

ROOF CONSTR. TYPE R1

- LOW SLOPE SHINGLES ON ROOFING FELT (AS SPEC'D.)
- 16 T&G PLY SHEATHING OR 13 T&G PLY SHEATHING (SEE STRUCT. FOR LOCATIONS) WOOD JOISTS/TRUSSES (SEE STRUCT.) - 6 MIL. POLY V.B. (TYPE 'F') 16 GYP.BD.

ROOF CONSTR. TYPE R2

- 6 MIL. POLY V.B. - 16 GYP.BD.

ROOF CONSTR. TYPE R3

- MOD.BIT. ROOFING (AS SPEC'D.) 16 T&G PLY SHEATHING (SEE STRUCT.)
 WOOD JOISTS (SEE STRUCT.) - 19X140 CEDAR SPACED AS DÉTAILED (FINISH AS SPEC'D.)

EXTERIOR WALL CONSTRUCTION TYPES:

WALL CONSTR. TYPE W1

- 90 MASONRY VENEER (AS SPEC'D.) - 25 VENT SPACE 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)

- 2 LAYERS 16MM STRAW BOARD

(AT 38X185 STUD WALLS PROVIDE (2) LAYERS 89 BATT. INSUL. (TOTAL R-24)

13 OSB OR PLYWOOD SHEATHING

(SEE STRUCT. FOR WALLS W/38X185 WD.STUDS OR 38X235 WD STUDS)
(AT 38X185 STUD WALLS PROVIDE (2) LAYERS 89 BATT. INSUL. (TOTAL R-24)

- FIBER CEMENT PANELS ON FURRING (AS DETAILED) (AS SPEC'D.) - AIR BARRIER (TYPE 'G')
- 13 OSB OR PLYWOOD SHEATHING

(REMAINDER OF WALL CONSTR. SIM .TO W2)

WALL CONSTR. TYPE W3

- PREFIN. VERT. MTL. SIDING (AS SPEC'D.) - AIR BARRIER (TYPE 'G') - 13 OSB OR PLYWOOD SHEATHING - 6 MIL POLY V.B. (TYPE 'F') - 16 GYP.BD. (TYPE 'X') - 2 LAYERS 16MM STRAW BOARD

(NOTE:) (SEE STRUCT. FOR WALLS W/38X185 WD.STUDS) (AT 38X185 STUD WALLS PROVIDE (2) LAYERS 89 BATT. INSUL. (TOTAL R-24)

WALL CONSTR. TYPE W3 (VENTED)

(REMAINDER OF WALL CONSTR. SIM .TO W3)

- CEMENT STUCCO ON WIRE MESH (AS SPEC'D.)
- AIR BARRIER (TYPE 'G')
- 13 OSB OR PLYWOOD SHEATHING - 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') - 16 GYP.BD. (TYPE 'X')

(NOTE:)
(SEE STRUCT. FOR WALLS W/38X185 WD.STUDS)
(AT 38X185 STUD WALLS PROVIDE (2) LAYERS 89 BATT. INSUL. (TOTAL R-24)

- 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 F2

(SIMILAR TO ULC DESIGN NO. M508, 1 HOUR F.R.R.) - 100 CONC. SLAB (SEE STRUCT.) W/CONC.SEALER FINISH (AS SPEC'D.)

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

ROOF CONSTRUCTION TYPES:

LOW SLOPE SHINGLES ON ROOFING FELT (AS SPEC'D.)
16 T&G PLY SHEATHING (SEE STRUCT.)
TOP LAYER OF WOOD JOISTS (ROOF SUPPORT) (SEE STRUCT.) - BOT. LAYER OF WOOD JOISTS (CEILING SUPPORT) (SEE STRUCT.)

- 6 MIL POLY V.B. (TYPE 'F') - 16 GYP.BD. (TYPE 'X')

(SEE STRUCT. FOR WALLS W/38X185 WD.STUDS)

WALL CONSTR. TYPE W2

- FIBER CEMENT PANELS ON FURRING (AS DETAILED) (AS SPEC'D.)
(FOR VENTED WALL SEE W2 VENTED BELOW)

- 38X140 WD. STUDS @ 406 O/C (SEE STRUCT.) - 140 BATT. INSUL. (TOTAL R-20) - 6 MIL POLY V.B. (TYPE 'F')

- 16 GYP.BD. (TYPE 'X') - 2 LAYERS 16MM STRAW BOARD

(AT 38X235 STUD WALLS PROVIDE 140 BATT. AND 89 BATT. INSUL. (TOTAL R-32)

WALL CONSTR. TYPE W2 (VENTED)

- 38X65 VERT. NAILERS @ 406 O/C (VENT SPACE) (SECURE TO WALL STUDS)

38X140 WD. STUDS @ 406 O/C (SEE STRUCT.)

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

WALL CONSTR. TYPE W4 (VENTED)

(REMAINDER OF WALL CONSTR. SIM. TO W4)

FLOOR CONSTR. TYPE F1

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

100 CONG. SLAB (SEE STRUCT.) W CONG. SEALER FINISH
6 MIL POLY V.B.
19 T&G PLY SHEATHING ON WD. JOISTS (SEE STRUCT.)
R-20 BATT. INSUL IN JOIST SPACE (SOUND CONTROL)
16 GYP.BD. (TYPE 'X')

ORIGINAL SEALED BY:

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

GENERAL NOTES

OVER THE STUDS.

1. REFER TO MBC 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 16 GYP.BD. (TYPE 'X') IS APPLIED TO U/S OF ALL WOOD ROOFS AND WOOD SUPPORTING

WALLS HAVE 16 GYP.BD. (TYPE 'X') APPLIED

2. AT WOOD WALLS SUPPORTING A WOOD ROOF STRUCTURE WRAP 16 TYPE 'X' GWB INTO OPENINGS. (TYP.)

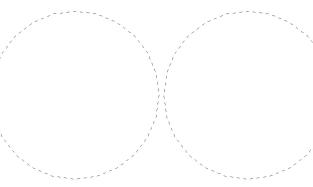
3. KNOCK OUT HOLES IN TJI ROOF JOISTS TO ALLOW CROSS VENTILATION

4. AT CURVED WALLS REPLACE WALL BASE, SILL AND TOP PLATES W/ 19 PLY SHEATHING CUT TO RADIUS AND LAYERED UP TO HT. OF TYP. PLATES.

FIRE SEPARATION LEGEND

— • — • 3/4 HR. FIRE SEPARATION — — 1 HR. FIRE SEPARATION

PROFESSIONAL SEALS



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PROJECT TITLE

RED RIVER COMMUNITY CENTRE REDEVELOPMENT

WINNIPEG, MB **293 MURRAY AVENUE**

CLIENT THE CITY OF WINNIPEG

2003-06

DRAWING TITLE **Building Sections**

| DRAWN | APPROVED | DRAWING |
|------------|--------------|---------------|
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| 1:75 | 2005-03-23 | |
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3/24/05

R-1