

Preamble

1. This Section specifies miscellaneous technical requirements in a single "Schedule of Work" in lieu of in multiple Division 02-48 technical specification Sections.
 2. Provide all work, materials and equipment that may be reasonably inferable from the Schedule of Work as being required to produce the intended result, whether or not specifically called for.
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Item	Description of Work
02 41 19 - Selective Demolition	.1 Erect and maintain construction barriers, seal off ducts as required to prevent spread of dust and fumes.
	.2 Keep noise, dust and inconvenience to occupants to a minimum.
	.3 If requested, seal off adjacent occupied areas from dust transfer and schedule and sequence work to minimize inconveniencing occupants.
	.4 Remove, store and protect for reinstallation the following: .1 Light fixtures and ballasts as indicated on drawings. .2 Cabinet work and counters. .3 Finish hardware to be re-used.
	.5 Remove and store where directed by Owner, cabinet work and counters not scheduled to be reused.
	.6 Remove carpet and carpet accessories in Rm. 201, being careful to avoid damage to hardwood substrate and adjacent materials and finishes. Remove remaining existing adhesive and fasteners protruding from wood floor. Sand and re-finish exposed hardwood floor if surface defects cannot otherwise be removed, as directed by Owner.

05 50 10 – Window Security Grilles

- .1 Vertical Bars: minimum 15 mm diameter round steel bars to ASTM A627, grade 3, at maximum 100 mm o.c., welded to tie bars and frame.

Item	Description
.2	Horizontal Tie Bars: minimum 10 mm x 25 mm flat bar to ASTM A627, grade 3, at maximum 400 mm o.c..
.3	Frame: 25 x 25 x 6 mm steel angle to ASTM A627, grade 3, continuous all around.
.4	Secure grilles through window casings into wall framing with tamper resistant fasteners.

06 40 00 – Architectural Woodwork

- .1 Provide the following for review by Consultant prior to fabrication:
 - .1 Shop drawings of architectural woodwork clearly showing construction, components and finishes.
 - .2 Samples samples of surface finishes and panel edging on specified substrates.
- .2 Materials workmanship shall be to architectural woodwork standards published by the Architectural Woodwork Manufacturers Association of Canada, and to the quality grade indicated in the bid documents.
- .3 Birch plywood and lumber: premium stain grade.
- .4 Decorative Laminate Finishes: Grades and applications in accordance with AWS Section 4, and as follows:
 - .1 High Pressure Decorative Laminate (HPDL): Meeting CAN3 A172 or ANSI/NEMA LD3 composed of phenolic resin impregnated Kraft paper filler stock for Class 1 Decorative Laminate of Grade required by woodwork quality standard; colour as selected by Consultant and as follows:
 - .1 Self Edging Work: General Purpose Grade, HGS standard duty.
 - .2 Backing Sheet Work: BKL backing material, thickness as recommended by manufacturer to prevent warpage of surfaces, sanded on one side; furniture finish, solid white colour.

Item	Description
.5	Adhesives: Decorative laminate: polyvinyl acetate or aliphatic resin in accordance with manufacturer's recommendation for curing under pressure for bonding to wood cores, water resistant type.
.6	Casework: Custom AWMAC grade.
.7	Locks: provide five pin cylinder camlocks, keyed alike, nickel or chrome finish, for all drawers and doors. Locate locks near bottom of wall cabinet doors. Centre locks at top of drawer fronts. Hand keys over to Owner at installation.
.8	Install doors and hardware in accordance with manufacturer's printed instructions and CAN/CSA-O132.2 Series, Appendix A.
.9	Adjust doors and hardware to function freely and properly.

08 14 16 - Flush Wood Doors

- .1 Flush interior doors: to CAN/CSA-O132.2.1, wood particleboard core with birch face veneer. Paint to match adjacent existing doors.
 - .2 Stile and rail frame bonded to particleboard core, with wood lock blocks and special wood blocking for additional hardware,.
 - .3 Stiles minimum 108 mm wide. Rails minimum 80 mm wide wood top and bottom. Factory seal top and bottom edges.
 - .4 Bevel vertical edges of single acting doors 3 mm in 50 mm on lock side and 1.5 mm in 50 mm on hinge side.
 - .5 Install doors and hardware in accordance with manufacturer's printed instructions and CAN/CSA-O132.2 Series, Appendix A.
 - .6 Adjust doors and hardware to function freely and properly.
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Item	Description
08 70 00 - Finish Hardware	
.1	Only locksets and latchsets listed by Interdepartmental Qualification Board for Builders Finishing Hardware and manufactured by Yale/Corbin (excluding Yale locksets/latchsets), Sargent, LCN, Schlage are acceptable for use on this project. Finish to match existing.
.2	Coordinate hardware and ensure compatibility within each hardware set and doors and frames.
.3	Locks and latches:
.1	Mortise locks and latches: to CAN/CGSB-69.29, series 1000 mortise lock, grade 1, designed for function and keyed to existing keying system.
.4	Butts and hinges:
.1	Butts and hinges: to CAN/CGSB-69.18, non-removable pins (NRP) for exterior outswing doors and for security requirements.
.5	Hardware installation to be by qualified locksmith with a minimum of ten (10) years experience in the installation of mortise hardware, to standard hardware location dimensions in accordance with Canadian Metric Guide for Steel Doors and Frames (Modular Construction) prepared by Canadian Steel Door and Frame Manufacturer's Association.
.6	Door 102-1 to 2309: dimensions as per drawings x PSF
	3 Butts CB179 114mm x 101mm 652
	1 Locksets (F15) L9485L-03B 626
	1 Abloy Cylinder Protec 2 CY415T x 28 x Cam To Suit 626
	1 Closer 1461 DA 689
	1 Kick Plate K10A-400mm x 860mm 32D
	1 Floor Stop S109 26D

Item	Description	
	.7 Door LAN-1 to LAN: dimensions as per drawings x PSF	
	3 Butts CB179 114mm x 101mm NRP	652
	1 Locksets (F15) L9485L-03B x Less "Do Not Disturb Indicator"	626
	1 Abloy Cylinder Protec 2 CY415T x 28 x Cam To Suit	626
	1 Closer 1461 DEL	689
	1 Kick Plate K10A-400mm x 860mm	32D
	1 Floor Stop S109	26D
	.8 Door 201-1 to 201: dimensions as per drawings x PSF	
	3 Butts CB179 114mm x 101mm	652
	1 Locksets (F15) L9485L-03B x Less "Do Not Disturb Indicator"	626
	1 Abloy Cylinder Protec 2 CY415T x 28 x Cam To Suit	626
	1 Closer 1461 DA	689
	1 Kick Plate K10A-400mm x 860mm	32D
	1 Floor Stop S109	26D
09 29 00 - Gypsum Board	.1 Regular gypsum board: to ASTM C 36/C 36M-01, edges tapered.	
	.2 Metal studs and track: minimum 0.50 mm thick galvanized sheet steel with openings for services.	
	.3 Joint Compound and Tape: to ASTM C 475-01, Specification for Joint Compound and Joint Tape for Finishing Gypsum Board.	
	.4 Fasteners: to ASTM C 954-00, Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs From 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness.	
	.5 Installation: to ASTM C 840-01, Specification for Application and Finishing of Gypsum Board.	
	.6 Erect gypsum board and tape joints to CSA A82.31-1977.	

Item	Description
09 91 05 - Painting	<ul style="list-style-type: none">.1 Prepare surfaces and paint surfaces to Premium MPI Manual finish requirements with application methods in accordance with best trade practices for type and application of materials used..2 Use only products listed under Approved Products section of the MPI Architectural Painting Specification Manual..3 Match colours and gloss to existing..4 Continue paint finishes behind wall mounted items..5 Apply paint systems recommended in MPI Manual for the applicable substrate. Use one single manufacturer's products for each system used..6 Provide an itemized list complete with manufacturer, paint type and colour coding for all colours used for Owner's later use in maintenance.

10 10 10 – Reflective Window Film

- .1 Polyester, metalized reflective window film and as follows:
 - .1 Light to Solar Gain Ratio (visible light transmittance/solar heat gain coefficient): minimum 1.0.
 - .2 Solar Heat Gain Coefficient: maximum 0.3.
- .2 Acceptable Manufacturers: SolarGard-St.Gobain, 3M.
- .3 Apply in accordance with manufacturer's printed instructions.

For electrical specifications, refer to electrical drawings.

END OF SECTION

Item	Description
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