

E-600

GAS/GAS EXCHANGER

324mm O.D. x 1216mm TS/TS x 2 PASS
TS : 8963 kPag @ -28.8°C/65.5°C 1.59mm C.A.
SS : 8963 kPag @ -28.8°C/65.5°C 1.59mm C.A.
(111_01)

E-610

GAS CHILLER

406mm O.D. x 762mm O.D. x 6090mm FOF/S
TS : 8963 kPag @ -28.8°C/65.5°C 1.59mm C.A. 1724 kPag @ -28.8°C/65.5°C 1.59mm C.A.
SS : 1724 kPag @ -28.8°C/65.5°C 1.59mm C.A.
(111_02)

V-610

PROPANE SUCTION SCRUBBER

610mm O.D. x 3048mm S/S
SPORLAN MODEL C-19212-P
c/w FOUR(4) RC-4864 CORES
(111_61)

E-603

REFRIGERANT FILTER/DRYER

914mm O.D. x 4572mm S/S
TS: 8963 kPag @ -28.8°C/65.5°C 1.59mm C.A.
SS: 1724 kPag @ -28.8°C/65.5°C 1.59mm C.A.
(111_06)

V-620

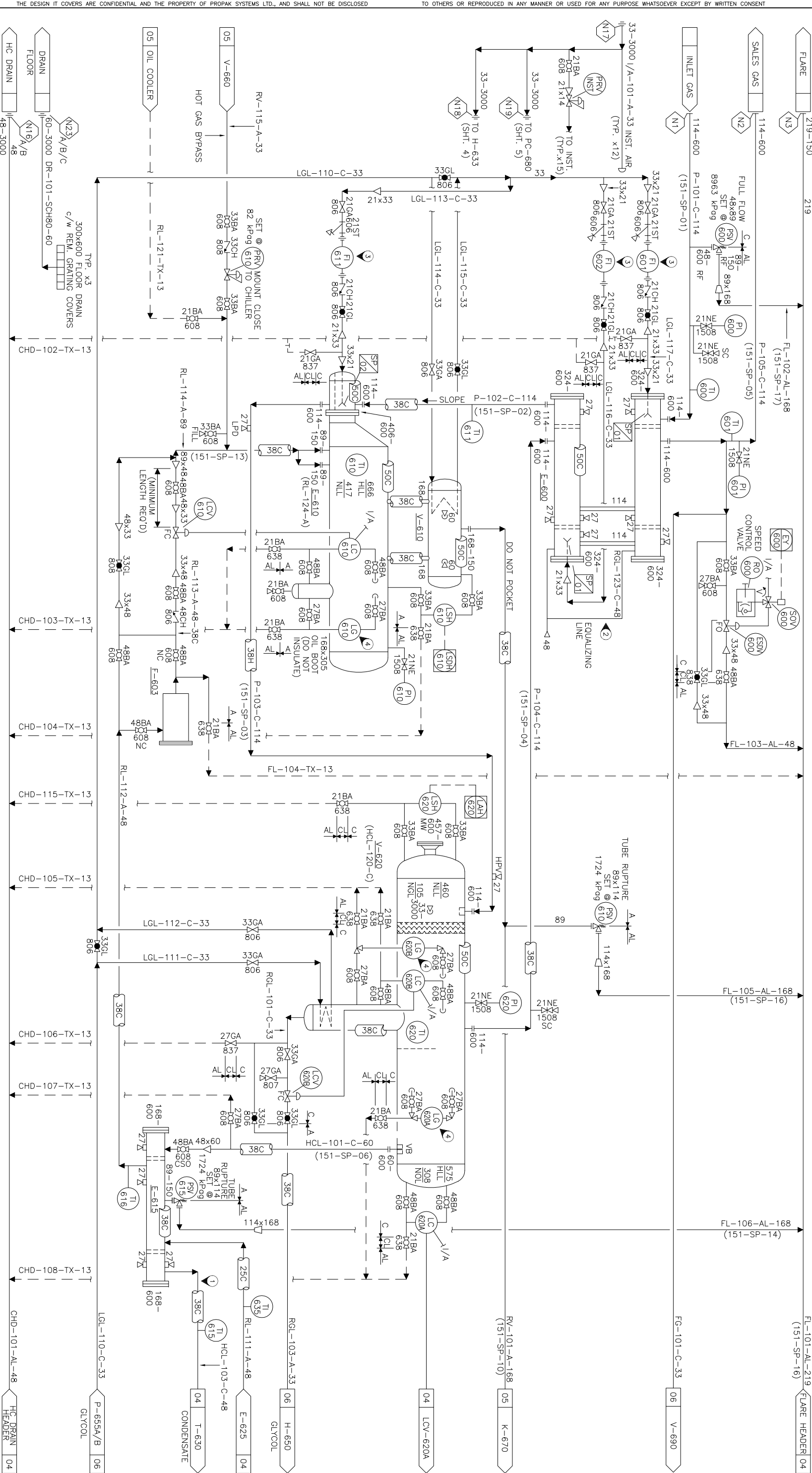
LOW TEMP. SEPARATOR

168mm O.D. x 6090mm TS/TS
TS: 8963 kPag @ -28.8°C/65.5°C 1.59mm C.A.
SS: 1724 kPag @ -28.8°C/65.5°C 1.59mm C.A.
(111_03)

E-615

REFRIGERANT SUBCOOLER

168mm O.D. x 6090mm TS/TS
TS: 8963 kPag @ -28.8°C/65.5°C 1.59mm C.A.
SS: 1724 kPag @ -28.8°C/65.5°C 1.59mm C.A.
(111_03)



THIS DRAWING AND	THE DESIGN IT COVERS ARE CONFIDENTIAL AND THE PROPERTY OF PROPAG SYSTEMS LTD., AND SHALL NOT BE DISCLOSED	TO OTHERS OR REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE WHATSOEVER EXCEPT BY WRITTEN CONSENT	OF PROPAG.
1. TOP TS OUTLET ON E-615 REQUIRED.	4. c/w FROST SHELLD.		
2. MINIMIZE THREADED CONNECTIONS ON			
EQUALIZING LINE.			
3. INSTALL FLOWMETER VERTICALLY WITH FLOW UP THRU			
METER WITH UNIONS.			
TO FACILITATE REMOVAL OF THE INSTRUMENT.			
GENERAL NOTES			
1	ISSUED FOR CONSTRUCTION	REVISION	
No.			
DATE: 2010/10/19 02:11 PM	J:\V08510\101531\20-DRAWINGS\FLOW MFS-101531-100-03.DWG	valeryk	
APPROVED		DRAWN	
BY: PSC		BY: PSC	
DATE: 09/11/09		DATE: 09/11/09	
ELECTRICAL		CHECKED	
DATE: 09/11/09		BY: D.LAW	
PROJECT		DATE: 09/11/09	
SCALE		SCALE	
DWG. D-MFS-101531-100		SHT. 3 OF 6 REV.	
PROPAG		PROPAG	
440 East Lake Road, Airdrie, Alberta Canada T4A 2J8		STOCK REFRIGERATION UNIT - REF8B MYCOM 8B REFRIGERATION PLANT MECHANICAL FLOWSHEET	

K-670
REFRIGERANT COMPRESSOR
MYCOM MODEL P8WB
38 USTR @ 81 kW, 1200 RPM
(111_45)

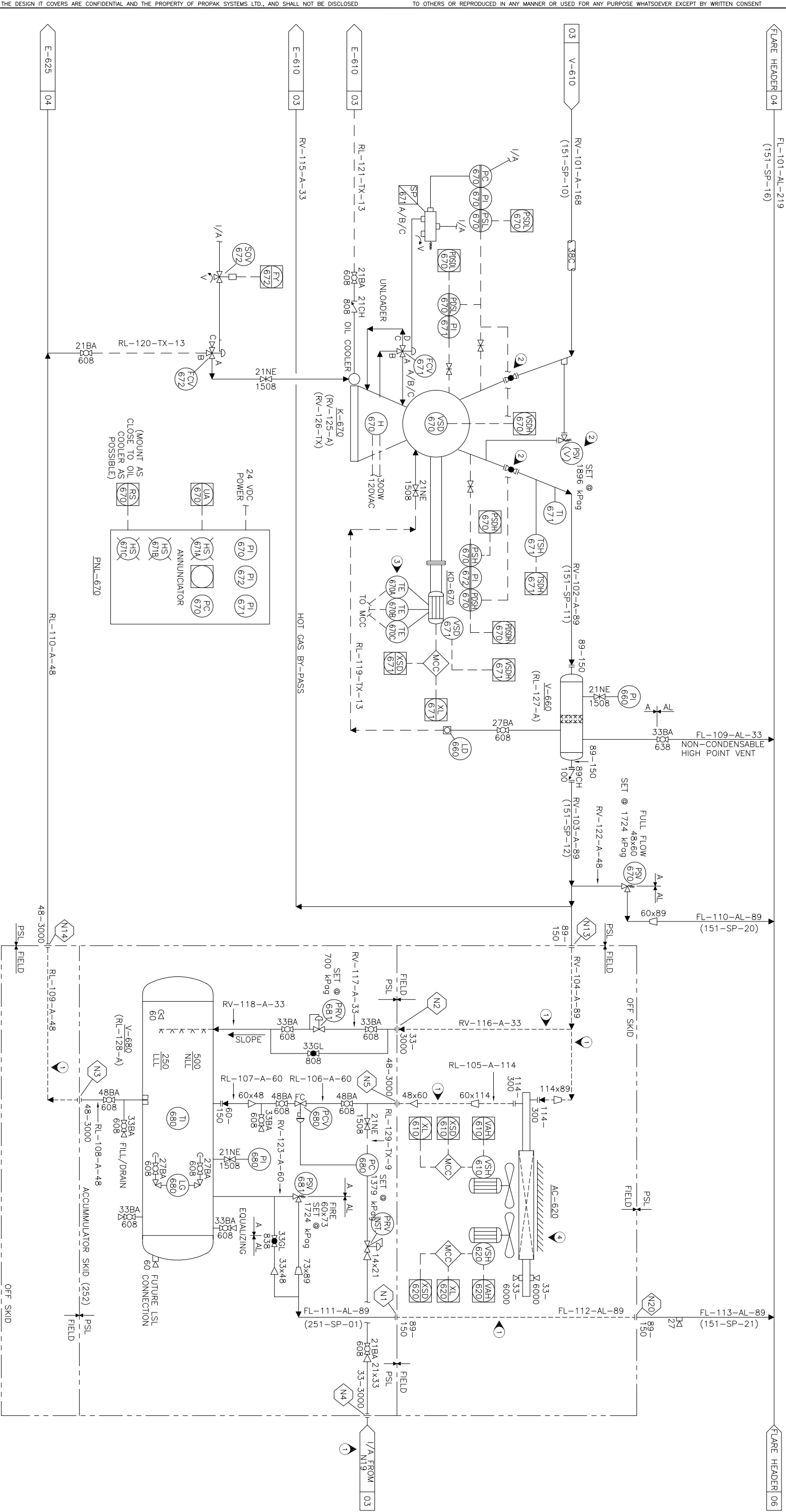
PNL-670
COMPRESSOR PANEL
ALTRONIC ANNUNCIATOR

KD-670
COMPRESSOR DRIVER
112 kW 480/3/60
xP 1200 RPM
1.15 SF. FRAME 449T
DIRECT DRIVE RENNORD
DBZ-B-351 COUPLING
(111_44)

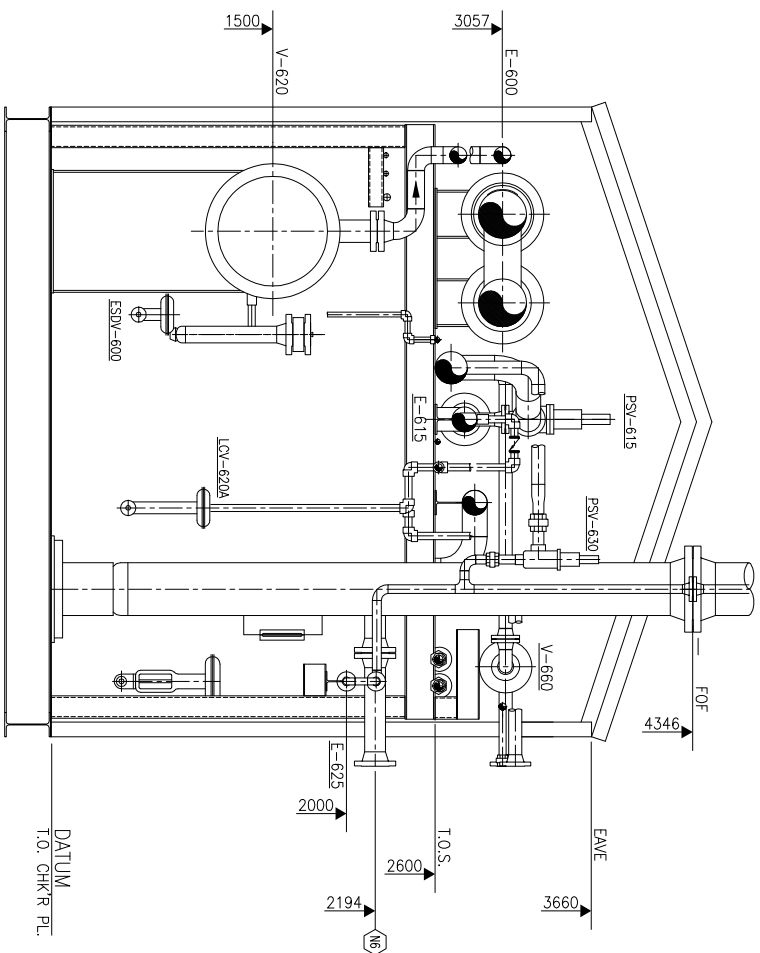
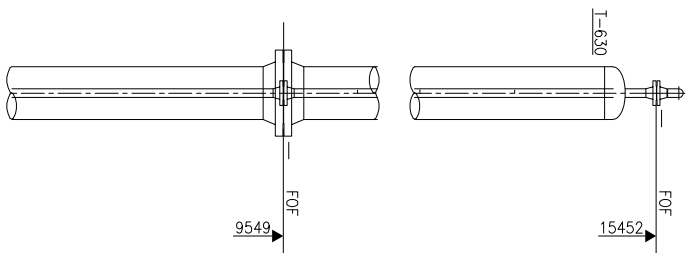
V-660
DISCHARGE OIL SCRUBBER
356mm O.D. x 610mm S/S
1724 kPag @ -28.8°C/93.3°C 1.59mm C.A.
(111_09)

V-680
REFRIGERANT ACCUMULATOR
762mm O.D. x 3048mm S/S
1724 kPag @ -28.8°C/65.5°C 1.59mm C.A.
(112_01)

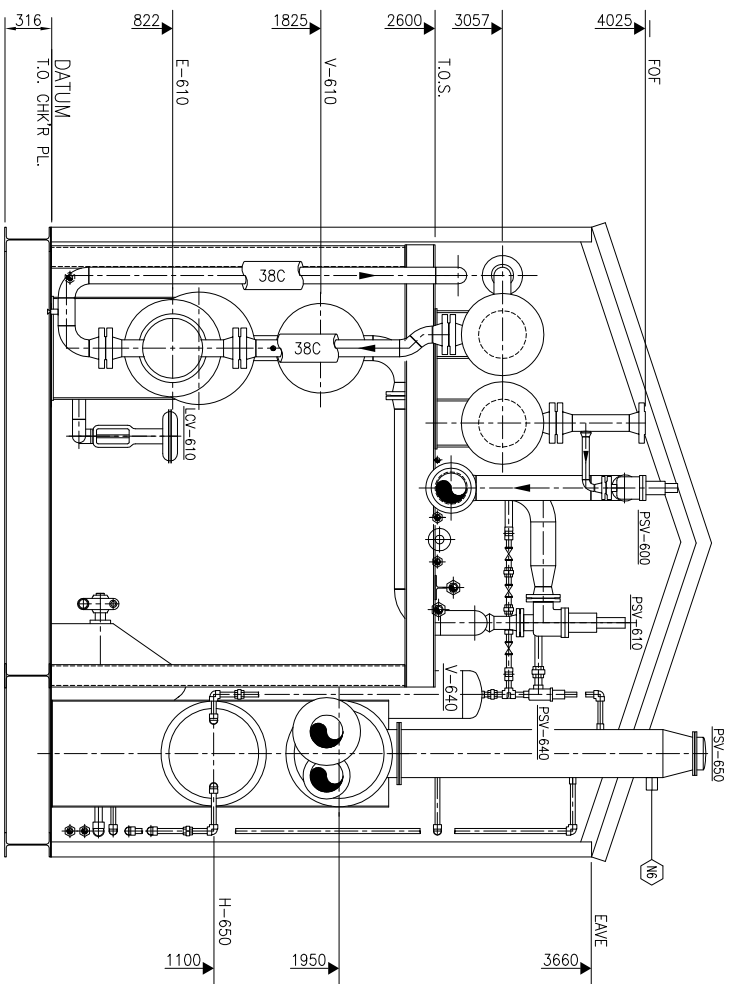
AC-620
REFRIG. CONDENSER
MODEL 1H2-93-288
@ -28.8°C/93.3°C 1.59mm C.A.
FAN: (2) 2134mm DIA MOORE 10000 SD 36
FAN DRIVER: (2) 11 kW TEFC
1800 RPM, 480/3/60
INTEGRAL WITH AC-610
(113_31/113_37)



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1. ON SKID SPOOLING BY PROPAK, OFF SKID SPOOLING BY OTHERS.										PROPAK									
2. SUPPLIED WITH COMPRESSOR.										PSC									
3. SUPPLIED WITH MOTOR.										BY DATE 09/11/09									
4. INSTALLER TO ENSURE ADEQUATE DRAINAGE TO PREVENT LIQUID POOLING UNDER COOLER.										STOCK REFRIGERATION UNIT – REFB8 MFCOM 88 REFRIGERATION PLANT MECHANICAL FLOWSHEET									
GENERAL NOTES										BY DATE 09/11/09									
1										SCALE									
ISSUED FOR CONSTRUCTION										DWG. D-MFS-101531-100									
No.										SHT. 5 OF 6									
REVISION										REV. 1									
MAF BY DATE 10/10/20										RHH CKD ENG									
DATE: 2010/10/19 02:11 PM J:\J08510\101531_20-DRAWINGS\FLW\MFS-101531-100-05.DWG										xofeyrk									



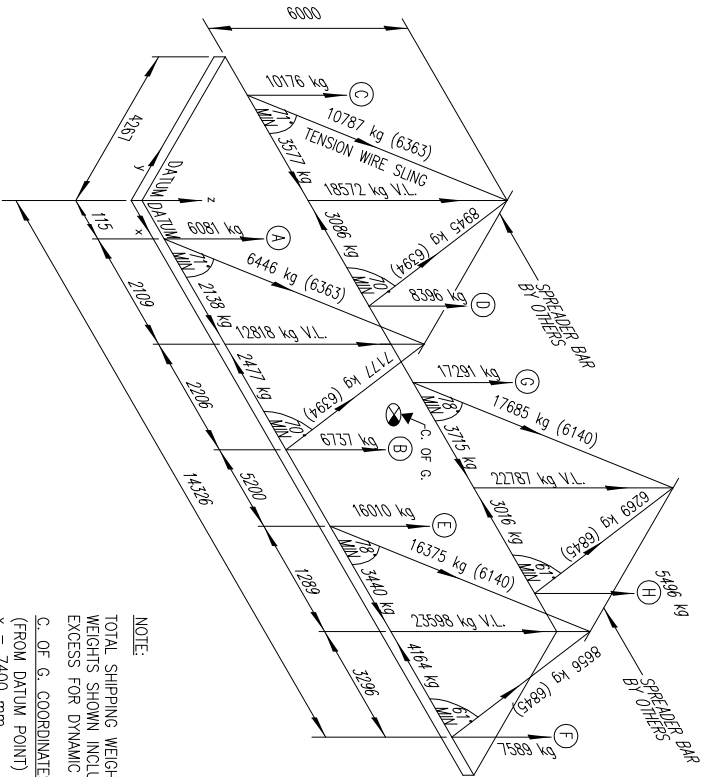
SECTION 'C-C'



SECTION 'D-D'

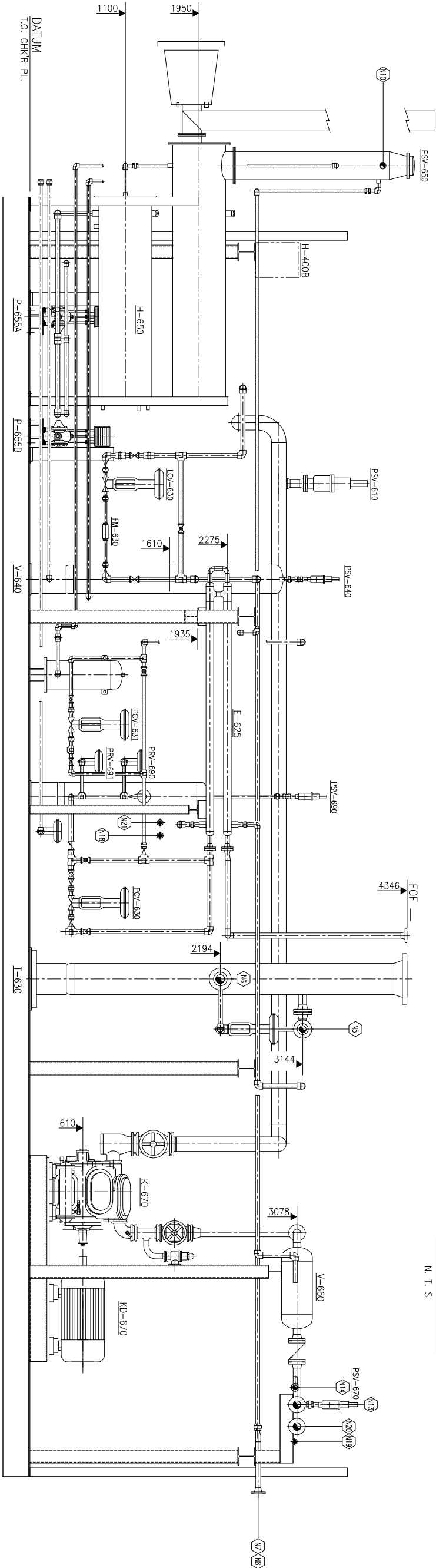
APPROVED						DRAWN		PROPAPK STOCK REFRIGERATION UNIT – REF8B REFRIGERATION SKID PIPING LAYOUT
			MECH / STRUCT.	BY	PSC	DATE	CHECKED	
			ELECTRICAL	BY	PSC	DATE		
			PROJECT	BY	PSC	DATE		
			SCALE	1:25				
			DWG. NO.	D-ASY-101531-152	SHEET	4 OF 4	REV.	
GENERAL NOTES DATE: 2011/07/24 09:41 AM J:\J085\101\101531\20-DRAWINGS\FAB ASYS\ASV-101531-152\LWOC_isobell.cad								
GENERAL NOTES No. 1 ISSUED FOR CONSTRUCTION REVISION BY DATE CKD ENG								

SHIPPING DATA		
ITEM	APPROX WT	DIMENSIONS (LxWxH)
SKID ASSEMBLY	51850 kg	16950 x 4267 x 4790
T-710	3500 kg	356 O/D x 14583 S/S
H-601 STILL COL	---- kg	----- x ---- x ----
H-601 STACK	---- kg	----- x ---- x ----
COMPRESSOR	2005 kg	
MOTOR	1110 kg	

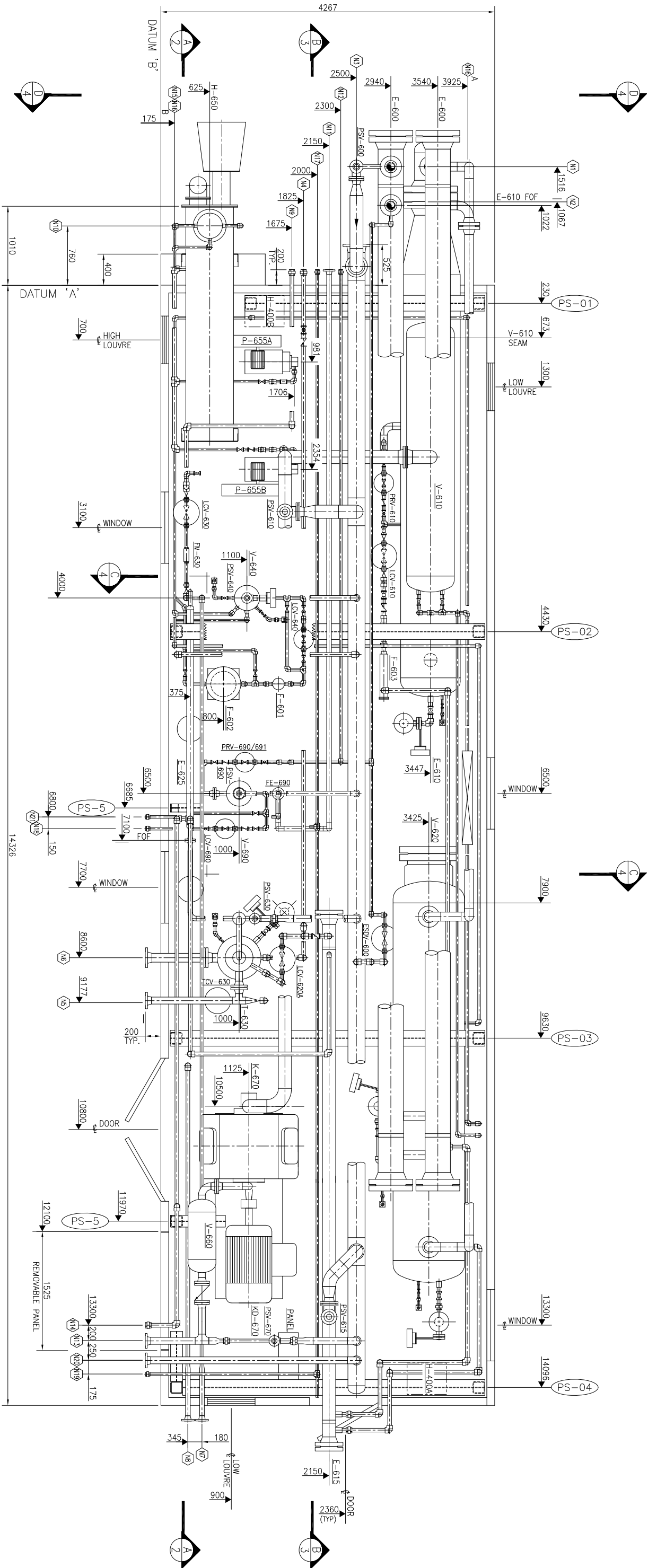


NOTE:
TOTAL SHIPPING WEIGHT: 51850 Kg
WEIGHTS SHOWN INCLUDE 50%
EXCESS FOR DYNAMIC LOADING
C. OF G. COORDINATES
(FROM DATUM POINT)
x = 7400 mm
y = 2270 mm
z = 1300mm

LIFTING DIAGRAM
N. T. S



PROPAK										PROPAK									
440 East Lake Road, Airdrie, Alberta Canada T4A 2J8																			
DWG. D-ASY-101531-152										SHEET 2 OF 4									
No.:										REV. 1									
SCALE 1:25																			
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PROJECT																			
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NOZZLE SCHEDULE			Q, ELEVATION
WK	SIZE	RATING/FACING	4025 F.O.F.
N1	4 NPS	600# RPNM	4025 F.O.F.
N2	4 NPS	600# RPNM	4025 F.O.F.
N3	8 NPS	150# FLARE HEADER	2720
N4	1/2 NPS	UNION	2724
N5	3 NPS	300# REBOLLER FEED TO H-633	3144
N6	4 NPS	300# REBOLLER RETURN FROM H-633	2194
N7	2 NPS	300# REBOLLER FEED TO AC-610	2630
N8	2 NPS	300# CONDENSATE TO AC-610	2630
N9	1 1/2 NPS	UNION	2624
N10	2 NPS	3000# CONDENSATE TO STORAGE	4800
N11	2 NPS	150# REBOLLER STEAM OUTLET	2630
		RPNM FUEL GAS OUT	

NOZZLE SCHEDULE				
MARK	SIZE	RATING	FACING	Q. ELEVATION
N12	1 NPS	3000#	UNION	2617
N13	3 NPS	150#	REFRIG. VAPOR TO AC-620	3078
N14	1 1/2 NPS	3000#	REFRIG. LIQUID FROM V-680	3063
N15	1 NPS	3000#	GLYCOL DRAIN	225
N16	1 1/2 NPS	3000#	H.C. DRAIN	125
N17	1 NPS	3000#	INST. AIR INLET	2617
N18	1 NPS	3000#	INST. AIR TO H-633	1500
N19	1 NPS	3000#	INST. AIR TO PC-680	3056
N20	3 NPS	150#	FLARE FROM PSV-681	3078
N21	1 NPS	3000#	FUEL GAS TO H-633	1500
N22	1 NPS	3000#	METER DRAIN	SHOP TO LOCATE
N23	2 NPS	—	FLOOR DRAIN	— 190

PROFAN ☐														
440 Lake Road, Airdrie, Alberta Canada T4A 2J8														
					APPROVED		DRAWN							
					MECH/STRUCT.		BY PSO							
					DATE		04/09/17							
					ELECTRICAL		CHECKED							
					DATE		BY PSO							
					PROJECT		DATE 04/09/17							
					DATE		11/01/24							
					SCALE		1:25							
					PROPAC					STOCK REFRIGERATION UNIT - REF88				
										REFRIGERATION SKID				
										PIPING LAYOUT				
					DWG. D-ASY-101531-152					SHEET 1 OF 4				
					No.:					REV. 1				
GENERAL NOTES					GENERAL NOTES									
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