

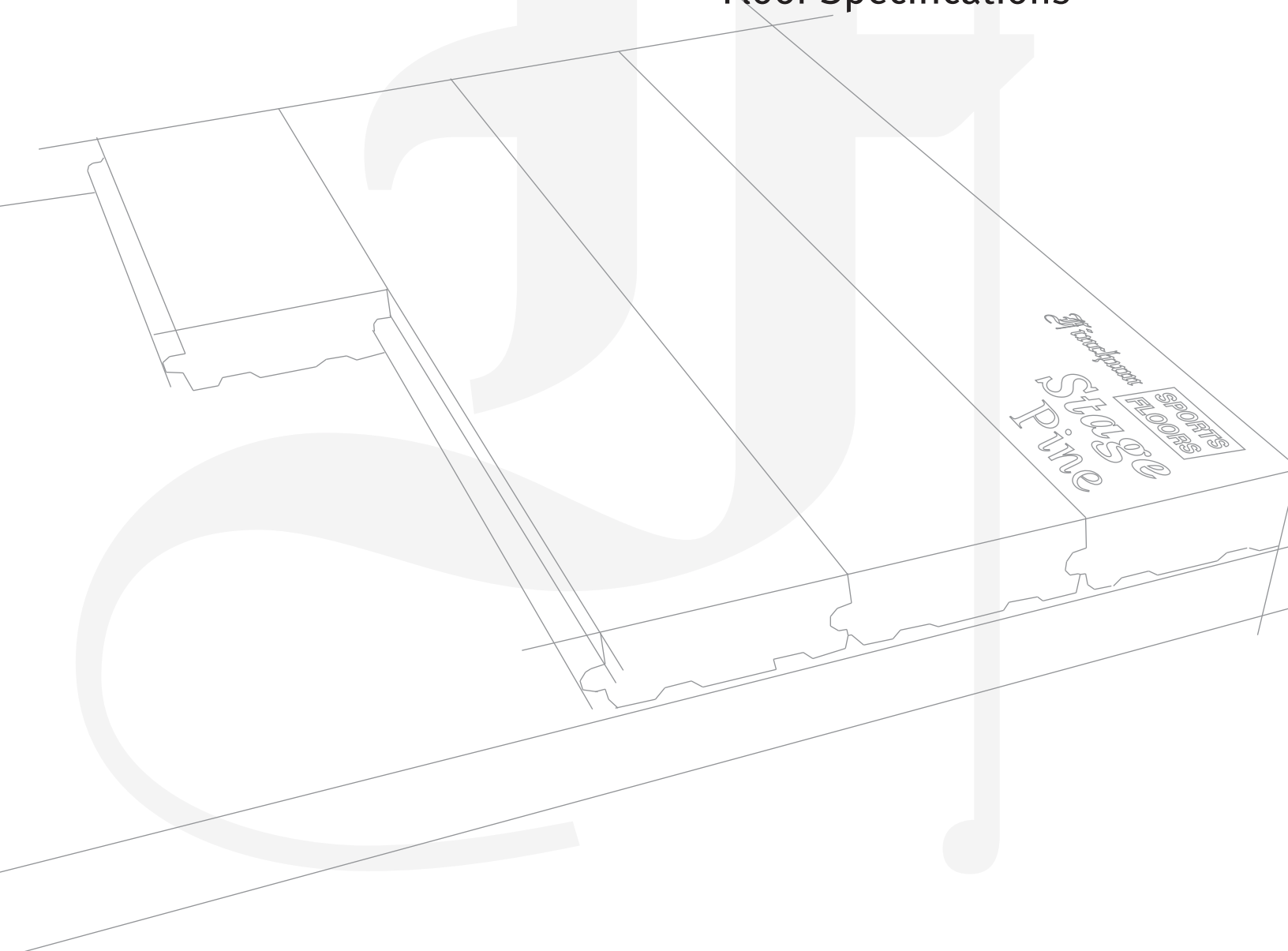
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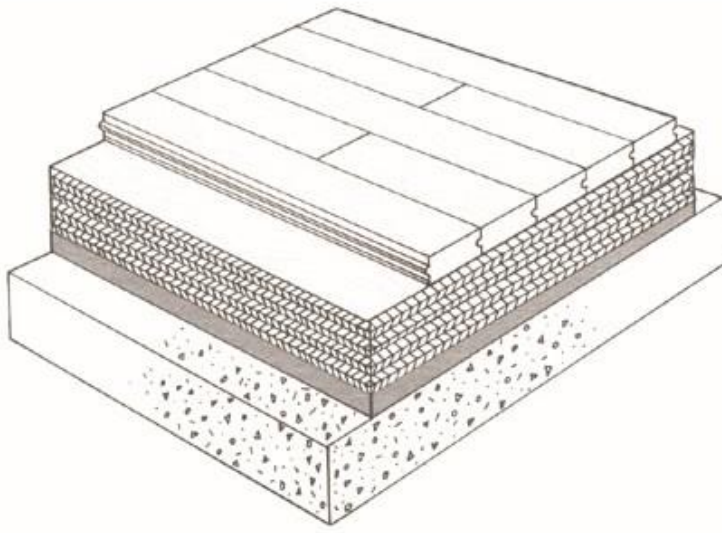
SPORTS
FLOORS_{LLC.}

Master

Stage Pine

Floor Specifications





SECTION 096450 WOOD STAGE FLOORING ASSEMBLY

Part I - GENERAL

1.1 DESCRIPTION

- A. Applicable provisions of "General and Special Conditions" shall govern work under this section.
- B. This contractor shall provide all labor, materials, tools, and services to furnish, deliver, and install a complete wood floor system from the surface vapor proofing of the slab. When required, through the sanding and finishing, plus the installation of perimeter base moldings, and thresholds.

1.2 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who has completed wood stage flooring similar in material, design, and extent to that indicated for his project and whose work has resulted in wood, stage flooring installations with a record of successful in-service performance.
- B. Source Limitations: Obtain each type of material and product from one source with resources to provide materials and products of consistent quality in appearance and physical properties.
- C. Southern Pine Flooring: Comply with SPIB grading rules for species, grade, and cut.

STAGE FLOOR COMPONENTS

- D. Pine, Strip and Plank Flooring: Provide kiln-dried wood flooring as follows:
 - 1. Species: Southern Pine.
 - 2. Grade: "C & Better" Grade Flooring.
 - 3. Cut: Plain sawn.
 - 4. Thickness: 25/32. (Normal 1-inch).
 - 5. Face Width: Nominal 3 inches.
 - 6. Matching: Tongue and groove and end matched.
 - 7. Random Lengths: Provide standard random-length strips complying with applicable grading rules.

1.3 SUBMITTALS

- A. Manufacturers product data.
 - 1. Submit five product specifications.
- B. Samples
 - 1. Submit one sample of floor system
- C. Maintenance literature
 - 1. Submit three copies of maintenance requirements.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Delivery of materials
 - 1. Materials shall not be delivered or installed until all masonry, painting, plastering, and tile work are completed. All overhead work which includes installation of mechanical work lighting, backstops, scoreboards, etc. must be installed prior to flooring installation. Building shall be enclosed and weathertight. Permanent heat shall be installed and operating during and after installation, maintain a temperature range of 55 to 78 degrees and a relative humidity of between 35 to 50%.

1.5 GUARANTEE

- A. The suppliers guarantee shall not cover damage caused in whole or in part by casualty, ordinary wear and tear, abuse, use for which material is not designed, faulty construction of the building, settlement of the building walls, failure of the other contractors to adhere to specifications, separation of the concrete slab and excessive moisture from humidity, spillage, migration through the slab or wall, or any other source.
- B. Manufacturer shall warrant the flooring materials to be free from the manufacturing defects for a period of one year from the date of substantial completion. The flooring contractor shall warrant the installation to be free from defects for the same period.

PART 2 PRODUCTS & EXECUTION

2.1 MATERIALS AND INSTALLATION

- A. Moisture Protection
 - 1. One layer of six mil polyethylene as a moisture proofing.
 - 2. One layer of ¼" closed cell foam cushioning
- B. Sub Floor
 - 1. Sub floor shall be two layers of 7/16" X 4' X 8' OSB.
- C. FLOORING
 - 1. Finished flooring shall be 3/4" X 2-1/4" X Various lengths second and better, or number one common maple hardwood flooring.
- D. Baseboard
 - 1. Baseboard shall be 3" X 4 composite baseboard attached at perimeter walls.

PART 3- EXECUTION

3.1 INSPECITON

- A. Inspect concrete sub floors for proper tolerance and dryness and report any discrepancies to the construction manager in writing.
- B. Sub floor shall be broom cleaned by general contractor.

3.2 INSTALLATION

- 1. Cover concrete slab with one layer of six mil polyethylene as a moisture proofing.
- 2. Cover concrete slab with one layer of ¼" closed cell foam.
- 3. Sub floor sheathing shall be staled top layer to bottom layer to bottom 12" O.C. with ½" spacing between each layer and 2" at perimeter walls.
- 4. Cover subfloor sheathing with one layer of #15 roofing felt.
- 5. Machine nail hardwood flooring to subfloor sheathing in accordance with NWFA standards.

3.3 FLOOR STANDING

- A. Machine sand with course, medium and fine paper to a smooth, even, uniform surface.
- B. Remove all sanding dust from entire surface by tack or vacuum.

3.4 FINISHING

- A. After removing all sanding dust from surface and cracks of floor, inspect entire area of floor to ensure that surface is acceptable for finishing and completely free from sanding dust and free of drum stop marks, gouges, streaks, and shiners.
- B. Apply two coats of Seal and two coats of Finish, buff and clean floor between each coat.

3.5 BASE INSTALLATION

- A. Affix base to wall with recommended fastening method. Miter all inside and outside corners carefully. Install aluminum thresholds as required, anchoring firmly in concrete floor beyond limits of wood flooring.

3.6 MAINTENANCE

- A. Upon completion of floor installation, the owner, attendants, or individuals in charge and responsible for the upkeep of the building and are to see that the areas in which the wood floors installed are always adequately ventilated with natural or mechanical air circulation (heat, if necessary, during high humidity periods.) Mechanical equipment shall maintain temperature and humidity ranges spelled out in working conditions.
- B. Do not install stage flooring until it adjusts to the relative humidity of and is at the same temperature as the space where it is to be installed.
- C. Close spaces to traffic during stage flooring installation and for time period after installation recommended in writing by stage flooring and finish manufacturer, but not less than ten (10) days.

3.7 PROTECTION

A. Protect the stage floor during remainder of construction period to allow finish to cure and to ensure that flooring and finish are without damage or deterioration at time of Substantial Completion.

1. Do not cover the stage floor after finishing until finish reaches full cure, and not before seven (7) days after applying last finish coat.
2. Do not move heavy and sharp objects directly over the stage floor. Protect fully cured floor finish and surfaces with plywood or hardboard panels to prevent damage from storing or moving objects over the stage floor.

