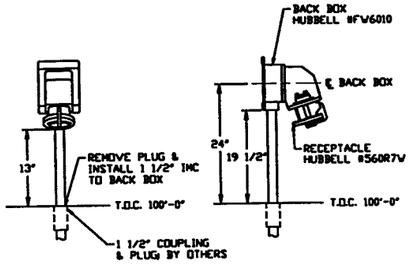
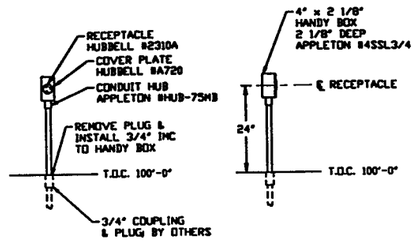


BAKEOUT CART/CLEAN ROOM RECEPTACLE

DETAIL (1) REF.
SCALE: 1" = 1'-0"

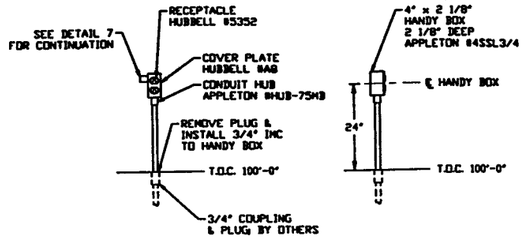
V049-3-116	V049-3-204	V049-3-616
V049-3-117	V049-3-304	V049-3-617
V049-3-118	V049-3-404	V049-3-618
V049-3-119	V049-3-504	V049-3-704
		V049-3-804



BAKEOUT CART CONTROL RECEPTACLE

DETAIL (2) REF.
SCALE: 1" = 1'-0"

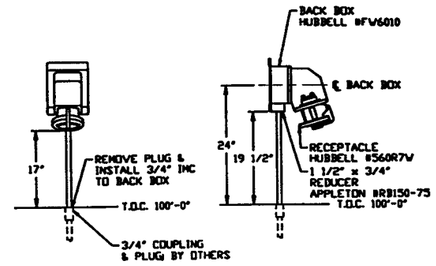
V049-3-116	V049-3-204	V049-3-616
V049-3-117	V049-3-304	V049-3-617
V049-3-118	V049-3-404	V049-3-618
V049-3-119	V049-3-504	V049-3-704
		V049-3-804



GENERAL/ION PUMP/AUX. TURBO RECEPTACLE

DETAIL (3) REF.
SCALE: 1" = 1'-0"

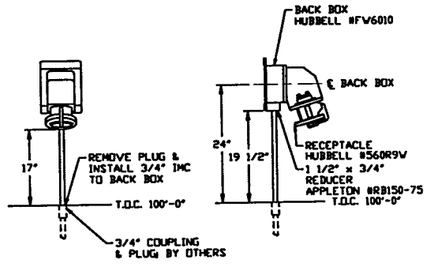
V049-3-116	V049-3-204	V049-3-616
V049-3-117	V049-3-304	V049-3-617
V049-3-118	V049-3-404	V049-3-618
V049-3-119	V049-3-504	V049-3-704
		V049-3-804



ROUGHING PUMP RECEPTACLE

DETAIL (4) REF.
SCALE: 1" = 1'-0"

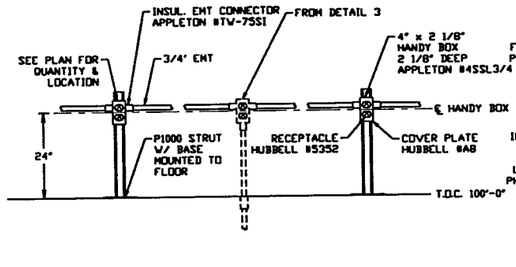
V049-3-116	V049-3-118	V049-3-616
V049-3-117	V049-3-119	V049-3-617
		V049-3-618



TURBO PUMP RECEPTACLE

DETAIL (5) REF.
SCALE: 1" = 1'-0"

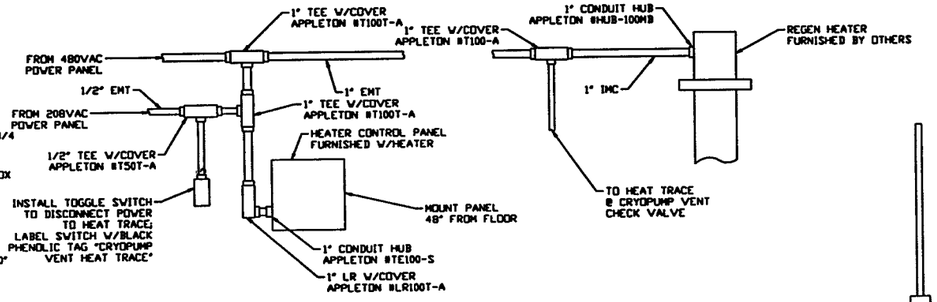
V049-3-116	V049-3-204	V049-3-616
V049-3-117	V049-3-304	V049-3-617
V049-3-118	V049-3-404	V049-3-618
V049-3-119	V049-3-504	V049-3-704
		V049-3-804



GENERAL/ION PUMP/AUX. TURBO RECEPTACLE CONTINUATION

DETAIL (7) REF.
SCALE: 1" = 1'-0"

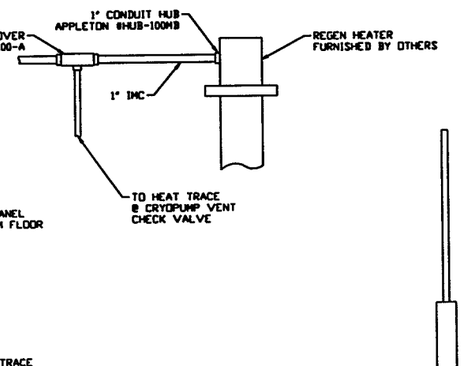
V049-3-116	V049-3-204	V049-3-616
V049-3-117	V049-3-304	V049-3-617
V049-3-118	V049-3-404	V049-3-618
V049-3-119	V049-3-504	V049-3-704
		V049-3-804

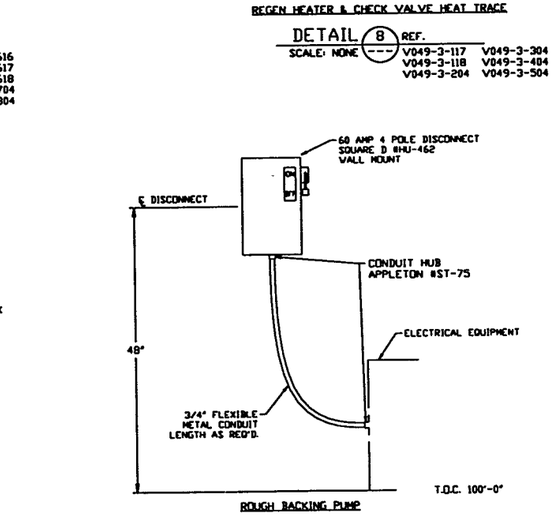


REGEN HEATER & CHECK VALVE HEAT TRACE

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

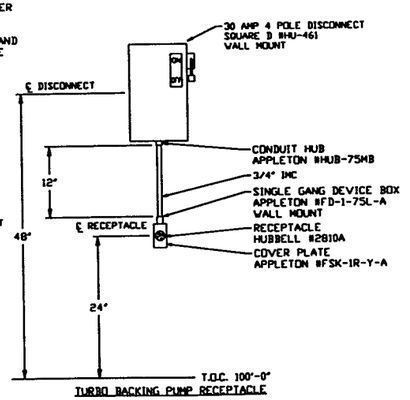




AIR COMPRESSOR

DETAIL (9) 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



TURBO BACKING PUMP RECEPTACLE

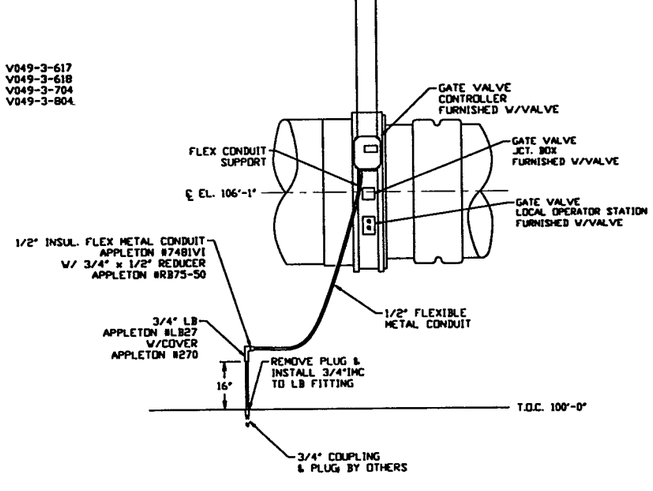
DETAIL (10) REF.
SCALE: 1" = 1'-0"

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	



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

PRELIMINARY NOT FOR CONSTRUCTION
FADI AZIZ BARK
WA REG. #33057

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REFERENCE DRAWINGS

DWG. NO.	DESCRIPTION
V049-3-001	GENERAL NOTES, LEGEND & DRAWING LIST

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± 30' BEND ±2°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
FINISHES: SURFACE RMS
BREAK CORNERS ON OUT.
REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING
USED ON:
NEXT ASS'Y:

REV	DESCRIPTION	DMcV	FAB	RJV	DATE	DEC#
			CHKD	DRVN		
1	ISSUE FOR FDR UPDATE & BID	REV'D			11.25.96	0355
0	ISSUE FOR FDR	DMcV	FAB	RJV	04.26.96	0129

ISSUE DESCRIPTION

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

ELECTRICAL INSTALLATION DETAILS
LIGO VACUUM EQUIPMENT
WASHINGTON SITE &
LOUISIANA SITE

CAD FILE	SIZE	DWG. NO.	REV.
V0493006	D	V049-3-006	1
SCALE: AS NOTED		SHEET: 1 OF 1	

LIGO-D960548-01-V