

PART 4 - ITEMIZED SPECIFICATIONS

THESE SPECIFICATIONS SET THE STANDARD OF QUALITY. APPROVED ALTERNATES PER PART 1.12

Item #: 1
Manufacturer: Arctic
Model #: Custom
Quantity: 1
Description: Remote Condensing Unit (For Cooler #1)

See item #7.

Item #: 2
Manufacturer: Arctic
Model #: Custom
Quantity: 1
Description: Remote Condensing Unit (For Cooler #2)

See item #7.

Item #: 3
Manufacturer: Arctic
Model #: Custom
Quantity: 1
Description: Remote Condensing Unit (For Freezer #1)

See item #7.

Item #: 4
Spare Number

Item #: 5
Manufacturer: Metro
Model #: Seal 3
Quantity: Lot
Description: Dry Storage Shelving

Posts shall be 86" high. No tools required for assembly. All units to have five shelves and four posts. No common posts permitted.

Item #: 6
Manufacturer: Metro
Model #: CR4
Quantity: 1
Description: Can Rack

4-tier System.

Item #: 7
Manufacturer: Arctic
Model #: Custom
Quantity: 1
Description: Cooler/Freezer Assembly

1. General
Walk-in coolers and/or freezers shall be designed and constructed to allow fast and easy field assembly, disassembly, relocation and enlargement of unit by the addition of like modular panels. THE OVERALL EXACT SIZE OF THIS WALK-IN IS AS SHOWN ON PLANS. Unit to be 9'-8" high.
2. Panel Construction
Metal finish shall be as shown below. Insulation shall be 4" thick "foamed-in-place" urethane. Perimeter structure shall be formed of DURATHANE, high density urethane insulation forming tongues and grooves to assure vapor and air tight joints and to prevent pre-installation damage and deterioration of exposed urethane surfaces.
3. Warranty
All panels shall be covered by a Ten-year Factory Warranty.
4. Floor Construction
Floor Type: Panels shall be fabricated similar to other panels and designed to withstand loads of 600 lbs per square foot.
Floor will be recessed. See paragraph 6.
5. Metal Finishes
All metal finishes for panel skins shall be as follows:
Exterior floor and ceiling shall be .040 patterned aluminum.

Exposed exterior walls shall be white baked enamel over .040 stucco aluminum.
Interior walls shall be .040 stucco aluminum.
Interior ceilings shall be white baked enamel over smooth aluminum.
Interior floor shall be 14 ga. galvanized steel.
6. FSEC equipment contractor to provide NSF approved foamed in place diamond tread plate to cover floor.
7. Panel Locking Assemblies
Assembly of walk-in shall be accomplished by "Insta-Loks" consisting of cam-action hook-arm assembly set in one panel and a self-aligning, self-centering pin assembly set in the matching panel.
8. Panel Gaskets
NSF approved double bead vinyl gasket shall be applied to the tongue side of all panels, on both interior and exterior. Gaskets shall be impervious to stains, grease, oils, mildew, etc.
9. Entrance Door and Frame
Each walk-in shall be equipped standard with 34" x 78" hinged-type, flush mounted entrance door.

(a) Door shall be equipped with a one piece perimeter PVC accordion type removable gasket with magnetic core at the top and along the side perimeter

of the door. An adjustable wiper gasket shall be mounted along the bottom edge of the door.

- (b) Latch shall be break-away type with cylinder lock and inside safety release handle so the door can be opened from the inside even if locked. A positive action hydraulic door closer shall be included.
- (c) Hinges shall be nine inch modified strap, cam-lift, self-closing design with door lift-off capability of high-pressure zinc die cast with highly polished chrome finish. THERE SHALL BE THREE HINGES PER DOOR.
- (d) Door frame shall consist of heavy reinforced steel "U" channel frame to encompass entire perimeter of opening, foamed-in-place to give extra support and rigidity to frame and to prevent racking, twisting distortion and warping. An armored anti-sweat heater cable shall be run in a breaker strip located behind a removable heavy gauge stainless steel trim for easy access to heater cable. Heater cable shall be run under threshold consisting of a heavy reinforcement "U" channel breaker strip and heavy gauge stainless steel threshold.
- (e) Each door section to be provided with an operating toggle switch and pilot light mounted on the exterior side of the door frame. An incandescent vapor proof light and face mounted inlet box shall be mounted on the interior side of the door frame for 115 volt, 60 cycle, 1 phase A.C. service. All wiring shall be in concealed rigid conduit.
- (f) A 2" diameter chrome face, flush mount, dual reading, adjustable dial thermometer shall be provided on exterior of door section to provide readings of -40 F to +60 F and -40 C to +15 C.
- (g) See drawings for amount, location, size and right or left hand swing of doors.

10. Partition Panels

Construction and finish of partition panels shall be same as the interior walls.

11. Options

The specified walk-in shall have the following options:

- (a) Heated pressure relief vent.
- (b) All freezers shall be equipped with a two-way heated pressure relief vent.
- (c) Peep windows
For visual observation into a walk-in a 14" x 24" view window shall be installed in the walk-in entrance door. Window shall be a three pane heated, tempered safety glass to prevent frost formation and fog.
- (d) Exposed exterior of walk-in to include 1/8" treadplate from floor to 48" above finished floor. This to include exterior and interior of doors.
- (e) Trim Strips and Enclosure Panels
Trim strips matching the walk-in finish and fabricated to fit building conditions shall be supplied to close all joints between walk-in and building walls. Enclosure panels matching the walk-in finish shall be supplied to close off space between top of walk-in and building ceiling to a height of 10' A.F.F.

- (f) Alarm System
Provide for each walk-in a Temp Trak manufactured by Cooper Atkins Inc. toll free # 1-888-533-6900, Cincinnati, OH. Provide all junction boxes, wiring, sensors etc. for complete monitoring installation for all walk-in coolers and freezers.
- (g) Fluorescent lights
Unit to include fluorescent lighting as indicated on electrical plans. Coolers to have Daybrite Model WR-41241. Freezers to have Sim-Kar Model OV-410-248-HO.
- 12. NSF
All walk-ins shall be constructed in accordance with National Sanitation Foundation Standard No. 7. The NSF approval seal shall be affixed to the serial plate of the walk-in.
- 13. Installation, Operation, and Maintenance Instructions
Each walk-in shall be supplied with a complete set of installation, operation and maintenance instructions to cover erection of walk-in, installation of refrigeration systems, operating procedures and routine maintenance schedule.
- 14. REFRIGERATION SYSTEMS: Basic refrigeration components shall consist of condensing units of the sealed hermetic type. Condensing unit shall be factory assembled and UL approved. The condenser shall be air cooled.
- 15. Evaporators shall be forced air type with air flow parallel to the walk-in ceiling. Evaporators shall be a standard low profile series. All evaporator coil components shall be housed in heavy gauge aluminum housing.

Unit shall have drain pan with drain pipe connection. All evaporators shall be UL approved. Heat exchangers shall be provided with evaporators.
- 16. The basic components shall be supplied as Remote Pre-Assembled. Components shall include condensing unit, evaporator coil, control kit, (pressure control, thermostat, liquid line drier, sight glass, suction line vibration eliminator, expansion valve and evaporator coil mounting kit). Low temperature to also include defrost timer, fan delay control, drain line heater, and liquid line solenoid. All components and/or systems shall be factory assembled, checked and/or tested in accordance with standard commercial refrigeration procedures. Start-up, check-out, and routine maintenance procedures shall be performed by a qualified refrigeration mechanic and/or contractor.
- 17. REFRIGERATION ACCESSORIES: Low Ambient Kit – shall be supplied on condensing units installed outdoors where ambient temperature is 50 degrees or lower. Kit shall consist of crankcase heater and headmaster valve.
- 18. DRAIN LINES: All evaporator coils shall be provided with proper sized drain lines supplied and field installed by contractor. Drains shall be trapped outside of walk-in. Drain line shall be heated and insulated to prevent freezing. All plumbing to be in accordance with applicable codes.

19. NSF CONSTRUCTION: Walk-ins and refrigeration systems shall be constructed in accordance with National Sanitation Foundation, Standard No. 7. The NSF approval seal shall be affixed to the serial plate of the walk-in.

20. INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS: Each walk-in shall be supplied with a complete set in installation, operational and maintenance instructions to cover erection of walk-in installation of refrigeration systems, operating procedures and routine maintenance schedule.

FSEC to be responsible for providing units completely installed and operational. Cooler to operate at +35 degrees F and Freezer to operate at – 10 degrees F.

Equal: Bally

Item #: 8
Manufacturer: Metro
Model #: Wire
Quantity: Lot
Description: Refrigeration Shelving

Posts shall be 86" high. No tools required for assembly. All units to have five shelves and four posts. No common posts permitted.

Item #: 9
Manufacturer: Cooper Atkins
Model #: Temp Trak
Quantity: 1 Lot
Description: Temperature Alarm System

See item #7. Contact Jeff Yeager jyeager@cooperatkins.com

Item #: 10
Description: Spare Number

Item #: 11
Manufacturer: Artic
Model #: Custom
Quantity: 1
Description: Blower Coil (For Cooler #1)

See item #7.

Item #: 12
Manufacturer: Metro
Model #: RF3N
Quantity: 5
Description: Mobile Pan Rack

Provide with continuous bumper and covers.

Item #: 13
Manufacturer: Arctic
Model #: Custom
Quantity: 1
Description: Blower Coil (For Cooler #2)

See item #7.

Item #: 14
Manufacturer: Arctic
Model #: Custom
Quantity: 1
Description: Blower Coil (For Freezer)

See item #7.

Item #: 15
Manufacturer: By Owner
Model #: ---
Quantity: 4
Description: Trash Receptacle

Item #: 16
Manufacturer: Krowne
Model #: HS-17
Quantity: 4
Description: Hand Sink

Provide with side splashes.

Item #: 17
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Bakers/Preparation Table

Unit to be constructed in accordance with the general specifications:

- A. Unit size as indicated on plan view. 2'-10" height.
- B. See and provide per 2.01.O; sink bowls sized as shown on plan view.
- C. See and provide per 2.01.G.
- D. Unit sinkbowl, where indicated, to have item #23 disposal collar integrally welded and finished.
 - 1. Provide openings for vacuum breaker.
 - 2. Accommodate control panel brackets for item #23.
- E. Provide model 9401-B petal valve controller at both sink areas, with silver housing color, manufactured by Pedal Valves Inc., 1-800-431-3668.
- F. Provide in accordance with 2.01.J.1, wherever possible except at sink bowls, disposer areas and at item #21.
- G. Provide with standard drawer assembly where shown on plan view and in accordance with 2.01.L.
- H. Provide standard 3-tier drawer assembly in accordance with 2.01.L.

I. Provide inverted rolled rim on front edge, turndown 2" on baking side only.
Provide marine edge on left side at vegetable prep side.

- Item #:** 18
Manufacturer: By Owner
Model #: ---
Quantity: 1
Description: 5 Qt. Mixer
- Item #:** 19
Spare Number
- Item #:** 20
Spare Number
- Item #:** 21
Manufacturer: Cambro
Model #: IB27
Quantity: 3
Description: Mobile Ingredient Bins
- Item #:** 22
Manufacturer: Metro
Model #: Custom
Quantity: 1
Description: Smart Wall Plus

Provide the following 14'-0" Unit on Tall Wall:

- | | |
|--------------|-----------------------|
| 4) SWP72S | Wall Tracks |
| 2) SWP40S | Wall Track |
| 4) 33PK3-SWP | Post Assemblies |
| 2) 1460NK3 | Wire Shelves |
| 1) 1448NK3 | Wire Shelf |
| 2) 1860NK3 | Wire Shelves |
| 1) 1848NK3 | Wire Shelf |
| 2) L48N-1K3 | 1" Ledge |
| 4) L60N-1K3 | 1" Ledge |
| 2) 1WS14K3 | Shelf Supports |
| 2) 2WS14K3 | Double Shelf Supports |
| 2) 1WS18K3 | Shelf Support |
| 2) 2WS18K3 | Double Shelf Support |
| 1) WG1848K3 | 18" x 48" Grid |
| 2) WG1860K3 | 18" x 60" Grids |
| 3) SWPGBRK | Grid Bracket Kits |
| 24) 9997C | Collar Plugs |
| Accessories: | |
| 15) HK23C | Small Hooks |
| 10) HK26C | Double Hooks |
| 2) H210K3 | Wire Baskets |
| 1) SR24K3 | Spice Rack |
| 3) PBA-2BH | Bin Holders |
| 12) BS11055B | Blue Bins |

Item #: 23
Manufacturer: Salvajor
Model #: 150-SA-6.5-ARSS-LD
Quantity: 2
Description: Disposer w/Control

Provide with T & S B-0455

Item #: 24
Manufacturer: Robot Coupe
Model #: R4N
Quantity: 1
Description: Food Processor

Provide with 6 additional plates.

Item #: 25
Manufacturer: Metro
Model #: Custom
Quantity: 1
Description: Smart Wall Plus

Provide the following 11'-0" Unit on Tall Wall:

4) SWP40S	Wall Track
2) SWP56S	Wall Track
4) 33PK3-SWP	Post Assemblies
2) 1448NK3	Wire Shelves
1) 1436NK3	Wire Shelves
2) 1848NK3	Wire Shelves
1) 1836NK3	Wire Shelves
2) L36N-1K3	1" Ledge
4) L48N-1K3	1" Ledge
2) 1WS14K3	Shelf Supports
2) 2WS14K3	Double Shelf Supports
2) 1WS18K3	Shelf Support
2) 2WS18K3	Double Shelf Support
2) WG1848K3	18" x 48" Grids
1) WG1836K3	18" x 36" Grids
3) SWPGBRK	Grid Bracket Kits
24) 9997C	Collar Plugs

Accessories:

10) HK23C	Small Hooks
10) HK26C	Double Hooks
2) H210K3	Wire Baskets
1) STP3BR	Insert Pan Holder
1) SR24K3	Spice Rack

Item #: 26
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Mobile Slicer Stand

Unit to be constructed in accordance with the general specifications:

- A. Unit to be sized as shown on plan view, 2'-10" o.a. height.
- B. Surface to be per 2.01.F.
- C. See and provide base per 2.01.G with shelf of similar construction to 2.01.J.1.
- D. Provide with casters, two front locking per 2.01.C.

Item #: 27
Manufacturer: Hobart
Model #: 2912
Quantity: 1
Description: Slicer

Provide with slicer cover and stainless steel blade.

Item #: 28
Manufacturer: Delfield
Model #: SSR2-S
Quantity: 1
Description: Refrigerator

Provide with locking casters and six additional shelves.

Item #: 29
Manufacturer: Turbo Chef
Model #: C3
Quantity: 2 (1 New, 1 Future)
Description: Turbo Chef W/Stand

Provide with stand..

Item #: 30
Manufacturer: Garland
Model #: C836-1RC
Quantity: 1
Description: Griddle W/Convection Oven

Provide with locking casters, stainless steel sides, rear gas connection, pressure regulator, convection oven base and Hose Master 48" deluxe gas connector kit.

Item #: 31
Manufacturer: Halton
Model #: Custom
Quantity: 1
Description: Exhaust Hood

Dimensions: As shown on plans with a typical hanging height of 6'-6" above finished floor.

Furnish and install a complete kitchen exhaust canopy. The hood shall be the Capture Jet system, Model KVE as manufactured by the HALTON Company of Scottsville, Kentucky. The canopy shall bear UL or ETL labels and be listed as "range hood without exhaust fire damper" per standard 710 and be fabricated in compliance with NFPA-96-2001, and shall bear the National Sanitation Foundation seal of approval.

The installation shall be in accordance with the manufacturer's recommendations and conform to NFPA-96 guidelines and all applicable local codes.

The canopy inner liner shall be 100% 18 gauge stainless steel, type 304 with #4 finish. Each canopy shall have a filter housing of the same material as the canopy liner. The filter housing shall be equipped with a concealed drip tray the full length of the canopy and with a grease cup for easy removal and daily cleaning.

Hood lights shall be U.L. listed and suitable for grease hoods as shown on plans. Ventilator shall be provided with face mounted light switch. Ventilator shall include enclosure panels to finished ceiling.

The exhaust airflow will be based on the convective heat generated by the appliances underneath each canopy. Submittal shall include convective heat calculations base on the input power of the appliance served as defined by ASTM Standards F-1704-05 Capture & Containment and F-2474-05 Heat Gain to Space. Final air volume calculations shall comply with the hood listing.

The Internal Capture Jet air shall be introduced through a special discharge panel and shall not exceed 15% of the calculated exhaust airflow. Slot type Internal Discharge or "Short-Cycle" hood systems shall not be used.

The hood shall be equipped with model KSA multi-cyclone stainless steel grease filters. The grease filter efficiency is 93% on particles with a diameter of 5 microns and 98% on particles with a diameter of 15 microns or larger, as per ASTM Standard F-2519-05.

The exhaust and Capture Jet air volumes are to be field confirmed by a registered air balance technician by utilizing the integral T.A.B. (Testing and Balancing) ports mounted in the hood.

Fire Protection System: As part of item, furnish a complete wet chemical fire suppression system model R102 as manufactured by "Ansul" or equal in compliance with U.L. 300 standards. The system shall include factory prepiped, all permits and test as required by the authority having jurisdiction.

Automatic actuation shall be by means of fusible with no visible conduit.

System shall be furnished and installed by an Ansul certified distributor in accordance with manufacturer's instructions and the authority having jurisdiction.

Microswitches shall be furnished as part of the fire protection system for tie in of building alarm and for make up air/fire/fuel shut down.

All access openings, holes, sleeves, chases, etc., in building structure necessary to permit piping and control tubing to be run between system unit, ventilator and duct work are to be provided by the General Contractor.

The Building Alarm System Contractor is to furnish a control relay to detect operation of the system by connection to the microswitches supplied. The Electrical Contractor is to furnish shunt trip breakers as required and install all wiring required for the system specified.

Notes:

- (1) All exposed piping and nozzles of fire protection system shall be chrome or Stainless steel sleeved.
- (2) All horizontal piping is to be done on the top of the ventilator unless otherwise specified.

Item #: 32
Manufacturer: Cleveland
Model #: 24CGA10
Quantity: 1
Description: Double Steamer

Provide with dissolve descale solution, Cleveland water filter and electronic timer. Provide with Hose Master 48" deluxe gas connector kit.

Item #: 33
Manufacturer: Blodgett
Model #: DFG-200D
Quantity: 1
Description: Double Convection Oven

Provide with 6" locking casters, two additional oven racks, stainless back enclosure solid state digital controls with cook and hold and pulse plus. Provide with Hose Master 48" deluxe gas connector kit.

Item #: 34
Manufacturer: Cleveland
Model #: KGT-12-T
Quantity: 1
Description: 12 Gal. Kettle W/Stand

Provide with stainless steel stand with sliding drain drawer, hot and cold water faucet with bracket, food strainer and lift off cover. Provide with Hose Master 48" deluxe gas connector kit.

Item #: 35
Manufacturer: Ansul
Model #: R-102
Quantity: 1
Description: Fire Suppression System

For item #31 and 50.

Item #: 36
Manufacturer: Alto-Shaam
Model #: 1000-TH/II
Quantity: 1
Description: Mobile Cook-N-Hold (stacked)

Provide with 5" casters, full perimeter bumper, stacking hardware and drip pan.

Item #: 37
Manufacturer: Doyon
Model #: FC-16
Quantity: 1
Description: Pizza Conveyor w/Stand

Provide with stainless steel stand with locking casters.

Item #: 38
Manufacturer: Fabricator
Model #: Custom
Quantity: Lot
Description: S/S Corner Guards

Provide 14 ga. Type 304 stainless steel from floor up to 54". Use stainless steel fasteners appropriate for wall type.

Item #: 39
Manufacturer: Garland
Model #: RG-HDSA-36
Quantity: 1
Description: Char Broiler W/Stand

Provide with stainless steel stand with locking casters. Provide with Hose Master 48" deluxe gas connector kit. Provide with adjustable grate.

Item #: 40
Manufacturer: Frymaster
Model #: RE17-BL-SC/FP/FWH-1
Quantity: Lot
Description: Fryer/Filter/Dump Assembly

Provide with dump station and heat lamp, stainless steel pot cover, casters (2) locking and Filter paper and powder.

Equal: Pitco

Item #: 41
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Assembly Counter W/Hand Sink

Unit to be constructed in accordance with the general specifications:

- A. Unit size as indicated on plan view. 2'-10" height.
- B. Unit to be in accordance with 2.01.F. Fabricate top to accommodate Items #42 and seal to top.
- C. Provide skeletal framed and wrapped base in accordance with 2.01.I. Base to accommodate item #44 and 45. Provide bottom shelf in accordance with 2.04K. Intermediate shelves for plate storage wherever possible.
- D. Provide length and width as shown on plan view, a 14 ga. type 304 double tiered stainless steel pass shelf, item #48. Mount first shelf 20" above work surface and second shelf 15" above first shelf. Accommodate microwave. Provide per 2.01.N.
- E. Provide where shown on plan, one (1) 12" x 15" x 10" deep sink with one 12" deck mounted faucet with one (1) lever waste, basket drain and overflow. Provide two sided 12" splash where shown, ground and smooth all edges. Provide die stamped opening in top where indicated for trash chute. K.E.C. to provide stainless steel trash can to fit under top. At sink and trash chute area, provide a stainless steel hinged access door with friction grip.
- F. Provide with C.H. die cast stainless adjustable # A72-0811 legs.
- G. Counter internal wiring of electrical fixtures to be in accordance with 2.04.H.

Item #: 42
Manufacturer: Wells
Model #: MOD-300TDM-AF
Quantity: 1
Description: 3-Well Hot Food Unit

Item #: 43
Manufacturer: Star
Model #: ST04
Quantity: 1
Description: Toaster

Item #: 44
Manufacturer: Delfield
Model #: 4448N-12
Quantity: 1
Description: Refrigerated Sandwich Unit

Provide with stainless steel back and two additional shelves.

Item #: 45
Manufacturer: Aladdin
Model #: DH 02
Quantity: 1
Description: Mobile Heated Plate Lowerator

Provide with one (1) Aladdin Y104S/(4 each) J88 racks, for dome and base storage.

Item #: 46
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Plate Cabinet

See item #41.

Item #: 47
Manufacturer: Aladdin
Model #: IHA-500
Quantity: 1
Description: Base Heater

Item #: 48
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Double Overshelf W/Microwave Section

See item #41.

Item #: 49
Manufacturer: Panasonic
Model #: NE-1258
Quantity: 1
Description: Microwave Oven

Item #: 50
Manufacturer: Halton
Model #: Custom
Quantity: 1
Description: Exhaust Hood

Dimensions: As shown on plans with a typical hanging height of 6'-6" above finished floor.

Furnish and install a complete kitchen exhaust canopy. The hood shall be the Capture Jet system, Model KVE as manufactured by the HALTON Company of Scottsville, Kentucky. The canopy shall bear UL or ETL labels and be listed as "range hood without exhaust fire damper" per standard 710 and be fabricated in compliance with NFPA-96-2001, and shall bear the National Sanitation Foundation seal of approval.

The installation shall be in accordance with the manufacturer's recommendations and conform to NFPA-96 guidelines and all applicable local codes.

The canopy inner liner shall be 100% 18 gauge stainless steel, type 304 with #4 finish. Each canopy shall have a filter housing of the same material as the canopy liner. The filter housing shall be equipped with a concealed drip tray the full length of the canopy and with a grease cup for easy removal and daily cleaning.

Hood lights shall be U.L. listed and suitable for grease hoods as shown on plans. Ventilator shall be provided with face mounted light and fan switches with pilot light. Ventilator shall include enclosure panels to finished ceiling.

The exhaust airflow will be based on the convective heat generated by the appliances underneath each canopy. Submittal shall include convective heat calculations base on the input power of the appliance served as defined by ASTM Standards F-1704-05 Capture & Containment and F-2474-05 Heat Gain to Space. Final air volume calculations shall comply with the hood listing.

The Internal Capture Jet air shall be introduced through a special discharge panel and shall not exceed 15% of the calculated exhaust airflow. Slot type Internal Discharge or "Short-Cycle" hood systems shall not be used.

The hood shall be equipped with model KSA multi-cyclone stainless steel grease filters. The grease filter efficiency is 93% on particles with a diameter of 5 microns and 98% on particles with a diameter of 15 microns or larger, as per ASTM Standard F-2519-05.

The exhaust and Capture Jet air volumes are to be field confirmed by a registered air balance technician by utilizing the integral T.A.B. (Testing and Balancing) ports mounted in the hood.

Fire Protection System: As part of item, furnish a complete wet chemical fire suppression system model R102 as manufactured by "Ansul" or equal in compliance with U.L. 300 standards. The system shall include factory prepipe, all permits and test as required by the authority having jurisdiction.

Automatic actuation shall be by means of fusible with no visible conduit.

System shall be furnished and installed by an Ansul certified distributor in accordance with manufacturer's instructions and the authority having jurisdiction.

Microswitches shall be furnished as part of the fire protection system for tie in of building alarm and for make up air/fire/fuel shut down.

All access openings, holes, sleeves, chases, etc., in building structure necessary to permit piping and control tubing to be run between system unit, ventilator and duct work are to be provided by the General Contractor.

The Building Alarm System Contractor is to furnish a control relay to detect operation of the system by connection to the microswitches supplied. The Electrical Contractor is to furnish shunt trip breakers as required and install all wiring required for the system specified.

Notes:

- (1) All exposed piping and nozzles of fire protection system shall be chrome or Stainless steel sleeved.
- (2) All horizontal piping is to be done on the top of the ventilator unless otherwise specified.

Item #: 51
Manufacturer: Caddy
Model #: TD-607D
Quantity: 2
Description: Mobile Tray Transport Cart

Provide with corner bumpers.

Item #: 52
Manufacturer: Hoshizaki
Model #: B-500SF
Quantity: 1
Description: Ice Storage Bin

Item #: 53
Manufacturer: Hoshizaki
Model #: KM-500-MAH
Quantity: 1
Description: Cube Ice Maker (Air Cooled)

Provide w/Everpure #EV 9324-01.

Item #: 54
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Beverage Counter

Unit to be built in accordance with the general specifications and the following:

- A. Top to be per 2.01.F.1. 2'-10" o.a. height.
- B. Base in accordance with 2.01.G. No front rail. Base to accommodate item #56, two each.
- C. See and provide per 2.01.O; Sink bowl sized as shown on plan view.

Item #: 55
Manufacturer: Metro
Model #: Custom
Quantity: 1
Description: Smart Wall Plus

Provide the following 6'-0" Unit on Tall Wall:

- | | |
|--------------|-----------------------|
| 4) SWP40S | Wall Tracks |
| 2) 1436NK3 | Wire Shelf |
| 2) 1836NK3 | Wire Shelf |
| 4) L36N-1K3 | 1" Ledge |
| 3) 33PK3-SWP | Post Assemblies |
| 2) 1WS14K3 | Shelf Supports |
| 1) 2WS14K3 | Double Shelf Supports |
| 2) 1WS18K3 | Shelf Supports |
| 1) 2WS18K3 | Double Shelf Supports |
| 2) WG1836K3 | 18" x 36" Grid |

2) SWPGBRK
16) 9997C
Grid Bracket Kits
Collar Plugs

Accessories:
10) HK23C
2) H210K3
1) STP3BR
Small Hooks
Wire Baskets
Insert Pan Holder

Item #: 56
Manufacturer: Metro
Model #: D2121C
Quantity: 2
Description: Mobile Cup/Glass Rack Dolly

Item #: 57
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Iced Tea Brewer

Item #: 58
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Coffee Maker

Item #: 59
Manufacturer: Fabricator
Model #: Custom
Quantity: Lot
Description: S/S Wall Flashing

Provide 16 ga. type 304 stainless steel wall panels. Panels to cover exposed wall from bottom of exhaust hood to floor.

Item #: 60
Manufacturer: Fabricator
Model #: Custom
Quantity: Lot
Description: S/S Wall Flashing

Provide 16 ga. type 304 stainless steel wall panels. Panels to cover exposed wall from bottom of exhaust hood to floor.

Item #: 61
Manufacturer: Delfield
Model #: SSR1-S
Quantity: 1
Description: Refrigerator

Provide with locking casters and three additional shelves.

Item #: 62
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: 3-Compartment Sink

Unit to be built in accordance with the general specifications.

- A. Unit size and shape as indicated on plan view. 2'-10" o.a. height.
- B. Sink bowls to be sized as shown on plan view. Sink construction to be in accordance with 2.01.O. Drainboards per 2.01.Q Skirt face of bowls.
- C. See 2.02.B
- D. Provide (2) model 9401-B petal valve controller with silver housing color, manufactured by Pedal Valves Inc., 1-800-431-3668.

Item #: 63
Manufacturer: Metro
Model #: Custom
Quantity: 1
Description: Smart Wall Plus

Provide the following 8'-0" Unit on Tall Wall:

- | | |
|--------------|-----------------------|
| 2) SWP56S | Wall Tracks |
| 3) 33PK3-SWP | Post Assemblies |
| 2) 1448NK3 | Wire Shelves |
| 2) 1848NK3 | Wire Shelves |
| 4) L48N-1K3 | 1" Ledge |
| 2) 1WS14K3 | Shelf Supports |
| 1) 2WS14K3 | Double Shelf Supports |
| 2) 1WS18K3 | Shelf Support |
| 1) 2WS18K3 | Double Shelf Support |
| 2) WG1848K3 | 18" x 48" Grids |
| 2) SWPGBRK | Grid Bracket Kits |
| 16) 9997C | Collar Plugs |

Accessories:

- | | |
|-----------|-------------------|
| 8) HK23C | Small Hooks |
| 8) HK26C | Double Hooks |
| 2) H210K3 | Wire Baskets |
| 1) STP3BR | Insert Pan Holder |
| 1) SR24K3 | Spice Rack |

Item #: 64
Manufacturer: Metro
Model #: SE Brite
Quantity: 1
Description: Chemical Shelf

Posts shall be 86" high. No tools required for assembly. All units to have five shelves and four posts. No common posts permitted.

Item #: 65
Manufacturer: By Owner
Model #: ---
Quantity: 1
Description: Mobile Trash Truck

Item #: 66
Manufacturer: IMC Teddy
Model #: DL-20-1
Quantity: 1
Description: Can Wash/Mop Sink

Item #: 67
Manufacturer: Traycon
Model #: Custom
Quantity: 1
Description: Soiled Dishtable W/Conveyor

Provide **Traycon Model RDL10-1-EV26** system to include pass window and sill, roll down fire door, sight and sound barrier with light at tray drop area. Soiled dish table with integral trough, disposer sink, R101 roller accumulation section, mobile soak sink, and table mounted rack sorting and rack storage shelves. Clean dish table with table mounted rack storage. Unit to be size and shape as shown on plan and manufactured by Traycon Mfg. Co., Inc., 555 Barell Avenue, Carlstadt, NJ 07072. Unit to be UL Listed and NSF Approved and bear labels indicating same.

TOP SLIDER PAN - DISHTABLES: 14 gauge type 304 stainless steel properly under-braced with stainless steel channels and polished to a uniform #4 finish pitched to disposal system. Disposal by others.

DRIVE FRAME: 1-1/2" x 1-1/2" stainless steel tubing with a wall thickness of 1/8" welded construction and mounted on 1-5/8" diameter by 6" long stainless steel tubular legs with adjustable flange feet, NSF Approved. Frame shall be of ample strength and rigidly constructed.

INTERMEDIATE BRACKETS: Rectangular frame construction of #12 gauge channel (3" x 3/4") mounted on to 1-5/8" o/d #16 gauge stainless steel tubular "H" frame supports. Supports located 5'-0" centers.

DRIVE ENCLOSURE: 3'-6" long #18 stainless steel with two hinged removable doors. Doors to be double wall insulated construction, 3/4" thick with NSF hinge, necessary handle and snap catches.

AUTOMATIC BELT TAKE-UP: To maintain proper tension at all times and designed to compensate for any stretch.

MAIN BEARINGS: Bearings to be flange type with neoprene seals and remotely located in a water free location. Each bearing to be fitted with flexible tubing to one central grease station.

SPROCKETS: #300 series stainless steel not less than 7" in diameter accurately machined, keyed and set screwed to keyed shafting. A stainless steel safety collar on each side of the sprocket to insure perfect center alignment.

SHAFTING FOR SPROCKETS: #300 series stainless steel not less than 1-1/4" in diameter.

LIMIT SWITCH: Located at the terminating point to insure operator safety and to stop the conveyor should silverware become lodged between belting.

DRIVE MOTOR: Variable speed FRQ. Drive - electronic control with dynamic braking. Speed control located in control enclosure cover and protected with watertight hinged cover. Motor to be 3/4 HP, 208 volt, and single phase. Provide motors with stainless steel motor cover to protect against wash down.

BELTING: RDL type 10" wide unbreakable Duraflex molded of Dupont ST100 with integral chain configuration which will operate on a standard #60 sprockets. Belting to be elevated above top slider pan 1/4" by replaceable lubricated for life runners mounted in rolled formed stainless steel channel welded to top slider pan, better known as air-ride feature.

RETURN TRACK: To be continuous from tail end of the conveyor to the driven end and constructed of #16 gauge stainless steel channel with two parallel 1/2" x 1/2" lubricated for life runners for low constant coefficient of friction.

RADIUS HOLD DOWN: Lubricated for life runners mounted on 1/8" x 1" stainless steel rolled flat bar welded to radius bend down on conveyor pan.

WASH TANK: #14 gauge stainless steel with integral chute which will carry food debris into a removable perforated drawer. Bottom of tank to be creased for water to flow into a 1-1/2" drain. Wash tank to be provided with automatic detergent injector system and clean belting during time of operation. Wash timer cycle to be adjustable for wash time "on" and wash time "off".

WASHING OF THE SLATS: Shall be accomplished by 6 spray jets to force hot water onto both sides of the slats to remove food debris.

DRIP PAN: To be 12" wide the entire length of conveyor constructed of #18 gauge stainless steel channel. Both sides turned up 90 degrees, 1/4" high, cove corner. Raw edge and de-burred. Pan to pitch a minimum of 1/8" per foot.

REMOVABLE SKIRTS: #18 gauge stainless steel measuring 13" high by 5"-0" long formed to a 1" thickness with two bends for rigidity. Skirting to be removable without the use of tools and polished to a #4 finish with horizontal grain.

ELECTRICAL: Conveyor drive motor will be controlled by an across the line starter, and electronic programmable controllers to provide full motor protection, brake action and soft current starting to extend mechanical life of the system. Electrical circuitry shall incorporate short circuit overload and under-voltage protection and safe low 24 voltage to all external control push buttons and switches.

MAIN POWER: Those responsible for electrical installation shall provide: electrical power to be connected to clearly marked terminal in control box. All external controls circuit shall be installed as part of the electrical controls to provide safe low voltage control circuit - 24 volt. Main electrical control panels provided with emergency disconnect power ON/OFF switch with locking door panel device, short circuit protection and under/over voltage protection. The main disconnect, motor starters, transformer, control relay and terminal strip shall be in

one master control panel wall mounted, NEMA-4X. The disconnect shall be mounted in cover of the main control panel and located for easy access. Control box components shall be pre-wired to terminal strip in panel. All components external of control box shall be pre-wired in electrical metallic tubing and connected to the control junction boxes with liquid tight flexible conduit to control switches. All wires shall terminate at terminal strip in the master control panel. Control junction boxes shall be mounted within the confines of the drive enclosure.

CONTROLS: In accordance with electrical schematics and wiring diagrams provided by Traycon Mfg. Co., Inc. All electrical controls shall incorporate short circuit, over and under voltage protection, wiring methods are physically and mechanically protected and follow NEC standards as described in Article No. 430. Traycon must be informed of any additional local codes, requirements or customer requirements prior to the job being approved or released. System should be provided with illuminated "START-STOP" buttons, safety switches and control limit switches.

Final electrical and plumbing field connections to be performed by others. Upon completion of installation, the owners will be furnished with a complete maintenance manual and the unit shall bear the manufacturer's label with telephone number and address.

Item #: 68
Manufacturer: Traycon
Model #: Custom
Quantity: 1
Description: Rack Shelf

See item #67.

Item #: 69
Manufacturer: By Plumbing Contractor
Model #: ---
Quantity: 1
Description: Mop Rack

Item #: 70
Manufacturer: T & S
Model #: B-2339
Quantity: 1
Description: Ceiling Mounted Hose Reel

Item #: 71
Manufacturer: Caddy
Model #: TD-607D
Quantity: 2
Description: Soiled Tray Return Cart

Verify tray size with Owner. Provide with key locking door latch.

Item #: 72
Manufacturer: Salvajor
Model #: 200-SA-6.5-ARSS-LD
Quantity: 1
Description: Disposer W/Control

Provide with T & S B-0455

Item #: 73
Manufacturer: Fabricator
Model #: Custom
Quantity: 2
Description: Exhaust Ducts

See item #77.

Item #: 74
Manufacturer: Traycon
Model #: Custom
Quantity: 1
Description: Tray Drop-Off Shelf

See item #67.

Item #: 75
Manufacturer: Traycon
Model #: Custom
Quantity: 1
Description: Roll-Down Door

See item #67.

Item #: 76
Manufacturer: Traycon
Model #: Custom
Quantity: 1
Description: Sight and Sound Barrier

See item #67.

Item #: 77
Manufacturer: Hobart
Model #: CRS76A+
Quantity: 1
Description: Dishmachine

Equipment to include: single point electrical connection (3 phase only); vent fan control; stainless steel splash; two (2) standard vent hood with 4" x 16" vent and damper; lower prewash arm; and table limit switch, 6" higher than standard

chamber, cold water aquastat, auto fill, auto shut down, common drain, electrical tank heat. Provide with direct drive unloader.

Provide as part of this unit, 14 gauge type 304 stainless steel vent ducts from machine to ceiling for exhaust. Ducts to be manufactured by approved fabricator.

Item #: 78
Manufacturer: Hatco
Model #: C-36
Quantity: 1
Description: Booster Heater

Unit to be all stainless steel, body and base. Provide with pilot light and on/off switch.

Item #: 79
Manufacturer: San Aire
Model #: PD-100M
Quantity: 2
Description: Tray Dryer

Item #: 80
Description: Spare Number

Item #: 81
Manufacturer: Traycon
Model #: Custom
Quantity: 1
Description: Clean Dishtable

See item #67.

Item #: 82
Manufacturer: Metro
Model #: PCD11A
Quantity: 2
Description: Mobile Dish Dolly

Provide with 4 additional dividers and covers.

Item #: 83
Manufacturer: Traycon
Model #: Custom
Quantity: 1
Description: Rack Shelf

See item #67.

Item #: 84
Manufacturer: Metro
Model #: PR48ES
Quantity: 1
Description: Mobile Pot/Pan Rack

Item #: 85
Manufacturer: Metro
Model #: SE Brite
Quantity: Lot
Description: Storage Shelving

Posts shall be 86" high. No tools required for assembly. All units to have five shelves and four posts. No common posts permitted.

Item #: 86
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Bag-In-Box Rack

Item #: 87
Spare Number

Item #: 88
Manufacturer: San Jamar
Model #: H2001XC
Quantity: 4
Description: Napkin Dispenser

Verify napkin size with Owner. Vertical flush mount.

Item #: 89
Manufacturer: Fabricator
Model: Custom
Quantity: 1
Description: Silver Counter

Unit to be constructed in accordance with the general specifications:

- A. Size and shape as indicated on plan view. Height as indicated on elevation drawings. Counter to sit on 6" high concrete curb. Coordinate w/General Contractor for exact size of curb required.
- B. Provide stone top per 2.01.T. 2'-10" o.a. height. Provide splash having 1" turn back to wall on sides and rear where applicable, enclose at ends of splash. Slant top forward 30 degrees, front of counter at slant to be at 2'-6" and slope back to wall 30 degrees. Top to accommodate stainless steel drop-in silverware cylinders, quantity as shown on plan view, provided by FSEC.
- C. Provide skeletal framed and wrapped base in accordance with 2.01.I. All exposed sides of counter to be provided with laminated 3/4" marine plywood

panels. Color selection by Architect; see Interior Designers' elevations for counter detail.

Item #: 90
Manufacturer: Fabricator
Model: Custom
Quantity: 1
Description: Daily Special Counter

Unit to be constructed in accordance with the general specifications:

- A. Size and shape as indicated on drawings. 2'-10" o.a. height. Counter to sit on 6" high concrete curb. Coordinate with General Contractor for exact size of curb required.
- B. Provide stone top per 2.01.T.
- C. Provide skeletal framed and wrapped base in accordance with 2.01.I. Provide bottom shelf in accordance with 2.04K.
- D. Service side of counter to be provided with laminated 3/4" marine plywood access doors with Blum Inc. concealed hinges. Verify color with Architect. See Interior Designer's elevations for counter detail.

Item #: 91
Manufacturer: Structural Concepts
Model #: CO5978R
Quantity: 2
Description: Air Curtain Refrigerator

Provide all exposed exterior with laminate color. Selection to be made by Interior Designer. Provide with laminated close off security cover.

Item #: 92
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Tray/Pick-up Counter

Unit to be constructed in accordance with the general specifications:

- A. Size and shape as indicated on plan view. Height as indicated on elevation drawings. Counter to sit on 6" high concrete curb. Coordinate w/General Contractor for exact size of curb required.
- B. Provide stone top per 2.01.T. 18" o.a. height for stacking trays. Provide stone side splashes against wall to match height of all counter splashes.
- C. Provide skeletal framed and wrapped base in accordance with 2.01.I. All exposed sides of counter to be provided with laminated 3/4" marine plywood panels. Color selection by Architect; see Interior Designers' elevations for counter detail.

Item #: 93
Manufacturer: Steril-Sil
Model #: S-500
Quantity: 16
Description: Silverware Bins

Item #: 94
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Short Order Counter

Unit to be constructed in accordance with the general specifications:

- A. Size and shape as indicated on drawings. 2'-10" o.a. height. Counter to sit on 6" high concrete curb. Coordinate with General Contractor for exact size of curb required.
- B. Provide stone top per 2.01.T. Fabricate top to accommodate item #95 and 97 and seal to top.
- C. Provide skeletal framed and wrapped base in accordance with 2.01.I. Base to accommodate item #98. Provide bottom shelf in accordance with 2.04K. Provide 10" skirt on service side. Mount all switches and controls in 10" skirt.
- D. Service side of counter to be provided with laminated 3/4" marine plywood panels. Verify color with Architect. See Interior Designer's elevations for counter detail.
- E. Provide integral with top trayslide length as shown on plan view. Level and tie to wall at ends where applicable. Provide with three stone runners as shown on plan view. Color of runners to be selected by Architect.
- F. Counter internal wiring of electrical fixtures to be in accordance with 2.04.H.

Item #: 95
Manufacturer: Delfield
Model #: DIS-Series
Quantity: 4
Description: Heated Plate Lowerator

Verify plate size with Owner. Shorten height to fit in counter.

Item #: 96
Manufacturer: Brass Smith
Model #: Z-9930-INM-1-78
Quantity: 1
Description: Sneeze Guard Assembly

Color as selected by Interior Designer. Size and shape as shown on plan view. Provide shop drawings for approval prior to fabrication.

Item #: 97
Manufacturer: Wells
Model #: HRCP-7200
Quantity: 1
Description: 2-Well Hot/Cold Food Unit

Item #: 98
Manufacturer: Delfield
Model #: 4427N-6
Quantity: 1
Description: Refrigerated Sandwich Unit

Provide with locking casters, stainless rear and one additional shelf.

Item #: 99
Spare Number

Item #: 100
Spare Number

Item #: 101
Manufacturer: Merco
Model #: PDC-2418
Quantity: 1
Description: Pizza Slide

Item #: 102
Manufacturer: Delfield
Model #: DIS-Series
Quantity: 2
Description: Heated Bowl Lowerator

Verify bowl size with Owner. Shorten height to fit in counter.

Item #: 103
Manufacturer: Brass Smith
Model #: Z9930-INM-1-40
Quantity: 1
Description: Sneeze Guard Assembly

Color as selected by Interior Designer. Size and shape as shown on plan view.
Provide shop drawings for approval prior to fabrication.

Item #: 104
Manufacturer: Wells
Model #: HRCP-7200
Quantity: 1
Description: 2-Well Hot/Cold Food Unit

Item #: 105
Manufacturer: Cook Tek
Model #: MC-1800
Quantity: 1
Description: Induction Cooker

Item #: 106
Manufacturer: Star
Model #: CG101
Quantity: 1
Description: Panini Grill

Item #: 107
Manufacturer: Delfield
Model #: DIS-Series
Quantity: 2
Description: Plate Lowerator

Verify bowl size with Owner. Shorten height to fit in counter.

Item #: 108
Manufacturer: Brass Smith
Model #: Z9930-INM-86 w/Flat Front
Quantity: 1
Description: Sneeze Guard Assembly

Color as selected by Interior Designer. Size and shape as shown on plan view.
Provide shop drawings for approval prior to fabrication.

Item #: 109
Spare Number

Item #: 110
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Bakery Counter

Unit to be constructed in accordance with the general specifications:

- A. Size and shape as indicated on drawings. 2'-10" o.a. height. Counter to sit on 6" high concrete curb. Coordinate with General Contractor for exact size of curb required.
- B. Provide stone top per 2.01.T.
- C. Provide skeletal framed and wrapped base in accordance with 2.01.I. Provide bottom shelf in accordance with 2.04K.
- D. Service side of counter to be provided with laminated $\frac{3}{4}$ " marine plywood access doors with Blum Inc. concealed hinges. Verify color with Architect. See Interior Designer's elevations for counter detail.

Item #: 111
Manufacturer: Wells
Model #: HRCP-7300
Quantity: 1
Description: 3-Well Hot/Cold Unit

Item #: 112
Manufacturer: Wells
Model #: HRCP-7200
Quantity: 1
Description: 2-Well Hot/Cold Unit

Item #: 113
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Entrée Counter

Unit to be constructed in accordance with the general specifications:

- A. Size and shape as indicated on drawings. 2'-10" o.a. height. Counter to sit on 6" high concrete curb. Coordinate with General Contractor for exact size of curb required.
- B. Provide stone top per 2.01.T. Fabricate top to accommodate item #88, 95, 102, 104, 111 and 112 and seal to top. Provide lowered section where shown on plan view at item #105 and 106 at 2'-4" a.f.f.
- C. Provide skeletal framed and wrapped base in accordance with 2.01.I. Provide bottom shelf in accordance with 2.04K. Provide 10" skirt on service side. Mount all switches and controls in 10" skirt.
- D. Service side of counter to be provided with laminated 3/4" marine plywood panels. Verify color with Architect. See Interior Designer's elevations for counter detail.
- E. Provide integral with top trayslide length as shown on plan view. Level and tie to wall at ends where applicable. Provide with three stone runners as shown on plan view. Color of runners to be selected by Architect.
- F. Counter internal wiring of electrical fixtures to be in accordance with 2.04.H.

Item #: 114
Manufacturer: Federal
Model #: SCT-2
Quantity: 2
Description: Bakery Display Case

Item #: 115
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Back Counter w/Sink

Unit to be constructed in accordance with the general specifications:

- A. Size and shape as indicated on drawings. 2'-10" o.a. height.
- B. Provide with C.H. die cast stainless adjustable # A72-0811 legs.
- C. Provide stone top per 2.01.T.
- D. Provide skeletal framed and wrapped base in accordance with 2.01.I. Provide bottom shelf in accordance with 2.04K.
- E. Service side of counter to be provided with laminated 3/4" marine plywood access doors with Blum Inc. concealed hinges. Verify color with Architect. See Interior Designer's elevations for counter detail.
- F. Provide where shown on plan sink in accordance with 2.01.P and sized as shown on plan view 10" deep with one 10" splash mounted faucet.

Item #: 116
Manufacturer: Delfield
Model #: SSRRI1-S
Quantity: 1
Description: Roll-In Refrigerator

Item #: 117
Manufacturer: Delfield
Model #: SSHRI1-S
Quantity: 1
Description: Roll-In Hot Box

Item #: 118
Manufacturer: Halton
Model #: Custom
Quantity: 1
Description: Exhaust Hood

Dimensions: As shown on plans with a typical hanging height of 6'-6" above finished floor.

Furnish and install a complete kitchen exhaust canopy. The hood shall be the Capture Jet system, Model KVE as manufactured by the HALTON Company of Scottsville, Kentucky. The canopy shall bear UL or ETL labels and be listed as "range hood without exhaust fire damper" per standard 710 and be fabricated in compliance with NFPA-96-2001, and shall bear the National Sanitation Foundation seal of approval.

The installation shall be in accordance with the manufacturer's recommendations and conform to NFPA-96 guidelines and all applicable local codes.

The canopy inner liner shall be 100% 18 gauge stainless steel, type 304 with #4 finish. Each canopy shall have a filter housing of the same material as the canopy liner. The filter housing shall be equipped with a concealed drip tray the full length of the canopy and with a grease cup for easy removal and daily cleaning.

Hood lights shall be U.L. listed and suitable for grease hoods as shown on plans. Ventilator shall be provided with face mounted light and fan switches with pilot light. Ventilator shall include finished back and enclosure panels to finished ceiling.

The exhaust airflow will be based on the convective heat generated by the appliances underneath each canopy. Submittal shall include convective heat calculations base on the input power of the appliance served as defined by ASTM Standards F-1704-05 Capture & Containment and F-2474-05 Heat Gain to Space. Final air volume calculations shall comply with the hood listing.

The Internal Capture Jet air shall be introduced through a special discharge panel and shall not exceed 15% of the calculated exhaust airflow. Slot type Internal Discharge or "Short-Cycle" hood systems shall not be used.

The hood shall be equipped with model KSA multi-cyclone stainless steel grease filters. The grease filter efficiency is 93% on particles with a diameter of 5 microns and 98% on particles with a diameter of 15 microns or larger, as per ASTM Standard F-2519-05.

The exhaust and Capture Jet air volumes are to be field confirmed by a registered air balance technician by utilizing the integral T.A.B. (Testing and Balancing) ports mounted in the hood.

Fire Protection System: As part of item, furnish a complete wet chemical fire suppression system model R102 as manufactured by "Ansul" or equal in compliance with U.L. 300 standards. The system shall include factory prepiped, all permits and test as required by the authority having jurisdiction.

Automatic actuation shall be by means of fusible with no visible conduit.

System shall be furnished and installed by an Ansul certified distributor in accordance with manufacturer's instructions and the authority having jurisdiction.

Microswitches shall be furnished as part of the fire protection system for tie in of building alarm and for make up air/fire/fuel shut down.

All access openings, holes, sleeves, chases, etc., in building structure necessary to permit piping and control tubing to be run between system unit, ventilator and duct work are to be provided by the General Contractor.

The Building Alarm System Contractor is to furnish a control relay to detect operation of the system by connection to the microswitches supplied. The Electrical Contractor is to furnish shunt trip breakers as required and install all wiring required for the system specified.

Notes:

- (1) All exposed piping and nozzles of fire protection system shall be chrome or Stainless steel sleeved.
- (2) All horizontal piping is to be done on the top of the ventilator unless otherwise specified.

Item #: 119
Manufacturer: Ansul
Model #: R-102
Quantity: 1
Description: Fire Suppression System

For item #118.

Item #: 120
Manufacturer: Wells
Model #: RCP 7500
Quantity: 1
Description: Refrigerated Cold Pan

Item #: 121
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Cashier Stand

Unit to be constructed in accordance with the specifications:

- A. Size and shape as indicated on drawings. 2'-10" height at trayslide. Provide with C.H. die cast stainless adjustable # A72-0811 legs.
- B. Provide stone top per 2.01.T.
- C. Provide skeletal framed and wrapped base in accordance with 2.01.K. Exposed sides of counter to be provided with laminated 3/4" marine plywood panels. Verify color with Architect. See Interior Designer's elevations for counter detail.
- D. Provide integral with top trayslide length as shown on plan view. Level and tie to wall at ends where applicable. Provide with three stone runners as shown on plan view. Color of runners to be selected by Architect.
- E. At cashiers' area provide center cash drawer with tubular lock and slide out shelf for CPU in lieu of foot rest. Provide 2" dia. grommeted hole for cash register cord.

Item #: 122
Manufacturer: Metro
Model #: Custom
Quantity: 1
Description: Smart Wall Plus

Provide the following 7'-0" Unit on Tall Wall:

- | | |
|--------------|----------------------|
| 2) SWP40S | Wall Track |
| 2) SWP56S | Wall Track |
| 3) 33PK3-SWP | Post Assemblies |
| 2) 1442NK3 | Wire Shelf |
| 1) 1842NK3 | Wire Shelf |
| 3) L42N-1K3 | 1" Ledge |
| 2) 1WS14K3 | Shelf Supports |
| 1) 2WS14K3 | Double Shelf Support |
| 2) 1WS18K3 | Shelf Support |
| 1) 2WS18K3 | Double Shelf Support |
| 1) WG1836K3 | 18" x 36" Grids |
| 1) WG1848K3 | 18" x 48" Grids |
| 2) SWPGBRK | Grid Bracket Kits |
| 16) 9997C | Collar Plugs |

Accessories:

- | | |
|-----------|-------------------|
| 6) HK23C | Small Hooks |
| 6) HK26C | Double Hooks |
| 2) H210K3 | Wire Baskets |
| 1) STP3BR | Insert Pan Holder |

Item #: 123
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Cashier Stand

Unit to be constructed in accordance with the specifications:

- A. Size and shape as indicated on drawings. 2'-10" height at trayslide. Provide with C.H. die cast stainless adjustable # A72-0811 legs.
- B. Provide stone top per 2.01.T.

- C. Provide skeletal framed and wrapped base in accordance with 2.01.K. Exposed sides of counter to be provided with laminated 3/4" marine plywood panels. Verify color with Architect. See Interior Designer's elevations for counter detail.
- D. Provide integral with top trayslide length as shown on plan view. Level and tie to wall at ends where applicable. Provide with three stone runners as shown on plan view. Color of runners to be selected by Architect.
- E. At cashiers' area provide center cash drawer with tubular lock and slide out shelf for CPU in lieu of foot rest. Provide 2" dia. grommited hole for cash register cord.

Item #: 124
Manufacturer: By Owner
Model #: ---
Quantity: 1
Description: POS System

Item #: 125
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Salad/Deli Counter

Unit to be constructed in accordance with the general specifications:

- A. Size and shape as indicated on drawings. 2'-10" o.a. height. Counter to sit on 6" high concrete curb. Coordinate with General Contractor for exact size of curb required
- B. Provide stone top per 2.01.T. Accommodate item #88, 107 and 120 and seal to top
- C. Provide skeletal framed and wrapped base in accordance with 2.01.I. Provide bottom shelf in accordance with 2.04K.
- D. Exposed sides of counter to be provided with laminated 3/4" marine plywood access doors with Blum Inc. concealed hinges. Provide louvers where necessary for ventilation. Mount switches and controls where accessible in cabinet base. Verify color with Architect. See Interior Designer's elevations for counter detail.
- E. Provide integral with top trayslide length as shown on plan view. Level and tie to wall at ends where applicable. Provide with three stone runners as shown on plan view. Color of runners to be selected by Architect.
- F. Counter internal wiring of electrical fixtures to be in accordance with 2.04.H.

Item #: 126
Manufacturer: Brass Smith
Model #: Z9930-INM-Double Sided
Quantity: 1
Description: Sneeze Guard

Color as selected by Interior Designer. Size and shape as shown on plan view. Provide shop drawings for approval prior to fabrication.

Item #: 127
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Beverage Counter

Unit to be constructed in accordance with the general specifications:

- A. Size and shape as indicated on drawings. 2'-10" o.a. height. Counter to sit on 6" high concrete curb. Coordinate with General Contractor for exact size of curb required
- B. Provide stone top per 2.01.T. Bolster top for beverage equipment.
- C. Provide skeletal framed and wrapped base in accordance with 2.01.I. Provide bottom shelf in accordance with 2.04K. Base to accommodate item #128.
- D. Exposed sides of counter to be provided with laminated 3/4" marine plywood access doors with Blum Inc. concealed hinges. Provide louvers where necessary for ventilation. Mount switches and controls where accessible in cabinet base. Verify color with Architect. See Interior Designer's elevations for counter detail.
- E. Provide integral with top trayslide length as shown on plan view. Level and tie to wall at ends where applicable. Provide with three stone runners as shown on plan view. Color of runners to be selected by Architect.
- F. Counter internal wiring of electrical fixtures to be in accordance with 2.04.H.
- G. Provide opening in top where indicated for trash chute. K.E.C. to provide stainless steel trash can to fit under top with side access door.

Item #: 128
Manufacturer: San Jamar
Model #: C2410C
Quantity: 15
Description: Cup Dispenser

Verify cup sizes with Owner.

Item #: 129
Manufacturer: By Vendor
Model #: ---
Quantity: 2
Description: Ice/Soda Dispenser (30")

Item #: 130
Manufacturer: By Vendor
Model #: ---
Quantity: 2
Description: Ambient Carbonator

Item #: 131
Manufacturer: Hoshizaki
Model #: KM-250-MAH
Quantity: 2
Description: Cube Ice Maker (Air Cooled)

Provide with Everpure #9324-01 water filter.

Item #: 132
Manufacturer: By Vendor
Model #: ---
Quantity: 2
Description: Iced Tea Brewer

Item #: 133
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Coffee Brewer

Item #: 134
Manufacturer: Creamiser
Model #: 4-Station
Quantity: 1
Description: Chilled Creamer Dispenser

Item #: 135
Manufacturer: San Jamar
Model #: L1150
Quantity: 3
Description: Condiment Station

Item #: 136
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Specialty Drink Dispenser

Item #: 137
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Frozen Drink Dispenser

Item #: 138
Manufacturer: Taylor
Model #: 336
Quantity: 1
Description: Soft Serve Unit

Item #: 139
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Beverage Counter

Unit to be constructed in accordance with the general specifications:

- A. Size and shape as indicated on drawings. 2'-10" o.a. height. Counter to sit on 6" high concrete curb. Coordinate with General Contractor for exact size of curb required
- B. Provide stone top per 2.01.T. Bolster top for beverage equipment.
- C. Provide skeletal framed and wrapped base in accordance with 2.01.I. Provide bottom shelf in accordance with 2.04K. Base to accommodate item #128.
- D. Exposed sides of counter to be provided with laminated 3/4" marine plywood access doors with Blum Inc. concealed hinges. Provide louvers where necessary for ventilation. Mount switches and controls where accessible in cabinet base. Verify color with Architect. See Interior Designer's elevations for counter detail.
- E. Provide integral with top trayslide length as shown on plan view. Level and tie to wall at ends where applicable. Provide with three stone runners as shown on plan view. Color of runners to be selected by Architect.
- F. Counter internal wiring of electrical fixtures to be in accordance with 2.04.H.
- G. Provide opening in top where indicated for trash chute. K.E.C. to provide stainless steel trash can to fit under top with side access door.

Item #: 140
Manufacturer: By General Contractor
Model #: ---
Quantity: 1
Description: Enclosure Gate

Item #: 141
Manufacturer: By Vendor
Model #: ---
Quantity: 4
Description: Vending Machine

Item #: 142
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Condiment Counter

Unit to be constructed in accordance with the general specifications:

- A. Size and shape as indicated on drawings. 2'-10" o.a. height. Counter to sit on 6" high concrete curb. Coordinate with General Contractor for exact size of curb required
- B. Provide stone top per 2.01.T.
- C. Provide skeletal framed and wrapped base in accordance with 2.01.I. Provide bottom shelf in accordance with 2.04K. Base to accommodate item #143 and 147.
- D. Exposed sides of counter to be provided with laminated 3/4" marine plywood access doors with Blum Inc. concealed hinges. Provide louvers where necessary for ventilation. Mount switches and controls where accessible in cabinet base. Verify color with Architect. See Interior Designer's elevations for counter detail.
- E. Provide integral with top trayslide length as shown on plan view. Level and tie to wall at ends where applicable. Provide with three stone runners as shown on plan view. Color of runners to be selected by Architect.
- F. Counter internal wiring of electrical fixtures to be in accordance with 2.04.H.

G. Provide opening in top where indicated for trash chute. K.E.C. to provide stainless steel trash can to fit under top with side access door.

Item #: 143
Manufacturer: Panasonic
Model #: NE-1258
Quantity: 1
Description: Microwave Oven

Item #: 144
Manufacturer: Belleco
Model #: JT-1
Quantity: 1
Description: Conveyor Toaster

Item #: 145
Manufacturer: By Owner
Model #: ---
Quantity: Lot
Description: Condiment Pumps

Item #: 146
Spare Number

Item #: 147
Manufacturer: San Jamar
Model #: C2410C
Quantity: 3
Description: Cup Dispenser (Horizontal Mount)

Verify cup sizes with Owner.

Item #: 148
Manufacturer: Hoshizaki
Model #: DCM-500BAF
Quantity: 1
Description: Ice/Water Dispenser

Item #: 149
Spare Number

Item #: 150
Spare Number

Item #: 151
Manufacturer: San Jamar
Model #: B4183INL
Quantity: 1
Description: Topping Dispenser

Item #: 152
Manufacturer: By Owner
Model #: ---
Quantity: 1
Description: Cone Dispenser

3RD FLOOR PANTRY

Item #: T1
Manufacturer: Delfield
Model #: SSDTR1-SH
Quantity: 1
Description: Refrigerator/Freezer

Provide with locking casters and two additional shelves.

Item #: T2
Manufacturer: Everpure
Model #: EV9324-01
Quantity: 1
Description: Water Filtration System

Item #: T3
Manufacturer: Hoshizaki
Model #: DCM-500BAF
Quantity: 1
Description: Ice/Water Dispenser

Item #: T4
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Iced Tea Brewer

Item #: T5
Manufacturer: Metro
Model #: D2121C
Quantity: 2
Description: Mobile Cup/Glass Rack

Item #: T6
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Coffee Brewer

Item #: T7
Manufacturer: Panasonic
Model #: NE-1258
Quantity: 1
Description: Microwave Oven

Item #: T8
Manufacturer: Metro
Model #: Custom
Quantity: 1
Description: Smart Wall Plus

Provide the following 8'-0" Unit on Tall Wall:

2) SWP56S	Wall Tracks
3) 33PK3-SWP	Post Assemblies
2) 1448NK3	Wire Shelves
2) 1848NK3	Wire Shelves
4) L48N-1K3	1" Ledge
2) 1WS14K3	Shelf Supports
1) 2WS14K3	Double Shelf Supports
2) 1WS18K3	Shelf Support
1) 2WS18K3	Double Shelf Support
2) WG1848K3	18" x 48" Grids
2) SWPGBRK	Grid Bracket Kits
16) 9997C	Collar Plugs

Accessories:

8) HK23C	Small Hooks
8) HK26C	Double Hooks
2) H210K3	Wire Baskets
1) STP3BR	Insert Pan Holder
1) SR24K3	Spice Rack

Also as part of Item T-8

Provide the following 6'-0" Unit on Tall Wall:

4) SWP40S	Wall Tracks
2) 1436NK3	Wire Shelf
2) 1836NK3	Wire Shelf
4) L36N-1K3	1" Ledge
3) 33PK3-SWP	Post Assemblies
2) 1WS14K3	Shelf Supports
1) 2WS14K3	Double Shelf Supports
2) 1WS18K3	Shelf Supports
1) 2WS18K3	Double Shelf Supports
2) WG1836K3	18" x 36" Grid
2) SWPGBRK	Grid Bracket Kits
16) 9997C	Collar Plugs

Accessories:

10) HK23C	Small Hooks
2) H210K3	Wire Baskets
1) STP3BR	Insert Pan Holder

Item #: T9
Spare Number

Item #: T10
Spare Number

Item #: T11
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Beverage Table W/Sink

Unit to be built in accordance with the general specifications and the following:

- A. Top to be per 2.01.F.1. 2'-10" o.a. height.
- B. Base in accordance with 2.01.G. No front rail where mobile equipment is shown. Base to accommodate item #T5, two each. In all other areas provide in accordance with 2.01.J.1 wherever possible, except at sink bowl area.
- C. See and provide per 2.01.O; Sink bowl sized as shown on plan view.

Item #: T12
Manufacturer: Krowne
Model #: HS-14
Quantity: 1
Description: Hand Sink

Provide w/Side Splashes.

Item #: T13
Manufacturer: By Owner
Model #: ---
Quantity: 1
Description: Trash Receptacle

Item #: T14
Manufacturer: Metro
Model #: Max Q
Quantity: 2
Description: Storage Shelving

Posts shall be 86" high. No tools required for assembly. All units to have five shelves and four posts. No common posts permitted.

Item #: T15
Manufacturer: By Owner
Model #: ---
Quantity: Lot
Description: Office Furniture

Item #: T16
Manufacturer: Caddy
Model #: TD-607D
Quantity: 1
Description: Mobile Tray Delivery Cart

Verify tray size with Owner. Provide with corner bumpers.

Item #: T17
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Soda Dispenser

Item #: T18
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Ambient Carbonator

Item #: T19
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Bag-In-Box Rack

4th FLOOR PANTRY

Item #: F1
Manufacturer: By Owner
Model #: ---
Quantity: 1
Description: Trash Receptacle

Item #: F2
Manufacturer: Krowne
Model #: HS-14
Quantity: 1
Description: Hand Sink

Provide w Side Splashes.

Item #: F3
Manufacturer: Fabricator
Model #: Custom
Quantity: 1
Description: Beverage Table W/Sink

Unit to be built in accordance with the general specifications and the following:

- A. Top to be per 2.01.F.1. 2'-10" o.a. height.
- B. Base in accordance with 2.01.G. No front rail where mobile equipment is shown. Base to accommodate item #F7, two each. In all other areas provide in accordance with 2.01.J.1 wherever possible, except at sink bowl area.
- C. See and provide per 2.01.O; Sink bowl sized as shown on plan view.

Item #: F4
Manufacturer: Metro
Model #: Custom
Quantity: 1
Description: Smart Wall Plus

Provide the following 6'-0" Unit on Tall Wall:

4) SWP40S	Wall Tracks
2) 1436NK3	Wire Shelf
2) 1836NK3	Wire Shelf
4) L36N-1K3	1" Ledge
3) 33PK3-SWP	Post Assemblies
2) 1WS14K3	Shelf Supports
1) 2WS14K3	Double Shelf Supports
2) 1WS18K3	Shelf Supports
1) 2WS18K3	Double Shelf Supports
2) WG1836K3	18" x 36" Grid
2) SWPGBRK	Grid Bracket Kits
16) 9997C	Collar Plugs

Accessories:

10) HK23C	Small Hooks
2) H210K3	Wire Baskets
1) STP3BR	Insert Pan Holder

Item #: F5
Manufacturer: Panasonic
Model #: NE-1258
Quantity: 1
Description: Microwave Oven

Item #: F6
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Coffee Brewer

Item #: F7
Manufacturer: Metro
Model #: D2121C
Quantity: 2
Description: Mobile Cup/Glass Rack

Item #: F8
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Iced Tea Brewer

Item #: F9
Description: Spare Number

Item #: F10
Manufacturer: By Owner
Model #: ---
Quantity: Lot
Description: Office Furniture

Item #: F11
Manufacturer: Delfield
Model #: SSDTR1-SH
Quantity: 1
Description: Refrigerator/Freezer

Provide with locking casters and two additional shelves.

Item #: F12
Spare Number

Item #: F13
Manufacturer: Hoshizaki
Model #: DCM-500BAF
Quantity: 1
Description: Ice/Water Dispenser

Item #: F14
Manufacturer: Everpure
Model #: EV9324-01
Quantity: 1
Description: Water Filtration System

Item #: F15
Manufacturer: Metro
Model #: Max Q
Quantity: 1
Description: Storage Shelving

Posts shall be 86" high. No tools required for assembly. All units to have five shelves and four posts. No common posts permitted.

Item #: F16
Manufacturer: Caddy
Model #: TD-607D
Quantity: 1
Description: Mobile Tray Delivery Cart

Verify tray size with Owner. Provide with corner bumpers.

Item #: F17
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Soda Dispenser

Item #: F18
Manufacturer: By Vendor
Model #: ---
Quantity: 1
Description: Ambient Carbonator

Item #:	F19
Manufacturer:	By Vendor
Model #:	---
Quantity:	1
Description:	Bag-In-Box Rack