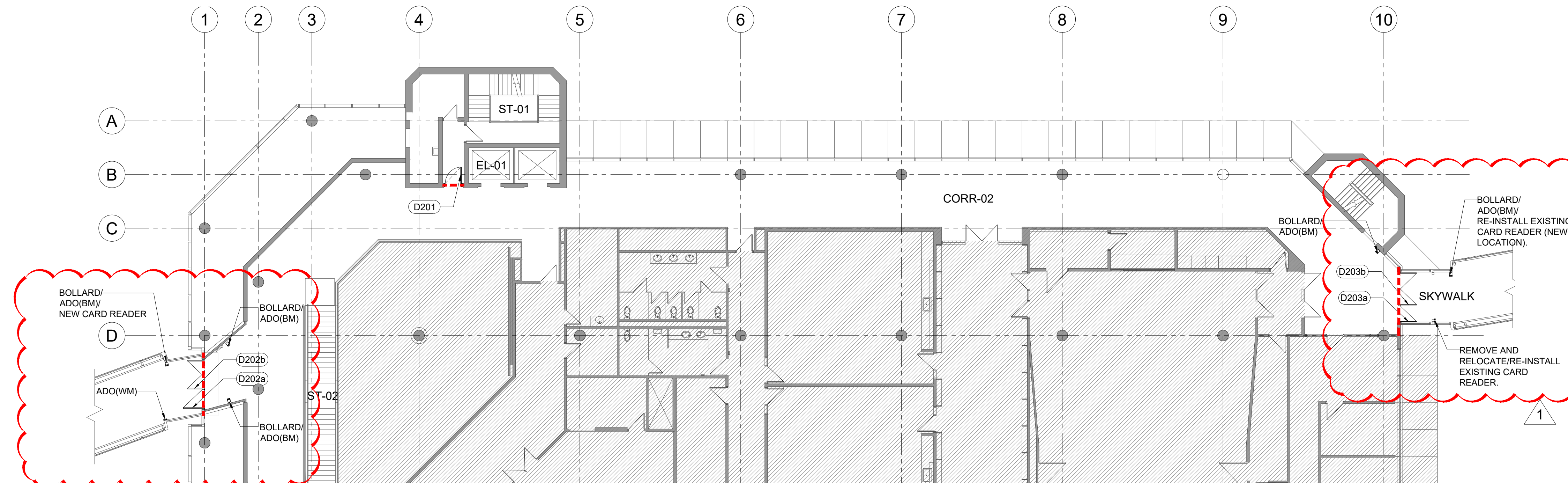
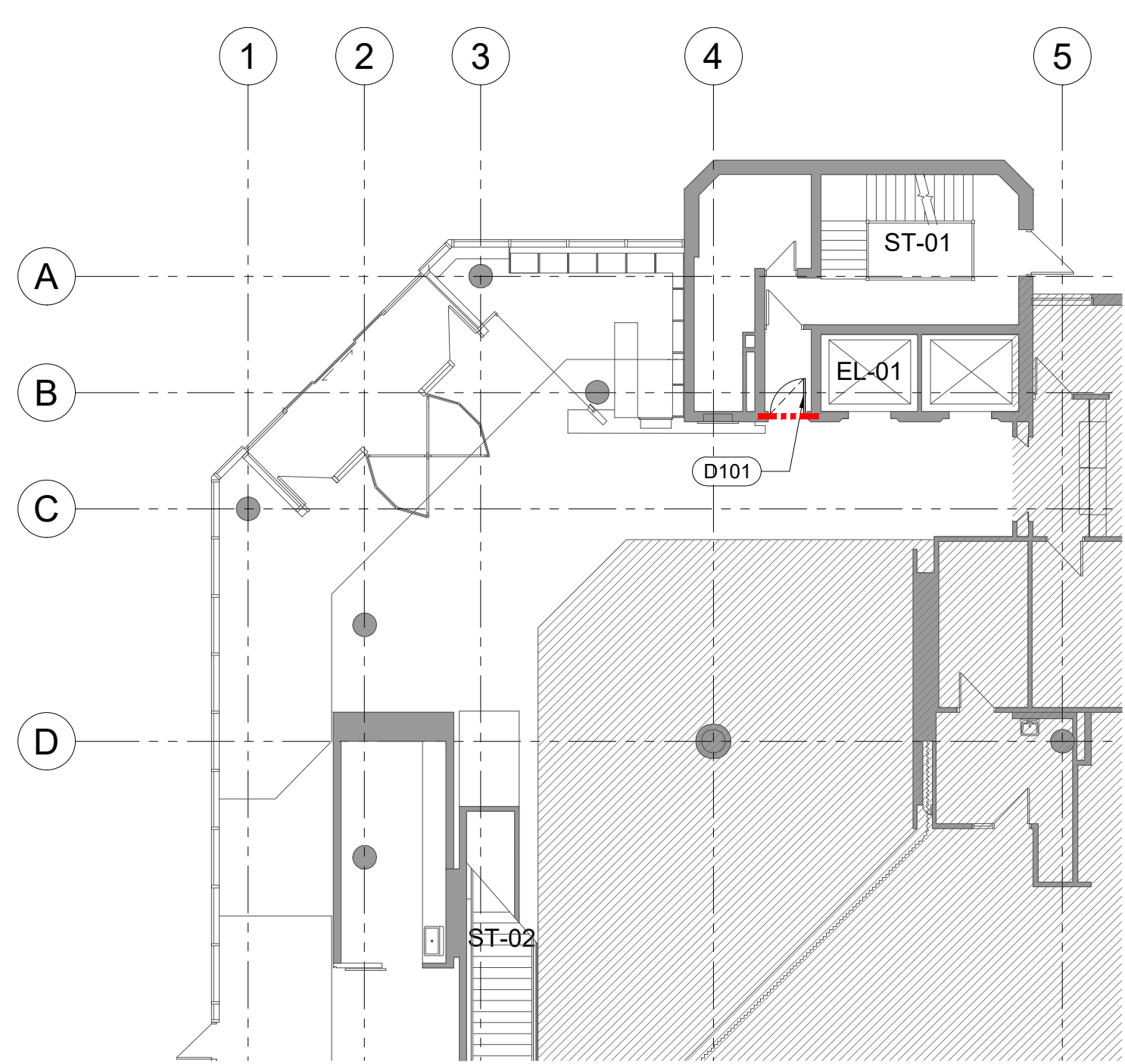


**3 PARTIAL SECOND FLOOR PLAN (266 GRAHAM AVE)**  
A2.0 SCALE 1:150



**2 PARTIAL SECOND FLOOR PLAN (251 DONALD ST)**  
A2.0 SCALE 1:150



**1 PARTIAL FIRST FLOOR PLAN (251 DONALD ST)**  
A2.0 SCALE 1:150

**CODE REVIEW**

- PROJECT**  
- CITY OF WINNIPEG SKYWALK ACCESSIBILITY UPGRADES - MILLENNIUM LIBRARY AND 266 GRAHAM BUILDING
- OCCUPANCY CLASSIFICATION**  
- GROUP D, BUSINESS AND PERSONAL SERVICES OCCUPANCIES; EXISTING TO REMAIN.
- GLAZING IN FIRE EXITS**  
- 3.1.8.16 AREA LIMITS FOR WIRED GLASS AND GLASS BLOCK  
1. EXCEPT AS PERMITTED BY ARTICLE 3.1.8.17., THE MAXIMUM AREA OF WIRED GLASS IN A DOOR USED IN THE LOCATIONS SHOWN IN TABLE 3.1.8.15. SHALL CONFORM TO THE TABLE. (SEE APPENDIX A.)  
- MAX AREA OF 0.0645 SQ.M (100 SQ.IN); EXISTING TO REMAIN.  
2. EXCEPT AS PERMITTED BY ARTICLE 3.1.8.17., THE MAXIMUM AREA OF GLASS BLOCK AND WIRED GLASS PANELS NOT IN A DOOR, USED IN THE LOCATIONS SHOWN IN TABLE 3.1.8.15., SHALL CONFORM TO THE TABLE.  
- MAX AREA OF 0.0645 SQ.M; EXISTING TO REMAIN.
- SKYWALKS / PEDESTRIAN BRIDGES**  
3.2.3.19 WALKWAY BETWEEN BUILDINGS  
1. EXCEPT AS REQUIRED BY SENTENCE 3.2.3.20(2), IF BUILDINGS ARE CONNECTED BY A WALKWAY, EACH BUILDING SHALL BE SEPARATED FROM THE WALKWAY BY A FIRE SEPARATION WITH A FIRE-RESISTANCE RATING NOT LESS THAN 45 MIN.  
2. EXCEPT AS PERMITTED BY SENTENCE (3), A WALKWAY CONNECTED TO A BUILDING REQUIRED TO BE OF NONCOMBUSTIBLE CONSTRUCTION SHALL ALSO BE OF NONCOMBUSTIBLE CONSTRUCTION.  
3. A WALKWAY CONNECTED TO A BUILDING REQUIRED TO BE OF NONCOMBUSTIBLE CONSTRUCTION IS PERMITTED TO BE OF HEAVY TIMBER CONSTRUCTION PROVIDED NOT LESS THAN 50% OF THE AREA OF ANY ENCLOSING PERIMETER WALLS IS OPEN TO THE OUTDOORS, AND THE WALKWAY IS AT GROUND LEVEL.  
4. A WALKWAY OF NONCOMBUSTIBLE CONSTRUCTION USED ONLY AS A PEDESTRIAN THROUGHFARE NEED NOT CONFORM TO THE REQUIREMENTS OF ARTICLES 3.2.3.14. AND 3.2.3.15.  
5. A WALKWAY BETWEEN BUILDINGS SHALL BE NOT MORE THAN 9 M WIDE.
- EXITS**  
3.4.6.10 HORIZONTAL EXITS  
1. THE FLOOR AREA ON EACH SIDE OF A HORIZONTAL EXIT SHALL BE SUFFICIENT TO ACCOMMODATE THE OCCUPANTS OF BOTH FLOOR AREAS, ALLOWING NOT LESS THAN 0.5 M<sup>2</sup> OF CLEAR FLOOR SPACE PER PERSON, EXCEPT THAT 1.5 M<sup>2</sup> SHALL BE PROVIDED FOR EACH PERSON IN A WHEELCHAIR AND 2.5 M<sup>2</sup> FOR EACH BEDRIDDEN PATIENT.  
2. IF VESTIBULES, ENCLOSED BALCONIES OR BRIDGES ARE USED AS PARTS OF A HORIZONTAL EXIT, THEIR CLEAR WIDTH SHALL BE NOT LESS THAN THAT OF THE EXIT DOORWAYS OPENING INTO THEM, EXCEPT THAT HANDRAILS ARE NOT PERMITTED TO PROJECT INTO THIS CLEAR WIDTH MORE THAN 100MM.  
3. IN A HORIZONTAL EXIT WHERE THERE IS A DIFFERENCE IN LEVEL BETWEEN THE CONNECTED FLOOR AREAS, SLOPES NOT MORE THAN THOSE SPECIFIED FOR RAMPS IN ARTICLE 3.4.6.7. ARE PERMITTED TO BE USED.  
4. NO STAIRS OR STEPS SHALL BE USED IN A HORIZONTAL EXIT.  
5. IF 2 DOORS ARE PROVIDED IN A HORIZONTAL EXIT THAT COMPRISES A PART OF THE REQUIRED NUMBER OF EXITS FROM THE FLOOR AREAS ON BOTH SIDES OF THE EXIT.  
A. THE DOORS SHALL BE MOUNTED ADJACENT TO EACH OTHER WITH THE DOOR ON THE RIGHT SIDE IN THE DIRECTION OF TRAVEL THROUGH THE HORIZONTAL EXIT SWINGING IN THE DIRECTION OF TRAVEL THROUGH THE HORIZONTAL EXIT.  
B. SIGNS SHALL BE PROVIDED ON EACH SIDE OF THE HORIZONTAL EXIT TO INDICATE THE DOOR THAT SWINGS IN THE DIRECTION OF TRAVEL FROM THAT SIDE. (SEE APPENDIX A.)  
6. IF A HORIZONTAL EXIT UTILIZES BRIDGES BETWEEN BUILDINGS OR OUTSIDE BALCONIES, THE BRIDGES OR BALCONIES SHALL CONFORM TO ARTICLE 3.2.3.19.
- CLEARANCE**  
3.4.3.4 HEADROOM CLEARANCE  
1. EXCEPT AS PERMITTED BY SENTENCES (4) AND (5), EVERY EXIT SHALL HAVE A CLEAR HEIGHT OVER THE CLEAR WIDTH OF THE EXIT OF NOT LESS THAN 2 050 MM.  
2. THE CLEAR HEIGHT OF STAIRWAYS SHALL BE MEASURED VERTICALLY OVER THE CLEAR WIDTH OF THE STAIRWAY, FROM THE STRAIGHT LINE TANGENT TO THE TREAD AND LANDING NOSINGS TO THE LOWEST ELEMENT ABOVE.  
3. THE CLEAR HEIGHT OF LANDINGS SHALL BE MEASURED WITHIN THE CLEAR WIDTH OF THE LANDING VERTICALLY TO THE LOWEST ELEMENT ABOVE.  
4. EXCEPT AS PERMITTED BY SENTENCE (5), THE HEADROOM CLEARANCE FOR DOORWAYS SHALL BE NOT LESS THAN 2 030 MM.  
5. NO DOOR CLOSER OR OTHER DEVICE SHALL BE INSTALLED SO AS TO REDUCE THE HEADROOM CLEARANCE OF A DOORWAY TO LESS THAN 1 980 MM.

**LEGEND:**

- EXISTING DOOR; TO REMAIN
- NEW DOOR
- NEW 40" WIDE DOOR AND SIDELIGHT.
- EXISTING DOOR; TO BE DEMOLISHED/REMOVED
- EXISTING WALL/COLUMN; TO REMAIN
- N.I.C. (NOT IN CONTRACT)
- 45MIN F.R.R. WALL
- 90MIN F.R.R. WALL
- 180MIN F.R.R. WALL

**DOORS - GENERAL NOTES**

- DOOR HARDWARE SHALL BE MOUNTED NO HIGHER THAN 1100MM (43 1/4") FROM THE FINISHED FLOOR.
- THE MAXIMUM DOOR OPENING FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE 22N (4.8LB) FOR INTERIOR HINGED DOOR.
- POWER-ASSISTED SWINGING DOORS SHALL:
  - TAKE NOT LESS THAN 3 SECONDS TO MOVE FROM THE CLOSED TO THE FULLY OPEN POSITION;
  - BE EQUIPPED WITH AN OBJECT SENSOR THAT STOPS THE DOOR FROM CLOSING ON A PERSON OR OBJECT WHILE IN THE SWING OPENING; AND
  - REQUIRE A FORCE OF NOT MORE THAN 66N (13.8LB) TO STOP DOOR MOVEMENT.
- ON ACCESSIBLE ROUTES, THE BOTTOM OF ROUTES SHALL INCORPORATE A SMOOTH, UNINTERRUPTED KICKPLATE, AT LEAST 300MM (11 3/4") HIGH.
- ALL ADO WILL BE FULL HEIGHT ACTUATOR. REFER TO SPECS.
  - ADO(WM) - WALL MOUNTED ACTUATOR
  - ADO(BM) - BOLLARD MOUNTED ACTUATOR

**DEMO/CONSTRUCTION NOTES - DOORS**

- (D101) REMOVE AND REPLACE EXISTING DOOR PANEL WITH NEW GLASS DOOR PANEL; EXISTING FRAME AND PANIC PUSH BAR TO REMAIN. REPLACE THUMB-PIECE PULL W/ STOREROOM TYPE PULL; REUSE EXISTING CYLINDER.
- (D201) REMOVE AND REPLACE EXISTING DOOR PANEL WITH NEW GLASS DOOR PANEL; EXISTING FRAME AND PANIC PUSH BAR TO REMAIN. REPLACE THUMB-PIECE PULL W/ DUMMY PULL; REUSE EXISTING CYLINDER.
- (D202a) DECOMMISSION EXISTING MAGNETIC HOLD-OPEN. DISCONNECT POWER TO EXISTING ELECTRIC STRIKE; MAINTAIN IN FAIL-SECURE OPERATION. INSTALL EXISTING CLOSER FROM D202b.
- (D202b) DECOMMISSION EXISTING MAGNETIC HOLD-OPEN. REMOVE EXISTING HOLD-OPENS; REUSE 1 FOR D202a. PROVIDE ADO C/W ACTUATOR PUSH PLATES. REPLACE/MODIFY EXISTING HARDWARE.
- (D203a) REPLACE THUMB-PIECE PULL W/ DUMMY PULL; REUSE EXISTING CYLINDER.
- (D203b) RELOCATE CARD READER TO NORTH COLUMN.
- (D203c) REPLACE EXISTING THUMB-PIECE PULLS W/ DUMMY PULLS; REUSE EXISTING CYLINDER. PROVIDE ADO C/W ACTUATOR PUSH PLATES. REPLACE EXIT DEVICES. REPLACE HINGE; ONE (1) EACH DOOR.
- (D204A) REPLACE EXIT DEVICE.
- (D204B) REMOVE ELECTRONIC HOLD-OPENS. PROVIDE ADO C/W ACTUATOR PUSH PLATES. REPLACE EXIT DEVICES. REPLACE HINGE; ONE (1) EACH DOOR.
- (D205) REMOVE EXISTING DOOR PANELS AND HARDWARES. EXISTING FRAME AND SIDELIGHTS TO REMAIN.
- (D206) DEMO EXISTING DOOR & FRAME. PROVIDE NEW DOOR & SIDELIGHT C/W FRAME. PROVIDE NEW ADO C/W ACTUATOR PUSH PLATES.
- (D207) DEMO EXISTING DOOR & FRAME. PROVIDE NEW DOOR & SIDELIGHT C/W FRAME. REINSTALL EXISTING ADO. PROVIDE NEW ACTUATOR PUSH PLATES.
- (D208) REMOVE AND REPLACE EXISTING DOOR PANEL WITH NEW GLASS DOOR PANEL; EXISTING FRAME AND PANIC PUSH BAR TO REMAIN. REPLACE THUMB-PIECE PULL W/ PASSAGE TYPE LEVER.
- (D209) REMOVE AND REPLACE EXISTING DOOR PANEL WITH NEW GLASS DOOR PANEL; EXISTING FRAME AND PANIC PUSH BAR TO REMAIN. REPLACE THUMB-PIECE PULL W/ PASSAGE TYPE LEVER.
- (D210) REMOVE EXISTING DOOR PANELS AND HARDWARES. EXISTING FRAME AND SIDELIGHTS TO REMAIN.
- (D211) REMOVE AND REPLACE EXISTING DOOR PANELS & HARDWARE WITH NEW GLASS DOOR PANEL AND HARDWARE; EXISTING FRAME TO REMAIN. PROVIDE ADO C/W ACTUATOR PUSH PLATES.



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THE CITY OF WINNIPEG  
ASSETS AND PROJECT  
MANAGEMENT DEPARTMENT  
MUNICIPAL ACCOMMODATIONS DIVISION  
3-65 GARRY STREET, R3C 4K4

CONTRACTOR  
**FOR TENDER ONLY**  
NOT TO BE USED FOR CONSTRUCTION

| # | DATE       | REVISION/ISSUANCE     |
|---|------------|-----------------------|
| 0 | 2022/02/22 | ISSUED FOR TENDER     |
| 1 | 2022/03/31 | ISSUED FOR ADDENDUM 5 |

DATE ISSUED  
FEBRUARY 22, 2022  
SEALS

PROJECT # **2132**  
PROJECT NAME **WEATHER PROTECTED WALKWAY SYSTEM, ACCESSIBILITY UPGRADES GRAHAM AVE, WINNIPEG, MB**

SHEET TITLE  
**FLOOR PLANS: 215 (1F/2F)  
DONALD STREET, 266 (2F)  
GRAHAM AVE, CODE  
REVIEW AND NOTES**

SHEET NUMBER  
**A2.0**