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Mishkon Sanctuary



Signs of water intrusion can be seen from the ripples in the roof cap-sheet.



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Roofing granules are coming off the roof at a very quick rate (Blue arrow). The cracking in the capsheet is allowing water to saturate the capsheet and get into the roof system.

The blue line represents the interior sloping of the ceiling to the wall. Anything that gets under the roof system can be caught by the drywall interior and flow toward the wall.



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Here is another picture of the cracking capsheet..



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The crack in the ceiling is confirming the water is getting into the roof system above the troughs or where the drains are located. Also the wall discoloration and most likely window damage would be caused by this as well.



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Here are the images of watermarks (vertical lines) that are above grade and not located near a window.



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AC units are sitting on a metal platform that is not roofed in properly. This along with the rust that has begun is allowing water into the building.

This problem was fixed in May 2021. —David Stein



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This is the low side of the AC platform near the drains. This flange (blue arrow) should be under the roof surface all the way around. As it is seen in the picture, water is able to get right under the AC box.

This problem was fixed in May 2021. —David Stein



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Instead of properly roofing the AC box into the roof system, the installers just tried to seal it. (blue arrow)

The galvanized metal is now beginning to rust and along side a very bad roof surface, water is getting into the building. (red arrow)

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Confirmation that the roof is taking on water and leaking.

Roof hatch area...



This picture is showing the lack of roofing granules on the cap-sheet. It is shown as the black area in this picture. Take note of the drains location. (red arrow)

Blue arrow is showing the main st. side of the roof hatch.



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This is water damage from the roof showing in the wood substrate. The main st. side of the roof hatch is the bright light. (blue arrow)

The drain is 3 feet to the left and below this water damage.



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This damage is being caused by the water seeping through the roof surface and dripping down from the roof joists.

I am happy to look into the roof attic more in depth to confirm my findings as well.

This is in the corridor between the sanctuary and the play yard. —David Stein



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Office building



Stucco work needed on the office/classroom side building.

This problem was fixed in Nov. 2021. —David Stein



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Edges of the building are starting to separate from the edge metal. This can be resealed or the perimeter can be cut back and reroofed for a more permanent repair.

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Electrical conduit is running through the roof surface but should be piped out through a T-Top flashing.



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AC unit should be installed on a proper platform that is waterproofed correctly. Other helpful alterations could be installing a roof drain in the low areas of the roof that are showing ponding water. The drains can be installed and a pipe can be run through the soffit in the ceiling.