

Part 1 General

1.1 RELATED REQUIREMENTS

- .1 Section 06 03 15 - Historic - Splicing of Wood Components.
- .2 Section 06 10 00 - Rough Carpentry.
- .3 Section 06 15 00 - Wood Decking.
- .4 Section 09 21 99 - Partitions for Minor Works.

1.2 REFERENCES

- .1 Canadian General Standards Board (CGSB)
 - .1 CAN/CGSB-51.34, Vapour Barrier, Polyethylene Sheet for Use in Building Construction.
- .2 National Fire Protection Association (NFPA)
 - .1 NFPA 909, Code for the Protection of Cultural Resources Properties, Museums, Libraries and Places of Worship.
 - .2 NFPA 914, Code for Fire Protection of Historic Structures.

1.3 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's instructions, printed product literature and data sheets for storage and protection of wood and include product characteristics, performance criteria, physical size, finish and limitations.
- .3 Shop Drawings:
 - .1 Submit drawings stamped and signed by professional engineer member of the Ordre des ingénieurs du Québec.
 - .2 Submit drawings for shelter to Departmental Representative for review and

1.4 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.
- .2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
- .3 Storage and Handling Requirements:
 - .1 Store materials off ground, in dry location, and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Store and protect wood from nicks, scratches, and blemishes.
 - .3 Replace defective or damaged materials with new.

- .4 Packaging Waste Management: remove in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

Part 2 Products

2.1 MATERIALS

- .1 Polyethylene sheet: to CAN/CGSB-51.34, Type 1, 0.15 mm thick.
- .2 Wood blocks 200 x 200 mm.
- .3 Wood battens 25 x 20 mm.
- .4 Dimension lumber.

Part 3 Execution

3.1 EXAMINATION

- .1 Verification of Conditions: verify that conditions of substrate previously installed under other Sections or Contracts are acceptable.
 - .1 Visually inspect substrate in presence of Departmental Representative.
 - .2 Inform Departmental Representative of unacceptable conditions immediately upon discovery.
 - .3 Proceed with installation only after unacceptable conditions have been remedied [and after receipt of written approval to proceed from Departmental Representative.
- .2 Inspect wood for evidence of fungi, mould, decay, damage or insect attack.
- .3 Accept wood free from evidence of fungi, mould, decay, damage or insect attack.
- .4 Stop work and report to Departmental Representative immediately evidence of deficiencies or insect and fungal attack which will affect scope of the Work, life safety or durability of finished product.

3.2 PREPARATION

- .1 Site preparation.
 - .1 Ensure drainage of ground or surface at place of storage.
 - .2 Construct or provide shelter in location approved by Departmental Representative.

3.3 PROTECTION OF IN-PLACE CONDITIONS

- .1 Protect wood elements adjacent to area of work from damage during duration of the Work.

3.4 CONSTRUCTION AND STORAGE

- .1 Storage criteria:

- .1 Prevent direct contact with ground.
- .2 Stack wood on levelled wood blocks above ground or surface to allow for air circulation.
 - .1 Stack wood in layers separated by stickers/battens placed at end of stack and spaced 600 mm apart along the length of the wood.
- .3 Cover with polyethylene sheet.
- .4 Protect wood stack from direct sunlight and precipitation.
 - .1 Build roof over stack that extends beyond edges of stack by minimum 900 mm. Hold in place with heavy weights.
- .5 Screen wood exposed to wood destroying insects or marine borers.
- .6 Maintain free air circulation by natural means for wood stored in container or other structure, attain specified moisture content.
- .2 Air-dry stored wood: achieve 15 % Moisture Content.
- .3 Prevent shape distortion during air-drying process.
- .4 Protect wood from theft and vandalism. Install protective fence.

3.5 CLEANING

- .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning.
 - .1 Leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.
- .3 Waste Management: separate waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
 - .1 Remove recycling containers and bins from site and dispose of materials at appropriate facility.

END OF SECTION