	8	7	6	5	4	3	
D							REV ZONE B-1 ALL
		MINIMUM RECOMME ELECTRICAL F CLEARANCE PER OSHA/	ANDE D ANEL V NEC				
C		MINIMUM MAINTENANC	RECOMMENDED LE CLEARANCE				
			3X 3" MNPT	4 24.00		4″ MNPT	
В		PBMI/HMI CONTROL PANEL					
			83.27 40.27			45.16	NDTE: AUTD PURGE IS D SYMBOL LEGEND Θ = MINUS DRAFT Θ = PLUS DRAFT
А		43.00 45.00 90.00 45.00 45.00 45.00 45.00		68.00 70.00 74.93			TOLERANCES NOT SPECIFIED AUT XXX ± ZCIDEG. > ± CONFIDENTIAL DISCLOSURE This drawing is the property POMEREX, NIC of the SCIDIFFEZER and subject to return on demand. Contents are confidential and must copied or suscent of examination. MATERIAL N/A PART NAME 20HP LAB VACU

4

З

8

7

6

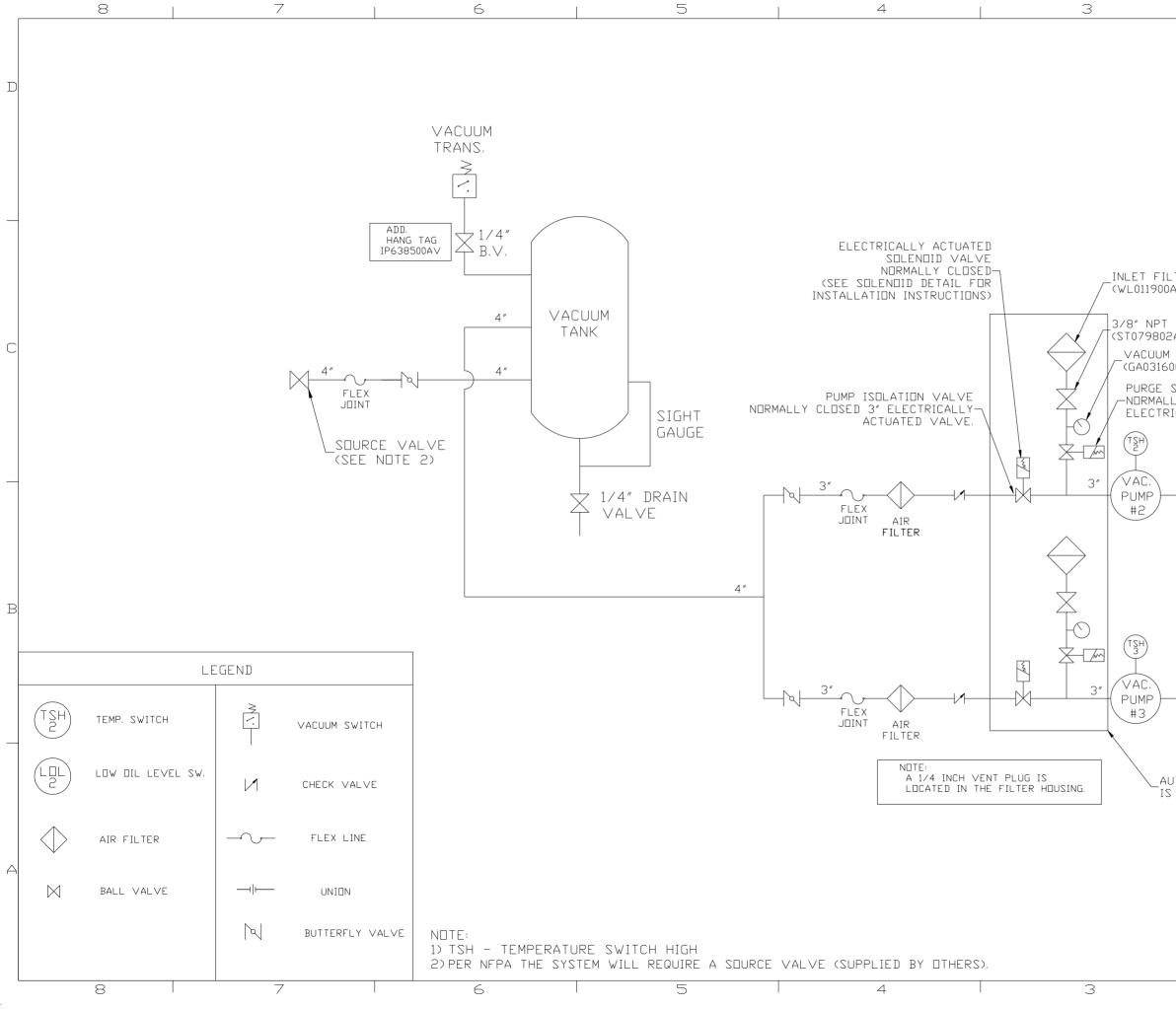
SYMBDL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT	REQ'D	AL CONTROL	Drawings to current rev ANSI standar Y14.3 Multi a Y14.5M Dimens	ision d nds. .nd sect	of the Lional	r following view dwgs.	
TDLERANCES NOT SPECIFIED	AUTOCAD Rel2008 LT	DO NOT SCAI					
. XXX ± ∠(DEG.)±	INCH	Sheet 1	Sheet 1 of 2 SCALE		1:18	4	
This drawing is the pr	CONFIDENTIAL DISCLOSURE This drawing is the property of EREX, INC, of the SCOTT FETZER COMPANY		CHECKED BY	APPROV		MFG/MRKTG	1
and subject to return on contents are confidential a	demand. Its nd must not be	BFH	DMS	JE	BC	СТ	1
copied or submitted to outs use or examinati		11/15/12	1/2/13	1/2	/13	1/2/13	1
MATERIAL N/A			OW			EX	
20HP LAB V			TION DRIVE, H4 -769-7979 FAX		0110	45030	
LOUI LAD V	HCUUM	DWG ND				SIZE	1
200GAL DU	IPLEX	LV	PD20	05		D	
2			-	1		LVPD2005B. dwg	;

NDTE: AUTO PURGE IS OPTIONAL.

D

C

В



			REVISION		DATE ECN		-
	B	-1 ALL	RELEASE TO PRODUC		/2/13 PXEC0003	BFH DMS	
							מו
TER							
AV)							
BALL VALVE AV)							
GAUGE							C
DOAV)							
SOLENDID VALV							
LY CLOSED 1/2 ICALLY ACTUATE	INCH	F					
ILALLI ALIUAI	LD VALVI	<u> </u>					
3″							_
	\sim						
	ELEX DINT						
							B
3″ ,	\sim						
	TLEX						
	DINT						
							<u> </u>
JTO PURGE							
: OPTIONAL							
	DL LEGEND = MINUS DRAF	t 🏆 🦷 Re	DDITIONAL CONTR CQ'D	ANSI sta	to conform to revision of to ndards.	o the he following	1
۲	= PLUS DRAFT	(BHN) = BF	RINELL HARDNES	S Y14. 3 Mul Y14. 5M Di	ti and sectiona mensioning and	tolerancing	
	X ±			SCALE DRAW	ING FOR D		
. XX . XX	DEG. > ±			2 of 2		1:16	
. XX Z(CONFIDENTIA	AL DISCEDSORE	of Distance	LUNECKED	APPROVED B	17	1
. XX Z(CONFIDENTIA This drawing is POWEREX, INC. of the and subject to re ontents are confide	s the property of SCOTT FETZER CO sturn on demand. ential and must	DRAWN IMPANY Its not be BFH	CHECKED BY DMS	APPROVED B ENGINEERIN JBC	IG MFG/MRKTG CT	1
XX 	This drawing is POWEREX, INC. of the and subject to re ontents are confide opied or submitted use or e ERIAL	s the property of SCOTT FETZER CD iturn on demand. ential and must to outside part xamination.	MPANY Its not ke les for 11/15	I DMS	JBC	СТ	-
. XX c MAT	This drawing is POWEREX, INC. of the and subject to re ontents are confide opied or submitted use or e	s the property of SCOTT FETZER CD iturn on demand. ential and must to outside part xamination.	Tts BFH not be les for 11/15	1 DMS 712 17271 POV	JBC 3 1/2/13	СТ 3 1/2/13 ЕХ	
. XX ZC MAT PAR	This drawing is POWEREX, INC. of the and subject to re ontents are confide opied or submitted use or e ERIAL	s the property of SCDIT FETZER CO turn on demand. ential and must to outside part xamination.	Its not be lies for 11/15	1 DMS /12 1/2/1 POV	JBC 3 1/2/13	СТ 3 1/2/13 ЕХ	-
. XX ZC MAT PAR	This drawing is PDFERX, INC of the and subject to re- ontents are confid opied or subnitted use or e ERIAL T NAME DUPLEX Lf	s the property of SCDIT FETZER CO turn on demand. ential and must to outside part xamination.	UM	1 DMS 712 17271 POV	JBC 3 1/2/13 VER , HARRISON, DHI FAX: (513) 367-	CT 3 1/2/13	-

REV ZONE

REVISION

1

DATE ECN NAME CHKD

	8 7	6	5	4	3
ם		2.	4.00		
_	MINIMUM RECOMMENDED ELECTRICAL PANEL CLEARANCE PER OSHA/ NEC			5	
С	MINIMUM RECOMMENDED MAINTENANCE CLEARANCE	31.73)0— -	
			ļ		
В	PBMI/HMI CONTROL PANEL PANEL	2X 3' MNPT DUTLET			4' MNPT AIR INLET 200GAL ASME RECEIVER 87.00
			8.00 74.93 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	.75	45.16
A					

4

8

7

6

	SYMBOL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT	/ - REQ'D	AL CONTROL HARDNESS	Drawings to current rev ANSI standar Y14.3 Multi o Y14.5M Dimensi	ision of rds. Ind sectio	the f nal vi	ollowing en dags.	
	TOLERANCES NOT SPECIFIED . XX ±	AUTOCAD Rel2008 LT	DO NOT SCA	LE DRAWIN	G FOR	DIME	NSIONS	
	CDMFIDENTIAL DISCLOSURE This drawing is the property of PDWERKL, INC. of the SCOTT FETCER COMPANY		Sheet 1	Sheet 1 of 2		scale 1:18		$ \land$
			DRAWN BY	CHECKED BY	APPROVED		FG/MRKTG	
	and subject to return on contents are confidential a	demand. Its nd must not be	BFH	DMS	JBC		СТ	
	This drawing is the property of		11/15/12	1/2/13	1/2/1	3 1	1/2/13	
				OW	(= ;	λΞ,	X	
	20HP I AB V			CTION DRIVE, HA -769-7979 FAX				
	COTIL LAD V	ACOUM	DWG ND				SIZE	
	200GAL DU	IPLEX	LV	PD20	05		$ \mathbb{D} $	
	2			-	1	LVI	PD2005B. dwg	

NOTE: AUTO PURGE IS OPTIONAL.

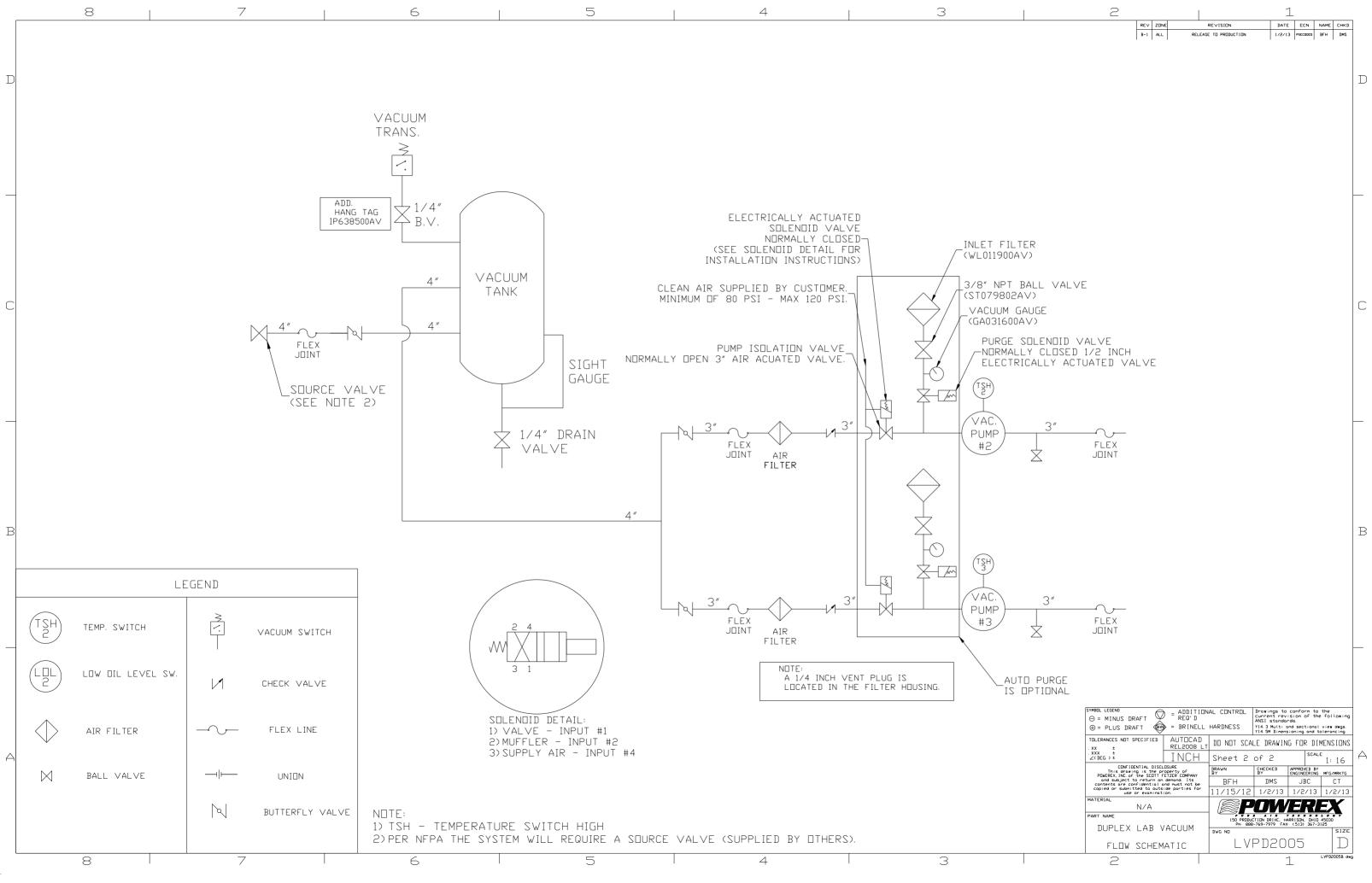


З

В

D

C



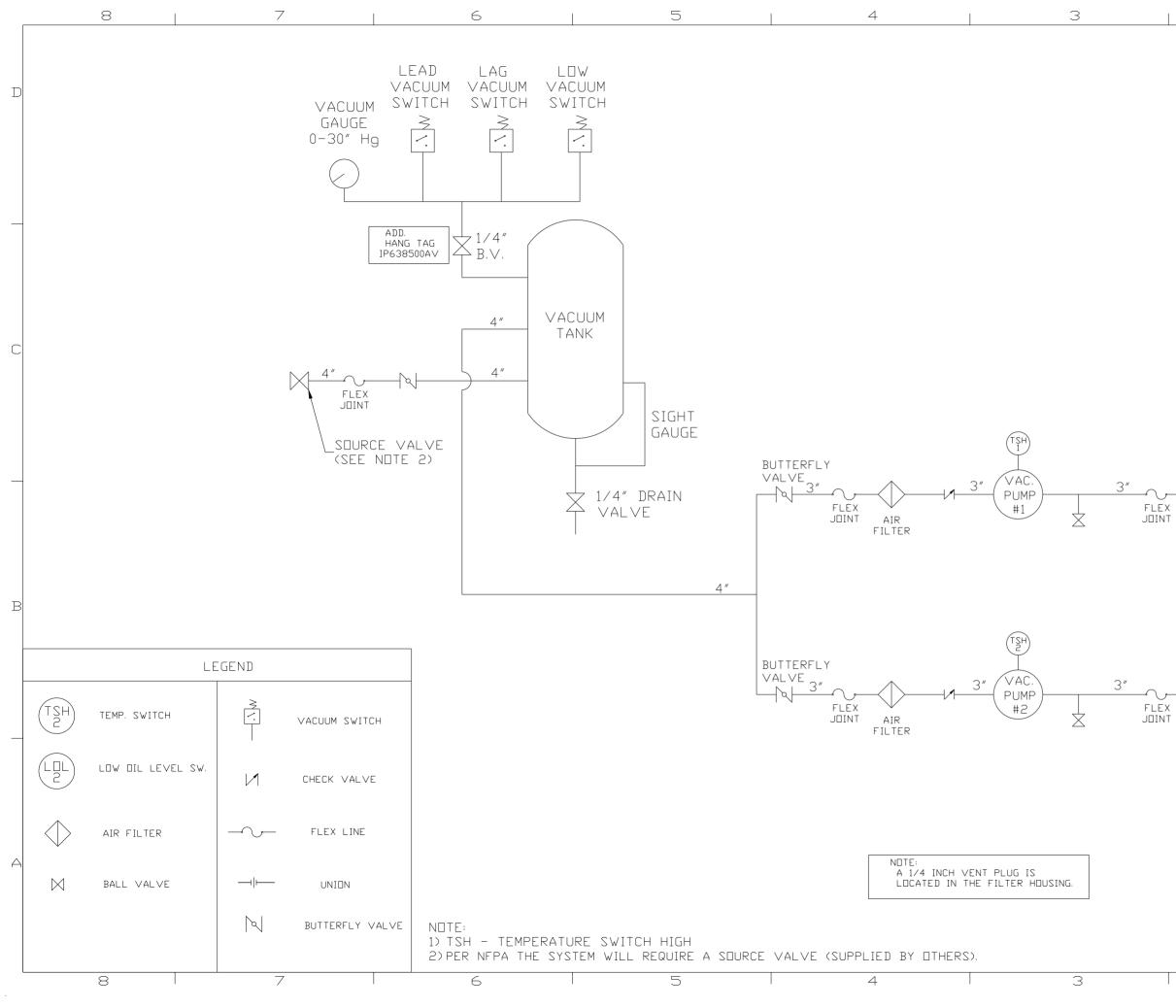
PURGE FIONAL							
	SYMBDL LEGEND ⊖ = MINUS DRAFT ⊕ = PLUS DRAFT	REQ'D	HARDNESS		and sectional	r following view dwgs.	
	TOLERANCES NOT SPECIFIED . XX ± . XXX ±	AUTECAD REL2008 LT			IG FOR DI		
	∠(DEG.) ± CONFIDENTIAL DISCL This drawing is the pr PDWEREX,INC.of the SCDIT F and subject to return an	operty of ETZER COMPANY	Sheet 2 BRAWN BY	CHECKED BY	APPROVED BY ENGINEERING	1: 16 mfg/mrktg	
	contents are confidential a copied or submitted to outs use or examinat	nd must not be ide parties for	BFH 11/15/12	DMS 1/2/13	JBC 1/2/13	CT 1/2/13	
	MATERIAL NAME			OW	[];]	EX	
	DUPLEX LAB V	ACUUM		TION DRIVE, H -769-7979 FAX			
	FLOW SCHEM	ATIC	LV	D50	05		
	2				1	LVPD2005B. dwg	i

Г	8	7	6		5	4	3	2		VISION DATE ECN
D								F	B-1 ALL RELEASE TO	1/2/13 PRODUCTION 1/2/13 PRECO000
		MINIMUM R ELECTR CLEARANCE PER	PECOMMENDE D RICAL PANEL 2 DSHA/ NEC		-4.37 21.75					
С		MI MAIN	INIMUM RECOMMENDED TENANCE CLEARANCE							
			;							
В		BASIC CONTROL PANEL		2X 3' MNPT DUTLET			4' MNPT AIR INLET 200GAL ASME RECEIVER			
			40.27					Symbol Legend ⊖ = MINUS DRAI	FT = ADDITIONAL REQ'D	- CONTROL Drawings to conform to current revision of th ANSI standards.
А		43.00 45.00 90.00 45.00			ex ø.75	Ļ	ŢŢ	TOLERANCES NOT SPE .XX ± .XX ± .CDWFIDENT This drawing PDWEEK, NE of th and subject to 	T CIFIED AUTICAD RELEVONS LT D INCH S INCH S	ARDNESS Y14.3 Multi and section Y14.5 MURENSIGHIG and Y14.5 MURENSIGHIG and DD NDT SCALE DRAWING FDR D Sheet 1 of 2 Sheet 1 of 2 SCE RMMN BY BFH DMS 1/15/12 1/2/13 INFORMERIE Information INFORMERIE Information INFORMERIE BFH DMS JBC 1/15/12 1/2/13 INFORMERIE Information INFORMERIE BERGERIE INFORMERIE BERGERIE INFORMERIE Information INFORMERIE Information
	8	7	6		5	4	3	200GAL	DUPLEX	LVPD2005 1

	SYMBOL LEGEND ⊖ = MINUS DRAFT) = ADDITIC REQ'D	ONAL CONTROL	Drawings to current rev ANSI standa	ision of th		
	⊕ = PLUS DRAFT	▶ = BRINELL	L HARDNESS	Y14.3 Multi d Y14.5M Dimens			
	TOLERANCES NOT SPECIFIED . XX ±	AUTOCAD Rel2008 L		LE DRAWIN	IG FOR DI	MENSIONS	
	.XXX ± ∠CDEG.>±	INCH	Sheet 1	of 2	SCAL	.е 1:18	A
CONFIDENTIAL DISCLOSURE This drawing is the property of POWEREX, INC. of the SCOTT FETZER COMPANY			DRAWN BY	CHECKED BY	APPROVED BY ENGINEERING		
	and subject to return on contents are confidential a	CDEG.) ± INCUSURE CDNFIDENTIAL DISCLOSURE This drawing is the property of PDVEREX, INC of the SCOTT FEIZER COMPANY and subject to return on demand. Its contentis are confidential and must not be pojeted or submitted to outside parties for use or examination. TERIAL	BFH	DMS	JBC	CT	
contents are confidential and must not be copied or submitted to outside parties for use or examination.		11/15/12	1/2/13	1/2/13	1/2/13		
MATERIAL N/A				OW		EX	
	PART NAME			CTION DRIVE, H			
	20HP LAB V	ACUUM	DWG ND	5-767-7979 FAA	. (313/ 36/-2	SIZE	
	200GAL DL	IPLEX	LV	PD2C	105	$ \mathbb{D} $	
	0			-	1	LVPD2005B. dwg	

D

С



⊖ = MINUS DRAFT REQ'D	IONAL CONTROL LL HARDNESS	current rev ANSI standa Y14.3 Multi i	conform to ision of the rds. and sectional sioning and t	r following view dwgs.	
TOLERANCES NOT SPECIFIED AUTOCAT		LE DRAWIN	IG FOR DI	MENSIONS	
· XXX ± ∠(DEG.)± INCH	Sheet 2	of 2	SCAL	E 1:16] f
CONFIDENTIAL DISCLOSURE This drawing is the property of POWEREX, INC. of the SCOTT FETZER COMPANY	DRAWN BY	CHECKED BY	APPROVED BY ENGINEERING	MFG/MRKTG	
and subject to return on demand. Its contents are confidential and must not be copied or submitted to outside parties for use or examination.		DMS	JBC	CT	
MATERIAL N/A		OW		EX	1
DUPLEX LAB VACUUM		CTION DRIVE, H 3-769-7979 FAX		125	
FLOW SCHEMATIC		PD20	05		
2			1	LVPD2005B. dwg	9

REV ZONE B-1 ALL

REVISION RELEASE TO PRODUCTION 1

 DATE
 ECN
 NAME
 CHKD

 1/2/13
 PXEC0003
 BFH
 DMS

D

С

В