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DATE
NOV. 19, 2015

SHEET NO.  
**A5**



- ① ALL CURB AND EQUIPMENT FLASHING SHALL BE INSTALLED PER ROOFING MANUFACTURER'S CRITERIA TO PROVIDE FULL MANUFACTURER'S GUARANTEE OF COMPLETE ROOFING ASSEMBLY.
- ② TAMKO HERITAGE, 30 yr., ASPHALT SHINGLES (COLOR: "NATURAL TIMBER") OVER 30# ROOFING FELT OVER 5/8" PLYWOOD SHEATHING. REF. WALL SECTION DRWS.
- ③ COR-A-VENT, V0400E (OR EQUAL) CONT. ROOF RIDGE VENT WITH SNOW SCREEN A CAP SHINGLES INSTALLED PER MANUF. RECOMMENDATIONS. FURNISH AND INSTALL ALL ENDS, CAPS, FLASHING, SEALANT, ETC. AS REQ'D. FOR COMPLETE SYSTEM PER MANUFACTURER'S INSTRUCTIONS.
- ④ PRE-FINISHED MTL. WRAPPED WD. FASCIA BOARD AND TRIM, TYP. BEHIND GUTTER & AT FACE OF GABLE ROOF. REF. EXTERIOR ELEV'S. & WALL SECTIONS) COLOR TO BE: PAC-CLAD 'SIERRA TAN' BY PETERSEN ALUMINUM.
- ⑤ PRE-FINISHED ALUMINUM GUTTER (& DOWNSPOUTS). DOWNSPOUTS TO TERMINATE AT CONC. TROUGH IN SIDEWALK. REF. FLOOR PLAN AND EXTERIOR ELEVATIONS. COLOR OF GUTTER & DOWNSPOUTS TO CLOSELY MATCH PRE-FINISHED FACIA BD./TRIM COLOR (PAC-CLAD 'SIERRA TAN' BY PETERSEN ALUMINUM)
- ⑥ SINGLE-PLY ROOFING MEMBRANE OVER TOP OF EXTERIOR WALK-IN COOLER & FREEZER UNITS. ROOFING MEMBRANE SUPPLIED BY OWNER AS PART OF THE COOLER/FREEZER MANUFACTURER'S EQUIP. PACKAGE. G.C. RESPONSIBLE FOR ROOF MEMBRANE INSTALLATION (INCLUDING FASTENERS, SEALANT FLASHING, ETC.) PER MANUF. INSTRUCTIONS. REF. INSTRUCTION SHEETS THIS DRAWING.
- ⑦ THE ROOFING CONTRACTOR IS TO COORDINATE ALL ROOF PENETRATIONS WITH ALL OTHER TRADES AND PROVIDE PROPER FLASHING AND COMPLETE, WEATHERTIGHT ROOF.
- ⑧ THE ROOF STRUCTURE SHALL NOT BE USED FOR STOCKPILING OF EQUIPMENT OR MATERIALS UNLESS APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND THE TRUSS MFR.

## 'NORLAKE' WALK-IN COOLER / FREEZER ROOF MEMBRANE INSTALLATION



### OUTDOOR SYSTEMS UTILIZING A MEMBRANE ROOFING MATERIAL

1. After the walk-in is completely assembled, place the curb face down on top of the ceiling sections (curb is fastened to crate base during shipping and must be removed and installed prior to membrane roof installation). To ensure proper opening alignment, mark the outside portion of the curb on the ceiling sections with a marking pencil.
2. Remove the paper from the gasket and position the curb, gasket side down, on the pencil line. Press down firmly. Note: Movement of the curb is very difficult after the gasket adheres to the ceiling section. Refer to Figure 1.



3. Lay the membrane roofing material over the walk-in ceiling sections and curb leaving a six inch overhang on all four sides of the walk-in. Using an utility knife, cut a hole in the membrane roof approximately 1-1/2" in from the edge of the opening. (The resulting hole in the membrane will be smaller than the ceiling opening). Fold the 1-1/2" membrane flaps into the opening, notching the membrane around the locators and divider. Use either sheet metal screws, caulk, glue, etc. to fasten the membrane roofing material to the inside edge of the curb frame. Refer to Figure 2.



4. Set the Capsule Pak™ Refrigeration System over the opening in the curb. Remove the enclosure from the condensing unit portion of the system and drill two 9/16" holes through the condensing unit base plate, membrane roof material and the foamed ceiling section. The holes should be located on opposite sides of the unit. Insert one 1/2" threaded nylon rod through the hole. Apply silicone sealant around each nylon rod and hole and place one washer and nut on the condensing unit end of each threaded nylon rod. Place a second washer and nut on the inside of the walk-in and tighten securely. Replace the enclosure and attach the outdoor coils with the screws provided, Refer to Figure 3. The nylon rods, washers, and nuts are provided.



*Note: Seal gasket at top of curb with silicone.*

5. Fold all four corners of the membrane roofing material over the walk-in corners as shown in Figure 4.
6. Attach the trim and door hood by using the provided hex head sheet metal screws. All pieces should be held down 3-1/8" from the ceiling top as shown in Figure 5. Ensure the trim and membrane roof material cover the joint between the ceiling and wall panels. Note: The trim may have to be cut to fit.



7. Trim off all excess membrane roofing material from under the terminatin bar with a utility knife. Do not allow the knife to cut the metal panel, as this will damage the coating and cause rust.

**NOTE:** In outdoor installations, the condensate should be plumbed to the nearest drain. Check local building codes. Outside drain lines must also be wrapped with a suitable heater wire if they are ever subjected to below freezing temperatures.