108 STORAGE

J.L.Richards

Project No. 27376-02 March 2018

154 STORAGE SECOND LEVEL 201 WEST STAIR 202 WATER CLOSET 203 OFFICE 204 CLASSROOM 205 OFFICE 206 ADMINISTRATION 207 OFFICE 208 WATER CLOSET 209 EAST STAIR 210 ELEVATOR LOBBY 211 MECHANICAL 212 CORRIDOR 213 CLASSROOM 214 CLASSROOM 215 CLASSROOM THIRD LEVEL 301 WEST STAIR 302 WATER CLOSET 303 OFFICE 304 CONFERENCE ROOM 305 CLASSROOM 306 WATER CLOSET 307 OFFICE 308 EAST STAIR 309 ELEVATOR LOBBY 310 CORRIDOR 311 ELECTRICAL 312 OFFICE 313 OFFICE 314 OFFICE 315 CLASSROOM 316 CLASSROOM 317 OFFICE 318 OFFICE ATTIC LEVEL MECHANICAL UNITS J.L.Richards

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153 STORAGE 2.4 FIRE ALARM [3.2.4] [3.2.5.17] 6.0 SERVICE FACILITIES [3.6] OCCUPANT LOAD MALES MAIN FLOOR (230/230) CHILD CARE (50) SECOND FLOOR (75/75) THIRD FLOOR (75/75) Project No. 27376-02 J.L.Richards March 2018

Page 3 Ottawa, Ontario 152 EAST STAIR .4 NO BUILDING FACE IS REQUIRED TO HAVE A FRR. .1 A FIRE ALARM IS REQUIRED AND WILL BE PROVIDED FOR THE BUILDING. 2.5 PROVISIONS FOR FIRE FIGHTING [3.2.5] .1 THE BUILDING IS SPRINKLERED. [3.2.2.80] .2 ACCESS TO ABOVE GRADE STOREYS IS PROVIDED. [3.2.5.1] .4 THE BUILDING IS NOT MORE THAN 3 STOREYS; ROOF ACCESS IS NOT REQUIRED [3.2.5.3] .7 THE ACCESS ROUTE IS DESIGNED IN ACCORDANCE WITH OBC 3.2.5.6 "ACCESS ROUTE DESIGN". NOTE: A PORTION OF THE FIRE ROUTE IS EXISTING ASPHALT. .11 EMERGENCY LIGHTING WILL BE PROVIDED. [3.2.7.3] BY A FIRE SEPARATION HAVING AN FRR OF 1 HOUR. [3.6.2.1.(1)] 7.0 HEALTH REQUIREMENTS [3.7] # OF WC # OF WC # OF LAV **FEMALES** 5 (10 PROVIDED) 9 (10 PROVIDED) 5 TOTAL (6 PROVIDED) 2 (3 PROVIDED) 3 (3 PROVIDED) 2 (3 PROVIDED) 3 (3 PROVIDED) .2 THERE IS ONE (1) UNIVERSAL WASHROOM PROVIDED. 8.0 BARRIER FREE DESIGN [3.8]

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Maison De La Francoponie D'Ottawa **OBC** Review Ottawa, Ontario Page 2 109 STORAGE 110 CHANGE ROOM 111 SOUTH ENTRANCE 112 VESTIBULE 113 SLEEP AREA 114 DAYCARE 115 STORAGE 116 OFFICE 117 WATER CLOSET 118 WATER CLOSET 119 WATER CLOSET 120 KITCHENETTE 121 EMPLOYEE AREA 122 CORRIDOR 123 DAYCARE 124 STORAGE 125 WAITING AREA 126 OFFICE 127 WATER CLOSET 128 OFFICE 129 STAIR #2 130 JANITOR ROOM 131 UNIVERSAL WASHROOM 132 WOMEN'S WASHROOM 133 CORRIDOR 134 MEN'S WASHROOM 135 STAIR #1 136 KITCHENETTE 137 MECHANICAL 138 IT ROOM 139 WEST STAIR 140 COMMUNITY CENTRE 140a STORAGE 141 WEST ENTRANCE 142 WATER CLOSET 143 WATER CLOSET 144 COMMUNITY CENTRE 145 OFFICE 146 OFFICE 147 IT ROOM 148 OFFICE 149 MECH. / ELEC. ROOM 150 EAST ENTRANCE 151 MECH. ROOM

2.0 BUILDING FIRE SAFETY [3.2] 2.1 OCCUPANCY CLASSIFICATION .1 MAJOR OCCUPANCY: 21,716 ft² (2,017 m²) .3 BUILDING AREA: THREE (3) STOREY ABOVE GRADE .4 BUILDING HEIGHT: ONE (1) STOREY BELOW GRADE .5 GROUND FLOOR AREA: 21,716 ft² (2,017 m²) .6 MEZZANINE AREA: .7 GROSS BUILDING AREA: 34,950 ft² (3,247 m²) .8 # OF STREETS FACING: TWO (2) .9 OBC CLASSIFICATION: SPRINKLERED [3.2.2.24] .10 MAX PERMITTED BDG. AREA: N/A 2.2 BUILDING SIZE AND CONSTRUCTION RELATIVE TO OCCUPANCY .1 CONSTRUCTION REQUIRED: NON-COMBUSTIBLE .2 PROPOSED CONSTRUCTION: CONSTRUCTION: NON-COMBUSTIBLE ROOF ASSEMBLY: N/A REQUIRED. SPRINKLERS: NO MEZZANINE IS PROPOSED WITHIN THE BUILDING FLOOR ASSEMBLY: 1 HOUR. LOAD BEARING COMPONENTS: SUPPORTED ASSEMBLY. 2.3 SPACIAL SEPARATION & EXPOSURE PROTECTION [3.2.3] OPENINGS IN THE EXTERIOR WALLS OF THE BUILDING. [3.2.3.13] .2 NO OPENINGS IN EXTERIOR WALL OF A FIRE COMPARTMENT WILL BE EXPOSED TO OPENINGS IN THE EXTERIOR WALLS OF ANOTHER FIRE COMPARTMENT. PERMITTED TO BE 100% UNPROTECTED.

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GROUP A, DIVISION 2 – ASSEMBLY OCCUPANCY GROUP A, DIVISON 2, UP TO 6 STOREYS, ANY AREA, NOT LESS THAN THE REQUIRED .1 EXTERIOR WALLS OF EXIT ENCLOSURES WILL NOT BE EXPOSED TO FIRE FROM .3 BASED ON THE LIMITING DISTANCES IN DIV.B, TABLE 3.2.3.1.b, THE AREAS OF UNPROTECTED OPENINGS PERMITTED IN THE EXPOSING BUILDING FACES ARE

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.1 TWO (2) PEDESTRIAN ENTRANCES TO THE BUILDING ARE REQUIRED TO BE BARRIER

.2 ALL EXTERIOR SIDEWALKS ARE DESIGNED IN CONFORMANCE WITH OBC 3.8.3.2 "EXTERIOR WALKS".

.3 DOOR OPERATORS ARE PROVIDED ON TWO (2) PEDESTRIAN ENTRANCES. [3.8.3.3.(4)] .4 BARRIER FREE WATER CLOSET STALLS ARE DESIGNED IN ACCORDANCE WITH OBC

.5 UNIVERSAL WASHROOM IS DESIGNED IN ACCORDANCE WITH OBC 3.3.3.12.

J.L.Richards

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PROJECT: MAISON DE LA FRANCOPHONIE D'OTTAWA

2720 RICHMOND ROAD, OTTAWA

ONTARIO BUILDING CODE REVIEW

DESIGN: SD RAWING #: DRAWN: MM CHECKED: SD A04 JLR #: 27672-001

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.3 DIRECT ACCESS TO THE BASEMENT FROM ONE STREET IS NOT REQUIRED [3.2.5.2.(1)]

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.5 THE BUILDING IS GREATER THAN 600 m²; THERE IS A DESIGNATED ACCESS ROUTE FOR FIRE DEPARTMENT VEHICLES TO THE PRINCIPAL ENTRANCE OF THE BUILDING. [3.2.5.4] .6 ACCESS ROUTE IS 11.5m FROM THE PRINCIPAL ENTRANCE. [3.2.5.5]

.8 AN ADEQUATE WATER SUPPLY FOR FIREFIGHTING IS PROVIDED. [3.2.5.7] .9 PORTABLE FIRE EXTINGUISHERS WILL BE PROVIDED AS PER PART 6 OF THE FIRE CODE.

.12 A STANDPIPE SYSTEM IS NOT REQUIRED TO BE INSTALLED IN THE BUILDING. [3.2.9]

.1 MECHANICAL ROOM SHALL BE SEPARATED FROM THE REMAINDER OF THE BUILDING

.1 TOILET FIXTURES REQUIRED FOR THE BUILDING ARE AS FOLLOWS [3.7.4.3.(15)] & [3.7.4.2.(5)]:

OF LAV **FEMALES** MALES 3 (7 PROVIDED) 5 (7 PROVIDED) 5 TOTAL (6 PROVIDED) 1 (2 PROVIDED) 2 (2 PROVIDED) 1 (2 PROVIDED) 2 (2 PROVIDED)

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VERIFY SHEET SIZE AND SCALES. BAR TO THE RIGHT IS 1" IF THIS IS A FULL SIZE DRAWING.

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