

Belimed

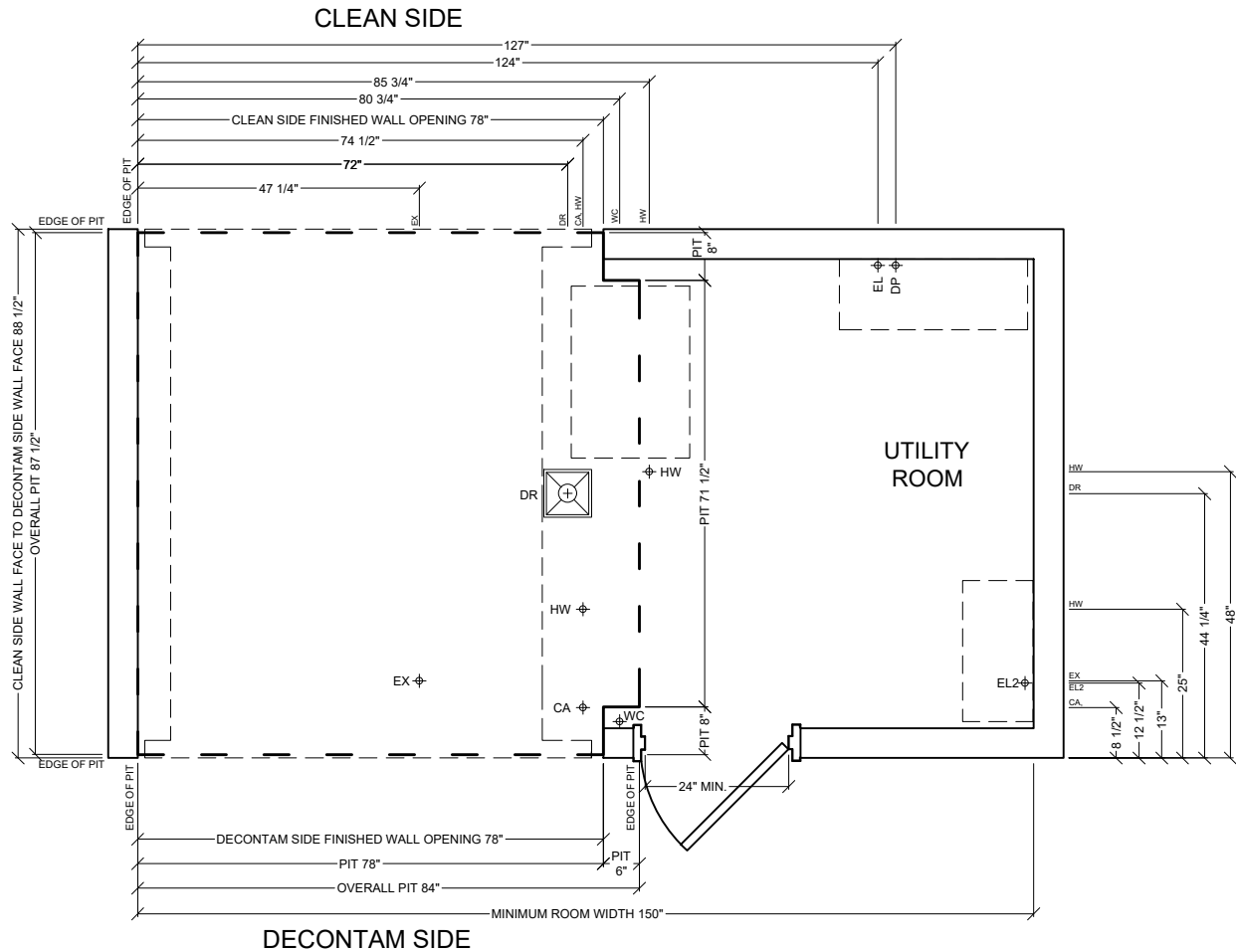
Infection Control

1535 Hobby Street, Charleston, SC 29405
Tel: (800) 457-4117 Web: www.belimed.com

CS-750S-E

LEFT CHAMBER ELECTRIC HEATED CART WASHER

3D VIEW	Dwg. No. : CUT-CS750S-E_LC	Rev. : D
TYPICAL INSTALLATION OF A LEFT CHAMBER CS-750S-E CART WASHER.	Drawn By : A. JONES	Date : 08/22/18
	Scale : N.T.S.	Page : 1 of 10



HW — HOT WATER
 CA — COMPRESSED AIR
 EL — ELECTRICITY FOR MACHINE
 DR — FLOOR DRAIN
 EX — AIR EXHAUST
 WC — WATER HOSE CONNECTION
 DP — DATA PORT

LEGEND

LINE TYPES

--- EQUIPMENT OUTLINE
 - - - PIT OUTLINE (5.5" DEPTH)

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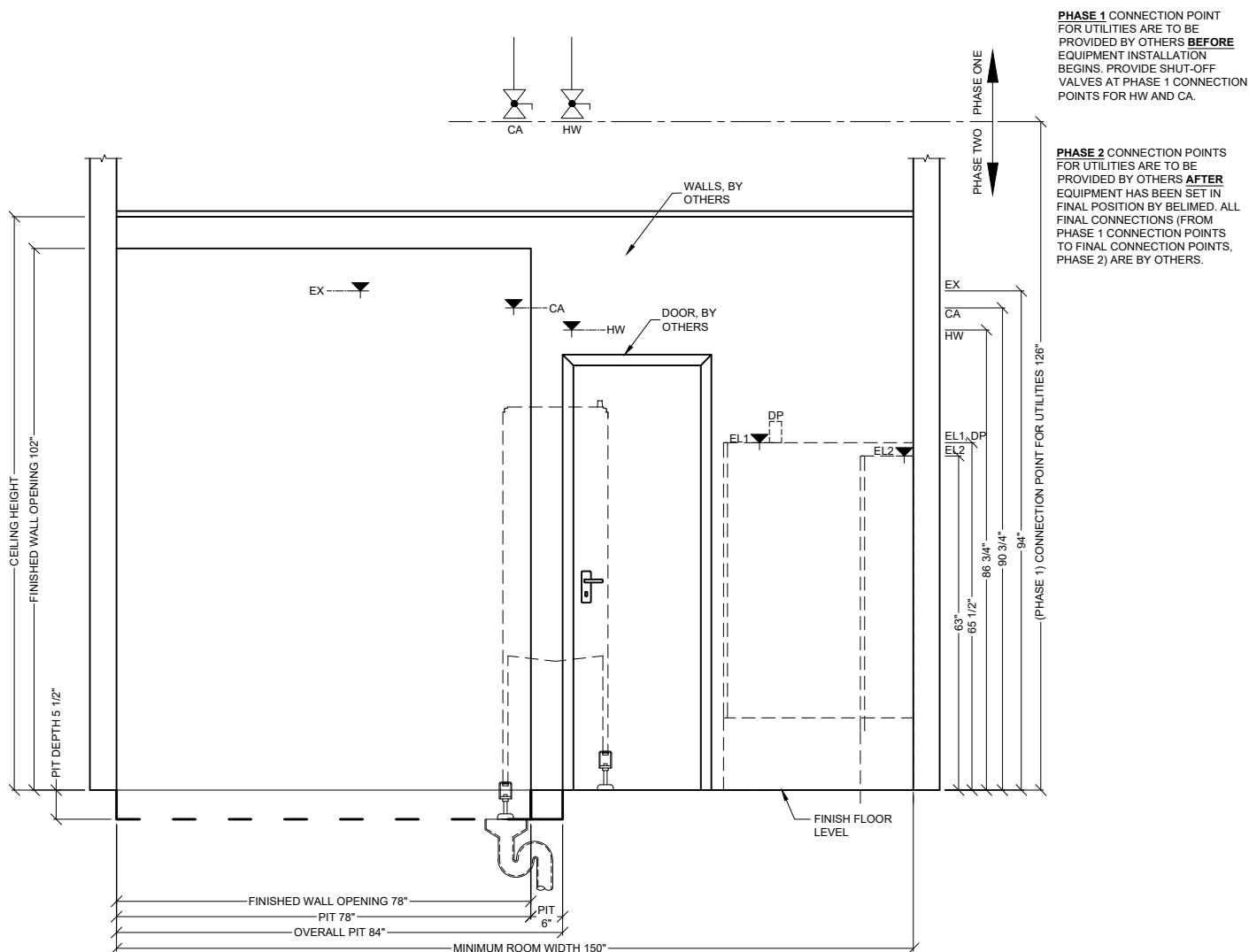
CS-750S-E

LEFT CHAMBER ELECTRIC HEATED CART WASHER

PLAN VIEW

TYPICAL SITE PREPARATION OF A
 LEFT CHAMBER CS-750S-E CART
 WASHER.

Dwg. No. :	CUT-CS750S-E_LC	Rev. :	D
Drawn By :	A. JONES	Date :	08/22/18
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HW — HOT WATER
CA — COMPRESSED AIR
EL1/
EL2 — ELECTRICITY FOR MACHINE
DR — FLOOR DRAIN
EX — AIR EXHAUST
DP — DATA PORT

LEGEND

SYMBOLS

— SERVICE SHUT-OFF VALVE, BY OTHERS
— FINAL CONNECTION POINT BY OTHERS.

LINE TYPES

— — — — — PIT OUTLINE (5.5" DEPTH)

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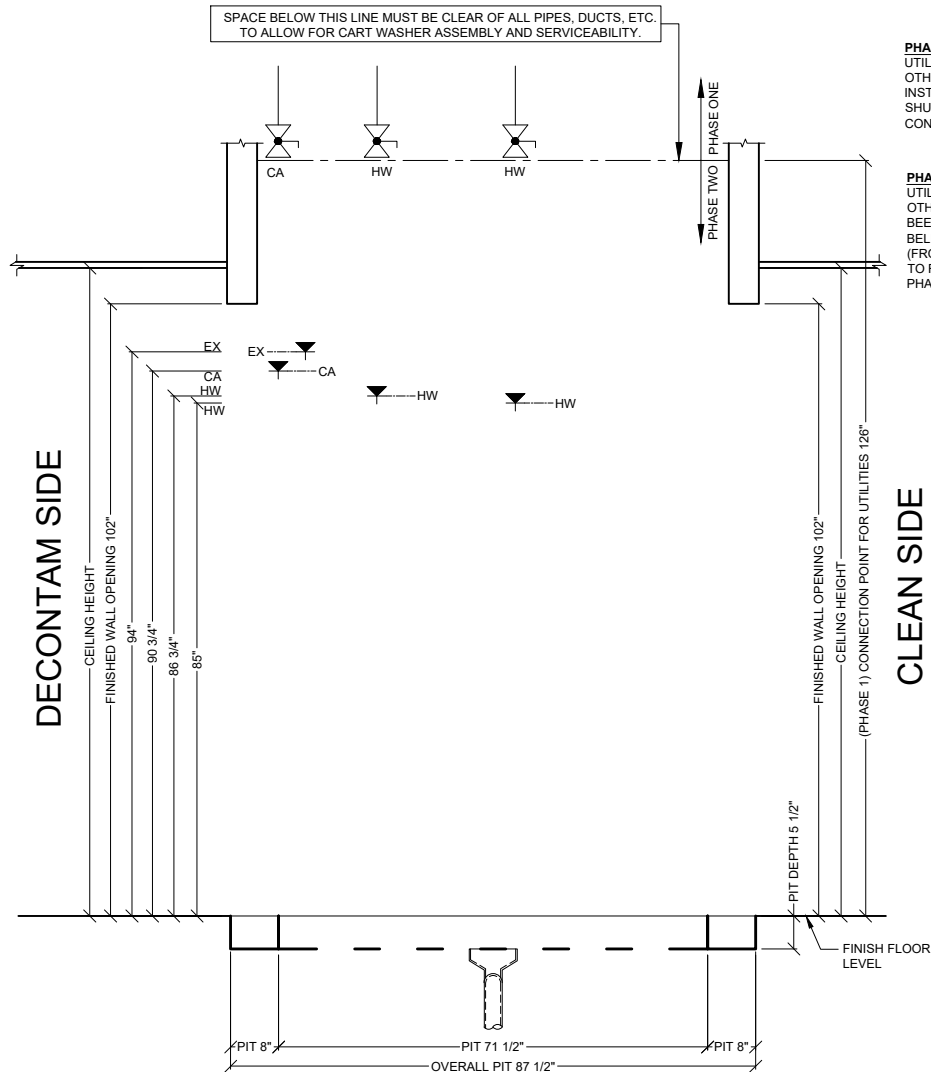
DECONTAM ELEVATION

TYPICAL SITE PREPARATION OF A
LEFT CHAMBER CS-750S-E CART
WASHER.

Dwg. No. : CUT-CS750S-E_LC Rev. : D

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PHASE 1 CONNECTION POINT FOR UTILITIES ARE TO BE PROVIDED BY OTHERS **BEFORE** EQUIPMENT INSTALLATION BEGINS. PROVIDE SHUT-OFF VALVES AT PHASE 1 CONNECTION POINTS FOR HW AND CA.

PHASE 2 CONNECTION POINTS FOR UTILITIES ARE TO BE PROVIDED BY OTHERS **AFTER** EQUIPMENT HAS BEEN SET IN FINAL POSITION BY BELIMED. ALL FINAL CONNECTIONS (FROM PHASE 1 CONNECTION POINTS TO FINAL CONNECTION POINTS, PHASE 2) ARE BY OTHERS.

HW — HOT WATER
CA — COMPRESSED AIR
EL — ELECTRICITY FOR MACHINE
DR — FLOOR DRAIN
EX — AIR EXHAUST

LEGEND

SYMBOLS

— SERVICE SHUT-OFF VALVE, BY OTHERS

— FINAL CONNECTION POINT BY OTHERS.

LINE TYPES

— — — — — PIT OUTLINE (5.5" DEPTH)

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CS-750S-E

LEFT CHAMBER ELECTRIC HEATED CART WASHER

SIDE ELEVATION

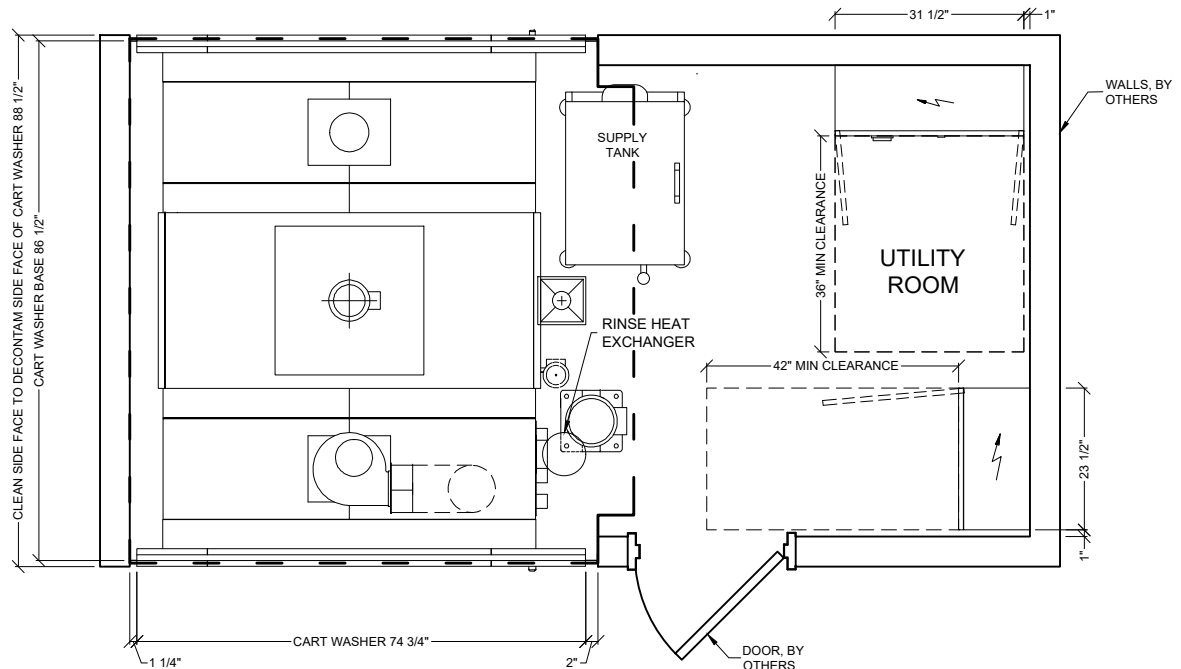
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Dwg. No.: CUT-CS750S-E_LC Rev.: D

Drawn By: A. JONES Date: 08/22/18

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CLEAN SIDE



DECONTAM SIDE

LEGEND

LINE TYPES

- - - - - PIT OUTLINE (5.5" DEPTH)

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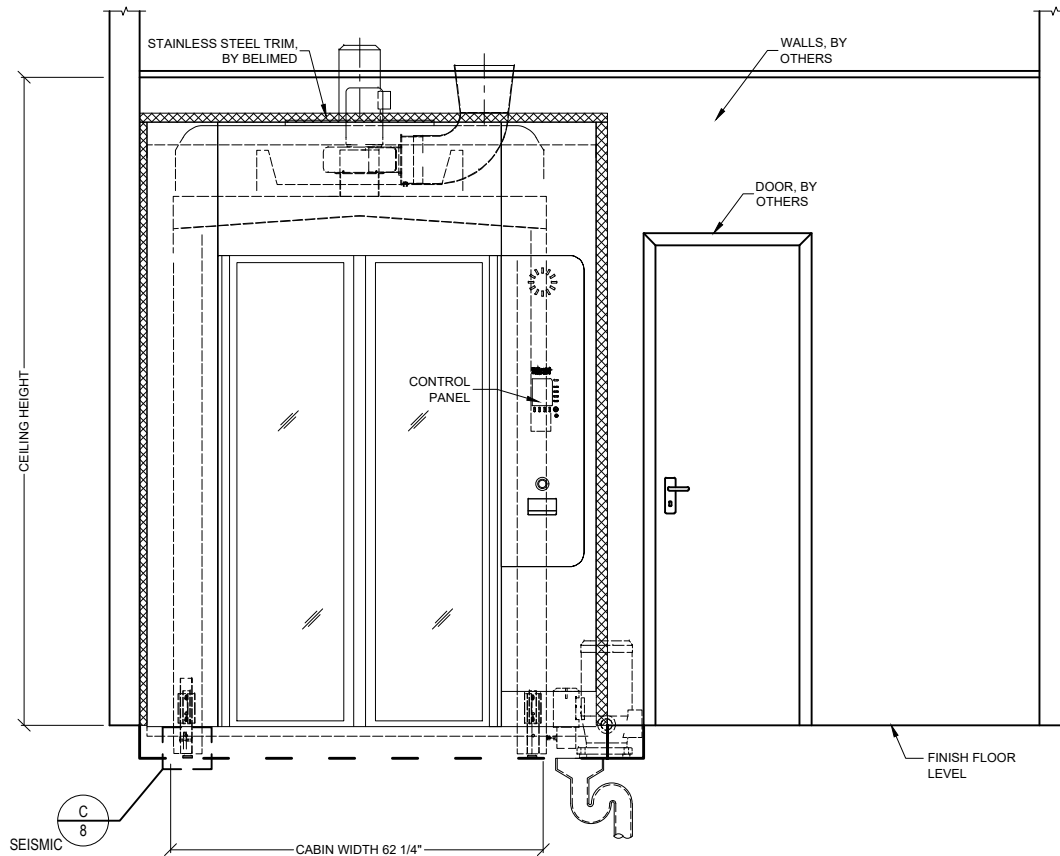
CS-750S-E

LEFT CHAMBER ELECTRIC HEATED CART WASHER

PLAN VIEW

TYPICAL EQUIPMENT LAYOUT OF A
LEFT CHAMBER CS-750S-E CART
WASHER.

Dwg. No. :	CUT-CS750S-E_LC	Rev. :	D
Drawn By :	A. JONES	Date :	08/22/18
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LEGEND

LINE TYPES

- - - - - PIT OUTLINE (5.5" DEPTH)

HATCH TYPES

STAINLESS STEEL TRIM, BY BELIMED

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CS-750S-E

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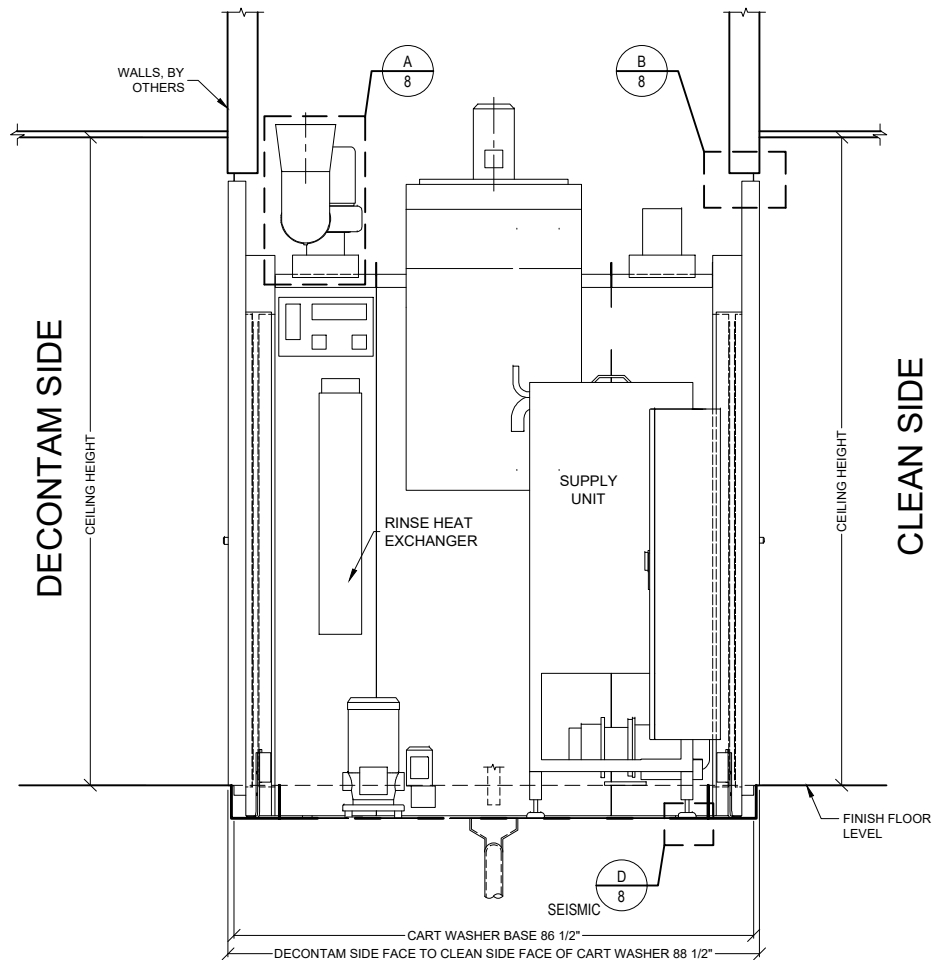
DECONTAM ELEVATION

Dwg. No.: CUT-CS750S-E_LC Rev.: D

TYPICAL EQUIPMENT LAYOUT OF A
LEFT CHAMBER CS-750S-E CART
WASHER.

Drawn By: A. JONES Date: 08/22/18

Scale: 3/8" = 1'-0" Page: 6 of 10



LEGEND

LINE TYPES

--- PIT OUTLINE (5.5" DEPTH)

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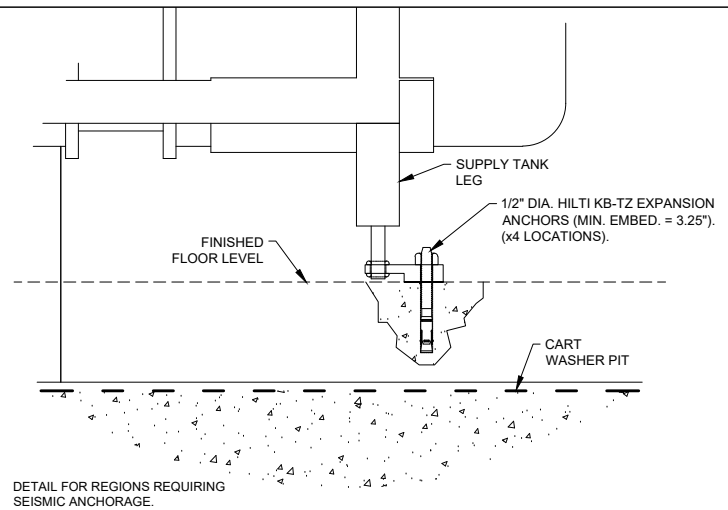
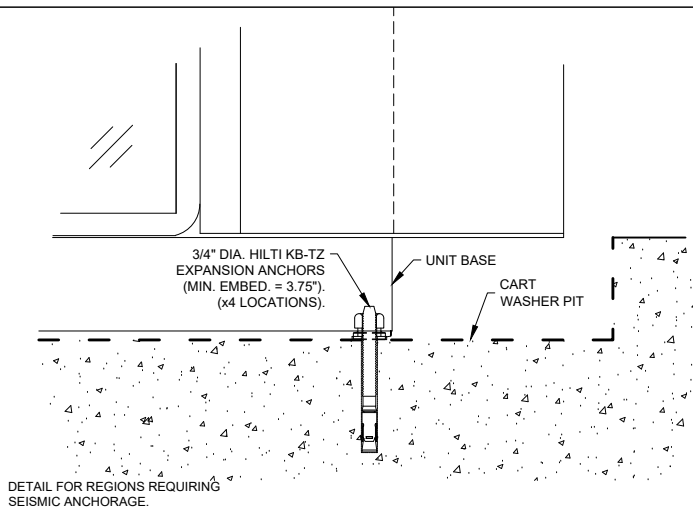
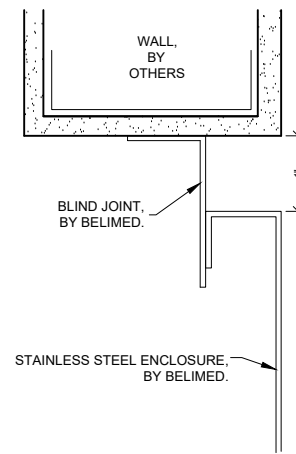
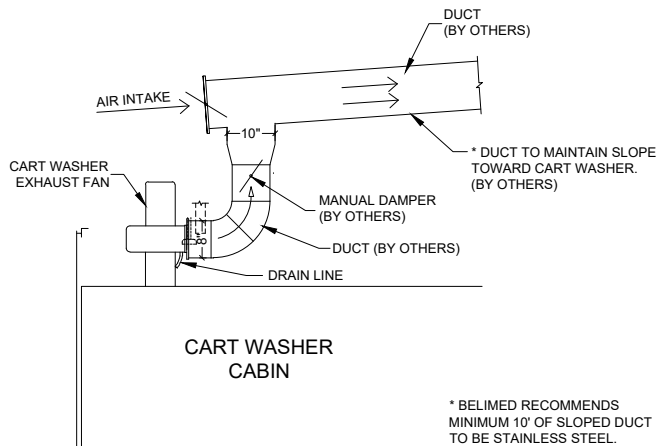
CS-750S-E

LEFT CHAMBER ELECTRIC HEATED CART WASHER

SIDE ELEVATION

TYPICAL EQUIPMENT LAYOUT OF A
LEFT CHAMBER CS-750S-E CART
WASHER.

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CS-750S-E

LEFT CHAMBER ELECTRIC HEATED CART WASHER

TYPICAL DETAILS
TYPICAL INSTALLATION DETAILS FOR
A LEFT CHAMBER CS-750S-E CART
WASHER.

Dwg. No. :	CUT-CS750S-E_LC	Rev. :	D
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CART WASHER MODEL CS-750S-E - TECHNICAL SPECIFICATIONS

REQUIRED INPUTS

Ref:	Description	Value	Utility Notes	Connection Method	Final Utility Conn. By:	
					Others	Belimed
HW	Utility:	Hot Water	Water hardness as CaCO ₃ must be less than 60 ppm. Water temperature is recommended to be a minimum of 110°F. (Colder HW temperature will result in longer cycles and higher steam consumption)	Flex Hose		X
	Connection Size/Type:	3/4 inch / MNPT				
	Pressure:	Min: 30 Max: 70 psig				
	Peak Consumption:	8 gal/min				
	*Consumption per Load:	8 gal				
EL1	Utility:	Electric 1	208V, 3 phase, 3 wire, 50A. Service Disconnect to be provided by others, per local code.	Hard Wire - Conduit	X	
	Connection Type:	Hard wire within junction box				
	Voltage (Phase):	3 Phase				
	Voltage (Nominal):	208 VAC				
	Voltage (Frequency):	60 Hz				
	Circuit Protection:	50 Amps				
	Peak Consumption:	31.4 Amps				
	*Consumption per Load:	0.35 kW-h				
EL2	Utility:	Electric 2	480V, 3 phase, 3 wire, 135A. Service Disconnect to be provided by others per local code.	Hard Wire - Conduit	X	
	Connection Type:	Hard wire within junction box				
	Voltage (Phase):	3 Phase				
	Voltage (Nominal):	480 VAC				
	Voltage (Frequency):	60 Hz				
	Circuit Protection:	135 Amps				
	Peak Consumption:	108.4 Amps				
	*Consumption per Load:	9 kW-h				
CA	Utility:	Compressed Air	Air must be dry and oil free. CA is used for pneumatic controls.	Flex Hose		X
	Connection Size/Type:	1/2 Inch / MNPT				
	Pressure:	Min: 90 Max: 115 psig				
	Peak Consumption:	1.0 CFM				
	*Consumption per Load:	3.0 CF				
WC	Utility:	Water Hose Connection	Provide standard garden hose connection for cleaning of supply tank.			
DP	Utility:	Data Port	Location: Ethernet port should be located within 5 ft of machine within the enclosed service area of the cart washer. * (By others)		X	
	Connection Method:	TCP/IP Ethernet to hospital network				
	Connection Quantity:	One (1) RJ45 Ethernet port per cart washer				
	Facility Wiring:	*Cat-5, Cat-6 or Cat-6e wire				
	NIC/Com Speed:	10/100 Mbps Networking Port (RJ45)				
	Broadcast Method:	Unicast				
	MTU Size:	1500				
	Final Connection:	Belimed provided patch cables for final connection				
	Port IP Setup:	Each RJ45 Ethernet Port with individual static IP address			X	

ESTIMATED EMISSIONS

DR	Utility:	Open Drain	Provide floor sink/drain and trap.	2" copper pipe	X	
	Drain Size:	2 Inch				
	Discharge Flow Rate:	24 gal/min				
	Connection Type:	Floor Sink				
EX	Medium:	Air Exhaust	Discharged air is at 100% humidity, others must provide proper drainage upstream as needed. Others to provide manual damper at each exhaust connection point. Duct materials (in order of recommended use): stainless steel, galvanized steel, polyethylene, or aluminum.	Sheet Metal	X	
	Connection Size:	8 Inch OD				
	Peak Flow Rate:	530 CFM				
	Minimum Duct Diameter:	10 Inch				
	Medium:	Heat Radiation	Equipment room heat radiation will vary due to steam pipe insulation by others.			
	Load side heat radiation:	500 W				
	Unload side heat radiation:	500 W				
	Equipment room radiation:	1250 W				
	Total radiation:	2250 W				
	Medium:	Noise Radiation				
	Maximum Radiation (Net):	68 dBA				

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CS-750S-E

LEFT CHAMBER ELECTRIC HEATED CART WASHER

TECHNICAL SPECIFICATIONS

Dwg. No. : CUT-CS750S-E_LC Rev. : D

TECHNICAL DATA FOR THE
INSTALLATION OF A LEFT CHAMBER
CS-750S-E CART WASHER.

Drawn By : A. JONES Date : 08/22/18

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PHYSICAL SPECIFICATIONS		
	Parameter:	Carry-In Dimensions
	Height:	63 in
	Width:	6 in
	Length:	73 in
Largest item is the pan carried in on its side, second largest item are the doors.		
	Parameter:	Weights
	Operating Weight:	5400 lbs
	OSHPD NUMBER:	OPM-0242-13
<p>*Values are for a Normal Cycle*.</p> <p><u>Additional Information:</u> MNPT = Male Pipe Thread Others must provide service valves for compressed air and water supply. Others must provide back flow prevention for water supply. For alternate utility connections, please contact Belimed. All utility supplies and connections are to be provided by others, per local code. Belimed recommends for others to apply a liquid waterproof membrane to pit or area under cart washer.</p>		

TS-CS-750S-E_RevG

 <p>1535 Hobby Street, Charleston, SC 29405 Tel: (800) 457-4117 Web: www.belimed.com</p>	<h1>CS-750S-E</h1> <p>LEFT CHAMBER ELECTRIC HEATED CART WASHER</p>		
	TECHNICAL SPECIFICATIONS CONT		Dwg. No. : CUT-CS750S-E_LC Rev. : D
	TECHNICAL DATA FOR THE INSTALLATION OF A LEFT CHAMBER CS-750S-E CART WASHER.		Drawn By : A. JONES Date : 08/22/18
			Scale : NONE Page : 10 of 10