 <p>Building Division</p>	<p>SHOWER & DECK PAN</p> <p>City of Palo Alto (CPA) Building Inspection Division 285 Hamilton Ave. Inspection Request: 650 329-2496</p> <p>IVR# 241</p>	<p>Revision Date: 2/14/11</p> <p>General Requirements/Checklist for: Residential</p> <p>Codes Enforced: 2010 CPC Palo Alto Municipal Code (PAMC)</p>
<p>The information provided in this document is general and intended as a guide only. Each project is unique and additional requirements may be enforced as deemed appropriate.</p>		

WARNING

- Failure to complete items below prior to inspection may result in a re-inspection fee.

APPLICATION

- Inspection requirements for on-site built-up shower receptors and decks.

INSPECTION

- **When possible, combine tile-lath inspection with shower-pan inspection.**
- ☐ At time of inspection, qualified person with proper tools shall open drain and demonstrate weep hole function.
- ☐ **On-site built-up shower receptors:** all lining, hot-mopped or other approved materials shall be pitched one-quarter (1/4) inch per foot to weep holes in the sub drain of a smooth and solidly formed sub-base. All such lining materials shall extend upward on the rough jambs of the shower opening to a point no less than three (3) inches above the top of the finished dam or threshold and shall extend outward over the top of the rough threshold and be turned over and fastened on the outside face of both the rough threshold and the jambs. no perforations/nails lower than 1" above dam. *CPC 411.8*
- ☐ **Factory built shower receptors:** No shower receptor shall be installed unless it conforms to acceptable standards/listed as referenced in CPC Table 14-1. The flange shall be watertight and extend vertically a min. of (1") above top of the sides of the receptor. *CPC 411.6*
- ☐ Floor drains shall be considered plumbing fixtures and each such drain shall be provided with an approved type strainer. floor drains, floor receptors, and shower drains shall be of an approved type, suitably flanged to provide a watertight joint in the floor. *CPC 411.1 and 404.1*
- ☐ Linings shall be fastened to an approved backing and shall not be nailed or perforated at any point which may be less than one (1) inch above the finished dam or threshold. *CPC 411.8 (1) (2)*
- ☐ All shower compartments, regardless of shape, shall have a minimum finished interior of 1024 square inches and shall also be capable of encompassing a 30" inch circle.
Exception: *Where existing bathtub is replaced by a shower receptor having min. overall dimensions of 30" wide by 60" long. CPC 411.7 and exception no. 2.*

- All showers, in all occupancies, shall have a smooth, hard, nonabsorbent surface to a height of not less than 70" inches above the drain inlet. Materials other than structural elements used in such walls shall be of a type that is not adversely affected by moisture. *CBC 1210.3*
- Thresholds shall be of sufficient width to accommodate a minimum 22" door. *CPC 411.6*

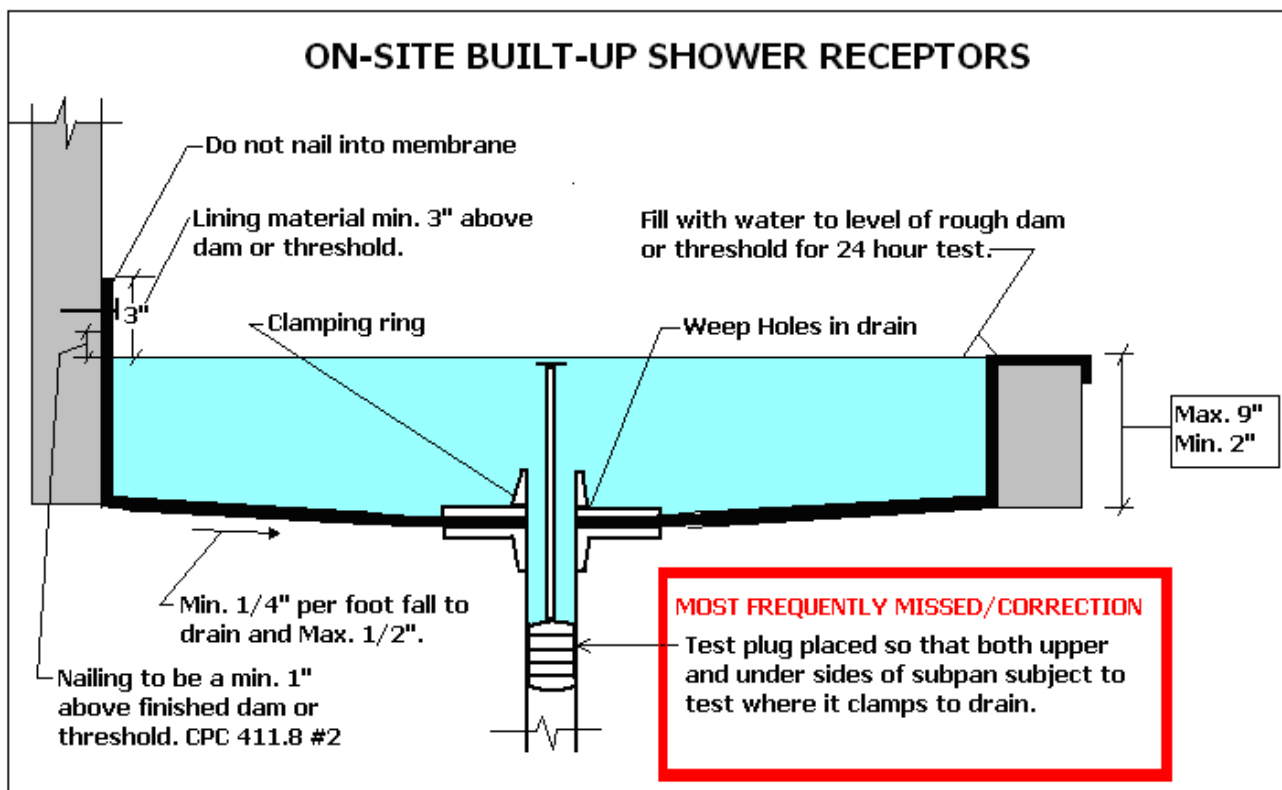
MOST FREQUENTLY MISSED/CORRECTION

- Shower receptors shall be tested for water-tightness by filling with water to the level of the rough threshold. The test plug shall be so placed that both upper and under sides of the sub-pan shall be subjected to the test at the point where it is clamped to the drain. Pans shall hold water a min. 24 hours prior to inspection. *CPC 411.8.1*
- **See [FIGURE A-1]**

CURBLESS SHOWER PAN

- Extend approved water proofing material a min. of 4' feet beyond threshold and maintain a $\frac{1}{4}$ " fall per foot to drain. Advisory: Recommend extending water proofing over entire bathroom area.

FIGURE A-1



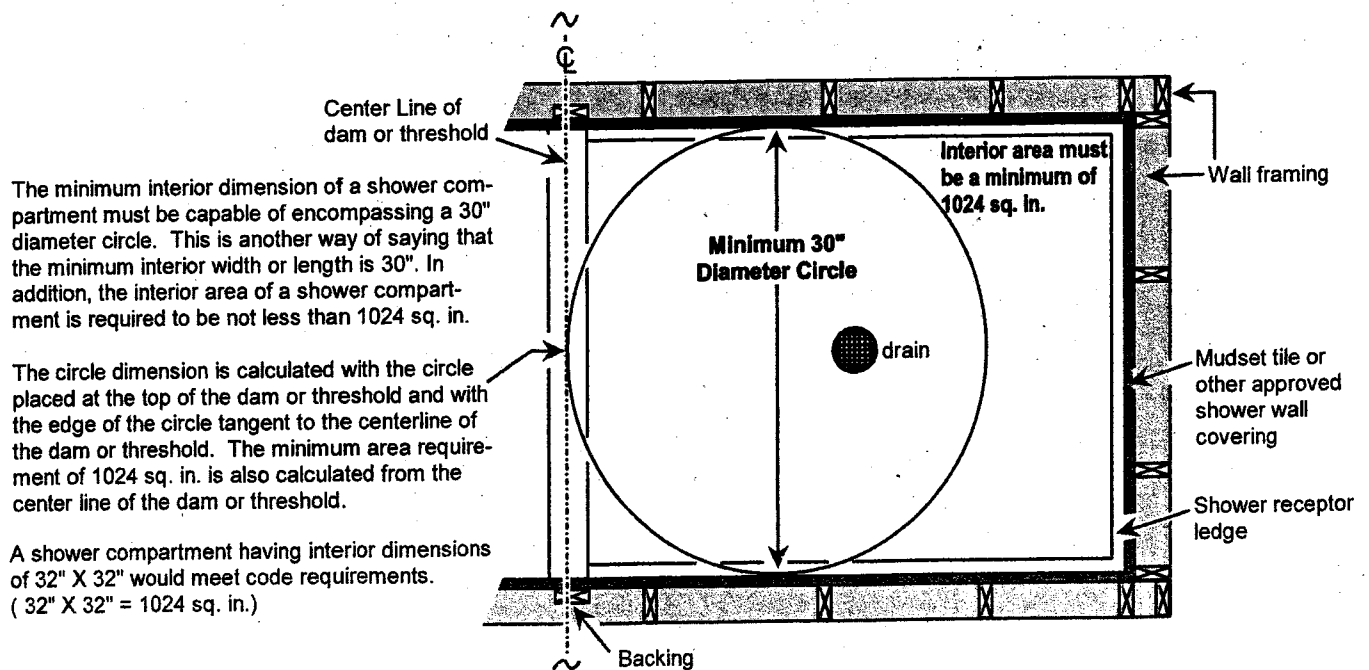


Figure 4-19
Required Area of a Shower (Section 412.7)

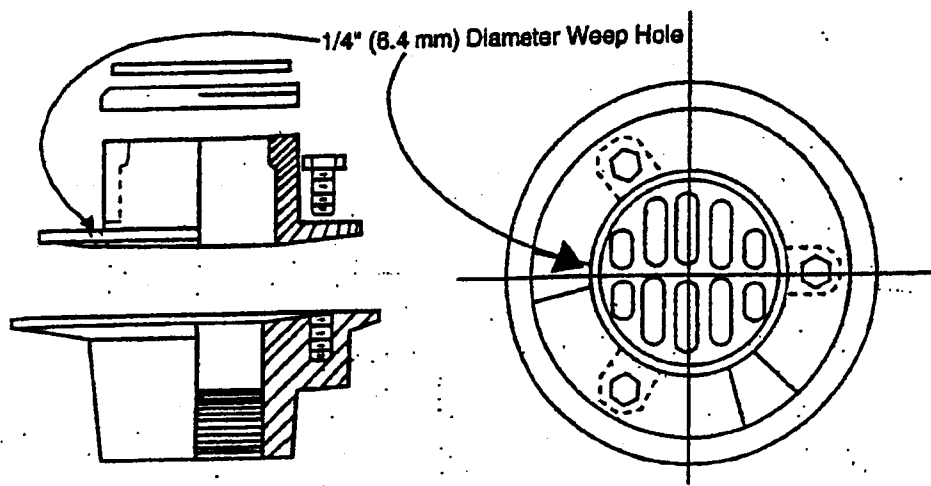


Figure 4-21

Approved Type Subdrain (Section 412.8 (2), paragraph 4 and Section 412.1)