Quality Notes

033000 Concrete MEP Trench - 01

10-05-2022

and 220000, 230000, & 260000

Cutting an MEP trench must take into account if a vapor retarder is installed – if it is, make sure we overcut the trench at least 7” to properly overlap the vapor retarder (6”) and tape.

It is recommended to cut the slab about ½” short of the thickness and remove the remainder with a chipping gun to maintain the vapor retarder.

It is recommended to use clean compacted stone with no fines as bedding.

Make sure the replacement concrete has no air (when interior) and matches the psi, when possible, of the adjacent concrete. Use a quick drying concrete (bag mix) when time is of the essence to add floor covering.

Moist cure concrete for seven (7 days) if a typical concrete is used, otherwise, follow the bag mix direction for concrete curing.

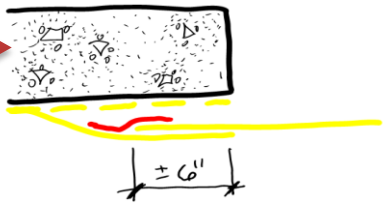
When the slab cut is made, make sure that at least 6” of room adjacent to any pipe penetration.

Make sure that the corners are completely removed without over-cutting the slab (chip concrete)

It is suggested to use mastic to seal the pipes, this is quicker and a more confident install.

Do not use a pipe to support equipment – use a solid member, such as a threaded rod

When the vapor retarder is cut flush with the slab cut, we will need to remove the material under the slab such that we able to get vapor retarder & tape installed with a 6” overlap.



If the slab does not have a vapor retarder, we still need to install one, running up the edge and sealing – we need to protect the new slab from a continuous feed of moisture, otherwise consider a negative side vapor retarder (contact the Quality Department to discuss).

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