Roof Types

TYPE	FRR	RSI	ASSEMBLY	DESCRIPTION
R1	-	-	307	**Modified Bituminous Membrane on Perforated Steel Deck** 2-Ply Modified Bituminous Membrane 6mm Cover Board 200mm Min Rigid Insulation Sloped 2% Min to Drain Continuous Air/Vapour Barrier 13mm Substrate Board Painted and Perforated Acoustic Steel Deck Black-Finish Faced Acoustical Insulation in Deck Flutes AESS 2 Primed and Painted Finish at Exposed Roof Trusses AESS 3 Primed and Painted Finish at Exposed Roof Beams
R2	-	-	307	**Modified Bituminous Membrane on Steel Deck** 2-Ply Modified Bituminous Membrane 6mm Cover Board 200mm Min. Rigid Insulation Sloped 2% Min. to Drain Continuous Air/Vapour Barrier 13mm Substrate Board Steel Deck
R3	-	-	332	**Modified Bituminous Membrane on Steel Deck with Ballast** 25mm Gravel Ballast Fabric Protection Layer 3-ply Modified Bituminous Membrane 6mm Cover Board 200mm Min. Rigid Insulation Sloped 2% Min. to Drain Continuous Air/Vapour Barrier 13mm Substrate Board Steel Deck
R4	-	-	247	**Modified Bituminous Membrane on Wood Deck** 2-Ply Modified Bituminous Membrane 6mm HD Coverboard 200mm Min. Rigid Insulation on Sloped Structure, 2% Min. Slope to Drain Continuous Air/Vapour Barrier 13mm Substrate Board 16mm Wood Deck Sheathing (Ref to Structural Dwgs)
R5	-	-	272	**Modified Bituminous Membrane on Wood Deck w/ Ballast** 25mm Gravel Ballast Fabric Protection Layer 2-Ply Modified Bituminous Membrane 6mm HD Coverboard 200mm Min. Rigid Insulation on Sloped Structure, 2% Min. Slope to Drain Continuous Air/Vapour Barrier 13mm Substrate Board 16mm Wood Deck Sheathing (Ref to Structural Dwgs)
R6	-	-	VARIES	**Modified Bituminous Membrane on Wood Deck** 2-Ply Modified Bituminous Membrane 6mm Cover Board Rigid Insulation Sloped 2% Min. to Drain 200mm Min. Rigid Insulation on Wood Framing Continuous Air/Vapour Barrier 13mm Substrate Board 16mm Wood Deck Sheathing (Ref to Structural Dwgs)
R7	-	-	431	**Modified Bituminous Membrane on Concrete** 2-Ply Modified Bituminous Membrane 6mm Cover Board 200mm Min Rigid Insulation Sloped 2% Min to Drain Continuous Air/Vapour Barrier 13mm Substrate Board Concrete Substrate

Soffit Types

TYPE	FRR	RSI	ASSEMBLY	DESCRIPTION
S1			15 203 38 92	**Exterior Linear Metal Soffit System (Recreation)** Preformed Metal Panel Type C Galvanized metal support girt system 200mm Semi-Rigid Insulation Continuous Air/Vapour Barrier Membrane 16mm Sheathing Board Engineered Metal Stud Framing System Secured to Structural Steel Above
S2	-	-	38 92	**Exterior Metal Panel Vented Soffit (Child Care)** Preformed Metal Panel Type E Galvanized metal support girt system Suspended from Structural Wood Framing Above

Exterior Wall Types

TYPE	FRR	RSI	ASSEMBLY	DESCRIPTION
EW1	-	-	38 100 200 338	**Preformed Metal Cladding Type 1** 38mm Metal Panel Types A, B & D 100mm Air Space 200mm Semi-Rigid Insulation w/ 300mm Thermally Broken Engineered Cladding Support System Continuous Air/Vapour Barrier Membrane Support Substrate (Refer to Drawings for Type)
EW2	-	-	3 25 50 152 222	**Aluminum Composite Panel Cladding** Aluminium Composite Panel 25mm Air Space w Cladding Support Framing 152mm Semi-Rigid Insulation w/ 177mm Thermally Broken Engineered Cladding Support Sytem Continuous Air/Vapour Barrier Membrane Support Substrate (Refer to Drawings for Type)
EW3	-	-	38 100 191 25 354	**Preformed Metal Cladding Type 3 (Mechanical Screen)** 38 mm Metal Panel Types A, B & D Steel Cladding Support Engineered to Support Loads 25mm Corrugated Metal Carrier Panel Engineered to suit Cladding Support 3
EW4	-	-	38 25 200 263	**Preformed Metal Cladding Type 4** 38mm Metal Panel Type C & D 25mm Air Space 200mm Semi-Rigid Insulation w/ 225mm Thermally Broken Engineered Cladding Support Continuous Air/Vapour Barrier Membrane Support Substrate (Refer to Drawings for Type)
EW5	-	-	38 25 200 263	**Preformed Metal Cladding Type 5 (Child Care)** 38mm Metal Panel Type A & B 25mm Air Space 200mm Semi-Rigid Insulation w/ 225mm Thermally Broken Cladding Support Continuous Air/Vapour Barrier Membrane Support Substrate (Refer to Drawings)
EW6	-	-	90 24 152 266	**Masonry Cladding Type 1** Architectural Concrete Masonry Units ACMU1 & ACMU2 Lateral Masonry Ties 25mm Air Space 152 mm Semi-Rigid Insulation Continuous Air/Vapour Barrier Membrane Support Substrate (Refer to Drawings) Refer to Elevations for Colour
EW7	-	-		**Preformed Metal Cladding Type 1 (Perforated)** 38mm Metal Panel Types F & G 100mm Air Space Black-Finished Face 200mm Semi-Rigid Insulation w/ 300mm Thermally Broken Engineered Cladding Support System Continuous Air/Vapour Barrier Membrane Support Substrate (Refer to Drawings for Type)
EW8	-	-	90 25 200 315	**Masonry Cladding Type 2** Architectural Concrete Masonry Units ACMU1 & ACMU2 Lateral Masonry Ties 25mm Air Space 200 mm Semi-Rigid Insulation Continuous Air/Vapour Barrier Membrane Support Substrate (Refer to Drawings) Refer to Elevations for Colour
EW10	-	-	125 25 100 266	**Pre-Cast Concrete Base (Recreation)** 125mm Pre-Cast Concrete Base Types A & B w/ Stainless Steel Anchors and Below-grade Support Brackets 25mm Air Space 100mm Rigid Insulation Drainage Mat w/ filter fabric below grade Membrane Waterproofing SWP1 Concrete Grade Beam (Refer to Drawings)
EW11	-	-	100 250 366	**Foundation Wall Grade Beam (Recreation)** Free Draining Compacted Granular Fill (Refer to Geotechnical Report) 100mm Rigid Insulation Drainage Mat w/ Filter Fabric Membrane Waterproofing SWP1 Concrete Grade Beam Substrate (Refer to Structural Drawings) 50mm thick x 1220mm wide Rigid Insulation Skirt on 20 degree slope along outer face grade beam assembly
EW12	-	-	125 25 150 316	**Pre-Cast Concrete Base (Child Care)** 125mm Pre-Cast Concrete Base Types C & D w/ Stainless Steel Anchors and Below-grade Steel Support 25mm Air Space 150mm Rigid Insulation Drainage Mat w/ filter fabric below grade Membrane Waterproofing SWP1 Concrete Grade Beam (Refer to Drawings)
EW13	-	-	100 300 416	**Foundation Wall Grade Beam (Child Care)** Free Draining Compacted Granular Fill (Refer to Geotechnical Report) 100mm Rigid Insulation Drainage Mat w/ Filter Fabric Membrane Waterproofing SWP1 Concrete Grade Beam Substrate (Refer to Structural Drawings)

Exterior Backup Wall Types

TYPE	FRR	RSI	ASSEMBLY	DESCRIPTION
EB50	-	-	16 152 16 184	**Wind Load Bearing Steel Stud Backup Wall (Recreation)** 16mm Exterior Sheathing Board 152mm Lateral Engineered Load-Bearing Cold Formed Metal Framing 16mm Gypsum Board
EB96G	-	-	16 140 16 172	**Load Bearing Wood Stud at Exterior Wall (Child Care)** 16mm Gypsum Board 38x140mm Wood Studs (2x8) - Refer to Structural for Spacing 16mm Plywood Sheathing Refer to Structural drawings for locations of load-bearing walls

Parapet Wall Types

TYPE	FRR	RSI	ASSEMBLY	DESCRIPTION
PW1	-	-	16 152 16 75 215	**Parapet Wall Type 1 (Recreation)** 2-Ply Modified Bituminous Membrane 16mm Sheathing Board 75mm Semi-Rigid Insulation Air/Vapour Barrier 16mm Sheathing Board Steel Support w/ Batt Insulation 16mm Sheathing Board
PW2	-	-	16 140 25 16 232	**Parapet Wall Type 2 (Child Care)** 2-Ply Modified Bituminous Membrane 16mm Sheathing Board 75mm Semi-Rigid Insulation Air/Vapour Barrier Membrane 16mm Plywood Wood Stud Support Framing w/ Batt Insulation 16mm Plywood
PW3	-	-	300 16 75 391	**Parapet Wall Type 3 (Recreation)** 2-Ply Modified Bituminous Membrane 16mm Sheathing Board 75mm Rigid Insulation Air/Vapour Barrier Concrete Substrate
PW4	-	-	68 201 16 285	**Parapet Wall Type 4 (Child Care)** 2-Ply Modified Bituminous Membrane 16mm Sheathing Board 200mm Semi-Rigid Insulation Air/Vapour Barrier Refer to Drawings for Substrate
PW5	-	-	16 50 16 140 16 50 16 304	**Parapet Roof Curb Type 5 (Child Care)** 2-Ply Modified Bituminous Membrane 16mm Sheathing Board 50mm Semi-Rigid Insulation Air/Vapour Barrier Membrane 50mm Semi-Rigid Insulation 16mm Sheathing Board 2-Ply Modified Bituminous Membrane

Exterior Floor Types

TYPE	FRR	RSI	ASSEMBLY	DESCRIPTION
XF1	-	-	250 200 50	**Exterior Concrete Slab at Exterior Doors** 200mm Structural Slab 100mm Void Form 150 Granular base Refer to Geotechnical Report for Granular Base and Sub-Base Criteria

Abbreviations List

A

ABM	Air Barrier Membrane
ACMU(#)	Architectural Concrete Masonry Unit (Type No.)
ACONC	Architectural Concrete
ACP(#)	Acoustic Ceiling Panel (Type No.)
ACT(#)	Acoustic Ceiling Tile (Type No.)
AD	Area Drain
Add	Addendum
Adj	Adjustable
ADO	Automatic Door Operator
AF	Above Floor
AFF	Above Finished Floor
AHU	Air Handling Unit
Alum	Aluminum
AP	Access Panel
Approx	Approximate
Arch	Architectural
AV	Audio Visual
AVBM(#)	Air Vapour Barrier Membrane
AWP(#)	Acoustic Wall Panel (Type No.)

B

BBD	Tile Backer Board (In lieu of GB behind CT)
BF	Barrier Free
BH	Bore hole
BM	Benchmark
BR	Bumper Rail
BT(#)	Base Type (Type No.)

C

Cam	Security Camera
CBD	Cement Board
CC	Child Care Centre
CG	Corner Guard
CH	Coat Hook
CJ	Control Joint
CL	Centre line
CLG	Ceiling
CMU	Concrete Masonry Unit
CO	Clean out
Col	Column
Conc(#)	Concrete (Type No.)
ConJT	Construction Joint
Cont	Continuous
CPH	Concealed Panic Hardware
CPT(#)	Carpet (Type No.)
CR	Chair Rail
CROD	Curtain Rod
CT	Curtain Track
CTR	Centre
Cur(#)	Curtain (Type No.)
CW(#)	Curtain Wall (Type No.)
CWADS	City of Winnipeg Accessibility Design Standard

D

Demo	Demolition
DEPT	Department
DF	Drinking Fountain
Dia	Diameter
Diff	Diffuser
Dim	Dimension
Disp	Dispenser
Div	Division
DN	Down
DWG	Drawing

E

EA	Each
EF(#)	Epoxy Flooring (Type No.)
EHO	Electric Hold Open
Elec	Electrical
Elev	Elevator
EPT(#)	Epoxy Terrazzo
EQ	Equal
EQP	Equipment
ES(#)	Eyewash Station (Type No.)
EW(#)	Exterior Wall Type
EXG	Existing
EXP	Exposed
EXPNJT(#)	Expansion Joint
EXPSTR	Exposed Structure

F

FF(#)	Gypsum Board Furring (Type No.)
FA	Fire Alarm
FCU	Fan Coil Unit
FD	Floor Drain
FE	Fire Extinguisher
FEC	Fire Extinguisher Cabinet
FH	Fire Hydrant
FHC	Fire Hose Cabinet
Fin(#)	Finish(Type No.)
FL	Floor or Flooring
FLC(#)	Floor Coating Concrete Sealant (Type No.)
FLGR(#)	Floor Grille (Type No.)
FN(#)	Fence (Type No.)
FR	Fire-rated
FRR	Fire Resistance Rating
FRTR	Fire Retardant Treated
FS	Full-size

G

GA	Gauge
GALV	Hot Dipped Galvanized
GB	Gypsum Board
GBC(#)	Gypsum Board Ceiling (Type No.)
GBR	Grab Bar
GC	Contractor (General Contractor)
GDRL(#)	Guardrail (Type No.)
GFRG	Glass Fibre Reinforced Gypsum
GL(#)	Glass (Type No.)
GMU	Glass Masonry Unit
GT(#)	Geotextile Filter Fabric (Type No)
GYP	Gypsum Board

H

HB	Hose Bib
HDRL(#)	Handrail
HM	Hollow Metal
HM(#)	Hollow Metal Door Type
Hor	Horizontal
HP	High Point
HR	Hour
HSS	Hollow Steel Section
HT	Height
HVAC	Heating Ventilating and Air Conditioning

I

ID	Inside Diameter
IFRM	Intumescent Fire-Resistive Material
INT	Interior
INS	Insulated
INS(#)	Insulation Type (#)
INV	Invert
IT	Information Technology

J

JAN	Janitor
JT	Joint

K

KG	Kilogram
KO	Knockout

L

L	Large
L(#)	Level (No.)
LAM	Laminated
LAV	Lavatory
LINO	Linoleum
LP	Low Point
LX(#)	Locker (Type No.)
LV(#)	Louver (Type No.)

M

M	Metre
M(#)	Concrete Masonry Unit Wall (Type No.)
Max	Maximum
Mech	Mechanical
Mezz	Mezzanine
MG	Make Good
MH	Maintenance Hole
Mic	Microphone
MIN	Minimum
MIRR	Mirror
MISC	Miscellaneous
MiscMTL	Miscellaneous Metal
MPR	Multipurpose Room
MR(#)	Fire Rated Concrete Masonry Unit Wall (Type No.)
MWK	Millwork
MM	Millimetre
MO	Masonry Opening
MTL	Metal

N

NA	Not Applicable
NBC	Manitoba Building Code
NFHB	Non-Freeze Hose Bib
NIC	Not in Contract
No	Number
NRC	Noise Reduction Coefficient
NS	Non-slip (Slip Resistant)
NTS	Not to Scale

O

OC	On Center
OD	Outside Diameter
OHD(#)	Overhead Door (Type No.)
Opp	Opposite
OWSJ	Open Web Steel Joist

P

P(#)	Gypsum Board Partition (Type No.)
PCONC	Precast Concrete
PE(#)	Moveable Partition (Type No)
PERF	Perforated
PH(#)	Phenolic Partition and Door System (Type No.)
Plas(#)	Plaster (Type No.)
PLam(#)	Plastic Laminate (Type No.)
PLWD	Plywood
Pol	Polished
PPT	Prime Painted
PR(#)	Fire Rated Gypsum Board Partition (Type No.)
Prefab	Prefabricated
Prefin	Prefinished
Proj	Projection
PS	Pre-School
PS(#)	Shaft Wall (Type No.)
PSB	Pole Socket - Badminton
PSF	Pounds per Square Foot
PSH(#)	Horizontal Shaft Wall (Type No.)
PSI	Pounds per Square Inch
PSV	Pole Socket - Volleyball
PT	Paint Finish
PT(#)	Paint (Type No.)
PTD	Paper Towel Disposal
PTDD	Paper Towel Dispenser
PTR	Paper Towel Receptor
PVA	Polyvinyl Acetate
PVC	Polyvinyl Chloride

R

R	Radius
R(#)	Roof Type (Type No.)
RAD	Radator
RBM	Root Barrier Membrane
RC	Reinforced Concrete
RCP	Reflected Ceiling Plan
RD	Roof Drain
Rec	Recreation Centre
Ref	Reference
Refr	Refrigerator
Rev	Revision
RFL(#)	Resilient Flooring
RFS	Room Finish Schedule
RM	Room
RO	Rough Opening
RP	Removable Panel
RPM	Revolutions Per Minute
RSF (#)	Resilient Sports Flooring (Type No.)
RSJ	Rod & Shelf Unit
RT (#)	Resilient Tile (Type No.)
RTU	Roof-Top Unit
RWL	Rainwater Leader

S

S(#)	Soffit Type (Type No.)
SBO	Supplied by Owner (for contractor installation)
SC	Screen
SC(#)	Screen Type (Type No.)
SD	Soap Dispenser
Sect	Section
SF(#)	Sub Floor (Type No.)
SFRM	Sprayed Fireproofing
SHRC	Shower Rod & Curtain
SHWR	Shower
Sim	Similar
SND	Sanitary Napkin Dispenser
SNR	Sanitary Napkin Receptor
SPK	Speaker
SP(#)	Spandrel Panel Type No.
Spec	Specification
SPLR	Sprinkler
SQ	Square
SS	Stainless Steel
SSG	Silicone Structural Glazed
SS(#)	Solid Surface Material (Type No.)
ST_	Stain
STC	Sound Transmission Class
STD	Standard
STL	Steel
STL/D	Steel Deck
Stn	Station
Stg	Storage
Struc	Structural
Susp	Suspended
SVC	Sprinkler Valve Cabinet
SWP(#)	Sheet Waterpoofing (Type No.)

T

TB(#)	Tackboard (Type No.)
T&G	Tongue and Groove
TBC	To be Confirmed
Tel	Telephone
Terr	Terrazzo
Tex(#)	Textile (Type No.)
Thr(#)	Threshold (Type No.)
TL(#)	Tile (Type No.)
TOC	Top of Curb
TOCS	Top of Concrete Slab
TOL	Top of Ledge
TOS	Top of Steel
TOW	Top of Wall
TP	Toilet Partition
TPH	Toilet Paper Holder
TR(#)	Floor Transition Type No.
TT(#)	Traffic Topping (Type No.)
TWS(#)	Tactile Warning Strip Indicators (Type No)
TXF	Textured Finish
Typ	Typical

U

UC	Undercut
UC REF	Undercounter fridge
U/S	Underside
U/SS	Underside Soffit
UPS	Uninterruptible Power Supply
UH	Unit Heater
UTR	Universal Toilet Room

V

V	Vinyl
Vert	Vertical
Vest	Vestibule
VWC(#)	Vinyl Wall Covering

W

W	Width
W/	With
WA(#)	Washroom Accessory (Type No.)
WBD	Whiteboard
WC	Water Closet
W/C	Water Closet
WD	Wood
WDFL(#)	Athletic Wood Flooring Type No.
WDP(#)	Wood Panel Type No.
WDVN(#)	Wood Veneer Type No.
WDU	Waste Disposal Unit
WM	Wire Mesh
WMD	Wire Mold
WP(#)	Wall Protection (Type No.)
WPM	Waterproofing Membrane
WR	Washroom
WS(#)	Window Shades (Type No.)
WTS	Waterproof Traffic Surfacing
WWF	Welded Wire Fabric

diamond schmitt

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Winnipeg
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MUNICIPAL ACCOMMODATIONS DIVISION
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Manitoba

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No.	Date	Description
1	2023/12/11	Contract Documents
3	2026/01/29	Addendum 4

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South Winnipeg Recreation Campus Phase 1
Address: 15 Ruth Crossing & 25 Ruth Crossing
Winnipeg, MB
Consultant Project No: 220007
City of Winnipeg Project No: 2020-127
City of Winnipeg Tender No: 63-2025B

Exterior Building Elements
As indicated
A040

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