

METROPOLITAN EXPOSITION-RECREATION COMMISSION

RESOLUTION NO. 09-16

Accepting Curtis Restaurant Equipment as the lowest responsive and responsible bidder in accordance with the MERC Contracting and Purchasing Rules, and authorizing the MERC Interim General Manager to execute a contract with Curtis Restaurant Equipment for the Dishwasher and Scrapper Table at the Oregon Convention Center.

WHEREAS, in the public interest, for the purpose of necessary operational cleaning for the food service operation at the Oregon Convention Center; and

WHEREAS, the approved FY 09-10 MERC Capital Budget includes provisions for the Oregon Convention Center Kitchen Remodel Project with funds from transient lodging taxes and the proposed new capital contribution from the Food and Beverage Operations Agreement under consideration by the Commission at its November 4, 2009 meeting; and

WHEREAS, staff completed a formal solicitation of bids culminating with a bid opening on October 7, 2009; and

WHEREAS, MERC staff has evaluated the bids and the lowest responsive and responsible Bidder was Curtis Restaurant Equipment with a bid of \$152,750; and

WHEREAS, Sections 3(B) and 4(D)(c)(2) of MERC's Contracting and Purchasing Rules, effective March 1, 2005, require the Commission to select the lowest responsive and responsible bidder, approve the contract award, and approve the written contract by resolution; and


WHEREAS, this bid is within the project budget previously set.

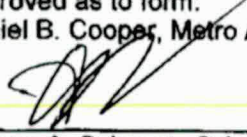
BE IT THEREFORE RESOLVED that the Metropolitan Exposition-Recreation Commission:

1. Accepts the bid of Curtis Restaurant Equipment for the dishwasher and scrapper table purchase and installation at the Oregon Convention Center.
2. Authorizes the MERC Interim General Manager to execute the contract in substantially the same form as attached as Exhibit A to this resolution with Curtis Restaurant Equipment for the amount of \$152,750.00 for the performance of work in accordance with the Bid Documents contingent upon receipt of funds through the Food and Beverage Operations Agreement.

Passed by the Commission on November 4, 2009.

Approved as to form:
Daniel B. Cooper, Metro Attorney


Chairman

By: 
Nathan A. Schwartz Sykes, Senior Attorney


Secretary/Treasurer

MERC STAFF REPORT

Agenda Item/Issue: Acceptance of Curtis Restaurant Equipment bid for the Dishwasher/Scrapper Table purchase and installation at the Oregon Convention Center.

Resolution No: 09-16

Date: November 4, 2009

Presented by: Jeff Blosser

BACKGROUND: In order to keep the food service program at the Oregon Convention Center effective and efficient staff determined that an additional dishwashing station is necessary. The current dishwasher set-up does not include a necessary scrapping station and is currently used for all plates, flatware and glassware. The new dishwasher and scrapping station will be used for plates and flatware only, while the existing dishwasher will remain and be used for glassware and also serve as a backup if necessary. The dishwasher and scrapper table was previously budgeted and included in the 2009–2010 adopted budget reflected in the Oregon Convention Center Kitchen Remodel Project. This contract is for the purchase of a commercial dishwasher and scrapper table with delivery tentatively scheduled for the end of December 2009 while the main kitchen in the Oregon Convention Center is not scheduled for any events.

On September 21, 2009 MERC Staff issued a Request for Bids for the Dishwasher/Scrapper Table at the Oregon Convention Center. The Request for Bids was published in the Daily Journal of Commerce and the Oregonian and complied with MERC's formal contracting and purchasing policies as well as the ORS and any and all applicable Bureau of Labor and Industries Prevailing Wage Rate law and requirements. On Wednesday, September 30, 2009 a site walk was held for all interested bidders. Four (4) firms attended. Bids were received on October 7, 2009. Four (4) firms submitted bids ranging from \$152,750 to \$157,658. Of the four (4) bids received, none of the firms were Certified M/W/ESB or FOTA, however all firms were local. The lowest responsive bidder was Curtis Restaurant Equipment of Tualatin, Oregon for the amount of \$152,750.

FISCAL IMPACT: This Project was budgeted at \$220,000 which is sufficient to cover the bid amount.

RECOMMENDATION: Staff recommends that the Metropolitan Exposition-Recreation Commission accept Curtis Restaurant Equipment as the lowest bidder and authorize the MERC Interim General Manager to become signatory to a Contract with Curtis Restaurant Equipment in the amount of \$152,750 for the dishwasher and scrapper table at the Oregon Convention Center.



METROPOLITAN EXPOSITION
RECREATION COMMISSION

A SERVICE OF METRO

Goods & Supplies Contract

For Public Contracts Greater than \$50,000

Contract No. _____

This Contract is entered into between Metropolitan Exposition-Recreation Commission ("MERC"), whose address is 777 NE Martin Luther King, Jr. Blvd., Portland, Oregon 97232-2742, and **Curtis Restaurant Equipment, Inc. - (CCB #70780)** whose address is **10655 SW Manhasset Dr, Tualatin, OR 97062**, hereinafter referred to as the "CONTRACTOR." Contact is for work to be performed at the Oregon Convention Center, located at 777 NE MLK Jr. Blvd, Portland, OR 97232.

TERM OF CONTRACT

The term of this Contract shall be for the period commencing **November 4, 2009**, through and including, **February 28, 2010**, with substantial completion by December 24, 2009 unless terminated or extended as provided in this Contract.

CONTRACT SUM AND TERMS OF PAYMENT

MERC shall compensate the CONTRACTOR for goods or services supplied as described in the Scope of Work. MERC shall not be responsible for payment of any materials or services, expenses or costs other than those which are specifically included in Scope of Work in an amount not to exceed (written amount) **One Hundred Fifty-Two Thousand, Seven Hundred Fifty dollars and no/100 (\$152,750.00)**. Payment shall be on a unit price only for those goods or services received in a condition or manner acceptable to MERC. CONTRACTOR'S invoice shall include an itemized statement of items purchased or services provided, and shall be sent to MERC, Attention: Accounts Payable, 777 NE Martin Luther King, Jr. Blvd., Portland, Oregon 97232-2742. MERC will pay Contractor within 30 days of receipt of an approved invoice.

SCOPE OF WORK

Scope of work includes all labor, equipment and materials complete work as specified below and as per Curtis Restaurant Equipment Quote #JB1117, dated October 16, 2009 (Attachment "A"), and as per OCC - Dishwasher/Scrapper Table RFB Documents.

Contractor shall provide all services and materials necessary to complete the work described below in a professional manner, in compliance with applicable building codes and per industry standards and practices as specified below which is incorporated into this Agreement by reference. All services and materials shall be provided by CONTRACTOR in accordance with the Scope of Work in a competent and professional manner and be completed in compliance with the Owner's schedule. Contractor may be subject to liquidated damages if work not in compliance with Contractor's quote (*Attachment "A"*) and Contract Agreement.

Contractor to provide and install a new Hobart Model FT924D Dual Rinse Dishwasher and an Aerowerks SBC/ST Soiled Breakdown System; and a Salvajor S419 Trough Collector. Dishwasher and scrapper table are to be installed in the dishroom of the kitchen area of the Oregon Convention Center. Dishroom is located on the east side of the building on the first floor. Equipment can be delivered to the Oregon Convention Center prior to installation if scheduled with the venue staff. Dishwasher and scrapper table will be set in place and commissioned by a factory certified installer. Location of dishwasher and scrapper table in room is to be per Attachment "B". Final utility connections will be made by licensed trade professionals provided by OCC. Scheduling of utility connection to be coordinated with MERC Project Manager.

Additional Requirements

CONTRACTOR must provide to MERC:

- **A written Workplace Safety Program and Drug Policy prior to start of Work.**
- **A copy of Contractor's Certificate of Insurance as specified in Article III below.**
- **A copy of Contractor's W-9**

- A written Work Schedule to be approved by Owner 48 hours prior to start of work. Work must be performed without causing any disruptions to scheduled events. The Owner will make every effort to keep construction areas off limits to the public to accommodate the Contractor's work plan.

Contractor must coordinate all work with MERC Project Manager.

Installation will be scheduled in accordance with the building's events schedule. Building events schedule will be provided as a part of this contract along with areas open for contractor work and availability. A formal project schedule is to be provided by the Contractor in accordance with the building event schedule and coordinated with the Project Manager prior to the start of any work. Due to the nature of the Public Events Facility Industry, it will be necessary for the contractor to work closely with the Project Manager to coordinate day-to-day logistical requirements for the benefit of the Contractor and to afford Owner staff the necessary time to perform event or non-event related functions. Owner will provide Contractor access to all areas as necessary to complete the work and access to on-site parking. Contractor shall be responsible for all of Contractor's equipment, tools and materials at all times, Owner shall not be held responsible for any theft.

Contractor shall coordinate all work with MERC Project Manager and schedule his work so as to minimize any disruption to the ongoing operations of the Oregon Convention Center. Generally, Contractor will be able to conduct work activities at any time as long as those activities do not impact or impede events in progress by noise, dust or construction material blocking access routes to events or facilities. Specific utilization of the areas on a day-to-day basis will be coordinated by the Project Manager or his designee and the Contractor Representative. Contractor will be working in an occupied functioning building and could expect to perform work in some areas prior to the building opening at 8:00 AM. It may be possible for the Contractor to work on weekends if the area is available and scheduled with the owner in advance and at no additional cost to the Owner. Safety for Contractor as well as general public and staff is a major concern. Contractor is to coordinate work with Project Manager and building staff and be prepared to section off and sign work areas as appropriate.

ALL TERMS ON THE REVERSE SIDE OF THIS DOCUMENT AND OTHER PROCUREMENT DOCUMENTS ARE HEREBY INCORPORATED AS PART OF THIS CONTRACT.

CONTRACTOR

Signature: _____
 Printed Name _____
 Date: _____
 Company: Curtis Restaurant Equipment, Inc.
 Address: 10655 SW Manhasset Dr
Tualatin, OR 97062
 Telephone/Fax: 503-691-1872/503-691-9806
 Tax I.D. or SS#: _____
 CCB # CCB #130936

METROPOLITAN EXPOSITION-RECREATION COMMISSION

Signature: _____
 Printed Name _____
 Date: _____
 Title: _____
 Signature: _____
 Printed Name Heather Peck
 Title: Division Manager
 Division: Construction/Capital Projects
 Project Manager: Josh Lipscomb
 Telephone/Fax: 503-731-7947 / 503-731-7870

Copy 1 – MERC Contracts

Copy 2 – Facility

Copy 3 – Contractor

THE PARTIES AGREE AS FOLLOWS:

ARTICLE I: LIABILITY AND INDEMNITY

CONTRACTOR is an independent contractor and assumes full responsibility for its performance and assumes full responsibility for all liability for bodily injury or physical damage to persons or property arising out of or related to this Contract. Contractor shall indemnify, defend and hold harmless MERC, its appointed officials, officers, employees and agents, from any and all claims, demands, damages, actions, losses, and expenses, including attorney's fees, whether before the commencement of litigation at trial or on appeal, arising out of or in any way connected with its performance of this Contract. CONTRACTOR is solely responsible for paying CONTRACTOR's subcontractors and nothing contained herein shall create or be construed to create any contractual relationship between any subcontractor(s) and MERC. CONTRACTOR is solely responsible for the acts and omissions of its agents, employees, subcontractors, and/or representatives and for all claims.

ARTICLE II: TERMINATION

MERC may terminate this Contract upon giving CONTRACTOR seven (7) days' written notice. In the event of termination, CONTRACTOR shall be entitled to payment for goods received prior to the date of termination. MERC shall not be liable for any indirect or consequential damages, or any other damages whatsoever. Termination by MERC shall not waive any claim or remedies it may have against CONTRACTOR.

ARTICLE III: INSURANCE

CONTRACTOR shall purchase and maintain at CONTRACTOR's expense the following types of insurance covering the CONTRACTOR, its employees and agents. Insurance coverage shall be a minimum of \$1,000,000 per occurrence.

- A. Broad form comprehensive general liability insurance covering personal injury, property damage, and bodily injury with automatic coverage for premises and operation and product liability. The policy must be endorsed with contractual liability coverage. MERC, its appointed officials, departments, employees, and agents shall be named as an ADDITIONAL INSURED.
- B. Automobile bodily injury and property damage liability insurance. MERC, its appointed officials, departments, employees, and agents shall be named as an ADDITIONAL INSURED.

This insurance as well as all Workers' Compensation coverage for compliance with ORS 656.017 must cover CONTRACTOR'S operations under this Contract, whether such operations are by CONTRACTOR or by any subcontractor or anyone directly or indirectly employed by either of them.

CONTRACTOR shall provide MERC with a certificate of insurance complying with this article and naming MERC as an additional insured within fifteen (15) days of execution of this Contract or twenty-four (24) hours before services under this Contract commence, whichever date is earlier. Notice of any material change or policy cancellation shall be provided to MERC thirty days (30) prior to the change.

ARTICLE IV: PUBLIC CONTRACTS

All applicable provisions of ORS Chapters 187 and 279A & B, and all other terms and conditions necessary to be inserted into public contracts in the State of Oregon, are hereby incorporated as if such provision were a part of this Agreement including, but not limited to, ORS 279B.220 to 279B.235.

For public work subject to ORS 279C.800 to 279C.870, the contractor shall pay Prevailing Wage Rates as per the *Oregon Bureau of Labor and Industries (BOLI) "Prevailing Wage Rates for Public Contract Works Contracts in Oregon - Effective July 1, 2009"*, pursuant to the administrative rules established by the Commissioner of Labor and Industries. Contractor must provide a written schedule to employees showing the number of hours per day and days per week the employee may be required to work; and must pay daily, weekly, weekend and holiday overtime in accordance with, and as required by ORS 279C.520. Contractors must promptly pay, as due, all persons supplying to such contractor labor or material used in this contract. If the contractor fails to pay for labor or services, the contracting agency can pay and withhold these amounts due the contractor. Additionally, if the contractor or first-tier subcontractor fails, neglects, or refuses to make payment to a person furnishing labor or materials in connection with the public contract for a public improvement within 30 days after receipt of payment from the public contracting agency or a contractor, the contractor or first-tier subcontractor shall owe the person the amount due plus shall pay interest in accordance with ORS 279C.515. If the contractor or first-tier subcontractor fails, neglects, or refuses to make payment, to a person furnishing labor or materials in connection with the public contract, the person may file a complaint with the Construction Contractors Board, unless payment is subject to a good faith dispute as defined in ORS 279C.580. Contractor must promptly pay for any medical services they have agreed to pay in accordance with ORS 279C.530. Contractor must pay any and all contributions and amounts due to the Industrial Accident Fund from contractor or subcontractor and incurred in the performance of the contract.

Contractor and every subcontractor must have a Public Works Bond filed with the Construction Contractors Board prior to starting work on the Contract, unless exempt, in accordance with ORS 279C.830(3). Contractors are required to pay the Department of Revenue all sums withheld from employees pursuant to ORS 316.167.

No liens or claims are permitted to be filed against MERC on account of any labor or material furnished.

CONTRACTOR shall meet MERC Bonds and Bid Security requirements as follows:

1. Bid Security not exceeding 10 percent of the amount bid for the contract is required unless the contract is for \$50,000 or less.
2. For public improvements, a labor and material bond and a performance bond, both in the amount equal to 100 percent of the contract price are required for contracts over \$50,000.
3. Bid security, labor and material bond and performance bond may be required even though a contract is of a class not identified above, if the General Manager determines it is in the public interest.

CONTRACTOR shall meet the Metro "Good Faith Efforts" Requirement for Construction Projects as below:

For construction contracts of \$100,000 or more, the Commission adopts in principle, policy, and content, the "Good Faith Effort" program established by Metro Code§ 2.04.100 through 2.04.190 (Metro Minority Business Enterprise, Women Owned Business, and Emerging Small Business Program) as they apply to contracts of the Commission. This adoption includes any and all ordinances subsequently adopted by the Metro Council relating to Metro's Minority Business Enterprise, Women Owned Business and Emerging Small Business Program. The General Manager shall designate MERC staff to perform the functions of the Liaison Officer to carry out the MBE/WBE/ESB program as it relates to MERC contracting activities.

For public improvement work all contractors must demonstrate that an employee drug-testing program is in place.

ARTICLE V: QUALITY OF GOODS AND SERVICES

Unless otherwise specified, all materials shall be new and both workmanship and materials shall be of the highest quality. All workers and subcontractors shall be skilled in their trades. CONTRACTOR guarantees all work against defects in material or workmanship for a period of one (1) year from the date of acceptance or final payment by MERC, whichever is later. All guarantees and warranties of goods furnished to CONTRACTOR or subcontractors by any manufacturer or supplier shall be deemed to run to the benefit of MERC.

In addition to any express warranties provided by the CONTRACTOR, all implied warranties covered by ORS Chapter 72 shall apply to any goods provided under this Contract, and are hereby expressly not disclaimed.

ARTICLE VI: SAFETY

If services of any nature are to be performed in connection with the provision of goods pursuant to this Contract, CONTRACTOR shall take all necessary precautions for the safety of employees and others in the vicinity of the services being performed and shall comply with all applicable provisions of federal, state and local safety laws and building codes, including the acquisition of any required permits. All applicable Material Safety Data (MSD) sheets shall accompany the goods.

ARTICLE VII: RIGHT TO WITHHOLD PAYMENTS

MERC shall have the right to withhold from payments due CONTRACTOR such sums as necessary, in MERC's sole opinion, to protect MERC against any loss, damage or claim which may result from CONTRACTOR's performance or failure to perform under this agreement or the failure of CONTRACTOR to make proper payment to any suppliers or subcontractors.

If a liquidated damages provision is contained in the Scope of Work and if CONTRACTOR has, in MERC's opinion, violated that provision, MERC shall have the right to withhold from payments due CONTRACTOR such sums as shall satisfy that provision. All sums withheld by MERC under this Article shall become the property of MERC and CONTRACTOR shall have no right to such sums to the extent that CONTRACTOR has breached this Contract.

ARTICLE VIII: COMPLIANCE

CONTRACTOR shall comply with federal, state, and local laws, statutes, and ordinances related to the execution of the work. This requirement includes, but is not limited to, non-discrimination, safety and health, environmental protection, waste reduction and recycling, fire protection, permits, fees and similar subjects.

ARTICLE IX: OWNERSHIP OF DOCUMENTS

Unless otherwise provided herein, all documents, instruments and media of any nature produced by Contractor pursuant to this agreement are Work Products and are the property of MERC, including but not limited to: drawings, specifications, reports, scientific or theoretical modeling, electronic media, computer software created or altered specifically for the purpose of completing the Scope of Work, works of art and photographs. Unless otherwise provided herein, upon MERC request, Contractor shall promptly provide MERC with an electronic version of all Work Products that have been produced or recorded in electronic media. MERC and Contractor agree that all work Products are works made for hire and Contractor hereby conveys, transfers, and grants to MERC all rights of reproduction and the copyright to all such Work Products.

ARTICLE X: INTEGRATION OF CONTRACT DOCUMENTS

All of the provisions of any bidding documents including, but not limited to, the Advertisement for Bids, General and Special Instructions to Bidders, Proposal, Scope of Work, and Specifications which were utilized in conjunction with the bidding of this Contract are hereby expressly incorporated by reference. Otherwise, this Contract represents the entire and integrated agreement between MERC and CONTRACTOR and supersedes all prior negotiations, representations or agreements, either written or oral. This Contract may be amended

only by written instrument signed by both MERC and CONTRACTOR. The law of the state of Oregon shall govern the construction and interpretation of this Contract.

ARTICLE XI: ASSIGNMENT

CONTRACTOR shall not assign any rights or obligations under or arising from this Contract without prior written consent from MERC, which consent shall not be unreasonable withheld.



OCT 16,2009

QUOTATION

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 JB1117

Project:
 MERC Capital Construction Div.
 Oregon Convention Center
 777 NE MLK Jr. Blvd.
 Portland, OR 97232-0000
 (503) 731-7927

From:
 Jerry Bunn
 Curtis Rest. Equip. -Tualatin
 10655 SW Manhasset Dr.
 Tualatin, OR 97062
 (503) 691-1872 x104 Fax: (503) 691-9806

To:
 Josh Lipscomb
 MERC Capital/Construction Div.
 Oregon Convention Center
 777 NE MLK Jr. Blvd.
 Portland, OR 97232
 (503) 731-7947

Important to verify all electrical voltages before ordering equipment

Item	Qty	Description	Sell Each	Sell Total
1	1 ea	DISHWASHER, FLIGHT TYPE Hobart Model No. FT900D+BUILDUP Flight Type Continuous Racking Automatic Conveyor Dishwasher, up to 14,316 dishes/hour, 90 gallon/hour w/Opti-Rinse, S/S Pumps and impellers, Variable Speed Conveyor, Insulated Doors, No Int. Piping, Controls at Both Ends		
	1 ea	FT900D-ELE0CD 480/60/3 Hobart Model No. ELE0CD480/60/3 ELE0CD 480/60/3		
	1 ea	FT900D-HTEELE ELECTRIC HEAT 62 KW Hobart Model No. HTEELE ELEC HEAT HTEELE Electric Heat 62 KW	1,525.00	1,525.00

Curtis Rest. Equip. -Tualatin

OCT 16,2009

MERCCapitalConstruction Div.

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Item	Qty	Description	Sell Each	Sell Total
	1 ea	FT900D-PRS0NO W/O STM PRESSURE Hobart Model No. PRS0NO W/O STM PRS0NO W/o Stm Pressure		
	1 ea	FT900D-VLV0NO W/O ELECTRICALLY OPER VALVE Hobart Model No. VLV0NO VLV0NO Electrically Oper Valve		
	1 ea	FT900D-DIR0RL RIGHT TO LEFT OPERATION Hobart Model No. DIR0RL DIR0RL Right to Left Operation		
	1 ea	FT900D-LDS005 5' LOAD SECTION Hobart Model No. LDS005 5" LOAD LDS005' Load Section	15,439.00	15,439.00
	23 ea	BASIC ASSEMBLY FEE FOR FT900D Hobart Model No. ASSEMBLE FEE Basic Assembly Fee for FT900D--Note-If the customr location is beyond 50 miles of the local Hobart office, please contact the Branch Manager or Agenf for more specific quote. Any additional training required by the Customer for Flight-Type assembly will be at an additional charge to the customer	70.00	1,610.00
	1 ea	FT900D-CTRSTD 8' CENTER SECTION Hobart Model No. CTRSTD 8' CENTER CTRSTD 8' Center Section	37,055.00	37,055.00
	1 ea	FT900D-UNL11S 11' UNLOAD SECTION-SPLIT Hobart Model No. UNL11S 11' UNLD UNL11S 11' Unload Section-Split	28,213.00	28,213.00
	1 ea	FT900D-HGTSTD STD HEIGHT Hobart Model No. HGTSTD STD HT HGTSTD standard Height		
	1 ea	FT900D-DRY0NO W/O BLOWER DRYER Hobart Model No. DRY0NO W/O BLDRY DRY0NO w/o Blower Dryer		
	1 ea	FT900D-PTC0NO W/O PREWASH TEMP CONTROL Hobart Model No. PTC0NO W/O PREW PTC0NO w/o Prewash Temp Control		
	1 ea	FT900D-DRN0LD DRAIN TO LOAD SECTION Hobart Model No. DRN0LD DRAIN DRN0LD Drain to Load Section		

Curtis Rest. Equip. -Tualatin

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JB1117

Item	Qty	Description	Sell Each	Sell Total
	1 ea	FT900D-DORHNG HINGED DOORS Hobart Model No. DORHNG HING DOOR DORHNG Hinged Doors		
	1 ea	FT900D-BST024 24 KW ELECTRIC BOOSTER Hobart Model No. BST024 BOOSTER BST024 24 KW Electric Booster	4,330.00	4,330.00
	1 ea	FT900D-CBREHN CKT BKR, ELEC, HI V, W/O BD Hobart Model No. CBREHN CKT BKR CBREHN ckt bkr, Elec, Hi v, w/o BD	4,584.00	4,584.00
	1 ea	FT900D-CNVTBB TYPE BB CONVEYOR Hobart Model No. CNVTBB CONVEYOR CNVTBB Type BB Conveyor		
		1. Salvajor S419 Collector quoted seperately 2. Seperate quote for field connections and install of Trough Collector to Aerowerks Trough. Seperate quote to install gusher nozzles. 3. Aerowerks Conveyor to be quote seperately.		
2	1 ea	BREAKDOWN TABLE PER DRAWING P082343-01 REV C Aerowerks Model No. P082343-01REVC Soiled Breakdown table per drawing P082343-01 Rev C to include: A. Soiled Dishtable, c/w waste trough, perforated s/s ledges, hip switches, hose clean up station, electrical control panel and flange cutout for Salvajor waste collector-Qty 1 B. double Slant Belt Dishwasre Accumulation Conveyor, model Aerowerks SBC, c/w remote start/strop station and accumulation swithc-Qty 1 C. Undercounter Mobile Soak Sink-Qty 2	43,410.00	43,410.00
	1 lt	FREIGHT Aerowerks Model No. FREIGHT Freight. Equipment to be shipped LTL gound with one drop point at OCC.	1,818.00	1,818.00
	1 lt	INSTALL AEROWERKS BREAKDOWN TABLE Aerowerks Model No. INSTALL AEROWERK Install Aerowerks Breakdown Table: A. Install portion of this equipment is based on one field joint B. Aerowerks Factory Technicina will arrive at jobsite to field weld, polish and interconnect Aerowerks equipment. This will cover all inter electrical and plumbing connection of Aerowerks componets. C. Does not include Electrical and plumbing connections from and to building	3,838.00	3,838.00

Curtis Rest. Equip. -Tualatin

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MERCCapitalConstruction Div.

Item	Qty	Description	Sell Each	Sell Total
3	1 ea	 COLLECTOR/SCRAPPER, FOOD WASTE Salvajor Model No. S419 Trough Collector, trough conveyor & collecting system (widely accepted in areas where disposers are restricted), w/trough diffuser, salvage basin & silverware trap, 3/4 HP corrosion-resistant pump, stainless steel construction, start/stop pushbutton control panel, w/safety line disconnect 1 208v/60hz/3-ph, 3.2 amps	5,099.00	5,099.00
	3 ea	988001 Gusher head assembly for TVL, TVR and S419	103.00	309.00
		Extended Total for Item No. 3		5,408.00
4	1 It	INSTALL HOBART FT924D, AEROWERKS, & SALVAJOR Pacific Stainless Products Model No. INSTALLATION Have specified Hobart, Aerowers, and Salvajor Collector delivered to Oregon Convention Center prior to install dates of December 21-24. Provide, at prevailing wages, labor to uncrate and set in place all equipment. Local Hobart office to install the dishwasher and Aerowerks to install the clean and soiled dishtables with utility connections by OCC/MERC. Includes removing all dunnage from site.	2,525.00	2,525.00
5	1 ea	BOND Curtis Rest. Equipment Model No. BOND Performance Bond Through Curtis Restaurant Equipment Company	2,995.00	2,995.00
			Total	152,750.00
			Grand Total	152,750.00

Acceptance: _____

Date: _____

Curtis Rest. Equip. -Tualatin

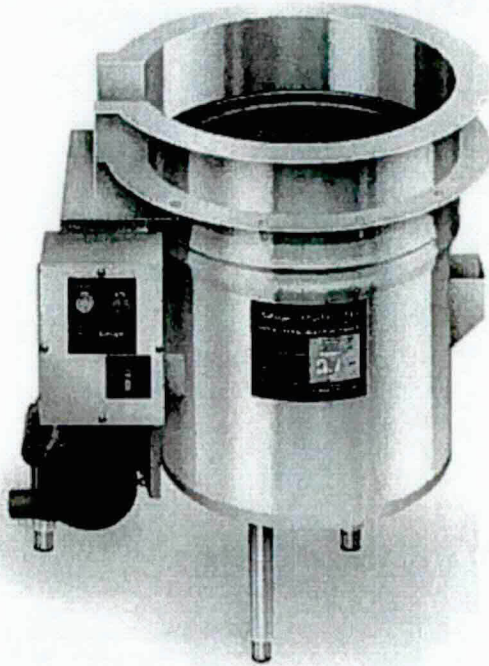


Job: _____ Item No.: _____

Trough Collector Model S419

A Trough Conveying and Food Waste Collecting System

*Widely accepted in areas that restrict
the use of food waste disposers.*



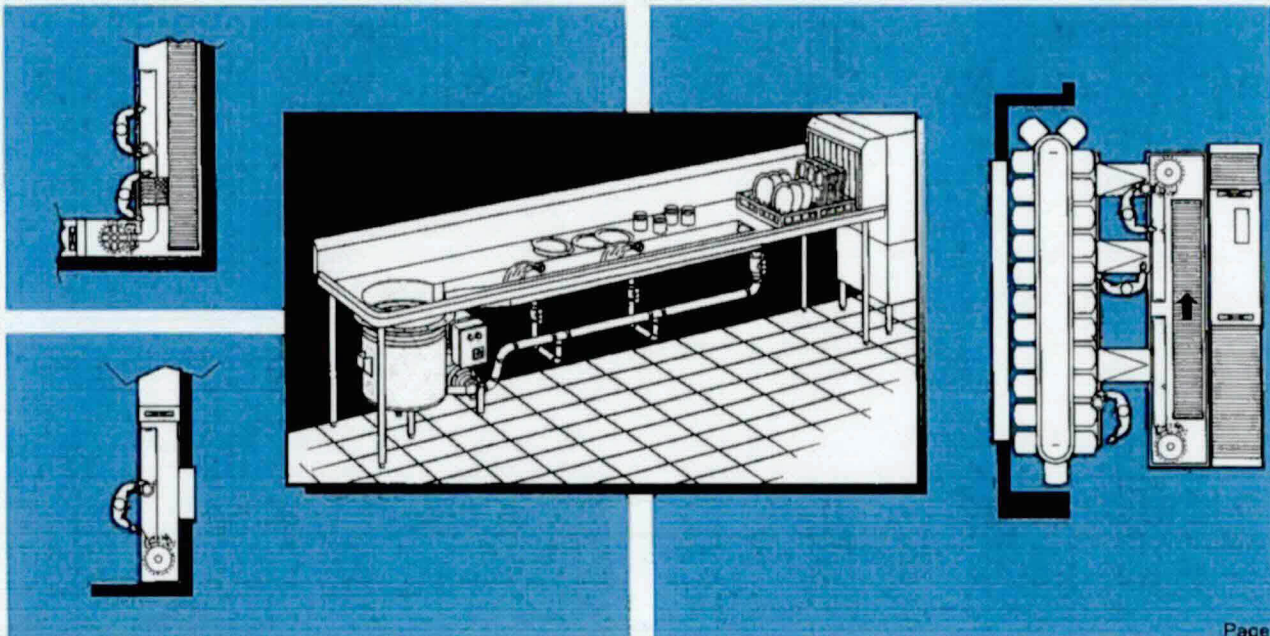
Recirculated Water used for scrapping typically reduces water and sewer costs dramatically. The Trough Collector consumes only 2 gallons of new water per minute.

Trough Water Velocity with the Trough Collector is 70 gallons per minute. This velocity swiftly propels food waste down the trough and into the Collector with no additional hand movement, leaving both hands free for high-volume scrapping. The Trough Collector will let you keep up with large conveyor or flight dishmachines.

Design Flexibility is offered by the Collector as troughs can turn one or more corners and have wider troughs for soaking problem dishes.

Wider and Longer Troughs can be designed because of the Collectors high water velocity which allows you to soak problem dishes or add gusher heads to pre-rinse compartmental trays.

TYPICAL INSTALLATIONS



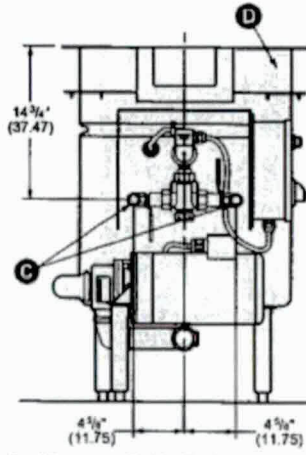
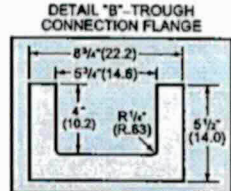
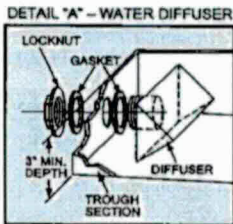
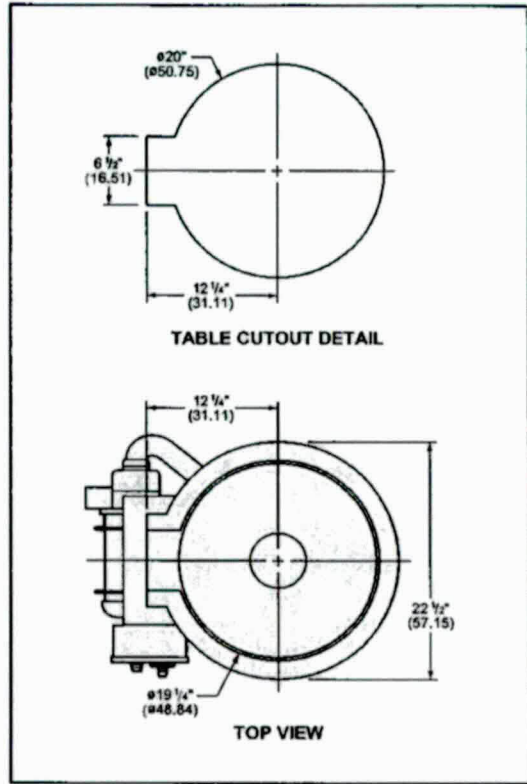
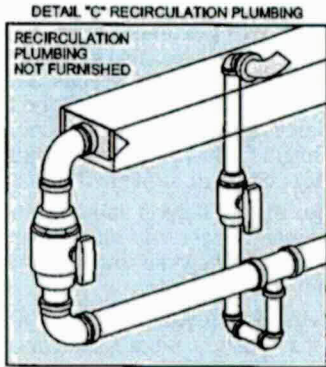
OCC
Dishwasher/Scraper Table Project



Trough Collector Model S419

Trough Collector Legend

- A** Tank drain 2" NPT
- B** 1/2" conduit knockout electrical connection
- C** Hot/cold shutoff valves 1/2" NPT
- D** Removable Top



WATER DIFFUSER FURNISHED. 2" DIA. HOLE REQUIRED IN BACK OF TROUGH. (SEE DETAIL "A")

3/4" PIPE AND VALVE (SEE DETAIL "C")

SCRAP BASKET DIMENSIONS
18 3/4" Dia. x 13 1/2" High
(47.2) Dia. x (33.7) High

ONE BASKET PROVIDED WITH UNIT
Additional basket recommended at additional cost

22" (55.88) MINIMUM CLEARANCE OVERHEAD FOR BASKET REMOVAL

WE SUGGEST THE USE OF RUBBER GUSHER HEADS ALONG THE TROUGH FOR SCRAPPING AND PRE-FLUSHING. (OPTIONAL AT ADDITIONAL COST)

FABRICATED TROUGH (NOT FURNISHED), MUST HAVE MATCHING FLANGE TO ATTACH TO MODEL S419. (SEE DETAIL "B")

CONTROL PANEL CAN BE MOUNTED ON LEFT OR RIGHT

TROUGH CONNECTION (SEE DETAIL "B")

1 1/2" PLUMBING FITTINGS AND VALVE (SEE DETAIL "C")

AIR GAP

32 7/8" (83.43) ADJUSTABLE TO 36 7/8" (92.55)

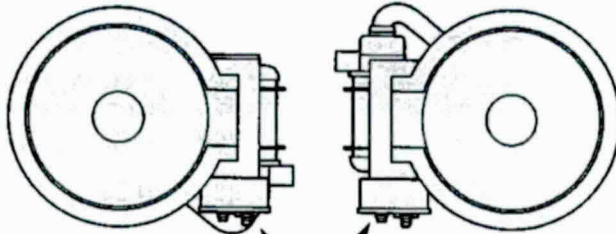
17 1/4" (43.42) 2 1/8" (6.69)

OCC Dishwasher/Scraper

FRONT VIEW

ATTACHMENT A

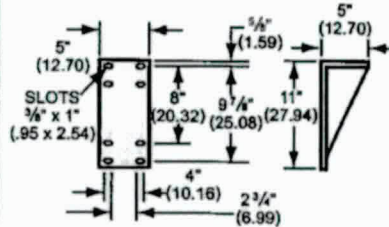
Salvajor Trough Collector Model S419



MSS-LD Control

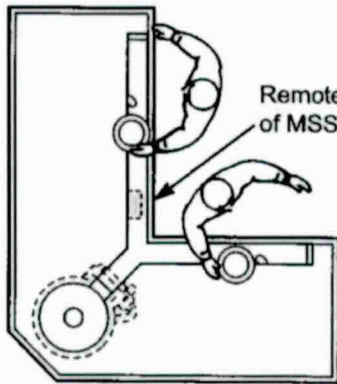
The MSS-LD control can be mounted on either side of the Collector with existing fasteners, mounting holes and wiring for left or right hand operation.

#980104
MSS-LD
Mounting
Bracket



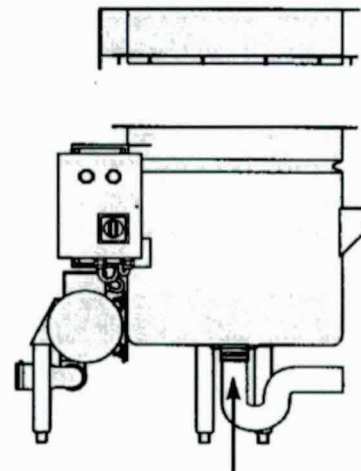
The control can be mounted remotely using optional mounting bracket.

Note: additional field wiring is necessary.



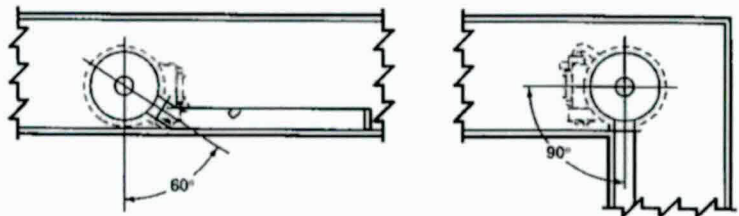
Remote Mounting of MSS-LD Control

Upon request, the Collector top may be shipped separately to an alternate location for fabrication.



2" TANK DRAIN
(Piping not furnished)

ALL CONNECTIONS ARE TO BE MADE BY QUALIFIED PERSONNEL WHO WILL OBSERVE ALL LOCAL AND NATIONAL CODES.



The Trough Collector top can be rotated in 15 degree increments to ease common installations as well as improve design flexibility without the need of costly tank modifications.

NOTE: Dimensions in parenthesis are in centimeters

Salvajor Trough Collector

MODEL S419

S P E C I F I C A T I O N S

CONSTRUCTION

- Tank - 2 Piece Stainless Steel
- Adjustable Legs - Stainless Steel
- Control Panel - Stainless Steel
- Salvage Basin - High Impact Polymer
- Scrap Basket - High Impact Polymer

ELECTRICAL

- Pre-wired NEMA 4 Control Panel
- Watertight Conduit/Fittings
- Separate Component Grounding
- Thermally Protected Motor
- Safety Line Disconnect

PLUMBING

- Corrosion Resistant Components
- Automatic Water Blender
- Solenoid Valve
- Unions
- Check Valves
- Incoming Water Valves
- Non-clogging Pump Design
- Backflow Prevention Device

OPTIONS

- Remote Start-Stop
- Remote Mounting Bracket
- Prison Package
- MSS-LD Mounting Bracket
- Additional Scrap Basket

VOLTAGES AVAILABLE

(SPECIFY EXACT OPERATING VOLTAGE)

- 115V 208V 230V, 60 Cycle, 1 Phase
- 208V 230V 460V, 60 Cycle, 3 Phase

Pump Motor 3/4 HP

FULL LOAD AMPS

(SPECIFY EXACT OPERATING VOLTAGE)

1 PHASE			3 PHASE		
115V	208V	230V	208V	230V	460V
11	5.5	5.5	3.2	3	1.5

UTILITIES REQUIRED

1. Electric service
2. 3/4" hot and cold water supply and reduce to 1/2" at connection.
3. 2" tank drain.

(Specifications subject to change without notice.)

SAMPLE SPECIFICATIONS

Unit shall be a Salvajor Trough Collector, a complete scrapping, pre-flushing and food waste collecting system with recirculating water as manufactured by Salvajor.

Model S419 Trough Collector

___ Volts, 60Hz, ___ Phase.

Furnished with a pre-wired control panel and stainless steel NEMA 4 watertight enclosure.



The Salvajor Company

4530 East 75th Terrace Kansas City, Missouri 64132-2081, USA

OCC

1-800-821-3136

(816) 363-1030

FAX: 1-800-832-9373

Dishwasher/Scrapper Table www.salvajor.com

Email: sales@salvajor.com

service@salvajor.com

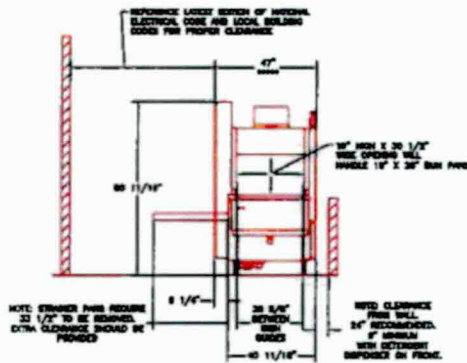
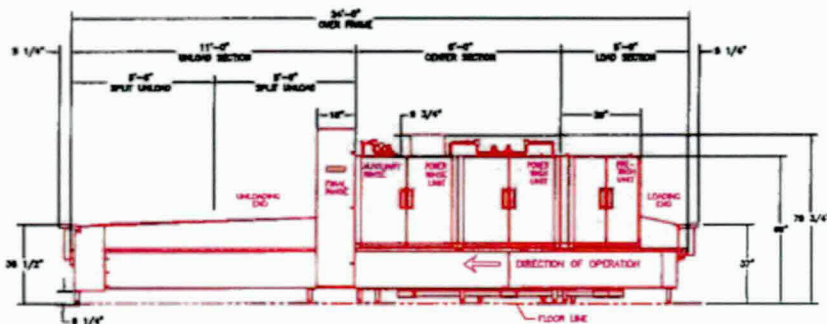
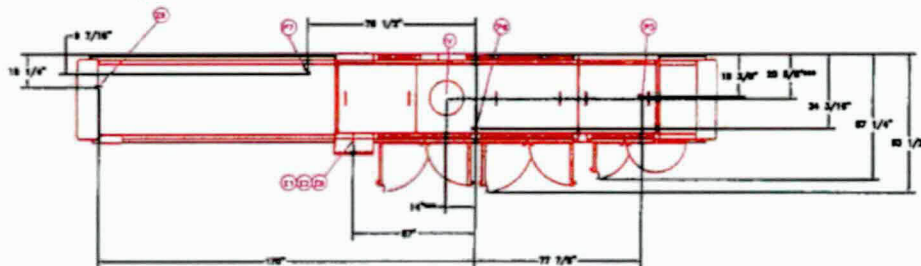
Manufacturers of Commercial Food Waste Disposing Systems since 1944

Page 8 of 8
November 4, 2009

Printed in USA
Form No. S419-S-BH

ATTACHMENT B

- LEGEND:** NY - ABOVE FINISH FLOOR
- D1 ELECTRIC CONNECTION (RECEPT AND BRACE FLEXIBLE UNOBTAINABLE VOLTAGE 1/2" CONDUIT 78-1/8" AFF.
 - D2 ELECTRIC CONNECTION, VENT FAN CONTROL SWITCH (CONDUIT) 1/2" CONDUIT, 79-1/8" AFF.
 - D3 ELECTRIC CONNECTION, ELECTRIC TAPE HEAT, MOTOR, CONTROLS AND ALUMINUM TAPE TAPE HEAT (WITH CIRCUIT BREAKERS), 2" CONDUIT, 78-1/8" AFF.
 - D4 ELECTRIC CONNECTION, 24.0 KW ELECTRIC BOOSTER, 2" CONDUIT, 24.0 KW WITH NY CIRCUIT BREAKER 18-1/4" AFF.
 - D5 COACHMAN DOWN CONNECTION, DOWN TO LOAD END, 2" PPH, 6-1/2" AFF.
 - D6 COACHMAN HOT WATER CONNECTION (GASTROWARE FULL) ELECTRIC BOOSTER 1" PPH, 14" BOXER MOUNTING, 7-1/2" AFF.
 - D7 HOT WATER HEATER HEAT, ELECTRIC BOOSTER, MUST BE PIPED TO OPEN DRAIN RECOVER IN THE FLOOR, 3/4" PPH, 6-1/2" AFF.
 - D8 CUSTOMER'S VENT CONNECTION, MUST FIT HOSE 18" DIAMETER VENT STACK, 750 CFM (4" EXHAUST AIR CONNECTION) EXHAUST REQUIRED, 78-1/8" AFF.



CIRCUIT BREAKER			
POLARIZED, MOTOR, CONTROLS, TAPE HEAT AND ALUMINUM TAPE TAPE HEAT			
ONE (1) SERVICE CONNECTION AS SHOWN BELOW			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
480/207.3	125.0	135	125

24.0 KW BOOSTER WITH CIRCUIT BREAKER			
(1) SERVICE CONNECTION AS SHOWN BELOW			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
480/207.3	36.8	45	45

WARNING:

ELECTRICAL AND PLUMBING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER ELECTRICAL CODES.

BOILER ROOM TEMPERATURE MUST BE 80°F.

PLUMBING CONNECTIONS MUST COMPLY WITH APPLICABLE SANITARY, SAFETY, AND PLUMBING CODES.

GENERAL NOTES:

WITH BRACE PANEL AND END CAPS REMOVED, CONTROL PANEL, HEAT EXCHANGER AND ALL BRACE PANELS REMOVED, OVERALL WIDTH OF MACHINE IS 38-1/4\"

FOR DIMENSIONS WHEN CLEANING, CUSTOMER SHOULD INITIAL UNDER THE HEAT EXCHANGER WITH 38 FT. OF HEAVY DUTY HOSE WITH BRACKET VALUE.

ALL DIMENSIONS UNLESS FROM THE FLOOR LINE UNLESS OTHERWISE NOTED. 3/4\"

RECOMMENDED BRACE PANELS TO BE 2 INCHES OR LESS PER BRANCH FOR BEST RESULTS.

THIS DRAWING IS SUPPLIED AS A REFERENCE FOR CONNECTION INFORMATION ONLY. IT WILL NOT BE USED FOR MANUFACTURING OF UNIT.

- *** THE CONTROL BOX IS ATTACHED TO THE CENTER SECTION, AND THE CONTROL BOX IS COVERED BY BRACES PLUMBING THE CENTER SECTION TO FIT THROUGH A 42\"
- *** WATER HEATER HEREFOR SECTION 480-1910 DIMENSIONS OF EQUIPMENT TO BE SUPPLIED BY OTHER UNLESS SPECIFIC OTHERWISE IN FPM, BRACE WATER SUPPLY LINE AT SERVICE CONNECTION.
- *** THIS DIMENSION IS SUBJECT TO NORMAL SHEET METAL TOLERANCES.
- *** RECOMMENDED BRACE PLUMBING UNDER PRESSURE TO THE DIMENSION IS 30-38 PPH. IF PROVIDED UNDER THIS IS P.H. AND PRESSURE 1 PRESSURE EQUIPMENT MUST BE SUPPLIED WITH FURNISH, THERMAL EXPANSION BRACE, MUST BE SUPPLIED (BY OTHER) IN THE WATER LINE TO THE DIMENSION.
- NOTE FOR STEAM HEATED UNITS IF STEAM PRESSURE IS UNDER 15 P.S.I. AT THE DIMENSION, CONTACT TROWEN, SUPPORT GROUP AT 333-333-0718

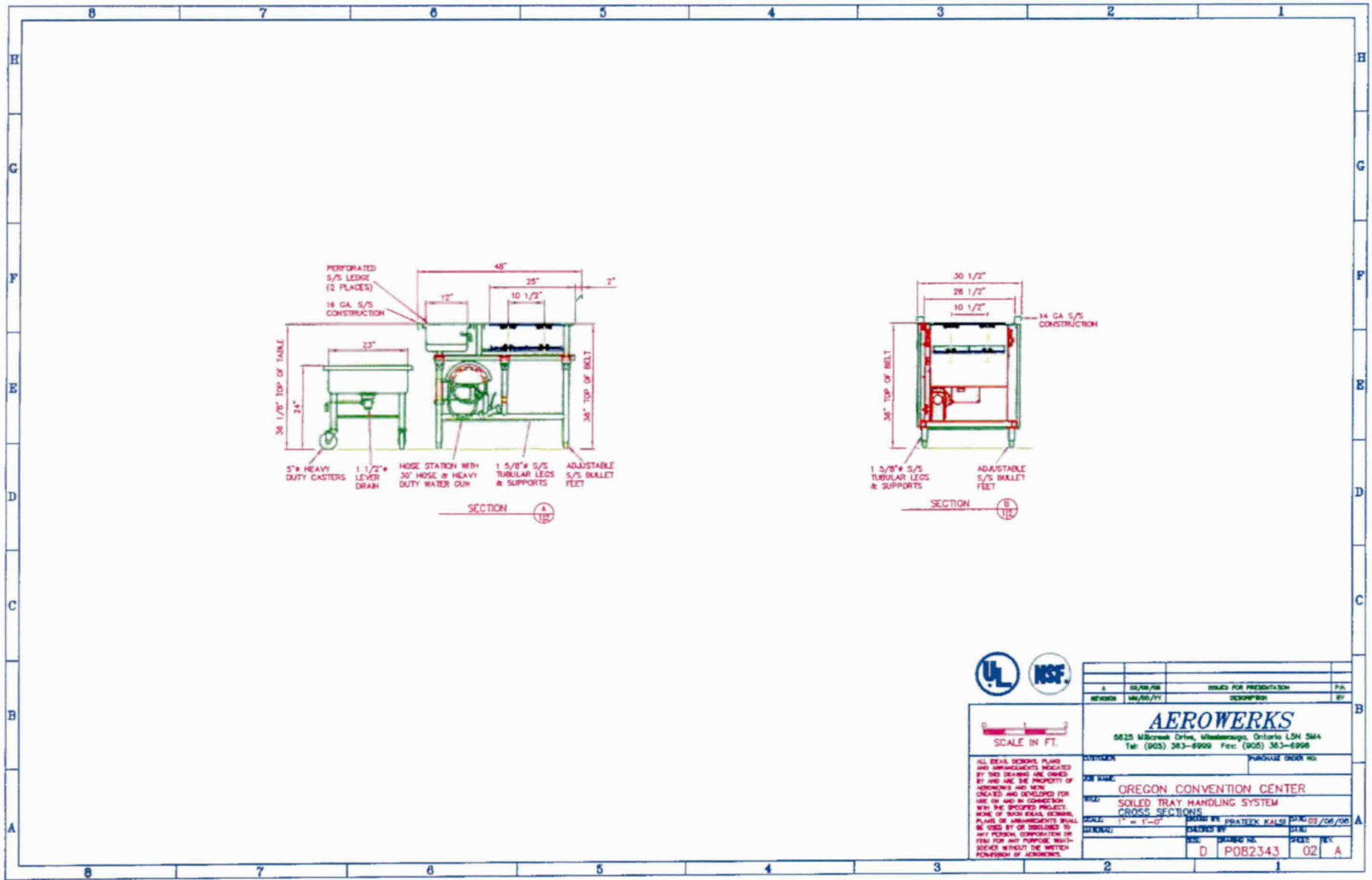
NOTE:

CUSTOMER CARE, IN TROY, OHIO, MUST BE NOTIFIED OF ANY CHANGES.
1-800-333-7447
hobartfoodservice@hobartcorp.com

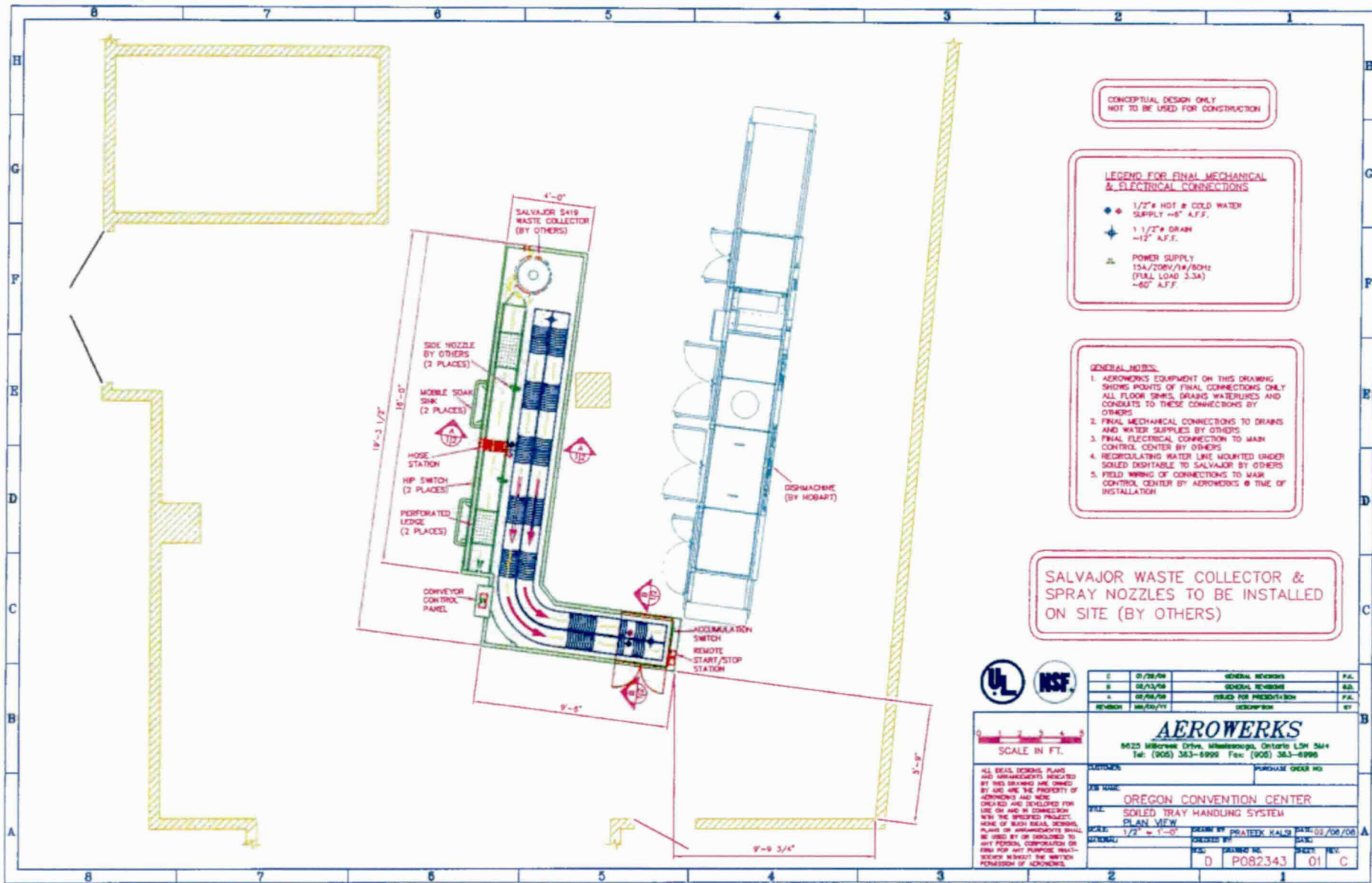
SIZE & ACCESSORIES	OREGON CONVENTION CENTER PORTLAND, OR	DATE	BY
	N.O. PROJECT # JAMES GLOVE # 685781	DATE	BY
	THIS UNIT WILL BE SHIPPED IN 4 SECTIONS AS FOLLOWS:	DATE	BY
LOAD 5'	CENTER 8'	UNLOAD (2) 5.5'	



ATTACHMENT B



ATTACHMENT B



CONCEPTUAL DESIGN ONLY
NOT TO BE USED FOR CONSTRUCTION

- LEGEND FOR FINAL MECHANICAL & ELECTRICAL CONNECTIONS**
- 1/2" HOT & COLD WATER SUPPLY -8" A.F.F.
 - ◆ 1 1/2" DRAIN -12" A.F.F.
 - ⚡ POWER SUPPLY 15A/208V/14/60Hz (FULL LOAD 3.3A) -60" A.F.F.

- GENERAL NOTES:**
1. AEROWERKS EQUIPMENT ON THIS DRAWING SHOWS POINTS OF FINAL CONNECTIONS ONLY ALL FLOOR SINKS, DRAINS, WATERLINES AND CONDUGITS TO THESE CONNECTIONS BY OTHERS
 2. FINAL MECHANICAL CONNECTIONS TO DRAINS AND WATER SUPPLIES BY OTHERS
 3. FINAL ELECTRICAL CONNECTION TO MAIN CONTROL CENTER BY OTHERS
 4. RECIRCULATING WATER LINE MOUNTED UNDER SOILED DISHTRAY TO SALVAJOR BY OTHERS
 5. FIELD WIRING OF CONNECTIONS TO MAIN CONTROL CENTER BY AEROWERKS @ TIME OF INSTALLATION

SALVAJOR WASTE COLLECTOR & SPRAY NOZZLES TO BE INSTALLED ON SITE (BY OTHERS)



SCALE IN FT.
0 1 2 3 4 5

01/08/08	GENERAL REVISION	P.A.
02/13/08	GENERAL REVISION	A.B.
02/06/08	ISSUED FOR PRESENTATION	P.A.
08/02/07	DESCRIPTION	BT

AEROWERKS
8625 Midway Drive, Mississauga, Ontario L5H 5H4
Tel: (905) 363-6999 Fax: (905) 363-6996

LETINGS	PURCHASE ORDER NO.
JOB NAME	OREGON CONVENTION CENTER
TITLE	SOILED TRAY HANDLING SYSTEM PLAN VIEW
SCALE	1/2" = 1'-0"
DESIGNED BY	PROATEK KALS
DATE	09/08/08
APPROVAL	DATE
D	P082343
01	C