

PHYSICAL EDUCATION

September 30, 2010

I. PROGRAM REQUIREMENTS

Refer to the project-specific Schedule of Spaces for student stations, square footage, and for any requirements that may differ from the prototype requirements listed below:

- 2 Locker/Dressing Rooms
- 2 Shower/Drying Areas
- 2 P.E. Toilet Rooms
- 1 Multi-purpose Classroom
- 1 P.E. Storage Room/Laundry
- 1 Gymnasium Floor
- 1 Gymnasium Seating (2,000 seats)
- 2 Staff Shower/Toilet Rooms
- 1 Male Teacher Planning Area
- 1 Female Teacher Planning Area
- 1 Weight Room
- 1 Wrestling/Gymnastics/Dance Room
- 1 Training Room/First Aid
- 2 Public Toilet Rooms (men/women)
- 1 Lobby
- 1 Utility Field
- 6 Playcourts

II. PROGRAM FURNITURE AND EQUIPMENT

Refer to the Furniture and Equipment List for Owner-provided furniture and equipment.

III. SPECIAL CONSIDERATIONS

1. Heating/Ventilation/Air Conditioning

Locker/Dressing Rooms, P.E. Toilet Rooms and Shower/Drying Areas are to be heated and ventilated only, no air conditioning.

Provide an air curtain at the entrance into each Shower/Drying Area.

Provide exhaust for Owner-provided laundry equipment in the PE Storage Room/Laundry

2. Acoustical

Provide acoustical wall panels in the Gymnasium.

3. Floor

Provide wood sports flooring at the Gymnasium main court and practice court areas.

Provide sealed concrete along the walls under the stacked bleachers.

Provide an impervious floor finish in each Locker/Dressing Room, Shower/Drying Area, and in all Toilet Rooms.

Provide non-skid rubberized flooring in the Weight Room, see SDHC standards.

Provide standard flooring elsewhere, in accordance with the General Design Requirements section.

4. Walls

Provide full-height ceramic tile in each Locker/Dressing Room, Shower/Drying Area, and in all Toilet Rooms.

Provide 16 linear feet of wall-mounted safety pads on the end walls of the Gymnasium. The Gymnasium is to be designed so that a distance of at least 10 (ten) feet is provided between the basketball court and the wall at each end.

5. Ceiling

Provide an exposed, painted structure in the Gymnasium and in the P.E. Storage/Laundry Room. Provide plaster ceilings in each Locker/Dressing Room, Shower/Drying Area and in all Toilet Rooms.

Provide a 15' high ceiling in the Wrestling/Gymnastics/Dance Room.

6. Lighting

Provide a sports lighting system with two light levels in addition to standard fluorescent lighting in the Gymnasium.

Provide stumble light switches at each entrance into the Locker/Dressing Rooms. Provide all other light switches within the Teacher Planning Areas.

Provide safety wire guards on all Gymnasium light fixtures.

7. Windows

Do not provide exterior windows in any Physical Education space.

Provide an observation window, the entire length of the wall, from each Teacher Planning Area into the associated Locker/Dressing Room.

8. Doors

Provide double doors at the Wrestling Room and PE Storage Room/Laundry, and elsewhere where required for exiting.

Provide standard doors elsewhere, in accordance with the General Design Requirements section.

9. Water

Site

Provide irrigation of the 50,000 square foot Utility Field.

Provide a water fountain in the vicinity of the Playcourts.

Shower/Drying Areas

Provide eighteen (18) showerheads in the Boys' Shower/Drying area, and one (1) private shower stall with curtain.

Provide sixteen (16) private showers stalls with curtains in the Girls' Shower/Drying Area.

Provide a master water and temperature valve for shower control in each Teacher Planning Area.

Public Toilet Rooms (each)

Provide the number of toilet fixtures and wall-mounted lavatories with cold water as required for the projected occupancy.

Provide one (1) hose bibb and floor drains, number as required.

9. Water (continued)

Staff Shower/Toilet Rooms

Provide one (1) shower, one (1) wall-mounted lavatory with hot and cold water and one (1) toilet in the Womens' Staff Shower/Toilet Room.

Provide one (1) shower, one (1) wall-mounted lavatory with hot and cold water, one (1) toilet and one (1) urinal in the Mens' Staff Shower/Toilet Room.

Provide floor drains as required.

P.E. Toilet Rooms (each)

Provide the number of toilet fixtures and wall-mounted lavatories with cold water as required for the projected occupancy.

Provide one (1) hose bibb and floor drains, number as required.

Gymnasium

Provide four (4) electric water coolers, one (1) pair to be located at each end of the Gymnasium.

Locker/Dressing Rooms (each)

Provide one (1) electric water cooler.

Provide one (1) hose bibb and floor drains, number as required.

Lobby

Provide two (2) electric water coolers, located near the Public Toilet Rooms.

Training/First Aid Room

Provide water supply and drain(s) for the Owner-provided whirlpool and icemaker.

Provide one (1) sink with hot and cold water.

P.E. Storage Room/Laundry

Provide water supply and drain for the Owner-provided laundry equipment.

10. Communications

Provide a clock, speaker and intercom handset in the Wrestling/Gymnastics/Dance Room, Weight Room, Multi-Purpose Classroom, and in each Teacher Planning Area.

Provide a clock and speaker in the Lobby, Wrestling/Gymnastics/Dance Room, Training/First Aid Room, and in each Locker/Dressing Room.

Provide two (2) clocks and speakers with wire guards in the Gymnasium.

Provide plexiglas lenses on all clocks in student occupied PE areas.

Provide an intercom pushbutton (no handset) in the Gymnasium.

In addition to the intercom system above, provide a complete public address system in the Gymnasium, in accordance with SDHC standards.

Provide a data outlet with adjacent power outlet in the Gymnasium, in accordance with the General Design Requirements section and SDHC standards.

Provide a voice/data outlet with adjacent power outlet in each Teacher Planning Area, in accordance with the General Design Requirements section and SDHC standards.

Provide scoreboard controls, microphone outlet and power outlet in a flush-mounted floor box located at mid-court, adjacent to the first bleacher riser.

Provide a TV bracket with DVD/VCR bracket, CCTV jack, and adjacent power outlet in the Multi-Purpose Classroom, in accordance with SDHC standards.

10. Communications (continued)

Provide a CCTV jack and adjacent power outlet in the Weight Room, and Wrestling/Gymnastics/Dance Room (no bracket), in accordance with SDHC standards. Provide four (4) CCTV jacks with adjacent power outlets in the Gymnasium, mounted 18" above the floor, in accordance with SDHC standards. Communication devices are not to be provided on the end walls of the Gymnasium where the safety pads are provided.

11. Electrical

Gymnasium

Provide the motorized basketball backboard controls in a lockable panel in the Gymnasium, located so as to be within sight of the backboards. Electrical devices are not to be provided on the end walls of the Gymnasium where the safety pads are provided.

Locker/Dressing Rooms (each)

Provide four (4) duplex outlets located above the countertop. Provide outlets for two (2) Owner-provided vending machines.

P.E. Storage Room/Laundry

Provide appropriate power for the Owner-provided laundry Equipment.

12. Gas and Air

Not applicable

13. Safety

Standard, in accordance with the General Design Requirements Section.

14. Fencing

Provide a chain link fence around the Playcourts, in accordance with SDHC standards. Provide four (4) P.E. backstops at the Utility Field, located as directed, in accordance with SDHC standards.

15. Service Drives

Not applicable

16. Parking

Locate the Gymnasium so as to be easily accessible from the student parking lot.

17. Contractor-Provided Equipment and Casework

Staff Shower/Toilet Rooms

Provide twenty (20) 12" wide x 15" deep x 30" high lockers in the Mens' Staff Locker/ Shower/Toilet Room, supported on a 4" high concrete pedestal with a ceramic tile base. Provide twenty (20) 12" wide x 15" deep x 30" high lockers in the Womens' Staff Locker/ Shower/Toilet Room, supported on a 4" high concrete pedestal with a ceramic tile base. Provide one (1) 18" wide x 60" high framed mirror in each Staff Locker/Shower/Toilet Room, bottom to be mounted 18" above the floor.

17. Contractor-Provided Equipment and Casework (continued)

Girls' Locker/Dressing Room

Provide one (1) 96" long x 18" deep countertop with a full-width mirror above, countertop to be 36" above the floor.

Provide (600) 12" wide x 15" deep x 12" high P.E. lockers, with hasp for a removable padlock. These lockers are to be arranged in (100) six-tier vertical sections, in accordance with SDHC standards.

Provide (100) 12" wide x 15" deep x 36" high dressing lockers, with hasp for a removable padlock, located every third tier. These lockers are to be arranged in (50) double-tier vertical sections, in accordance with SDHC standards.

Provide (150) 18" wide x 15" deep x 36" high athletic lockers, with hasp for removable padlock, located every third tier. These lockers are to be arranged in (75) double-tier vertical sections, in accordance with SDHC standards.

Provide heavy-duty benches as required.

Provide four (4) 18" wide x 60" high framed mirrors, bottom to be mounted 18" above the floor.

Boys' Locker/Dressing Area

Provide one (1) 96" long x 18" deep countertop with a full-width mirror above, countertop to be 36" above the floor.

Provide (600) 12" wide x 15" deep x 12" high P.E. lockers, with hasp for a removable padlock. These lockers are to be arranged in (100) six-tier vertical sections, in accordance with SDHC standards.

Provide (100) 12" wide x 15" deep x 36" high dressing lockers, with hasp for a removable padlock, located every third tier. These lockers are to be arranged in (50) double-tier vertical sections, in accordance with SDHC standards.

Provide (150) 18" wide x 15" deep x 36" high athletic lockers, with hasp for removable padlock, located every third tier. These lockers are to be arranged in (75) double-tier vertical sections, in accordance with SDHC standards.

Provide heavy-duty benches as required.

Provide four (4) 18" wide x 60" high framed mirrors, bottom to be mounted 18" above the floor.

ix (6) linear feet of base and wall cabinets, to include the sink and one (1) adjacent bank of graduated drawers, countertop to be 36" above the floor.

Gymnasium

Provide two (2) motorized fold-away main basketball goals with plexi-glass backboards, in accordance with SDHC standards.

Provide four (4) motorized fold-away secondary basketball goals with wood backboards, two (2) per side line, in accordance with SDHC standards.

Provide bleacher seating for 2,000 students (equal quantity each sideline), and essential accessories, including the scorers table. Provide the maximum possible space between the first bleacher riser and the sideline of the main court. Bleachers are to comply with SDHC standards.

Provide a 6' high x 18' wide safety wall mat permanently mounted to the wall at each main basketball goal.

Provide two (2) scoreboards, to be located at each end of the Gymnasium, in accordance with SDHC standards.

Playcourts

Provide basketball goals and tennis posts as required, in accordance with SDHC standards.

18. Contractor-Provided Instructional Aids

Multi-Purpose Classroom

Provide a 12' wide x 4' high markerboard with a 4' wide x 4' high tackboard on one (1) side, bottom to be mounted 36" above the floor.

Provide a wall-mounted audio-visual projection screen, approximately 70" x 70", centered over the markerboard.

19. Other Considerations

Provide six (6) Playcourts, in accordance with SDHC standards.

Provide a sidewalk connecting the Playcourts with a main campus sidewalk.

Provide regulation marking of all fields and Playcourts in accordance with SDHC standards.

Arrange lockers around the perimeter of the Locker/Dressing Rooms if possible. If

freestanding locker islands are required, they are to be arranged so as to allow a clear view from the Teacher Planning Area into the aisles.

Provide a 50,000 square foot utility field, to be roughly 225 feet x 225 feet.

SPACE RELATIONSHIPS

