



## ADDENDUM

PROJECT: Radha Krishna Temple Kitchen Expansion

**1-1. FS-E1 Plan: Label Designation "K24" for kitchen equipment at Location of North Egress/Entry Doors is wrong location, please see plan**

Cooking Equipment labeled "K24" on E1 (Tilting Skillet) is shown in wrong location. See FS-1 Design plan for correct location.

**2-1. Re: ALL MEPs (Mechanical, Plumbing & Electrical): K16 - Utility Distribution System location is missing on All MEP Plans – K16 Utility Distribution System location can be found on FS-1.**

Note: All hot area are to go thru the Utility Distribution System, eliminating need for separate receptacles for electrical, separate plumbing / gas connections for the cooking equipment under the hoods.

There is no wall between the cooking equipment for power receptacles or running plumbing. The UDS will be located between the 2 rows of cooking equipment (see plan details for UDS located on sheet M3.8).

**2-2. FS-E2: Delete Ceiling Lighting Shown In Hoods' Locations**

Delete Lights shown in Red Bubble on detail below, some lighting will be integral with the hood

**3-1. Lighting & Cooler Evaporator Coil Power Connections for 3 Reefer/Frzer Boxes**

Need to call out for each of 3 reefer/freezer boxes, each need separate connections for lights to each walk-in.

**4-1. Mechanical: M1.0 - The 4 way supply registers located to the north and the south of the exhaust hoods need to move further away from hood** aving the supply registers so close to the exhaust hood will create air turbulencRelocate the 4 way registers 8 to 10 feet away from hood.

**5-1. Plumbing: Be sure that plumbing plans reflect that the cooking equipment under the hood will have their plumbing connections through the Utility Distribution System (UDS). 5-2. Plumbing P-3: Gas Riser Plan & Plumbing Riser Plan**

Correction: UDS not shown on Plumbing & Gas Riser Plans but all hot area cooking equipment plumbing will be through UDS

**6-1. Water Heater (WH1):** Building already has a water heater – Correction: Existing water heater is to use existing water heater or upgrade it if required. However, requesting plumbing contractor to review if existing water heater will take the additional load or needs replacement. No 2<sup>nd</sup> water heater will be added.

The existing hot water heater recovery is 235 gal/hr. Tank has 100 gal capacity. 199,900 BTU/hr, Model is AO Smith Cyclone MXi BTH-199-300.



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### 7-1. Condensing Units:

Condensing Unit for Kitchen HVAC should go under stairs south side not to south of stairs as on

The condensing units for the 3 cooler/freezers are not shown, need to be located on the roof.

There should be adequate space for them on roof near NW building corner or to west of proposed location of new kitchen exhaust fan.

See roof detail.

**7-2: Condensing Unit Capacity:** Please check the equipment specs on the CU1 matching with AHU1. The Trane model TWA-3060-A3 is rated at <5ton capacity and the AHU-1 is spec'd as 10 ton. Please switch to matching 10 ton unit capacity equipment. If contractor would like to substitute Trane with another model please consult with CM about approvals. Other models may be considered.

**7-3: Drain lines for the condensate** for the cooling equipment to the 3 reefer/freezer boxes – please consult CM as to where they will run and where coring and roof penetrations are required.

There would be some extra space, in the similar route of grease duct behind the to-be-reduced-in-size utility closet on the 2<sup>nd</sup> floor.

**7.4 Electrical power to the roof top cooling equipment** for the reefer/freezer boxes can be run through the space we are taking away from the existing utility closet also. These power connections should be separate power for each of the 3 boxes

**8.0 Kitchen Exhaust Fan USBI30-RM** – See detail cut sheet on this model, this Unit to be provided by Kitchen Equipment Contractor but installation must be included in HVAC Contractor's proposal

**8.1 Eliminate the 24" extension on the discharge outlet** due to height issues which was shown on original plans.

**8.2 Reduced roof curb height for Kitchen Exhaust Fan USBI30-RM – keep it to min off roof, ideally no more than 6".**

**8.3 Location of Inlet to Kitchen Exhaust Fan:** The Kitchen Exhaust has a side inlet. This exhaust has a side (**NOT BOTTOM**) inlet.

### 8.4 Rooftop Location of Kitchen Exhaust Fan:

(i) Must be min of 10 feet away from any air intakes.

(ii) Note location on detail attached.

### 9.1 Grills/Registers

Return(s) not shown/labeled on plan. However, adequate air returns must be included to balance out the system. Testing and Balancing contractor will be testing all HVAC systems.



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### 10.1 Grease Duct Routing/Opening Sizes

Floor penetration at 2nd floor slab for grease duct to be located in the NE corner of the new kitchen (in the back area of the utility closet (laundry room/this room located next to priest room on 2nd floor). The utility closet would be reduced in size to accommodate the grease duct through the back portion of this utility room.

See 2<sup>nd</sup> floor modification plan detail.

### 11.1 Roof Penetration Location

See roof plan detail showing the location of the exhaust fan and the roof penetration.

### 11.2 Dryer vent, W/Dryer Plumbing, and W/Dryer Electrical To Be Rerouted

Dryer vent for existing stacking W/D unit needs to be rerouted along with existing plumbing and electrical for the stacking washer/dryer in the existing 2<sup>nd</sup> floor utility room which will be reduced in size to accommodate the grease duct and other roof and 2<sup>nd</sup> floor penetrations required.

**12.0 Kitchen HVAC Independence** – Currently kitchen HVAC zones overlap with other areas of the building. The goal is to make the kitchen (both existing and expansion area) an independent system with adequate heating and cooling for the kitchen and also adequate for the other parts of the building.

Both building and kitchen HVAC to be tested and balanced upon completion of construction.

### 13. New Kitchen Cooling Unit Location

The condenser will be located outside below the stairs on SW side of building. Decorative screening will be placed around under the stairs to conceal the equipment and aesthetically match building. Penetrations and running lines on exterior must be approved by CM. Decorative work to be kept in tact and exterior ornamental aesthetics preserved.

14.1 The MUAF will be located below the stairs on the NW side of the building. Contractor to verify if less than 20" high curb (standard with unit) is required to achieve this and maintain proper clearances for circulation of air, prior to order of said equipment. Penetrations and running lines on exterior must be approved by CM. Decorative work to be kept in tact and exterior ornamental aesthetics preserved.

**14. Grease Trap for Expansion:** Existing Grease Trap is 750 gallon. CM is cost comparing and in process of determining if

(1) tying into existing trap is adequate, or

(2) going with a 2<sup>nd</sup> grease trap is required.

Plumbing contractor to provide bid assuming a tie-in to existing contractor and provide the price differential if 2<sup>nd</sup> grease trap installed instead of tie-in.



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### **15. Anticipated Disruptions to Building Services/Utility Disconnections by Contractors:**

All contractors are expected to minimize the disruption of existing building utilities and services to maintain building operations running as smoothly and normally as possible. **Any utility disconnections required for construction must be coordinated in advance with CM.**