

NOTES:

WALL TYPE GENERAL NOTES

- 1. ALL WALLS TO EXTEND TO UNDERSIDE OF FLOOR STRUCTURE OR DECK ABOVE UNLESS OTHERWISE NOTED. SEAL WITH ACUSTIC CAULKING AT PERIMETER AND ALL PENETRATIONS. REFER TO DETAILS AND CEILING PLAN.
2. CONSTRUCT FIRE RATED WALLS TO UNDERSIDE OF DECK ABOVE.
3. FIRE RATED WALL TYPE SYMBOLS ARE DESIGNATED WITH AN 'R'. REFER TO REFLECTED CEILING PLAN FOR LOCATION AND RATING OF FIRE RATED WALLS. FIRE RESISTANCE RATINGS (FRR) AND SOUND TRANSMISSION CLASSES (STC) ARE SHOWN FOR REFERENCE ONLY.
4. REFER TO ROOM FINISH SCHEDULE. FINISH PLANS, AND INTERIOR ELEVATIONS FOR WALL FINISHES.
5. ACOUSTIC INSULATION IN FIRE RATED WALLS TO BE MINERAL FIBRE PROCESSED FROM ROCK OR SLAG WITH A MASS OF AT LEAST 2.8 kg/m2 FOR 89mm THICKNESS. REFER TO SPEC.
6. ACOUSTICALLY SEPARATE BACK TO BACK ELECTRICAL BOXES WHICH CANNOT BE SEPARATED BY 600mm (1 FULL STUD SPACE). ATTACH DOUBLE LAYER 16 GWB TO SIDE OF STUD FROM FLOOR TO 1200 HIGH. SEAL WITH ACOUSTIC CAULK ON BOTTOM AND SIDES.
7. ALL INTERIOR WALL DIMENSIONS TO OUTSIDE FACE OF GYPSUM BOARD / OUTSIDE FACE OF BLOCK. COORDINATE STUDS TO SUIT.
8. PROVIDE SLIP-JOINT FOR ALL FULL HEIGHT PARTITIONS. MAINTAIN FIRE RESISTANCE RATING WHERE REQUIRED.
9. OFFSET DOOR FRAMES 100mm FROM FACE OF WALL UNLESS OTHERWISE NOTED.
10. PROVIDE CONTINUOUS SMOKE SEAL AT ALL SMOKE SEPARATIONS (OHR FIRE SEPARATIONS).
11. PROVIDE BLOCKING IN WALL FOR ALL WALL MOUNTED ITEMS. STEEL STUD GAUGE & SPACING TO BE DESIGNED TO SUPPORT ALL WALL MOUNTED ITEMS.

ROOF TYPES:

- R1 EXISTING ARENA - UPGRADED ROOF (EFF. RSI-VALUE = 7.58)
22 GA. STANDING SEAM PRE-FINISHED METAL ROOF PANELS C/W CONCEALED CLIPS & FASTENERS
WEATHER RESISTANT BARRIER
16 CONST. GRADE TAG PLYWOOD
2 LAYERS 100 RIGID INSULATION (MIN. RSI 7.04)
W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS & RAILS
SELF-ADHESIVE VAPOUR BARRIER MEMBRANE
NEW 16 EXT GRADE GYPSUM BOARD SHEATHING
EXISTING 1&G CEDAR DECKING - SITE CONFIRM THICKNESS & CONDITION
EXISTING GLU-LAM BEAMS @ ±3658 O.C.
R2 ADDITION ROOF (EFF. RSI-VALUE = 4.3)
2 PLY MOD BIT MEMBRANE (SELF ADHESIVE BASE W/ SELF ADHESIVE CAP SHEET)
TAPERED POLYISO INSULATION
POLYISO INSULATION (MIN. RSI 7.04)
SELF-ADHESIVE VAPOUR BARRIER MEMBRANE
16 EXT GRADE GYPSUM BOARD SHEATHING
38 STEEL ROOF DECK (SEE STRUCT.)
STRUCTURE - REFER TO STRUCT.

EXISTING ZAMBONI GARAGE ROOF

- EXISTING BUILT UP ROOFING
EXISTING #19 T&G FIR PLYWOOD
EXISTING #760 WOOD TRUSSES @ ±600 O.C.
EXISTING 2 LAYERS #25mm BATT INSULATION (#R28 EACH)
EXISTING POLY VAPOUR BARRIER
EXISTING 116 FIRE GUARD

FLOOR TYPES:

- F1 ARENA FLOOR - EXISTING SLAB
FINISH - REFER TO SCHEDULE
EXISTING #17 CONCRETE SLAB W/ #25mm Ø PLASTIC PILES
EXISTING POLY VB
EXISTING #64x4 WOOD SLEEPERS @ ±914mm O.C.
EXISTING GRANULAR
F2 ARENA FLOOR - NEW SLAB
FINISH - REFER TO SCHEDULE
152 CONCRETE SLAB-ON-GRADE - REFER TO STRUCTURAL
15 MIL UNDERSLAB PLASTIC SHEET VAPOUR RETARDER
COMPACTED GRANULAR - REFER TO STRUCTURAL
F3 NEW ADDITION FLOOR
FINISH - REFER TO SCHEDULE
150 CONCRETE SLAB - REFER TO STRUCTURAL
15 MIL UNDERSLAB PLASTIC SHEET VAPOUR RETARDER
150 CARDBOARD VOID FORM - REFER TO STRUCTURAL
F4 WASH BAY FLOOR - EXISTING SLAB
EXISTING #150 CONCRETE SLAB
EXISTING #150 GRANULAR
F5 WASH BAY FLOOR - NEW SLAB (TO MATCH EXIST.)
152 CONCRETE SLAB-ON-GRADE - REFER TO STRUCTURAL
15 MIL UNDERSLAB PLASTIC SHEET VAPOUR RETARDER
COMPACTED GRANULAR - REFER TO STRUCTURAL

WALL TYPES

- E1 ARENA UPGRADED WALL - CONC BLOCK (EFF. RSI-VALUE = 2.56)
FRR - 45 MIN WHEN DESIGNATED
VERTICAL CORRUGATED METAL PANEL (22mm or 7/8")
100 SEMI-RIGID INSULATION (RSI 3.03)
W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS & HORIZONTAL RAILS
SELF ADHESIVE A.V.B. MEMBRANE
EXISTING 250 CONCRETE BLOCK WALL
FINISH - SEE ROOM FINISH SCHEDULE
E2 ARENA UPGRADED WALL - STEEL STUD INFILL (EFF. RSI-VALUE = 2.56)
FRR - 45 MIN WHEN DESIGNATED
VERTICAL CORRUGATED METAL PANEL (22mm or 7/8")
100 SEMI-RIGID INSULATION (RSI 3.03)
W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS & HORIZONTAL RAILS
SELF ADHESIVE A.V.B. MEMBRANE
16 EXT GRADE GYPSUM BOARD SHEATHING
203 STEEL STUDS @ 400 O.C.
16 ABUSE RESISTANT GYPSUM BOARD (TYPE 'X' WHERE FIRE-RATED)
FINISH - SEE ROOM FINISH SCHEDULE
E3 EXISTING ARENA - BELOW GRADE
13 FIBREGLASS MESH REINFORCED CEMENT BACKER BOARD (MIN. 305mm BELOW GRADE)
100 RIGID INSULATION (RSI 3.52) - TO U/S OF EXIST. GRADE BEAM (#610mm)
DAMP-PROOFING - REFER TO SPEC
EXISTING CONCRETE GRADE BEAM - REFER TO STRUCTURAL
E4 ARENA - NEW SOUTH WALL (EFF. RSI-VALUE = 2.25)
VERTICAL CORRUGATED METAL PANEL (22mm or 7/8")
100 SEMI-RIGID INSULATION (RSI 3.03)
W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS & HORIZONTAL RAILS
SELF ADHESIVE A.V.B. MEMBRANE
16 EXT GRADE GYPSUM BOARD SHEATHING
203 STEEL STUDS @ 400 O.C.
16 ABUSE RESISTANT GYPSUM BOARD
FINISH - SEE ROOM FINISH SCHEDULE
E5 NEW ADDITION - EXTERIOR WALLS (BRICK) (EFF. RSI-VALUE = 3.09)
92 BRICK
25 AIR SPACE
100 SEMI-RIGID INSULATION (RSI 3.03)
W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS/BRICK TIES
SELF ADHESIVE A.V.B. MEMBRANE
16 EXT GRADE GYPSUM BOARD SHEATHING
203 STEEL STUDS @ 400 O.C.
16 TYPE 'X' GYPSUM BOARD (CEMENT BOARD AT THIN BRICK)
FINISH - SEE ROOM FINISH SCHEDULE

INTERIOR WALL TYPES:

- A1 (NBC WALL TYPE 37A)
FRR - 1 HR TH - 184 STC - 51
FINISH - SEE ROOM FINISH SCHEDULE
16 TYPE 'X' GYPSUM BOARD
152 STEEL STUDS @ 400 O.C.
W/ 150 ACOUSTIC BATT INSULATION
FINISH - SEE ROOM FINISH SCHEDULE
A2 NEW ADDITION - EXTERIOR WALLS BELOW GRADE
13 FIBREGLASS MESH REINFORCED CEMENT BACKER BOARD (MIN. 305mm BELOW GRADE)
100 RIGID INSULATION (RSI 3.52) - TO U/S OF NEW GRADE BEAMS
DAMP-PROOFING - REFER TO SPEC
NEW CONCRETE GRADE BEAM - REFER TO STRUCTURAL
A3 NEW ADDITION - NORTH WALL AT CANOPY BUILD-OUT (EFF. RSI-VALUE = 3.14)
8 HORIZONTAL HPL SIDING - REFER TO SPEC
30 AIRSPACE
100 SEMI-RIGID INSULATION (RSI 3.03)
W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS & VERTICAL RAILS
SELF ADHESIVE A.V.B. MEMBRANE
16 EXT GRADE GYPSUM BOARD SHEATHING
152 STEEL STUDS @ 400 O.C.
16 ABUSE RESISTANT GYPSUM BOARD
FINISH - SEE ROOM FINISH SCHEDULE
A4 NEW ADDITION - EAST WALL AT CANOPY BUILD-OUT (EFF. RSI-VALUE = 3.14)
10 HPL PANELS W/ ALUM RAIL SYSTEM & CONCEALED FASTENERS - REFER TO SPEC
100 SEMI-RIGID INSULATION (RSI 3.03)
W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS & RAILS
SELF ADHESIVE A.V.B. MEMBRANE
16 EXT GRADE GYPSUM BOARD SHEATHING
152 STEEL STUDS @ 400 O.C.
16 ABUSE RESISTANT GYPSUM BOARD
FINISH - SEE ROOM FINISH SCHEDULE
A5 ARENA DIVIDING WALL (NO PLYWOOD)
FRR - 1 HR TH - 255
FINISH - SEE ROOM FINISH SCHEDULE
13 TYPE 'X' GYPSUM BOARD
13 TYPE 'X' GYPSUM BOARD
203 STEEL STUDS @ 400 O.C.
W/ 150 ACOUSTIC BATT INSULATION
13 TYPE 'X' GYPSUM BOARD
13 TYPE 'X' GYPSUM BOARD
FINISH - SEE ROOM FINISH SCHEDULE
A6 (NBC WALL TYPE 37A) TH-184 STC - 51
FRR - 0 HR WHEN DESIGNATED (PROVIDE SMOKE SEPARATION)
FINISH - SEE ROOM FINISH SCHEDULE
16 ABUSE RESISTANT GYPSUM BOARD
152 STEEL STUDS @ 400 O.C.
W/ 150 ACOUSTIC BATT INSULATION
16 ABUSE RESISTANT GYPSUM BOARD
FINISH - SEE ROOM FINISH SCHEDULE
A7 (NBC WALL TYPE 34A) TH - 124 STC - 48
FRR - 0 HR WHEN DESIGNATED (PROVIDE SMOKE SEPARATION)
FINISH - SEE ROOM FINISH SCHEDULE
16 ABUSE RESISTANT GYPSUM BOARD
92 STEEL STUDS @ 400 O.C.
W/ 89 ACOUSTIC BATT INSULATION
16 ABUSE RESISTANT GYPSUM BOARD
FINISH - SEE ROOM FINISH SCHEDULE
A8 LOW STUD WALL FOR ELECTRICAL (TOP OF WALL 1220mm AFF)
PROVIDE 58x115 FIR CAP AT T.O. WALL AND AT EXPOSED END
FRR - 0 HR TH - 15
FINISH - SEE ROOM FINISH SCHEDULE
13 G15 PLYWOOD
38mm WOOD STUDS @ 400 O.C.
13 G15 PLYWOOD
FINISH - SEE ROOM FINISH SCHEDULE
A9 ARENA - NEW SOUTH WALL (INTERIOR @ LOBBY 101)
FRR - N/A TH - 357 (AT GWB)
VERTICAL CORRUGATED METAL PANEL (22mm or 7/8")
100 ADJUSTABLE INSULATION CLIPS & HORIZONTAL RAILS
W/ NO INSULATION
16 GYPSUM BOARD SHEATHING
203 STEEL STUDS @ 400 O.C.
W/ 150 ACOUSTIC BATT INSULATION
WOOD STRAPPING (TO SUIT PLYWOOD PANELS, TO ±3245mm AFF)
13 G15 PLYWOOD PANELS (TO ±3245mm AFF)
16 ABUSE RESISTANT GYPSUM BOARD (±3245mm AFF TO U/S OF DECK)
FINISH - SEE ROOM FINISH SCHEDULE
A10 ADDITION - LARGE MPR WEST WALL
FRR - N/A TH - 212 (AT GWB)
VERTICAL CORRUGATED METAL PANEL (22mm or 7/8")
152 (7/8") HORIZONTAL HAT CHANNELS @ 600 O.C.
12 STEEL STUDS @ 400 O.C.
W/ 150 ACOUSTIC BATT INSULATION
WOOD STRAPPING (TO SUIT PLYWOOD PANELS, TO ±3245mm AFF)
13 G15 PLYWOOD PANELS (TO ±3245mm AFF)
16 ABUSE RESISTANT GYPSUM BOARD (±3245mm AFF TO U/S OF DECK)
FINISH - SEE ROOM FINISH SCHEDULE
A11 ARENA DIVIDING WALL (WITH PLYWOOD PANELS)
FRR - 1 HR TH - 255 (AT GWB)
FINISH - SEE ROOM FINISH SCHEDULE
13 TYPE 'X' GYPSUM BOARD
13 TYPE 'X' GYPSUM BOARD
203 STEEL STUDS @ 400 O.C.
W/ 150 ACOUSTIC BATT INSULATION
13 TYPE 'X' GYPSUM BOARD
13 TYPE 'X' GYPSUM BOARD
WOOD STRAPPING (TO SUIT PLYWOOD PANELS, TO ±3245mm AFF)
13 G15 PLYWOOD PANELS (TO ±3245mm AFF)
FINISH - SEE ROOM FINISH SCHEDULE
A12 LARGE MPR - STUD WALLS WITH PLYWOOD
FRR - N/A TH - 184 (AT GWB)
FINISH - SEE ROOM FINISH SCHEDULE
16 ABUSE RESISTANT GYPSUM BOARD
152 STEEL STUDS @ 400 O.C.
W/ 150 ACOUSTIC BATT INSULATION
WOOD STRAPPING (TO SUIT PLYWOOD PANELS, TO ±3245mm AFF)
13 G15 PLYWOOD PANELS (TO ±3245mm AFF)
16 ABUSE RESISTANT GYPSUM BOARD (±3245mm AFF TO U/S OF DECK)
FINISH - SEE ROOM FINISH SCHEDULE
A13 STEEL STUD WALL - NO INSULATION
FRR - N/A TH - 182
FINISH - SEE ROOM FINISH SCHEDULE
16 ABUSE RESISTANT GYPSUM BOARD
152 STEEL STUDS @ 400 O.C.
16 ABUSE RESISTANT GYPSUM BOARD
FINISH - SEE ROOM FINISH SCHEDULE
A14 LARGE MPR - STUD WALLS WITH PLYWOOD - NO INSULATION
FRR - N/A TH - 184 (AT GWB)
FINISH - SEE ROOM FINISH SCHEDULE
16 ABUSE RESISTANT GYPSUM BOARD
152 STEEL STUDS @ 400 O.C.
WOOD STRAPPING (TO SUIT PLYWOOD PANELS, TO ±3245mm AFF)
13 G15 PLYWOOD PANELS (TO ±3245mm AFF)
16 ABUSE RESISTANT GYPSUM BOARD (±3245mm AFF TO U/S OF DECK)
FINISH - SEE ROOM FINISH SCHEDULE
A15 CONCRETE BLOCK WALL W/ GWB
NOTE: GWB TO BE INSTALLED IN NBC STEEL CORNER BEADS AND THE WIRES @ 600 O.C. AS DESCRIBED IN NBC ARTICLES D-2.6.4 & D-2.6.5.
FRR - 1 HR TH - 289
FINISH - SEE ROOM FINISH SCHEDULE
EXISTING 250 CONC BLOCK
22 (7/8") HAT CHANNELS @ 400 O.C.
3 LAYERS - 13 TYPE 'X' GYPSUM BOARD
FINISH - SEE ROOM FINISH SCHEDULE
A16 LOW WALL (GUARDRAIL @ SLOPED FLOORS) (TOP OF WALL 1220mm AFF)
PROVIDE GWB CAP AT T.O. WALL AND AT EXPOSED END
FRR - 0 HR TH - 90
FINISH - SEE ROOM FINISH SCHEDULE
13 ABUSE RESISTANT GYPSUM BOARD
64 STEEL STUDS @ 400 O.C.
13 ABUSE RESISTANT GYPSUM BOARD
FINISH - SEE ROOM FINISH SCHEDULE

DOOR SCHEDULE

Table with columns: No., LEAF DIM. (WIDTH, HEIGHT), NO. OF PANELS, THICKNESS, TYPE, MAT'L, PANEL FINISH, FRAME TYPE, MAT'L, FRAME FINISH, FIRE LABEL, HARDWARE GROUP, REMARKS. Lists various door types and their specifications.

GENERAL NOTES:

- 1. REFER TO INTERIOR ELEVATIONS AND FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
2. CONTRACTOR TO SUPPLY, INSTALL AND MAKE USE OF CONSTRUCTION CYLINDERS ON ALL DOORS, TO BE REPLACED BY THE CITY OF WINNIPEG AT BUILDING TURNOVER.
3. REFER TO SPEC FOR DOOR HARDWARE, HARDWARE GROUPS, AND DOOR & FRAME INFORMATION.
4. THE MAXIMUM DOOR OPENING FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE: 38 N (8.5 LB) FOR EXTERIOR HINGED DOORS; 22 N (4.6 LB) FOR INTERIOR HINGED DOORS. DOOR SUPPLIER TO PROVIDE DOOR WEIGHTS, SIZES, AND HARDWARE TO SUIT THIS REQUIREMENT.
5. 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 66 N (13.8 LB) TO STOP DOOR MOVEMENT. ADJUST DOOR HARDWARE SETTINGS TO SUIT THIS REQUIREMENT.
6. THE SWEEP PERIOD OF DOOR CLOSERS SHALL BE ADJUSTED SO THAT, FROM AN OPEN POSITION OF 90 DEGREES, THE DOOR WILL TAKE NOT LESS THAN 3 SECONDS TO MOVE TO A SEMICLOSED POSITION OF APPROXIMATELY 12 DEGREES.
7. DOOR OPERATING DEVICES TO BE MOUNTED MAXIMUM 1100mm FROM FINISHED FLOOR LEVEL.

ABBREVIATIONS:

- AL ALUMINUM
EX EXTERIOR
GL GLAZING
HM HOLLOW METAL
HMI INSULATED HOLLOW METAL
PSI PRESSED STEEL
PSI INSULATED PRESSED STEEL
PT PAINTED FINISH
TG TEMPERED GLASS
THSDG TEMPERED HERMETICALLY SEALED DUAL GLAZING
THSTPG TEMPERED HERMETICALLY SEALED TRIPLE PANE GLAZING

REMARKS:

- 1. DOOR TO HAVE AUTO DOOR OPERATOR
2. INSULATED HOLLOW METAL GARAGE DOOR - REFER TO SPECIFICATIONS
3. DOOR & FRAME PART OF OHR/SMOKE SEPARATION
4. DOOR PART OF CURTAIN WALL/GLAZING SYSTEM
5. DOOR TO HAVE CARD ACCESS
6. CARD ACCESS TO BE INSTALLED ON SOUTH SIDE OF DOOR/WALL
7. DOOR INSTALLED IN EXISTING OPENING - SITE CONFIRM DIMENSIONS
8. WEST DOOR LEAF TO OPEN WITH OPERATOR BUTTON
9. SOUTH DOOR LEAF TO OPEN WITH OPERATOR BUTTON
10. EAST DOOR LEAF TO OPEN WITH OPERATOR BUTTON
11. DOOR INSTALLED IN EXISTING CONCRETE BLOCK WITH NEW LITEL ABOVE - SITE CONFIRM DIMENSIONS AND SIZE DOOR TO SUIT
12. DOOR WIDTH INCLUDES 50mm CENTER MULLION - SEE DOOR HARDWARE SCHEDULE.

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Table with columns: No., REVISION/DESCRIPTION, BY, DATE. Shows revision history for the schedule.

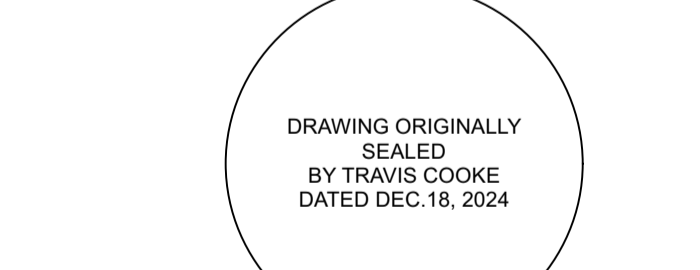


Table with columns: DRAWN, CHECKED, DESIGNED, APPROVED. Shows approval signatures and dates.

THE CITY OF WINNIPEG ASSETS & PROJECT MANAGEMENT DEPARTMENT MUNICIPAL ACCOMMODATIONS DIVISION

PROJECT REDEVELOPMENT OF THE OLD EXHIBITION ARENA ISSUED FOR CONSTRUCTION 80 SINCLAIR STREET SHEET TITLE SCHEDULES

Table with columns: SCALE, PROJECT No, SHEET No. Shows AS SHOWN, 2020-136, A0.2.

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1

