
DIVISION 06 WOOD, PLASTICS AND COMPOSITES

Section 06 10 00 Rough Carpentry

- 1 Wood framing systems are not permitted in whole or in part of any structural system.
- 2 See DC350, Part 1, Section 2, Division 06, item 06 10 00.
- 3 Stage subfloor construction:
 - 3.1 Tongue & Groove
 - 3.1.1 Construct the stage floor using 16mm T&G.
 - 3.1.2 Select Spruce plywood (base sheet permanently nailed in place), and 10mm Square Edge G.I.S. Poplar plywood (finish sheet, screwed in place for ease of removal) painted flat black, and supported by wood framing. The wood framing support for the plywood floor shall consist of either: 2" x 6" S-P-F stud support walls supporting 2" x 6" S-P-F joists @ 16" o/c; or, 16 x 89 KD S-P-F strapping installed on its flat, secured at 24" o/c, to a concrete slab-on-deck with approved fasteners.

Section 06 20 00 Finish Carpentry

- 1 Reference Standards
 - 1.1 Do millwork to Quality Standards of Architectural Woodwork Manufacturers' Association of Canada.
- 2 Cabinet Construction
 - 2.1 All Cabinet construction shall be hardwood plywood veneer core or melamine surfaced multicore panels constructed to the requirements of Part 1, Section 2, Division 06, 06 20 00. Particle core is not an acceptable core material for use in school cabinet construction.
 - 2.2 Wood type selected shall be consistent throughout the building.
 - 2.3 Finish on hardwood plywood veneer core construction to be clear urethane to manufacturer's recommendations.
- 3 Fixed Wall Mounted Coat Hooks & Hat Rack
 - 3.1 Provide fixed wall mounted coat hooks and hat rack in corridors as per Appendix C, ASK- 18.
 - 3.2 Provide fixed wall mounted coat hooks and hat rack for 20 persons in the Change and

Shower Rooms of Elementary Schools as per Appendix C, ASK-18.

4 Permanent Stage Construction

- 4.1 Where a permanent stage is required, ensure permanent stage construction of:
 - 4.1.1 2x6 @ 24" o.c. framing material or 2x4 framing material @ 16" o.c. on concrete deck with
 - 4.1.2 Sheathing: 3/4" T&G select spruce plywood, base sheet.
 - 4.1.3 Flooring: 1/2" square edge poplar plywood, finished sheet, screwed in place and painted black.
 - 4.1.4 Refer to Part 2, Section 2, Division 09, 09 64 00.

5 Storage Rooms (Building Support Services) Shelving

- 5.1 Wood/metal Shelving Units
 - 5.1.1 built-in wood/metal shelving to suit room
 - 5.1.2 layout 5 shelves high minimum amount.
 - 5.1.3 general storage:
 - 5.1.3.1 50 lineal feet x 24" deep
 - 5.1.3.2 120 lineal feet x 18" deep
 - 5.1.3.3 60 lineal feet x 12" deep

Section 06 41 00 Architectural Wood Casework

1 Custom Cabinets

- 1.1 Provide the following custom cabinets where required by project specific or program requirements. Refer to Part 2, Section 3, Room Data Sheets for typical classroom casework consisting of 14 lineal feet overall divided into four equal units.
 - 1.1.1 Typical classroom casework to be constructed in accordance with PART 2, Section 2, Division 06, 06 20 00.2.
 - 1.1.1.1 All upper custom cabinets shall include 50% open shelving area. The remaining 50% shelving area will be covered by cabinet doors.
 - 1.1.2 Refer to Part 2, Section 2, Division 05, item 05 50 00 - Metal fabrications for specification information of areas to receive metal shelving.
- 1.2 Kitchen / Laundry Unit
 - 1.2.1 A barrier free residential style kitchen/laundry unit consisting of 20 lineal feet of base and upper cabinet incorporating the following for middle and high school.
 - 1.2.1.1 a countertop range

- 1.2.1.2 a convection (accessible) oven
- 1.2.1.3 a microwave oven
- 1.2.1.4 a 30" refrigerator/freezer
- 1.2.1.5 a double sink
- 1.2.1.6 a clothes washer & dryer
- 1.2.2 For elementary schools incorporate for laundry area items only.
- 1.2.3 Lockable Cupboards (Upper cabinets):
 - 1.2.3.1 Provide lockable cupboards above kitchen/laundry unit for full length of counter.
- 1.3 Pantry Style Storage Unit
 - 1.3.1 Provide a built-in storage pantry style storage unit containing a minimum of 5 adjustable shelves x 18" deep x 6' long, with lockable doors
- 1.4 Built-in Book Case
 - 1.4.1 Built-in bookcases providing a minimum of 30 lineal feet of shelving 12" deep (i.e. 2 rows x 15' long)
- 1.5 Tray Storage Shelving
 - 1.5.1 Tray Storage Shelving to accommodate thirty storage trays each 18" x 30" x 8" slot to slot depth.
- 1.6 Tote Storage Unit
 - 1.6.1 See Appendix C, ASK-15.
- 1.7 Storage Room/Photocopy Cabinets
 - 1.7.1 Workbench Shelving Combination Unit
 - 1.7.1.1 one workbench minimum 8' long x 36" wide, 32" high complete with three 8' long x 12" shelves over.
- 1.8 Human Skeleton Cabinet
 - 1.8.1 Size and detailing to accommodate appropriate storage for 1 human skeleton.
 - 1.8.2 Lockable, glass doors
 - 1.8.3 Location:
 - 1.8.3.1 Biology Laboratory
 - 1.8.3.2 General Science Laboratories
- 1.9 Music Storage Base Cabinet

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- 1.9.1 Minimum 10 ft long
- 1.9.2 lockable doors
 - 1.9.2.1 If the area of the music storage room is incorporated into the music room, then the storage of all instruments must be in lockable cabinets sized to accommodate the various instruments.
 - 1.9.2.2 If a storage room is provided then the cabinets within the storage room can be open adjustable shelving.
- 1.10 Music Storage Wall Cabinet
 - 1.10.1 If a storage room is provided then the cabinets within the storage room can be open adjustable shelving.
 - 1.10.2 adjustable shelving
- 1.11 Laundry Station includes
 - 1.11.1 5 lineal feet of base cabinet
 - 1.11.2 Space to accommodate the following:
 - 1.11.2.1 Domestic Washing Machine
 - 1.11.2.2 Domestic Clothes Dryer
 - 1.11.2.3 Double Sink
 - 1.11.3 Location:
 - 1.11.3.1 Clothing & Textiles Area
- 1.12 General Storage Cabinet
 - 1.12.1 12 lineal feet x 24 “ deep x Floor to ceiling height
 - 1.12.2 adjustable shelving
 - 1.12.3 lockable doors
 - 1.12.4 Location:
 - 1.12.4.1 Clothing & Textiles Area
- 1.13 Production Storage Cabinet
 - 1.13.1 adjustable shelving
 - 1.13.2 lockable doors
 - 1.13.3 See Room Data Sheets, Technology Production Area, Casework .1.
 - 1.13.4 Location:
 - 1.13.4.1 Technology Production Area
- 1.14 Production Wall Cabinet
 - 1.14.1 12 lineal feet
 - 1.14.2 lockable
 - 1.14.3 Location:

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1.14.3.1 Production Area (Technology Education)

1.15 Production Work Benches

1.15.1 Each bench must accommodate 8 students

1.15.2 Contain lockable storage units with drawers

1.15.3 Location:

1.15.3.1 Production Area (Technology Education)

1.16 Kitchen (Assembly Areas) Casework

1.16.1 base and overhead cabinets as required to suit layout

1.17 Storage/Photocopy (Administration) Casework

1.17.1 Base cabinet

1.17.1.1 minimum 8' long x 24" wide x 36" high

1.17.1.2 adjustable shelving and doors

1.17.2 Wall cabinet

1.17.2.1 8' long x 36" high x 12" clear inside width

1.17.2.2 Adjustable shelving and doors

1.17.3 Floor to Ceiling Shelving

1.17.3.1 One unit, 10 lineal feet, open shelving with 6 adjustable shelves each section. Provide end gables and support gables according to 06 20 00.

END