



Los Angeles Community College District Design Standards

City • East • Harbor • Mission • Pierce • Southwest • Trade-Technical • Valley • West

LACCD Facilities Design Standards – ROOF ACCESS

Campus Facility Standards Cross-Reference: Div. 07, 08,

1. Minimum opening for roof access shall be:
 - 36” by 30” for ladder access
 - 30” by 54” for ship- or steep- stair access
 - 30” by 96” for service stair access.
2. For new building construction with large amount of roof top equipment, provide elevator stop on the roof is the most desirable method. 2nd choice will be service stair.
3. Provide reasonable access to all roof levels for maintenance operations. Reasonable access means caring replacement parts or tools up and down without difficulty.
4. Roof hatch shall not be used in building design unless it was approved by College Facility Directors in writing:
 - Roof hatches that are larger than the standard size shall require hydraulic or spring loaded hinges.
 - Roof hatches shall be designed such that opening and closing of the roof hatch can be done with three (3) points of contact on the ladder at all times.
 - Consideration shall be given for the safety exit and approach to the hatch and ladder.
The roof hatch shall be located such that there is a sufficient clear space directly in front of the ladder at the roof level.
5. Roof access ladder cannot be located in an Electrical Room, Janitorial Closet, Storage Room or IT Room.
6. Roof Access location must meet all safety, building codes and all other regulatory requirements.
7. Fixed steel ladders must be minimum 24” wide with side-step and walk-thru as required and complies with Cal OSHA Title 8 Section 3277..
8. Provide security ladder guard for fixed steel ladders mounted in public space or can be reached by students.