WALL TYPE GENERAL NOTES 1. ALL WALLS TO EXTEND TO UNDERSIDE OF FLOOR STRUCTURE OR DECK ABOVE UNLESS OTHERWISE NOTED. SEAL WITH ACOUSTIC CAULKING AT PERIMETER AND ALL PENETRATIONS. REFER TO DETAILS AND CEILING PLAN.

2. CONSTRUCT FIRE RATED WALLS TO UNDERSIDE OF DECK

3. FIRERATED 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 6. ACOUSTICALLY SEPARATE BACK TO BACK ELECTRICAL

BOXES WHICH CANNOT BE SEPARATED BY MIN. 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

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 (0HR 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:**

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 T&G 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 T&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.

R3 EXISTING ZAMBONI GARAGE ROOF
• EXISTING BUILT UP ROOFING • EXISTING ±19 T&G FIR PLYWOOD • EXISTING ±760 WOOD TRUSSES @ ±600 O.C. • EXISTING 2 LAYERS ±215mm BATT INSULATION (±R28 EACH) EXISTING POLY VAPOUR BARRIER • EXISTING ±16 FIRE GUARD

### **FLOOR TYPES:**

EXISTING GRANULAR

• FINISH - REFER TO SCHEDULE • EXISTING ±127 CONCRETE SLAB W/ ±25mm Ø PLASTIC PIPES EXISTING POLY V.B. • EXISTING ±64x64 WOOD SLEEPERS @ ±914mm O.C.

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

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

**EXTERIOR WALL TYPES:** 

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

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

• 152 STEEL STUDS @ 400 O.C. • 16 ABUSE RESISTANT GYPSUM BOARD (TYPE 'X' WHERE FIRE-RATED) • FINISH - SEE ROOM FINISH SCHEDULE

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) DAMPPROOFING - REFER TO SPEC
 EXISTING CONCRETE GRADE BEAM - REFER TO STRUCTURAL

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 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 152 STEEL STUDS @ 400 O.C.
 16 TYPE 'X' GYPSUM BOARD (CEMENT BOARD AT THIN BRICK)

ZAMBONI GARAGE - EXISTING EXTERIOR WALLS
• EXISTING STONE DASH PLASTER & STUCCO WIRE

EXISTING BUILDING PAPER EXISTING ±13 PARTICLE BOARD EXISTING ±89x140 WOOD STUDS @ ±400 O.C w/ EXISTING BATT INSULATION (±RSI 3.52) EXISTING VAPOUR BARRIER EXISTING ±25 AIR SPACE EXISTING ±200 CONCRETE BLOCK FINISH - SEE ROOM FINISH SCHEDULE

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 DAMPPROOFING - REFER TO SPE • NEW CONCRETE GRADE BEAM - REFER TO STRUCTURAL

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

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 NEW ADDITION - BRICK WING WALL (OUTSIDE VESTIBULE 102) • 92 BRICK 25 AIR SPACE • 100 SEMI-RIGID INSULATION (RSI 3.03) W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS/BRICK TIES

• SELF ADHESIVE AIR BARRIER MEMBRANE • 16 EXT GRADE GYPSUM BOARD SHEATHING 152 STEEL STUDS @ 400 O.C.
 W/ 150 MINERAL FIBRE BATT INSULATION
 16 EXT GRADE GYPSUM BOARD SHEATHING SELF ADHESIVE AIR BARRIER MEMBRANE 100 SEMI-RIGID INSULATION (RSI 3.03)
 W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS/BRICK TIES

 25 AIR SPACE NEW ADDITION - NORTH BRICK WALL (WITH THIN BRICK) (EFF. RSI-VALUE = 3.04)
• 92 BRICK 25 AIR SPACE

100 SEMI-RIGID INSULATION (RSL3 03) W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS/BRICK TIES SELF ADHESIVE A.V.B. MEMBRANE 16 EXT GRADE GYPSUM BOARD SHEATHING • 152 STEEL STUDS @ 400 O.C. 13 CEMENT BOARD

NEW ADDITION - EXTERIOR WALL W/ WOOD SIDING (EFF. RSI-VALUE = 3.14)
• 8 HORIZONTAL HPL SIDING - REFER TO SPEC 30-50 AIR SPACE • 100 SEMI-RIGID INSULATION (RSI 3.03) W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS & VERTICAL RAILS SELEADHESIVE A V.B. MEMBRANE 16 EXT GRADE GYPSUM BOARD SHEATHING 152 STEEL STUDS @ 400 O.C.
16 ABUSE RESISTANT GYPSUM BOARD

• 16 ABUSE RESISTANT GYPSUM BOARD (3245mm AFF TO U/S OF DECK)

W/ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS/BRICK TIES
• SELF ADHESIVE AIR BARRIER MEMBRANE

• FINISH - SEE ROOM FINISH SCHEDULE <u>ARENA - STEEL STUD INFILL (WEST SIDE)</u> (EFF. RSI-VALUE = #.#)

• VERTICAL CORRUGATED METAL PANEL (22mm or 7/8") • 100 SEMI-RIGID INSULATION (RSI 3.03) W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS & HORIZONTAL RAILS • SELEADHESIVE A V.B. MEMBRANE • 16 EXT GRADE GYPSUM BOARD SHEATHING 203 STEEL STUDS @ 400 O.C. 50 HORIZ, ADJUSTABLE Z-BARS

• 16 EXT GRADE GYPSUM BOARD SHEATHING

• 13 G1S PLYWOOD PANELS (TO 3245mm AFF)

ADDITION - SOUTHWEST CORNER - WING WALL
• 92 BRICK

16 EXT GRADE GYPSUM BOARD SHEATHING

152 STEEL STUDS @ 400 O.C.
 W/ 150 MINERAL FIBRE BATT INSULATION

16 EXT GRADE GYPSUM BOARD SHEATHING

• 8 HORIZONTAL HPL SIDING - REFER TO SPEC

• ±13 P.T. PLYWOOD SHEATHING - MATCH EXIST

• ±13 P.T. PLYWOOD SHEATHING - MATCH EXIST • ±25 AIR SPACE - MATCH EXIST.

• ±16 EXT GRADE GYPSUM BOARD SHEATHING • ±38x89 WOOD STUDS @ 400 O.C.

• ±92 STEEL STUDS @ 400 O.C. • 22 (7/8") STEEL HAT CHANNELS @ 400 O.C

• 3 LAYERS - 13 TYPE 'X' GYPSUM BOARD

FINISH - SEE ROOM FINISH SCHEDULE

• ±38×140 WOOD STUDS @ 400 O.C. - MATCH EXIST. W/ 140 SEMI-RIGID BATT INSULATION (±RSI 4.05)

W/ ADJUSTABLE INSULATION CLIPS & VERTICAL RAILS

GARAGE - EXISTING WALL INFILL
• STUCCO - REFER TO SPEC (COLOUR TO MATCH EXIST. STUCCO)

ARENA - NORTH WALL ABOVE BLOCK @ GARAGE (EFF. RSI-VALUE = 2.56) NOTE: GWB TO BE INSTALLED W/ STEEL CORNER BEADS AND TIE WIRES @ 600 O.C. AS DESCRIBED IN NBC ARTICLES D-2.6.4 & D-2.6.5. • VERTICAL CORRUGATED METAL PANEL (22mm or 7/8")

100 SEMI-RIGID INSULATION (RSI 3.03)
 W/ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS &

• 50 AIR SPACE / HPL CLIP SYSTEM - REFER TO SPEC

SELF ADHESIVE AIR BARRIER MEMBRANE
 100 SEMI-RIGID INSULATION (RSI 3.03)

STUCCO WIRE/LATH - REFER TO SPEC

• ±200 CONCRETE BLOCK - MATCH EXIST.

• 6 MIL POLY VAPOUR BARRIER

HORIZONTAL RÁILS

• ±67 EXISTING AIR SPACE

• SELF ADHESIVE A.V.B. MEMBRANE

SELE ADHESIVE AIR BARRIER MEMBRANI

FINISH - SEE ROOM FINISH SCHEDULE

• 100 SEMI-RIGID INSULATION (RSI 3.03)

25 AIR SPACE

3 THIN SET MORTAR

• 13 THIN BRICK

 13 CEMENT BOARD (w/ NO INSULATION) 3 THIN SET MORTAR 16 GYPSUM BOARD SHEATHING 13 THIN BRICK 203 STEEL STUDS @ 400 O.C.
 w/ 150 ACOUSTIC BATT INSULATION ARENA - NEW SOUTH WALL (WITH PLYWOOD) (EFF. RSI-VALUE = 2.56)
• VERTICAL CORRUGATED METAL PANEL (22mm or 7/8") 100 SEMI-RIGID INSULATION (RSI 3.03 W/ ADJUSTABLE, THERMALLY BROKEN INSULATION CLIPS & FINISH - SEE ROOM FINISH SCHEDULE • SELF ADHESIVE A.V.B. MEMBRANE

ADDITION - LARGE MPR WEST WALL FRR - N/A TH - 212 (AT GWB)

• VERTICAL CORRUGATED METAL PANEL (22mm or 7/8") • 22 (7/8") HORIZONTAL HAT CHANNELS @ 600 O.C. 152 STEEL STUDS @ 400 O.C.
 w/ 150 ACOUSTIC BATT INSULATION WOOD STRAPPING (TO SUIT PLYWOOD PANELS, TO ±3245mm AFF)
 13 G1S PLYWOOD PANELS (TO ±3245mm AFF) • FINISH - SEE ROOM FINISH SCHEDULE

ARENA DIVIDING WALL (WITH PLYWOOD PANELS) FRR - 1HR 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 • 13 G1S PLYWOOD PANELS (TO ±3245mm AFF) • FINISH - SEE ROOM FINISH SCHEDULE

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 G1S PLYWOOD PANELS (TO ±3245mm AFF) FINISH - SEE ROOM FINISH SCHEDULE

STEEL STUD WALL - NO INSULATION FRR - N/A TH- 184
• 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

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 G1S PLYWOOD PANELS (TO ±3245mm AFF)
16 ABUSE RESISTANT GYPSUM BOARD (±3245mm AFF TO U/S OF DECK)

CONCRETE BLOCK WALL W/ GWB NOTE: GWB TO BE INSTALLED W/ STEEL CORNER BEADS AND TIE WIRES @ 600 O.C. AS DESCRIBED IN NBC ARTICLES D-2.6.4 & D-2.6.5. FRR - 1.5HR TH - 289
• FINISH - SEE ROOM FINISH SCHEDULE • EXISTING 250 CONC BLOCK • 22 (7/8") HAT CHANNELS @ 400 O.C.

• 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 - n/a TH - 90 • FINISH - SEE ROOM FINISH SCHEDULE • 13 ABUSE RESISTANT GYPSUM BOARD • 64 STEEL STUDS @ 400 O.C.

'(NBC WALL TYPE S7A) 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 • 16 TYPE 'X' GYPSUM BOARD • FINISH - SEE ROOM FINISH SCHEDULE

INTERIOR WALL TYPES:

(NBC WALL TYPE S4A) FRR - 1 HR TH - 124 STC - 48 FINISH - SEE ROOM FINISH SCHEDULE • 16 TYPE 'X' GYPSUM BOARD • 92 STEEL STUDS @ 400 O.C w/ 89 ACOUSTIC BATT INSULATION • 16 TYPE 'X' GYPSUM BOARD • FINISH - SEE ROOM FINISH SCHEDULE

EXISTING CONCRETE BLOCK WALL FRR - 1.5HR TH - 250
• FINISH - SEE ROOM FINISH SCHEDULE • EXISTING 250 CONC BLOCK • FINISH - SEE ROOM FINISH SCHEDULE

NEW ADDITION - VESTIBULE 102 SOUTH WALL FRR - N/A TH - 339 • 8 HORIZONTAL HPL SIDING - REFER TO SPEC ±47 AIR SPACE 100 ADJUSTABLE INSUATION CLIPS & VERTICAL RAILS (w/ NO INSULATION) • 16 GYPSUM BOARD SHEATHING 152 STEEL STUDS @ 400 O.C. w/ 150 ACOUSTIC BATT INSULATION • 16 ABUSE RESISTANT GYPSUM BOARD

FINISH - SEE ROOM FINISH SCHEDULE

ARENA DIVIDING WALL (NO PLYWOOD) FRR - 1HR 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

(NBC WALL TYPE S7A) 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

(NBC WALL TYPE S4A) 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

LOW STUD WALL FOR ELECTRICAL (TOP OF WALL 1220mm AFF) PROVIDE 38x115 FIR CAP AT T.O. WALL AND AT EXPOSED END FRR - n/a TH - 115 • FINISH - SEE ROOM FINISH SCHEDULE • 13 G1S PLYWOOD • 38x89 WOOD STUDS @ 400 O.C. • 13 G1S PLYWOOD

• FINISH - SEE ROOM FINISH SCHEDULE

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 • WOOD STRAPPING (TO SUIT PLYWOOD PANELS, TO ±3245mm AFF) • 13 G1S PLYWOOD PANELS (TO ±3245mm AFF)
• 16 ABUSE RESISTANT GYPSUM BOARD (±3245mm AFF TO U/S OF DECK)

• 16 ABUSE RESISTANT GYPSUM BOARD (±3245mm AFF TO U/S OF DECK)

• WOOD STRAPPING (TO SUIT PLYWOOD PANELS, TO ±3245mm AFF)

• 16 ABUSE RESISTANT GYPSUM BOARD (±3245mm AFF TO U/S OF DECK)

• FINISH - SEE ROOM FINISH SCHEDULE

• 3 LAYERS - 13 TYPE 'X' GYPSUM BOARD

• 13 ABUSE RESISTANT GYPSUM BOARD • FINISH - SEE ROOM FINISH SCHEDULE

## DOOR SCHEDULE

No.	DOOR							FRAME					
	LEAF DIM.										FIRE	HARDWARE	DEMARKS
	WIDTH	HEIGHT	NO. OF PANELS	THICKNESS	TYPE	MAT'L	PANEL FINISH	TYPE	MAT'L	FRAME FINISH	LABEL	GROUP	REMARKS
100A	2050	2440	2	44	4	AL/THSDG	-		AL/THSTPG	-		1	1,4,5,9,12
100B	2050	2440	2	44	4	AL/TG	-	4	AL/TG	-		2	1,4,5,8,12
100C	1000	2440	1	44	4	AL/TG		6	AL/TG			3	1,4,5
101A	2000	2135	2	44	3	HM/TG	PT-5	1	PS	PT-4		4	4.40
101B 102A	2000 2050	2135 2135	2 2	44 44	<u>3</u>	HM/TG AL/THSDG	PT-5	8	PS AL/THSTPG	PT-4 -		5 6	1,10 1,4,5,9,12
102A	2000	2135	2	44	4	AL/TH3DG AL/TG	-	5	AL/THSTFG			7	1,4,9
103	1000	2135	1	44	1	HM	PT-5	1	PS	PT-4		14	5
107	1000	2135	1	44	1	НМ	PT-3	1	PS	PT-4		10	1
115	915	2135	1	44	1	НМ	PT-3	1	PS	PT-4		13	3
116	1000	2135	1	44	1	НМ	PT-5	1	PS	PT-4		14	5
117	1000	2135	1	44	1	НМ	PT-4	1	PS	PT-3		15	1,5
118	1000	2135	1	44	1	НМ	PT-3	1	PS	PT-4		16	5
119	1000	2135	1	44	1	HM	PT-3	1	PS	PT-4	45MIN	13	
120	1000	2135	1	44	1	HM	PT-3	1	PS	PT-4		12	
121 122	1000 1000	2135 2135	1	44 44	1 1	HM HM	PT-3 PT-3	1	PS PS	PT-4 PT-4		12 17A	1,5
					-			-		PT-10 (122)			1,5
122B	915	2135	1	44	1	НМ	PT-3	1	PS	PT-4 (122B)		38	
123	1000	2135	1	44	1	HM	PT-3	1	PS	PT-4		18	
124	1000	2135	1	44	1	HM	PT-3	1	PS	PT-4		8	
125 126	1000 1000	2135 2135	1	44 44	<u>1</u> 3	HM	PT-3 PT-3/-	3	PS/TG PS	PT-4/- PT-4	45MIN	19 37	1.5
126	1000	2135	1	44	2	HM/TG HM/TG	PT-3/-	7	PS/TG	PT-4/-	45IVIIN	17B	1,5 1
128	1000	2135	1	44	1	HM	PT-3	7	PS/TG	PT-4/-		19	I
129	1000	2135	1	44	2	HM/TG	PT-3/-	7	PS/TG	PT-4/-		17B	1
130	1000	2135	1	44	1	НМ	PT-3	1	PS	PT-4		20	-
131	1000	2135	1	44	1	НМ	PT-3	7	PS/TG	PT-4/-		13B	
132A	1000	2135	1	44	4	AL/THSDG	-	1	AL	-		21	1,5
132B	1000	2135	1	44	4	AL/TG	-	1	AL	-		22	1
133A	2050	2185	2	44	1	НМІ	PT-5 (133) PT-8 (EXT)	1	PSI	PT-4 (133) PT-3 (EXT)		23	1,9,11,12
133B	2050	2185	2	44	1	HMI	PT-5 (133) PT-8 (EXT)	1	PSI	PT-4 (133) PT-3 (EXT)		24	11,12
134 135	2000 1000	2135 2135	1	44 44	<u>1</u>	HM HM	PT-3 PT-3	3	PS PS/TG	PT-4 PT-4/-	45MIN	25 13B	5,6
136	1000	2135	1	44	1	HM	PT-3	2	PS/TG	PT-4/-		26	1
137	1000	2135	1	44	1	HM	PT-3	1	PS	PT-4		19	•
138	2000	2135	2	44	1	НМ	PT-3/-	1	PS	PT-4		27	
139	2000	2135	2	44	1	НМ	PT-3/-	1	PS	PT-4		27	
139B	915	2135	1	44	1	НМ	PT-3	1	PS	PT-4		14	5
140	1000	2185	1	44	1	НМІ	PT-4 (140) PT-8 (EXT)	1	PSI	PT-3 (140) PT-3 (EXT)		28	11
142A	1000	2185	1	44	1	НМІ	PT-4 (142) PT-8 (EXT)	1	PSI	PT-3 (142) PT-3 (EXT)		36	11
142B	2900 1000	3600	N/A 1	44	N/A 1	N/A HM	N/A	N/A 1	N/A	N/A PT-4		35 10	2 1
144 145	1000	2135 2135	1	44	1 1	HM HM	PT-3 PT-3	1	PS PS	PT-4 PT		10 13B	1 3
146	1000	2135	1	44	1	HM	PT-3	1	PS/TG	PT-4/-		13B	<u> </u>
147	1000	2135	1	44	1	HM	PT-3	1	PS/TG	PT-4/-		29	
148	1000	2135	1	44	1	HM	PT-3	1	PS/TG	PT-4/-		29	
149	1000	2135	1	44	1	НМ	PT-3	1	PS/TG	PT-4/-		29	
150	1000	2135	1	44	1	HM	PT-3	2	PS/TG	PT-4/-		29	
151	2000	2135	2	44	11	HM	PT-3	1	PS	PT-4	45NAINI	30	
152	1830	2135	2	44	1	HM	PT-3	1	PS	PT-4	45MIN	31	
153	2400	2110	2	44	1	HMI	PT-4 (153) PT-8 (EXT)	1	PSI	PT-3 (153) PT-3 (EXT)		32	7
154A	1000	2110	1	44	1	HM	PT-3	1	PS	PT-4	90MIN	33	1,11
154B	1000	2150	1	44	1	НМІ	PT-4 (154) PT-8 (EXT)	1	PSI	PT-3(154) PT-3 (EXT)		34	1,5,11

**GENERAL NOTES:** 

**FRAME TYPES:** 

REFER TO

SCHEDULE

TYPE 1 (HM)

TYPE 5

TYP.

1. REFER TO INTERIOR ELEVATIONS AND FINISH SCHEDULE FOR ADDITIONAL CONTRACTOR TO SUPPLY, INSTALL AND MAKE USE OF CONSTRUCTION

CYLINDERS ON ALL DOORS, TO BE REPLACED BY THE CITY OF WINNIPEG AT 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 EQUIPED 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

7. DOOR OPERATING DEVICES TO BE MOUNTED MAXIMUM 1100mm FROM FINISHED FLOOR LEVEL

, REFER TO

SCHEDULE

TYPE 1 (ALUM)

TYP

±686

±3548

REFER TO

SCHEDULE

-WINDOW FILM -REFER TO SPEC

**GRAPHICS TO BE** 

DETERMINED, TYP.

1750

REFER TO

SCHEDULE

TYPE 2

TYP.

600

ALUMINUM **EXTERIOR** EXT GLAZING НМ HOLLOW META

**ABBREVIATIONS** 

INSULATED HOLLOW METAI PRESSED STEEL PAINTED FINISH

**INSULATED PRESSED STEEL** TEMPERED GLASS THSDG TEMPERED HERMETICALLY SEALED DUAL GLAZING THSTPG TEMPERED HERMETICALLY SEALED TRIPLE PANE GLAZING

1750

SCHEDULE

TYP.

-WINDOW FILM -

REFER TO

SCHEDULE

**TYPE 7** 

REFER TO SPEC

**GRAPHICS TO BE** 

DETERMINED, TYP.

600 II REFER TO

TYPE 3

-WINDOW FILM -

REFER TO SPEC

**GRAPHICS TO BE** 

±2135

REFER TO

**SCHEDULE** 

TYPE 6

WINDOW FILM -

REFER TO SPEC

GRAPHICS TO BE

DETERMINED, TYP.

TYP.

DETERMINED, TYP.

±888

### REMARKS:

±586

TYPE 4

1. DOOR TO HAVE AUTO DOOR OPERATOR 2. INSULATED HOLLOW METAL GARAGE DOOR REFER TO SPECIFICATIONS 3. DOOR & FRAME PART OF 0HR/SMOKE SEPARATION 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 9. SOUTH DOOR LEAF TO OPEN WITH OPERATOR

10. EAST DOOR LEAF TO OPEN WITH OPERATOR 11. DOOR INSTALLED IN EXISTING CONCRETE BLOCK WITH NEW LINTEL ABOVE - SITE CONFIRM

DIMENSIONS AND SIZE DOOR TO SUIT 12. DOOR WIDTH INCLUDES 50mm CENTER MULLION -SEE DOOR HARDWARE SCHEDULE.

±3346

REFER TO

SCHEDULE

-WINDOW FILM

±535

TYPE 8

-WINDOW FILM -

REFER TO SPEC

**GRAPHICS TO BE** DETERMINED, TYP.

**REFER TO SPEC** 

GRAPHICS TO BE

DETERMINED, TYP.

TYF

±3429

REFER TO

SCHEDULE

±653



ISSUED FOR ADDENDUM #3

HC JAN 27

NOTES:

**DOOR TYPES:** 

REFER TO

SCHEDULE'

TYPE 1

, REFER TO

SCHEDULE

TYPE 3

REFER TO

SCHEDULE

TYPE 2 - HM

REFER TO

SCHEDULE



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