

Vacuum System Electrical Enclosure (TB-26)
(15-5032-1436 B)

<p>Written by: Cold Box Manufacturer: PHPK</p>	<p><u>Distribution :</u></p> <p>JLAB AL project team</p>
<p>Reviewed by Technical Manager: Gilles Flavien gilles.flavien@airliquide.com</p>	

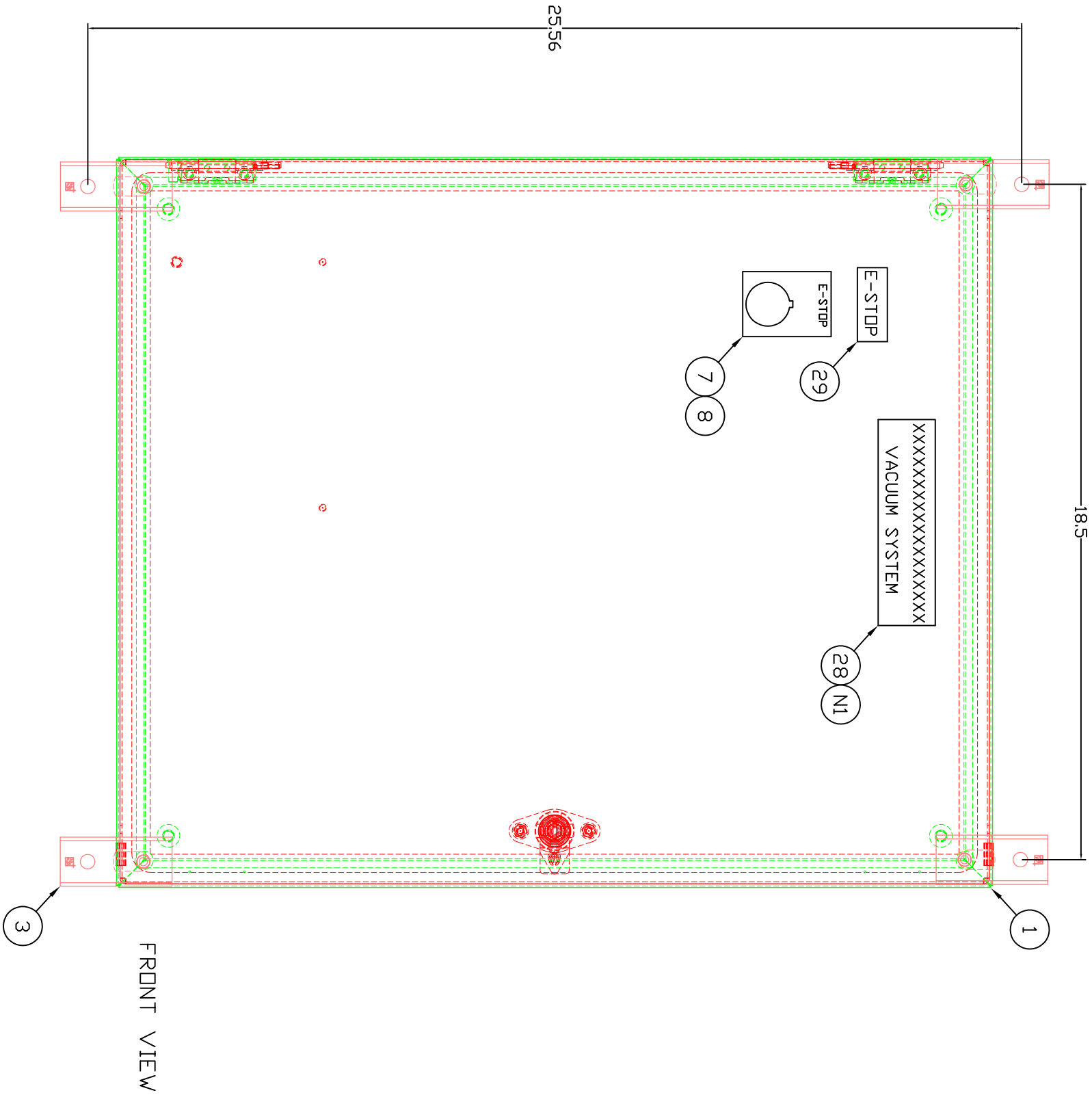
MODIFICATIONS RECORDING

ISSUE OF MODIF	DATE	WRITTEN BY	CHECKED BY	EVOLUTION OF THE DOCUMENT (Updated pages)	JUSTIFICATION OF THE MODIFICATION
<p>Note: Recording of modifications are included in document</p>					

REVISIONS

CHG.	DATE	DWN.	CH'KD.	ENGR.	REV'D	DESCRIPTION
X	XX/XX/XX	MJA	XXX	XXX	-	

TB-26



FRONT VIEW

NOTES:

- N1: FOUR TAGS (4)
ENGRAVED FIRST LINE:
1. "C11-TB26" (PLANT 1 UPPER)
 2. "C12-TB26" (PLANT 1 LOWER)
 3. "C21-TB26" (PLANT 2 UPPER)
 4. "C22-TB26" (PLANT 2 LOWER)

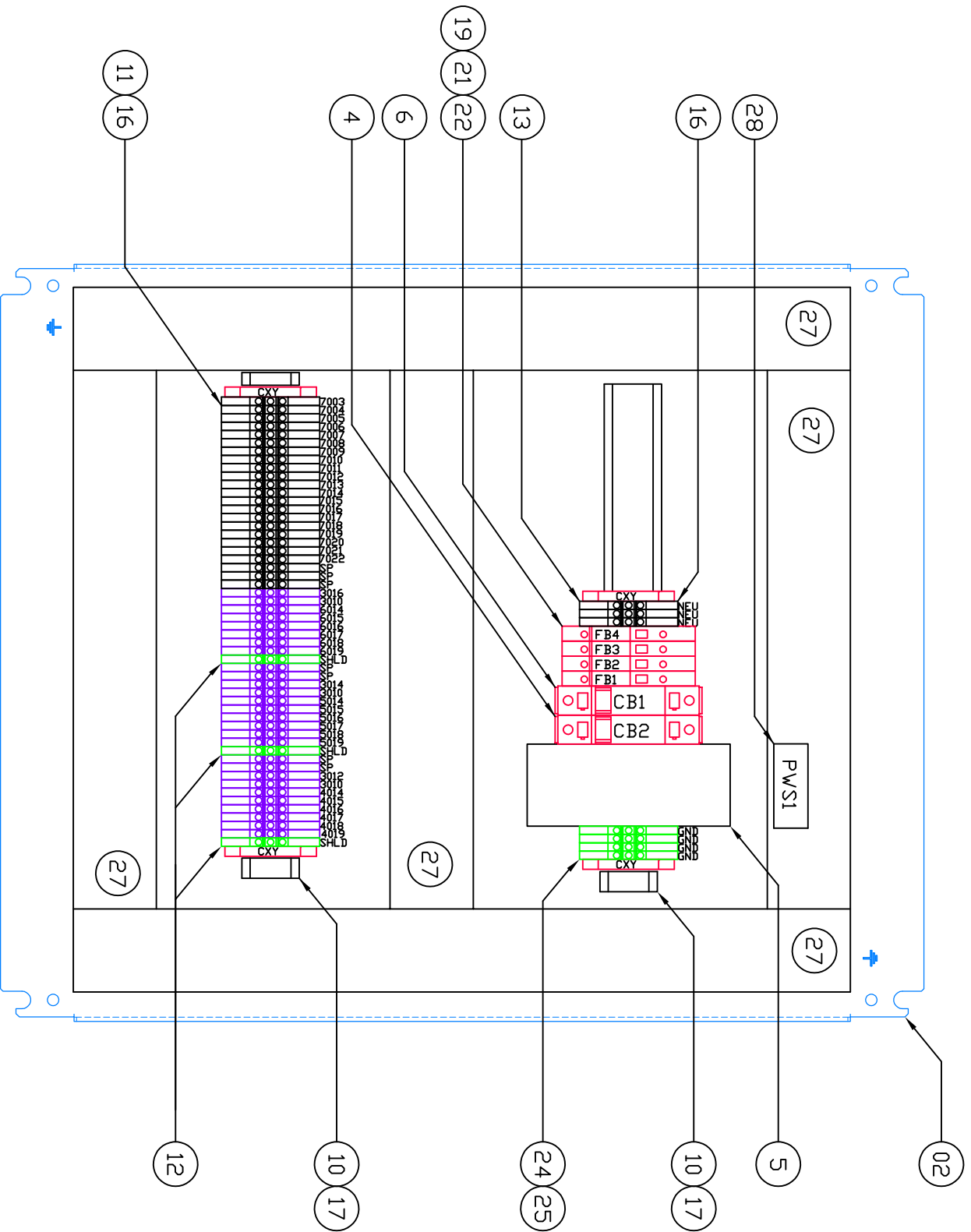
INFORMATION SHOWN ON THIS DRAWING IS PROPRIETARY AND THE SOLE PROPERTY OF PHPK AND IS NOT TO BE DISCLOSED OR TRANSMITTED TO UNAUTHORIZED PARTIES.

· LBS	·	·	·	·	·	·	·	·	·	·
WEIGHT	WORK ORDER	CONTRACT NO.	PART NUMBER	NO. REC'D	NEXT ASSEMBLY	SIZE				
DRAWN	MJA	TOLERANCES	PHPK TECHNOLOGIES 2111 BUILDERS PLACE COLUMBUS, OHIO 43204 LOTS II VACUUM SYSTEM ELECTRICAL PANEL EXTERIOR							
CHECKED	SPW	FRACTION								
ENGINEER	MJA	XX								
REVIEWED	SPE	ANGULAR								
REL. DATE	11/9/2016	SIZE	DRAWING NO.	CHG.						
DIMENSIONS ARE PROVIDED PRIOR TO SURFACE TREATMENTS UNLESS NOTED.		SCALE	NONE	SHEET	1	OF	3			

TB-26

REVISIONS

CHG.	DATE	DWN.	CH'KD.	ENGR.	REV'D	DESCRIPTION
X	XX/XX/XX	MJA	XXX	XXX	-	



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· LBS	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	
WEIGHT	WORK ORDER	CONTRACT NO.	PART NUMBER	NO. REV'D	NEXT ASSEMBLY	SIZE														
DRAWN	MJA	TOLERANCES	PHPK TECHNOLOGIES 2111 BUILDERS PLACE COLUMBUS, OHIO 43204 LCIS II VACUUM SYSTEM ELECTRICAL PANEL EXTERIOR																	
CHECKED	SPW	FRACTION																		
ENGINEER	MJA	XX																		
REVIEWED	SPW	XXX																		
REL. DATE	11/9/2016																			
DIMENSIONS ARE PROVIDED PRIOR TO SURFACE TREATMENTS UNLESS NOTED.		SCALE	NONE																	
		SIZE	B	DRAWING NO.	15-5032-1436	CHG.	B													
		SCALE	NONE																	
		SHEET	2	OF	3															

TB-26

REVISIONS

CHG.	DATE	DWN.	CH'KD.	ENGR.	REV'D	DESCRIPTION
X	XX/XX/XX	MJA	XXX	XXX	-	

NO. REQ'D.	P.D. NUMBER	ITEM	PART NUMBER	QTY	DESCRIPTION	TAG
-1					BILL OF MATERIAL	
1		01	CDWL		ELECTRICAL ENCLOSURE - 'HOFFMAN' CSD242010	
1		02	CDWL		ELECTRICAL PANEL, 'HOFFMAN', CP2420	
1		03	CDWL		MOUNTING BRACKET, 'HOFFMAN', CMFKSS (SET OF 4)	
1		04	CDWL		CIRCUIT BREAKER 4A 1P 'ALLEN-BRADLEY' # 1492-CBIF040	CBI
1		05	CDWL		POWER SUPPLY, 10A, 24 VDC 'SOLA' # SDN 2.5-24-100P	PWS-XY1
1		06	CDWL		CIRCUIT BREAKER 2A 1P 'ALLEN-BRADLEY' # 1492-CBIF020	CBI
1		07	CDWL		LEGEND PLATE, E-STOP 'ALLEN-BRADLEY' #800T-X648J DR =	
1		08	CDWL		PUSHBUTTON, RED MUSHROOM HEAD 'ALLEN-BRADLEY' #800T-FXJ6A5	
		09				
AS REQ'D		10	CDWL		DIN RAIL ' ALLEN BRADLEY' #1492-DR5 DR =	
23		11	CDWL		TERMINAL, GREY, 1 CIRCUIT 'ALLEN BRADLEY' # 1492-J3	
3		12	CDWL		TERMINAL, GREEN, 1 CIRCUIT 'ALLEN BRADLEY' # 1492-J3-G	
4		13	CDWL		TERMINAL, WHITE, 1 CIRCUIT 'ALLEN BRADLEY' # 1492-J3-W	
28		14	CDWL		TERMINAL, BLUE, 1 CIRCUIT 'ALLEN BRADLEY' # 1492-J3-B	
		15				
4		16	CDWL		END BARRIER FOR J3 TERMINALS 'ALLEN BRADLEY' # 1492-EBJ3	
4		17	CDWL		ANCHORS 'ALLEN BRADLEY' # 1492-ERL35 DR = THAT CAN BE LABELED	
2		18	CDWL		VACUUM GAUGE, GRANVILLE PHILLIPS 275912-EU (NW25KF FLANGE)	
4		19	CDWL		FUSE BLOCK W/LED 'ALLEN-BRADLEY' # 1492-H5	
2		20	CDWL		END BARRIER FOR H4/H5 'ALLEN-BRADLEY' 1492-N37	
3		21	CDWL		FUSE 'BUSSMAN' AGC-2	
1		22	CDWL		FUSE 'BUSSMAN' AGC-5	
1		23	CDWL			
4		24	CDWL		GROUNDING BLOCK 'ALLEN-BRADLEY' 1492-JG3	
2		25	CDWL		END BARRIER FOR GROUNDING BLOCK 'ALLEN-BRADLEY' 1492-EBJ3-Y	
		26	CDWL			
AS REQ'D		27	CDWL		WIRE DUCT, 2"W x 4"H WITH COVER 'PRANDUIT'	
2		28	CDWL		PLASTIC BLACK DN WHITE TAGS SIZED TO FIT, ENGRAVED AS SHOWN	
1		29	CDWL		PLASTIC WHITE DN RED TAGS SIZED TO FIT, ENGRAVED AS SHOWN	
		30	CDWL			
		31	CDWL			
		32				
		33				
		34				
		35				
		36				
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		38				
		39				
		40				
		41				

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. LBS	WORK ORDER	CONTRACT NO.	PART NUMBER	NO. REQ'D	NEXT ASSEMBLY	SIZE
WEIGHT	MJA					
DRAWN	SPW	FRACTION	PHPK TECHNOLOGIES 2111 BUILDERS PLACE COLUMBUS, OHIO 43204 LOIS II TB-26 BILL OF MATERIAL			
CHECKED	MJA	XX				
ENGINEER	SPW	XXX				
REVIEWED	SPW	ANGULAR				
REL. DATE	11/9/2016		SIZE	DRAWING NO.	CHG.	
			B	15-5032-1436	B	
DIMENSIONS ARE PROVIDED PRIOR TO SURFACE TREATMENTS UNLESS NOTED.			SCALE	NONE	SHEET	3 OF 3