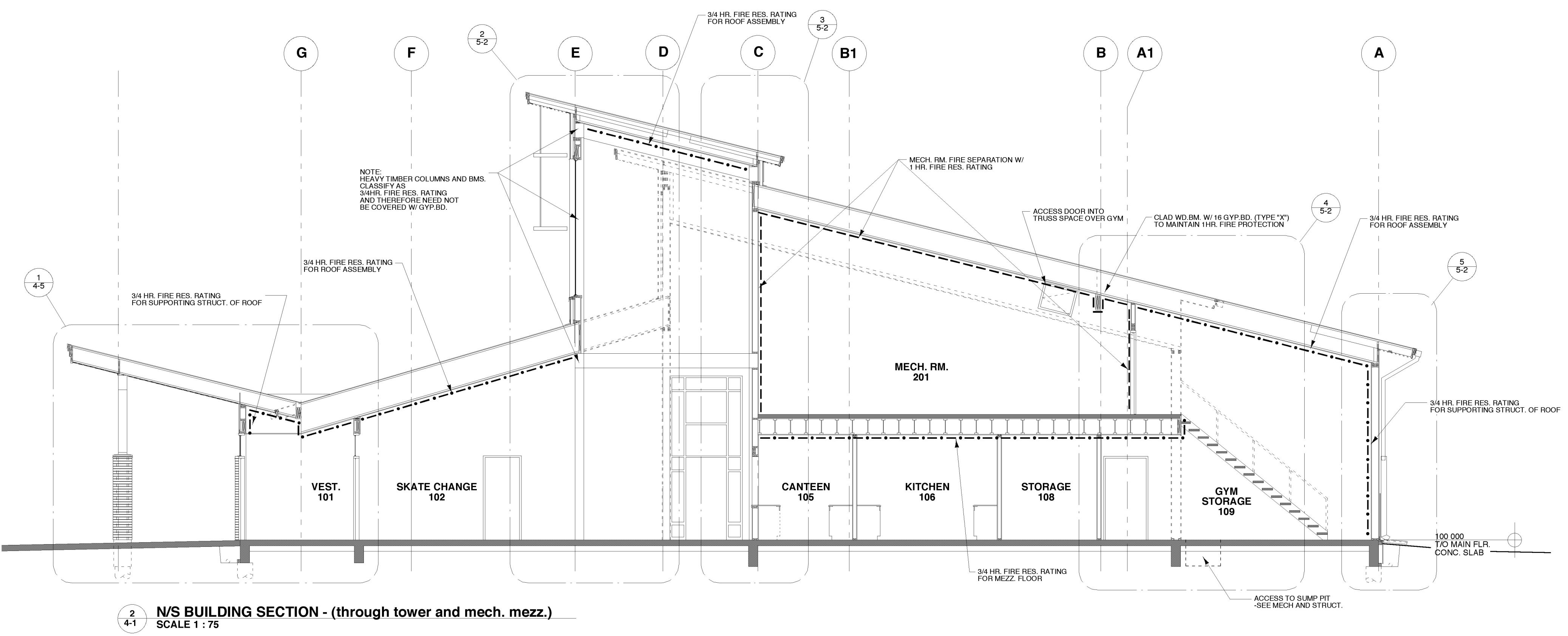


1  
4-1 N/S BUILDING SECTION - (through washroom and gym)  
SCALE 1 : 75



2  
4-1 N/S BUILDING SECTION - (through tower and mech. mezz.)  
SCALE 1 : 75

**ROOF CONSTRUCTION TYPES:**

**ROOF CONSTR. TYPE R1**

- LOW SLOPE SHINGLES ON ROOFING FELT (AS SPEC'D.)
- 1/2\"/>

**ROOF CONSTR. TYPE R2**

- LOW SLOPE SHINGLES ON ROOFING FELT (AS SPEC'D.)
- 1/2\"/>

**ROOF CONSTR. TYPE R3**

- MOD. BIT. ROOFING (AS SPEC'D.)
- 1/2\"/>

**EXTERIOR WALL CONSTRUCTION TYPES:**

**WALL CONSTR. TYPE W1**

- 90 MASONRY VENEER (AS SPEC'D.)
- 2\"/>

**WALL CONSTR. TYPE W2**

- FIBER CEMENT PANELS ON FURRING (AS DETAILED) (AS SPEC'D.)
- AIR BARRIER (TYPE G)
- 13 OSB OR PLYWOOD SHEATHING
- 38X140 WD. STUDS @ 406 O/C (UNLESS NOTED BY STRUCT.)
- 140 BATT. INSUL. (TOTAL R-20)
- 6 MIL. POLY V.B. (TYPE F)
- 1/2\"/>

**WALL CONSTR. TYPE W2 (VENTED)**

- FIBER CEMENT PANELS ON FURRING (AS DETAILED) (AS SPEC'D.)
- AIR BARRIER (TYPE G)
- 13 OSB OR PLYWOOD SHEATHING
- 38X140 WD. STUDS @ 406 O/C (SEE STRUCT.)
- 140 BATT. INSUL. (TOTAL R-20)
- 6 MIL. POLY V.B. (TYPE F)
- 1/2\"/>

**WALL CONSTR. TYPE W3**

- PREFIN. VERT. MTL. SIDING (AS SPEC'D.)
- AIR BARRIER (TYPE G)
- 13 OSB OR PLYWOOD SHEATHING
- 38X140 WD. STUDS @ 406 O/C (SEE STRUCT.)
- 140 BATT. INSUL. (TOTAL R-20)
- 6 MIL. POLY V.B. (TYPE F)
- 1/2\"/>

**WALL CONSTR. TYPE W3 (VENTED)**

- PREFIN. VERT. MTL. SIDING (AS SPEC'D.)
- AIR BARRIER (TYPE G)
- 13 OSB OR PLYWOOD SHEATHING
- 38X65 VERT. STUDS @ 406 O/C (VENT SPACE) (SEE STRUCT. FOR FASTENING)
- 38X89 HORIZ. NAILERS @ 610 O/C

**WALL CONSTR. TYPE W4**

- CEMENT STUCCO ON WIRE MESH (AS SPEC'D.)
- AIR BARRIER (TYPE G)
- 13 OSB OR PLYWOOD SHEATHING
- 38X235 WD. STUDS @ 406 O/C (SEE STRUCT.)
- WITH BLT. UP WD. COLUMNS AND HORIZ. GIRTS (AS PER STRUCT.)
- 89 BATT. INSUL. AND 140 BATT INSUL. (TOTAL R-32)
- 6 MIL. POLY V.B. (TYPE F)
- 1/2\"/>

**WALL CONSTR. TYPE W4 (VENTED)**

- CEMENT STUCCO ON WIRE MESH (AS SPEC'D.)
- AIR BARRIER (TYPE G)
- 13 OSB OR PLYWOOD SHEATHING
- 38X65 VERT. STUDS @ 406 O/C (VENT SPACE) (SEE STRUCT. FOR FASTENING)
- 38X89 HORIZ. NAILERS @ 610 O/C

**FLOOR CONSTRUCTION TYPES:**

**FLOOR CONSTR. TYPE F1**

- FINISH FLOORING (AS SPEC'D.)
- STRUCT. CONC. SLAB ON VOID FORM (SEE STRUCT.)
- 10 MIL. POLY V.B.

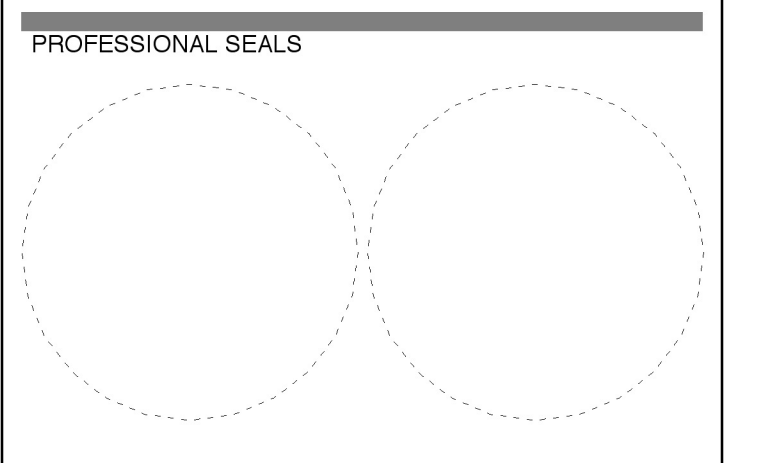
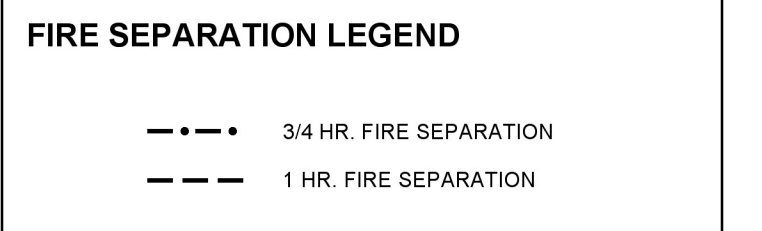
**FLOOR CONSTR. TYPE F2**

- FINISH FLOORING (AS SPEC'D.)
- 100 CONC. SLAB (SEE STRUCT.) W/ CONC. SEALER FINISH (AS SPEC'D.)
- 6 MIL. POLY V.B.
- 1/2\"/>

REVISIONS		
NO.	DATE	PARTICULARS
0	2003-07-31	ISSUED FOR DESIGN REVIEW
0	2004-07-12	ISSUED - ACCESSIBILITY REVIEW
0	2004-07-12	ISSUED - PUBLIC WORKS REVIEW
0	2004-10-28	FINAL - PUBLIC WORKS REVIEW
0	2004-12-22	ISSUED FOR TENDER
1	2005-03-23	EXPANDED TENDER

**GENERAL NOTES**

- REFER TO MEC CODE ANALYSIS ON COVER DWG. A1-0 STATING MEZZANINE FLOOR AND ROOFS AND COMBUSTIBLE WALLS SUPPORTING THEM ARE TO BE PROTECTED W/ 3/4 HR. FIRE RES. RATING. (THEREFORE ENSURE 1/2 GYP BD. (TYPE 'X') IS APPLIED TO US OF ALL WOOD ROOFS AND WOOD SUPPORTING WALLS HAVE 1/2 GYP BD. (TYPE 'X') APPLIED OVER THE STUDS.
- AT WOOD WALLS SUPPORTING A WOOD ROOF STRUCTURE WRAP 1/2 TYPE 'X' GWB INTO OPENINGS. (TYP.)
- KNOCK OUT HOLES IN TJI ROOF JOISTS TO ALLOW CROSS VENTILATION
- AT CURVED WALLS REPLACE WALL BASE, SILL AND TOP PLATES W/ 1/2 PLY SHEATHING CUT TO RADIUS AND LAYERED UP TO HT. OF TYP. PLATES.



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**PROJECT TITLE**

**RED RIVER COMMUNITY CENTRE REDEVELOPMENT**

**LOCATION**  
WINNIPEG, MB  
293 MURRAY AVENUE

**CLIENT**  
THE CITY OF WINNIPEG

**DRAWING TITLE**  
Building Sections

DRAWN	APPROVED	DRAWING
PP	DT	A4-1
SCALE	DATE ISSUED	
1:75	2005-03-23	
JOB NUMBER	DATE PLOTTED	REVISION
2003-06	3/24/05	R-1

ORIGINAL SEALED BY:  
Dudley T. Thompson  
B.E.S. B.Arch. M.R.A.I.C.  
M.A.A. O.A.A. S.A.A.  
Date: 2005-03-23