

Part 1 General

1.1 QUALITY ASSURANCE

- .1 Identify lumber by official grade mark containing symbol of grading agency, mill number or name, grade of lumber, species or species grouping or combination designation, rules under which grade and conditions of seasoning at time of manufacture.
- .2 For products treated with preservative by pressure impregnation, submit following information certified by authorized signing officer of treatment plant:
 - .1 Information listed in AWPA.M2 and revisions specified in CAN/CSA-080 Series, Supplementary Requirement to AWPA Standard M2 applicable to specified treatment.
 - .2 Moisture content after drying following treatment with water-borne preservative.
 - .3 Acceptable types of paint, stain and clear finishes that may be used over treated materials to be finished after treatment.

1.2 ENVIRONMENTAL PROTECTION

- .1 Collect and remove from site all waste pieces and sawdust from pressure treated wood materials. Dispose of in accordance with Section 01 74 19 – Waste Management And Disposal and Section 01 35 20 LEED Sustainability Requirements.

Part 2 Products

2.1 MATERIALS

- .1 **Pressure treated timbers (for posts):** to CSA 080, pressure treated pine or fir to National Lumber Grades Authority, select grade 2 and better, all dried to a maximum moisture content of 20% prior to treating. Non-incised, CCA treatment to minimum retention of 4.0 kg/m³ for above ground use and 6.4 kg/m³ for ground contact. Colour: Cedar Tone Brown.
- .2 **All wood:** to be free of defects, any warped, checked or bent materials will be rejected.
- .3 **Hardware:** bolts, nuts, washers, lag screws, to be hot dipped galvanized, sizes to suit application.
- .4 **Preservative:** Brown, End Cut Wood Preservative type to CSA080.

Part 3 Execution

3.1 PREPARATION

- .1 Obtain Contract Administrator's approval of rough grades and layout prior to construction.

3.2 HANDLING AND USE OF TREATED TIMBER

- .1 Handle and use treated material in a manner which will avoid damage or field fabrication causing alteration in original treatment.
- .2 Treat in field, cuts and damages to surface of treated material with an appropriate, topical, end-cut preservative as described in CSA 080.1974. Ensure that damaged areas such as abrasions, nail and spike holes, are thoroughly saturated with field treatment solutions as per CSA 080.1974.

3.3 WORKMANSHIP

- .1 Construct all work according to details, using adequate fastening methods to ensure solid, durable finished work suitable for the purpose intended.
- .2 Do all nailing and fastening neatly, evenly and thoroughly.
- .3 Install all members true to line, levels and elevations. Set plumb and space uniformly.

3.4 CLEAN UP

- .1 Upon completion of work, remove debris, trim surfaces and leave work site clean.
- .2 Use only cleaning solutions and procedures that are not harmful to health, surface integrity of existing surfaces designated to remain, are not injurious to plants, and do not endanger wildlife, adjacent water courses or groundwater.

END OF SECTION

Part 1 General

1.1 DESCRIPTION

- .1 Provide all labour, methods, equipment, and accessories for the demolition, and removal of the following existing items as indicated on the drawings:
 - .1 Existing portion of asphalt pathways (as indicated on the drawings) to be removed.
 - .2 Existing trees to be removed (as indicated on the drawings)
 - .3 Existing Baseball Diamond, granular infield and backstop at the south side of site to be removed.
 - .4 Existing bleachers to be turned over to the City of Winnipeg (possible re-location to the north ball diamond); location TBD.

1.2 RELATED SECTIONS

- .1 Section 01 56 39 – Temporary Tree and Plant Protection.

1.3 REFERENCES

- .1 Canadian Federal Legislation:
 - .1 Canadian Environmental Protection Act (CEPA), 1998.
 - .2 Canadian Environmental Assessment Act (CEAA), 1995.
 - .3 Transportation of Dangerous Goods Act (TDGA), 1992.
 - .4 Motor Vehicle Safety Act (MVSA), 1995.

1.4 PROTECTION

- .1 Existing utilities and structures:
 - .1 Size, depth and location of utilities and structures as indicated are for guidance only. Completeness and accuracy are not guaranteed.
 - .2 Prior to commencing any demolition, notify applicable Contract Administrator or authorities having jurisdiction, establish location and state of use of services, utilities, pipes and other objects. Clearly identify and know locations to prevent disturbance during work.
 - .3 Maintain and protect from damage, existing utilities and infrastructure on site including but not limited to: power/electrical lines and outlets, water lines, sewer lines, roads, concrete pads, fencing, building walls, windows etc.
 - .4 Record location of maintained, re-routed and abandoned services, utilities and pipes.
- .2 Protection of trees and shrubs in accordance with Section 01 56 39 –Temporary Tree and Plant Protection.

Part 2 Products

2.1 EQUIPMENT

- .1 Use equipment best suited for applicable demolition activities. Equipment and machinery used to meet or exceed all applicable emission requirements and operate in compliance with MVSA.

Part 3 Execution

3.1 PREPARATION

- .1 Inspect job site and verify with Contract Administrator, extent and location of items designated for removal, disposal and items to remain.
- .2 Locate and protect all utilities and services. Preserve active utilities traversing site in operating condition.
- .3 Notify and obtain approval from Contract Administrator before starting demolition.

3.2 SEQUENCE OF OPERATION

.1 Removal:

- .1 Remove items as indicated on the drawings.
- .2 Do not disturb adjacent items designated to remain in place.

.2 Removal from Site:

- .1 Separate and dispose of materials not designated for salvage or re-use in work, off-site to an approved disposal / recycling area.

3.3 RESTORATION

- .1 Restore areas and existing works outside areas of demolition to match condition of adjacent, undisturbed areas.

3.4 CLEAN UP

- .1 Upon completion of work, remove debris, trim surfaces and leave work site clean.
- .2 Use only cleaning solutions and procedures that are not harmful to health, surface integrity of existing surfaces designated to remain, are not injurious to plants, and do not endanger wildlife, adjacent water courses or groundwater.

END OF SECTION