



## PART 1 — GENERAL

### 1.1 DESCRIPTION OF WORK

- A. Work Included: Provide REDBUD ARCHITECTURAL SYSTEMS, LLC. Grille System where shown on architectural drawings, and as specified in this specification.

### 1.2 QUALITY ASSURANCE

- A. REDBUD ARCHITECTURAL SYSTEMS, LLC. Grille System for this project shall maintain the quality as instituted by the architect and A.W.I.
- B. Design Criteria: Manufacture of Grille System shall be installed true and plumb to within manufacturing tolerance of 1/8" within 8' of length.
- C. Product Construction: Wood shall be kiln dried to 10%. Cracking, checking and warpage of members will not be acceptable.

### 1.3 Submittals

- A. Technical Data: Submit manufacturer's data and installation instructions.
- B. Shop Drawings: Submit 3 copies of shop drawings showing all areas involved, attachment conditions and perimeter circumstances.
- C. Submittal Sample: Submit 1 product sample for approval by architect.

### 1.4 Delivery, Storage and Handling

- A. Material must be stored and installed only in secured ambient environment (humidity min. 25% - max. 55%, temperature not to exceed 86 degrees).
- B. Windows, doors and all wet-work must be completed before unpacking and installation. Handle carefully to avoid damage.

## PART 2 — PRODUCTS

### 2.1 Acceptable Manufacturer

REDBUD ARCHITECTURAL SYSTEMS, LLC.  
5531 E Admiral Place, Tulsa, OK 74115  
Phone (918) 832-1641 Fax (918) 832-1251

### 2.2 Product Type

- A. Product Configuration: Grille System product: RB-GB1-xxxx-y  
**Nomenclature** for product GB1-8138-C:
  - RBGB1 = RB Grille System
  - 8 = number of blades per foot
  - 138 = 1-3/8" deep
  - C = 3/4" thick blades

- B. Solid wood Grille members shall be provided in fixed panel lengths of 2' up to 10' [in 1' increments]. If wood veneer, Grille members shall be provided in fixed panel lengths of 8' or 10' lengths [limited by veneer length]. Grille panels shall be 1' and/or 2' wide.
- C. Wood Grille assembly: Factory-assembled with black backers at 12" on center.
- D. Finish: Wood finish shall utilize Redbud clear finish with satin sheen or specify custom stain to match architect sample. Back of planks shall be factory sealed.
- E. Wood specie shall be specie, solid wood or veneer.  
NOTE: Veneered blades shall have matching edge banding on one long edge.
- F. Certification: If **solid** wood, wood shall or shall not be FSC certified. If wood **veneer**, wood veneer shall or shall not be FSC certified, and the core material shall or shall not be FSC certified. If FSC, Chain of Custody shall or shall not be provided.
- G. NAUF: If veneer, the substrate material shall or shall not be manufactured with no added urea formaldehyde.
- H. Fire Rating: Grilles shall achieve a Class I(A) or Class III(C) fire rating.
- I. Attachment System: Grille Backer Wood Wall and Ceiling System shall be suspended according to manufacturers suggested method of suspension as per the design details provided in the plans.

### **PART 3 — EXECUTION**

#### **3.1 Installation**

- A. Wood Grille Backer ceiling or wall system shall be handled and installed with care in order to prevent surface and structure damage. Field cutting shall be kept to a minimum and performed as recommended by manufacturer.
- B. The ceiling system shall be suspended by HD T-grid with main runners on 2' centers and cross T's every 4'.
- C. Contractor shall clean all panels prior to installation according to manufacturer's recommended maintenance procedures. Upon completion of installation, panels shall be inspected and cleaned as needed.

### **PART 4 — WARRANTY**

#### **4.1 PRODUCT WARRANTY**

- A. REDBUD ARCHITECTURAL SYSTEMS, LLC. shall warranty the wood Grille Backer ceiling or wall system against manufacturer's defects up to one year. Changes in finish or dimensions due to ultra violet light, excessive temperature or humidity conditions and/or abuse of any kind shall void any warranties from Redbud.
- B. Install conditions for the area should remain for the proper occupied conditions of humidity and temperature (humidity min. 25% - max. 55%, temperature not to exceed 86 degrees).
- C. The contractor shall warranty for one year all work from final acceptance of completed work.