/8" (16mm) TYPE 'X' GYPSUM BOARD BOTH SIDES W/ JOINTS TAPED & . LENGTH OF WALL. (4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. OTTOM FLR. WHEN 3 STOREYS. 4 (RSI 2.46) INSULATION DNTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & -ACOUSTICAL SEALANT AS PER O.B.C. SB-3 NOTE (4) TO TABLE 1 NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C. (12.7mm) GYPSUM BOARD. NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE VICE - SOFTONT DAY - STEDONS ADDUCE - OLD.C. 17, 23, 10, 1, -X 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE UIRED TO BE SPACED @ 12" (300mm) O.C. R 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (3.00mm) O.C. - IF 2"x6" STUDS ARE USED AT STAIR OPENING CONTINUE TO USE ON REMAINING FLOORS AT THE STAIR OPENING AT 16" O.C. QUIRED TO BE SPACED @ 12" (300mm) O.C REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): GARAGE WALL & CEILING: O.B.C. SB-3 WALL = EW2c (STC = N/A, FIRE = 45 MIN) R 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE O.B.C. 9.10.9.16.(3) 1/2" (12.7mm) GYPSUM BOARD ON BOTH SIDES OF WALL & U/S OF OWING MATERIALS: ATT INSULATION REQUIRES A MASS OF AT LEAST 1.0 kg/ sq.m. EPLACE 1/2"(12.7mm) GYPSUM BD. W/ 5/8" (15.9mm) TYPE 'X' GYPSUM BD. -R31 (RSI 5.41) INSULATION IN CEILINGS W/ FLOOR ABOVE -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4.. FOR FLOOR ABOVE. -INSULATION AROUND DUCTS AND PIPING NOT TO ENCROACH MIN. REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE): REQUIRED GARAGE AREA (REFER TO MUNICIPAL STANDARDS). FER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND VREPLACE THE FOLLOWING: N-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO 1/2" (12.7mm) GYPSUM BOARD ROOF FRAMING MEMBERS ARE FASTENED TO TOP PLATES WITH 4 - 3 1/4" (82mm) TOE NAILS -BOTTOM PLATES ARE FASTENED TO FLOOR JOISTS, BLOCKING OR NUFACTURER'S SPECIFICATIONS). A JOIST WITH 3 1/4" (82mm) NAILS AT 7 7/8" (200mm) O.C. NTL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER SHEATHING PAPER VER 1/2" (12.7mm) GYPSUM EXTERIOR SHEATHING ON EXTERIOR SIDE OF RIGID WALLS ADJACENT TO ATTIC SPACE: UOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.-AME WALL CONSTRUCTION @ GARAGE: 9.25.3. & 9.25.4. -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. DING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM IISHED GRADE (O.B.C. 9.28.1.4. & 9.27.) ALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. -R22 (RSI 3.87) INSULATION -1/2" (12.7mm) GYPSUM BOARD OR 1/4" (6mm) PLYWOOD SHEATHING ON ATTIC SIDE. (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C TTIC ACCESS TO BE PROVIDED AS PER O.B.C. 9.19.2.1. DOUBLE VOLUME WALLS: 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. O.B.C. 9.23.10.1. -3/8" (9.5mm) PLYWOOD, OSB OR WATERBOARD SHEATHING -REFER TO PLAN FOR STUD SPECIFICATION -STUDS FASTENED AT TOP & BOTTOM WITH 3/ 3-1/4" (82mm) TOE NAILS " (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE QUIRED TO BE SPACED @ 12" (300mm) O.C. DR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE QUIRED TO BE SPACED @ 12" (300mm) O.C. DOUBLE TOP PLATES FASTENED TOGETHER WITH 3" (76mm) AT 7 7/8" (200mm) O.C. -SOLID BRIDGING AT 3'-11" (1200mm) O.C. REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): MIN. R22 (RSI 3.87) INSULATION (ZONE 1 OBC SB-12 T.3.1.1.2.A.) O.B.C. SB-3 WALL = EW2c (STC = N/A, FIRE = 45 MIN) R 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD JOUS AIR/VAPOUR BARRIER IN CONFORMANCE WITH O.B.C. 9.25.3. & 9.25.9. FOLLOWING MATERIALS: D GLASS FIBRE BATT TO FILL CAVITY WITH A MASS OF AT LEAST EXPOSED FLOOR: FLOOR AS PER NOTE # 28 NUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4. CF 1/2"(12.7mm) GYPSUM BD, W/ 5/8" (15.9mm) TYPE 'X' GYPSUM BD R31 (RSI 5.46) INSULATION REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE): VENTED ALUMINUM SOFFIT FER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND SUNKEN FINISHED AREAS: D/REPLACE THE FOLLOWING: USE SOLID BUILT-UP WOOD BEARING POST TO SUPPORT SUNKEN AREA AT FOUNDATION WALLS. EXTEND FOOTINGS TO SUPPORT POSTS. WHERE GRADING CONDITIONS WILL ALLOW, CHECK FOUNDATION COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO NUFACTURER'S SPECIFICATIONS). NYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER SHEATHING WALLS INSTEAD OF USING BEARING POSTS. LOOR STRUCTURE AS PER NOTE # 28. PER OVER 1/2" (12 7mm) GYPSUM EXTERIOR SHEATHING WHICH REPLACES DOUBLE MASONRY WYTHE WALL: TERIOR PLYWOOD OR EQUIV O.B.C. 9.20.8.2. 3 1/2" MASONRY VENEER ON 2" MORTAR JOINT ON 3 1/2" MASONRY VENEER ICK VENEER CONSTRUCTION: WYTHES TO BE TIED W/ METAL TIES INSTALLED AS PER O.B.C. 9.20.9.4. 1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX. -6" SILL PLATE REQUIRED FOR ROOF AND CEILING FRAMING MEMBERS -6" SILL W/ 2" BEARING ON EACH SIDE & ANCHOR BOLTS @ 4-0" O.C. NOTE: MASONRY TO BE SOLID & MORTAR JOINT FILLED SOLID FOR FLOOR 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT PS @ MAX. 16" (406mm) O.C. HORIZONTAL & 24" (610mm) O.C. JOISTS BEARING ON WYTHES. FLOOR JOISTS ARE NOT TO PROJECT INTO CAVITY TICAL SPACING ROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER CORBEL MASONRY VENEER: SE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING -MASONRY VENEER TO BE CORBELLED AS PER O.B.C. 9.20.12.3.(1) EMBRANE (O.B.C. 9.20.13.6.(2)) RICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER FLOOR ASSEMBLIES: 26 SILL PLATE: (25mm) AIR SPACE L SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. O.B.C. 9.23.7. -2" X 4" (38mm X 89mm) PLATE -1/2" (12.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.C. FASTENED TO PLATE W/ NUTS AND WASHERS & SHALL BE EMBEDDED NOT LESS THAN 4" nm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. .16 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. I. R22 (RSI 3.87) INSULATION (ZONE 1. OBC SB-12 T.3.1.1.2.A.) INTO FOUNDATION WALL. SILL PLATE TO BE CAULKED, OR PLACED ON A LAYER NOT LESS THAN NTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3.) THICK BEFORE COMPRESSING, OR FOAM GASKET, OR PLACED 2.7mm) GYPSUM BOARD N FULL BED OF MORTAR. NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = BRIDGING & STRAPPING: 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE O.B.C. 9.23.9.4. UIRED TO BE SPACED @ 12" (300mm) O.C) STRAPPING REQ. FOR FIRE RATING (LESS THAN 4'-O" LIMITING DISTANCE): 1" X 3" (19mmX 64mm) NAILED TO U/S OF JOISTS @ MAX. 6'-11" (2100mm) O.C O.B.C. SB-3 WALL = EW2b (STC = N/A, FIRE = 45 MIN) R 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD ASTENED TO SILL OR HEADER @ ENDS b) BRIDGING -1" X 3" (19mmX 64mm) OR 2" X 2" (38mmX 38mm) CROSS BRIDGING @ MAX. LOWING MATERIALS: : FOLLOWING MATERIALS: TI INSULATION REQUIRES A MASS OF AT LEAST 1.0 kg/ sq.m. PLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE X' GYPSUM BD. 6'-11" (2100mm) O.C. c) BRIDGING & STRAPPING a) & b) USED TOGETHER OR TERNATE BRICK VENEER CONSTRUCTION: - 11/2" (38mm) SOLID BLOCKING @ MAX. 6'-11" (2100mm) O.C. USED WITH STRAPPING (a) d) FURRING OR PANEL TYPE CEILING /2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX. PPING NOT REQUIRED IF FURRING STRIPS OR PANEL TYPE CEILING FINISH 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS S ATTACHED DIRECTLY TO JOISTS 1AX. 16" (406mm) O.C. HORIZONTAL & 24" (610mm) O.C. VERTICAL FLOOR ASSEMBLY: O.B.C. 9.23,14.3, 9.23,14.4 -5/8" (15.9mm) WAFERBOARD (R-1 GRADE) OR EQUIVALENT -FLOOR JOISTS AS PER FLOOR PLANS OVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER 29 PORCH SLAB: ASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE 9.B.C. 9.20.13.6.(2)) RICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER O.B.C. 9.39.1.4. -4 7/8" (125mm) 4650 psi (32 MPa) CONC. SLAB WITH 5 TO 8% AIR ENTRAINMENT 25mm) AIR SPAC -REINFORCE WITH 10M BARS @ 7 7/8" (200mm) EACH WAY " (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. 1 1/4" (30mm) CLEAR COVER FROM THE BOTTOM OF THE SLAB " (75mm) END BEARLOG ON FOUNDATION WALL 23 5/8" (600mm) X 23 5/8" (600mm) 10M DOWELS @ 23 5/8" (600mm) O.C X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) ON BOTTOM FLR. WHEN 3 STOREYS C. ON BOTTOM FLR. WHEN 3 STOREYS RACE W/ CONT. 16 GAUGE STEEL 'T BRACES FROM TOP PLATE TO BTM. ATE FOR THE FULL LENGTH OF WALL, OR ONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL F A COLD CELLAR IS LOCATED BELOW THE SLAB, SUPPORT ON FOUNDATIC WALLS NOT TO EXCEED 8'-2" EXTERIOR BALCONY ASSEMBLY: -1 1/4" X 3 1/2" PRESSURE TREATED DECKING W/ 1/4" SPACING -2"X4" OR 2"X6" PURLINS (CUT DIAGONALLY) @ 12" O.C. LAYING UNFASTENED (RSI 2.46) INSULATION INUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 2 PLY MODIFIED BITUMINOUS MEMBRANE ON 1/8" ROOF BOARD (2 LAYERS ASPHALT-SATURATED GLASS MAT WITH MINERAL-FORTIFIED ASPHALTIC CORE) 2" (12.7mm) GYPSUM BOARD IOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = FR MANUE SPECS, ON 5/8" (15.9mm) EXTERIOR GRADE PLYWOOD SHE ED TO BE SPACED @ 12" (300mm ROOF JOISTS @ 12" O.C. (OR AS NOTED ON PLAN) MIN 2% TO ROOF SCUPPER LOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE EXTERIOR GUARD AS PER #36a UIRED TO BE SPACED @ 12" (300mm) O.C. REQUIRED FOR OVER HEATED SPACES: ADD 2"x2" (38mm x 38mm) CROSS PURLINS @ 16" (400mm) O.C. FOR REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): ENTILATION OVER JOISTS (OBC 9.19.1.2. VENTING NOT LESS THAN 1/150 OF O.B.C. SB-3 WALL = EW2c (STC = N/A, FIRE = 45 MIN) IUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD ADD R31 (RSI 5.46) INSULATION BETWEEN JOISTS OLLOWING MATERIALS: 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. ONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3 .16. BETWEEN RIGID INSULATION AND WOOD STUD D 1/2" (12 7mm) GYPSUM BOARD W/ PAINTED CEILING OR JLATION REQUIRES A MASS OF AT LEAST 1.0 kg/ sg.m ADD 5/8" (15.9mm) GYPSUM BOARD W/ TAINED CEILING (O.B.C.-T.9.29.5.3.) PLACE 1/2"(12.7mm) GYPSUM BD. W/ 5/8" (15.9mm) TYPE 'X' GYPSUM BD. SEXTERIOR FLAT ROOF ASSEMBLY: 2 PLY MODIFIED BITUMINOUS MEMBRANE ON 1/8" ROOF BOARD (2 LAYERS ASPHALT-SATURATED GLASS MAT WITH MINERAL-FORTIFIED ASPHALTIC CORE) MEMBRANE ON 1/8" ROOF BOARD (2 LAYERS CK VENEER CONSTRUCTION @ GARAGE: O.B.C. 9.23. 2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX. PER MANUF SPECS. 3/8" EXTERIOR GRADE PLYWOOD SHEATHING ON ON 2"X4" OR 2"X6" PURLINS (CUT TAPERED) @ 12" O.C. DIRECTLY ON 2"X8" ROOF JOISTS @ 12" O.C. (OR AS NOTED ON PLAN) SLOPED MIN 2% TO ROOF SCUPPER 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT PS @ MAX. 16" (406mm) O.C. HORIZONTAL & 24" (610mm) O.C. REQUIRED FOR OVER HEATED SPACES: RTICAL SPACING OVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER ADD 2"x2" (38mm x 38mm) CROSS PURLINS @ 16" (400mm) O.C. FOR ENTILATION OVER JOISTS (OBC 9.19.1.2. VENTING NOT LESS THAN 1/150 OF SE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING FILING AREA) DD R31 (RSI 5.46) INSULATION BETWEEN JOISTS EMBRANE (O.B.C. 9.20.13.6.(2)) RICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. (25mm) AIR SPACE ALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. & 9.25.4. ADD 1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR ADD 5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C. T.9.29.5.3.) (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C ROOF ASSEMBLIES 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. (31) TYPICAL ROOF: (12.7mm) GYPSUM BOARD DTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = O.B.C. 9.26 NO 210 (30 5KG/m2) ASPHALT SHINGLES FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE FOR ROOF SLOPES EQUAL TO AND GREATER THAN 4:12 AND LESS THAN 8:12 PITCH PROVIDE EAVES PROTECTION TO EXTEND UP THE ROOF SLOPE MIN. 2-11" (900mm) FROM EDGE TO A LINE NOT LESS THAN 12" (300mm) PAST THE INSIDE ED TO BE SPACED @ 12" (300mm) O.C. FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE UIRED TO BE SPACED @ 12" (300mm) O.C FACE OF EXTERIOR WALL. REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): AVES PROTECTION LAID BENEATH STARTER STRIP EAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES. STARTER STRIP AS PER O.B.C. 9.26.7.2. STARTER STRIP NOT REQUIRED AS PER O.B.C. 9.26.7.2. [3] O.B.C. SB-3 WALL = EW2b (STC = N/A, FIRE = 45 MIN) 2 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD D GLASS FIBRE BATT TO FILL CAVITY WITH A MASS OF AT LEAST 3/8" (10mm) PLYWOOD SHEATHING OR OSB (0-2 GRADE) WITH "H" CLIPS PPROVED WOOD TRUSSES @ 24" (600mm) O.C. (REFER TO MANUFACTURER'S kg/ sq.m. LACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD. RUSS BRACING AS PER TRUSS MANUFACTURER ERIOR STUD WALLS: EAVESTROUGH ON PREFINISHED FASCIA AND VENTED SOFFIT (VINYL OR D.B.C. T.9.23.10. " (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. OR ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH, 50% AT SOFFIT. (6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W/ DUBLE 2" X 4" OR 2" X 6" TOP PLATES AND SINGLE BOTTOM PLATE 12,7mm) GYPSUM BOARD BOTH SIDES. 2 CEILING: -R60 (RSI 10.56) INSULATION ARING STUD WALL (BASEMENT): CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. OR 8.9.25.4. -1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR -5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C. 1.9.29.5.3.) 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W/ 2" X 4" OR 2" X 6" TOP PLATE. 4" OR 2" X 6" BOTTOM PLATE ON DAMPPROOFING MATERIA 320 VAULTED OR CATHEDRAL CEILING: m) GYPSUM BOARD BOTH SIDES. 2.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.C. NG AS PER GENERAL NOTE #2 W/ 4" CONC. CURB O.B.C. 9.26. & TABLE A4 NO. 210 (30. 5KG/m2) ASPHALT SHINGLES FOR ROOFS BETWEEN 4:12 & 8:12 PITCH PROVIDE EAVES PROTECTION TO RTY WALL - BLOCK: O.B.C. SB-3 WALL = B6e (STC = 57, FIRE = 2 HR) EXTEND UP THE ROOF SLOPE MIN. 2-11" (900mm) FROM EDGE TO A LINE NOT LESS THAN 12" (300mm) PAST THE INSIDE FACE OF EXTERIOR WALL. EAVES PROTECTION LAID BENEATH STARTER STRIP. 1HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS HE U/S OF ROOF DECK AVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES OR WHERE E US OF ROOF ASSEMBLIES TO COMPLY WITH OBC 9.11.1.4.(4) CE BETWEEN TOP OF WALL & ROOF DECK SHALL BE TIGHTLY FILLED W, OF SLOPES ARE 8:12 OR GREATER PER O.B.C. 9.26.5.1 TARTER STRIP AS PER O.B.C. 9.26.7.2 ERAL WOOL OR NONCOMBUSTIBLE MATERIAL & CAULKED TO PREVENT TARTER STRIP NOT REQUIRED AS PER O.B.C. 9.26.7.2.(3) 3/8" (10mm) PLYWOOD SHEATHING OR OSB (0-2 GRADE) WITH "H" CLIPS. 2"x8" (38mm x 184mm) @ 16" O.C. W/ 2"x2" (38mm x 38mm) CROSS DKE PASSAGE m) GYPSUM BOARD W/ TAPED JOINTS BOTH SIDE 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. BOTH PURLINS @ 24" O.C. MAX. SPAN 13'-3" (4050mm) OR 2"x10" (38mm x 235mm) @ 16" O.C. W/ 2"x2" (38mm x 38mm) CROSS PURLINS @ 24" O.C. MAX. SPAN 17'-0" (5180mm) -R31 (RSI 5.46) INSULATION -MIN. 3" CLEARANCE FROM U/S OF ROOF SHEATHING TO INSULATION SORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE (22" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE) GGER JOISTS & BEAMS MIN. 3 1/2" (90mm) @ PARTY WALLS AS PER ITINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE WITH .C. 9.10.9.9.(1) & TABLE 2.1.1. SB-2 OUSTICAL SEALANT AS PER O.B.C. SB-3 NOTE (4) TO TABLE 1 O.B.C. 9.25.3. & 9.25.4. /2" (12 7mm) GYPSUM BOARD RTY WALL - BLOCK (AGAINST GARAGE): (33) CONVENTIONAL FRAMING: O.B.C. SB-3 WALL = B5c (STC = 51, FIRE = 2 HR) 1. 1HR FIRE-RESISTANCE RATING CONTINUOUS (12.7mm) GYPSUM BOARD INTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. O.B.C. TABLE A6 OR A7 -2" X 6" (38mm X 140mm) RAFTERS @ 16" (400mm) O.C. MAX. SPAN 12'-9" -2"X4" (38mm X 89mm) COLLAR TIES AT MIDSPANS CEILING JOISTS TO BE 2" X 6" (38mmX 140mm) @ 16" (400mm) O.C (6" (38mmX 140mm) WOOD STRAPPING @ 16" (400mm) O.C. NLESS OTHERWISE NOTED. HIP & VALLEY RAFTERS TO BE MIN. 2" (50mm) LARGER THAN COMMON AFTERS & MIN. 1 1/2" (38mm) THICK. 2 (RSI 3.87) RIGID INSULATION /2" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE (34) ATTIC ACCESS HATCH: OBC 9.19.2.1. & SB-12 3.1.1.8.(1) (12.7mm) GYPSUM BOARD @ WALL & U/S OF CEILING BETWEEN JSE AND GARAGE E AND SEAL ALL JOINTS GAS TIGHT -19 3/4" X 27 1/2" (500mm X 700mm) ATTIC HATCH WITH WEATHERSTRIPPING & BACKED W/ R20 (RSI 3.52) INSULATION. O.B.C. 9.10.11. & 3.1.10. & SB-3 WALL = B6e (STC = 57, FIRE = 2 HR) IREWALL IS REQUIRED FOR EVERY 6460 S.F. (600 SQ.M) OF BUILDING A, O.B.C. T.3.2.2.47. ANKING FLOOR ASSEMBLIES TO COMPLY WITH OBC 9.11.1.4.(4) GENERAL: 2.7mm) GYPSUM BOARD W/ TAPED JOINTS 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. ON BOTH SIDES O.B.C. 9.8.4.

- 2'-10" (865mm) MIN. TO 3'-6" (1070mm) MAX. -3'-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS -MEASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO A

-HANDRAILS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP STRINGERS TO PROJECT A MAXIMUM OF 4" (100mm) INTO THE REQUIRED

 O.B.C. 9.8.4.

 -MAX, RIS
 = 7-3/32"
 (180mm)

 -MIN, RUN
 = 11"
 (280mm)

 -MIN, TREAD
 = 12"
 (305mm)

 -NOSING
 = 1"
 (25mm)

 -MIN, HEADROOM
 = 6'-9"
 (2050mm)

 -MIN, WIDTH
 = 2'-11"
 (900mm)

 (FUT STAIPS REFUEED)
 (240PDS)

STRAIGHT LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING

WAYS, LANDINGS OR POSTS AT CHANGES IN DIRECTION

HANDRAILS:

DWELLING UNITS

HEIGHT: O.B.C. 9.8.7.4

PROJECTIONS: O.B.C. 9.8.7.6

WIDTH OF THE STAIR

O.B.C. 9.8.4. -MAX. RISE -MIN. RUN

HANDRAILS:

PROJECTIONS: O.B.C. 9.8.7.6

WIDTH OF THE STAIR

TERMINATION: O.B.C. 9.8.7.3

FINISH: O.B.C. 9.8.9.6

(36) INTERIOR GUARDS: O.B.C. SB-7 & 9.8.8.3.

(360) EXTERIOR GUARDS:

9.8.8.2. OR

9 -CAPPED DRYER VENT

-R4 (RSI 0.70)

LIMITED TO ONE FLOOR EXCEPT

EXTERIOR COLUMN:

COLD CELLARS:

STUD WALL REINFORCEMENT:

WINDOW GUARDS:

'ER OBC 9.8.8.1.(8)(b)

FRAME CONSTRUCTION:

ARALLEL PARTITIONS

ARALLEL TO FLOOR JOISTS

-REQUIRED AS PER OBC 9.29.2.1.

WINDOWS:

1.6 W/(m2.K) OR

2.8 W/(m2.K)

SENTENCES (1) TO (6)

BELOW THE SHOWERS.

= 7-7/8" (200mm)

= 2'-11" (900mm)

(**MEASURE FROM 300mm FROM MIDPOINT OF INSIDE HANDRAIL

FINISHED RAILING ON WOOD PICKETS MAX. 4" BETWEEN PICKETS

-EXTERIOR CONC. STEPS TO HAVE MIN. 11" (280mm) TREAD &

FOUND, WALL REQUIRED WHEN NUMBER OF RISERS EXCEEDS 2 -FTG. FOR FOUND. WALL TO BE MIN. 4'-0" (1220mm) BELOW GRADE

(255mm) (280mm) (25mm)

= 10" = 11" = 1"

-MIN. HEADROOM = 6'-5" (1950mm) -MIN. WIDTH = 2'-10" (860mm) (BETWEEN WALL FACES)

(EXIT STAIRS, BETWEEN GUARDS)

-MIN. RUN = 5 7/8" (150mm) -MIN. AVG. RUN** = 10" (255mm)

TAPERED TREADS: (9.8.4.3.)

MAX. 7 7/8" (200mm) RISE

-MAX. RISE

-MIN. RUN

-NOSING

MIN. TREAD

-MIN. WIDTH

EXTEND 5 7/8" (150mm) ABOVE ROOF SURFACES & HAVE ALUMINUM CAP W/ HROUGH WALL FLASHING PER O.B.C. 3.1.10.4.(1)

-WHERE THE DIFFERENCE IN HEIGHT BETWEEN ADJACENT ROOFS IS GREATER

THAN 9'10" (3m), WALL NEED NOT EXTEND PAST UPPER ROOF SURFACE PER

-7 7/8" (200mm) SOLID CONC. FOUNDATION WALL @ 2200psi (15MPa)

OUNDATION WALL TO REST ON FOOTING PER GENERAL NOTE #2

-PROTRUDE PAST FASCIA @ EAVES W/ BRICK CORBELLING

O.B.C. 3.1.10.4.(2)

PARTY WALL - FOUNDATION:

OMPRESSIVE STRENGTH AFTER 28 DAYS

(350) PUBLIC STAIRS:

O.B.C. 9.8.7

-MIN. WIDTH = 2'-11" (900mm) (EXIT STAIRS, BETWEEN GUARDS) -FINISHED RAILING ON WOOD PICKETS MAX. 4" BETWEEN PICKETS -FOUND. WALL REQUIRED WHEN NUMBER OF RISERS EXCEEDS 2 -FTG. FOR FOUND. WALL TO BE MIN. 4'-0" (1220mm) BELOW GRADE O.B.C. 9.8.7 -ONE HANDRAIL REQUIRED WHERE STAIR WIDTH IS LESS THAN 3'-7" (1100mm)

-TWO HANDRAILS REQUIRED WHERE STAIR WIDTH EXCEEDS 3-'7" (1100mm) -TWO HANDRAILS ARE REQUIRED ON CURVED STAIRS OF ANY WIDTH HANDRAILS ARE TO BE CONTINUOUS INCLUDING AT LANDINGS EXCEPT WHERE INTERRUPTED BY DOOR WAYS

HEIGHT: O.B.C. 9.8.7.4 - 2'-10" (865mm) MIN. TO 3'-6" (1070mm) MAX. - 3'-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS) - MEASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO A TRANSFUL INFE DRAWNE FROM THE TOP OF THE HANDRAIL TO A STRAIGHT LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING

NDRAILS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP STRINGERS TO PROJECT A MAXIMUM OF 4" (100mm) INTO THE REQUIRED

- ONE HAND RAIL SHALL EXTEND HORIZONTALLY NOT LESS THAN 11 3/4" (300mm) BEYOND THE TOP & BOTTOM OF EACH FLIGHT

TREADS ARE TO BE WEAR AND SLIP RESISTANT, SMOOTH, EVEN AND FREE FROM DEFECTS PER OBC 9.8.9.6.(4) - STAIRS AND RAMPS SHALL HAVE A COLOUR CONTRAST OR DISTINCTIVE VISUAL PATTERN TO DEMARCATE THE LEADING EDGE OF THE TREADS,

O.B.C. SB-7 & 9.8.8.3.
 -GUARDS TO BE 3-6" (1070mm) HIGH
 -FOR DWELLING UNITS GUARDS TO BE A MIN. OF 2'-11" (900mm) HIGH
 -INCLUDES WINDOWS OVER STAIRS, RAMPS AND LANDINGS
 -PICKETS TO HAVE 4" (100mm) MAX. SPACING
 -GUARDS FOR FLIGHTS OF STEPS (EXCEPT EXIT STAIRS) TO BE 2'-11" (900mm) HIGH

AND THE BEGINNING AND END OF A RAMP.

-FOR WOOD GUARDS PROVIDE MID-SPAN POSTS AS PER SB-7.

CONFORM WITH O.B.C. APPENDIX A-9.8.8.5.

O.B.C. SB-7 & 9.8.8.3. -GUARDS ARE REQUIRED WHEN WALKING SURFACE TO GRADE IS GREATER THAN

-SUARUS ARE REQUIRED WHEN WALKING SURFACE ID GRADE IS GREATER ITA 23 5/8" (600mm), -GUARDS TO BE 3-6" (1070mm) -FOR DWELLING UNITS GUARDS TO BE A MIN. OF 2-11" (900mm) HIGH -FOR DWELLING UNITS GUARDS TO BE 3'-6" (1070mm) HIGH WHERE WALKING SURFACE IS MORE THAN 5'-11" (1800mm) ABOVE ADJACENT GRADE. -PICKETS TO HAVE 4" (100mm) MAX, SPACING

-GUARDS FOR FLIGHTS OF STEPS (EXCEPT EXITSTAIRS) TO BE 2'-11" (900mm) HIGH -FOR RAILING SPANNING MAXIMUM OF 6'-0". -PROVIDE PREFIN, METAL RAILING W/ 76mm VERTICAL OPENING TO

-GUARDS TO BE 3'-6" (1070mm) -FOR DWELLING UNITS GUARDS TO BE 2'-11" (900mm) WHERE FLOOR TO GRADDE DIFFERENCE IS LESS THAN 5-11" (1800mm) AS PER O.B.C.

-FOR DWFLLING UNITS GUARDS TO BE 3'-6" WHERE FLOOR TO -OK DWILLING SING SUBJECT STORE STOR

-PROVIDE SAME ANCHOR BOLTS @ 36" O.C. FOR BASE PLATE CONNECTION. -LINEN CLOSET 4 SHELVES MIN. 1'-2" (350mm) DEEP -WASHROOMS TO BE MECHANICALLY VENTED TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR, O.B.C.- 9.32.1.3.(3)

-1"X2" (19mmX38mm) BOTH SIDES OF STEEL.

-WOOD FRAMING MEMBERS SUPPORTED ON CONCRETE IN CONTACT WITH GROUND OR FILL SHALL BE PRESSURE TREATED ON CONCRETE W/ 6 mil POLYETHYLENE.

42 -PRECAST CONC. STEP -2 RISERS MAXIMUM PERMITTED TO BE LAID ON GROUND 44) SMOKE ALARM, O.B.C.- 9.10.19. -PROVIDE 1 ON EACH FLOOR INCLUDING BASEMENTS -PROVIDE 1 IN EACH BEDROOM -PROVIDE 1 IN EACH HALLWAY SERVICING BEDROOMS

INSTALLED AT OR NEAR CEILING ALARMS TO BE CONNECTED IN CIRCUIT AND INTERCONNECTED SO ALL ALARMS WILL BE ACTIVATED IF ANY ONE OF THEM SOUNDS AND HAVE A

LARMS WILL BE ACTIVATED IF ANY ONE OF THEM SOUNDS AND HAVE A ISUAL SIGNALLING COMPONENT ALARMS MUST BE HARDWIRED AND HAVE AN ALTERNATE POWER SOURCE HAT CAN POWER ALARM FOR 7 DAYS, FOLLOWED BY 4 MINUTES OF ALARM CARBON MONOXIDE ALARM (CMA), O.B.C.- 9.33.4. -WHERE THERE IS A FUEL BURNING APPLIANCE A CMA SHALL BE PROVIDED ADJACENT TO EACH SLEPPING AREA. -CMA TO BE WIRED IN CIRCUIT TO SOUND SMOKE ALARMS WHEN

-MAIN DOOR TO BE OPERABLE FROM INSIDE W/OUT KEY
-ROVIDE A VIEWER WITH A VIEWING ANGLE OF NOT LESS THAN 160 DEG.
UNLESS GLAZING IS PROVIDED IN DOOR OR A SIDELIGHT IS PRESENT. -R4 (RSI 0.70) WHERE A STORM DOOR IS NOT PROVIDED

GARAGE MAN DOORS TO BE GAS PROOFED WITH SELF CLO WEATHERSTRIPPING, THRESHOLD & DEAD BOLT PER O.B.C. 9.10.13.15. \rightarrow -travel from a floor level to an exit or egress door shall be

1) WHERE THAT FLOOR LEVEL HAS ACCESS TO A BALCONY WHERE THAT FLOOR LEVEL HAS A WINDOW PROVIDING AN 2) WHERE THAT FLOOK LEVEL HAS A WINDOW PROVIDING AN UNOBSTRUCTED OPENING OF NOT LESS THAN 3'-3" (1000mm) IN HEIGHT AND 21 5/8" (550mm) IN WIDTH; SUCH WINDOW SHALL BE LOCATED SO THAT THE SILL IS NOT MORE THAN 3'-3" (1000mm) ABOVE FLOOR AND 23'-0"

(7.0m) ABOVE ADJACENT GROUND LEVEL. EXTERIOR COLUMN W/ MASONRY PIER: -MIN. 6"X6" (140mm X 140mm) WOOD POST ANCHORED TO PORCH SLAB W/

OP PORTION OF POST CLAD W/ DECOR. SURROUND PER ELEVATION DRAWINGS. -MASONRY VENEER SURROUND W/ PRECAST CONCRETE CAP, REFER TO ELEVATION DRAWINGS FOR PIER SIZE AND CAP HEIGHT. -SURROUND TO BE TIED W/ METAL TIES @ 16" (400mm) O.C. VERT. INSTALLED

PER O.B.C. 9.20.9.4. -3/4" AIR SPACE AROUND POST. IN, 6"X6" (140mm X 140mm) WOOD POST CLAD W/ DECOR, SURROUND S ELEVATION DRAWINGS ANCHORED TO CONC. CAP W/ METAL SADD SONRY PIER TO BE CONSTRUCTED SOLID W/ PRECAST CONCRETE CAP. ER TO ELEVATION DRAWINGS FOR PIER SIZE AND CAP HEIGHT. NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE 6" X 6" POST PROVIDED THAT THEY ARE IN CONFORMANCE WITH O.B.C. 9.17.

MIN. 6"X6" (140mm X 140mm) WOOD POST CLAD W/ DECOR. SURROUND DRAWINGS) ANCHORED TO PORCH SLAB W/ METAL SADDLE NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE 6" X 6" ABOVE PROVIDED THAT THEY ARE IN ACCORDANCE WITH O.B.C. 9.17.

FOR COLD CELLARS PROVIDE THE FOLLOWING -VENTING AREA TO BE EQUIVALENT TO 0.2% OF COLD CELLAR AREA. COVER VENT W/ BUG SCREEN -COVER VENT W/ BUG SCREEN -WALL MOUNTED LIGHT FIXTURE -L1H27 FOR DOOR OPENING -2-8" X 6-8" EXTERIOR TYPE DOOR (MIN.R-4 RS10.7)

-INSULATE FULL HEIGHT OF INTERIOR BASEMENT WALL W/ R20 (RSI 3.52) CONTINUOUS INSULATION (ZONE 1 OBC SB-12 T.3.1.1.2.A. ALTERNATE INSULATION METHOD: 2" (51mm) R10 (RSI 1.76) RIGID INSULATION W/ 2"x4"(38mm X 89mm) WOOD STUD W/ R12 (RSI 2.11) BATT INSULATION

VALL STUDS AD JACENT TO WATER CLOSETS & SHOWER BATH TUBS IN MAIN BATHROOM ARE TO BE REINFORCED TO PERMIT THE FUTURE INSTALLATION OF GRAB BARS AS PER O.B.C. 3.8.3.8.(3)(a)&(c) & 3.8.3.13.(2)(g) & -GRAB BARS TO BE INSTALLED AS PER O.B.C. 9.8.7.7.(2)

© <u>STAIRS, LANDINGS & RAMPS</u> - OBC 9.8.8.1.(8) WINDOW SILL AT 3'-0" (900mm) OR GREATER DOES NOT REQUIRE GUARDS

WINDOW TO BE NON-OPERABLE AND DESIGNED TO WITHSTAND LATERAL LOADS @FLOORS - OBC 9.8.8.1.(6) OPERABLE WINDOWS LESS THAN 1'-7" (480mm) ABOVE FLOORS WHERE ADJACENT GRADE IS GREATER THAN 5'-11" (1800mm) REQUIRE A GUARD PER

-ALL FRAMING LUMBER TO BE NO.1 AND NO. 2 SPF UNLESS NOTED -ROOF LOADING IS BASED ON 1.5kPg SPECIFIED COMPOSITE SNOW AND

RAIN LOADS. -JOISTS TO HAVE MIN. 1-1/2" (38mm) END BEARING -BEAMS TO HAVE MIN. 3-1/2" (89mm) END BEARING -DOUBLE STUDS @ OPENINGS -DOUBLE HEADER JOISTS AROUND FLOOR OPENINGS WHEN THEY ARE

BETWEEN 3'-11" (1200mm) AND 10'-6" (3200mm) -DOUBLE TRIMMER JOISTS WHEN HEADER JOIST LENGTH IS BETWEEN 2'-7" (800mm) AND 6'-7" (2000mm) OUBLE JOISTS OR SOLID BLOCKING UNDER NON-LOAD BEARING

-BFAMS MAY BE A MAX. 24" (600mm) FROM LOADBEARING WALLS WHEN WALLS ARE PERPENDICULAR TO FLOOR JOISTS -APPROVED METAL HANGERS TO BE USED FOR JOISTS AND BEAMS WHEN

-BEAMS TO BE PLACED UNDER LOADBEARING WALLS WHEN WALLS ARE

THEY FRAME 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 -FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED

MORE THAN 23 5/8" (600mm) BEYOND SUPPORTS FOR 2" X 10" (38mm X 235mm) OR LARGER. WATERPROOF WALLS IN BATHROOMS:

-WINDOWS TO BE SEALED TO THE AIR & VAPOR BARRIER -WINDOWS THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF

-AN ENERGY RATING OF NOT LESS THAN 25 FOR WINDOWS ASEMENT WINDOWS WITH LOAD BEARING STRUCTURAL FRAME SHALL BE DOUBLE GLAZED WITH LOW-E COATING SKYLIGHTS SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF

-FOR GROSS GLAZED AREAS LESS THAN AND EQUAL TO 17% DRAIN WATER HEAT RECOVERY: - DWHR UNITS TO BE INSTALLED AS PER OBC SB-12 3.1.1.1.(22) & 3.1.1.12.

- DWHR ARE REQUIRED IN ALL DWELLING UNITS TO RECEIVE DRAIN WATER FROM ALL SHOWERS OR FROM AT LEAST 2 SHOWERS WHERE THERE ARE 2 OR MORE SHOWERS PROVIDED THERE IS A CRAWL SPACE OR STOREY

<u>LINTELS</u>

WD1 3/ 2" X 8" SPR L1 2/ 2" X 8" SPR WD2 4/ 2" X 8" SPR L3 2/ 2" X 10" SPR WD3 5/ 2" X 8" SPR WD4 3/ 2" X 10" SPR WD5 4/ 2" X 10" SPR WD6 5/ 2" X 10" SPR WD7 3/ 2" X 12" SPR WD8 4/ 2" X 12" SPR WD9 5/ 2" X 12" SPR WD10 2/13/4" X71/4" (2.0E) LVL WD11 3/13/4" X7 1/4" (2.0E) LVL WD12A 1/ 1 3/4" X9 1/2" (2.0É) LVL WD12 2/13/4" X91/2" (2.0E) LVL WD13 3/13/4" X91/2" (2.0E) LVL WD14A 1/ 1 3/4" X11 7/8" (2.0E) LVL WD14 2/13/4" X117/8" (2.0E) LVL WD15 3/13/4" X117/8" (2.0E) LVL WD16A 1/13/4" X14" (2.0E) LVL

WOOD BEAMS

WD16 2/13/4" X14" (2.0E) LVL

WD17 3/13/4" X14" (2.0E) LVL

L5 2/ 2" X 12" SPR L7 3-1/2" X 3-1/2" X 1/4" L L8 4-7/8" X 3-1/2" X 1/4" L L9 4" X 3-1/2" X 1/4" L L10 4-7/8" X 3-1/2" X 5/16" L L11 4-7/8" X 3-1/2" X 3/8" L L12 57/8" X 3-1/2" X 5/16" L L13 5-7/8" X 3-1/2" X 3/8" L L14 5-7/8" X 3-1/2" X 1/2" L L15 5-7/8" X 4" X 1/2" L L16 7-1/8" X 4" X 3/8" L L17 7-1/8" X 4" X 1/2" L

DOORS A 865x2030x45 (2'10"x6'8"x1-3/4") B 815x2030x35 (2'8''x6'8''x1-3/8'') C 760x2030x35 (2'6''x6'8''x1-3/8'') D 710x2030x35 (2'4"x6'8"x1-3/8") E 460x2030x35 (1'6"x6'8"x1-3/8")

F 610x2030x35 (2'0"x6'8"x1-3/8") G OVER SIZED EXTERIOR DOOR

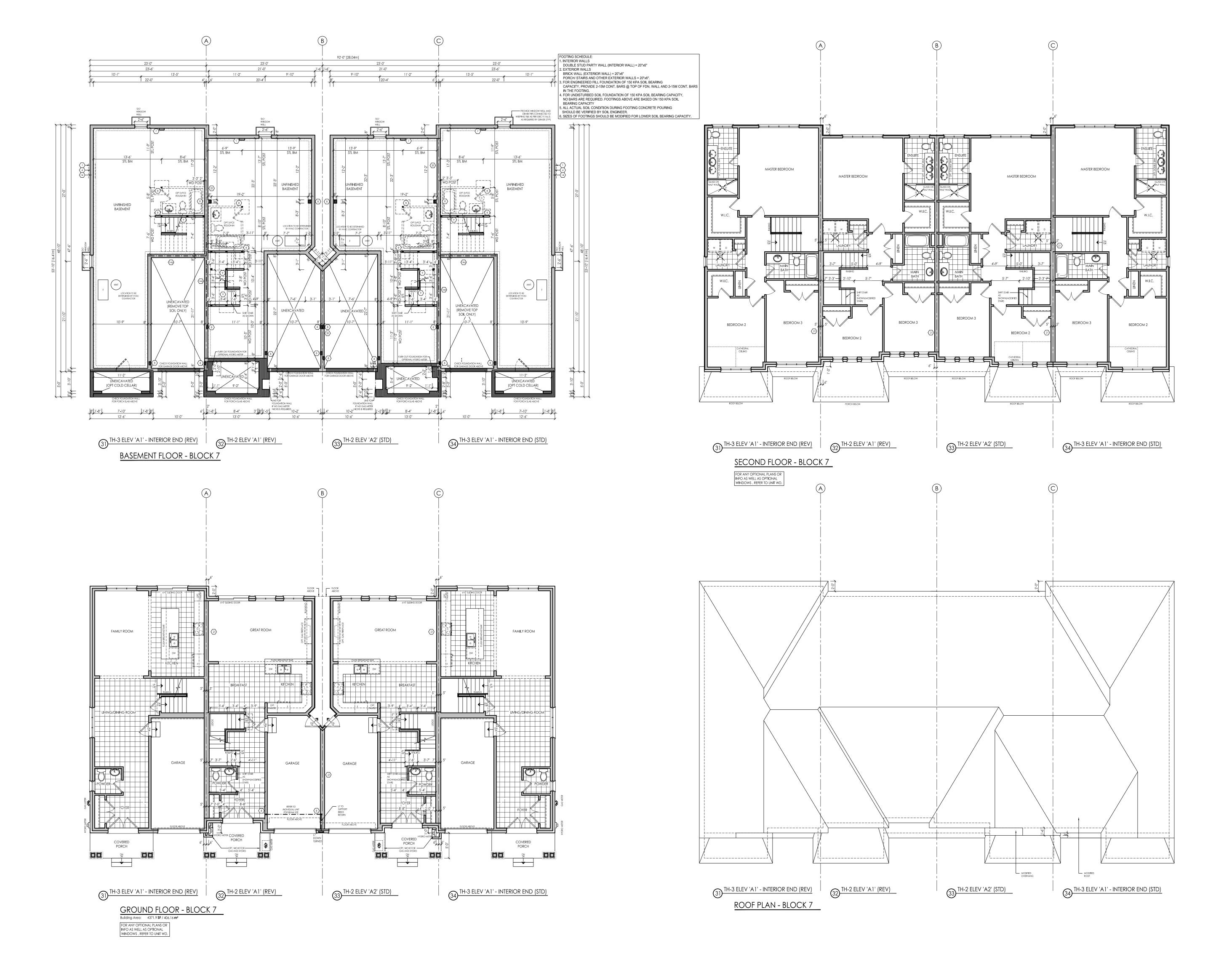
> STEEL BEAMS ST1 W6X15 ST2 W 6 X 20 ST3 W 8 X 18 ST4 W 8 X 21

> > ST5 W 8 X 24

LEGEND SMOKE ALARM (44) CARBON MONOXIDE 45 DUPLEX OUTLET VENTS AND INTAKES HOSE BIB 38 EXHAUST FAN COLD CELLAR VENT (50) STOVE VENT FIRE PLACE VENT DRYER VENT FLOOR DRAIN SOLID BEARING (TO BE SAME WIDTH AS SUPPORTED MEMBER) Ø& POINT LOAD

DJ ΡT GT AFF BBFM (FL) (DR) 'DO' U/S FG GB BG

				I, DANIEL HANNIN TAKEN DESIGN RE BEHALF OF RN DES SUBSECTION-3.2.4	A	.COM 177 DUP.CA EREVIEWED A ESIGN WORK 1 C.PART-3 E. I AM QU/ 10PRIATE CLA 200	(ON ALIFIED ASSES / 0888 5995	
				A1 BASE GRC SECC ROC A2 FROI REAF LEFT	SHEET EMENT FLOOR - DND FLOOR - DND FLOOR - DF PLAN - BLOO NT ELEVATION - SIDE ELEVATION SIDE ELEVATION IT SIDE ELEVATION	BLOCK BLOCK CK 7 - BLOC BLOCK DN - BLC	7 7 7 7 7 0CK 7	
		THESE DRAWINGS ARE NOT TO BE SCAL VERIFIED BY CONTRACTOR PRIOR TO CO ANY DISCREPANCIES MUST BE REPORTE	DMMENCEMENT OF ANY WORK.	FOR	R STRUCTURA	23 IYGAY 16 ON L ITEMS	S ONL	-Y chk AD AD AD AD
FLAT ARCH 2 STORY WALL CALL CONSTRUCTION CH HYDRO METER CG GAS METER DJ DOUBLE JOIST PT PRESSURE TREATED LUMBER GT GIRDER TRUSS AFF ABOVE FINISHED FLOOR	Areas:			client client project model project #	Tice River H Legac _{Ayr} BLOCK	y		
BBFMBEAM BY FLOOR MANUF(FL)FLUSH(DR)DROPPED'DO'REPEAT SAME JOIST SIZEU/SUNDER SIDEFGFIXED GLAZINGGBGLASS BLOCKBGBLACK GLASS					3/16" = 1'-			





WWW.RNDESIGN.COM Tel: 905-738-3177 WWW.THEPLUSGROUP.CA

I, DANIEL HANNINEN DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF **RN DESIGN ITD**, UNDER DIVISION C, PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES. QUALIFIED DESIGNER BCIN: 20888 FIRM BCIN: 26995 DATE: JANUARY-13-23 SIGNATURE:



FOR STRUCTURAL ITEMS ONLY

#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	30-Sep-22	BU	AD
2	REVISED PER CLIENT COMMENTS	9-Nov-22	MD	AD
3	REV PER ENG COMMENTS	22-DEC-22	MD	AD
4	ISSUED FOR PERMIT	13-Jan-23	KS	AD
client				

Tice River Homes

Legacy

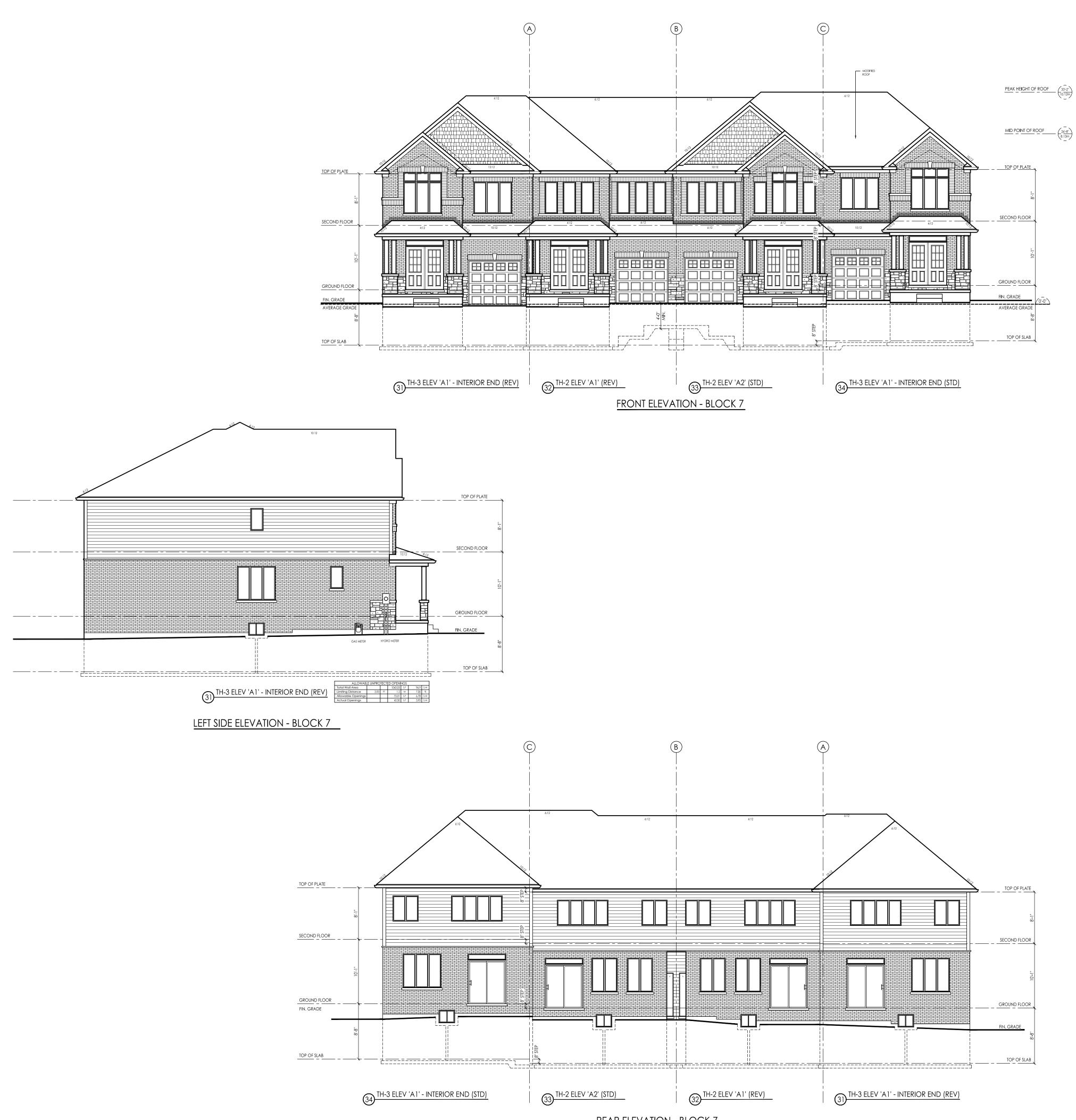
Ayr

BLOCK 7

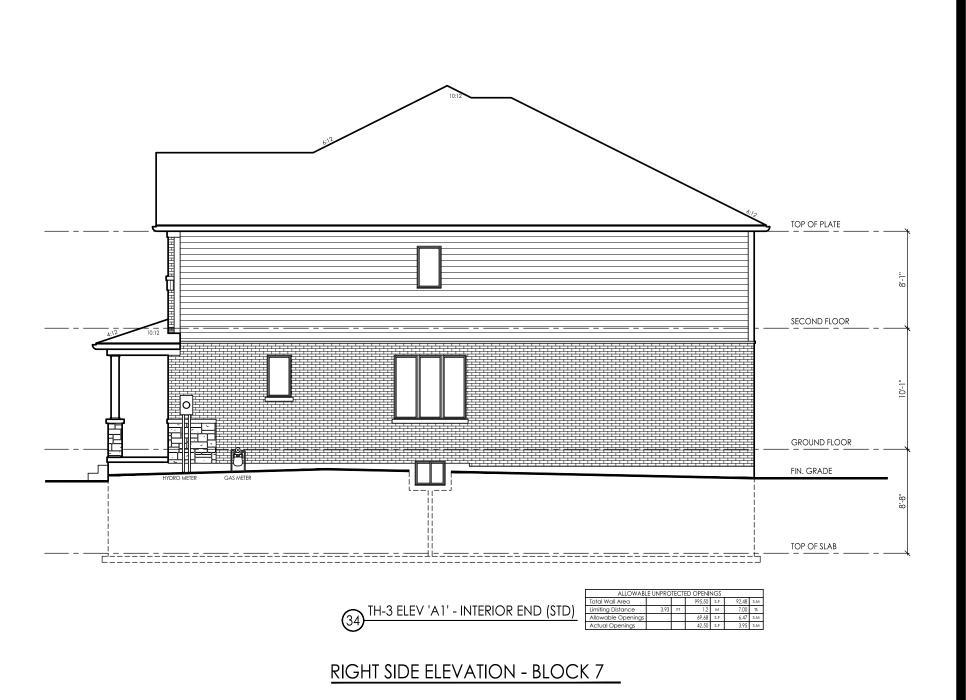
^{t #} 17052

1/8" = 1'-0"





REAR ELEVATION - BLOCK 7





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 #
 revisions
 date
 dwn
 chk

 1
 ISSUED FOR CUENT REVIEW
 30-Sep-22
 BU
 AD

 2
 REVISED PER CUENT COMMENTS
 9-Nov-22
 MD
 AD

 3
 REV PER ENG COMMENTS
 22-DEC-22
 MD
 AD

 4
 ISSUED FOR PERMIT
 13-Jan-23
 KS
 AD

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Tice River Homes

Legacy

Ayr

BLOCK 7

17052

1/8" = 1'-0"

