

PHYSICAL EDUCATION

February 3, 2014

I. PROGRAM REQUIREMENTS

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

- 1 Gymnasium Floor
- 1 Gymnasium Seating (1,000 seats)
- 2 Locker/Dressing Rooms (boys/girls)
- 2 Shower/Drying Areas (boys/girls)
- 2 P.E. Toilet Rooms (boys/girls)
- 1 P.E. Storage Room
- 2 Teacher Planning Areas
- 2 Staff Shower/Toilet Rms (men/women)
- 2 Public Toilet Rooms (boys/girls)*
- 1 Utility Field (softball, soccer)
- 4 Playcourts
- 1 Running Track

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. Conditioned air is to be transferred from the Gymnasium to maintain 85 degrees maximum temperature in the Locker/Dressing Rooms during the school day.

2. Acoustical

Provide acoustical wall panels in the Gymnasium.

3. Floor

Provide wood sports flooring in the Gymnasium main court and practice court areas. Provide sealed concrete along the walls under the stacked bleachers.

Provide polished stained concrete or hard tile floors in each Locker/Dressing Room, PE Storage Rooms, Teacher Planning Areas, Shower/Drying Area, and in all Toilet Rooms.

4. Walls

Provide full-height ceramic tile in the Locker/Dressing Rooms, Shower/Drying Areas, 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 Room. Provide plaster ceilings in each Locker/Dressing Room, Teacher Planning Area, Shower/Drying Area, and in all Toilet Rooms.

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

Standard, refer to the General Design Requirements section.

9. Water

Site

Provide irrigation of the area located within the running track. Provide a water fountain in the vicinity of the Playcourts.

Shower/Drying Areas

Provide ten (10) showerheads in the Boys' group Shower/Drying Area and one (1) private shower stall with curtain. Provide ten (10) private shower 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.

Staff Shower/Toilet Rooms

Provide one (1) shower, one (1) wall-mounted lavatory with hot and cold water, and one (1) toilet in the Women's 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 Men's' 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.

9. Water (continued)

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.

10. Communications

Provide a clock, intercom speaker and intercom handset in each Teacher Planning Area.

Provide a clock and intercom speaker 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.

Communication devices are not to be located 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.

12. Gas and Air

Not applicable

13. Safety

Standard, refer to 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.

Provide a chain link around the Running Track, 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 (each)

Provide six (6) 12" wide x 15" deep x 30" high lockers, 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 Shower/Toilet Room, bottom to be mounted 18" above the floor.

Locker/Dressing Room (each)

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

Provide 12" wide x 15" deep x 12" high P.E. lockers, with hasp for a removable padlock, quantity equal to 1/2 of the total student population in each locker room. These lockers are to be arranged in five-tier vertical sections on an 8" high concrete base, 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.

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 1,000 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 one (1) scoreboard, in accordance with SDHC standards.

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

Playcourts

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

18. Contractor-Provided Instructional Aids

Not applicable

19. Other Considerations

Provide four (4) Playcourts in accordance with SDHC standards.

Provide one (1) Running Track, in accordance with SDHC standards.

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

Provide regulation marking of all fields, Playcourts, and Running Track 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

