

PART 1 - GENERAL

1.1 REFERENCES

- .1 ASTM International
  - .1 ASTM A 123/A 123M-17, Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
  - .2 ASTM A 653/A 653M-17, Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvanealed) by the Hot-Dip Process.
- .2 CSA International
  - .1 CSA B111-1974(R2003), Wire Nails, Spikes and Staples.
  - .2 CSA O121-17, Douglas Fir Plywood.
  - .3 CAN/CSA-Z809-2010, Sustainable Forest Management.
- .3 National Lumber Grades Authority (NLGA)
  - .1 Standard Grading Rules for Canadian Lumber 2017.
- .4 Sustainable Forestry Initiative (SFI)
  - .1 SFI-2015-2019 Standard.

1.2 ACTION AND  
INFORMATIONAL  
SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Sustainable Design Submittals:
  - .1 Wood Certification: submit Chain-of-Custody Certificate number for CAN/CSA-Z809 or SFI certified wood.

1.3 QUALITY  
ASSURANCE

- .1 Lumber by grade stamp of an agency certified by Canadian Lumber Standards Accreditation Board.
- .2 Plywood in accordance with CSA standards.
- .3 Sustainable Standards Certification:
  - .1 Certified Wood: submit listing of wood products and materials used in accordance with CAN/CSA-Z809 or SFI.

1.4 DELIVERY,  
STORAGE AND  
HANDLING

- .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements.
- .2 Storage and Handling Requirements:
  - .1 Store materials off ground, indoors and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
  - .2 Replace defective or damaged materials with new.

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## PART 2 - PRODUCTS

### 2.1 PANEL MATERIALS: BACKBOARD

- .1 Douglas fir plywood (DFP): to CSA O121, good-one-side.
  - .1 Thickness: 19 mm.

### 2.2 ACCESSORIES

- .1 Fasteners: to suit, secure fastening to concrete block wall.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- .1 Verification of Conditions: verify conditions of substrates previously installed under other Sections or Contracts are acceptable for product installation in accordance with manufacturer's written instructions.
  - .1 Visually inspect substrate.
  - .2 Proceed with installation only after unacceptable conditions have been remedied.

### 3.2 MATERIAL USAGE

- .1 Electrical equipment mounting boards:
  - .1 Plywood, DFP good-one-side grade, square edge sanded.
    - .1 Thickness: 19 mm.
    - .2 Size: as indicated.

### 3.3 INSTALLATION

- .1 Comply with requirements of NBC 2015.
- .2 Install true to line and level.
- .3 Use dust collectors and high quality respirator masks when cutting or sanding wood panels.
- .4 Fasten to provide necessary strength and rigidity.

### 3.4 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 for reuse and recycling 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.

3.5 PROTECTION

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by rough carpentry installation.