TABLE 4-11.1 MULTIPURPOSE ROOM

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| **Description/ Usage** | This room serves as a large activity room and will be used for skill building, sports, fitness activities, gymnastics, basketball, volleyball, theatrical plays, dances, in-line/roller skating, and other large area activities. |
| **Min. Ceiling Ht.** | 7.62 m (25 ft.) clear height below structure and lights. |
| **Finishes** | **Walls.**  CMU with glazed wall coating or heavy-duty epoxy up to 3.66 m (12 ft.). Above 3.66 m (12 ft.), use semi-gloss enamel and consider acoustic panels. |
|  | **Floor.** Multipurpose, resilient, athletic flooring. |
|  | **Ceiling.** Exposed, painted structure. Provide acoustical banners. |
| **Plumbing** | None required. Consider access to drinking fountains and bathrooms. |
| **HVAC** | 18 C (65 F) minimum, 26 C (78 F) maximum; 15 cfm/person outside air, with CO2 sensors or other type of energy conservation system; 10 air changes/hour. |
| **Fire Protection** | Provide system per paragraph 3-5.3. Provide protection for sprinkler heads, exit signs, manual pull stations, and other exposed components; minimize equipment that protrudes into activity space or raise it above 1.83 m (6 ft.) for safety considerations. Provide 1-hour fire separation from core areas of building. |
| **Power** | Provide outlets per code. Provide power for a scoreboard and a high, wall-mounted clock. Consider power requirements for other activities like stage sound and lighting. |
| **Lighting** | Metal halide, 540 lux (50 fc), with perimeter compact fluorescents multi-level switched for non-sport activities. Provide keyed light switches. Provide protection for all fixtures. Do not locate fixtures directly above basketball backboards. |
| **Communication** | **CCTV.** Provide at least one outlet in each divided space.  **CATV/Internal Video.** None required.  **PA/Audio.** Provide speakers with proper spacing.  **Telephone.** Provide one line with internal two-way communication.  **Data.**  None required.  **Security.** Provide large, shatter-resistant vision panels in the doors. |
| **Casework** | None required. |
| **Furnishings Fixtures & Equip. (FF&E)** | Protective wall mats, moveable stage, stage seating, scoring table and chairs. |
| **Special Requirements** | Provide 3.05 m (10 ft.) minimum safety distance between “out of bounds” line and nearest walls and bleachers.  Acoustical control is required through the use of sound baffles, banners, acoustical materials, etc.  **Built-in equipment:**  Provide retractable basketball nets/backboards at two per half court or six per full court. Nets and backboards should be adjustable from 2.44 m to 3.05 m (8 to 10 ft.) for two opposite goals on the half court.  Consider floor inserts for volleyball and gymnastics standards.  Motor-operated, vertical-acting divider curtain with manual override.  Electronic scoreboard—provide control for scoreboard and divider curtain on side of room opposite of bleachers (if bleachers are provided).  Bleachers.  Provide game lines on flooring for full- and half-court basketball and volleyball.  Provide exterior double doors with removable latch post for equipment access. |
| For use during project execution by the appropriate Service agency | |
| **Occupancy** | Staff. |
|  | Patrons/Youth. |
| **Min. net m2 (ft2)** |  |