

ADDRESS: 510 MAIN ST. PROJECT No: 07-232-01 DATE: 2008/06/11 FILE NAME: A3 - SCHEDULE NOTES.dwg DESCRIPTION: SCHEDULES & NOTES

- 1.1 SELECTIVE DEMOLITION**
- Erect and maintain weatherproof closures for exterior openings.
 - Erect and maintain temporary partitions to prevent spread of dust, odours, and noise to permit continued Owner occupancy.
 - Protect existing materials which are not to be demolished.
 - Disconnect remove, cap, and identify designated utilities within demolition areas.
 - Demolish in an orderly and careful manner. Protect existing supporting structural members.
 - Remove demolished materials from site except where specifically noted otherwise. Do not burn or bury materials on site.
 - Remove materials as Work progresses. Upon completion of Work, leave areas in clean condition.
 - Remove temporary Work.
- 1.2 METAL FABRICATION**
- Construct metal grille system to match existing.
 - Provide wire cloth on inside of grille to match existing.
 - Provide shop drawings for review prior fabrication.
- 1.3 INSULATION**
- Batt Insulation: ASTM C665; preformed glass fiber batt, roll, blanket; friction fit.
 - Acceptable manufacturers: Fibreglass Pink as manufactured by Owens Corning; Certainteed; Johns Manville.
 - Install batt insulation locations as noted on drawings without gaps or voids.
- 1.4 AIR AND VAPOUR BARRIER**
- Vapour barrier: CAN2-S1.33M, Translucent polyethylene film, 1.5 mm thick.
 - Install preformed polyethylene vapour barrier box behind all electrical boxes in exterior wall. Staple and seal flanges to film vapour barrier.
 - Prior to installation of sheet polyethylene film, provide a continuous bead of sealant around perimeter of poly film at electrical outlets and at poly wrap at doors and openings.
 - Install polyethylene film using the largest sheets possible to minimize seams. Overlap seams minimum 300 mm and provide continuous bead of sealant between layers of film. Seal any perforations with polyethylene tape.
 - Provide continuous bead of sealant along top and bottom of walls and press poly film into sealant.
 - Air Barrier: spun bonded polyolefin or polypropylene
 - Acceptable materials: Tyvek Building Wrap manufactured by Dupont Canada; Tynar Housewrap manufactured by Reemay Inc.; Styrofoam Weathermate Plus manufactured by Dow Canada.
 - Apply air barrier over exterior surfaces walls.
 - Lap minimum of 300 mm and seal with tape.

- Seal to openings. Seal to all penetrations in exterior walls.
- 1.5 PREFORMED EXTERIOR PANELS**
- Precoated Galvanized Steel: ASTM A653/A653M, 24 GA.; Coating Designation G90 (Z275); all exterior exposed surfaces of panels to have Baycoat 8000 series or WeatherX type finish. Colour to be off white.
 - Trim, Closure Pieces, Caps, Flashings and Infills: Same material, thickness and finish as exterior sheets; brake formed to required profiles.
 - Fasteners: exposed fasteners with neoprene washers, colour matched to panels.
 - Provide colour samples and shop drawings prior to fabrication.
- 1.6 FIRESTOPPING**
- Fire stopping and smoke seal systems: asbestos-free materials and systems capable of maintaining an effective barrier against flame, smoke and gases in compliance with requirements of CAN4-S115 and not to exceed opening sizes for which they are intended in accordance with CAN4-S115.
 - Acceptable Manufacturers:
 - Tremco Inc.
 - Johns Manville.
 - Hilti.
 - A/D Fire Protection Systems Inc.
 - Install firestop materials in accordance with published ULC systems.
 - Provide Shop Drawings of materials and systems prior to undertaking work.
- 1.7 SEALANT**
- Polyurethane Sealant: CAN/CGSB-19.13, single component, chemical curing, non-staining, non-bleeding, Elongation Capability 25 percent, [non-sagging]; Tremco Dymonic; PRC RC-1; Sonneborn NP-1; Vulkem 931. Colour as selected by Consultant
 - Apply sealant to exterior condition joints between siding components, etc. and where indicated on drawings.

- 1.8 METAL DOORS AND FRAMES**
- Fire Rated Frame Construction: Conform to UL 10B.
 - All doors in fire walls rated 2 hours or more shall be listed and labelled with a maximum temperature rise limitation of 250 C degrees after 30 minutes in accordance with the National Building Code.
 - Installed Door and Frame Assembly: Conform to NFPA 80 for fire rated class as scheduled.
 - Frames: 1.5 mm thick material, base metal thickness with ZF75 Colourbond coating.
 - Fabricate frames as welded unit.
 - Attach fire rated label to each fire rated door unit.
 - Provide drywall returns on all frames.
 - Doors: Fabricate hollow metal doors and panels in accordance with requirements of "Canadian Manufacturing Standards for Steel Doors and Frames" produced by the

- Canadian Steel Door and Frame Manufacturer's Association and as indicated on Drawings. Fabricate doors with hardware reinforcement welded in place.
- Honeycomb Core Doors: minimum, 1.2 mm surface sheets and, top and bottom end channels; cores filled with honeycomb material laminated under pressure to surface sheets.
 - Fire Rated Doors: Minimum, 1.2 mm surface sheets and, top and bottom end channels. Fabricate fire rated hollow metal doors in accordance with requirements of Underwriters Laboratories of Canada (ULC). Place ULC labels where visible when in installed position.
 - Mechanically interlock longitudinal seams of honeycomb core type doors weld seams and sand flush. Top and bottom of doors closed with end channels recessed and spot welded in place.
 - Reinforce and prepare doors to receive hardware.
- Install frames in accordance with CSDFMA.
 - Provide shop drawings for review prior to fabrication
- 1.9 GYPSUM BOARD ASSEMBLIES**
- Studs and Tracks: ASTM C645; galvanized sheet steel, 0.45 mm thick, C shape, with knurled faces.
 - Shaftwall studs: 0.76 mm thick; "C-H" stud to suit gypsum core board for one sided installation.
 - Fire Rated Gypsum Board: ASTM C36; fire resistive type, UL or WH rated; 16 mm thick, maximum available length in place; ends square cut, tapered edges.
 - Gypsum Coreboard: ASTM C442, 25 mm thick, maximum available size in place; tongue and groove edges, ends square cut.
 - Install slip joint head track where stud walls meet structure. Allow for 40 mm deflection. Use fire rated slip joint at rated walls.
 - Door Opening Framing: Install double studs at door frame jambs.
 - Finish in accordance with GA-214 Level 4.
- 1.10 PAINTING**
- Manufacturers: all paint used shall be listed in the Master Painters Institute approved product List - most recent edition.
 - Steel:
 - One coat alkylid primer.
 - Two coats of alkylid enamel, semi-gloss.
 - Gypsum Board:
 - One coat of primer sealer.
 - Two coats of latex acrylic enamel, eggshell.

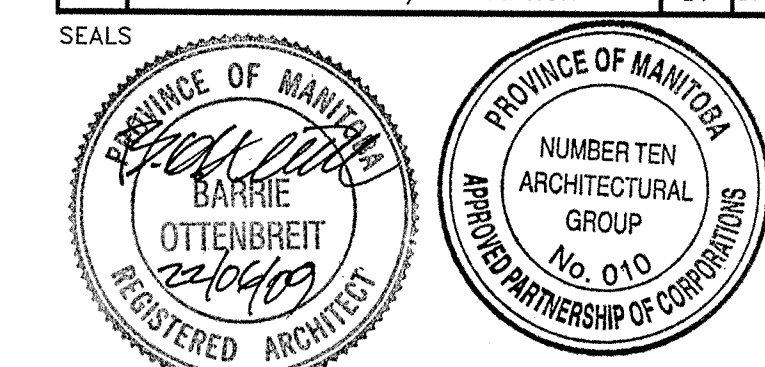
- 1.11 SEAMLESS FLOORING**
- Polyurethane seamless floor: multicoat system with coloured quartz aggregate for a total thickness of 6 mm; Stonclad HT troweled mortar system with stonkote HT4 chemical resistant topcoating, colour to be selected by the Consultant.
 - Primer, Cleaning Solvents: as recommended by the manufacturer for the specific site conditions.
 - Divider Strips: 3 mm thick, zinc, height to match material thickness, zinc.
 - Install base strips and divider strips.
 - Prepare, mix materials and apply each component of flooring system in strict accordance with CGSB 81-GP-10M and manufacturers printed directions to produce uniform monolithic wearing surface of thickness specified, with integral cove bases, uninterrupted except at divider strips.
 - Apply flooring ensuring that no laps, pin holes voids, crawls, skips or other marks or irregularities are visible, and to provide uniform appearance.
 - General: Provide 25 mm cove at junction of wall and floor. Run epoxy floor up wall to height of 150 mm.
 - Provide two samples indicating colour and surface texture for review prior to installation.

DOOR										FRAME				RATING	LINTEL TYPE
NO.	WIDTH	HEIGHT	THICK.	TYPE	MATL	CORE	FIN	CLR	HDWRE	TYPE	MATL	FIN	CLR		
D STOR	900 x 2150	x 44			HM	HC	P		AS NTD		HM	P		90MIN	
D 76EW	900 x 2150	x 44			HM	HC	P		AS NTD		HM	P		90MIN	
HARDWARE - D STOR															
QTY	DESCRIPTION	TYPE	REF NAME	FIN											
3	HINGE	IVES	3CB1 112.5mm x 100mm	630											
1 SET	SURFACE BOLT	IVES	SB454-6"-TB	626											
1	CYLINDER	BLSR	BEST IC CORE	626											
1	LOCKSET	SCAA	ND96BD RHO	626											
1	KICKPLATE	SM	K10A 300mm x 860mm	630											
1	SMOKE SEAL	KNC	W-21 6700mm	BLACK											
HARDWARE - D STOR															
QTY	DESCRIPTION	TYPE	REF NAME	FIN											
6	HINGE	IVES	3CB1 112.5mm x 100mm	630											
2 SETS	SURFACE BOLT	IVES	SB454-6"-TB	626											
2	CYLINDER	BLSR	BEST IC CORE	626											
2	LOCKSET	SCAA	ND96BD RHO	626											
2	KICKPLATE	SM	K10A 300mm x 860mm	630											
2	SMOKE SEAL	KNC	W-21 6700mm	BLACK											

NOTES :



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Winnipeg CITY OF WINNIPEG PLANNING, PROPERTY & DEVELOPMENT DEPARTMENT CIVIC ACCOMMODATIONS DIVISION 300 - 65 GARRY ST. R3C 4K4

PROJECT CITY OF WINNIPEG 510 MAIN ST. EMERGENCY DISTRIBUTION UPGRADE PHASE 1

SHEET TITLE SPEC, SCHEDULE & NOTES

SCALE N/A PROJECT NO. 07-232-01 SHEET NO. A3.0

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