**SECTION 062020 SALVAGED AND RECLAIMED WOOD**

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***EDIT NOTE: Any Related Sections in this specification must be edited to reference this section with the addition of the following language:*Part 2 - Materials – General**2.1. Procurement Criteria – wood material used in this section is to be [Salvaged] or [Reclaimed] Wood, meeting the requirements of Section 062020.

***EDIT NOTE: Revise this Section by deleting and inserting text to meet Project-specific requirements.***

**PART 1 - GENERAL**

* 1. **SUMMARY   
     *EDIT NOTE: Delete wood sourcing that is not applicable to Project.***
     1. Section Includes:
        1. Salvaged lumber from mitigated trees on [or off] site.
        2. Reclaimed lumber from the demolition of existing structures.
     2. Related Sections:

### EDIT NOTE: Retain or delete subparagraphs below to identify Related Sections that require Salvaged or Reclaimed Wood sourcing.

* + - 1. Section 015639 “Temporary Tree & Plant Protection”
      2. Section 018160 “Wood Supply Chain Disclosure Requirements”
      3. Section 311000 "Site Clearing"
      4. Section 033000 “Cast-in-Place Concrete”
      5. Section 055010 “Landscape Metal Work”
      6. Section 061000 "Rough Carpentry"
      7. Section 062013 “Exterior Finish Carpentry”
      8. Section 062023 “Interior Finish Carpentry”
      9. Section 064023 “Interior Architectural Woodwork”
      10. Section 064100 “Architectural Wood Casework’
      11. Section 096400 “Wood Flooring”

## DEFINITIONS

### EDIT NOTE: Delete definition(s) not applicable to Project.

* + 1. Salvaged Wood: Wood from trees that were extracted or cut as a by-product of activities or natural processes not related to commercial wood supply activities. Salvaged wood includes material from trees removed for site development; trees felled by extreme weather; orchard trees exceeding their productive lifespan; and trees cut to mitigate disease.
    2. Reclaimed Wood: Wood that is obtained from demolition or deconstruction on [or off] site.

## PERFORMANCE REQUIREMENTS

* + 1. Provide salvaged wood for use in interior and exterior architectural carpentry and millwork in accordance with Contract Drawings.
       1. One sub-contractor to complete fabrication per their scope of work of each entire component.

## ACTION SUBMITTALS

* + 1. Samples: Samples: Submit [3] samples of finished wood [sanded and finished], minimum of [12] inches long representing range of grain, color and natural defects.

## INFORMATIONAL SUBMITTALS *EDIT NOTE: Retain or delete subparagraphs below as necessary to document how the Salvaged or Reclaimed wood meets project goals.*

* + - * 1. Submit “Wood Product Sourcing Transparency Form” as indicated in Section 018160 – “Wood Supply Chain Disclosure Requirements” for each source of Salvaged or Reclaimed Wood source.
        2. Digital photos of each tree proposed for reuse.
        3. Digital photos of each piece of lumber cut for use.
        4. Drawings and dimensions of each piece of lumber cut for use
        5. Drying documentation to be provided:

Provide location, method and itemization of pieces of wood dried.

If kiln dried, indicate the type of kiln, such as solar, dehumidification, RF kiln, vacuum kiln, or other.

* + - * 1. Sterilization documentation to be provided:

Provide location, method and itemization of pieces of wood sterilized.

Kiln-dried sterilization. Submit the temperature reached and duration held at that temperature.

Other methods of sterilization. Submit which sterilization efforts were made and document the method used.

## QUALITY ASSURANCE

* + 1. Qualifications: Employs skilled workers who custom fabricate products similar to those required for this Project and whose products have a record of successful in-service performance.
    2. Shop Drawings:
       1. Refer to required submittals in Related Sections [Architectural millwork, Architectural Finish Carpentry, Exterior Site Furnishings, etc]

## DELIVERY, STORAGE, AND HANDLING

* + 1. Stack lumber flat with spacers between each bundle to provide air circulation.
       1. Protect materials from weather by covering with waterproof sheeting, securely anchored.
       2. Store materials out of contact with damp or wet surfaces.
       3. Stack logs flat with spacers between each log to provide air circulation.
       4. Provide for air circulation around stacks and under coverings.

# PART 2 - PRODUCTS

* 1. **MATERIALS, GENERAL**
     1. Provide Salvaged Wood extracted from trees [on site] or [off site] and meeting the following requirements. [On-Site only: Provide Salvaged Wood elements produced using material from trees harvested on-site as a result of Site Clearing operations related to the Project [or other projects on the same site].
        1. Trees and species. [As indicated in Related Sections and Contract Drawings.] [On-Site: As indicated on Tree Mitigation Plan in Contract Documents.]
        2. Size and Dimensions: as required by application as shown in Contract Drawings.
        3. Relative moisture content: [Maximum [12] [15] percent at time of installation.] [As required by Related Sections]
        4. Wood to be [air dried] or [kiln dried] to achieve relative moisture requirements.
        5. Wood must undergo sterilization to eradicate all pests to meet ISPM 15 standards.
        6. Sourcing Radius: [Wood extraction to be within [100] miles of the Project site.] [Wood extraction to be within the maximum radius of Project sustainability requirements.]
        7. Visual Grade. ***EDIT NOTE: Use for hardwoods as applicable to Project***. Minimum [FAS], [Selects] [No. 1 & 2 Common] per NHLA G-101 Standards. [As indicated in Related Sections].
        8. Structural Grade. For wood used in elements bearing loads of [100 PSF] or more, wood must be machine graded with MSR grades meeting minimum structural criteria in the Contract Documents.
        9. All foreign objects to be removed prior to milling, and post milling wherever observed.
     2. Provide Reclaimed Wood meeting the following requirements.
        1. Species. [As indicated in Related Sections and Contract Drawings.] [On-Site: As indicated on Selective Demolition Plans].
        2. Size and Dimensions: as required by application as shown in Contract Drawings.
        3. Relative moisture content: [Maximum [12] [15] percent at time of installation.] [As required by Related Sections]
        4. Sourcing Radius: [Wood extraction to be within [100] miles of the Project site.] [Wood extraction to be within the maximum radius of Project sustainability requirements.]
        5. All foreign objects to be removed prior to milling, and post milling wherever observed.
        6. Structural Grade. For wood used in elements bearing loads of [100 PSF] or more, wood must be machine graded with MSR grades meeting minimum structural criteria in the Contract Documents.
     3. Allowable substitute materials, only when specified material supply is not sufficient for the Project. ***EDIT NOTE: Identify acceptable alternatives for wood that meets Project sustainability goals in the case that Salvaged or Reclaimed Wood supply cannot meet the project requirements.***
        1. Wood or lumber certified under USRW Certified Wood Standards. ***EDIT NOTE: USRW Certified wood is applicable only to certain wood product types.***
        2. Cambium Carbon Smart Wood. Extracted and traced from waste streams from within a [100-mile] radius from the Project.
     4. **WOOD SUPPLIER CONTACT INFORMATION   
        *EDIT NOTE: Optional. Use when local wood supplier, salvager, or fabricator has been identified for Project material needs.***
        1. Name of supplier
        2. Phone number
        3. [Email](mailto:northbaymilling@gmail.com) address
        4. Website

### EDIT NOTE: Specifications regarding fabrication of wood should be covered in the Related Sections pertaining to each specific application.

# PART 3 - EXECUTION

## EXAMINATION

* + 1. Examine substrates, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
    2. Examine materials before installation. Reject materials that are wet, moisture damaged and/or mold damaged.
    3. Proceed with installation only after unsatisfactory conditions have been corrected.

## PREPARATION

* + 1. Wood to be prepared per Related Sections in this specification ahead of delivery to site or place of fabrication.
    2. Clean wood if needed prior to installation.
    3. Debark all wood before use.

## END OF SECTION