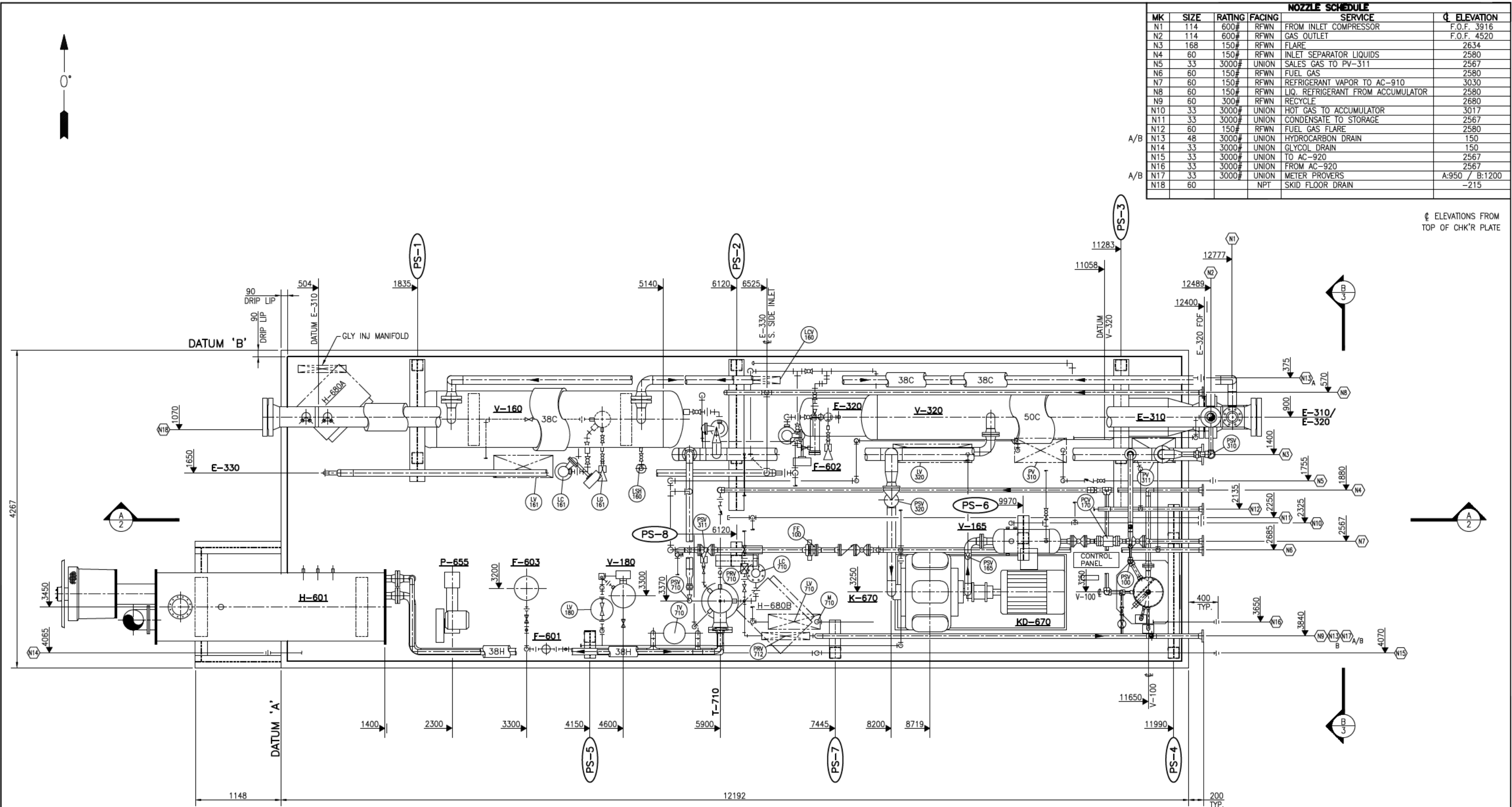


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NOZZLE SCHEDULE					
MK	SIZE	RATING	FACING	SERVICE	ELEVATION
N1	114	600#	RFWN	FROM INLET COMPRESSOR	F.O.F. 3916
N2	114	600#	RFWN	GAS OUTLET	F.O.F. 4520
N3	168	150#	RFWN	FLARE	2634
N4	60	150#	RFWN	INLET SEPARATOR LIQUIDS	2580
N5	33	3000#	UNION	SALES GAS TO PV-311	2567
N6	60	150#	RFWN	FUEL GAS	2580
N7	60	150#	RFWN	REFRIGERANT VAPOR TO AC-910	3030
N8	60	150#	RFWN	LIQ. REFRIGERANT FROM ACCUMULATOR	2580
N9	60	300#	RFWN	RECYCLE	2680
N10	33	3000#	UNION	HOT GAS TO ACCUMULATOR	3017
N11	33	3000#	UNION	CONDENSATE TO STORAGE	2567
N12	60	150#	RFWN	FUEL GAS FLARE	2580
N13	48	3000#	UNION	HYDROCARBON DRAIN	150
N14	33	3000#	UNION	GLYCOL DRAIN	150
N15	33	3000#	UNION	TO AC-920	2567
N16	33	3000#	UNION	FROM AC-920	2567
N17	33	3000#	UNION	METER PROVERS	A:950 / B:1200
N18	60		NPT	SKID FLOOR DRAIN	-215

ELEVATIONS FROM
TOP OF CHK'R PLATE

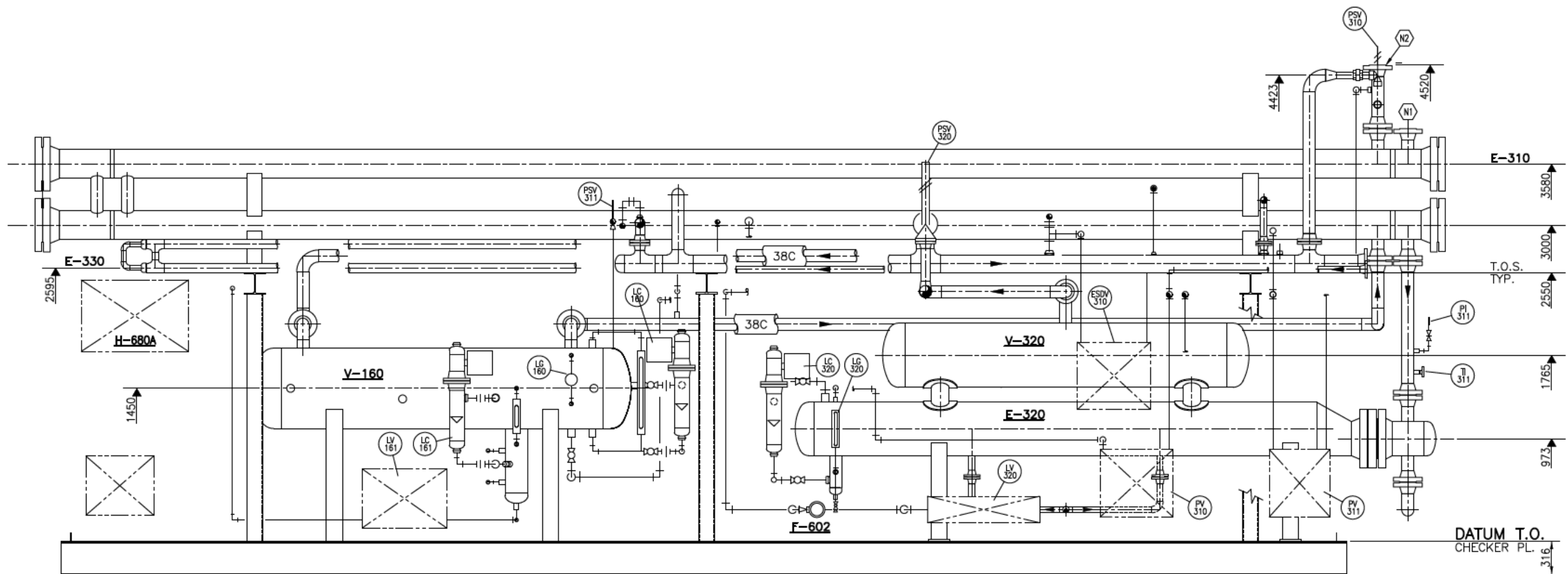
GENERAL NOTES		GENERAL NOTES	
1	ISSUED FOR CONSTRUCTION	1	ISSUED FOR CONSTRUCTION
2	ADDED CLIENT'S NAME AND V-100, DELETED BUILDING, HEATERS, N6, & N12, ELEV. OF N2 WAS 3916 F.O.F., RELOCATED PSV-310, N4 WAS 300#	2	ADDED CLIENT'S NAME AND V-100, DELETED BUILDING, HEATERS, N6, & N12, ELEV. OF N2 WAS 3916 F.O.F., RELOCATED PSV-310, N4 WAS 300#
3	ADDED N6 AND N12	3	ADDED N6 AND N12
4	AS BUILT	4	AS BUILT
DATE: 2004/10/27 01:10 PM J:\JOBS\04\043167\20-DRAWINGS\FAB\ASY\ASY-043167-152.DWG quentins		DATE: 2004/10/27 01:10 PM J:\JOBS\04\043167\20-DRAWINGS\FAB\ASY\ASY-043167-152.DWG quentins	
No.	REVISION	BY	DATE
		CKD	ENG
		AL	RT
		BLANMERS	04/07/22

APPROVED		DRAWN	
MECH./STRUCT.	BY	PSC	DATE
DATE	03/10/07	CHECKED	DATE
ELECTRICAL	BY	JLS	DATE
PROJECT	RT	DATE	03/10/07
DATE	03/10/07	SCALE	1:25

DWG. No.: D-ASY-043167-152		SHT 1 OF 3	REV. 4
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PROPAC
440 East Lake Road,
Airdrie, Alberta
Canada T4A 2J8

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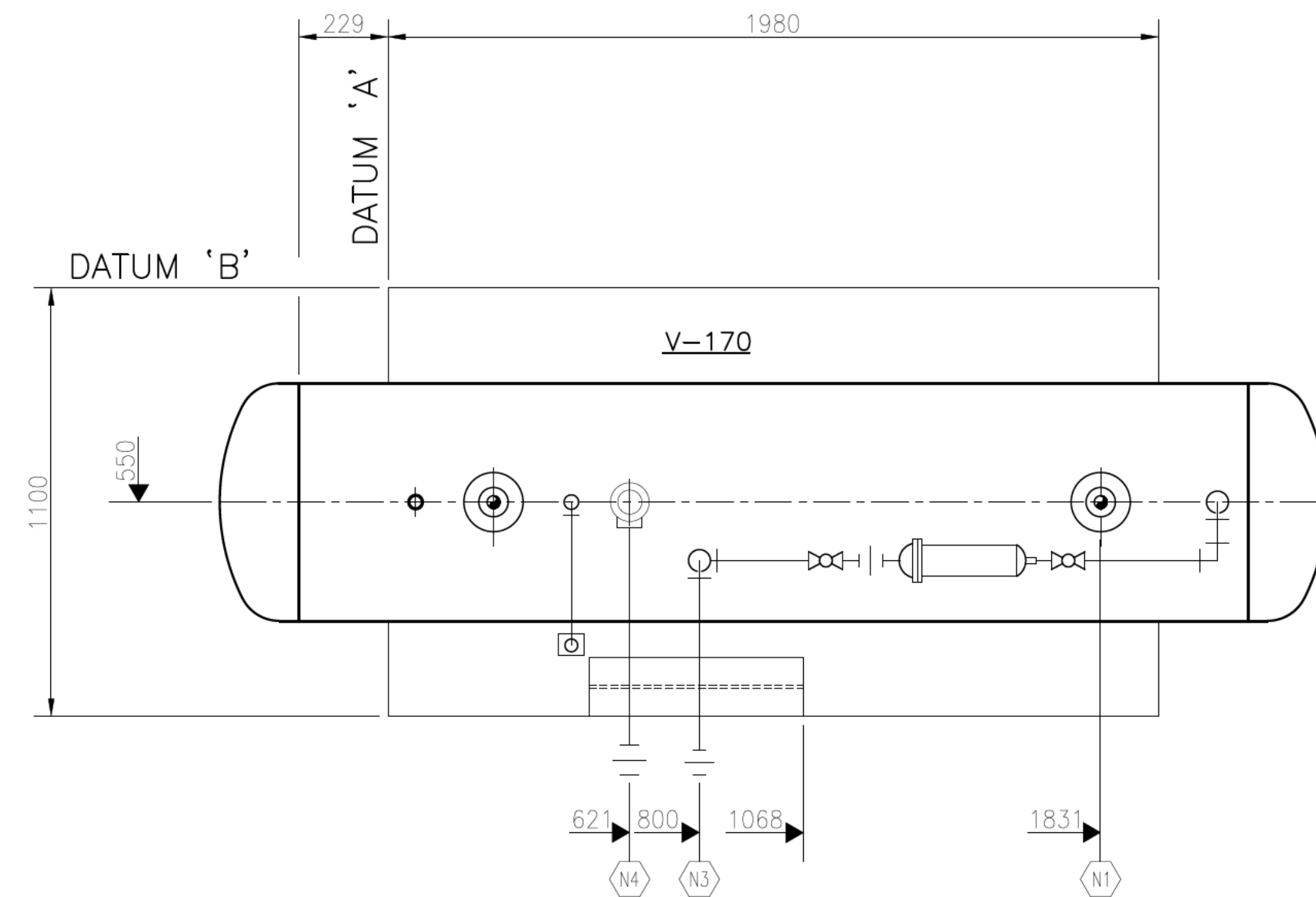
SECTION 'A-A'

GENERAL NOTES		GENERAL NOTES		REVISION		BY		DATE		CKD		ENG	
1		ISSUED FOR CONSTRUCTION		1		BLAMMERS		04/07/22		AL		RT	
2		ESDV-310 AND RELOCATED PSV-310		2		QLS		04/09/10		M.L		F.P.	
3		AS BUILT		3		QLS		04/10/27		QLS		C.daS	

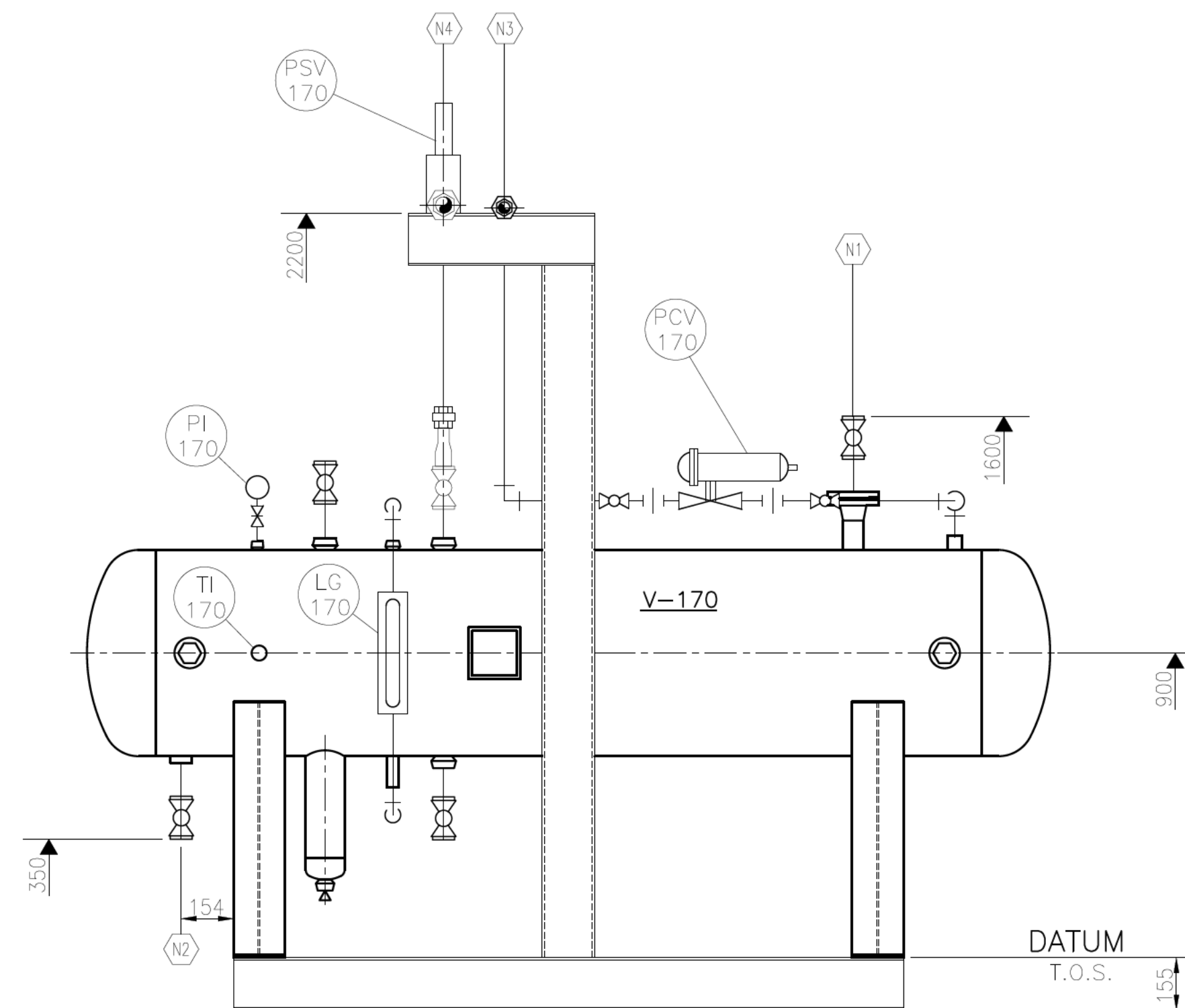
APPROVED		DRAWN	
MECH./STRUCT.	BY	DATE	PSC
DATE	03/10/07	DATE	03/10/07
ELECTRICAL	BY	DATE	JLS
DATE	03/10/07	DATE	03/10/07
PROJECT	RT	DATE	03/10/07
DATE	03/10/07	SCALE	1:25

REFRIGERATION UNIT 6B		DWG. No.: D-ASY-043167-152		SHT 2 OF 3		REV. 3	
PIPING LAYOUT							

PROPAK
440 East Lake Road,
Airdrie, Alberta
Canada T4A 2J8



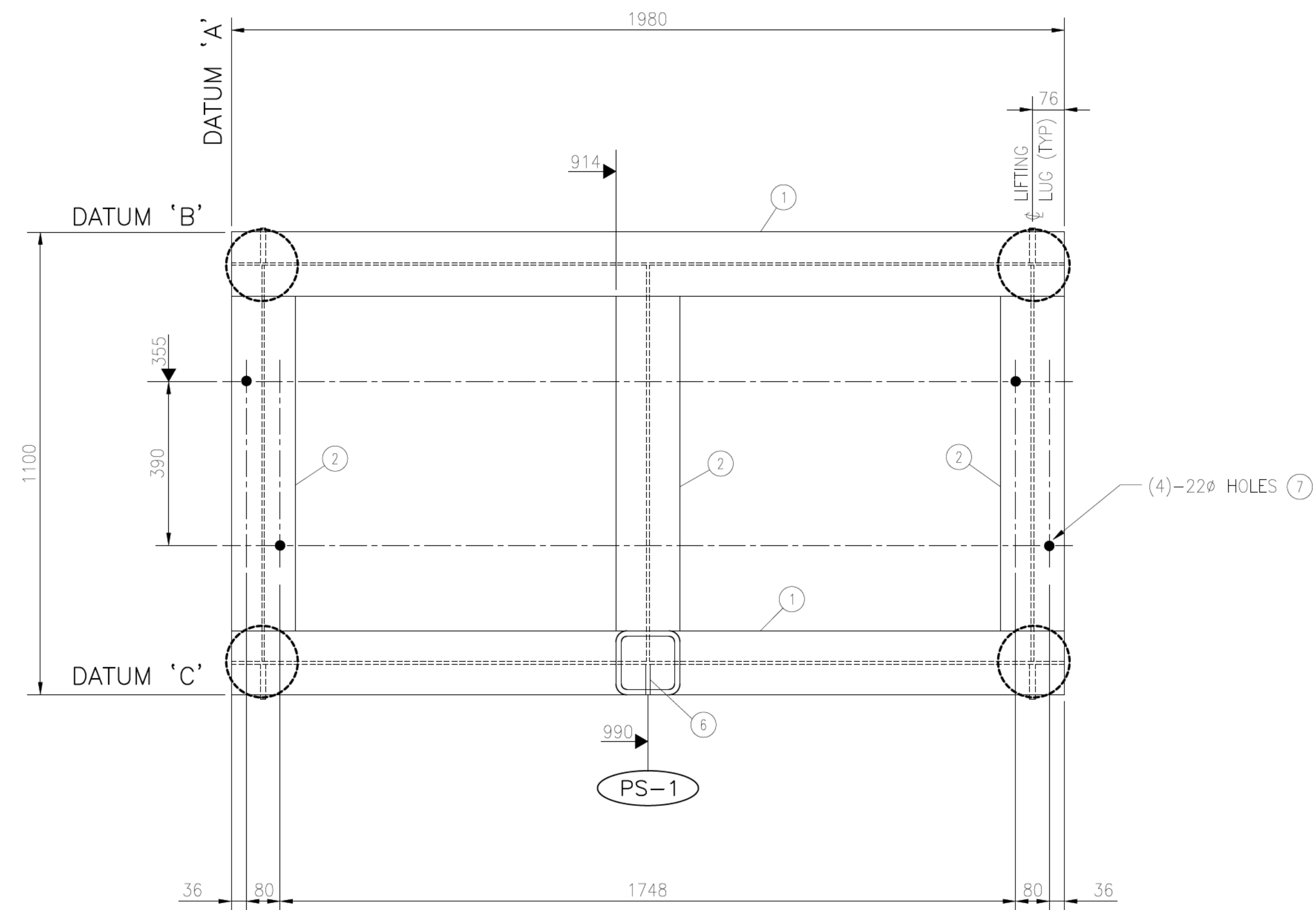
PLAN VIEW



SECTION 'A-A'

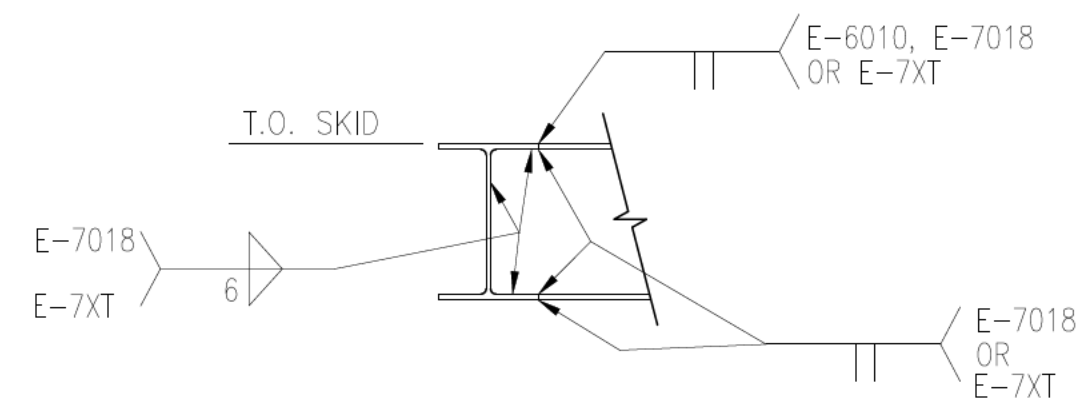
NOZZLE SCHEDULE					
MK	SIZE	RATING	FACING	SERVICE	¢ ELEVATION
N1	48	3000#	NPT	LIQUID REFRIGERANT INLET	—
N2	48	3000#	NPT	LIQUID REFRIGERANT OUTLET	—
N3	33	3000#	NPT	HOT GAS INLET	2213
N4	48	3000#	NPT	FLARE	2224

[illegible]



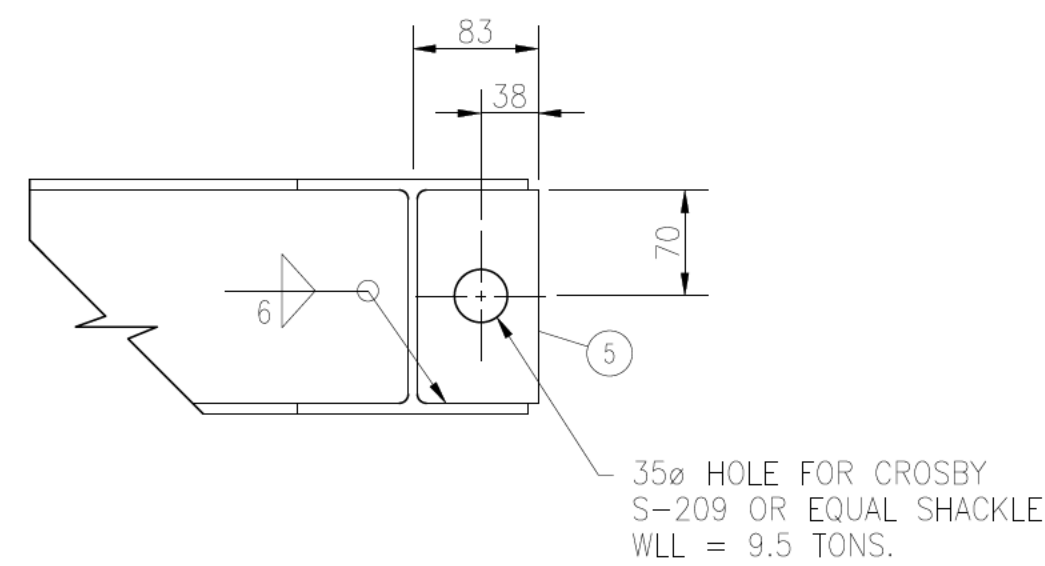
PLAN VIEW

SCALE 1:10



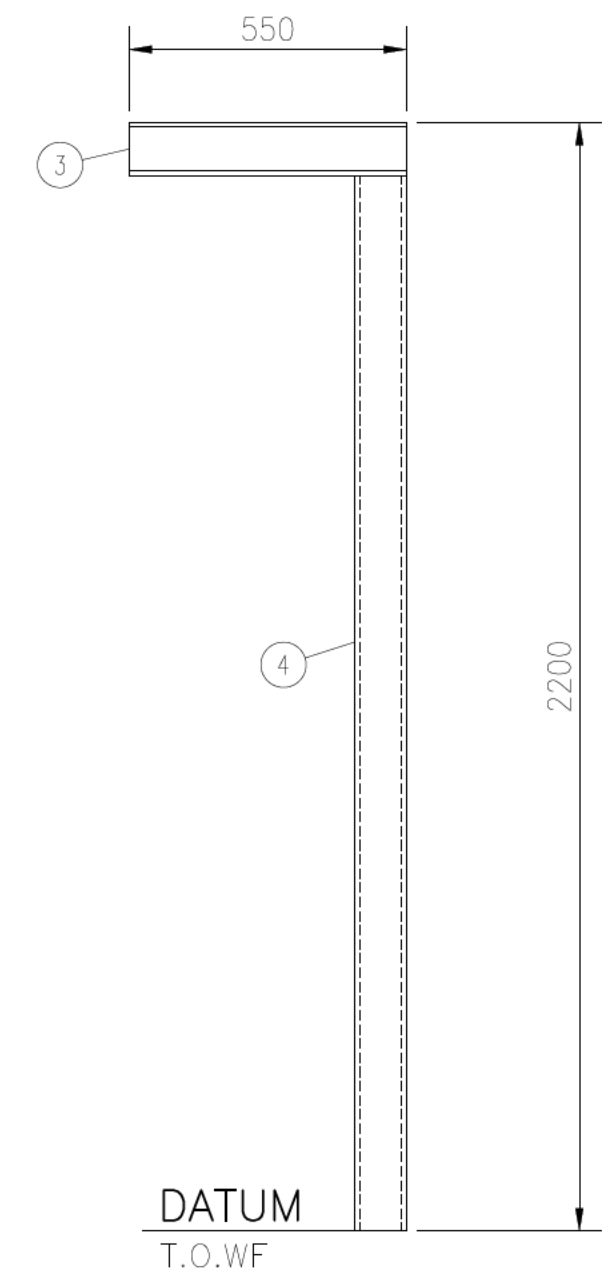
TYPICAL WELD DETAIL

SCALE 1:10



LIFTING LUG DETAIL

(SCALE 1:5)
(4) REQ'D



PS-1

(SCALE 1:15)
(LOOKING FROM DATUM 'C')

BILL OF MATERIAL			
ITEM	QUA	PART NO.	DESCRIPTION
1	2	330001	W150 x 22 x 1980 LG G40.21M-300W
2	3	330001	W150 x 22 x 942 LG G40.21M-300W
3	1	330001	W150 x 22 x 550 LG G40.21M-300W
4	1	332017	HSS: 152 x 152 x 6 THK x 2045 LG G40.21M-350W
5	4	327002	PLATE: 12.7 THK x 80 x 141 LG SA-36
6	1	370012	FLAT BAR: 6 THK x 76 x 141 LG CTS SA-36
7	4	200179	M/C BOLTS: 19# x 51 LG UNC c/w NUT AND WASHER SA-325

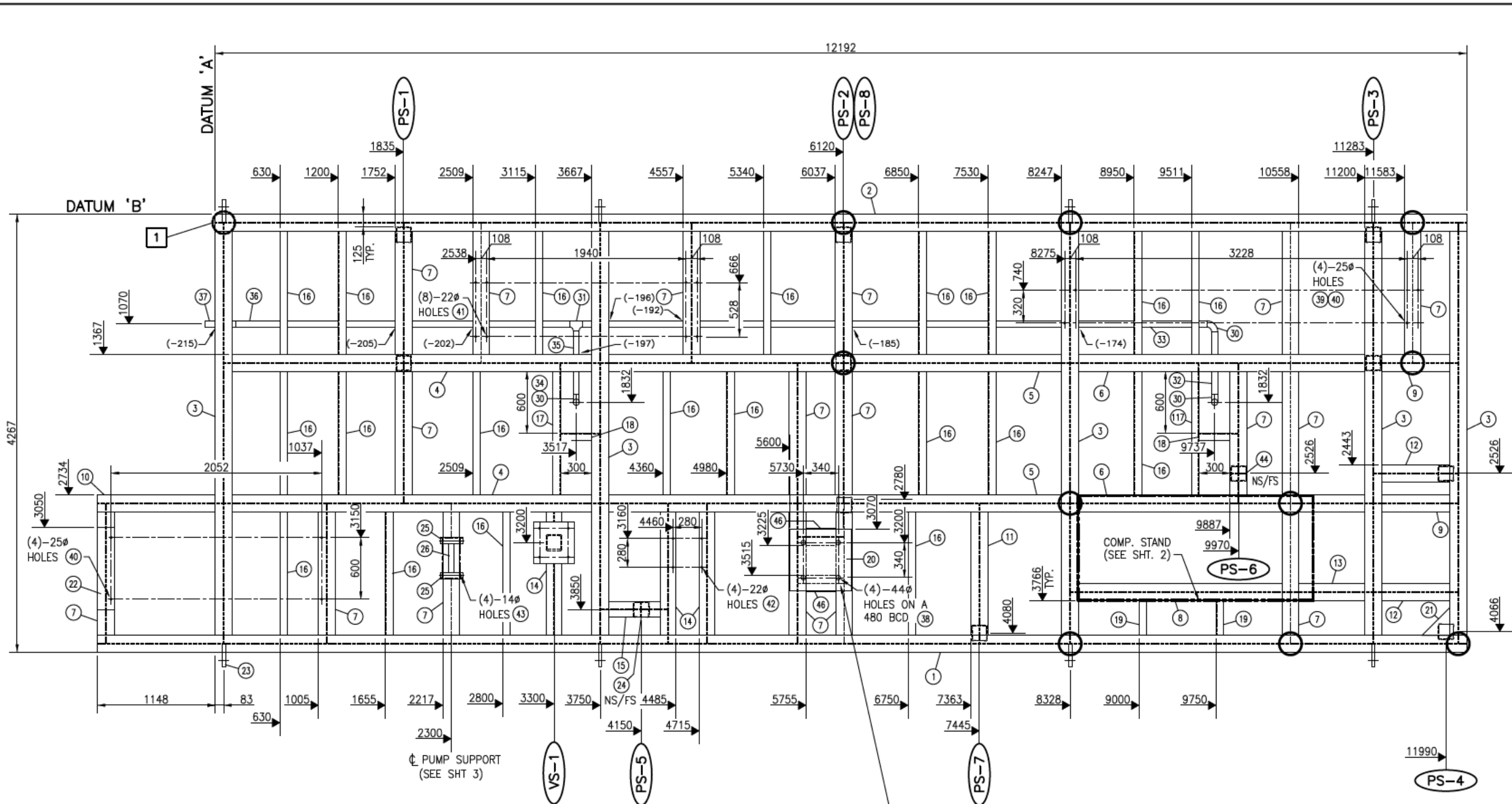
SHOP NOTES:

1. APPROX. WEIGHT OF SKID : 250 kg
2. COPE ALL MEMBERS TO SUIT.
3. CUT LENGTHS ARE EXACT WITH TOLERANCE OF $\pm 0/-3$
4. ALL WELDS TO BE 6 mm CONTINUOUS FILLET USING E-7018-1 (SMAW) E-7XT-X (FCAW) ELECTRODES UNLESS NOTED OTHERWISE.
5. REMOVE ALL SHARP EDGES AND BURRS.
6. DRILL ALL HOLES, DO NOT FLAME CUT.
7. PAINT SPECS. PNT-11
8.  SUGGESTED PILE LOCATION - 'SUGGESTED PILE LOCATIONS ASSUME RIGID COLUMNS AND ARE BASED ON STATIC LOADS ONLY. PROPAC ASSUMES NO RESPONSIBILITY FOR OFF-SKID FOUNDATION DESIGN AND REQUIRED PILE LOCATIONS. SITE GEOTECHNICAL DATA SHOULD BE REVIEWED BY A QUALIFIED CIVIL ENGINEER PRIOR TO CONSTRUCTION OR INSTALLATION.'

PILE LOAD SCHEDULE

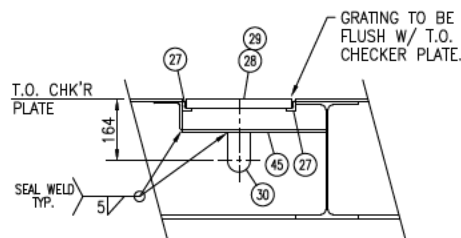
PILE	MAX. SHEAR FORCE (kN)	MAX. AXIAL FORCE (kN)	MAX. UPLIFT FORCE (kN)
1	2.686	38.248	0
2	2.112	32.738	0
3	4.350	52.415	0
4	3.607	47.936	0

[illegible]

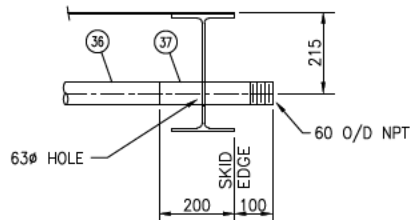


PLAN
(SCALE 1:25)

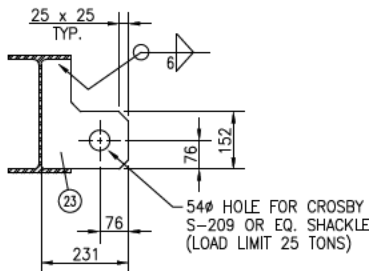
NOTE:
WELD SKID PLATE TO BEAMS WHERE
EVER POSSIBLE. NUTS TO BE WELDED
TO U/S OF SKID PLATE. NOTCH
FLANGE TO ACCOMMODATE NUTS.



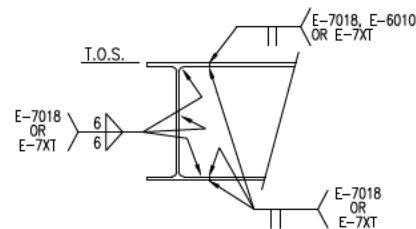
FLOOR DRAIN DETAIL
(SCALE 1:10)



**FLOOR DRAIN AT
SKID EDGE DETAIL**
(SCALE 1:10)



LIFTING LUG DETAIL
(SCALE 1:10)
(8 REQUIRED)



TYPICAL WELD DETAIL

BILL OF MATERIAL			
ITEM	QUA	PART NO.	DESCRIPTION
1	1	330016	W310 x 39 x 13340 LG G40.21M-300W
2	1	330016	W310 x 39 x 12192 LG G40.21M-300W
3	5	330016	W310 x 39 x 4096 LG G40.21M-300W
4	2	330016	W310 x 39 x 3661 LG G40.21M-300W
5	2	330016	W310 x 39 x 4572 LG G40.21M-300W
6	2	330016	W310 x 39 x 2949 LG G40.21M-300W
7	17	330016	W310 x 39 x 1361 LG G40.21M-300W
8	1	330016	W310 x 39 x 2142 LG G40.21M-300W
9	2	330016	W310 x 39 x 820 LG G40.21M-300W
10	1	330016	W310 x 39 x 1228 LG G40.21M-300W
11	1	330006	W200 x 36 x 1361 LG G40.21M-300W
12	2	330006	W200 x 36 x 820 LG G40.21M-300W
13	1	330006	W200 x 36 x 801 LG G40.21M-300W
14	3	330001	W150 x 22 x 1361 LG G40.21M-300W
15	1	330001	W150 x 22 x 653 LG G40.21M-300W
16	20	315013	ANGLE: 6 THK x 76 x 76 x 1202 LG G40.21M-300W
17	2	315013	ANGLE: 6 THK x 76 x 76 x 1282 LG G40.21M-300W
18	2	315013	ANGLE: 6 THK x 76 x 76 x 380 LG G40.21M-300W
19	2	315013	ANGLE: 6 THK x 76 x 76 x 336 LG G40.21M-300W
20	1	327004	PLATE: 19.05 THK x 600 SQ. SA-36
21	1	327001	PLATE: 9.53 THK x 270 SQ. CUT DIAGONALLY SA-36
22	1	327000	PLATE: 6.35 THK x 165 x 800 LG SA-36
23	8	327009	PLATE: 38.1 THK x 231 x 287 LG SA-36
24	2	327001	PLATE: 9.53 THK x 76 x 135 LG SA-36
25	2	320014	C200 x 17 x 220 LG G40.21M-300W
26	1	320014	C200 x 17 x 387 LG G40.21M-300W
27	4	315028	ANGLE: 6 THK x 25 x 25 x 600 LG (CTS) G40.21M-300W
28	4	315028	ANGLE: 6 THK x 25 x 25 x 300 LG (CTS) G40.21M-300W
29	2	374002	GRATING: W102-30 x (25 x 5) x 280 x 580 LG CS
30	3	033025	ELBOW: 60 x 90°-LR XH BW SMLS SA-234-WPB
31	1	065078	TEE: 60 x XH BW SMLS SA-234-WPB
32	1	001036	PIPE: 60 O/D x 3.91 WT x 604 LG SMLS SA-106-B
33	1	001036	PIPE: 60 O/D x 3.91 WT x 6074 LG SMLS SA-106-B
34	1	001036	PIPE: 60 O/D x 3.91 WT x 30 LG SMLS SA-106-B
35	1	001036	PIPE: 60 O/D x 3.91 WT x 616 LG SMLS SA-106-B
36	1	001036	PIPE: 60 O/D x 3.91 WT x 3247 LG SMLS SA-106-B
37	1	001038	PIPE: 60 O/D x 5.54 WT x 300 LG SMLS SA-106-B
38	4	232424	STUDS: 418 x 178 LG c/w (2) NUTS EA. SA-193-B7/SA-194-2H
39	2	200235	M/C BOLTS: 228 x 70 LG UNC c/w NUT & WASHER SA-325
40	6	200227	M/C BOLTS: 228 x 57 LG UNC c/w NUT & WASHER SA-325
41	8	200183	M/C BOLTS: 198 x 57 LG UNC c/w NUT & WASHER SA-325
42	4	200179	M/C BOLTS: 198 x 51 LG UNC c/w NUT & WASHER SA-325
43	4	200079	M/C BOLTS: 138 x 44 LG UNC c/w NUT & WASHER SA-325
44	2	370023	FLAT BAR: 10 THK x 76 x 279 LG SA-36
45	2	327000	PLATE: 6.35THK x 373 x 674 LG SA-36
46	2	330016	W310 x 39 x 449 LG G40.21M-300W

NOTES:

- APPROX. WEIGHT OF SKID : 9700 kg (13000 kg w/ CONCRETE)
- COPE ALL MEMBERS TO SUIT.
- CUT LENGTHS ARE EXACT WITH TOLERANCE OF +0/-3
- ALL WELDS TO BE 6 mm CONTINUOUS FILLET USING E-7018-1 (SMAW) E-7XT-X (FCAW) ELECTRODES UNLESS NOTED OTHERWISE.
- REMOVE ALL SHARP EDGES AND BURRS.
- DRILL ALL HOLES, DO NOT FLAME CUT.
- PAINT SPEC.: PNT-11
- SUGGESTED PILE LOCATION - 'SUGGESTED PILE LOCATIONS ASSUME RIGID COLUMNS AND ARE BASED ON STATIC LOADS ONLY. PROPAC ASSUMES NO RESPONSIBILITY FOR OFF-SKID FOUNDATION DESIGN AND REQUIRED PILE LOCATIONS. SITE GEOTECHNICAL DATA SHOULD BE REVIEWED BY A QUALIFIED CIVIL ENGINEER PRIOR TO CONSTRUCTION OR INSTALLATION.'

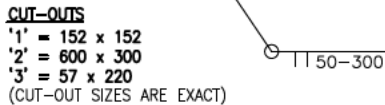
PILE LOAD SCHEDULE

PILE	MAX. SHEAR FORCE (kN)	MAX. AXIAL FORCE (kN)	MAX. UPLIFT FORCE (kN)
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-
13	-	-	-
14	-	-	-
15	-	-	-
16	-	-	-

GENERAL NOTES		GENERAL NOTES		REVISION		BY		DATE		CKD		ENG	
DATE: 2004/09/09 11:25 AM J:\JOBS\04\043167\20-DRAWINGS\FAB\SKD\SKD-043167-113.DWG quentins		2		ADDED CLIENT'S NAME AND LOCATION		QLS		04/09/08		M.L.		F.P.	
1		ISSUED FOR CONSTRUCTION		BLANMERS		04/07/22		AL		RT			

APPROVED		DRAWN	
MECH./STRUCT. JR	BY	PSC	
DATE 03/10/06	DATE	03/10/06	
ELECTRICAL	BY	JLS	
DATE	DATE	03/10/06	
PROJECT	DATE	03/10/06	
DATE	SCALE	AS NOTED	

DWG. No.:		SHT 1 OF 3		REV.
D-SKD-043167-113				2



(SCALE 1:25)



1) JACK SCREWS, SHIMS, & HOLES
FOR MOTORS & COMPRESSORS TO
BE LOCATED, TAPPED & WELDED IN
PLACE ON ASS'Y

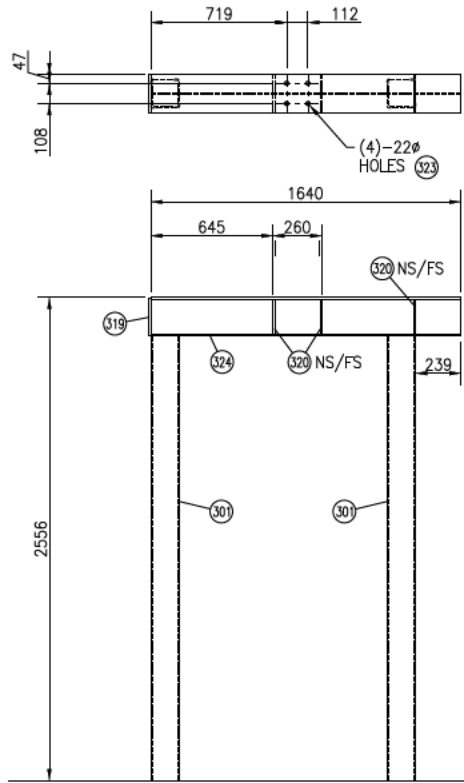
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APPROVED		DRAWN	
MECH./STRUCT.	JR	BY	PSC
DATE	03/10/06	DATE	03/10/06
ELECTRICAL		CHECKED	
DATE		BY	JLS
PROJECT	RT	DATE	03/10/06
DATE	03/10/06		
		SCALE	AS NOTED

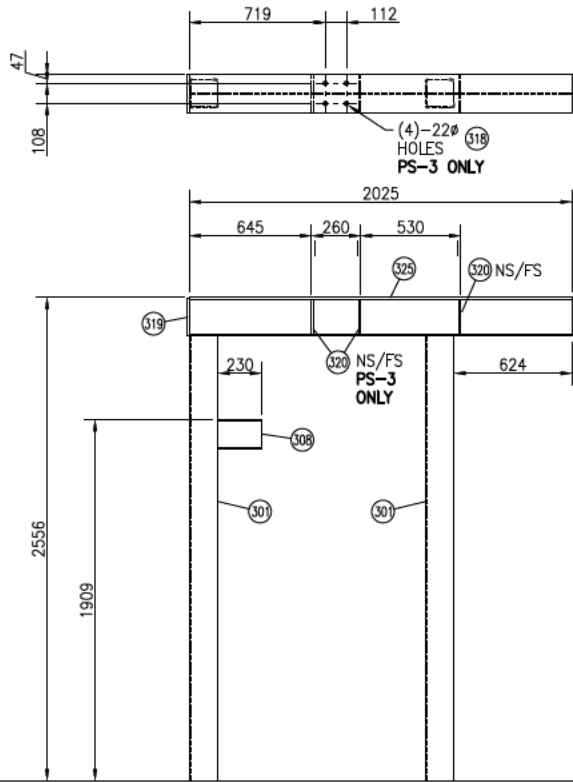
				
				
REFRIGE SKID STEEL				
DWG. No.:	D-SKD-043167-113	SHT	2 OF 3	REV 2

PROPAK 
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Airdrie, Alberta
Canada T4A 2J8

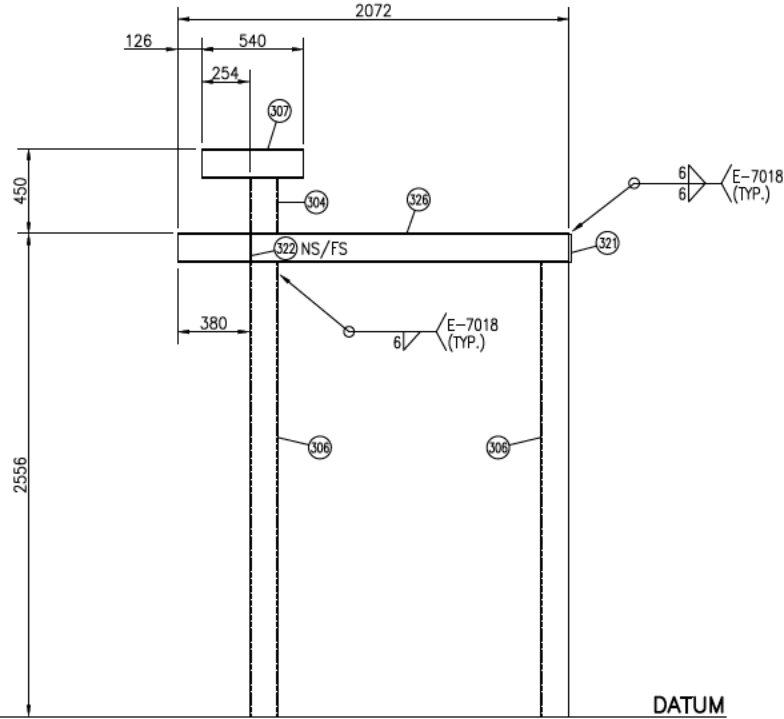
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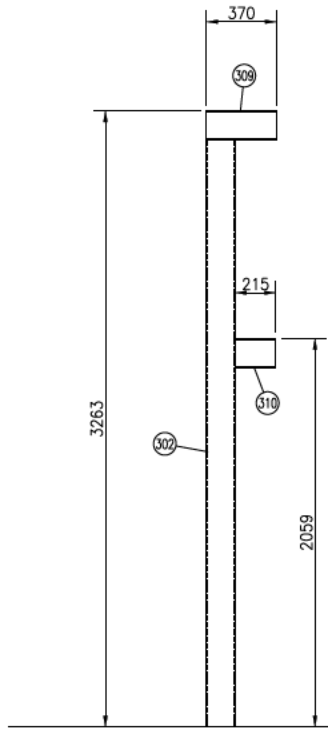
PS-1
(VIEWED FROM DATUM 'A')
(SCALE 1:20)



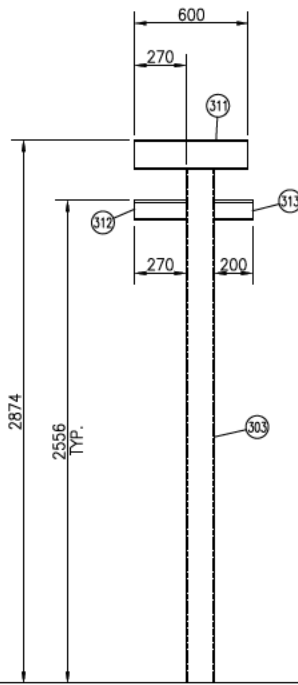
PS-2 & PS-3
(VIEWED FROM DATUM 'A')
(SCALE 1:20)



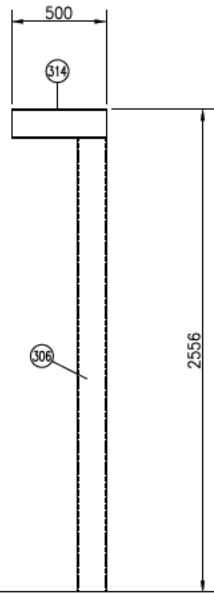
PS-4
(VIEWED FROM DATUM 'A')
(SCALE 1:20)



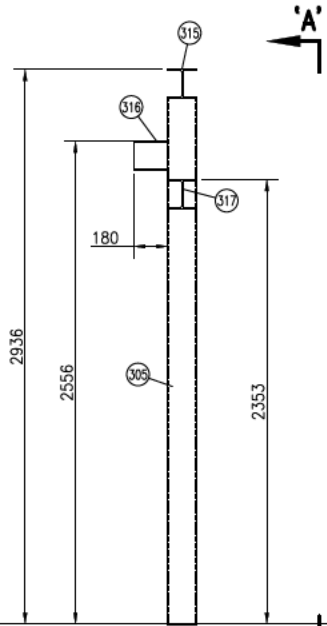
PS-5
(VIEWED FROM DATUM 'A')
(SCALE 1:20)



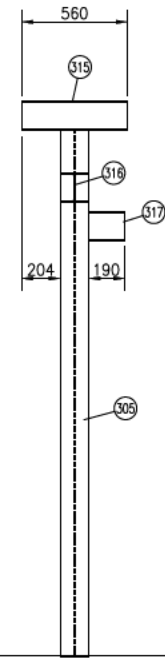
PS-6
(VIEWED FROM DATUM 'A')
(SCALE 1:20)



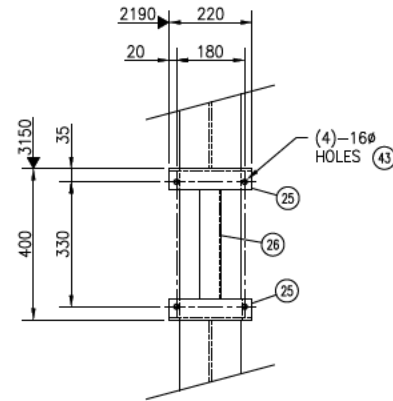
PS-7
(VIEWED FROM DATUM 'A')
(SCALE 1:20)



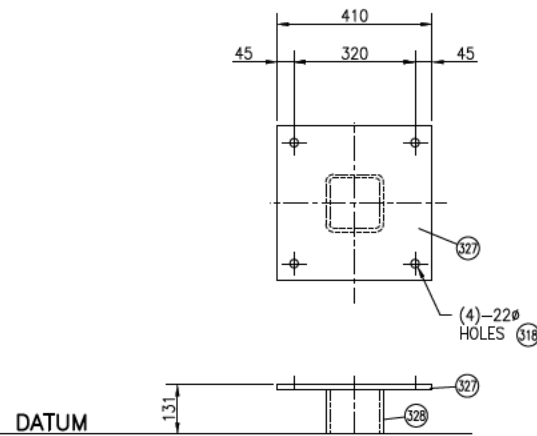
PS-8
(VIEWED FROM DATUM 'A')
(SCALE 1:20)



SECTION 'A-A'
(VIEWED FROM DATUM 'B')
(SCALE 1:20)



PUMP SUP'T DETAIL
(SCALE 1:10)



VS-1
(VIEWED FROM DATUM 'A')
(SCALE 1:10)

BILL OF MATERIAL				
ITEM	QUA	PART NO.	DESCRIPTION	
301	6	332017	HSS: 152 x 152 x 6 THK x 2352 LG	G40.21M-350W
302	1	332017	HSS: 152 x 152 x 6 THK x 3108 LG	G40.21M-350W
303	1	332017	HSS: 152 x 152 x 6 THK x 2719 LG	G40.21M-350W
304	1	332017	HSS: 152 x 152 x 6 THK x 295 LG	G40.21M-350W
305	1	332017	HSS: 152 x 152 x 6 THK x 2781 LG	G40.21M-350W
306	3	332017	HSS: 152 x 152 x 6 THK x 2401 LG	G40.21M-350W
307	1	330001	W150 x 22 x 540 LG	G40.21M-300W
308	2	330001	W150 x 22 x 230 LG	G40.21M-300W
309	1	330001	W150 x 22 x 370 LG	G40.21M-300W
310	1	330001	W150 x 22 x 215 LG	G40.21M-300W
311	1	330001	W150 x 22 x 600 LG	G40.21M-300W
312	1	330000	W100 x 19 x 270 LG	G40.21M-300W
313	1	330000	W100 x 19 x 200 LG	G40.21M-300W
314	1	330001	W150 x 22 x 500 LG	G40.21M-300W
315	1	330001	W150 x 22 x 560 LG	G40.21M-300W
316	1	330001	W150 x 22 x 180 LG	G40.21M-300W
317	1	330001	W150 x 22 x 190 LG	G40.21M-300W
318	8	200903	M/C BOLTS: 19Ø x 64 LG UNC c/w NUT AND WASHER	SA-325
319	3	370030	FLAT BAR: 10 THK x 203 x 190 LG	G40.21M-300W
320	18	370025	FLAT BAR: 10 THK x 102 x 179 LG	G40.21M-300W
321	1	370028	FLAT BAR: 10 THK x 152 SQ.	G40.21M-300W
322	2	370023	FLAT BAR: 10 THK x 76 x 141 LG	G40.21M-300W
323	4	200179	M/C BOLTS: 19Ø x 51 LG UNC c/w NUT AND WASHER	SA-325
324	1	330007	W200 x 46 x 1640 LG	G40.21M-300W
325	2	330007	W200 x 46 x 2025 LG	G40.21M-300W
326	1	330001	W150 x 22 x 2072 LG	G40.21M-300W
327	1	327002	PLATE: 12.7 THK x 400 SQ.	SA-36
328	1	332017	HSS: 152 x 152 x 6 THK x 118 LG	G40.21M-350W

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GENERAL NOTES		GENERAL NOTES		REVISION		BY		DATE		CKD		ENG	
DATE: 2004/09/07 01:28 PM J:\JOBS04\043167\20-DRAWINGS\FAB\SKD\SKD-043167-113.DWG quentins		2		ADDED CLIENT'S NAME AND LOCATION		QLS		04/09/07					
		1		ISSUED FOR CONSTRUCTION		BLAMMERS		04/07/22		AL		RT	

APPROVED		DRAWN	
MECH./STRUCT. JR	BY	PSC	DATE
DATE	03/10/06	CHECKED	DATE
ELECTRICAL	BY	JLS	DATE
PROJECT	RT	DATE	03/10/06
DATE	03/10/06	SCALE	AS NOTED

REFRIGERA ON UN		6B	
SKID STEEL			
DWG. No.: D-SKD-043167-113		SHT 3 OF 3	
		REV. 2	

PROPAG
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Airdrie, Alberta
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