



# INSPECTION REPORT

**Report Issued:** Dec 07, 2021

**Inspection Result:** PARTIAL PASS

**Permit Number:** SPRMH210323

**Issuance Date:** Sep 23, 2021

**Property Address:** 2305 MT WERNER CIR;

**Contractor:** MTech Mechanical Technologies Group 12300 Pecos Street Westminster, Co 80234 (719) 782-4000

**To construct:** KVC/GSQ TI Reno

On this day we have inspected your construction for **Mechanical Rough-in Inspection** and we find the following result of the inspection. If there are any questions, please call the inspector at the address below.

**Comments:** Last 4 units cooling units approved in building F, along with compressors set in the parking garage that serve these unit, lines held 500 for 15 minutes, contractor also ran the condensation lines to an approved utility sink for two units as an indirect connection to the drain, then ran the other two units to a lav sink as a direct connection, however this connection is not made yet will need photo of completed work. All mechanical work approved for building F once the photo is received of this condensation line connection.

Note: mechanical permit will remain open until we receive as-built plans for the commercial dryer unit installed for building F. Please update stamped mechanical engineering plans, as you have deviated from the plans, see sheet MEPO.000 as example for mechanical louver schedule F3, and sheet M1.202 for exhaust line locations and louver location. We need updated as built plans that show us how this was constructed, also have mechanical engineer review the louver, and any associated controls related to the louver, it's open all the time currently.

## Corrections:

1. Smoke test conducted on 12/01/21 and leaks existed on the top of the hood where duct connections are on both sides of the hood, other areas may have leaks but it was impossible to see due to the leaking at the top of the hood, also there was not sufficient amount of smoke in the duct on the roof to conduct this inspection, contractor to re-schedule another smoke test.



2. Need a new As-Built Design of the Type 1 Hood, which shall include any changes made since the permit was originally approved approved by Routt County Building Department, for Type 1 Hood Ducting, Hood, and Fan. Provide New Stamped Mechanical Plans per item 1 above, also the Mechanical Engineer must review the captive air plans and specifications and update the mechanical plans to reference the equipment, hood, and duct work that was installed.
3. Does the Captive Air hood have a grease trench filter installed in the hood to capture grease that will run back down to the hood?
4. Sealed connections on joints should be reviewed per captive air, currently we have openings in connections above the hood before it goes vertical up through the roof, these are fittings on the outer duct, not the inner duct.
5. Draft stopping as the duct enters roof framing above hard ceiling could be mineral wool.

Sincerely,

Todd Carr  
Building Official  
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