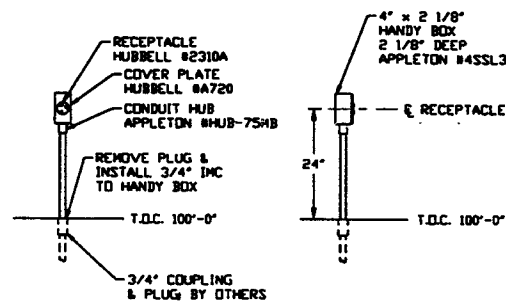


BAKEDOUT CART/CLEAN ROOM RECEPTACLE

DETAIL 1 REF.

SCALE: 1" = 1'-0"

V049-3-116	V049-3-204	V049-3-616
V049-3-117	V049-3-304	V049-3-617
V049-3-118	V049-3-404	V049-3-618
V049-3-119	V049-3-504	V049-3-704
		V049-3-804

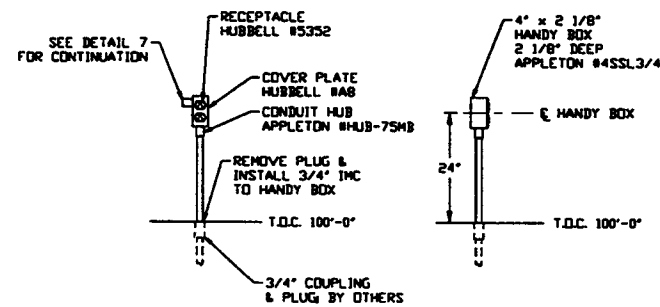


BAKEDOUT CART CONTROL RECEPTACLE

DETAIL 2 REF.

SCALE: 1" = 1'-0"

V049-3-116	V049-3-204	V049-3-616
V049-3-117	V049-3-304	V049-3-617
V049-3-118	V049-3-404	V049-3-618
V049-3-119	V049-3-504	V049-3-704
		V049-3-804

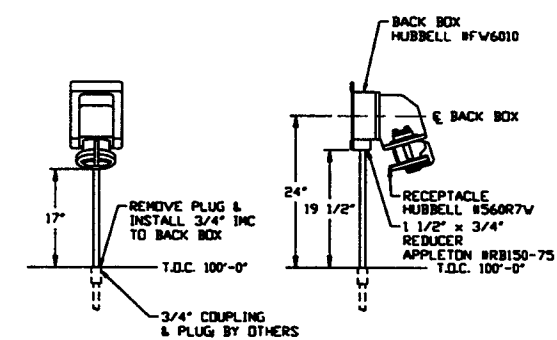


GENERAL /ION PUMP/AUX TURBO RECEPTACLE

DETAIL 3 REF.

SCALE: 1" = 1'-0"

V049-3-116	V049-3-204	V049-3-616
V049-3-117	V049-3-304	V049-3-617
V049-3-118	V049-3-404	V049-3-618
V049-3-119	V049-3-504	V049-3-704
		V049-3-804

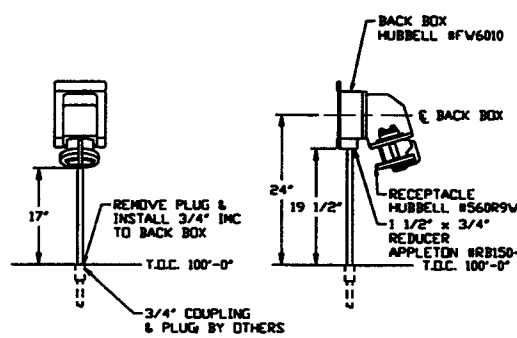


ROUGHING PUMP RECEPTACLE

DETAIL 4 REF.

SCALE: 1" = 1'-0"

V049-3-116	V049-3-118	V049-3-616
V049-3-117	V049-3-119	V049-3-617
		V049-3-618

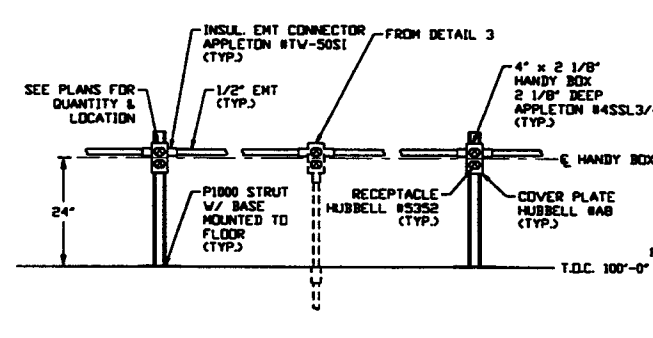


TURBO PUMP RECEPTACLE

DETAIL 5 REF.

SCALE: 1" = 1'-0"

V049-3-116	V049-3-204	V049-3-616
V049-3-117	V049-3-304	V049-3-617
V049-3-118	V049-3-404	V049-3-618
V049-3-119	V049-3-504	V049-3-704
		V049-3-804

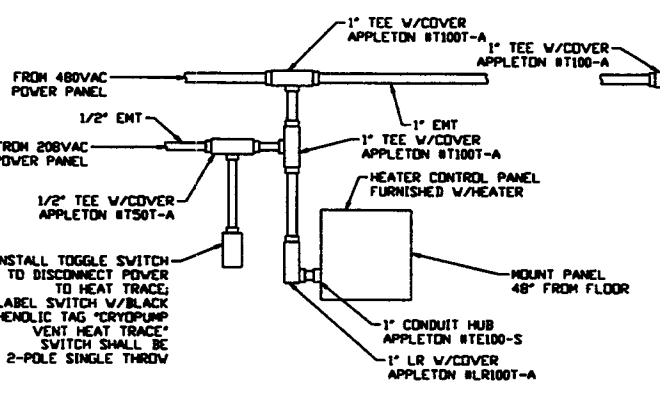


GENERAL /ION PUMP/AUX TURBO RECEPTACLE CONTINUATION

DETAIL 7 REF.

SCALE: 1" = 1'-0"

V049-3-116	V049-3-204	V049-3-616
V049-3-117	V049-3-304	V049-3-617
V049-3-118	V049-3-404	V049-3-618
V049-3-119	V049-3-504	V049-3-704
		V049-3-804

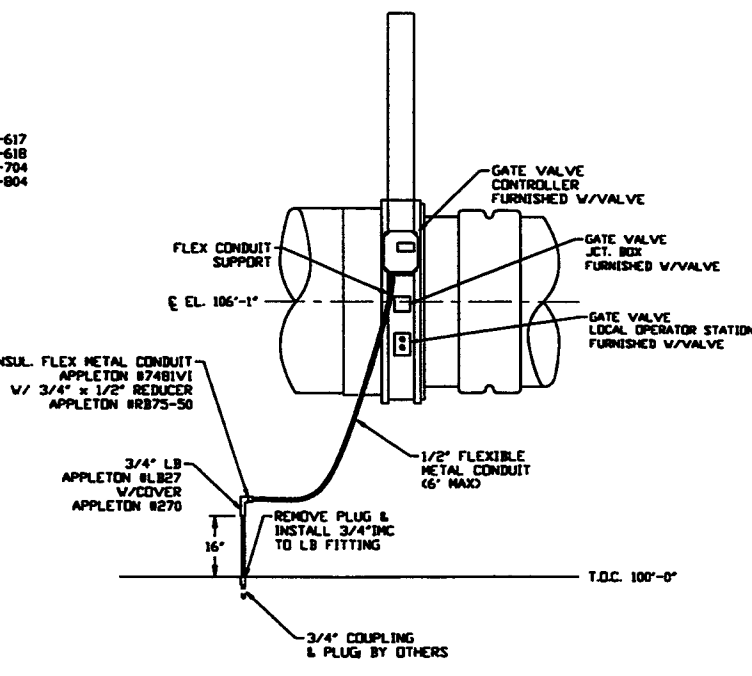


REGEN HEATER & CHECK VALVE HEAT TRACE

DETAIL 8 REF.

SCALE: NONE

V049-3-117	V049-3-304	V049-3-617
V049-3-118	V049-3-404	V049-3-618
V049-3-204	V049-3-504	V049-3-704
		V049-3-804

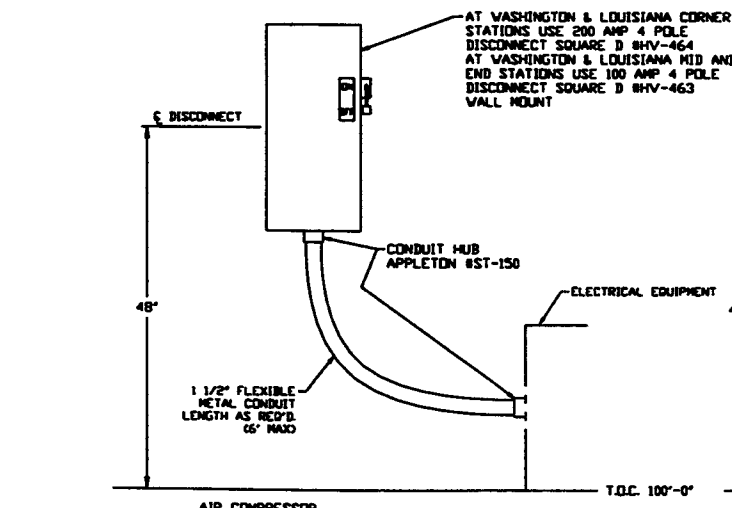


GATE VALVE POWER

DETAIL 6 REF.

SCALE: 1/2" = 1'-0"

V049-3-116	V049-3-304	V049-3-616
V049-3-119	V049-3-404	V049-3-704
V049-3-204	V049-3-504	V049-3-804

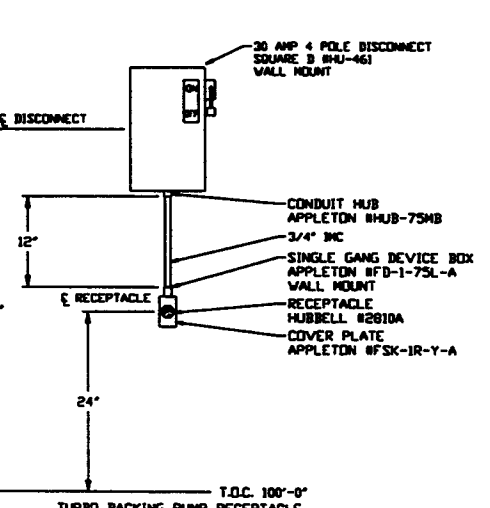


AIR COMPRESSOR

DETAIL 9 REF.

SCALE: 1" = 1'-0"

V049-3-116	V049-3-204	V049-3-616
V049-3-204	V049-3-504	V049-3-804

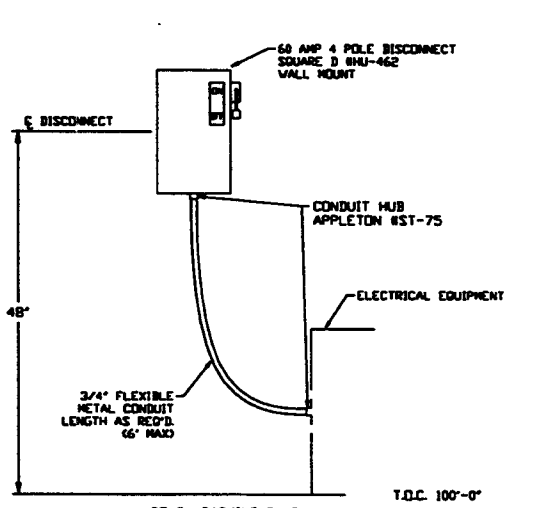


TURBO BACKING PUMP RECEPTACLE

DETAIL 10 REF.

SCALE: 1" = 1'-0"

V049-3-116	V049-3-304	V049-3-616
V049-3-204	V049-3-404	V049-3-704
V049-3-504	V049-3-804	



ROUGH BACKING PUMP

DETAIL 11 REF.

SCALE: 1" = 1'-0"

V049-3-116	V049-3-616
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<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL & DECIMALS: .001" .002" .005" .010" .020" .030" .040" .050" .060" .070" .080" .090" .100" .125" .150" .175" .200" .250" .300" .375" .400" .500" .625" .750" .875" 1.000" TWO PLACE DECIMALS & IN THREE PLACE DECIMALS: .005" FRACTIONAL SURFACE FINISH: R20 UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS</p>				<p>2 ISSUE FOR CONSTRUCTION</p>				<p>05.12.97 0480</p>			
<p>1 ISSUE FOR FOR UPDATE & BID</p>				<p>REB DMCV R.J.V. 11.25.96 0355</p>				<p>04.26.96 0129</p>			
<p>0 ISSUE FOR FOR</p>				<p>DRCV FAB R.J.V. 04.26.96 0129</p>				<p>04.26.96 0129</p>			
<p>USED ON</p>				<p>REV DESCRIPTION</p>				<p>CHKD DRWN DATE DEB</p>			
<p>NEXT ASS'Y</p>				<p>ISSUE DESCRIPTION</p>				<p>SCALE AS NOTED SHEET 1 OF 1</p>			

PROCESS SYSTEMS INTERNATIONAL INC.
 20 WAUUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA

ELECTRICAL INSTALLATION DETAILS
 LIGO VACUUM EQUIPMENT
 WASHINGTON SITE &
 LOUISIANA SITE

CAD FILE: V0493006
 SHEET: D
 DWG NO: V049-3-006
 REV: 2