PART 0 DESIGN STANDARDS

0.01 GENERAL DESIGN GUIDELINES

A. In general work in this section is not specified in other sections and is not exposed to normal view.

B. Wood frame construction is discouraged in DPS facilities. Use of wood frame construction requires A/E coordination with building code requirements and approval of the DPS Project Manager.

C. Specify materials for blocking, furring, sheathing, framing, etc. Include acceptable species and strengths of lumber. Include types and sizes of plywood.

D. Specify lumber treatment where required for fire resistance or moisture protection.

1. All interior lumber must be fire-retardant treated in addition to any building code requirements.
2. All wood associated with roofing work must be treated with preservative or be redwood. Verify compatibility of treated lumber with material to which it is to be placed in contact.
3. Specify paint-compatible preservatives where applicable.
4. Creosote treatment is prohibited.

E. Provide continuous fire-retardant treated 2” x 12” continuous lumber blocking at all mounting locations including but not limited to:

1. Handrails and guardrails
2. Door stops
3. Hold opens
4. Grab bars
5. Architectural specialties
6. Plumbing fixtures
7. Luminaires (wall mounted)
8. Surface mounted devices
9. Casework and shelving (wall and base cabinets at the top of each unit)
10. Industrial shelving
11. Markerboards and tackboards
12. Projection screens
13. Wall-mounted door holders (magnetic and mechanical)
14. Miscellaneous equipment
15. All other surface-mounted items as required for proper anchorage
16. Coordinate with the library furnishings planner and supplier (separate contract through DPS) so that blocking is installed by the General Contractor for all shelving and custom casework provided under the Library Furnishings Contract.

F. Indicate on the drawings the mounting heights for projection screen blocking.

PART 1 GENERAL No standards

PART 2 PRODUCTS

2.01 MATERIALS

A. Dimension lumber

B. Blocking

C. Plywood

D. Preservative treatment

E. Fire-retardant treatment

F. Fasteners

1. Use of percussion actuated fasteners is prohibited.
2. Bronze or copper fasteners are prohibited for treated wood.

PART 3 EXECUTION

3.01 INSTALLATION

A. Blocking shall be continuous between studs, and continuous for the length of items to be mounted.

3.02 PRESSURE-TREATED MATERIAL

A. Brush apply specified preservative solution liberally to all field cuts in pressure-treated material.

END OF SECTION 06100