

## 2.2 ATHLETIC LOCKERS <LK1>

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
1. AJW Architect Contracting Office Products.
  2. Art Metal Products.
  3. ASI Storage Solutions; ASI Group.
  4. DeBourgh Mfg. Co.
  5. General Storage Systems Ltd.
  6. List Industries Inc.
  7. Lyon Workspace Products, LLC.
  8. Olympus Lockers & Storage Products, Inc.
  9. Penco Products, Inc.
  10. Republic Storage Systems, LLC.
  11. Top Tier Storage Products.
  12. WEC Manufacturing LLC.
  13. Hadrian Manufacturing Inc.
  14. Marlite.
  15. Scranton Products.
- B. Perforated Doors: One piece; Solid, high-density polyethylene (HDPE) panel material, not less than 1/2 inch thick, seamless, with eased edges, and with homogenous color and pattern throughout thickness of material.
- C. Body: Fabricate from unperforated HDPE sheet with thicknesses as follows:
1. Tops and Bottoms: 3/8-inch nominal thickness.
  2. Backs: 3/8-inch nominal thickness.
  3. Shelves: 3/8-inch nominal thickness.
- D. Unperforated Sides: Fabricated from 3/8 inch nominal-thickness sheet.
- E. Frames: Solid, high-density polyethylene (HDPE) panel material, not less than 1/2 inch thick, seamless, with eased edges, and with homogenous color and pattern throughout thickness of material.
- F. Hinges:
1. Hinges: Manufacturer's standard, steel, continuous or knuckle type.
- G. Projecting Handle and Latch: manufacturer's standard.
- H. Locks: Built-in combination locks.
- I. Identification Plates: Manufacturer's standard, etched, embossed, or stamped plastic plates, with numbers and letters at least 3/8 inch high.

- J. Hooks: Manufacturer's standard ball-pointed, aluminum or steel; zinc plated.
- K. Continuous Zee Base: 4 inches high .
- L. Continuous Sloping Tops: with a pitch of approximately 20 degrees.
  - 1. Closures: Vertical-end type.
- M. Filler Panels: to match lockers.
- N. Finished End Panels: to match lockers.
- O. Finish: Integral color.
  - 1. Color: Blueberry.

## 2.3 LOCKS

- A. Built-in Combination Lock: Key-controlled, three-number dialing combination locks; capable of at least five combination changes made automatically with a control key.
  - 1. Bolt Operation: Manually locking deadbolt.

## 2.4 FABRICATION

- A. Fabricate lockers square, rigid, without warp, and with faces flat and free of dents, scratches, chips or distortion.
- B. Fabricate each locker with an individual door and frame; individual top, bottom, and back; and common intermediate uprights separating compartments.
- C. Equipment: Provide each locker with an identification plate and the following equipment:
  - 1. Single-Tier Units: Shelf, one double-prong ceiling hook, and two single-prong wall hooks.
- D. Plastic Construction: Solid plastic locker components shall snap together at profile connections or slide together at dovetail connections for easy assembly.
- E. Accessible Lockers: Fabricate as follows:
  - 1. Locate bottom shelf no lower than 15 inches above the floor.
  - 2. Where hooks, coat rods, or additional shelves are provided, locate no higher than 48 inches above the floor.
- F. Continuous Zee Base: Fabricated in lengths as long as practical to enclose base and base ends; finished to match lockers.

- G. Continuous Sloping Tops: Fabricated in lengths as long as practical, without visible fasteners at splice locations; finished to match lockers.
- H. Filler Panels: Fabricated in an unequal leg angle shape; finished to match lockers. Provide slip-joint filler angle formed to receive filler panel.
- I. Finished End Panels: Fabricated to conceal unused penetrations and fasteners, except for perimeter fasteners, at exposed ends of nonrecessed lockers; finished to match lockers.
- J. Center Dividers: Full-depth, vertical partitions between bottom and shelf; finished to match lockers.

### PART 3 - EXECUTION

#### 3.1 INSTALLATION

- A. Install lockers level, plumb, and true; shim as required, using concealed shims.
  - 1. Anchor locker runs at ends and at intervals recommended by manufacturer, but not more than 36 inches o.c. Using concealed fasteners, install anchors through backup reinforcing plates, channels, or blocking as required to prevent distortion.
- B. Connect groups together with manufacturer's standard fasteners, with no exposed fasteners on face frames.
- C. Trim: Fit exposed connections of trim, fillers, and closures accurately together to form tight, hairline joints, with concealed fasteners and splice plates.
  - 1. Attach filler panels with concealed fasteners.
  - 2. Attach sloping-top units to lockers, with closures at exposed ends.
  - 3. Attach finished end panels using fasteners only at perimeter to conceal exposed ends of nonrecessed metal lockers.
- D. Fixed Benches: Provide no fewer than two pedestals for each bench, uniformly spaced not more than 72 inches apart.

END OF SECTION 105113