



**DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET**  
**State Facilities Administration**  
**Design and Construction Division**

## CONSTRUCTION BID ADDENDUM NO. 04

This form identifies an Addendum to Bidding Documents, and incorporates interpretations or clarifications, modifications, acceptance of proposed "or equal" materials, and other information into the Bidding Documents. Addenda will be numbered by the Professional and distributed through [www.michigan.gov/SIGMAVSS](http://www.michigan.gov/SIGMAVSS) as an attachment.

TO: <b>ALL BIDDERS</b>		DATE ISSUED 10/3/2023
PROJECT NAME Center for Forensic Psychiatry – Create Kitchen		FILE NUMBER 491/20167.SDW
PROFESSIONAL Cariann Davitt Schartow	PROJECT DIRECTOR Susan Wheaton, RA	BID OPENING DATE: 10/11/2023

**ADDENDUM ITEMS:**

Architectural

- Item A1 – Reference Section 083313 & 093323
  - Clarification: coiling doors H120.B, H120.C, and H131.D are non-fire rated doors.
- Item A2 – Reference Section 087100 (**Re-Issued**)
  - Revisions made to the hardware sets, refer to re-issued section.

Food Service

- Item FS1 – Reference Section 114000 (**Re-Issued**)
  - Revisions made to the food service equipment, refer to re-issued section.
- Item FS2 – Reference Sheets FS2.01 (**Re-Issued**)
  - Refer to re-issued sheet for changes.

**ACKNOWLEDGEMENT: This Addendum must be acknowledged by the Bidder in the space provided in the Bid Summary and Bid Form. Failing to acknowledge Addenda may be cause for the Bid to be rejected. Addenda will become part of the Contract Documents.**

PROFESSIONAL: Cariann Davitt Schartow	DATE: 10/3/2023
APPROVED BY: Susan Wheaton, RA	
PROJECT DIRECTOR: Susan Wheaton, RA	DATE: 10/3/2023

## SECTION 087100 - DOOR HARDWARE

### PART 1 - GENERAL

- 1.1 Refer to "General and Special Conditions", and "Instructions to Bidders", Division 1 of Specifications. Requirements of these Sections and the project drawings shall govern work in this section.
- 1.2 Work Included:
- A. Furnish all items of Finish Hardware specified, scheduled, shown or required herein except those items specifically excluded from this section of the specification.
- B. Related work:
1. Division 00 00 00 - Procurement and Contracting Requirements
  2. Division 01 00 00 - General Requirements
  3. Division 06 00 00 - Wood, Plastics, and Composites
  4. Division 08 00 00 - Openings
  5. Division 10 00 00 - Specialties
  6. Division 11 00 00 - Equipment
  7. Division 26 00 00 - Electrical
  8. Division 27 00 00 - Communications
  9. Division 28 00 00 - Electronic Safety and Security
- C. Specific Omissions: Hardware for the following is specified or indicated elsewhere, unless specifically listed in the hardware sets:
1. Cabinet Hardware.
  2. Signs, except as noted.
  3. Folding partitions, except cylinders where detailed.
  4. Sliding aluminum doors
  5. Chain link and wire mesh doors and gates
  6. Access doors and panels
  7. Overhead and Coiling doors
- 1.3 Quality Assurance
- A. Requirements of Regulatory Agencies:
1. Furnish finish hardware to comply with the requirements of laws, codes, ordinances, and regulations of the governmental authorities having jurisdiction where such requirements exceed the requirements of the Specifications.
  2. Furnish finish hardware to comply with the requirements of the regulations for public building accommodations for physically handicapped persons of the governmental authority having jurisdiction and to comply with Americans with Disabilities Act.
  3. Provide hardware for fire-rated openings in compliance with NFPA 80 and state and local building code requirements. Provide only hardware that has been tested and listed by UL for types and sizes of doors required and complies with requirements of door and door frame labels.
- B. Hardware Supplier:

1. Shall be an established firm dealing in contract builders' hardware. He must have adequate inventory, qualified personnel on staff and be located within 100 miles of the project. The distributor must be a factory-authorized dealer for all materials required. The supplier shall be or have in employment an Architectural Hardware Consultant (AHC).

C. Electrified Door Hardware Supplier:

1. Shall be an experienced door hardware supplier who has completed projects with electrified door hardware similar in material, design, and extent to that indicated for this project, whose work has resulted in construction with a record of successful in-service performance, and who is acceptable to manufacturer of primary materials.
2. Shall prepare data for electrified door hardware, including shop drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies like those indicated for this project.
3. Shall have experience in providing consulting services for electrified door hardware installations.

D. Pre-installation Meeting:

1. Before hardware installation, General Contractor/Construction Manager will request a hardware installation meeting be conducted on the installation of hardware; specifically, that of locksets, closers, exit devices, overhead stops and coordinators. Manufacturer's representatives of the above products, in conjunction with the hardware supplier for the project, shall conduct the meeting. Meeting to be held at job site and attended by installers of hardware for aluminum, hollow metal and wood doors. Meeting to address proper coordination and installation of hardware, per finish hardware schedule for this specific project, by using installation manuals, hardware schedule, templates, physical product samples and installation videos.
2. When any electrical or pneumatic hardware is specified this meeting shall also include the following trades/installers: Electrical, Security, Alarm systems and Architect.
3. Convene one week or more prior to commencing work of this Section.
4. The Hardware Supplier shall include the cost of this meeting in his proposal.

E. Manufacturer:

1. **Mandatory: all manufacturers of door hardware are to match the existing facility.**
2. Obtain each type of hardware (latch and locksets, hinges, closers, etc.) from a single manufacturer, although several may be indicated as offering products complying with requirements.
3. Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated.

1.4 Submittals:

A. Hardware Schedule

1. Submit number of Hardware Schedules as directed in Division 1.
2. Follow guidelines established in Door & Hardware Institute Handbook (DHI) Sequence and Format for the Hardware Schedule unless noted otherwise.
3. Schedule will include the following:
  - a. Door Index including opening numbers and the assigned Finish Hardware set.
  - b. Preface sheet listing category only and manufacturer's names of items being furnished as follows:

CATEGORY	SPECIFIED	SCHEDULED
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Hinges	Manufacturer A	Manufacturer B
Lock sets	Manufacturer X	Manufacturer X
Kick Plates	Open	Manufacturer Z

- c. Hardware Locations: Refer to Article 3.1 B.2 Locations.
- d. Opening Description: Single or pair, number, room locations, hand, active leaf, degree of swing, size, door material, frame material, and UL listing.
- e. Hardware Description: Quantity, category, product number, fasteners, and finish.
- f. Headings that refer to the specified Hardware Set Numbers.
- g. Scheduling Sequence shown in Hardware Sets.
- h. Product data of each hardware item, and shop drawings where required, for special conditions and specialty hardware.
- i. Electrified Hardware system operation description.
- j. "Vertical" scheduling format only. "Horizontal" schedules will be returned "Not Approved."
- k. Typed Copy.
- l. Double-Spacing.
- m. 8-1/2 x 11-inch sheets
- n. U.S. Standard Finish symbols or BHMA Finish symbols.

B. Product Data:

1. Submit, in booklet form Manufacturers Catalog cut sheets of scheduled hardware.
2. Submit product data with hardware schedule.

C. Samples:

1. Prior to submittal of the final hardware schedule and prior to final ordering of finish hardware, submit one sample, if required, of each type of exposed hardware unit, finished as required and tagged with full description for coordination with schedule.
2. Samples will be returned to the supplier. Units, which are acceptable and remain undamaged through submittal, review and field comparison procedures may, after final check of operation, be used in the work, within limitations of keying coordination requirements.

D. Key Schedule:

1. Submit detailed schedule indicating clearly how the Owner's final keying instructions have been followed.
2. Submit as a separate schedule.

E. Electrified Hardware Drawings:

1. Submit elevation drawings showing relationship of all electrical hardware components to door and frame.
  - a. Include wiring drawing showing point to point wire hook up for all components.
  - b. Include system operations descriptions for each type of opening; describe each possible condition.

F. Submit to General Contractor/Construction Manager, the factory order acknowledgement numbers for the various hardware items to be used on the project. The factory order acknowledgement numbers shall help to facilitate and expedite any service that may be required on a hardware item. General Contractor/Construction Manager shall keep these order acknowledgement numbers on file in the construction trailer.

1.5 Product Delivery, Storage, and Handling:

- A. Label each item of hardware with the appropriate door number and Hardware Schedule heading number and deliver to the installer so designated by the contractor.

1.6 Warranties:

- A. During the warranty period, replace defective work, including labor, materials and other costs incidental to the work. Replace work found to be defective as defined in the General Conditions.

PART 2 - PRODUCT

2.1 **Mandatory: all manufacturers of door hardware are to match the existing facility.**

2.2 Furnish each category with the products of only one manufacturer unless specified otherwise; this requirement is **mandatory** whether various manufacturers are listed or not.

2.3 Provide the products of manufacturer designated or if more than one manufacturer is listed, the comparable product of one of the other manufacturers listed. Where only one manufacturer or product is listed, it is understood that this is the owner's Building Standard and "no substitution" is allowed.

A. Hinges:

1. Furnish hinges of class and size as follows.
2. Furnish Ives 5BB1HW 4.5" x 4.5" (For Reference Only).
  - a. **Match existing facility manufacturer.**

B. Continuous Gear Hinge:

1. 6063-T6 aluminum alloy, anodized finish (cap on entire hinge painted if specified). Manufacture to template, uncut hinges non-handed, pin less assembly, three interlocking extrusions, full height of door and frame, lubricated polyacetal thrust bearing, fasteners 410 stainless steel plated and hardened. Anodizing of material shall be done after fabrication of components so that all bearing slots are anodized.
2. Length: 1" less than door opening height. Fastener 12-24 x 1/2" #3 Phillips keen form stainless steel self-tapping at aluminum and hollow metal doors, 12- 1/2" #3 Philips, flathead full thread at wood doors.
3. Furnish fire rated hinges "FR" at labeled openings.
  - a. For Wood and Hollow Metal frames;
    - 1) Ives 224XY (For Reference Only)
    - 2) Match existing facility manufacturer.
  - b. For Aluminum frames;
    - 1) Ives 112XY (For Reference Only)
    - 2) Match existing facility manufacturer.

C. Flush Bolts (For reference only - match existing facility manufacturer)

1. Automatic - metal doors:
  - a. Ives FB30 Series

- b. Equal product of any B.H.M.A. member.
  2. Automatic - wood doors:
    - a. Ives FB40 Series
    - b. Equal product of any B.H.M.A. member.
  3. Constant Latching: metal doors:
    - a. Ives FB50 Series
    - b. Equal product of any B.H.M.A. member.
  4. Constant Latching: wood doors:
    - a. Ives FB60 Series
    - b. Equal product of any B.H.M.A. member.
  5. Manual - wood and metal doors:
    - a. Ives FB458 Series
    - b. Equal product of any B.H.M.A. member.
  6. Dust Proof Strikes - furnish with all flush bolts, except at openings having thresholds:
    - a. Ives DP2
    - b. Equal product of any B.H.M.A. member.
- D. Locksets and Latch sets - Heavy Duty: (For reference only - match existing facility manufacturer)
  1. Function numbers listed are or Schlage
  2. Provide 2-3/4 inch backset.
  3. Provide strikes with extended lips where required to protect trim from being marred by latch bolt. Provide strike lips that do not project more than 1/8" beyond doorframe trim at single doors, have 7/8" lip to center at pairs of 1-3/4" doors and rose size 3 1/2 diameter
  5. Locksets and Latch sets:
    - a. Schlage L9000 series
  6. Lockset Trim:
    - a. Schlage HSLR and O3A
- E. Roller Latches: (For reference only - match existing facility manufacturer)
  - a. Ives RL30
- F. Exit Devices:
  1. Exit devices shall be touchpad style, fabricated of brass, bronze, stainless steel, or aluminum, plated to the standard architectural finishes to match the balance of the door hardware.
  2. All exit devices shall incorporate a fluid damper, which decelerates the touchpad on its return stroke and eliminates noise associated with exit device operation. Touchpad shall

- extend a minimum of one half of the door width. All latch bolts to be dead latching type, with a self- lubricating coating to reduce wear.
3. Endcap will be sloped to deflect any impact from carts, and they shall be flush with the external mechanism case. End caps that overlap and project above the mechanism case are unacceptable. End cap shall utilize a two-point attachment to the mounting bracket.
  4. Touchpad shall match exit device finish, and shall be stainless steel for US26, US26D, US28, US32, and US32D finishes. Only compression springs will be used in devices, latches, and outside trims or controls.
  5. Plastic templates shall be included with each exit device to facilitate a quick, easy and accurate installation.
  6. Strikes shall be roller type and come complete with a locking plate to prevent movement.
  7. All rim and vertical rod exit devices shall have passed a 5 million (5,000,000) cycle test based on ANSI A156.3, 1994, Grade 1 test standards and certified by an independent testing lab.
  8. All mortise exit devices shall have passed a 10 million (10,000,000) cycle test based on ANSI A156.3, 1994, Grade 1 test standards and certified by an independent testing lab.
  9. Exit devices shall be UL listed panic exit hardware. All exit devices for fire rated openings shall be UL labeled fire exit hardware.
  10. Lever trim for exit devices shall be vandal-resistant type, which will travel to a 90-degree down position when more than 35 pounds of torque are applied, and which can easily be re-set.
  11. Von Duprin 98/99 and 33A/35A Series. Series and function numbers as listed in sets.
  12. Trim: Von Duprin 990 pull trim, 5 standard functions:
    - a. Classroom (TP)
    - b. Storeroom (NL)
    - c. Dummy trim (DT)
    - d. Passage (TP-BE)
    - e. Exit only (EO)

Trim: Von Duprin 33A/35A Series popular trims 360: lever or thumbpiece trim, 3 standard functions:

    - a. Classroom (L, T)
    - b. Passage (L-BE, T-BE)
    - c. Dummy (L-DT)

386: pull trim, 2 standard functions:

    - a. Storeroom (NL)
    - b. Dummy (DT)

388: optional pull trim, 1 standard function:

    - a. Storeroom (NL-OP)
  13. Von Duprin 98/99 and 33A/35A QELA Baseplate Conv. Kit series.
  14. Schlage PS902 with a Von Duprin 900-4RL is a 4-relay distribution board is a 2- amp 12/24 VDC output power supply for connection of electrified devices such Von Duprin exit devices equipped with the (QELA Baseplate Conv. kit series.)

G. Recessed Exit Devices:

1. Recessed exit devices shall be of the push pad design with straight or horizontal motion to eliminate pinch points. The push pad shall project a maximum of 1-3/4" from the face of the door in the closed position. The push pad shall project a maximum of 1-1/4" from the face of the door in the open position.
2. Latch bolts shall have a self-lubricating coating to reduce friction and wear.
3. Endcaps shall be diecast aluminum and be of a sloping design to deflect impact from carts.

4. Exit devices shall have compression springs, and all internal parts shall be zinc dichromate coated to prevent corrosion.
  5. Outside trim shall be heavy-duty type and fasten by means of concealed studs and through-bolt from the inside. Lever trim shall be cast brass with a minimum average thickness of .130".
  6. Exit devices shall be tested in accordance to ANSI/BHMA A156.3 Grade 1 by a BHMA certified testing laboratory.
  7. A written certification showing successful completion of a minimum of one million cycles must be also provided.
  8. Recessed exit devices shall be as manufactured by Von Duprin. Exit device series shall be 94/95 series.
  9. Trim:
    - a. Levers to match lockset design.
- H. Removable Mullion:
- a. Interior/Exterior doors, mullion is removable only using building keys.
    - 1) Match Existing
  - b. Interior Doors - UL listed, Mullion is removable only using building keys.
    - 1) Match Existing
- I. Push and Pull Hardware: (For reference only - match existing facility manufacturer)
1. Push Plates: Ives 8200 Series 6 x 16 x .050 inches. If stile widths will not accept 6 inches, provide stile width less two inches.
  2. Push Bars: Von Duprin 330/350
  3. Push-Pull Units: One-inch round rod. Push: Straight push bar, Pull: 90-degree offset, 12-inch centers. Attach top post of pull back to back with latch stile end of push bar, bottom post of pull and hinge stile end of push bar with endcaps.
  4. Pull, Offset: One-inch round rod, 90-degree offset, 12-inch centers.
  5. Pulls: One-inch round rod, straight 12-inch centers.
  6. Pull Plates: Ives 8303-8 4 x 16 x .050 inches. 8" center.
  7. Pull, Bi-Fold: Dummy Lever Trims. Levers to match lockset lever design.
  8. Pull, Wire: 3/4-inch diameter, 6-inch centers.
  9. Vandal Resistant Pulls: Ives VR900 Series. Stainless steel construction 0.120 inches thick.
  10. Manufacturer: Provide push and pull hardware from any member of B.H.M.A.
- J. Coordinator - Frame Stop Mounted:
1. Door coordinator shall prevent the active door from closing before inactive door. Stop mounted channel 1-5/8" x 5/8" steel tubing x length to suit door opening. Coordinator shall be UL listed. Furnish filler bars to fill gap between end of coordinator and inactive door frame. Furnish mounting brackets for all stop mounted hardware such as exit device strikes, door closer PA shoes, etc. Coordinators shall be prepared (cutout) at the factory for surface applied or concealed vertical rod panic devices if required.
  2. Furnish with carry bar CB1 when required for proper operation.
    - a. Ives COR x length to suit.
- K. Electric Strike:
1. Electric strikes shall provide remote release of latch bolts. They shall be designed for use with the type locks shown at each opening where required. Strikes will be UL Listed for Burglary-Resistant Electric Door Strike, and where required, shall be UL listed as electric strikes for Fire Doors or Frames. Faceplates shall be stainless steel with finish as specified for each opening. The locking components shall be stainless steel to resist damage and abuse.

2. Solenoids shall be of the continuous duty type for the voltage specified. Plug connectors will be furnished. Strikes shall have an adjustable backbox to compensate for misalignment of door and frame.
  3. Furnish strikes manufactured by VonDuprin
    - a. Von Duprin 6000 Series
    - b. Alternative subject to approval from DTMB Office of Infrastructure Protection, Security Program Coordinator
- L. Electric Power Transfer:
1. Transfer power from door frame to edge of door, UL listed R4504.
  2. Von Duprin EPT
- M. Access control wire - Profusion Genesis series cable 22/6+22/4+22/2+18/4 - Plenum or FTS.
- N. Closers:
1. Door closers shall have fully hydraulic, full rack and pinion action with a high strength cast iron cylinder. Cylinder body shall be 1 ½" in diameter, and double heat-treated pinion shall be 11/16" in diameter with double D slab drive arm connection.
  2. Hydraulic fluid shall be of a type requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
  3. Spring power shall be continuously adjustable over the full range of closer sizes and allow for reduced opening force for the physically handicapped. Hydraulic regulation shall be by tamper- proof, non-critical valves. Closers shall have separate adjustment for latch speed, general speed, and backcheck.
  4. All closers shall have solid forged steel main arms (and forged forearms for parallel arm closers).
  5. All surface mounted mechanical closers shall be certified to exceed ten million (10,000,000) full load cycles by a recognized independent testing laboratory.
  6. Closers will have Powder coating finish certified to exceed 100 hours salt spray testing by ETL, an independent testing laboratory used by BHMA for ANSI certification.
  7. Refer to door and frame details and furnish accessories such as drop plates, panel adapters, spacers and supports as required to correctly install door closers. State degree of door swing in the hardware schedule.
  8. Furnish closers manufactured by LCN
    - a. LCN Series 4000.
- O. ADA Special Closers
1. Where "Low Energy Power Operated Door" as defined by ANSI Standard A156.19 is indicated for doors required to be accessible to the disabled, provide electrically powered operators complying with the ADA requirements for opening force and time to close standards.
  2. Full closing force shall be provided when the power or assist cycle ends.
  3. Modular design, adjustments easily accessible from the front, UL listed for use on labeled doors.
  4. Shall have "Second Chance" function to accommodate momentary resistance, "Breakaway" function in the electronically controlled clutch, "Soft Start" motor control function and "Maintain Hold-Open Switch" to hold the door open at 90 degree.

5. Shall have built in 12V and 24V power supply for actuators, card readers, electric strikes and magnetic door locks, inputs for both swing and stop side sensors and available to accept either 120VAC or 220VAC input power. All wiring connections between operator modules made by easy- to-handle electrical connectors. Shall comply with both UL and NEC requirements for Class 1 and Class 2 wiring by providing separate conduits for each.
6. Shall have seven independent electronic adjustments to tailor the operator for specific site conditions. Opening speed, holding force at 90 deg., sequential trigger and time delay, hold-open time at 90 deg., opening force, clutch "breakaway" force setting, electric strike trigger and time delay.
7. Shall have separate and independent adjustments for back check, main speed and latch speed.
8. Furnish actuators and other controls as shown in HardwareSets.
9. Furnish operators manufactured by:
- 10. All installers must be certified by the American Association of Automatic Door Manufacturers (AAADM) is a trade association of power-operated automatic door manufacturers.**
  - a. Stanley Magic Force
  - b. LCN 4630/4640 Auto Equalizer™ Series Operators

P. Overhead Holders and Stops:

1. Type, function and fasteners must be same as Glynn-Johnson specified. Size per manufacturer's selector chart. Plastic end caps hold open mechanisms and shock blocks are not allowed. End caps must be finished same as balance of unit.
2. Manufacture products using base material of Brass/Bronze for US3, US4, & US10B finished products and 300 Stainless Steel for US32 & US32D finished products.
3. Type, function, and fasteners must be the same as Glynn-Johnson specified. Size per manufacturer's selector chart.
  - a. Von Duprin -Glynn-Johnson

Q. Kick Plates:

1. Furnish .050 inches thick, beveled three sides, 10" high x door width less 2" at single doors and less 1" at pairs. Where glass or louvers prevent this height, supply with height equal to height of bottom rail less 2".
2. Any BHMA manufacturing product meeting above is acceptable.

R. Bumpers:

1. Wrought, forged, or cast, approximately 2-1/2 inch diameter, convex or concave rubber center, concealed fasteners.
  - a. Ives WS407CCV
  - b. BHMA L02101.

S. Wall Stops:

1. Length to exceed projection of all other hardware. Provide with threaded studs and expansion shields for masonry wall construction. Install with slope at top.
  - a. Ives WS33
  - b. BHMA L12011 or L12021

T. Floor Stops:

1. Half dome. Furnish height to suit undercut.
  - a. Ives FB430 series
  - b. BHMA L12141

U. Wall Holders:

1. Products specified by series only; furnish strike length to exceed projection of all other hardware.
  - a. Ives WS40
  - b. Equal products of any BHMA manufacturer

V. Door Holding Magnets:

1. Electrically controlled, fail-safe, holds door open until current is interrupted.
2. Units will have 35 lbs. of holding force.
3. Units will be "tri-voltage", 12VDC, 24VAC/DC & 120VAC.
4. Furnish model to hold door away from wall to allow for any trim or levers on pull side of door.
  - a. LCN SEM 7800 series

W. Thresholds:

1. 1/2" high - 5" wide. Cope at jambs.
2. Furnish full wall opening width when frames are recessed.
3. Cope in front of mullions if thresholds project beyond door faces.
4. Furnish with non-ferrous Stainless-Steel Screws and Lead Anchors.
  - a. Zero as listed in sets
  - b. Equal of NGP or Reese

X. Door Sweeps:

1. Surface Sweeps:
  - a. Zero as listed in sets
  - b. Equal of NGP or Reese

Y. Weather-stripping:

1. Apply to head and jamb stops.
2. Solid Bar stock all sides
  - a. Zero as listed in sets
  - b. Equal by Zero or

Reese

AA. Meeting Stile Weather-stripping:

3. 2 Pc. Nylon brush type to seal gap between pairs of doors.
  - a. Zero as listed in sets
  - b. Equal by NGP or Reese

BB. Astragal:

1. Stainless steel, type 304, Finish 2B. 12 gauge 1-5/8 inch wide. #10 x 3/4" sheet metal screws.
  - a. Zero as listed in sets
  - b. Equal by NGP or Reese

CC. Astragal, Sound:

1. Overlapping type.
  - a. Zero as listed in sets
  - b. Equal by NGP or Reese
2. Meeting stile type.
  - a. Zero as listed in sets
  - b. Equal by NGP or Reese

DD. Sound Seal:

1. Adjustable type perimeter seal.
  - a. Zero as listed in sets
  - b. Equal by NGP or Reese

EE. Lock Protector:

1. Lock protector shall eliminate gap between door and frame. No exposed fasteners on face of unit.
  - a. Ives LG series

FF. Door Position Switches:

1. Coordinate voltage requirements with Electrical Drawings and Specifications.
2. Numbers used are Schlage Electronics
  - a. Surface 7766
  - b. Concealed 7764

GG. Key Control:

1. Key Cabinet
  - a. Provide a key control system including envelopes, labels, tags with self-locking key clips, receipt forms, 3 way visible card index, temporary markers, permanent markers, and standard metal cabinet, all as recommended by system manufacturer, with capacity for 150 percent of the number of locks required for the project.
  - b. Provide complete cross-index system set up by hardware supplier or Lockset manufacturer's representative or Lockset Manufacturers authorized Service Center. Place keys on markers and hooks in the cabinet as determined by the final key schedule. Provide hinged panel type cabinet for wall mounting. Provide one each wall mounted key cabinet.
  - c. Telkee WC Series with key loan record system.
  - d. Supplier shall include the cost of this service in their proposal.

HH. Fasteners:

1. Furnish fasteners of the proper type, size, quantity and finish. Use machine screws and expansion shields for attaching hardware to concrete or masonry, and wall grip inserts at hollow wall construction. Furnish machine screws for attachment to reinforced hollow metal doors and frames and reinforced aluminum doors and frames. Furnish full thread wood screws for attachment to solid wood doors and frames. "TEK" type screws are not acceptable.

**2. Sex bolts will not be permitted on reinforced metal doors or wood doors where blocking is specified.**

2.4 Finishes:

- A. Generally, Dull Chrome, US26D / BHMA 626. Provide finish for each item as indicated in sets.

2.5 Templates and Hardware Location:

- A. Furnish hardware made to template. Supply required templates and hardware locations to the door and frame manufacturers.
- B. Furnish metal template to frame/door supplier for continuous hinge.
- C. Refer to Article 3.1 B.2, Locations, and coordinate with templates.

2.6 Cylinders and Keying:

- A. Locks Cylinders and keys will be furnished with Schlage standard core or Best Small Format Interchangeable Core (SFIC). Coordinate keying requirements with State of Michigan Department of Technology, Management and Budget, Office of Infrastructure Protection.
- B. Provide cylinders with construction cores or keying for use during the construction period. When so directed, and in the presence of the Owner's security department or representative, convert construction cores or keying to the final system.

PART 3 - EXECUTION

3.1 Installation

A. General:

- 1. Install hardware according to manufacturer's installations and template dimensions. Attach all items of finish hardware to doors, frames, walls, etc. with fasteners furnished and required by the manufacture of the item.
- 2. Provide blocking/reinforcement for all wall mounted Hardware.
- 3. Reinforced hollow metal doors and frames and reinforced aluminum door and frames will be drilled and tapped for machine screws.
- 4. Solid wood doors and frames: full thread wood screws. Drill pilot holes before inserting screws.
- 5. Continuous gear hinges attached to hollow metal doors and frames and aluminum doors and frames: 12-24 x 1/2" #3 Phillips Keen form self-tapping. Use #13 or 3/16 drill for pilot.
- 6. Continuous Gear Hinges require continuous mortar guards of foam or cardboard 1/2" thick x frame height, applied with construction adhesive.
- 7. Install weather-strip gasket prior to parallel arm closer bracket, rim exit device or any stop mounted hardware. Gasket to provide a continuous seal around perimeter of door opening. Allow for gasket when installing finish hardware. Door closers will require special templating. Exit devices will require adjustment in backset.

B. Locations:

- 1. Dimensions are from finish floor to center line of items.
- 2. Include this list in Hardware Schedule.

CATEGORY

DIMENSION

Hinges

Door Manufacturer's Standard

Flush Bolt Levers	72" and 12"
Levers	Door Manufacturer's Standard
Exit Device Touch Bar	Per Template
Dead latch Cylinder	43" unless conflicting with push-
pull.	
Deadlock MS Cylinder	43" unless conflicting with push-
pull.	
Hospital Push-Pull	Manufacturer's Template
Roller Latch	At Head
Push-Pull Units	42" to centerline of Pull
Offset Pulls	Suitable for Exit Devices
Pulls - Flush Cup	46"
Pulls (BTB)	46"
Push-Pulls	46"
Push Plates	52"
Pull Plates	42"
Wire Pulls	42"
Wall Stops/holders	At Head
Astragals	Pull side of active leaf
Trim Protector Bars	Push side of door below lever
handle	
Lock Protectors	Pull side of door

C. Field Quality Inspection:

1. Provide the services of a representative to inspect material furnished and its installation and is adjustment, and to instruct the Owner's personnel in adjustment, care and maintenance of hardware.
2. Locksets and exit devices shall be inspected by the factory representative after installation and after the HVAC system is in operation and balanced, to insure correct installation and proper operation.
3. Closers shall be inspected by the factory representative (**and adjusted when required after a Pre- Installation meeting has been conducted**) after installation and after the HVAC system is in operation and balanced, to insure correct installation and proper operation.
4. The manufacturer's representative shall prepare a written report stating compliance and recording locations and kinds of noncompliance. The original report shall be forwarded to the Architect with copies to the Contractor, hardware distributor, hardware installer and building owner.

D. Technical and Warranty Information:

1. At the completion of the project, the technical and warranty information coalesced and kept on file by the General Contractor/Construction Manager shall be given to the Owner or Owner's Agent. In addition to both the technical and warranty information, all factory order acknowledgement numbers supplied to the General Contractor/Construction Manager during the construction period shall be given to the Owner or Owner's Agent. The warranty information and factory order acknowledgement numbers shall serve to both expedite and properly execute any warranty work that may be required on the various hardware items supplied on the project.
2. Submit to General Contractor/Construction Manager, two copies each of parts and service manuals and two each of any special installation or adjustment tools. Include for locksets, exit devices, door closers and any electrical products

Hardware Group No. 01 <A4>

H120.D H120.E

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	112HD EPT		628	IVE
1	EA	POWER TRANSFER	EPT10		⚡ 689	VON
1	EA	EU MORTISE LOCK	L9095BDEU 03A RX DPS CON 12/24 VDC		⚡ 626	SCH
1	EA	H-SEC SURFACE CLOSER	4211 AVB CUSH		689	LCN
1	SET	WEATHER SEAL	(BY DOOR & FRAME MFR)			
1	EA	DOOR SWEEP	39A		A	ZER
1	EA	THRESHOLD	656A-V3-223		A	ZER
1	EA	POWER SUPPLY	(BY SECURITY CONTRACTOR)			
2	EA	ACCESS CONTROL	(BY SECURITY CONTRACTOR)		⚡	
1	EA	DOOR CONTACT	679-05		⚡ BLK	SCE

PRESENTING AN AUTHORIZED CREDENTIAL WILL UNLOCK THE LEVER TO ALLOW PASSAGE THROUGH THE OPENING. AN AUTHORIZED CREDENTIAL IS REQUIRED ON EACH SIDE OF THE OPENING.

COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE USER, THE ARCHITECT AND ALL RELATED TRADES.

Hardware Group No. 02

H122.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	224HD EPT		628	IVE
1	EA	POWER TRANSFER	EPT10		⚡ 689	VON
1	EA	EU MORTISE LOCK	L9095BDEU 03A RX LX DPS CON 12/24 VDC		⚡ 626	SCH
1	EA	H-SEC SURFACE CLOSER	4511T AVB		689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS TKTX		630	IVE
1	EA	WALL STOP	KG183		BLK	KIN
1	EA	GASKETING	488SBK PSA ZAG		BK	ZER
1	EA	WIRE HARNESS	CON-44		⚡	SCH
1	EA	POWER SUPPLY	(BY SECURITY CONTRACTOR)			
2	EA	ACCESS CONTROL	(BY SECURITY CONTRACTOR)		⚡	
1	EA	DOOR CONTACT	679-05		⚡ BLK	SCE

PRESENTING AN AUTHORIZED CREDENTIAL WILL UNLOCK THE LEVER AND ALLOW PASSAGE THROUGH THE OPENING. A VALID CREDENTIAL IS REQUIRED ON EACH SIDE OF THE OPENING.

THIS OPENING IS PART OF A SECURITY INTERLOCK WITH OPENING H131.2

COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE USER, THE ARCHITECT AND ALL RELATED TRADES.

Center For Forensic Psychiatry  
 Kitchen  
 Michigan Department of Health and Human Services  
 Saline, Michigan

File No. 491/20167.SDW  
 Index No. 5603  
 PSC Project No. 2021094

Hardware Group No. 03  
 H131.B

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	224HD EPT SECWDHM		628	IVE
1	EA	POWER TRANSFER	EPT10		⚡ 689	VON
1	EA	EU MORTISE LOCK	L9095BDEU 03A RX LX DPS CON 12/24 VDC		⚡ 626	SCH
1	EA	H-SEC SURFACE CLOSER	4511T AVB		689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS TKTX		630	IVE
1	EA	WALL STOP	KG183		BLK	KIN
1	EA	GASKETING	488SBK PSA ZAG		BK	ZER
1	EA	WIRE HARNESS	CON-44		⚡	SCH
1	EA	POWER SUPPLY	(BY SECURITY CONTRACTOR)			
2	EA	ACCESS CONTROL	(BY SECURITY CONTRACTOR)		⚡	
1	EA	DOOR CONTACT	679-05		⚡ BLK	SCE

PRESENTING AN AUTHORIZED CREDENTIAL WILL UNLOCK THE LEVER AND ALLOW PASSAGE THROUGH THE OPENING. A VALID CREDENTIAL IS REQUIRED ON EACH SIDE OF THE OPENING.

THIS OPENING IS PART OF A SECURITY INTERLOCK WITH OPENING H122.1  
 COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE USER, THE ARCHITECT AND ALL RELATED TRADES.

Hardware Group No. 04  
 H126.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP		652	IVE
1	EA	PRIVACY W/COIN TURN	L9044 03A 09-544 L283-722		626	SCH
1	EA	SURFACE CLOSER	4011 MC		689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS TKTX		630	IVE
1	EA	WALL STOP	WS447		626	IVE
1	EA	GASKETING	488SBK PSA		BK	ZER

Hardware Group No. 05  
 H130.B

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	224HD SEC		628	IVE
1	EA	ANTILIGATURE TIP	TIPIT		628	SEL
1	EA	CLASSROOM LOCK	L9070BDC HSLR 09-663		630	SCH
1	EA	H-SEC SURFACE CLOSER	4211 AVB EDA		689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS TKT		630	IVE
1	EA	MAGNETIC HOLDER	2400LR		689	ABH
1	EA	GASKETING	488SBK PSA ZAG		BK	ZER

DOORS MAY BE HELD-OPEN ELECTRONICALLY. UPON ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM, THE DOORS WILL CLOSE AND POSITIVELY LATCH. COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT AND ALL RELATED TRADES.

Hardware Group No. 06  
 H120.B            H120.C            H131.D

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1			(ALL HDWE BY DOOR MFR)			

Hardware Group No. 07  
 H131.C            H132.C

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
2	EA	CONT. HINGE	112HD EPT SEC		628	IVE
2	EA	ANTILIGATURE TIP	TIPIT		628	SEL
2	EA	POWER TRANSFER	EPT10		⚡ 689	VON
2	EA	TWO PT EU MORT LOCK	LM9295EUBDC 03A CON 12/24 VDC		⚡ 626	SCH
2	EA	H-SEC SURFACE CLOSER	4211 AVB CUSH		689	LCN
1	SET	WEATHER SEAL	(BY DOOR & FRAME MFR)			
2	EA	DOOR SWEEP	39A SEC		A	ZER
1	EA	THRESHOLD	656A-V3-223		A	ZER
1	EA	POWER SUPPLY	(BY SECURITY CONTRACTOR)			
2	EA	KEYPAD	(BY SECURITY CONTRACTOR)		⚡	
2	EA	DOOR CONTACT	679-05		⚡ BLK	SCE

PRESENTING AN AUTHORIZED PIN WILL UNLOCK THE LEVER TO ALLOW PASSAGE THROUGH THE OPENING. AN AUTHORIZED PIN IS REQUIRED ON EACH SIDE OF THE OPENING. COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE USER, THE ARCHITECT AND ALL RELATED TRADES.

Hardware Group No. 08 <A4>  
 E126.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
2	EA	CONT. HINGE	224HD		628	IVE
2	EA	CONT. HINGE	224HD EPT		628	IVE
2	EA	ANTILIGATURE TIP	TIPIT		628	SEL
2	EA	POWER TRANSFER	EPT10		689	VON
2	EA	ELEC FIRE EXIT HARDWARE	RX-QEL-9849-L-BE-F-03-LBL 24 VDC		626	VON
2	EA	H-SEC SURFACE CLOSER	4211 AVB EDA		689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS TKTX		630	IVE
2	EA	MAGNET	SEM7820 12V/24V/120V		689	LCN
1	EA	POWER SUPPLY	(BY SECURITY CONTRACTOR)			
1	EA	ACCESS CONTROL	(BY SECURITY CONTRACTOR)			
2	EA	DOOR CONTACT	679-05		BLK	SCE

DOORS MAY BE HELD-OPEN ELECTRONICALLY. UPON ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM, THE DOORS WILL CLOSE AND POSITIVELY LATCH. PRESENTING AN AUTHORIZED CREDENTIAL WILL UNLOCK THE LEVER TO ALLOW PASSAGE THROUGH THE OPENING. AN AUTHORIZED CREDENTIAL IS REQUIRED ON EACH SIDE OF THE OPENING.

COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE USER, THE ARCHITECT AND ALL RELATED TRADES.

Hardware Group No. 09  
 H125.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP		652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050BDC 03A 09-544		626	SCH
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS		630	IVE
1	EA	WALL STOP	WS447		626	IVE
1	EA	GASKETING	488SBK PSA		BK	ZER

Hardware Group No. 10  
 H124.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	224HD		628	IVE
1	EA	CLASSROOM LOCK	L9070BDC 03A		626	SCH
1	EA	OH STOP	90S J		630	GLY
1	EA	ARMOR PLATE	8400 36" X 1 1/2" LDW B-CS		630	IVE
1	EA	GASKETING	488SBK PSA ZAG		BK	ZER

Hardware Group No. 11  
 H127.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP		652	IVE
1	EA	CLASSROOM LOCK	L9070BDC 03A		626	SCH
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS TKTX		630	IVE
1	EA	WALL STOP	WS447		626	IVE
1	EA	GASKETING	488SBK PSA ZAG		BK	ZER

Hardware Group No. 12 <A4>

E124.C H133.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	224HD EPT SECWDHM		628	IVE
1	EA	ANTILIGATURE TIP	TIPIT		628	SEL
1	EA	POWER TRANSFER	EPT10		689	VON
1	EA	ELEC FIRE EXIT HARDWARE	RX-EL-9875-HL-F-SEC 24 VDC		626	VON
2	EA	SFIC MORTISE CYL.	80-102		626	SCH
1	EA	H-SEC SURFACE CLOSER	4211 AVB CUSH		689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS TKTX		630	IVE
1	EA	GASKETING	488SBK PSA		BK	ZER
1	EA	POWER SUPPLY	(BY SECURITY CONTRACTOR)			
1	EA	DOOR CONTACT	679-05		BLK	SCE

COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE USER, THE ARCHITECT AND ALL RELATED TRADES.

Hardware Group No. 13

H121.A H200.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP		652	IVE
1	EA	STOREROOM LOCK	L9080BDC 03A		626	SCH
1	EA	SURFACE CLOSER	4011 MC		689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS		630	IVE
1	EA	WALL STOP	WS33X		626	IVE
1	EA	GASKETING	488SBK PSA		BK	ZER

Hardware Group No. 13.1  
 H132.B

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	224HD		628	IVE
1	EA	ANTILIGATURE TIP	TIPIT		628	SEL
1	EA	STOREROOM LOCK	L9080BDC HSLR 09-663		630	SCH
1	EA	SURFACE CLOSER	4011 MC		689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS		630	IVE
1	EA	WALL STOP	WS33X		626	IVE
1	EA	GASKETING	488SBK PSA		BK	ZER

Hardware Group No. 14  
 H131.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
2	EA	CONT. HINGE	224HD SEC		628	IVE
1	EA	PANIC HARDWARE	9849-EO-LBL-SEC		626	VON
1	EA	PANIC HARDWARE	9875-HL-576A-SEC		626	VON
1	EA	SFIC MORTISE CYL.	80-102		626	SCH
2	EA	H-SEC SURFACE CLOSER	4211 AVB EDA		689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS TKTX		630	IVE
2	EA	MAGNET	SEM7820 12V/24V/120V	 ⚡	689	LCN

DOORS MAY BE HELD-OPEN ELECTRONICALLY. UPON ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM, THE DOORS WILL CLOSE AND POSITIVELY LATCH. COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT AND ALL RELATED TRADES.

Hardware Group No. 15  
 H201.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	224HD		628	IVE
1	EA	DBL CYL STORE W/DB	L9466BDC 03A		626	SCH
1	EA	SURFACE CLOSER	4111 SHCUSH MCSRI		689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS		630	IVE
1	SET	GASKETING	429AA-S		AA	ZER
1	EA	DOOR SWEEP	39A		A	ZER
1	EA	THRESHOLD	656A-V3-223		A	ZER

Hardware Group No. 16  
 H132.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
2	EA	CONT. HINGE	224HD SEC		628	IVE
1	EA	FIRE EXIT HARDWARE	9849-EO-F-LBL-SEC		626	VON
1	EA	FIRE EXIT HARDWARE	9875-HL-F-576A-SEC		626	VON
1	EA	SFIC MORTISE CYL.	80-102		626	SCH
2	EA	H-SEC SURFACE CLOSER	4211 AVB EDA		689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS TKTX		630	IVE
2	EA	MAGNETIC HOLDER	2400LR		689	ABH

DOORS MAY BE HELD-OPEN ELECTRONICALLY. UPON ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM, THE DOORS WILL CLOSE AND POSITIVELY LATCH. COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT AND ALL RELATED TRADES.

Hardware Group No. 17  
 H120.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
2	EA	CONT. HINGE	224HD EPT		628	IVE
2	EA	POWER TRANSFER	EPT10		689	VON
2	EA	TWO PT EU MORT LOCK	LM9295EUBDC 03A CON 12/24 VDC		626	SCH
2	EA	H-SEC SURFACE CLOSER	4211 AVB CUSH		689	LCN
2	EA	ARMOR PLATE	8400 36" X 1" LDW B-CS		630	IVE
2	EA	MAGNET	SEM7820 12V/24V/120V		689	LCN
2	EA	WIRE HARNESS	CON-44			SCH
1	EA	POWER SUPPLY	(BY SECURITY CONTRACTOR)			
2	EA	ACCESS CONTROL	(BY SECURITY CONTRACTOR)			
2	EA	DOOR CONTACT	679-05		BLK	SCE

DOORS MAY BE HELD-OPEN ELECTRONICALLY. UPON ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM, THE DOORS WILL CLOSE AND POSITIVELY LATCH. PRESENTING AN AUTHORIZED CREDENTIAL WILL UNLOCK THE LEVER TO ALLOW PASSAGE THROUGH THE OPENING. AN AUTHORIZED CREDENTIAL IS REQUIRED ON EACH SIDE OF THE OPENING. COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE USER, THE ARCHITECT AND ALL RELATED TRADES.

Hardware Group No. 18

H122.B H122.C

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
2	EA	CONT. HINGE	224HD EPT		628	IVE
2	EA	POWER TRANSFER	EPT10		⚡ 689	VON
2	EA	TWO PT EU MORT LOCK	LM9295EUFBDC 03A CON 12/24 VDC		⚡ 626	SCH
2	EA	FIRE/LIFE HOLDER	4040SEH 24V/120V AC/DC AS REQ		⚡ 689	LCN
2	EA	H-SEC SURFACE CLOSER	4211 AVB CUSH		689	LCN
2	EA	ARMOR PLATE	8400 36" X 1" LDW B-CS		630	IVE
2	EA	WIRE HARNESS	CON-44		⚡	SCH
1	EA	POWER SUPPLY	(BY SECURITY CONTRACTOR)			
2	EA	ACCESS CONTROL	(BY SECURITY CONTRACTOR)		⚡	
2	EA	DOOR CONTACT	679-05		⚡ BLK	SCE

DOORS MAY BE HELD-OPEN ELECTRONICALLY. UPON ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM, THE DOORS WILL CLOSE AND POSITIVELY LATCH.

PRESENTING AN AUTHORIZED CREDENTIAL WILL UNLOCK THE LEVER TO ALLOW PASSAGE THROUGH THE OPENING. AN AUTHORIZED CREDENTIAL IS REQUIRED ON EACH SIDE OF THE OPENING.

COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE USER, THE ARCHITECT AND ALL RELATED TRADES.

Hardware Group No. 19

H122.D

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	112HD EPT		628	IVE
1	EA	POWER TRANSFER	EPT10		⚡ 689	VON
1	EA	EU MORTISE LOCK	L9095BDEU 03A RX CON 12/24 VDC		⚡ 626	SCH
1	EA	H-SEC SURFACE CLOSER	4211 AVB CUSH		689	LCN
1	SET	WEATHER SEAL	(BY DOOR & FRAME MFR)			
1	EA	DOOR SWEEP	39A		A	ZER
1	EA	THRESHOLD	656A-V3-223		A	ZER
1	EA	POWER SUPPLY	(BY SECURITY CONTRACTOR)			
2	EA	KEYPAD	(BY SECURITY CONTRACTOR)		⚡	
1	EA	DOOR CONTACT	679-05		⚡ BLK	SCE

PRESENTING AN AUTHORIZED PIN WILL UNLOCK THE LEVER TO ALLOW PASSAGE THROUGH THE OPENING. AN AUTHORIZED PIN IS REQUIRED ON EACH SIDE OF THE OPENING.

COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE USER, THE ARCHITECT AND ALL RELATED TRADES.

Hardware Group No. 20  
 H129.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	224HD		628	IVE
1	EA	CLASSROOM LOCK	L9070BDC 03A		626	SCH
1	EA	ARMOR PLATE	8400 36" X 1 1/2" LDW B-CS		630	IVE
1	EA	WALL STOP	WS447		626	IVE
1	EA	GASKETING	488SBK PSA ZAG		BK	ZER

Hardware Group No. 21  
 H130.A

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	224HD EPT SECWDHM		628	IVE
1	EA	ANTILIGATURE TIP	TIPIT		628	SEL
1	EA	POWER TRANSFER	EPT10		⚡ 689	VON
1	EA	EU MORTISE LOCK	L9095BDEU HSLR 09-663 RX LX CON 12/24 VDC		⚡ 630	SCH
1	EA	H-SEC SURFACE CLOSER	4211T AVB		689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS TKTX		630	IVE
1	EA	WALL STOP	KG183		BLK	KIN
1	EA	GASKETING	488SBK PSA ZAG		BK	ZER
2	EA	ACCESS CONTROL	(BY SECURITY CONTRACTOR)		⚡	
1	EA	POWER SUPPLY	PS902 900-4RL-FA 120/240 VAC		⚡	VON

PRESENTING AN AUTHORIZED CREDENTIAL WILL UNLOCK THE LEVER AND ALLOW PASSAGE THROUGH THE OPENING. A VALID CREDENTIAL IS REQUIRED ON EACH SIDE OF THE OPENING.

COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE USER, THE ARCHITECT AND ALL RELATED TRADES.

Center For Forensic Psychiatry  
 Kitchen  
 Michigan Department of Health and Human Services  
 Saline, Michigan

File No. 491/20167.SDW  
 Index No. 5603  
 PSC Project No. 2021094

Hardware Group No. 22  
 H130.C

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
1	EA	CONT. HINGE	224HD SEC		628	IVE
1	EA	ANTILIGATURE TIP	TIPIT		628	SEL
1	EA	CLASSROOM LOCK	L9070BDC HSLR 09-663		630	SCH
1	EA	H-SEC SURFACE CLOSER	4511T AVB		689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS TKTX		630	IVE
1	EA	MAGNETIC HOLDER	2400LR		689	ABH
1	EA	GASKETING	488SBK PSA ZAG		BK	ZER

DOORS MAY BE HELD-OPEN ELECTRONICALLY. UPON ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM, THE DOORS WILL CLOSE AND POSITIVELY LATCH. COORDINATE SYSTEM OPERATION AND COMPONENT LOCATIONS WITH THE OWNER, THE ARCHITECT AND ALL RELATED TRADES.

END OF SECTION

## SECTION 114000 - FOOD SERVICE EQUIPMENT

### 1. GENERAL:

- A. Furnish and install all items of apparatus, equipment, materials, and accessories. Indicated on Plans.
- B. Furnish and install all items of equipment and materials, which are basically requisite. To the installation of complete and satisfactory operating systems.
- C. The intent of the specifications is to outline or indicate work, or both that cannot be readily shown on the drawings, and to indicate types and qualities of materials. The only exclusions are those marked on drawings generally as "Not in Contract", N.I.C., or as designated by other Contractor or by Owner
- D. Divisions into chapters and paragraphs are for convenience only. Contractor shall assign work to proper personnel.
- E. Specification by reference. When reference is made to specifications of a Manufacturer, trade association, or similar source, such is made a part of these specifications and have the same force and effect as though reproduced herein, and on entering into a Contract, each Contractor acknowledges his familiarity with those pertaining to his work.
- F. Computed dimensions take precedence over scaled dimensions and larger scale drawings over smaller.
- G. Should the drawings disagree with themselves or with the specifications the better quality or greater quantity of work or materials shall be estimated upon and unless otherwise directed by the Architect or Owner shall be provided.

### 2. General Requirements

- A. All items of equipment shall be delivered to site, assembled, attached, and set in place at the building during regular working hours unless time schedule requirements necessitate otherwise, complete in every detail in accordance with the drawings and specifications ready to receive final connections by others. All items specified as manufacturers' standards shall include accessories as provided under manufacturers' descriptions. Where options are specified, they shall be manufacturers' standard modifications or accessories.
- B. Work under this Contract shall include installation of Canopy and/or hood specified before ceiling finish has been applied.
- C. The K.E.C. will be responsible for the complete and satisfactory accomplishment of all work bearing on his trade. All crating and refuse involved in this work shall be disposed of by this Contractor. All equipment shall be in perfect condition, thoroughly cleaned, tested, oiled and adjusted at the time of turning over to Owner for his acceptance.

- D. The K.E.C. shall make arrangements at his own expense for receipt of and placing in storage area all shipments, with the General Contractor. Such shipments must be prepaid as there are no local funds available to pay transportation or other charges.
- E. All items of equipment for which national Sanitation Foundation has prescribed standards of construction must be constructed to conform with current standards and bear the N.S.F., U.L., A.S.M.E., and A.G.A. Seals of approval.
- F. The Base Proposal submitted under this Division of work shall be based on the materials and equipment of the manufacturers' makes, sizes and types specified. Alternate Proposal to be made separately on letterhead for equipment that will conform with the plan and specifications showing cost deferential of each item including cost of any required changes in mechanical work if alternated items are accepted. Final decision for acceptance or rejection of alternate items shall be at the discretion of the Architect and/or Owner.
- G. K.E.C. shall provide to the Plumbing, Electrical and General Contractors, scale piping, wiring, floor plans, pit and curb base rough-in, required number of bound brochures of all manufacturers' standard items, indicating H.P., Voltage, Phase, pipe connecting, sizes, B.T.U. ratings, etc., and/or other pertinent information which will assist other Contractors.
- H. At the completion of installation, K.E.C. will provide the Owner with operations manuals for the operation and maintenance of each piece of equipment in addition to providing a trained Kitchen Equipment Instructor to demonstrate proper use of equipment to designated personnel.
- I. Not less than thirty (30) days nor more than sixty (60) days after Kitchen Equipment is in operation, a complete inspection of the installation to be made by qualified Kitchen Equipment Service Personnel, making any necessary repairs or adjustments with written report to Owner.
- J. K.E.C. will supply to respective contractors all sink faucets, solenoid valves, siphon breakers, mounting adaptors, switches, controls, thermostats, and/or other parts, fittings, and devices not an attached integral part of Manufacturers' equipment for Installation as requested.
- K. Equipment must conform to building lines and be fitted neatly around obstructions, pipes, columns. Dimensions given are approximate on drawings and must be verified either bolted or field welded by K.E.C. on job site.
- L. All fabricated equipment to be manufactured by one recognized and approved manufacturer of high quality Food Service Equipment for a period of ten (10) years having the experience, personnel and plan facilities to insure uniformity of product and approval of Local, State, and National Health & Dietary Authorities.
- M. Any electrical disconnect switches and manual motor starters required by Code will be furnished and installed by Electrical Contractor. Electrical Contractor will wire from disconnect switch or starter to outlet box on equipment. All electrical accessories except for the above disconnect switches and manual starters will be

furnished by equipment manufacturer. Equipment will be pre-wired from outlet box to magnetic starters and to other points. All motors 1/2 H.P. and larger shall be 120/240/460 volt, 1 or 3 phase. Unless otherwise noted, motors 1/3 H.P. and smaller shall be 120 volt, single phase. Cords and plugs when not furnished as manufacturers' standards, shall be provided by electrical contractor.

3. Related Work by Others

- A. In general, all utility rough-ins and final connections, as well as certain other special work which is listed hereinafter, will be performed by others in accordance with the following detailed requirements.
- B. The K.E.C. shall furnish the installing trades with all information and assistance required for the proper installation of all equipment and/or components.
- C. The work to be done by the Electrical Contractor relating to equipment in this section, unless noted otherwise on the drawings, shall include, but not be limited to, the following:
  - 1. General
    - a. Rough-in electrical service thru walls, floors and/or ceiling and run conduit and conductors from the rough in and make the connections to an approved terminal block, terminal panel or junction box on the equipment as furnished by the K.E.C. The K.E.C. to coordinate the work so as to make all final connections accessible.
    - b. Furnish and install all electrical outlets in walls, floor, and ceiling. Where plug-in receptacles are shown, the K.E.C. shall be responsible for all work beyond the receptacle.
    - c. Furnish and install disconnect switches as required for the equipment in accordance with the electrical code.
    - d. Furnish and install all conduit and conductors between remote control panels and equipment.
  - 2. Disposer
    - a. Wire from rough-in thru the disposer control panel and/or components to disposer motor.
  - 3. Fire control System
    - a. Furnish and install shunt trips and/or power contactors with 120 volt coils with contact ratings matching the cooking appliances under the range hood ventilator. Wire from the micro-switch/relay on the fire control system chemical tanks to the power contactors/shunt trips.
    - b. Wire from the micro-switch/relay on the fire control chemical tanks to the electrically operated automatic gas shut-off valve and reset station.

4. Walk-in cooler/Freezer
  - a. Wire from the timer mounted on compressor rack to the low temperature unit cooler coil mounted in the freezer compartment all as furnished by the K.E.C.
  - b. Wire from junction box on unit cooler coils to room temperature thermostats and solenoid valve all as furnished by the K.E. C.
  - c. Wire from the pre-wired lights and switch assembly to the additional ceiling lights all as furnished by the K.E.C.
  - d. Wire from the junction box on top of the cooler/freezer ceiling to the unit cooler coils all as furnished by the K.E.C.
- D. The work to be performed by the Mechanical Contractor and/or Plumbing Contractor relating to equipment in this section, unless noted otherwise on the drawings, shall include, but not be limited to, the following:
  1. General
    - a. Rough-in waste, steam, gas and water lines thru the walls, floors and ceilings as shown on the drawings. Run waste lines from the rough-in and make the final connections on the equipment. Provide all traps and manifold and interconnect sink drains where shown. Run supply lines from the rough-in and make the connections to the equipment. Provide all traps, strainers, valves, and vents required for proper installation.
    - b. Rough-in exhaust systems thru ceilings, floors and walls as shown on the drawings. Extend ducts to the flange connection or connector collars on the canopy/ventilator and make the connection thereto.
    - c. Install stainless steel or chrome plated brass excutchions or flanges for utility lines which extend thru equipment.
    - d. install faucets, pre-rinse units, hose stations, pot fillers, vacuum breakers, check valves and flow control valves as furnished by the K.E.C.
  2. Booster Heater
    - a. Install pressure reducing valves, safety relief valves, combination dial thermometer/pressure gauges, shock stops, strainers and other components as furnished by the K.E.C. Connect the hot water outlet on booster to final rinse connection on washer. Refer to booster piping diagram.
  3. Dishwashers
    - a. Install water pressure reducing valves and vacuum breakers.
  4. Disposer

- a. Furnish and install all piping and connect the disposer thru the disposer control panel with all components as furnished by the K.E.C. Refer to disposer piping diagram.
5. Hose Stations
  - a. Install wall mounted hose stations and connect with all accessories as furnished by the K.E.C.
6. Dishtable/Disposer
  - a. Furnish and install all piping and connect water supply thru the disposer control panel and to the scrap trough end water inlets and to the auxiliary inlet on the disposer. Install vacuum breakers and valves as furnished by the K.E.C. Refer to dishtable/disposer piping diagram.
7. **Ventilation system <A4>**

Ventilating fans and all ductwork shall be furnished and installed by the General Contractor. (1) Necessary stainless steel seamless exhaust ducts of size and capacity required to properly operate fixtures specified, together with final approved connection, between roughed-in vent openings and ceiling connection will be furnished and installed by General Contractor.
- E. The work to be done by various other trades relating to equipment in this section, unless noted otherwise on the drawings, shall include, but not be limited to, the following:
  1. Walk-In Cooler/Freezer
    - a. Provide floor insulation and curb as furnished and installed by the K.E.C. Over the insulation furnish and install the concrete and finished flooring.
  2. General
    - a. Furnish and install all masonry or concrete bases and platforms.
    - b. Provide floor depressions, wall openings, recesses and holes thru walls, floors and ceiling required for piping and ducts.
  4. Approval of Equipment
    - A. Within fifteen (15) days after award of contract and before any equipment is purchased, the Kitchen Equipment Contractor shall submit to the Architect for approval six (6) bound brochures which will include a complete equipment list giving names of manufacturers', trade names, catalog numbers, model numbers, illustrations and manufacturers' specification sheets on each item, properly numbered, and a separate

sheet for each item listing electrical, plumbing, ventilating, etc., connection requirements for said piece of equipment proposed. Two sets of bound service and parts manuals shall also be furnished before final acceptance.

- B. Within thirty (30) days after Award of Contract, this Contractor shall submit to the Architect for his approval six (6) copies of shop drawings of all custom made items to be manufactured for this project naming the proposed Fabricator thereof. These drawings shall show the detail construction of each part of the equipment. No equipment shall be fabricated until drawings are approved by the Owner and Food Service Consultant.
- C. The checking of these drawings and approval, of same does not relieve this Contractor of responsibility for errors or omissions, even though in accordance with approved drawings. If errors or omissions exist and are discovered later, they must be made good by this Contractor irrespective of any approval by the Owner or the Food Service Consultant.
- D. The manufacturing of any equipment fitting between walls or between column and walls, shall be withheld until actual field measurements can be taken or predetermined measurements set and approved by the General Contractor. All other items, which do not require field dimensions, may be manufactured upon approval of shop drawings.

#### 5. Guarantee

- A. The Kitchen Equipment Contractor shall deliver to the Owner, before Certificate of Payment will be issued, a written Guarantee covering all equipment and its installation for a period of one (1) year, and refrigeration compressor units for five (5) years after acceptance by Owner.
- B. Should any defects in material or workmanship develop during the guarantee period, same shall be repaired or replaced without charge to Owner by this Contractor.
- C. Service facilities shall be available for all Kitchen Equipment both during and after guarantee period. Service within the guarantee period shall include parts, labor, mileage and travel time at no-charge to the Owner.

#### 6. Materials and Workmanship

##### A. General

- 1. All materials shall be new without flaws or defects. All equipment items shall be designed, fabricated and installed in accordance with current National Sanitation Foundation Standards.

2. Any items damaged in transit or during installation shall be repaired, refinished or replaced by the contractor to the satisfaction of the Architect at no additional cost to the Owner.

- B. Metal Gauges - U.S. Standard as specified.
- C. Sheet Steel: ASTM A446, 1.25 oz/sq ft galvanized coating.
- D. Stainless Steel: ASTM A167, Type 304 commercial grade, No. 4 finish.
- E. Finish Hardware: Manufacturer's standard.
- F. Service Outlet Covers and Escutcheons: Stainless Steel.
- G. Sealants: Silicone, bacteria resistant, type, as specified in Section 07900.

#### 6.1. Fabrication - General

- A. Fabricate sheet material for work surfaces, facings, shelves, and drain boards Of straight lengths in one continuous sheet when less than 12 ft in length. Fit And attach integral sinks. Weld metal joints for lengths over 12 ft.
- B. Weld and form edges, ends, and joints smooth. Grind welds of stainless steel Smooth and flush; polish to match adjacent surfaces.
- C. Cut and drill components for service outlets and fixtures.
- D. Fix leg mounted units by dowelling to floor with 1/4 inch stainless steel pins, Where vibration or oscillation is anticipated.
- E. Provide stainless steel legs with adjustable feet. Fasten legs to equipment Securely and rigidly.
- F. Install rubber or nylon button feet on bearing surface of any item positioned on A finished surface.
- G. Isolate rotating or reciprocating machinery to prevent noise and vibration.
- H. Provide indirect drain piping from equipment to terminate over nearest waste Receptor.
- I. Accommodate site installation of other services or equipment.
- J. Shop assemble work where possible.
- K. Stainless Steel Fastenings and Fittings: Bolt and screw with countersunk flat Heads at visible or accessible surfaces. Use concealed fastenings where possible

## 6.2.Finishes

- A. All components: Shop prefinish.
- B. Metal (Except Stainless Steel): Degrease and phosphate etch, prime and apply  
Minimum two coats factory baked epoxy enamel, color as selected.
- C. Stainless Steel: No. 4 finish.
- D. Bituminous Paint: Sound deaden internal surfaces of metal work and underside  
Of metal counters.

### Conformance to Regulations and Codes

Where applicable standards have been set, all equipment and accessories installed under this contract shall be manufactured and/or fabricated and installed in strict compliance with, and if applicable, bear the Seal of U.L., NEMA, ASME, NSF, AGA, OSHA and NFPA #96. Equipment, accessories and installation shall comply with all rules, regulations, codes, and interpretations of the same.

Specifications  
01/12/2023

To

Project

From

Center for Forensic Psychiatry  
8303 Platt Rd  
Saline, MI 48167  
734-429-2531

Center for Forensic Psychiatry  
8303 Platt Rd  
Saline, MI 48167

ITEM 1 - SERVING LINE (1 REQ'D)  
Randell Custom  
See shop drawings

ITEM 1.1 - CONDIMENT ORGANIZER BIN (1 REQ'D)  
Cambro Model 5412CBP480 Dimensions: 4.25(h) x 5(w) x 12(d)  
Organizer Bin, 5"W x 12"D x 4-1/4"H, polyethylene, speckled gray

ITEM 2 - HAND SINK (8 REQ'D)

Eagle Group Model BPHS-1014-LRS-NF Dimensions: 13(h) x 17(w) x 15.5(d)

BlendPort® Hand Sink, wall-mount, 14"W x 10" front-to-back x 5" deep sink bowl, left & right side splashes with 3" radius at front, basket drain, without faucet, 18 gauge type 304 stainless steel construction, NSF (NET)

8 ea T&S Brass Model B-1115-132X-02 Faucet Workboard, wall mount, 4" centers, 132X gooseneck, B-WH4 handles, quarter-turn Eterna cartridges, low lead, ADA Compliant

8 kt T&S Brass Model B-1100-K Installation Kit, for workboard wall mount faucets, (2) short EL's

ITEM# 2.1 - HAND SINK (1 EA REQ'D) <A4>

Eagle Group HSAN-10-F-LRS-1X

Hand Sink, wall mount, 9-3/4" x 13-1/2" x 6-3/4" deep bowl, 304 stainless steel construction, includes splash mounted faucet, left & right end splashes, basket drain, 1/2" NPS water inlet, deep-drawn seamless design-positive drain, inverted "V" edge, NSF (FLYER)

ITEM 3 - BUSSING UTILITY TRANSPORT CART, METAL (2 REQ'D) <A4>

Eagle Group Model UC-311 Dimensions: 32(h) x 16.75(w) x 27.63(d)

Utility Cart, 3-tier, 16-3/4"W x 27-5/8"D x 32"H, 1" up-turn on sides & rear of top & center shelves, 12-1/2" shelf clearance, (1) push handle, angle legs include bumpers, 300 lbs. capacity, 430 stainless steel all welded construction, 4" swivel plate casters, NSF

ITEM 4 - PASS-THRU REFRIGERATOR (2 REQ'D)

Delfield Model GARPT2P-SH Dimensions: 79.38(h) x 55.22(w) x 32.44(d)

Specification Line® Refrigerator, Pass-Thru, two-section, 50.0 cubic feet capacity, top-mounted self-contained refrigeration system, (8) half-height hinged solid doors (locking), (6) adjustable chrome wire shelves, 4.3" easyTouch® screen temperature display/control with remote monitoring, LED interior lighting, stainless steel exterior front, sides & interior, (4) 5" locking casters, GreenGenius™ R290 Hydrocarbon refrigerant, 0.38 HP, 115v/60/1-ph, 6.5 amps, NEMA 5-15P, NSF, cULus, ENERGY STAR®

2 ea Introducing: Freight Made Simple

6% on Single purchase orders shipping to one location\*\*.

Liftgate & inside delivery not included.

Nationwide Freight\*

\*Continental United States only

\*\*6% Must be manually calculated on your purchase order total, \$200 minimum.

If you have any questions, please contact Customer Service at 1-800-733-8948

2 ea Model 0460003CN 3 year parts & labor warranty, standard

2 ea Model W00003ACN Additional 4 years compressor warranty (parts only), standard

2 ea Left door hinged on left, right door hinged on right, standard (Thermometer side)

2 ea Left door hinged on left, right door hinged on right, standard (Rear)  
2 ea Set of (4) 5" locking casters, standard

ITEM 5 - PASS-THRU HEATED CABINET (1 REQ'D)  
Delfield Model GAHPT2-S Dimensions: 79.38(h) x 55.22(w) x 32.44(d)  
Specification Line® Heated Cabinet, Pass-Thru, two-section, 50.0 cubic feet capacity, (4) full-height hinged solid doors (locking), (6) adjustable chrome wire shelves, 4.3" easyTouch® screen temperature display/control with remote monitoring, incandescent interior lighting, stainless steel exterior front, sides & interior, (4) 5" locking casters, 208-240v/60/1-ph, 10.5 amps, NEMA 6-20P, NSF, cULus

1 ea Introducing: Freight Made Simple

6% on Single purchase orders shipping to one location\*\*.  
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If you have any questions, please contact Customer Service at 1-800-733-8948

1 ea Model 0460003CN 3 year parts & labor warranty, standard  
1 ea Left door hinged on left, right door hinged on right, standard (Thermometer side)  
1 ea Left door hinged on left, right door hinged on right, standard (Rear)  
1 ea (Front) Full height solid door, standard  
1 ea (Front) Full height solid door, standard  
1 ea (Rear) Full height solid door, standard  
1 ea (Rear) Full height solid door, standard  
1 ea Set of (4) 5" locking casters, standard

ITEM 6 - BEVERAGE DISPENSER, COLD BREW AND COFFEE (1 REQ'D)  
BUNN Model 38800.0000 Dimensions: 23.2(h) x 15.78(w) x 20.9(d)  
38800.0000 LCA-2 LP Liquid Coffee Dispenser, ambient, low profile, 2 dispense heads, Scholle 1910LX connector, bag-in-box capacity (2) .05 gallon, dispense ratio 25:1 up to 100:1, refill or rinse LED lights, black, 4" adjustable plastic legs, 120v/60/1-ph, 12 amps, 1440 watts, cord attached, UL, NSF

ITEM 7 - BEVERAGE TABLE (1 REQ'D)  
Randell  
See shop drawings

ITEM 8 - TRAY CONVEYOR (1 REQ'D)  
Aerowerks  
See shop drawings

ITEM 9 - EYE WASH STATION (1 REQ'D)  
Chicago Faucets Model 8401-NF Dimensions: 10.25(h) x 10.25(w) x 14.13(d)

Eye/Face Wash, wall mount, push handle for activation, drench shower fitting, 1/2" NPT female thread inlet, eyewash assembly in ABS plastic, eyewash bow in stainless steel, brass fittings with galvanized pipe construction  
1 ea Ships 5 business days from order acknowledgement

ITEM 10 - DISHTABLE SORTING SHELF (1 REQ'D)  
Eagle Group Model 605381-X Dimensions: 21.38(h) x 42(w) x 19.75(d)  
Slanted Rack Shelf, solid, wall mount, 42"W x 21"D x 21-3/8"H, drip tube on left side, 16/304 stainless steel (FLYER)

ITEM 11 - PRE-RINSE FAUCET ASSEMBLY (1 REQ'D)  
T&S Brass Model B-0133-CR-B08  
EasyInstall Pre-Rinse Unit, 8" wall mount, 44" flex hose, 6" wall bracket, 18" riser, overhead spring, ceramic cartridge, lever handle, 1.07 GPM spray valve, 1/2" NPT, EPAAct2005 compliant, (B-0108)  
1 kt Model B-0230-K Installation Kit, (2) 1/2" NPT nipples, lock nuts & washers, (2) short "EII" 1/2" NPT female x male

ITEM 12 - DISPOSER (1 REQ'D)  
InSinkErator Model SS-300-18B-AS101  
SS-300™ Complete Disposer Package, with 18" diameter bowl, 6-5/8" diameter inlet, with sleeve guard & splash baffle, 3 HP motor, stainless steel construction, includes syphon breaker, (2) solenoid valves, (2) flow control valves, programmable AquaSaver® Control Center AS-101 with water-saving technology, automatic water saving function, auto reversing, timed run, post flush  
1 ea (3) years parts & labor warranty from date of installation (standard)  
1 ea Standard height disposer body  
1 ea Specify voltage  
1 ea Model SYPHON STD Syphon breaker standard, 1/2" (11477)  
1 ea Model FT FLANGE Flange foot for floor mounting (per leg) (14394)

ITEM 13 - DISHWASHER, CONVEYOR TYPE (1 REQ'D)  
Hobart Model CL64EN-ADV+BUILDUP Dimensions: 68.5(h) x 64.75(w) x 30.25(d)  
Conveyor Dishwasher, Advansys model, (2) tank, (342) racks/hour, insulated hinged doors, .39 gallon/rack, stainless steel enclosure panels, microprocessor controls with low temperature & dirty water indicators, NSF Pot & Pan mode, programable de-lime notification, 30 kW stainless booster, energy recovery (DWER), automatic soil removal (ASR), drain water tempering kit, ENERGY STAR®, Free factory startup for installations within a 100 mile radius of a Hobart service office; installation beyond 100 miles will be charged at the quoted rate by the local Hobart service office  
1 ea Oversized units with crated shipping dimensions greater or equal to 72" in length and/or 90" in height. If delivery is to a facility without a standard height dock, additional shipping charges will apply depending on the service requested. consult Factory.  
1 ea Standard warranty - 1-Year parts, labor & travel time during normal working hours within the USA  
1 ea Model CL64EN-ADVHTE15K Electric tank heat 15kW wash/10kW rinse  
1 ea Model CL64EN-ADVERH30K 30kW electric booster  
1 ea Model CL64EN-ADVELE0CD 480v/60/3-ph  
1 ea Single Point (1) service connection standard (Field convertible options available)

- 1 ea Model CL64EN-ADVHGTSTD Standard height
- 1 ea Model CL64EN-ADVDIR0RL Right to left operation
- 1 ea Model BDERLCD-STDDOM Blower Dryer, Electric, R - L, 480v/60/3-ph, Standard Height, Domestic
- 1 ea NOTE: When blower dryer is selected, only (1) E Series vent hood (below) needed for load/soiled side vent connection; Blower Dryer assembly includes vent stack for unload/clean side vent connection. CLeN Blower Dryer MUST BE DIRECT VENTED, CANNOT BE INSTALLED UNDER CANOPY HOOD
- 1 ea Installation by local Hobart Service Office if within 100 mile radius & done during normal business hours. 72 Hour Assembly Notice Recommended. Must be ordered with Hobart Dishmachine. Price includes assembly of blower dryer to Hobart dishmachine ONLY. Installation of dishmachine can be by others. Does not include drain connection.
- 1 ea Model CL64EN-ADVFEETSTD Standard feet
- 2 ea Model WS80-NOINSTALL Water softening system 4,818 grains/lb capacity, 14 gallons regeneration volume, salt alarm, holds 2 bags of salt, pricing DOES NOT include installation. INSTALLATION BY AUTHORIZED HOBART SERVICE OFFICE IS RECOMMENDED (NET)
- 2 ea Model VNTHD/E-ADJ E-series vent hood domestic (adjustable)
- 1 ea Model SHTPAN-RACK Rack, 6 sheet pan
- 1 ea Model 1/2INSHK-ABSRBR Water Shock Absorber Kit (2 required - 1 each incoming hot and cold water lines)
- 1 ea Model CLE/TBL-SWITCH Table limit switch CLE-Series

ITEM 14 - CLEAN DISH TABLE (1 REQ'D)  
Aerowerks  
See shop drawings

ITEM 15 - SHELVING, WALL MOUNTED (1 REQ'D)  
Eagle Group Model WS1284-16/3 Dimensions: 84(w) x 12(d)  
Shelf, wall-mounted, 84"W x 12"D, rolled frontedge, 1-1/2"H up-turn on sides & rear, includes stainless steel mounting brackets stud welded to shelf, 16/304 stainless steel construction, NSF

ITEM 16 - RACK DOLLY (3 REQ'D)  
Eagle Group Model GRDH-2020-A Dimensions: 39(h) x 20.63(w) x 22.38(d)  
Panco® Glass Rack Dolly, with handle, open frame design, single stack, for 20" x 20" racks, heavy duty welded, all aluminum construction, 5" non-marking swivel plate casters, 1200 lb. capacity, NSF

ITEM 17 - TRAY RACK DISPENSER (2 REQ'D)  
Delfield Model TT2-1622 Dimensions: 37.75(h) x 44.5(w) x 26.75(d)  
Dispenser, Tray, open frame mobile design, dual self-elevating tray platforms, for 16" x 22" trays, 4" casters, NSF

- 2 ea NOTE: Freight quotes are only valid from Delfield
- 2 ea Model 0460000N 1 year parts & labor warranty, standard

ITEM 18 - DISH CART / DOLLY (3 REQ'D)  
Cambro Model TDC2029615 Dimensions: 34.25(h) x 38.13(w) x 22.25(d)  
Dish Cart Only, 38-1/8"L x 22-1/4"W x 34-1/4"H, (4) 6" swivel casters, polyethylene, charcoal gray, NSF

ITEM 19 - STORAGE/DRYING CART (1 REQ'D)

Dinex Model DX1173X100 Dimensions: 73(h) x 40(w) x 20.25(d)

TMP® Drying & Storage Cart, holds 100 domes or 200 bases/underliners or Quicktemp® bases, 1" stainless steel tubing frame, 5" casters (2 with brakes) (1173/X100)

1 ea 1 year parts & labor warranty

ITEM 20 - ICE MAKER, CUBE-STYLE (1 REQ'D)

Manitowoc Model IDT0450A Dimensions: 21.5(h) x 30(w) x 24(d)

Indigo NXT™ Series Ice Maker, cube-style, air-cooled, self-contained condenser, 30"W x 24"D x 21-1/2"H, production capacity up to 470 lb./24 hours at 70°/50° (358 lb. AHRI certified at 90°/70°), easyTouch display with 13 different language options, date/time stamp display, automatic reminder/alert icon, one touch asset information, automatic detection of accessories, continuous operating status, programmable production options (time, weight, day or night), one touch cleaning with displayed instructions, Alpha-San anti-microbial protection, acoustical ice sensing probe, self-diagnostic technology, DuraTech™ exterior, dice size cubes, R410A refrigerant, NSF, cULus, CE, ENERGY STAR® \*\*(An additional 5% Manufacture's surcharge will be added to list price between 11/8/21 to 1/2/22)\*\*

1 ea Model WARRANTY-ICE-SC 3 year parts & labor (Machine), 5 year parts & labor (Evaporator), 5 year parts & 3 years labor (Compressor), standard \*\*(An additional 5% Manufacture's surcharge will be added to list price between 11/8/21 to 1/2/22)\*\*

1 ea (-161) 115v/60/1-ph, 11.9 amps

1 ea Model D570 Ice Bin, 30"W x 34"D x 50"H, with side-hinged front-opening door, side grips, 532 lbs. application capacity, AHRI certified 17.9 cu. ft., for top-mounted ice maker, Duratech exterior, NSF \*\*(An additional 5% Manufacture's surcharge will be added to list price between 11/8/21 to 1/2/22)\*\*

1 ea Model WARRANTY-BIN/DISP 3 year parts & labor warranty, standard \*\*(An additional 5% Manufacture's surcharge will be added to list price between 11/8/21 to 1/2/22)\*\*

1 ea Legs, 6" adjustable stainless steel, standard

ITEM 21 - WATER FILTRATION SYSTEM, FOR ICE MACHINES (1 REQ'D)

Everpure Model EV932401 Dimensions: 27.5(h) x 6(w) x 4(d)

Insurice® Single-i2000<sup>2</sup> System, 9,000 gallon capacity, 1.67 gpm flow rate, 0.5-micron filtration, for cubers up to 500 lbs/day or flakers up to 1,500 lbs/day, pressure gauge, flushing valve, NSF, ANSI

ITEM 22 - FLOOR TROUGH (1 REQ'D)

Eagle Group Model ASFT-1284-FG Dimensions: 84(w) x 12(d)

Anti-Splash Floor Trough, 84"W x 12"D, yellow fiberglass subway-style grating with non-slip surface, 6" deep trough pan with built-in pitch toward drain, accommodates up to a 4" diameter drain pipe, stainless steel removable perforated basket, all-welded 14/304 stainless steel construction, NSF

1 ea ADA-compliant grating

ITEM 23 - FLOOR TROUGH (1 REQ'D)

Eagle Group Model ASFT-2424-FG Dimensions: 24(w) x 24(d)

Anti-Splash Floor Trough, 24"W x 24"D, yellow fiberglass subway-style grating with non-slip surface, 6" deep trough pan with built-in pitch toward drain, accommodates up to a 4"

diameter drain pipe, stainless steel removable perforated basket, all-welded 14/304 stainless steel construction, NSF

1 ea           ADA-compliant grating

ITEM 24 -       WIRE SHELVING (4 REQ'D)

Eagle Group Model 2448VG Dimensions: 48(w) x 24(d)

Shelf, wire, 48"W x 24"D, patented QuadTruss® design, includes (4) pairs of split sleeves per shelf, 800 lbs. capacity, Valu-Gard® green epoxy finish, NSF

4 ea           Model P74-VG Post, stationary, 74"H, grooved in 1" increments, includes post cap & leveling bolt, Valu-Gard® green epoxy finish, NSF

ITEM 25 -       THREE (3) COMPARTMENT SINK (1 REQ'D)

Eagle Group Model FN2472-3-30-14/3 Dimensions: 44.5(h) x 138(w) x 31(d)

Spec-Master® FN Series Sink, three compartment, 138"W x 31"D, 14/304 stainless steel top, coved corners, 24" x 24" x 14" deep compartments, 30" drainboards on left & right, 9-1/2"H backsplash with 1" upturn & tile edge, (2) sets of 8" OC splash mount faucet holes, rolled edges on front & sides, includes 3-1/2" basket drains, stainless steel crossbracing on all sides, stainless steel legs & adjustable bullet feet, NSF

1 ea           Model E101A Turn down back of splash per table with Z clip

1 ea           Model E41A Disposal provision package, includes: weldment only for cone which are furnished by others, control panel bracket weldment, & holes for pre-rinse & anti-siphon vacuum breaker

Note: Faucet(s) and Drain(s) by Others.

2 ea           T&S Brass Model B-0290 Sink Mixing Faucet, wall mount, 8" adjustable centers, 12" Big-Flo swing nozzle with plain end outlet, 4-arm kitchen handles with color coded indexes, OOLL street elbows with 3/4" female NPT inlets, ADA Compliant

1 ea           NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or after March 1st, 2022.

3 ea           Model -TB Twist brackets for 3 comp 412, 414 & 314 sinks

3 ea           add overflow hole punch

3 ea           T&S Brass Model B-3952-01 Waste Valve, twist handle, 3-1/2" sink opening, 2" drain outlet with overflow assembly (replaces B-3917-01)

1 ea           T&S Brass Model B-0133-B EasyInstall Pre-Rinse Unit, wall mount. base faucet with spring check cart. & lever handles, 2" dia. flanges with 1/2" NPT female eccentric flanged inlets, 35-1/2"H, 15" overhang, 8-1/4" clearance, 18" riser, (B-0107) spray valve, B-0044-H flex stainless steel hose, 6" wall bracket, quarter-turn Eterna cartridges, low lead

1 kt           T&S Brass Model B-0230-K Installation Kit, (2) 1/2" NPT nipples, lock nuts & washers, (2) short "EII" 1/2" NPT female x male

ITEM 26 -       DISPOSER (1 REQ'D)

InSinkErator Model SS-200-15B-AS101

SS-200™ Complete Disposer Package, with 15" diameter bowl, 6-5/8" diameter inlet, with sleeve guard & splash baffle, 2 HP motor, stainless steel construction, includes syphon breaker, (2) solenoid valves, (2) flow control valves, programmable AquaSaver® Control Center AS-101 with water-saving technology, automatic water saving function, auto reversing, timed run, post flush, adjustable leg kit

1 ea           (3) years parts & labor warranty from date of installation (standard)

1 ea           Standard height disposer body

1 ea Specify voltage  
1 ea Model SYPHON 45DEG Syphon breaker upgrade, chrome, 45° fittings (replace with 13412)

ITEM 27 - POT RACK (1 REQ'D)  
Eagle Group Model WM48PR-X Dimensions: 16(h) x 48(w) x 12(d)  
Pot Rack, wall mount, 48"W x 12"D x 16"H, double-bar design, constructed of 3/16" x 2" stainless steel flat bar, includes (8) double-pronged pot hooks, NSF (FLYER)  
1 ea Model 300696-X Pot Hook, stainless steel (FLYER)

ITEM 28 - SHELVING, WALL MOUNTED (1 REQ'D)  
Eagle Group Model WS1248-16/3 Dimensions: 48(w) x 12(d)  
Shelf, wall-mounted, 48"W x 12"D, rolled frontedge, 1-1/2"H up-turn on sides & rear, includes stainless steel mounting brackets stud welded to shelf, 16/304 stainless steel construction, NSF

ITEM 29 - SPARE NO. <Spare No.>

ITEM 30 - FLOOR TROUGH (1 REQ'D)  
Eagle Group Model ASFT-1248-FG Dimensions: 48(w) x 12(d)  
Anti-Splash Floor Trough, 48"W x 12"D, yellow fiberglass subway-style grating with non-slip surface, 6" deep trough pan with built-in pitch toward drain, accommodates up to a 4" diameter drain pipe, stainless steel removable perforated basket, all-welded 14/304 stainless steel construction, NSF  
1 ea ADA-compliant grating

ITEM 31 - HOSE REEL (1 REQ'D)  
T&S Brass Model B-7133-07 Dimensions: 20.56(h) x 9.56(w) x 21.06(d)  
Hose Reel System, open, 1/2" x 35' hose with stainless steel front trigger spray valve (with a 9/16" orifice), with ratcheting system & adjustable hose bumper, stainless steel  
1 ea 1 year limited warranty for hose, standard  
1 ea 2 year limited warranty for hose reel, standard

ITEM 32 - MOP SINK (1 REQ'D)  
Eagle Group Model F2820-12-X Dimensions: 19.5(h) x 32.63(w) x 25.5(d)  
Mop Sink, floor mount, 32-5/8"L x 25-1/2" W x 19-1/2"H overall, 28" wide x 20" front-to-back x 12" deep bowl, 16 gauge top with "V" edge, full skirt, 2" NPS drain with stainless steel removable strainer plate, 304 stainless steel construction, NSF (FLYER)  
1 ea NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or after March 1st, 2022.  
1 ea Model 312688-X Mop Holder, 18"W, holds (3) mops (FLYER) or by MC?

ITEM 33 - SPARE NO. <Spare No.>

ITEM 34 - SPARE NO. <Spare No.>

ITEM 36 - UNIVERSAL PAN RACK (8 REQ'D)  
Eagle Group Model 4339 Dimensions: 73(h) x 21.5(w) x 26(d)

Lifetime Series Bun Pan Rack, universal, 21-1/2" x 26" x 73"H, (20) 18" x 26" or (19) 12" x 20" pan capacity, (40) 13" x 18" pan capacity or (40) 14" x 18" tray capacity, slides on 3" centers, fully welded aluminum construction, (4) 6" x 2" non-marking swivel plate casters, NSF  
8 ea NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or after March 1st, 2022.

ITEM 37 - SPARE NO. <Spare No.>

ITEM 38 - SPARE NO. <Spare No.>

ITEM 39 - VENTILATION SYSTEM (1 REQ'D)  
Captive-Aire  
See shop drawings

ITEM 40 - FIRE SUPPRESSION (2 REQ'D)  
Custom  
See shop drawings

ITEM 41 - UDS (1 REQ'D)  
Captive Aire  
See shop drawings

ITEM 42 - FAUCET, KETTLE / POT FILLER (2 REQ'D)  
T&S Brass Model B-0610-CR  
Pot Filler, splash/wall mount, 8" OC, 68" flexible stainless steel hose with hook nozzle, lever handles, Cerama cartridges with check valves, vacuum breaker, 1/2" NPT female inlets, low lead

ITEM 43 - SPARE NO. <Spare No.>

ITEM 44 - SPARE NO. <Spare No.>

ITEM 45 - SPARE NO. <Spare No.>

ITEM 46 - SPARE NO. <Spare No.>

ITEM 47 - SPARE NO. <Spare No.>

ITEM 48 - SPARE NO. <Spare No.>

ITEM 49 - SPARE NO. <Spare No.>

ITEM 50 - RANGE, 36", 6 OPEN BURNERS (1 REQ'D)  
Vulcan Model 36S-6BN Dimensions: 58(h) x 36(w) x 34(d)  
Endurance™ Restaurant Range, natural gas, 36", (6) 30,000 BTU burners, lift-off burner heads, standard oven, stainless steel front, sides, backriser, & lift-off high shelf, fully MIG welded chassis, 6" adjustable legs, 215,000 BTU, CSA, NSF  
1 ea 1 year limited parts & labor warranty, standard  
1 ea Stainless steel backriser & lift-off high shelf, standard  
1 ea Model STUB4-XL36 4" Stub back, for 36" ranges, stainless steel  
1 st Model CASTERS-RR4 Casters, 5" (set of 4) (2 with locks)

ITEM 51 - GRIDDLE, GAS, COUNTERTOP (1 REQ'D)

Vulcan Model MSA60 Dimensions: 15.25(h) x 60(w) x 31.5(d)

Heavy Duty Griddle, countertop, gas, 60" W x 24" D cooking surface, 1" thick polished steel griddle plate, embedded mechanical snap action thermostat every 12", millivolt pilot safety, manual ignition, low profile, stainless steel front, sides, front grease trough, 6 qt. grease can, 4" back & tapered side splashes, 4" adjustable legs, 135,000 BTU, CSA Star, CSA Flame, NSF

1 ea 1 year limited parts & labor warranty, standard

1 ea Natural gas (specify elevation if over 2,000 ft.)

1 ea Model PLTRAIL-60 Plate Rail, 60" wide x 10-5/8" deep, stainless steel (NOTE: Not compatible with rear grease trough griddles)

1 ea Eagle Group Model T3060SGS Griddle/Equipment Stand, 60-3/8"W x 30-3/8"D x 25-1/4"H, 16/300 stainless steel top, 1-1/4"H up-turn on sides & rear, open base with stainless steel adjustable undershelf, 1000 lbs weight capacity, Uni-Lok® gusset system, (4) stainless steel legs with adjustable white metal feet, NSF

1 ea Eagle Group NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or after March 1st, 2022.

1 ea Eagle Group Model 307107 Cutting Board, equipment-mounted, 60"W x 8"D, 1-1/4" thick laminated hardwood, 1" diameter stainless steel tubular supports integrally welded to adjustable stainless steel sleeve assembly, NSF

1 st Eagle Group Model CAH4-SB Table Casters, set of (4), 5" diameter, (2) swivel & (2) swivel/brake, 200 lbs. capacity per caster, zinc with resilient tread, NSF

ITEM 52 - COMBI OVEN, GAS (1 REQ'D)

RATIONAL Model ICP 20-FULL NG 208/240V 1 PH (LM100GG) Dimensions: 71.13(h) x 42.6(w) x 41.4(d)

(CG1GRRA.0000245 - NG - 208/240V) iCombi Pro® 20-Full Size Combi Oven, natural gas, (20) 18" x 26" sheet pan or (40) 12" x 20" steam pan or (20) 2/1 GN pan capacity, mobile oven rack & (10) stainless steel grids included, intelligent cooking system with (4) assistants; iDensityControl, iCookingSuite, iProductionManager, & iCareSystem, (6) operating modes, (5) cooking methods, (3) manual operating modes, 85° to 572°F temperature range, quick clean, care control, eco mode, 6-point core temperature probe, retractable hand shower, Ethernet interface, Wi-Fi enabled, includes (1) bucket of Active Green Cleaner & (1) bucket of Care Tabs, 303,500 BTU, 208/240v/60/1-ph, 6 ft. cord, 2.2 kW, IPX5, cCSAus, NSF, ENERGY STAR®

1 ea NOTE: All discounts subject to approval by manufacturer

1 ea 2 years parts and labor, 5 years steam generator warranty

1 ea Model CAP Chef Assistance Program, a RATIONAL certified Chef conducts 4 hours/location specialized application training with personnel, no charge

ITEM 53 - CONVECTION OVEN, GAS (2 REQ'D)

Vulcan Model VC44GD Dimensions: 70(h) x 40(w) x 42.25(d)

Convection Oven, gas, double-deck, standard depth, solid state controls, electronic spark igniters, 60 minute timer, (5) nickel plated racks per oven, 8" high legs, stainless steel front, top & sides, stainless steel doors with windows, (2) 50,000 BTU, NSF, CSA Star, CSA Flame, ENERGY STAR®

2 ea 1 year limited parts & labor warranty, standard

2 ea Natural gas (specify elevation if over 2,000 ft.)

2 ea (2) 120v/60/1-ph, 15.4 amps total, (2) cords with plugs, standard

- 2 ea Gas manifold piping included with stacking kit to provide single point gas connection
- 2 ea Simultaneous doors, bottom oven
- 2 st Casters, set of (4) in lieu of standard legs

ITEM 54 - CONVECTION STEAMER, GAS (1 REQ'D)

Cleveland Range Model 24CGA10.2 Dimensions: 65.5(h) x 24(w) x 33(d)

Steamcraft® Gemini™ 10 Convection Steamer, pressureless, gas, 2 compartments with individual generators, (5) 12 x 20 x 2-1/2 pans/compartment capacity, SureCook controls, 60-minute mechanical timer & manual (continuous steaming) bypass switch, left-hand hinged door, controls on right, 1 standard treated & tap water connection, stainless steel construction, 6" adjustable legs with flanged feet, 144,000 BTU total

- 1 ea 1-year parts & labor warranty, standard
- 1 ea 5 year pro-rated parts warranty on boilers & steam generators
- 2 ea 3 year Convection Steamer Door Warranty, standard
- 1 ea Performance start-up included at customer request after equipment is installed (Free Water Quality Check included) (contact Cleveland Sales Representative for details)
- 1 ea Gas type to be specified
- 1 ea (VOS115) 120v/60/1-ph, 2 blowers & controls, 150 watts each (DO NOT connect to GFI outlet)

ITEM 55 - HD RANGE, 36", 6 OPEN BURNERS (1 REQ'D)

Vulcan Model V6B36S Dimensions: 36(h) x 36(w) x 36.75(d)

V Series Heavy Duty Range, gas, 36", (6) 35,000 BTU open burners, cast iron grates, standard oven, stainless steel front, front top ledge, sides, base, burner box & stub back, 6" adjustable legs, 260,000 BTU, CSA, NSF

- 1 ea 1 year limited parts & labor warranty, standard
- 1 ea Natural gas (specify elevation if over 2,000 ft.)
- 1 ea NOTE: A regulator must be used on this equipment
- 1 ea 1-1/4" rear gas connection, standard
- 1 ea Rear gas connection: cap & cover, both ends

ITEM 56 - CONVECTION OVEN, GAS (1 REQ'D)

Vulcan Model VC44GD Dimensions: 70(h) x 40(w) x 42.25(d)

Convection Oven, gas, double-deck, standard depth, solid state controls, electronic spark igniters, 60 minute timer, (5) nickel plated racks per oven, 8" high legs, stainless steel front, top & sides, stainless steel doors with windows, (2) 50,000 BTU, NSF, CSA Star, CSA Flame, ENERGY STAR®

- 1 ea 1 year limited parts & labor warranty, standard
- 1 ea Gas type to be specified
- 1 ea (2) 120v/60/1-ph, 15.4 amps total, (2) cords with plugs, standard
- 1 ea Gas manifold piping included with stacking kit to provide single point gas connection
- 2 ea Simultaneous doors, both ovens
- 1 st Casters, set of (4) in lieu of standard legs

ITEM 57 - KETTLE, GAS, TILTING (1 REQ'D)

Groen Model DH-40A Dimensions: 43.13(h) x 47(w) x 34.63(d)

Tilting Kettle, gas, 40-gallon capacity, crank tilt, 2/3 jacket, IPX6 water rated electronic Advanced controls with digital display, 1 minute to 10 hour timer, low (2) and high (7) preset

intensities with manual capability, 316 stainless steel liner, floor mounted control console supports, stainless steel construction, bullet feet, electronic ignition, 50 PSI, 0 - 2000' elevation, 100,000 BTU, cCSAus, NSF, Made in USA

- 1 ea (1) year parts & labor, (10) year hemisphere warranty, standard
- 1 ea Gas type to be specified
- 1 ea Model ELEVO-2000 For elevation between 0 and 2000 (When order is placed, all equipment with elevation specified will be assigned a different Part# by the factory)
- 1 ea 115v/60/1-ph, 5.0 amps, std.

ITEM 58 - TILTING SKILLET BRAISING PAN, GAS (1 REQ'D)

Groen Model BPM-40GA Dimensions: 43.5(h) x 48(w) x 39.75(d)

Braising Pan, gas, 40-gallon capacity, 10" deep pan, 38" pan height, IPX6 water rated electronic Advanced controls with digital display, 1 minute to 10 hour timer, 175° - 400°F preset temperatures along with manual setting capability, manual tilt, standard etch marks, faucet bracket, round tubular open leg base, stainless steel construction, bullet feet, electric spark ignition, 144,000 BTU/hr, cCSAus, NSF, IPX6, Made in USA

- 1 ea (1) year parts & labor, (10) year pan warranty, standard
- 1 ea 115v/60/1-ph, 5.0 amps, standard
- 1 ea Gas type to be specified
- 1 ea Model ELEVO-2000 For elevation between 0 and 2000 (When order is placed, all equipment with elevation specified will be assigned a different Part# by the factory)

ITEM 59 - FLOOR TROUGH (1 REQ'D)

Eagle Group Model ASFT-2424-FG Dimensions: 24(w) x 24(d)

Anti-Splash Floor Trough, 24"W x 24"D, yellow fiberglass subway-style grating with non-slip surface, 6" deep trough pan with built-in pitch toward drain, accommodates up to a 4" diameter drain pipe, stainless steel removable perforated basket, all-welded 14/304 stainless steel construction, NSF

- 1 ea NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or after March 1st, 2022.
- 1 ea ADA-compliant grating

ITEM 60 - FLOOR TROUGH (1 REQ'D)

Eagle Group Model ASFT-2436-FG Dimensions: 36(w) x 24(d)

Anti-Splash Floor Trough, 36"W x 24"D, yellow fiberglass subway-style grating with non-slip surface, 6" deep trough pan with built-in pitch toward drain, accommodates up to a 4" diameter drain pipe, stainless steel removable perforated basket, all-welded 14/304 stainless steel construction, NSF

- 1 ea NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or after March 1st, 2022.
- 1 ea ADA-compliant grating

ITEM 61 - SPARE NO. <Spare No.> <A4>

ITEM 62 - SPARE NO. <Spare No.> <A4>

ITEM 63 - SPARE NO. <Spare No.>

ITEM 64 - SPARE NO. <Spare No.>

ITEM 65 - BLAST CHILLER FREEZER, REACH-IN (1 REQ'D)

American Panel Corporation Model AP12BCF110-3 Dimensions: 74(h) x 32.25(w) x 36.13(d)  
HURRiCHILL™ Blast Chiller/Shock Freezer, Reach-in, self-contained, (24) 12" x 20" x 2.5" or  
(12) 18" x 26" pan capacity, 110 lbs. from 160° F to 38° F blast chill capacity/90 minutes, 90  
lbs. 160° F to 0° F freeze capacity/240 minutes, 7" LCD touch screen controller with Quick  
Start & A La Carte functionality, (1) heated food probe, stainless steel interior & exterior, 6"  
stainless steel legs, 3 HP, UL CLASSIFIED EPH, cUL, ANSI/NSF

- 1 ea 1 year parts & labor warranty standard on cabinet only
- 1 ea 5 year compressor warranty is standard, 1 year parts, labor not included
- 1 ea Standard Refrigeration, R404a refrigerant
- 1 ea 208v/60/3-ph, 10.0 amps, 6' cord, NEMA L15-20P
- 1 ea Drain line assembly
- 1 ea Condensate evaporator
- 1 ea Wi-Fi communication

ITEM 66 - PLANETARY MIXER (1 REQ'D)

Hobart Model HL800-2STD

Legacy Planetary Mixer, 80 quart, (4) fixed speeds plus stir speed, gear-driven transmission,  
20-Minute SmartTimer™, power bowl lift, stainless steel bowl guard, stainless steel bowl, "B"  
beater, "ED" dough hook, bowl truck, 3.0 HP, 380-460v/50/60/3-ph (US & Export  
configuration)

- 1 ea Standard warranty: 1-Year parts, labor & travel time during normal working  
hours within the USA
- 1 ea Model TRUCK-HL1486 Legacy® Mixer Bowl Truck, aluminum, for use with 60, 80  
& 140 quart mixers

ITEM 67 - WORK TABLE, STAINLESS STEEL TOP (4 REQ'D)

Eagle Group Model T3072SE-BS Dimensions: 39.63(h) x 72(w) x 30(d)

Spec-Master® Series Work Table, 72"W x 30"D, 4-1/2"H backsplash, 14/300 series stainless  
steel top, rolled front edge, adjustable 18/300 series stainless steel undershelf with marine  
edge, Uni-Lok® gusset system, (4) stainless steel legs & adjustable bullet feet, NSF

- 4 ea Model E101A Turn down back of splash per table with Z clip
- 4 ea Model E23 Sink, 16" x 20" x 14" bowl, for 30"W tables, complete with faucet &  
basket drain (specify location)
- 4 ea T&S Brass Model 5F-4CW10 Equip Workboard Faucet, 4" OC deck mount, 10"  
swing nozzle, quarter-turn ceramic cartridge, 4" wrist action handles, low lead,  
ADA Compliant
- 4 ea T&S Brass Model B-3952-01 Waste Valve, twist handle, 3-1/2" sink opening, 2"  
drain outlet with overflow assembly (replaces B-3917-01)
- 4 ea Model -TB Twist bracket, per drain
- 4 ea add overflow hole punch
- 4 ea Model E32 Can opener hole with under table support (specify location)

ITEM 68 - SHELVING, WALL MOUNTED (2 REQ'D)

Eagle Group Model WS1272-16/3 Dimensions: 72(w) x 12(d)

Shelf, wall-mounted, 72"W x 12"D, rolled frontedge, 1-1/2"H up-turn on sides & rear, includes  
stainless steel mounting brackets stud welded to shelf, 16/304 stainless steel construction,  
NSF

- 2 ea NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or  
after March 1st, 2022.

ITEM 69 - PLANETARY MIXER (1 REQ'D)

Hobart Model HMM20-1STD

Centerline Planetary Mixer, 20 quart capacity, (3) fixed speeds, gear-driven transmission, digital controls, last time remind, stainless steel bowl, removable bowl guard, includes bayonet style wire whip, flat beater & dough hook, 1/2 HP motor, 100-120v/50/60/1-ph (Net)

1 ea Standard warranty - 1-Year parts, labor & travel time during normal working hours within the USA

1 ea Model VS9-12 9" Vegetable Slicer for #12 attachment hub; includes back case, hopper front, & adjustable slicer plate, NSF

1 ea Model VS9HOLD-SHG12 Plate Holder #12 hub, mounts shredder & grater plates

1 ea Model VS9PLT-1/2SH 1/2" Shredder Plate

1 ea Model VS9PLT-3/16SH 3/16" Shredder Plate

ITEM 70 - EQUIPMENT STAND, FOR MIXER / SLICER (1 REQ'D)

Eagle Group Model MS2424S Dimensions: 24(h) x 24(w) x 24(d)

Mixer Stand, stationary, 24"W x 24"D x 24"H, 16/300 series stainless steel top with 600 lbs. capacity, rolled front edge, stainless steel adjustable undershelf with 150 lbs. capacity, Uni-Lok® gusset system, stainless steel legs with adjustable stainless steel bullet feet, NSF

1 ea NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or after March 1st, 2022.

1 st Model CA4-SB Table Casters, set of (4), 4" diameter, (2) swivel & (2) swivel/brake, 115 lbs. capacity per caster, zinc with resilient tread, NSF

ITEM 71 - WORK TABLE, STAINLESS STEEL TOP (1 REQ'D)

Eagle Group Model T3060STE-BS Dimensions: 39.63(h) x 60(w) x 30(d)

Spec-Master® Series Work Table, 60"W x 30"D, 4-1/2"H backsplash, 14/300 series stainless steel top, rolled front edge, Uni-Lok® gusset system, stainless steel crossrails on side & rear, (4) stainless steel legs & adjustable bullet feet, NSF

1 ea Model E101A Turn down back of splash per table with Z clip

ITEM 72 - SHELVING, WALL MOUNTED (1 REQ'D)

Eagle Group Model WS1260-16/3 Dimensions: 60(w) x 12(d)

Shelf, wall-mounted, 60"W x 12"D, rolled frontedge, 1-1/2"H up-turn on sides & rear, includes stainless steel mounting brackets stud welded to shelf, 16/304 stainless steel construction, NSF

1 ea NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or after March 1st, 2022.

ITEM 73 - INGREDIENT BIN (1 REQ'D) <A4>  
Cambro

1 ea Model IB44148 Ingredient Bin, mobile, 42-1/2 gallon capacity, molded polyethylene with sliding cover, (4) 3" heavy duty casters (2 front swivel, 2 fixed), with bin securely attached to base plate, white with clear cover, NSF

1 ea Model IBS20148 Ingredient Bin, mobile, 21 gallon capacity, molded polyethylene with sliding cover, S-hook on front (scoop NOT included), (4) 3" heavy duty casters (2 front swivel, 2 fixed), with bin securely attached to base plate, white with clear cover, NSF

1 ea Model IBS27148 Ingredient Bin, mobile, 27 gallon capacity, 1-pc seamless polyethylene bin, 2-pc sliding polycarbonate lid, S-hook on front (scoop NOT

included), (4) 3" heavy duty casters (2 front swivel, 2 fixed), white with clear cover, NSF

ITEM 74 - WORK TABLE, STAINLESS STEEL TOP (1 REQ'D)

Eagle Group Model T3096SE-BS Dimensions: 39.63(h) x 96(w) x 30(d)  
Spec-Master® Series Work Table, 96"W x 30"D, 4-1/2"H backsplash, 14/300 series stainless steel top, rolled front edge, adjustable 18/300 series stainless steel undershelf with marine edge, Uni-Lok® gusset system, (6) stainless steel legs & adjustable bullet feet, NSF

1 ea Model E101A Turn down back of splash per table with Z clip

1 ea Model 502943 Drawer Assembly, 20" x 15" x 5", 430 type stainless steel, removable drawer pan, hemmed safety pull handle (table must be field drilled for mounting)

ITEM 75 - SHELVING, WALL MOUNTED (2 REQ'D)

Eagle Group Model WS1248-16/3 Dimensions: 48(w) x 12(d)

Shelf, wall-mounted, 48"W x 12"D, rolled front edge, 1-1/2"H up-turn on sides & rear, includes stainless steel mounting brackets stud welded to shelf, 16/304 stainless steel construction, NSF

2 ea NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or after March 1st, 2022.

ITEM 76 - CAN OPENER (1 REQ'D)

Edlund Model S-11WB

Can Opener, manual, 16" bar length, max can height of 13" dishwasher safe, rust proof, stainless steel without base, NSF certified

1 ea 5 year limited warranty, standard

ITEM 77 - WORK TABLE, STAINLESS STEEL TOP (3 REQ'D)

Eagle Group Model T3096SE Dimensions: 36.13(h) x 96(w) x 30(d)

Spec-Master® Series Work Table, 96"W x 30"D, 14/300 series stainless steel top, rolled edge on front & back, adjustable 18/300 series stainless steel undershelf with marine edge, Uni-Lok® gusset system, (6) stainless steel legs & adjustable bullet feet, NSF

3 ea Model 502943 Drawer Assembly, 20" x 15" x 5", 430 type stainless steel, removable drawer pan, hemmed safety pull handle (table must be field drilled for mounting)

ITEM 78 - WORK TABLE, STAINLESS STEEL TOP (1 REQ'D) <A4>

Eagle Group Model T3072SE-BS Dimensions: 39.63(h) x 72(w) x 30(d)

Spec-Master® Series Work Table, 72"W x 30"D, 4-1/2"H backsplash, 14/300 series stainless steel top, rolled front edge, adjustable 18/300 series stainless steel undershelf with marine edge, Uni-Lok® gusset system, (4) stainless steel legs & adjustable bullet feet, NSF

3 ea Model E101A Turn down back of splash per table with Z clip

3 ea Model 502943 Drawer Assembly, 20" x 15" x 5", 430 type stainless steel, removable drawer pan, hemmed safety pull handle (table must be field drilled for mounting)

ITEM 79 - SHELVING, WALL MOUNTED (3 REQ'D)

Eagle Group Model WS1272-16/3 Dimensions: 72(w) x 12(d)

Shelf, wall-mounted, 72"W x 12"D, rolled front edge, 1-1/2"H up-turn on sides & rear, includes stainless steel mounting brackets stud welded to shelf, 16/304 stainless steel construction, NSF

3 ea NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or after March 1st, 2022.

ITEM 80 - SPARE NO. <Spare No.>

ITEM 81 - SPARE NO. <Spare No.>

ITEM 82 - WORK TABLE, STAINLESS STEEL TOP (2 REQ'D)  
Eagle Group Model T3096SE-BS Dimensions: 39.63(h) x 96(w) x 30(d)  
Spec-Master® Series Work Table, 96"W x 30"D, 4-1/2"H backsplash, 14/300 series stainless steel top, rolled front edge, adjustable 18/300 series stainless steel undershelf with marine edge, Uni-Lok® gusset system, (6) stainless steel legs & adjustable bullet feet, NSF  
2 ea Model E101A Turn down back of splash per table with Z clip  
2 ea Model 502943 Drawer Assembly, 20" x 15" x 5", 430 type stainless steel, removable drawer pan, hemmed safety pull handle (table must be field drilled for mounting)  
2 ea Model E15 Vertical tray dividers, four-section assembly, 3" on centers

ITEM 83 - SHELVING, WALL MOUNTED (4 REQ'D)  
Eagle Group Model WS1248-16/3 Dimensions: 48(w) x 12(d)  
Shelf, wall-mounted, 48"W x 12"D, rolled frontedge, 1-1/2"H up-turn on sides & rear, includes stainless steel mounting brackets stud welded to shelf, 16/304 stainless steel construction, NSF  
4 ea NOTE: Please add 10% to the list (current list /.90) for all orders shipping on or after March 1st, 2022.

ITEM 84 - FOOD SLICER, ELECTRIC (1 REQ'D)  
Hobart Model HS7-1 Dimensions: 27.25(h) x 24.63(w) x 30.31(d)  
Heavy Duty Meat Slicer, automatic, 13" CleanCut™ removable knife with removal tool, burnished finish, (3) stroke lengths, & (4) stroke speeds, removable meat grip assembly, removable ring guard cover, product fence, single action top mounted sharpener with Borazon™ stones, manual lift lever, 1/2 hp motor, 5.6amps, 120v/60hz/1-ph, NSF cETLus  
1 ea Standard warranty - 1-Year parts, labor & travel time during normal working hours within the USA

ITEM 85 - FOOD PROCESSOR, BENCHTOP / COUNTERTOP (1 REQ'D)  
Hobart Model FP41-1 Dimensions: 17.2(h) x 10.2(w) x 13.4(d)  
Food Processor, 4 qt. bowl design, 1725 rpm, stainless steel bowl with see-thru cover, bowl-scraper, direct drive motor, triple safety interlocks, anodized aluminum base, rubber ft, (unit only) 120/60/1, 3/4 hp, 8' cord with plug  
1 ea Standard warranty - 1-Year parts, labor & travel time during normal working hours within the USA

ITEM 86 - FOOD PROCESSOR, BENCHTOP / COUNTERTOP (1 REQ'D)  
Hobart Model FP350-1 Dimensions: 29.31(h) x 13.44(w) x 21.88(d)  
Food Processor - Unit Only, angled continuous feed design, full-size hopper, 26 lb per/min production cap., 430 rpm, stainless steel cutting surfaces, planetary gear transmission, triple safety interlocks, aluminum housing, rubber feet, 120/60/1, 1 HP, 10 amps, UL, NSF  
1 ea Standard warranty - 1-Year parts, labor & travel time during normal working hours within the USA  
1 ea Model 3SLICE-1/8-SS 1/8" Slicing Plate (3mm), stainless steel

- 1 ea Model 3SLICE-5/32-SS 5/32" Slicing Plate (4mm), stainless steel
- 1 ea Model 3SLICE-3/8-SS 3/8" Slicing Plate (10mm), stainless steel
- 1 ea Model 3JUL-5/64-SS 5/64" Julienne Plate (2mm), stainless steel
- 1 ea Model 3SHRED-1/8-SS 1/8" Shredder Plate (3mm), stainless steel
- 1 ea Model 3SHRED-5/32-SS 5/32" Shredder Plate (4mm), stainless steel
- 1 ea Model S35DICE-3/8 3/8" Dicer Plate (10mm), stainless steel (for use with 3-10mm slicer plate)
- 1 ea Model S35DICE-1/2 1/2" Dicer Plate (12.5mm), stainless steel (for use with 3-10mm slicer plate)

ITEM 87 - SPARE NO. <Spare No.>

ITEM 88 - SPARE NO. <Spare No.>

ITEM 89 - SPARE NO. <Spare No.>

ITEM 90 - WALK IN MEAT COOLER (1 REQ'D)

Kolpak

See shop drawings

- 1 ea 3 HP warranty - \$426
- 3/4 HP warranty - \$207
- 3/4 HP warranty - \$207

ITEM 91 - WALK IN PRODUCE COOLER (1 REQ'D)

Kolpak

See shop drawings

ITEM 92 - WALK IN FREEZER (1 REQ'D)

Kolpak

See shop drawings

ITEM 93 - PRODUCE AND MEAT COOLER SHELVING (1 It REQ'D)

Eagle Group

- 16 ea Model QPF-2460E-GL-X QuadPLUS™ Shelf Mat, louvered, 60"W x 24"D, green polymer mat with MICROGARD® antimicrobial protection, wire QuadTruss® frame with EAGLEgard® hybrid epoxy finish, (4) split sleeves, NSF (FLYER)
- 16 ea Model QPF-2448E-GL-X QuadPLUS™ Shelf Mat, louvered, 48"W x 24"D, green polymer mat with MICROGARD® antimicrobial protection, wire QuadTruss® frame with EAGLEgard® hybrid epoxy finish, (4) split sleeves, NSF (FLYER)
- 32 ea Model P74-E-X Post, stationary, 74"H, grooved in 1" increments, includes post cap & leveling bolt, EAGLEgard® hybrid epoxy finish with MICROGARD® antimicrobial protection, NSF (FLYER)

ITEM 94 - DUNNAGE RACK (2 REQ'D)

Eagle Group Model PD4822-X Dimensions: 12(h) x 48(w) x 22(d)

Dunnage Rack, polymer, 48"W x 22"D x 12"H, black polyethylene construction, 3000 lb. capacity, NSF (FLYER)

ITEM 95 - FREEZER SHELVING (1 It REQ'D)

Eagle Group

- 12 ea Model 2448VG-X Shelf, wire, 48"W x 24"D, patented QuadTruss® design, includes (4) pairs of split sleeves per shelf, 800 lbs. capacity, Valu-Gard® green epoxy finish, NSF (FLYER)
- 8 ea Model 2460VG-X Shelf, wire, 60"W x 24"D, patented QuadTruss® design, includes (4) pairs of split sleeves per shelf, 600 lbs. capacity, Valu-Gard® green epoxy finish, NSF (FLYER)
- 8 ea Model 2454VG Shelf, wire, 54"W x 24"D, patented QuadTruss® design, includes (4) pairs of split sleeves per shelf, 600 lbs. capacity, Valu-Gard® green epoxy finish, NSF
- 24 ea Model P74-VG-X Post, stationary, 74"H, grooved in 1" increments, includes post cap & leveling bolt, Valu-Gard® green epoxy finish, NSF (FLYER)
- 16 ea Model A200012 "S"Hook, joins individual wire shelf units end-to-end, back-to-back, or at right angles. (2) required per shelf connection.

ITEM 96 - DUNNAGE RACK (2 REQ'D)

Eagle Group Model PD4822-X Dimensions: 12(h) x 48(w) x 22(d)

Dunnage Rack, polymer, 48"W x 22"D x 12"H, black polyethylene construction, 3000 lb. capacity, NSF (FLYER)

ITEM 97 - DRY STORAGE SHELVING (1 It REQ'D)

Eagle Group

- 32 ea Model 2460C Shelf, wire, 60"W x 24"D, patented QuadTruss® design, includes (4) pairs of split sleeves per shelf, 600 lbs. capacity, chrome-plated finish, NSF
- 8 ea Model 2448C-X Shelf, wire, 48"W x 24"D, patented QuadTruss® design, includes (4) pairs of split sleeves per shelf, 800 lbs. capacity, chrome-plated finish, NSF (FLYER)
- 40 ea Model CP74-C Caster Post, 74"H, grooved in 1" increments, chrome finish, NSF
- 20 ea Model CSS5-300-X Stem Caster, swivel, 5" wheel diameter, 1-1/4" wheel face, 300 lb. capacity, resilient tread, donut bumper included, EAGLEbrite® zinc, NSF (FLYER)
- 20 ea Model CSB5-300-X Stem Caster with Brake, 5" wheel diameter, 1-1/4" wheel face, 300 lb. capacity, resilient tread, donut bumper included, EAGLEbrite® zinc, NSF (FLYER)

ITEM 98 - DUNNAGE RACK (1 REQ'D)

Eagle Group Model PD4822-X Dimensions: 12(h) x 48(w) x 22(d)

Dunnage Rack, polymer, 48"W x 22"D x 12"H, black polyethylene construction, 3000 lb. capacity, NSF (FLYER)

ITEM 99 - CAN RACK (1 REQ'D)

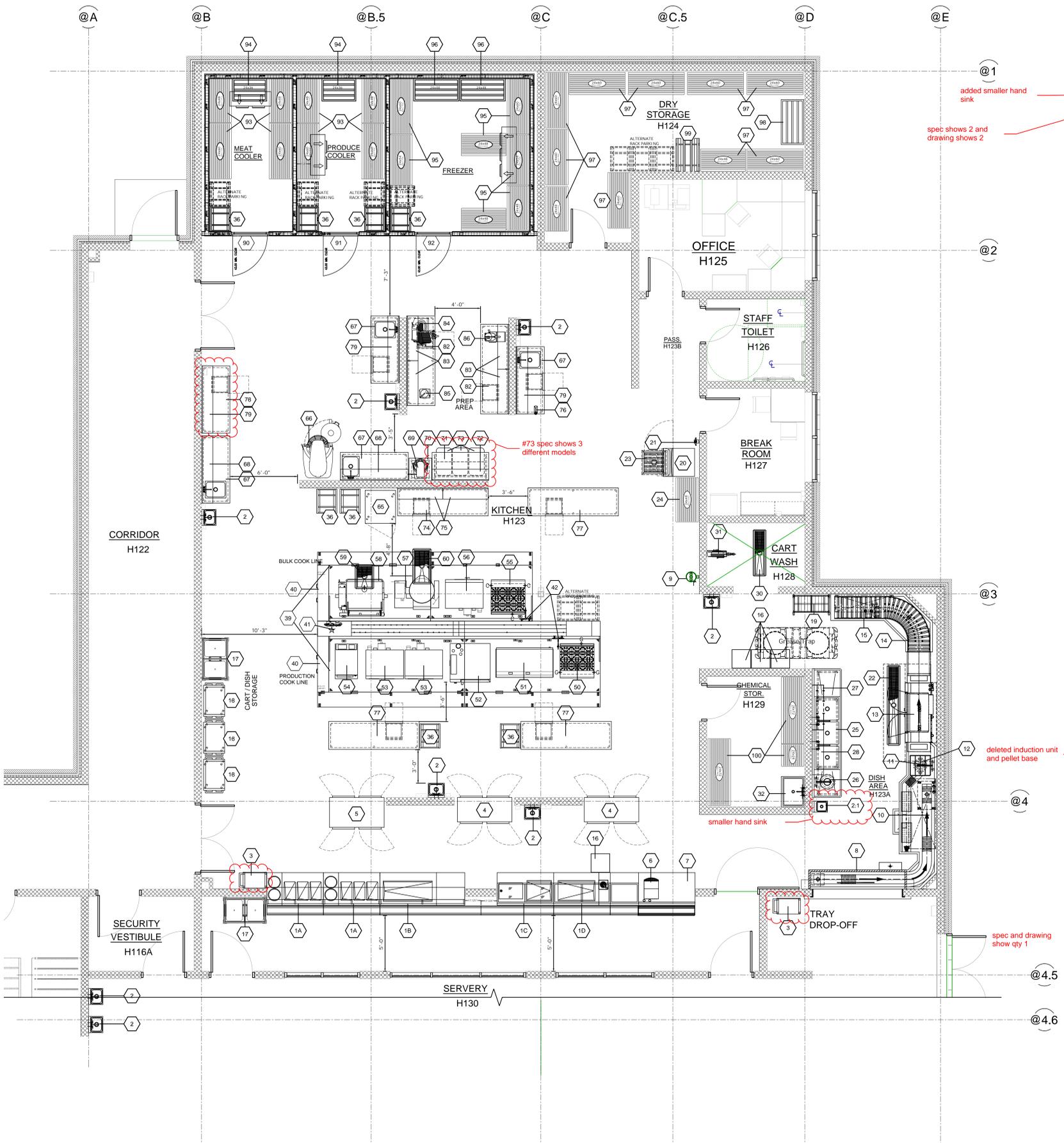
Eagle Group Model OCR-10-9A-X Dimensions: 71(h) x 25(w) x 35.25(d)

Panco® Can Rack, full size, mobile design, self feeding gravity fed shelves, designed for (162) #10 or (216) #5 cans, all welded extruded aluminum construction, 4" swivel plate casters, NSF (FLYER)

ITEM 100 - CHEMICAL SHELVING (1 It REQ'D)

Eagle Group

- 8 ea Model 2460VG Shelf, wire, 60"W x 24"D, patented QuadTruss® design, includes (4) pairs of split sleeves per shelf, 600 lbs. capacity, Valu-Gard® green epoxy finish, NSF
- 4 ea Model 2472VG Shelf, wire, 72"W x 24"D, patented QuadTruss® design, includes (4) pairs of split sleeves per shelf, 600 lbs. capacity, Valu-Gard® green epoxy finish, NSF
- 4 ea Model 2448VG Shelf, wire, 48"W x 24"D, patented QuadTruss® design, includes (4) pairs of split sleeves per shelf, 800 lbs. capacity, Valu-Gard® green epoxy finish, NSF
- 12 ea Model P74-VG Post, stationary, 74"H, grooved in 1" increments, includes post cap & leveling bolt, Valu-Gard® green epoxy finish, NSF
- 16 ea Model A200012 "S"Hook, joins individual wire shelf units end-to-end, back-to-back, or at right angles. (2) required per shelf connection.



EQUIPMENT SCHEDULE			
ITEM NO	QTY	EQUIPMENT CATEGORY	EQUIPMENT REMARKS
1A	2	SERVING LINE - HOT FOOD	
1B	1	SERVING LINE - HOT/COLD FOOD COMBO	
1C	1	SERVING LINE - COLD FOOD	
1D	1	SERVING LINE - COLD FOOD	
2	2	HAND SINK, WALL MOUNT	
3	2	HAND SINK, WALL MOUNT	
4	2	CART, UTILITY	
5	1	DISPLAY CASE, REFRIGERATED	
6	1	CABINET, HEATED, PASS-THRU	
7	1	COFFEE MAKER, DI SPENSER	
8	1	TABLE, WORK	
9	1	SOILED DISHTABLE TRAY CONVEYOR	
10	1	EYE WASH STATION	
11	1	DISHTABLE, ACCESSORY	
12	1	PRE-RINSE FAUCET, WALL MOUNT	
13	1	DISPOSER, GARBAGE	
14	1	WAREWASHER, RACK CONVEYOR	
15	1	CLEAN DISH ROLLER TABLE	
16	1	SHELF, WALL MOUNT	
17	3	DOLLY, DISHRACK	
18	2	DI SPENSER, SELF-LEVELING TRAY	
19	1	RACK, DOME DRYING	
20	1	ICE MAKER W/ BIN	
21	1	FILTER SYSTEM, ICEMAKER	
22	1	FLOOR TROUGH	
23	1	FLOOR TROUGH	
24	1	SHELVING UNIT	
25	1	SINK, SCULLERY, 3 COMPARTMENTS	
26	1	DISPOSER, GARBAGE	
27	1	POT RACK, WALL MOUNT	
28	1	SHELF, WALL MOUNT	
29	-	SPARE NUMBER	
30	1	FLOOR TROUGH	
31	1	HOSE REEL WITH SPRAY	
32	1	SINK, MOP W/SERVICE FAUCET	
33	-	SPARE NUMBER	
34	-	SPARE NUMBER	
35	-	SPARE NUMBER	
36	8	RACK, PAN	
37	-	SPARE NUMBER	
38	-	SPARE NUMBER	
39	2	EXHAUST HOODS	EXHAUST FANS, MAKE-UP AIR FAN & DUCT WORK BY OTHERS
40	2	FIRE SUPPRESSION SYSTEM	
41	1	UDS SYSTEM	
42	2	FAUCET, POT FILLER, WALL MOUNT	
43	-	SPARE NUMBER	
44	-	SPARE NUMBER	
45	-	SPARE NUMBER	
46	-	SPARE NUMBER	
47	-	SPARE NUMBER	
48	-	SPARE NUMBER	
49	-	SPARE NUMBER	
50	1	RANGE, HEAVY DUTY, GAS	
51	1	GRIDDLE, GAS W/STAND	
52	1	OVEN-STEAMER, COMBINATION, GAS	
53	2	DOUBLE OVEN, CONVECTION, GAS	
54	1	STEAMER, PRESSURELESS	
55	1	RANGE, HEAVY DUTY, GAS	
56	1	DOUBLE OVEN, CONVECTION, GAS	
57	1	KETTLE, STEAM JACKETED, GAS, TILT	
58	1	TILT SKILLET, GAS	
59	1	FLOOR TROUGH	
60	-	SPARE NUMBER	
61	-	SPARE NUMBER	
62	-	SPARE NUMBER	
63	-	SPARE NUMBER	
64	-	SPARE NUMBER	
65	1	CHILLER/FREEZER, BLAST	
66	1	MIXER, FLOOR	
67	4	TABLE, WORK W/SINK	
68	2	SHELF, WALL MOUNT	
69	1	MIXER, COUNTER	
70	1	STAND, EQUIPMENT	
71	1	TABLE, WORK	
72	1	SHELF, WALL MOUNT	
73	3	INGREDIENT BIN	
74	1	TABLE, WORK W/DRAWER ASSEMBLY	
75	2	SHELF, WALL MOUNT	
76	1	CAN OPENER	
77	2	TABLE, WORK W/DRAWER ASSEMBLY	
78	1	TABLE, WORK W/DRAWER ASSEMBLY	
79	3	SHELF, WALL MOUNT	
80	-	SPARE NUMBER	
81	-	SPARE NUMBER	
82	2	TABLE, WORK W/DRAWER ASSEMBLY	
83	4	SHELF, WALL MOUNT	
84	1	SLICER	
85	1	FOOD PROCESSOR	
86	1	FOOD PROCESSOR	
87	-	SPARE NUMBER	
90	1	WALK-IN MEAT COOLER	
91	1	WALK-IN PRODUCE COOLER	
92	1	WALK-IN FREEZER	
93	8	COOLER SHELVING UNIT	
94	2	COOLER DUNNAGE RACK	
95	7	FREEZER SHELVING UNIT	
96	2	FREEZER DUNNAGE RACK	
97	9	DRY STORAGE SHELVING UNIT	
98	1	DRY STORAGE DUNNAGE RACK	
99	1	CAN RACK	
100	3	CHEMICAL STORAGE SHELVING UNIT	

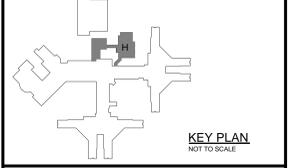
A4	ADDENDUM NO. 4	10/3/23
NO.	REVISION	DATE

STATE OF MICHIGAN  
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET  
 FACILITIES AND BUSINESS SERVICES ADMINISTRATION  
 DESIGN AND CONSTRUCTION DIVISION  
 ADAM LACH, RA, DIRECTOR

FILE NO.  
 491/20167.SDW

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STAFFORD-SMITH, Inc.  
 COMMERCIAL REFRIGERATION, FOOD SERVICE EQUIPMENT  
 AND BUSINESS SERVICES ADMINISTRATION  
 411 S BURTON ST, ANN ARBOR, MICHIGAN 48106  
 PH: 734.965.5277

PROJECT TITLE  
 491/20167.SDW CFP - CREATE KITCHEN  
 BID AND CONSTRUCTION:  
**CENTER FOR FORENSIC  
 PSYCHIATRY**

SALINE, MICHIGAN

SHEET TITLE  
**KITCHEN EQUIPMENT PLAN**

PROJECT NUMBER 2021094	SHEET NUMBER
PROJECT DATE SEPTEMBER 6, 2023	FS2.01
CHECKED BY T.M.M.	