

SECTION 32 40 21

SITE FURNISHINGS

PART 1 GENERAL

- A. Wood sheds are not to be used to store flammable liquids or gas powered equipment.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Benches, seating & tables:
 - 1. Acceptable materials.
 - a) Formed steel.
 - b) Cast iron.
 - 2. Powder Coated Finish.
 - 3. Mounting.
 - a) Permanent surface mount to concrete pad.
 - 4. All benches must have armrests.
- B. Bike racks:
 - 1. Acceptable materials.
 - a) Cast or formed steel.
 - b) Galvanized finish if unpainted.
 - c) Factory applied powder coat if painted.
 - 2. Height: 36" maximum.
 - 3. Mounting.
 - a) Permanent surface mount.
 - b) With Grout covers ordered at time of rack order to cover mounting bolts when installed.
- C. Trash receptacles:
 - 1. PVC liner.
 - a) 32 gallon.
 - 2. Security tethered lid.
 - 3. Surface mounted.
 - 4. Acceptable materials.
 - a) Formed steel.
 - b) Cast steel.
 - c) Powder Coated Finish.
 - 5. Mounting.
 - a) Permanent surface mount.
- D. Tree Grates:
 - 1. Acceptable materials.
 - a) Pre-cast concrete.
 - b) Cast iron.

E. Bollards:

1. Painted yellow for visibility if in traffic area where they may be hit by vehicles or maintenance activities.
2. Architect to provide details on installation depth and base.
3. Types of Bollards:
 - a) Permanently installed 6" steel bollard concrete filled.
 - b) All concrete bollards may also be considered for aesthetic reasons.
 - c) If removable bollards are needed for access they need to be lockable.

F. Banner Poles:

1. Acceptable materials.
 - a) Formed steel.
2. Powder Coated Finish.
3. Mounting.
 - a) Concrete footer.
4. Banner material.
 - a) Banner is provided by DPS.
5. If a banner pole is set in a play pit it needs to clear all fall zones and have a minimum installed height for the lowest horizontal bar of 9 feet.

G. Structural:

1. Acceptable materials:
 - a) Noncombustible materials.
 - b) Floor: Concrete – refer to structural engineer for slab on grade design.
 - c) Walls: Masonry CMU.
 - d) Roof: Slope roof front to back with steel frame and metal roof panels.
2. Wood storage sheds:
 - a) Walls: Fire treated framing and wood sheathing required.
 - b) Floor: Steel or heavy treated lumber floor frame.
 - c) Floor Sheeting: ¾" treated plywood.
 - d) Doors: One piece ¾" core with siding and trim to match surrounding walls.
 - e) Door Hardware: 3 heavy duty hinges per door, heavy duty locking hardware.
 - f) Roof: Treated wood frame and sheathing with 25 year asphalt composition shingles, 3 tab class a, UL rated.

PART 3 EXECUTION

3.01 PREPARATION

- A. Excavate for footings for equipment. Moisten base, compact to 90% of Standard Proctor Density.

3.02 INSTALLATION

- A. Site furnishings shall be permanently mounted by bolting down to concrete.
1. If located on asphalt a 6" concrete base needs to be poured and the furniture gets surface mounted to concrete. This is to facilitate easy replacement if necessary.
 2. No in ground mounting of site furnishings in asphalt or other materials.

3.03 FIELD QUALITY CONTROL

- A. All items must be protected from staining, cracking, chipping, vandalism, and other drainage during progress of the work and left in a first class condition upon completion.

END OF SECTION 32 40 21