-BRACE W/ CONT. 16 GAUGE STEEL 'T' BRACES FROM TOP PLATE TO BTM. PLATE FOR THE FULL NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = **CONSTRUCTION NOTES:** -FTG. FOR FOUND. WALL TO BE MIN. 4'-0" (1220mm) BELOW GRADE -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ HANDKAIL C.B.C. 7.6.7 -ONE HANDRAIL REQUIRED WHERE STAIR WIDTH IS LESS THAN 3'-7" (1100mm) COMPLIANCE PACKAGE J - O.B.C. 2012 - 2014 ENACTMENT 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL. -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. ON BOTTOM FLR. -TWO HANDRAILS REQUIRED WHERE STAIR WIDTH EXCEEDS 3-'7" (1100mm) -TWO HANDRAILS ARE REQUIRED ON CURVED STAIRS OF ANY WIDTH -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ -ALL CONSTRUCTION TO CONFORM TO THE ONTARIO -INVO PIANDRAILS ARE REQUIRED ON COVED STAIRS OF ANY WIDTH

HANDRAILS ARE TO BE CONTINUOUS INCLUDING AT LANDINGS EXCEPT WHERE INTERRUPTED BY

DOOR WAYS OR NEWEL POSTS AT CHANGES IN DIRECTION -R14 (RSI 2.46) INSULATION (ZONE 1, O.B.C. T.2.1.1.2.A.) ILDING CODE (O.B.C.) AND ALL OTHER CODES AND LOCAL AUTHORITIES HAVING GARAGE WALL & CEILING: NTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4. O.B.C. 9.8.7.4 -ALL DIMENSIONS GIVEN FIRST IN IMPERIAL FOLLOWED BY METRIC. 1/2" (12.7mm) GYPSUM BOARD. 2.7mm) GYPSUM BOARD ON BOTH SIDES OF WALL & U/S OF CEILING BETWEEN 2'-11" (900mm) TO 3'-2" (965mm) NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -THERMAL RESISTANCE VALUES BASED ON ZONE 1 HOUSE AND GARAGE 3'-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS DR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ -TAPE AND SEAL ALL JOINTS GAS TIGHT FOOTINGS / SLABS: MEASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO A STRAIGHT LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING R22 (RSI 3.87) INSULATION IN WALLS TYPICAL STRIP FOOTING: FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ -R31 (RSI 5.41) INSUI ATION IN CEILINGS W/ FLOOR ABOVE DJECTIONS: O.B.C. 9.8.7.6 ANDRAILS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP STRINGERS ONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4.. FOR FLOOR -BASED ON 16'-1"(4.9m) MAX. SUPPORTED JOIST LENGTH O PROJECT A MAXIMUM OF 4" (100mm) INTO THE REQUIRED WIDTH OF THE FRAME WALL CONSTRUCTION @ GARAGE: -MIN. 2200psi (15MPa) CONCRETE AFTER 28 DAYS -INSULATION AROUND DUCTS AND PIPING NOT TO ENCROACH MIN. REQUIRED GARAGE AREA (REFER STAR TERMINATION: O.B.C. 9.8.7.3

- ONE HAND RAIL SHALL EXTEND HORIZONTALLY NOT LESS THAN 11 3/4" (300mm) BEYOND THE TOP -SHALL REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL W/ MIN. 10.9psi (75kPa) BEARING CAPACITY IDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. -1/2" (12.7mm) GYPSUM BOARD & BOTTOM OF EACH STAIR AS 9.28.1.4. & 9.27.)
-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. FTG. TO HAVE CONTINUOUS KEY ROOF FRAMING MEMBERS ARE FASTENED TO TOP PLATES WITH TG. SIZES MAY BE REDUCED FOR SOILS W/ GREATER BEARING CAPACITY (AS PER 4 - 3 1/4" (82mm) TOE NAILS -TREADS ARE TO BE WEAR AND SLIP RESISTANT, SMOOTH, EVEN AND FREE FROM -1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16. -BOTTOM PLATES ARE FASTENED TO FLOOR JOISTS, BLOCKING OR RIM JOIST WITH 3 1/4" (82mm) NAILS TYPICAL STRIP FOOTING: (EXTERIOR WALLS) -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. STAIRS AND RAMPS TO HAVE EITHER A COLOUR CONTRAST OR DISTINCTIVE /2" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = WALLS ADJACENT TO ATTIC SPACE: PATTERN TO DEMARCATE THE LEADING EDGE OF THE TREADS, LANDING AND THE BEGINNING AND FTG TO EXTEND MIN 4'-0" (1200mm) BELOW GRADE FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED ONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4. BRICK VENEER -1 STOREY - 13" X 4" (330mm X 100mm) INTERIOR GUARDS:
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 -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C -R22 (RSI 3.87) INSULATION -2 STOREY - 19" X 6" (485mm X 155mm OR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED -3 STOREY - 26" X 9" (660mm X 230mm 12.7mm) GYPSUM BOARD OR 1/4" (6mm) PLYWOOD SHEATHING ON ATTIC SIDE. -INCLUDES WINDOWS OVER STAIRS, RAMPS AND LANDINGS SIDING- -1 STOREY - 10" X 4" (255mm X 100mm REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): -PICKETS TO HAVE 4" (100mm) MAX. SPACING
-GUARDS FOR FLIGHTS OF STEPS (EXCEPT EXIT STAIRS) TO BE 2'-11" (900mm) HIGH O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE -3 STOREY - 18" X 5" (460mm X 130mm) EXTERIOR GUARDS: O.B.C. SB-7 & 9.8.8.3.

-GUARDS ARE REQUIRED WHEN WALKING SURFACE TO GRADE IS GREATER 3/8" (9 5mm) PLYWOOD, OSB OR WATERBOARD SHEATHING \sum TYPICAL STRIP FOOTING: (INTERIOR BEARING WALLS) -ADD ABSORPTIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m.
-REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD. THAN 23 5/8" (600mm). -STUDS FASTENED AT TOP & BOTTOM WITH 3/3-1/4" (82mm) TOE NAILS STOREY MASONRY - 16" X 4" (410mm X 100mm) -GUARDS TO BE 3'-6" (1070mm) OUBLE TOP PLATES FASTENED TOGETHER WITH 3" (76mm) AT -1 STOREY STUD - 12" X 4" (305mm X 100mm) -2 STOREY MASONRY - 26" X 9" (650mmX 230mm) FOR DWELLING UNITS GUARDS TO BE A MIN. OF 2'-11" (900mm) HIGH REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE): REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND -FOR DWELLING UNITS GUARDS TO BE 3'-6" (1070mm) HIGH WHERE WALKING SURFACE IS MORE -SOLID BRIDGING AT 3'-11" (1200mm) O.C. 2 STOREY STUD - 18" X 5" (450mm X 130mm) HAN 5'-11" (1800mm) ABOVE ADJACENT GRADE. ADD/REPLACE THE FOLLOWING: -MIN. R22 (RSI 3.87) INSULATION (ZONE 1. O.B.C. T.2.1.1.2.A.) 3 STOREY MASONRY - 36" X 14" (900mm X 360mm) 3 STOREY STUD - 24" X 8" (600mm X 200mm) ANDING LACE HILL OCCUMENT.

-NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS). OR PICKETS TO HAVE 4" (100mm) MAX. SPACING ONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE WITH O.B.C. 9.25.3, & 9.25.9. -PROVIDE MID-SPAN POSTS AS PER SB-7.
-GUARDS FOR FLIGHTS OF STEPS (EXCEPT EXIT STAIRS) TO BE 2¹-11" (900mm) HIGH EXPOSED FLOOR: FLOOR AS PER NOTE # 28 -VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER SHEATHING PAPER OVER STEP FOOTING: EXTERIOR GUARDS @ JULIET BALCONY: (12.7mm) GYPSUM EXTERIOR SHEATHING WHICH REPLACES EXTERIOR PLYWOOD CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/O.B.C.- 9.25.3. & 9.25.4. 8" (600mm) MAX. VERTICAL RISE & 23 5/8" (600mm) MIN. HORIZONTAL RUN. -R31 (RSI 5.46) INSULATION -FOR RAILING SPANNING MAXIMUM OF 6"-U". -PROVIDE PREFIN. METAL RAILING W/ 76mm VERTICAL OPENING TO CONFORM DRAINAGE TILE OR PIPE: BRICK VENEER CONSTRUCTION: WITH O.B.C. APPENDIX A-9.8.8.5 SUNKEN FINISHED AREAS:
SURF SOLID BUILT-UP WOOD BEARING POST TO SUPPORT SUNKEN AREA AT MIN. DIA. LAID ON UNDISTURBED OR WELL COMPACTED SOIL W/TOP /2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX. HEIGHT GUARDS TO BE 3'-6" (1070mm) OF TILE OR PIPE TO BE BELOW BOTTOM OF FLR. SLAB. FOUNDATION WALLS. EXTEND FOOTINGS TO SUPPORT POSTS.

- WHERE GRADING CONDITIONS WILL ALLOW, CHECK FOUNDATION WALLS -FOR DWELLING UNITS GUARDS TO BE 2'-11" (900mm) WHERE FLOOR TO GRADE DIFFERENCE IS LESS -MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT COVER TOP & SIDES OF TILE OR PIPE W/ 5 7/8" (150mm) OF CRUSHED STONE OR THAN 5'-11" (1800mm) AS PER O.B.C. 9.8.8.2. OR -FOR DWELLING UNITS GUARDS TO BE 3'-6" WHERE FLOOR TO STRAPS @ MAX. 15 3/4" (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING R COURSE CLEAN GRANULAR MATERIAL.
SHALL DRAIN TO A SEWER, DRAINAGE DITCH, OR DRY WELL. ROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER OPENING INSTEAD OF USING BEARING POSTS GRADE DIFFERENCE IS 5"-1 1" (1800mm) OR GREATER AS PER O.B.C. 9.8.8.2. -VERTICAL END RAILING ANCHORED TO CORNER DOUBLE STUDS USING 3 ROWS -BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2)) \(\frac{\text{BASEMENT SLAB:}}{\text{O.B.C.}, 9.13. & 9.16.} \) BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER DOUBLE MASONRY WYTHE WALL: OF 3/8"Ø MIN. ANCHOR BOLTS EQUALLY SPACED WITH 3" MIN. EMBEDMENT TO " (25mm) AIR SPACE 1/2" MASONRY VENEER ON 2" MORTAR JOINT ON 3 1/2" MASONRY VENEER -WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. 200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5. -PROVIDE SAME ANCHOR BOLTS @ 36" O.C. FOR BASE PLATE CONNECTION. -WYTHES TO BE TIED W/ METAL TIES INSTALLED AS PER 0.B.C. 9.20.9.4. SILL PLATE REQUIRED FOR ROOF AND CEILING FRAMING MEMBERS /4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16 DAMPPROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS. -LINEN CLOSET 4 SHELVES MIN. 1'-2" (350mm) DEEP -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. 2 A 0 (301111)1 A 1041111) WOOD STOUS & 1 (4001111) V.C. MIN. R22 (RSI 3.87) INSULATION (20NE 1. O.B.C. T.2.1.1.2.A.) CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4. -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 JOISTS BEARING ON DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE -WASHROOMS TO BE MECHANICALLY VENTED TO PROVIDE AT LEAST ONE AIR STRENGTH AFTER 28 DAYS -4" (100mm) OF COURSE GRANULAR MATERIAL HANGE PER HOUR, O.B.C.- 9.32.1.3.(3) WYTHES, FLOOR JOISTS ARE NOT TO PROJECT INTO CAVITY AREA.

CORBEL MASONRY VENEER: 39 -CAPPED DRYER VENT -PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG VENEER TO BE CORBELLED AS PER O.B.C. 9.20.12.3.(1) -1/2" (12.7mm) GYPSUM BOARD WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO O.B.C. 9.13.3. $\langle 40 \rangle$ -1"X2" (19mmX38mm) BOTH SIDES OF STEEL. FLOOR ASSEMBLIES: NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FLOOR DRAIN PER O.B.C.9.31.4.4. FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED 10 (RSI 1.76) INSULATION AT PERIMETER OF SLAB WHERE GRADE IS WITHIN 23-1/2" (600mm) -WOOD FRAMING MEMBERS SUPPORTED ON CONCRETE IN CONTACT WITH TO BE SPACED @ 12" (300mm) O.C. OF BASEMENT SLAB EDGE. INSULATION TO EXTEND TO NOT LESS THAN 23-1/2" (600mm) GROUND OR FILL SHALL BE PRESSURE TREATED OR SEPARATED FROM CONCRETE " X 4" (38mm X 89mm) PLATE BELOW EXTERIOR GRADE LEVEL (O.B.C. SB-12 - 2.1.1.6 (5))
- UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): -1/2" (12.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.C. FASTENED TO PLATE W/ NUTS AND O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE WASHERS & SHALL BE EMBEDDED NOT LESS THAN 4" (100mm) INTO FOUNDATION WALL GAS CONTROL SHALL CONFIRM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9) -2 RISERS MAXIMUM PERMITTED TO BE LAID ON GROUND SILL PLATE TO BE CAULKED, OR PLACED ON A LAYER NOT LESS THAN 1" (25mm) THICK BEFORE SMOKE ALARM, O.B.C.- 9.10.19. COMPRESSING, OR FOAM GASKET, OR PLACED ON FULL BED OF MORTAR. PROVIDE 1 ON EACH FLOOR INCLUDING BASEMENTS -REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE INSULATING -PROVIDE 1 IN EACH BEDROOM
-PROVIDE 1 IN EACH HALLWAY SERVICING BEDROOMS MATERIAL WITH A MASS OF AT LEAST 4.8 kg/sq.m.
-REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD. 27) BRIDGING & STRAPPING:
O.B.C. 9.23.9.4. 5a SLAB ON GROUND: -ALARMS TO BE CONNECTED IN CIRCUIT AND INTERCONNECTED SO ALL ALARMS WILL BE 3" (75mm) CONCRETE SLAB - O.B.C. 9.16.4.3. ALTERNATE BRICK VENEER CONSTRUCTION: -ALARMS MUST BE HARDWIRED AND HAVE AN ALTERNATE POWER SOURCE THAT CAN POWER 200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5. -1" X 3" (19mmX 64mm) NAILED TO U/S OF JOISTS @ MAX. 6'-11" (2100mm) O.C. DAMPPROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS. 6-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX, HEIGHT FASTENED TO SILL OR HEADER @ ENDS 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 -MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 15 3/4" -DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE -1" X 3" (19mmX 64mm) OR 2" X 2" (38mmX 38mm) CROSS_BRIDGING @ MAX. 6'-11" (2100mm) O.C. 45 (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING STRENGTH AFTER 28 DAYS

-R10 (RSI 1.76) INSULATION UNDER ENTIRE SLAB WHERE THE ENTIRE SLAB IS WITHIN 23-1/2" PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER OPENINGS ADJACENT TO EACH SLEEPING AREA.
-CMA TO BE WIRED IN CIRCUIT TO SOUND SMOKE ALARMS WHEN ACTIVATED. c) BRIDGING & STRAPPING BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (600mm) OF GRADE. -4" (100mm) OF COURSE GRANULAR MATERIAL - a) & b) USED TOGETHER OR -MAIN DOOR TO BE OPERABLE FROM INSIDE W/OUT KEY -BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER 1 1/2" (38mm) SOLID BLOCKING @ MAX. 6'-11" (2100mm) O.C. USED WITH STRAPPING (a) -MAIN DOOR TO BE OFERABLE FROM INSIDE WYOU KESS THAN 160 DEG. UNLESS GLAZING IS PROVIDED IN DOOR OR A SIDELIGHT IS PRESENT. -PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG. -1" (25mm) AIR SPACE -1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. 9.27.3.4.) ERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO O.B.C. 9.13.3. STRAPPING NOT REQUIRED IF FURRING STRIPS OR PANEL TYPE CEILING FINISH IS ATTACHED -R4 (RS) 0.70) WHERE A STORM DOOR IS NOT PROVIDED
-GARAGE MAN DOORS TO BE GAS PROOFED WITH SELF CLOSER,
WEATHERSTRIPPING, THRESHOLD & DEAD BOLT PER O.B.C. 9.10.13.15. 2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. ON BOTTOM FLR. WHEN 3 STOREYS CONTROL SHALL CONFIRM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9) FLOOR ASSEMBLY 8 O.B.C. 9.23.14.3, 9.23.14.4 -5/8" (15.9mm) WAFERBOARD (R-1 GRADE) OR EQUIVALENT -BRACE W/ CONT. 16 GAUGE STEEL 'T' BRACES FROM TOP PLATE TO BTM, PLATE FOR THE -TRAVEL FROM A FLOOR LEVEL TO AN EXIT OR EGRESS DOOR SHALL BE LIMITED TO -CONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL ONE FLOOR EXCEPT: PORCH SLABS ABOVE COLD CELLAR: GARAGE SLAB / EXTERIOR SLAB: 1) WHERE THAT FLOOR LEVEL HAS ACCESS TO A BALCONY OR RIA (R) 2.46 INSULATION
-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4. 2) WHERE THAT FLOOR LEVEL HAS A WINDOW PROVIDING AN UNOBSTRUCTED 00mm) CONCRETE SLAB -REINFORCED CONCRETE SLABS ABOVE COLD CELLARS THAT ARE SUPPORTED ON 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 -4650psi (32MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS FOR UNREINFORCED 2" (12 7mm) GYPSUM BOARD FOUNDATION WALLS NOT TO EXCEED 8'-2"
-47/8" (125mm) 4650 psi (32 MPa) CONC. SLAB WITH 5 TO 8% AIR ENTRAINMENT CONC. & W/ 5-8% AIR ENTRAINMENT - O.B.C. 9.3.1.6. NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = 3'-3" (1000mm) ABOVE FLOOR AND 23'-0" (7.0m) ABOVE ADJACENT GROUND -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ -REINFORCE WITH 10M BARS @ 7 7/8" (200mm) EACH WAY
-1 1/4" (30mm) CLEAR COVER FROM THE BOTTOM OF THE SLAB -4" (100mm) OF COURSE GRANULAR MATERIAL -ANY FILL PLACED UNDER SLAB , OTHER THAN COURSE CLEAN GRANULAR FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 49 EXTERIOR COLUMN W/ MASONRY PIER: -3" (75mm) END BEARING ON FOUNDATION WALL 2 J.S. (GOOMM) X 23 S/8" (GOOMM) 10 DOWELS @ 23 5/8" (GOOMM) O.C. EXTERIOR BALCONY ASSEMBLY: ATERIAL, SHALL BE COMPACTED. -MIN. 6"X6" (140mm X 140mm) WOOD POST ANCHORED TO PORCH SLAB W/ REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):
O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) METAL SADDLE. TOP PORTION OF POST CLAD W/ DECOR. SURROUND PER ELEVATION DRAWINGS.) 1 1/4" X 3 1/2" PRESSURE TREATED DECKING W/ 1/4" SPACING 2"X4" WOOD PURLINS (CUT DIAGONALLY) @ 12" O.C. LAYING UNFASTENED ON SINGLE FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE 14" X 14" MASONRY VENEER SURROUND W/ PRECAST CONCRETE CAP. FOLLOWING MATERIALS: -ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16. -CONCRETE NIB - 4" X 12" (100mm X 300mm) PLY WATERPROOF ROOF MEMBRANE OR EQUIVALENT ON 5/8" (15.9mm) EXTERIOR -REFER TO ELEVATION DRAWINGS FOR HEIGHT OF CAP. -BLOCK NIB - 4" X 12" (100mm X 300mm) BONDED & TIED TO WALL AS PER SURROUND TO BE TIED W/ METAL TIES @ 16" (400mm) O.C. VERT. INSTALLED PER BETWEEN RIGID INSULATION AND WOOD STUD.
-REPLACE R14 (RSI 2.46) INSULATION WITH R14 (RSI 2.46) ABSORPTIVE INSULATING D.B.C. 9.20.11.2. TOP 7 7/8" (200mm) SOLID. .C. DIRECTLY ON 2"X8" ROOF JOISTS @ 12" O.C. (OR AS NOTED ON PLAN) -3/4" AIR SPACE AROUND POST. OR - EXTERIOR GUARD AS PER #36a - SLOPE ASSEMBLY MINIMUM 2% TO ROOF SCUPPER MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m.
PEPI ACE 1/2"(12 7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD. -MIN. 6"X6" (140mm X 140mm) WOOD POST CLAD W/ DECOR. SURROUND -4" (100mm) INTO EDN. WALL W/ WIDTH TO MATCH BEAM SIZE (PER ELEVATION DRAWINGS) ANCHORED TO CONC. CAP W/ METAL SADDLE BRICK VENEER CONSTRUCTION @ GARAGE: " (13mm) SPACE AROUND WOOD BEAMS (O.B.C. 9.23.2.2.) REQUIRED FOR OVER HEATED SPACES: -ADD 2"x2" (38mm x 38mm) CROSS PURLINS @ 16" (400mm) O.C. FOR VENTILATION OVER JOISTS 14" X 14" MASONRY PIER TO BE CONSTRUCTED SOLID W/ PRECAST CONCRETE 1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX. HEIGHT -ADD R31 (RS1 5.46) INSULATION BETWEEN JOISTS
-ADD CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4. -REFER TO ELEVATION DRAWINGS FOR HEIGHT OF CAP. -SIZES BASED ON COLUMN SUPPORTING BEAMS CARRYING LOADS FROM NOT MORE THAN 2 WOOD FRAME FLOORS, WHERE THE LENGTHS OF JOISTS CARRIED BY SUCH -MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 15 3/4" NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE 6" X 6" POST (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING -PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER OPENINGS ADD 1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CELLING OR BEAMS DO NOT EXCEED 16'-1" (4.9m) AND THE LIVE LOAD ON ANY FLOOR DOES HEY ARE IN CONFORMANCE WITH O.B.C. 9.17.4. -ADD 5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C.-T.9.29.5.3.) BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2) STEEL PIPE COLUMN: EXTERIOR COLUMN: MIN. 6"X6" (140mm X 140mm) WOOD POST CLAD W/ DECOR. SURROUND (PER EXTERIOR FLAT ROOF ASSEMBLY: O.B.C. 9.15.3.4. & 9.17.3. -BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER ELEVATION DRAWINGS), ANCHORED TO PORCH SLAB W/ METAL SADDLE
NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE 6" X 6" ABOVE PROVIDED THAT NGLE PLY WATERPROOF ROOF MEMBRANE OR EQUIVALENT -1" (25mm) AIR SPACE -WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. -MIN. 3 1/2" (90mm) DIA. W/ 3/16" (4.76mm) WALL THICKNESS INSTALLED PER MANUFACTURER'S SPECIFICATIONS. /4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16 " X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. FOR COLD CELLARS PROVIDE THE FOLLOWING -FOR WOOD BEAMS, MIN. 4"X4"X1/4" (100mmX 100mm X 6.35mm) STEEL TOP & BTM. -3/8" EXTERIOR GRADE PLYWOOD SHEATHING ON '2" (12.7mm) GYPSUM BOARD VENTING AREA TO BE EQUIVALENT TO 0.2% OF COLD CELLAR AREA. PLATES, OR TOP PLATE TO EXTEND MIN. WIDTH OF BEAM
-ADJUSTABLE COLUMNS TO CONFORM TO CANI/CGSB-7.2-M WHERE IMPOSED LOAD NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -COVER VENT W/ BUG SCREEN -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED DD 2"x2" (38mm x 38mm) CROSS PURL**I**NS @ 16" (400mm) O.C. FOR DOES NOT EXCEED 36 KN (O.B.C. 9.17.3.4.) VENTILATION OVER JOISTS
-ADD R31 (RSI 5.46) INSULATION BETWEEN JOISTS L1+L7 FOR DOOR OPENING OR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED 2'-8" X 6'-8" EXTERIOR TYPE DOOR (MIN.R-4 RSI 0.7) -INSULATE FULL HEIGHT OF INTERIOR BASEMENT WALL W/ MIN. R12 (RSI 2.11)
STUD WALL REINFORCEMENT:
O.B.C. 9.5.2.3.
-WALL STUDS ADJACENT TO WATER CLOSETS & SHOWER BATH TUBS IN MAIN -MAX. 9'-10" (2997mm) - 34" X 34" X 16"(860mmX 860mmX 400mm) ADD CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4. $\frac{\text{REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):}}{\text{O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN)}}$ -MAX. 16'-0" (4880mm) ADD 1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR - 44" X 44" X 21"(1120mmX 1120mmX 530mm) -ADD 5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C. T.9.29.5.3.) ATHROOM ARE TO BE REINFORCED TO PERMIT THE FUTURE INSTALLATION OF GRAB FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING - 40" X 40" X 19"(1010mmX 1010mmX 480mm) - 51" X 51" X 24"(1295mmX 1295mmX 610mm) ROOF ASSEMBLIES: BARS AS PER O.B.C. 3.8.3.8.(1)(d) & 3.8.3.13.(1)(f) -ADD R15 (RSI 2.64) ABSORPTIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m. AB BARS TO BE INSTALLED AS PER O.B.C. 9.8.7.7.(2) TYPICAL ROOF: -WHERE COL. SITS ON FDN. WALL, USE 4" X 8" X 5/8" (100mmX 200mmX 16mm) STEEL PLATE WITH 2-5/8" (16mm) ANCHOR BOLTS FRAME CONSTRUCTION: REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD. -ALL FRAMING LUMBER TO BE No. 1 AND No. 2 SPF UNLESS NOTED OTHERWISE. -ROOF LOADING IS BASED ON 1.5kPa SPECIFIED COMPOSITE SNOW AND -NO. 210 (30. 5KG/m2) ASPHALT SHINGLES WOOD COLUMN: FOR ROOFS BETWEEN 4:12 & 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 X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. OR 1/2" X 5 1/2" (140mm X 140mm) SOLID WOOD COLUMN. FACE OF EXTERIOR WALL JOISTS TO HAVE MIN. 1-1/2" (38mm) END BEARING -METAL SHOE ANCHORED TO FOOTING 2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W AVES PROTECTION LAID BENEATH STARTER STRIP. -BEAMS TO HAVE MIN. 3-1/2" (89mm) END BEARING -25" X 25" X 12" (640mmX 640mmX 300mm) CONC. PAD (1 FLOOR SUPPORTED W/ DOUBLE 2" X 4" OR 2" X 6" TOP PLATES AND SINGLE BOTTOM PLATE -EAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES. DOUBLE STUDS @ OPENINGS 9'-10" COL. SPAC**I**NG) PSUM BOARD BOTH SIDES. -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) DOUBLE HEADER JOISTS AROUND FLOOR OPENINGS WHEN THEY ARE -34" X 34" X 14" (860mmX 860mmX 360mm) CONC. PAD (2 FLOORS SUPPORTED W/ BEARING STUD WALL (BASEMENT): BETWEEN 3'-11" (1200mm) AND 10'-6" (3200mm) 9 -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. OR 2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W/ -3/8" (10mm) PLYWOOD SHEATHING OR OSB (0-2 GRADE) WITH "H" CLIPS -APPROVED WOOD TRUSSES @ 24" (600mm) O.C. (REFER TO MANUFACTURER'S LAYOUT) Double trimmer joists when header joist Length is between 2'-7" (800mm) and 6'-7" BLOCK PARTY WALL BEAM END BEARING: (WOOD BEAM / GIRDER TRUSSES) $rac{1}{2}$ 2"x8"x12" Ledger board fastened w/ 2/ 1/2" anchor bolts @ 4" o.c. DBL, 2" X 4" OR 2" X 6" TOP PLATE. -BEAMS TO BE PLACED UNDER LOADBEARING WALLS WHEN WALLS ARE PARALLEL

-BEAMS TO BE PLACED UNDER LOADBEARING WALLS WHEN WALLS ARE PARALLEL TRUSS BRACING AS PER TRUSS MANUFACTURER -WHERE WOOD BEAMS BEAR ON FIREWALLS USE GENERAL NOTE 11 WHERE REQUIRED TO OBTAIN 5" SEPARATION DISTANCE 2" X 4" OR 2" X 6" BOTTOM PLATE ON DAMPPROOFING MATERIA AVESTROUGH ON PREFINISHED FASCIA AND VENTED SOFFIT (VINYL OR ALUMINUM)
ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH, 50% AT SOFFIT. 2" (12.7mm) GYPSUM BOARD BOTH SIDES. TO FLOOR JOISTS /2" (12.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.C OOTING AS PER GENERAL NOTE #2 W/ 4" CONC. CURB -BEAMS MAY BE A MAX. 24" (600mm) FROM LOADBEARING WALLS WHEN WALLS ARE PERPENDICULAR TO FLOOR JOISTS R50 (RSI 8.8) INSULATION 1) BLOCK PARTY WALL BEAM END BEARING: (STEEL BEAM)
12"X11"X 5/8" STL. PLATE ON TOP OF SOLID CONCRETE BLOCK WITH > PARTY WALL - BLOCK:
O.B.C. SB-3 WALL = B6e (STC = 57, FIRE = 2 HR) ONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4. -APPROVED METAL HANGERS TO BE USED FOR JOISTS AND BEAMS WHEN THEY FRAME INTO SIDES OF BEAMS, TRIMMERS AND HEADERS 2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR -MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE U/S OF ROOF WALL ASSEMBLIES: GYPSUM BOARD W/ TEXTURED CEILING (O.B.C. T.9.29.5.3.) -FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED MORE \ FOUNDATION WALL: VAULTED OR CATHEDRAL CEILING: THAN 15 3/4" (400mm) BEYOND SUPPORTS FOR 2" X 8" (38mm X 184mm) -FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED MORE -SPACE BETWEEN TOP OF WALL & ROOF DECK SHALL BE TIGHTLY FILLED W/ MINERAL WOOL OR O.B.C. 9.26. & TABLE A4 NONCOMBUSTIBLE MATERIAL & CAULKED TO PREVENT SMOKE PASSAGE OR WALLS NOT EXCEEDING 8'-2" (2500mm) IN LATERALLY SUPPORTED HEIGHT. " (12.7mm) GYPSUM BOARD W/ TAPED JOINTS BOTH SIDES NO. 210 (30, 5KG/m2) ASPHALT SHINGLES THAN 23 5/8" (600mm) BEYOND SUPPORTS FOR 2" X 10" (38mm X 235mm) OR LARGER. -8" (200mm) SOLID 2200psi (15MPa) CONCRETE 2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. BOTH SIDE MAX. UNSUPPORTED HEIGHT OF 3'-11" (1200mm) & MAX. SUPPORTED HEIGHT OF 7'-0" 2150mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR. BSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE CAVITY. SLOPE MIN. 2'-11" (900mm) FROM EDGE TO A LINE NOT LESS THAN 12" (300mm) PAST THE INSIDE CE OF EXTERIOR WALI WINDOWS:

-WINDOWS TO BE SEALED TO THE AIR & VAPOR BARRIER
-WINDOWS THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE SHALL HAVE 1/2" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE) -FOR WALLS NOT EXCEEDING 9'-0" (2750mm) IN LATERALLY SUPPORTED HEIGHT. -10" (250mm) SOLID 2200psi (15MPa) CONCRETE -MAX. UNSUPPORTED HEIGHT OF 4'-7" (1400mm) & MAX. SUPPORTED HEIGHT OF 8'-6" -EAVES PROTECTION LAID BENEATH STARTER STRIP. TAGGER JOISTS & BEAMS MIN. 3 1/2" (90mm) @ PARTY WALLS AS PER O.B.C. 9.10.9.9.(1) & TABLE -EAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES OR WHERE ROOF SLOPES ARE 8:12 AN OVERALL COEFFICIENT OF HEAT TRANSFER OF 600mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR. PARTY WALL - BLOCK (AGAINST GARAGE):
O.B.C. SB-3 WALL = B5c (STC = 51, FIRE = 2 HR -STARTER STRIP AS PER O.B.C. 9.26.7.2 ITERAL SUPPORT PROVIDED BY ANCHORED SILL PLATE TO JOISTS -AN ENERGY RATING OF NOT LESS THAN 21 FOR OPERABLE WINDOWS & -STARTER 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. -FOR CONDITIONS EXCEEDING THESE MAXIMUMS AN ALTERNATIVE I N. 1HR FIRE-RESISTANCE RATING CONTINUOUS 31 FOR FIXED WINDOWS ONFORMANCE TO O.B.C.- T.9.15.4.1 SHALL BE USED OR IT SHALL BE DESIGNED BASEMENT WINDOWS WITH LOAD BEARING STRUCTURAL FRAME SHALL -2"x8" (38mm x 184mm) @ 16" O.C. W/ 2"x2" (38mm x 38mm) CROSS PURLINS @ 24" O.C. MAX. SPAN 1/2" (12.7mm) GYPSUM BOARD CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4. -2" X 4" (38mmX 89mm) WOOD STRAPPING @ 16" (400mm) O.C. BE DOUBLE GLAZED WITH LOW-E COATING -WALL SHALL EXTEND A MIN. 5 7/8" (150mm) ABOVE GRADE -2"x10" (38mm x 235mm) @ 16" O.C. W/ 2"x2" (38mm x 38mm) CROSS PURLINS @ 24" O.C. MAX. SPAN SKYLIGHTS SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF -INSULATE W/ R12 (RSI 2.11) FROM UNDERSIDE OF SUBFLOOR TO NOT -R20 (RSI 3.52) RIGID INSULATION MORE THAN 8" (200mm) ABOVE FINISHED FLOOR OF BASEMENT /2" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE) 31 (RSI 5.46) INSULATION ADDITIONAL COMPLIANCE ALTERNATIVES FOR PACKAGE J.

THE MINIMUM R TRSII VALUE FOR THERMAL INSULATION IN EXPOSED ABOVE -MIN. 3" CLEARANCE FROM U/S OF ROOF SHEATHING TO INSULATION '2" (12.7mm) GYPSUM BOARD @ WALL & U/S OF CEILING BETWEEN HOUSE AND GARAGE BACK FILL W/ NON-FROST SUSCEPTIBLE SOIL TAPE AND SEAL ALL JOINTS GAS TIGHT CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE WITHO.B.C. 9.25.3. & 9.25.4. Grade walls is permitted to be no less than R20 (RSI 3.52) provided; that REDUCTION OF THICKNESS: 2" (12.7mm) GYPSUM BOARD THE WINDOWS AND SLIDING GLASS DOORS HAVE A MAXIMUM U-VALUE OF 1.6. LATION VALUES PROVIDED BY CAN/CSA-F280-M90 O.B.C. TABLE A6 OR A7 -WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO ALLOW OR THE THERMAL INSULATION VALUE IN BASEMENT WALLS HAS A MINIMUM -RIGID INSULATION = MASONRY FACING, THE MIN. REDUCED THICKNESS SHALL NOT BE LESS THAN 3-1/2" LOW DENSITY CONCRETE BLOCK = 1.70 -2" X 6" (38mm X 140mm) RAFTERS @ 16" (400mm) O.C. MAX. SPAN 12-9" (3890mm) -2"X4" (38mm X 89mm) COLLAR TIES AT MIDSPANS E TO FACING MATERIAL WITH METAL TIES SPACED MAX. @ 7 7/8" (200mm) VERTICALLY WHERE BLOWN-IN INSULATION OR SPRAY-APPLIED FOAM INSULATION IS USED. THE MINIMUM R (RSI) VALUE FOR THERMAL INSULATION IN EXPOSED ABOVE GRADE WALLS IS PERMITTED TO BE NO LESS THAN R20 (RSI 3.52) PROVIDED THAT: -CEILING JOISTS TO BE 2" X 6" (38mmX 140mm) @ 16" (400mm) O.C. UNLESS OTHERWISE NOTED. -AIR FILM - MOVING =).C. & 2'-11" (900mm) HORIZONTALLY. HIP & VALLEY RAFTERS TO BE MIN. 2" (50mm) LARGER THAN COMMON RAFTERS & MIN. 1 1/2" (38mm) -FILL SPACE BETWEEN WALL AND FACING SOLID W/ MORTAR
-WHERE WALL IS REDUCED FOR JOISTS, THE REDUCED THICKNESS SHALL BE MAX. 13-3/4" AIR FILM - STILL = 0.17
OTAL "R" VALUE = 25.27 a) THE THERMAL INSULATION VALUE IN A CEILING WITH AN ATTIC SPACE IS REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) 350mm) HIGH & MIN. 3-1/2" (90mm) THICK AMPPROOFING & WATERPROOFING: NOT LESS THAN R60 (RSI 10.55), b) THE MINIMUM EFFICIENCY OF THE *HRV* IS INCREASED BY NOT LESS THAN 8 PERCENTAGE 34 ATTIC ACCESS HATCH: FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE DAMPPROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C. 9.13.2. C) THE MINIMUM AFUE OF THE SPACE HEATING EQUIPMENT IS INCREASED BY -WHERE INSULATION EXTENDS TO MORE THAN 4-9" (1450mm) BELOW GRADE, A FDN. WALL DRAINAGE LAYER SHALL BE PROVIDED IN CONFORMANCE TO O.B.C. 9.14.2.1.(2) (3) (4) -19 3/4" X 27 1/2" (500mm X 700mm) ATTIC HATCH WITH WEATHERSTRIPPING & BACKED W/ D 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16. NOT LESS THAN 2 PERCENTAGE POINTS, BETWEEN RIGID INSULATION AND WOOD STUD d) THE MINIMUM EF OF THE DOMESTIC HOT -FINISHED BASEMENTS SHALL HAVE INTERIOR DAMPPROOFING EXTENDING FROM SLAB TO GRADE PRIVATE STAIRS:
O.B.C. 9.8.4.

-MAX. RISE REPLACE R14 (RSI 2.46) INSULATION WITH R14 (RSI 2.46) ABSORPTIVE INSULATING VATER HEATER IS INCREASED BY NOT LESS THAN 4 MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m. PERCENTAGE POINTS. WHERE HYDROSTATIC PRESSURE OCCURS, FDN. WALLS SHALL BE WATERPROOFED AS PER O.B.C. -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD. REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE): REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE -MIN. TREAD = 9-1/4" (235mm) \ FOUNDATION WALLS @ UNSUPPORTED OPENINGS: 20M BARS IN TOP PORTION OF WALL (UP TO 8'-0" OPENING NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S -3-20M BARS IN TOP PORTION OF WALL (8'-0" TO 10'-0" OPENING -MIN. HEADROOM = 6'-5" (1950mm SPECIFICATIONS). OR AIN, WIDTH = 2'-10" (860mm) (BETWEEN WALL FACES) -4-20M BARS IN TOP PORTION OF WALL (10'-0" TO 15'-0" OPENING VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER SHEATHING PAPER OVER 1/2" (12.7mm) -BARS STACKED VERTICALLY AT INTERIOR FACE OF WALL. GYPSUM EXTERIOR SHEATHING ON EXTERIOR SIDE OF RIGID INSULATION -BARS TO HAVE MIN. 2" (50mm) CONCRETE COVER -BARS TO EXTEND 2"-0" (600mm) BEYOND BOTH SIDES OF OPENING. (EXIT STAIRS, BETWEEN GUARDS) NGLED TREADS: O.B.C. 9.10.11. & 3.1.10. & SB-3 WALL = B6e (STC = 57, FIRE = 2 HR) FRAME WALL CONSTRUCTION: E FIREWALL IS REQUIRED FOR EVERY 6460 S.F. (600 SQ.M) OF BUILDING AREA, O.B.C. T.3.2.2.47. -MIN, AVG, RUN = 7 7/8" (200mm) (2" (12,7mm) GYPSUM BOARD W/ TAPED JOINTS -FINISHED RAILING ON WOOD PICKETS MAX, 4" BETWEEN PICKETS -SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. -2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. ON BOTH SIDES OF WALL -SOUND ABSORPTIVE MATERIAL EACH SIDE FILLING 90% OF THE CAVITY EXTERIOR CONC. STEPS TO HAVE MIN. 9 1/4" (235mm) TREAD & -WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. MAX. 7 7/8" (200mm) RISE 7 1/2" (190mm) CONC. BLOCK, MIN. 2 HR. FIRE-RESISTANT RATING EVERY FIREWALL SHALL BE CONTINUOUS THROUGH ALL BUILDING STOREYS FOUND. WALL REQUIRED WHEN NUMBER OF RISERS EXCEEDS 2 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16. TG. FOR FOUND. WALL TO BE MIN. 4'-0" (1220mm) BELOW GRADE ANDRAILS: O.B.C. 9.8.7 STAGGER JOISTS & BEAMS MIN. 5" (130mm) @ FIRE WALLS AS PER -MIN. R22 (RSI 3.87) INSULATION (ZONE 1. O.B.C. T.2.1.1.2.A O.B.C. 9.10.9.9.(1) & TABLE 2.1.1 SB-2
-ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1) ONE HANDRAIL REQUIRED WHERE STAIR WIDTH IS LESS THAN 3'-7" (1100mm ONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4.. 2" (12.7mm) GYPSUM BOARD -TWO HANDRAILS REQUIRED WHERE STAIR WIDTH EXCEEDS 3-'7" (1 100mm PROTRUDE PAST FASCIA @ FAVES W/ BRICK CORRELLING -ONE HANDRAIL IS REQUIRED ON CURVED STAIRS OF ANY WIDTH WITHIN DWELLING UNITS NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = EXTEND 5 7/8" (150mm) ABOVE ROOF SURFACES & HAVE ALUMINUM CAP W/ THROUGH WALL FLASHING HANDRAILS ARE TO BE CONTINUOUS EXCEPT WHERE INTERRUPTED BY DOOR WAYS, LANDINGS OR OR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED POSTS AT CHANGES IN DIRECTION VHERE THE DIFFERENCE IN HEIGHT BETWEEN ADJACENT ROOFS IS GREATER THAN 9'10" (3m), WALL NEED NOT EXTEND PAST UPPER ROOF SURFACE PER O.B.C. 3.1.10.4.(2) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE THE FOLLOWING MATERIALS:
-REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE INSULATING MATERIAL WITH A M 200 PARTY WALL - FOUNDATION: - 3'-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS MEASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO A STRAIGHT LINE DRAWN FROM THE OF AT LEAST 4.8 kg/ sq.m.
-REPLACE 1/2" (12.7mm) INTERIOR GYPSUM BOARD WITH 1/2" (12.7mm) TYPE 'X' GYPSUM BOARD. TANGENT TO THE TREAD NOSING 7/8" (200mm) SOLID CONC. FOUNDATION WALL @ 2200psi (15MPa) COMPRESSIVE PROJECTIONS: O.B.C. 9.8.7.6

-HANDRAILS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP STRINGERS TO PROJECT A STRENGTH AFTER 28 DAYS REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE): MAXIMUM OF 4" (100mm) INTO THE REQUIRED WIDTH OF THE STAIR PARTY WALL - WOOD STUD: PUBLIC STAIRS: REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE O.B.C. SB-3 WALL = W13a (STC = 57, FIRE = 1 HR) non-combustable siding or stucco as per elevations (refer to manufacturer's -MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE U/S OF ROOF = 9" (230mm) -MIN. RUN = 9-7/8" (250mm) = 1" (25mm)

**INYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER 1/2" (12.7mm) GYPSUM EXTERIOR HEATHING WHICH REPLACES EXTERIOR PLYWOOD OR EQUIV.

SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C.

-1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. 9.27.3.4.)

ALTERNATE FRAME WALL CONSTRUCTION:

-2 ROWS 2"X4"(38mmX 89mm) STUDS @ 16"(400mm) O.C. W/ SEPARATE

-ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1

2" X 4" (38mmX 89mm) BOTTOM PLATE & SEPARATE DOUBLE 2" X 4" (38mmX 89mm) TOP PLATES

SOUND ABSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE CAVITY.

8" (16mm) TYPE 'X' GYPSUM BOARD BOTH SIDES W/ JOINTS TAPED & FILLED.

-MIN. HEADROOM

(EXIT STAIRS, BETWEEN GUARDS)

FINISHED RAILING ON WOOD PICKETS MAX, 4" BETWEEN PICKETS

-FOUND. WALL REQUIRED WHEN NUMBER OF RISERS EXCEEDS 2

EXTERIOR CONC. STEPS TO HAVE MIN. 9 7/8" (250mm) TREAD & MAX. 7 7/8" (200mm) RISE

REVISED: NOVEMBER 21, 2013 - RN STAFF

IN ACCORDANCE TO SB-12 COMPLIANCE

◆ CLIENT SPECIFIC REVISIONS

-MIN. WIDTH

SCHEDULES DOORS (46)(47) -WOOD BEAMS--STEEL BEAMS-865x2030x45 (2'10"x6'8"x1-3/4") WD1 3/ 2" X 8" SPR WD7 3/ 2" X 12" SPR 2/ 2" X 8" SPR L12 4-7/8" X 3-1/2" X 1/2" L ST1 W 6 X 15 B 815x2030x35 (2'8"x6'8"x1-3/8") WD2 4/ 2" X 8" SPR WD8 4/ 2" X 12" SPR L3 2/ 2" X 10" SPR L13 5-7/8" X 3-1/2" X 3/8" L ST2 W 6 X 20 760x2030x35 (2'6"x6'8"x1-3/8") WD3 5/ 2" X 8" SPR WD9 5/ 2" X 12" SPR 2/ 2" X 12" SPR L14 5-7/8" X 3-1/2" X 1/2" L ST3 W 8 X 18 D 710x2030x35 (2'4"x6'8"x1-3/8") WD4 3/ 2" X 10" SPR 3-1/2" X 3-1/2" X 1/4" L L15 5-7/8" X 4" X 1/2" L ST4 W 8 X 21 4" X 3-1/2" X 1/4" L L16 7-1/8" X 4" X 3/8" L = 460x2030x35 (1'6"x6'8"x1-3/8") WD5 4/ 2" X 10" SPR ST5 W 8 X 24 L9 F 610x2030x35 (2'0"x6'8"x1-3/8") WD6 5/ 2" X 10" SPR L10 4-7/8" X 3-1/2" X 5/16" L L17 7-1/8" X 4" X 1/2" L L11 4-7/8" X 3-1/2" X 3/8" L



I, NATALIE PANDOLFI DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD, 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 / QUALIFIED DESIGNER BCIN: 26995 SEPT. 26/14

SIGNATURE:

26-Sep-14 jr np

date dwn chk

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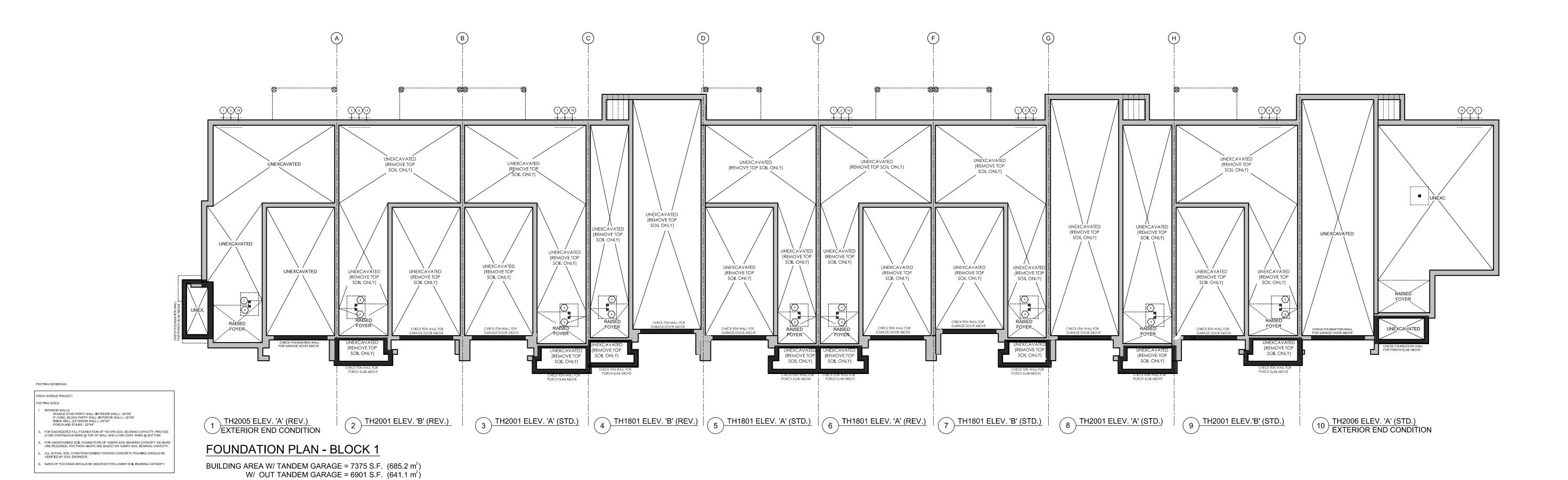
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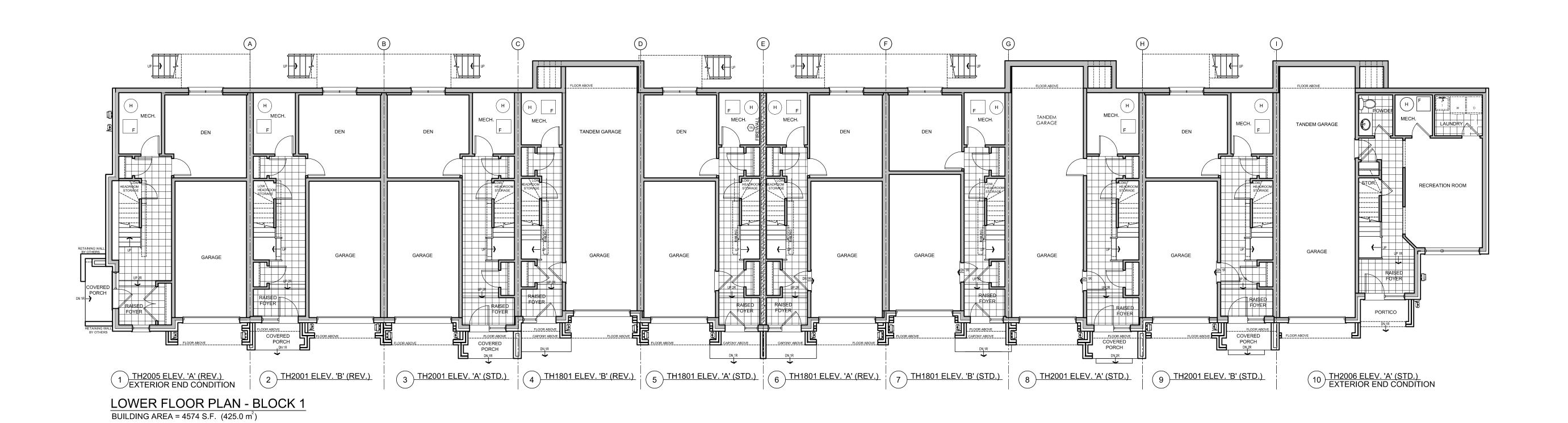
revisions

ISSUED FOR CLIENT REVIEW

CONSTRUCTION NOTES

11097





RN design Imagine - Inspire - Create I, NATALIE PANDOLFI DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD, 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.

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FIRM BCIN:
DATE: 41549 26995 SEPT. 26/14

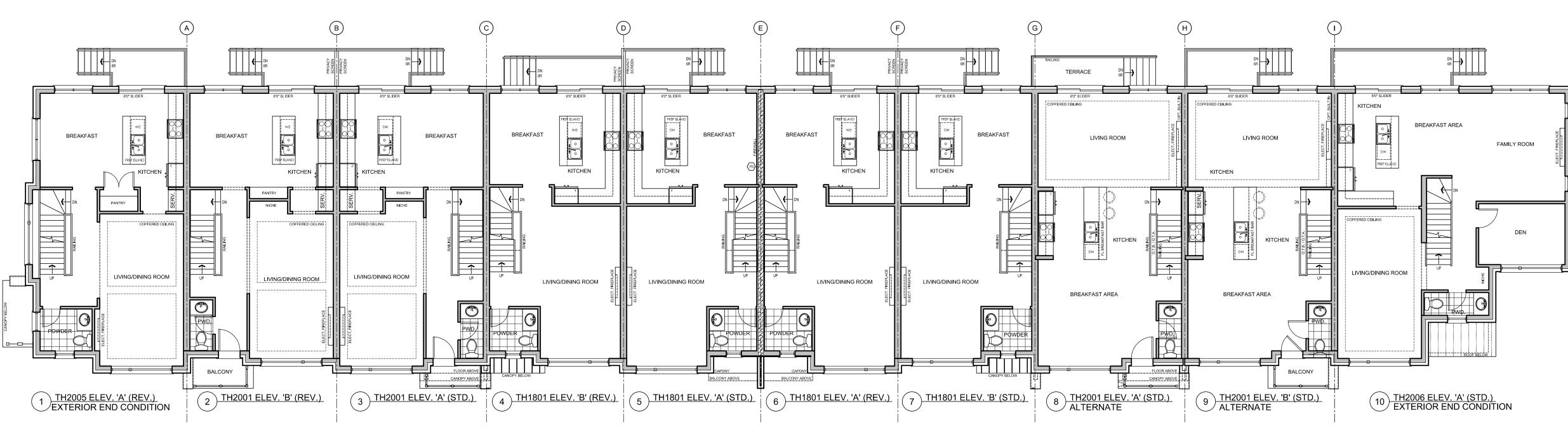
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2	REVISED AS PER CLIENT COMMENT	22/09/2014	PV	- 1				
3	ISSUED FOR FINAL	26-Sep-14	jr	ı				
4	REV. PER SURVEYOR COMMENTS	5-Nov-15	np	-				
5	REVISED AS PER SITE COORDINATION	25-Nov-15	PV					
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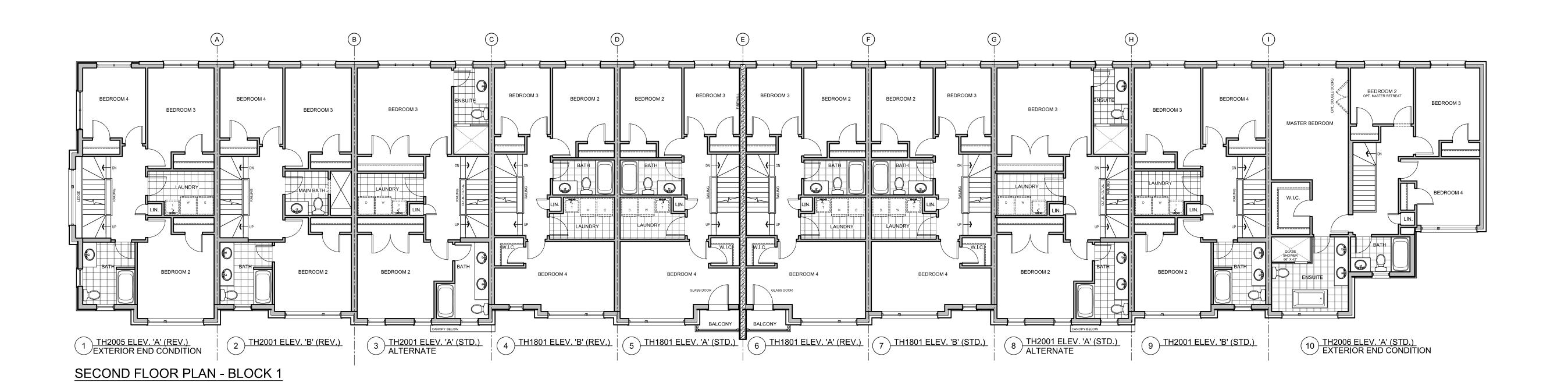
BLOCK 1

1/8" = 1'0"

A1



FIRST FLOOR PLAN - BLOCK 1



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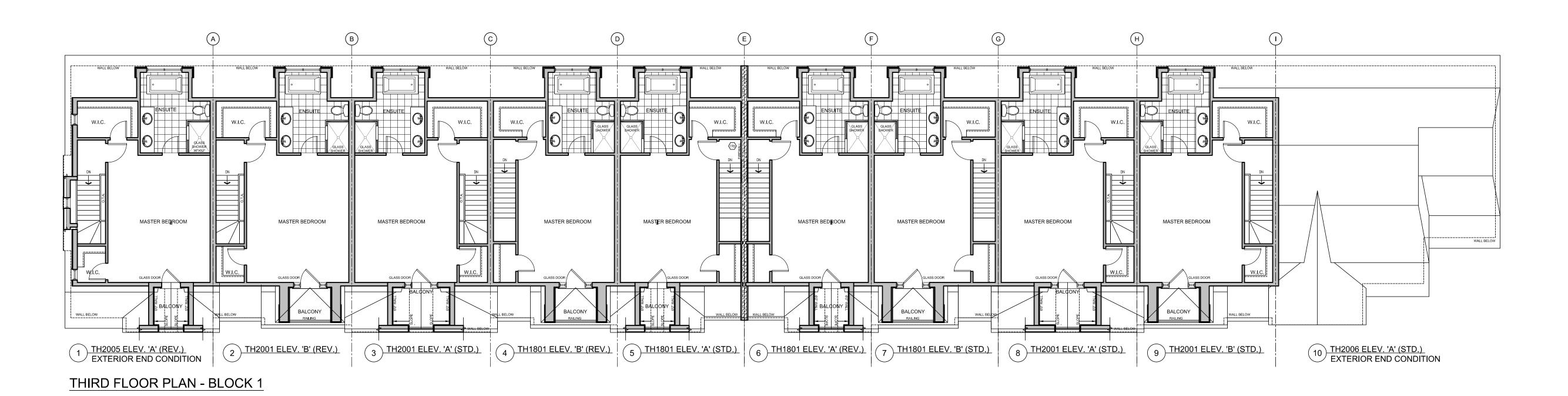
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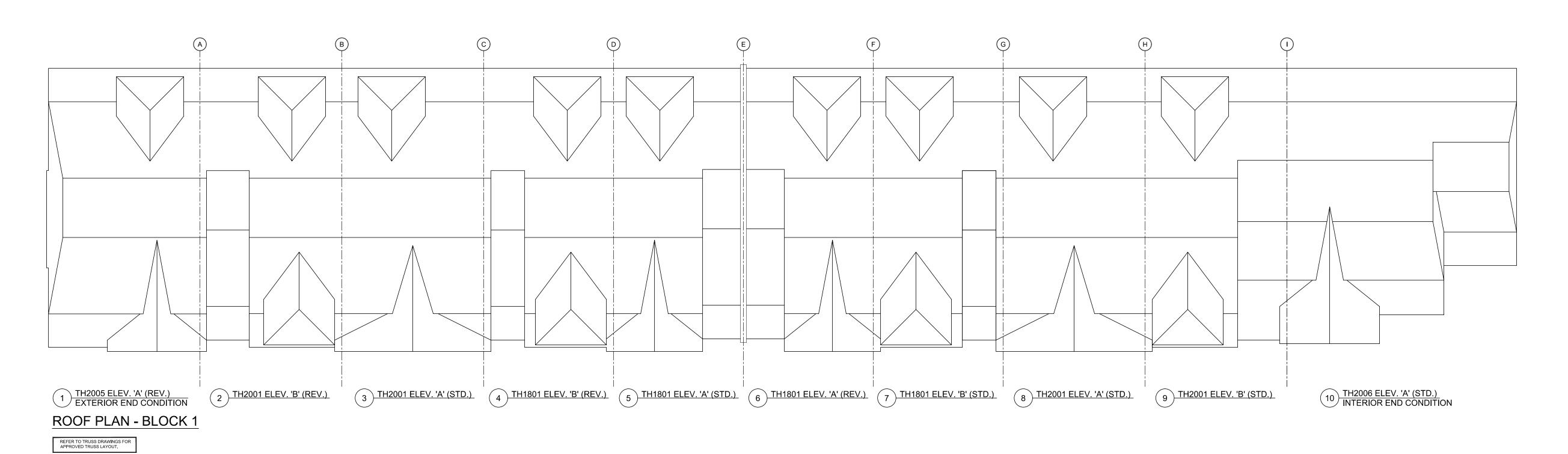
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1/8" = 1'0"

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DATE: SEPT. 26/14





ALL CONVENTIONAL ROOF FRAMING TO CONFORM TO PART 9 OF THE OBC. ROOF RAFTERS THAT MEET OR CROSS OVER TRUSSES ARE TO BE 2"X4" SPF @ 24" o.c. WITH A 2"X4" SPF VERTICAL POST TO THE TRUSS UNDER. AT EACH CROSS POINT. POSTS LONGER THAN 6" TO BE LATERALLY BRACED SO THAT THE DISTANCE BETWEEN END POINTS & BETWEEN ROWS OF BRACING DOES NOT EXCEED 6".

revisions date awn crik

ISSUED FOR CLIENT REVIEW 01/04/2014 jr np

REVISED AS PER CLIENT COMMENT 22/09/2014 PV NP

ISSUED FOR FINAL 26-Sep-14 jr np

REVISED AS PER SITE COORDINATION 25-Nov-15 PV jr

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BLOCK 1

1/8" = 1'0"

A3

I, NATALIE PANDOLFI 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.

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	3	ISSUED FOR FINAL
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Imagine > Inspire > Create

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41549 26995 SEPT. 26/14

AND THE FIRM IS REGISTERED CATEGORIES.

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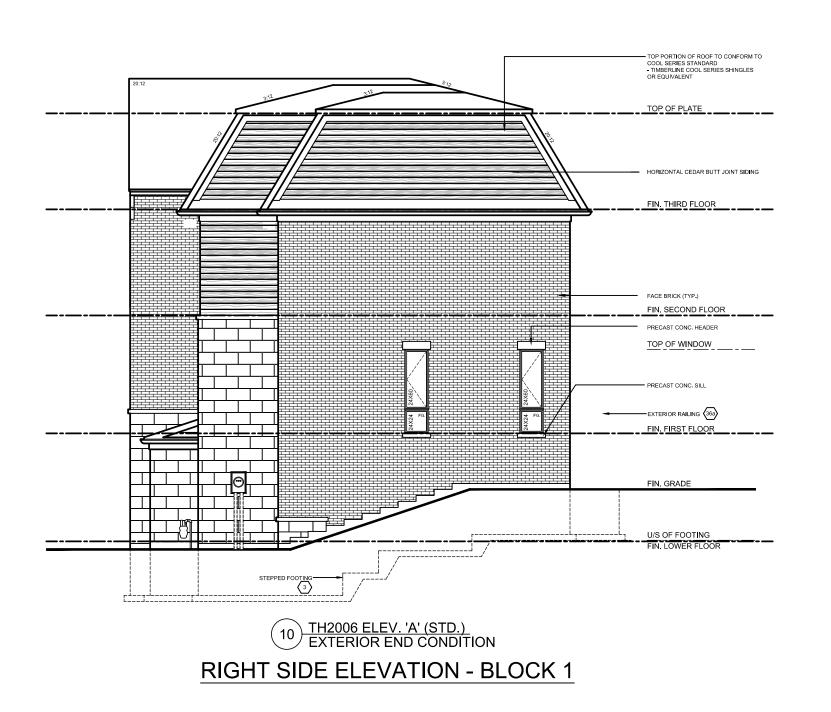
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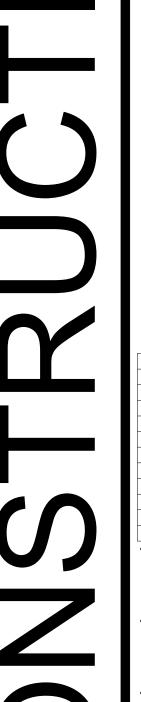
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A4

1/8" = 1'0"







#	revisions	date	dwn				
1	ISSUED FOR CLIENT REVIEW	01/04/2014	jr				
2	REVISED AS PER CLIENT COMMENT	22/09/2014	PV				
3	ISSUED FOR FINAL	26-Sep-14	jr				
4	REVISED AS PER SITE COORDINATION	25-Nov-15	PV				
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FIRM BCIN: 26995
DATE: SEPT. 26/14

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BLOCK 1

A5