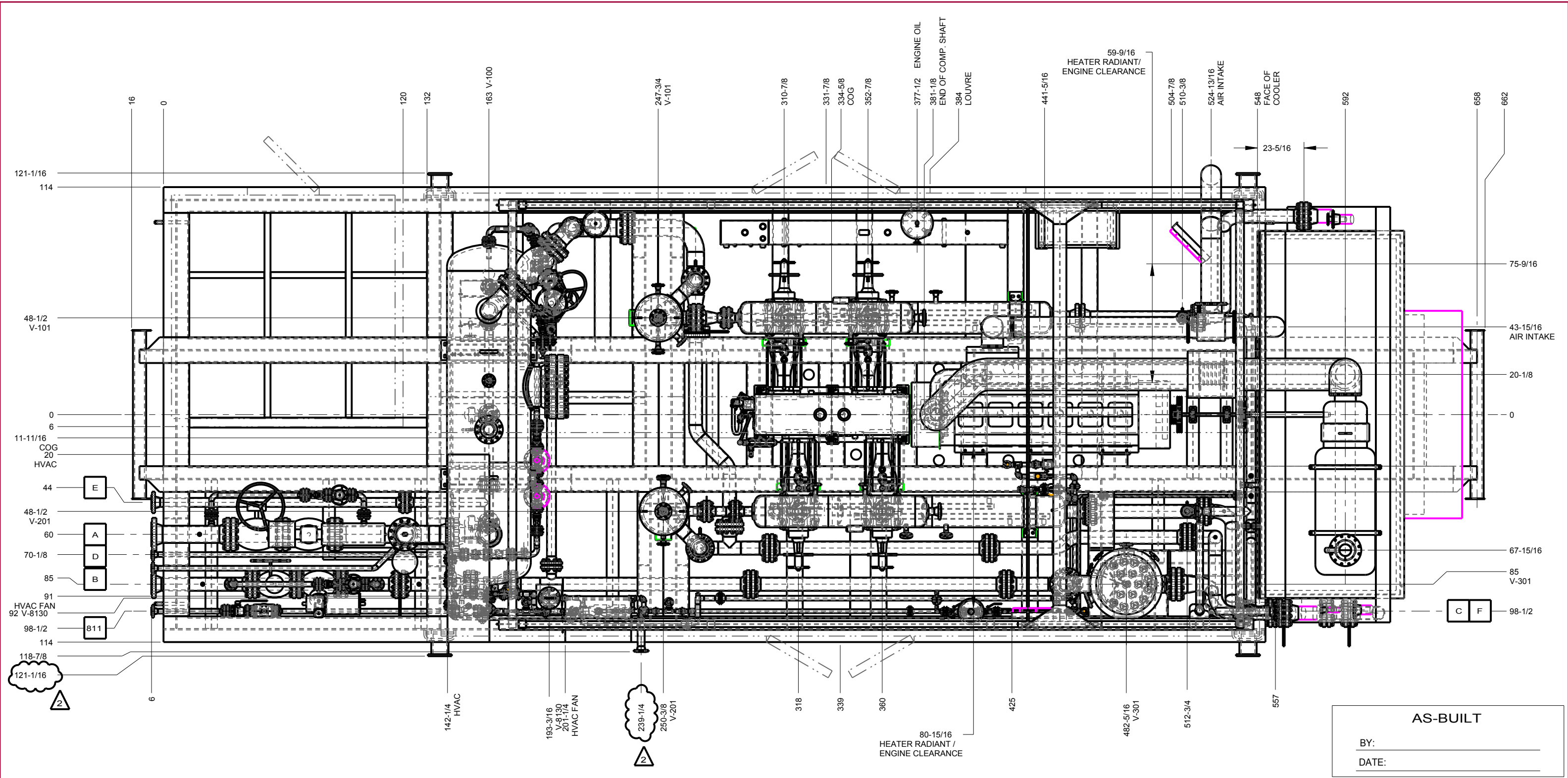




AS-BUILT

BY: _____
DATE: _____

CUSTOMER CONNECTIONS			ESTIMATED WEIGHTS		
TAG	DESCRIPTION	SIZE	DESCRIPTION	SHIPPING ARRANGEMENT	WEIGHT (LBS)
A	SUCTION INLET	8"-600CL RF	COMPRESSOR	MOUNTED	7900
B	FINAL DISCHARGE	6"-600CL RF	DRIVER	MOUNTED	15000
C	PSV FLARE HEADER	4"-150CL RF	COOLER	MOUNTED	11600
D	INLET SEP./SCRUBBER DRAIN HEADER	2"-600CL RF	SKID	MOUNTED	60364
E	INLET SEP. CLEAN OUT DRAIN HEADER	4"-600CL RF	VESSELS	MOUNTED	30549
F	STARTER EXHAUST VENT	3"-150CL RF	PROCESS VALVE / PIPING AND HARDWARE	MOUNTED	26230
811	FUEL GAS INLET	2"-600CL RF	EXHAUST SYSTEM / AIR INTAKE	MOUNTED/SHIP LOOSE	2096
			CTRL PANEL/CTRL BUILD. ELEC./FIRE & GAS PANEL	MOUNTED	2100
			MISC. ALLOWANCE FOR 87 TON TARGET	MOUNTED	4745
			CRANE	MOUNTED	4616
			BUILDINGS	SHOP ERECTED	8800
			TOTAL SHIPPING WEIGHT (APPROX.) - LESS CONCRETE		174,000
			TOTAL WEIGHT OF ALL EQUIPMENT (APPROX.) - WITH CONCRETE		195,547
			OVERALL DIMENSIONS		
			DESCRIPTION	LENGTH (FT-IN)	WIDTH (FT-IN)
			SHIPPING	56' 6"	19' 0"
			OVERALL	56' 6"	19' 0"
					HEIGHT (FT-IN)
					13' 6"
					19' 4"

GENERAL NOTES

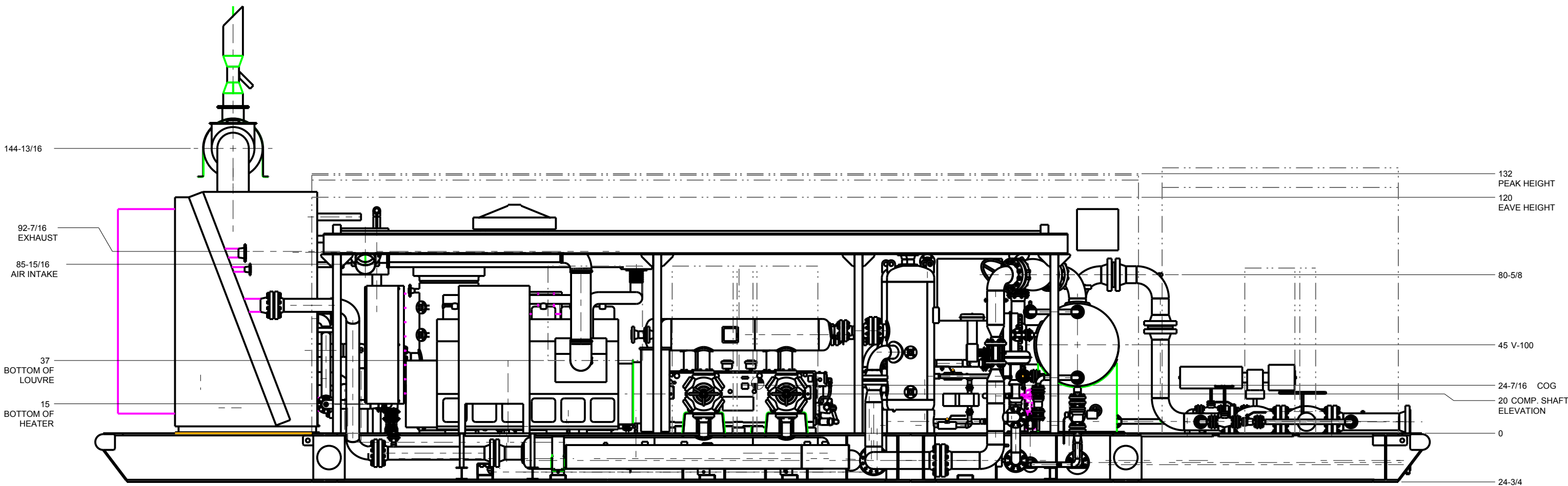
1. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE NOTED.

NO.	DATE	REVISION	BY
A	09/09/10	ISSUED FOR REVIEW	MER
B	09/10/10	ADD FUEL GAS INLET; ADD CENTER OF GRAVITY	MER
0	10/21/10	ISSUED FOR FABRICATION	MER
1	12/22/10	CNG AIR INTAKE & EXHAUST LOCATIONS; ADD SHEETS 4-11	MER
2	04/19/11	AS-BUILT	MER
		DRAWN BY: MER	DATE: 12/16/10
		APPROVED BY: AH	DATE: 12/16/10
		WO NO.: 16983-89-NC	PART NO.: -
		TITLE: GENERAL ARRANGEMENT	
		END USER: CONOCOPHILLIPS ALASKA INC. BELUGA RIVER, ALASKA -	
		SCALE: NTS	REV: 2
		SHEET 1 OF 11	
		16983-500	



5120 6th STREET N.E.
CALGARY, ALBERTA
T2K 4W5
TEL: 403. 274.6106
FAX: 403. 730.1644
www.ngc-ltd.com

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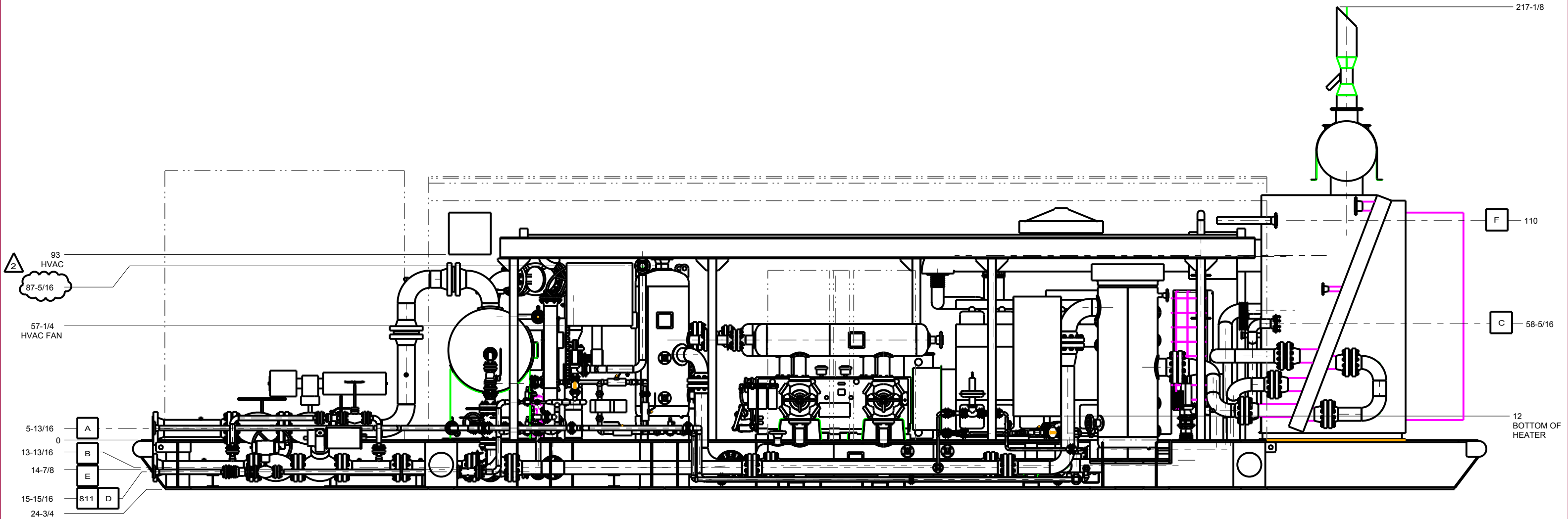
*NOTE: SKID SIDE HIDDEN FOR CLARITY.

AS-BUILT

BY: _____
DATE: _____

NO.	DATE	REVISION	BY
A	09/09/10	ISSUED FOR REVIEW	MER
B	09/10/10	ADD FUEL GAS INLET; ADD CENTER OF GRAVITY	MER
0	10/21/10	ISSUED FOR FABRICATION	MER
1	12/22/10	CNG AIR INTAKE & EXHAUST LOCATIONS; ADD SHEETS 4-11	MER
2	04/19/11	AS-BUILT	MER

 5120 6th STREET N.E. CALGARY, ALBERTA T2K 4W5 TEL: 403. 274.6106 FAX: 403. 730.1644 www.ngc-ltd.com	DRAWN BY: MER		DATE: 12/16/10
	APPROVED BY: AH		DATE: 12/16/10
	WO NO.: 16983-89-NC	PART NO.: -	
	TITLE: GENERAL ARRANGEMENT		
	END USER: CONOCOPHILLIPS ALASKA INC. BELUGA RIVER, ALASKA -		
THIS DRAWING IS THE EXCLUSIVE PROPERTY OF NGC COMPRESSION SOLUTIONS LTD., AND CANNOT BE REPRODUCED OR DISTRIBUTED WITHOUT THE PERMISSION OF NGC COMPRESSION SOLUTIONS LTD.			
SCALE NTS	DWG. NO. 16983-500	SHEET 2 OF 11	REV 2



*NOTE: SKID SIDE HIDDEN FOR CLARITY.

COMPRESSOR/ENGINE SHAFT & COUPLING DETAILS

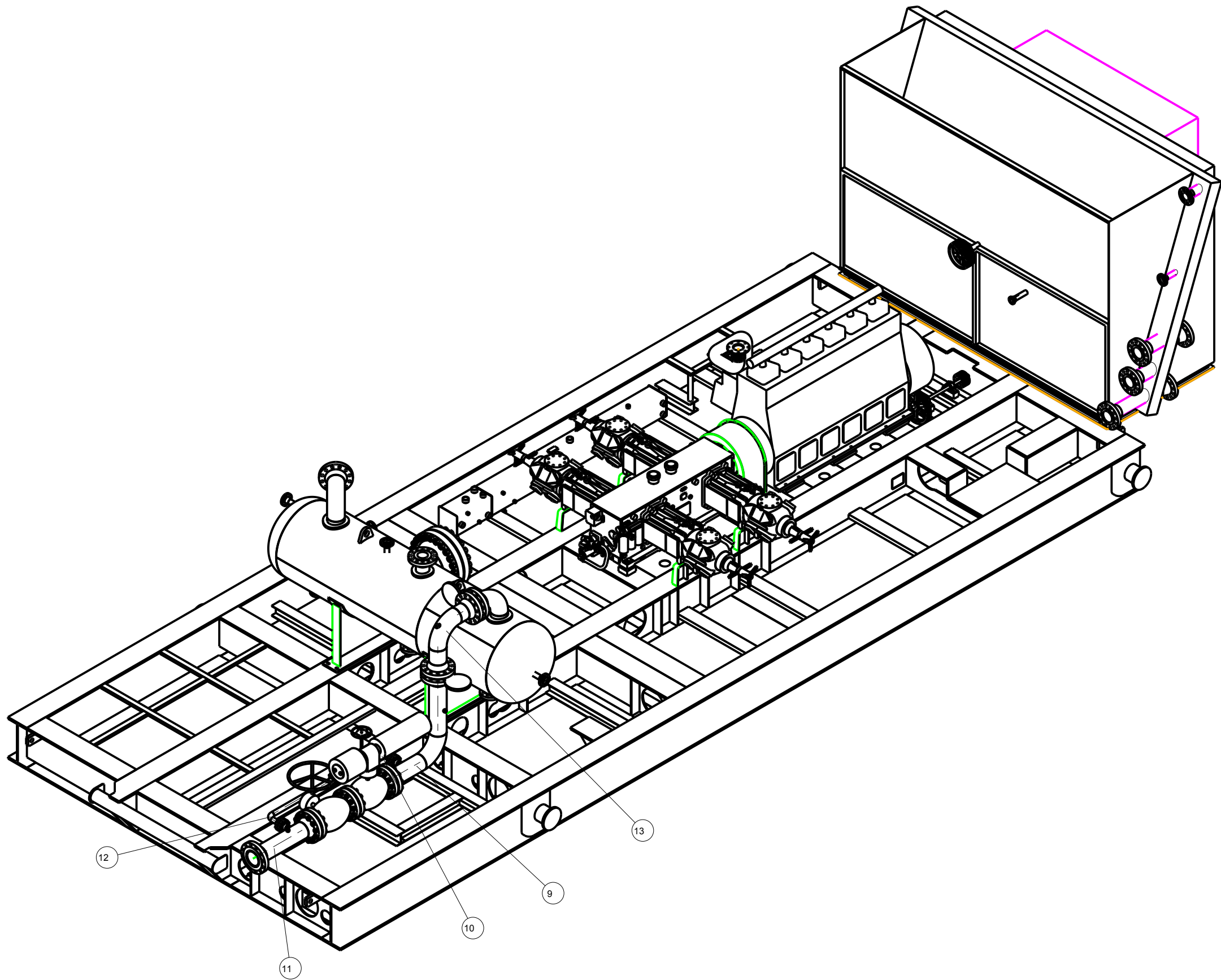
AS-BUILT

BY: _____
DATE: _____

NO.	DATE	REVISION	BY
A	09/09/10	ISSUED FOR REVIEW	MER
B	09/10/10	ADD FUEL GAS INLET; ADD CENTER OF GRAVITY	MER
0	10/21/10	ISSUED FOR FABRICATION	MER
1	12/22/10	CNG AIR INTAKE & EXHAUST LOCATIONS; ADD SHEETS 4-11	MER
2	04/19/11	AS-BUILT	MER

 5120 6th STREET N.E. CALGARY, ALBERTA T2K 4W5 TEL: 403. 274.6106 FAX: 403. 730.1644 www.ngc-ltd.com	DRAWN BY: MER	DATE: 12/16/10
	APPROVED BY: AH	DATE: 12/16/10
	WO NO.: 16983-89-NC	PART NO.: -
	TITLE: GENERAL ARRANGEMENT	

THIS DRAWING IS THE EXCLUSIVE PROPERTY OF NGC COMPRESSION SOLUTIONS LTD., AND CANNOT BE REPRODUCED OR DISTRIBUTED WITHOUT THE PERMISSION OF NGC COMPRESSION SOLUTIONS LTD.			
END USER:	CONOCOPHILLIPS ALASKA INC. BELUGA RIVER, ALASKA -		
SCALE	DWG. NO.	SHEET 3 OF 11	REV
NTS	16983-500		2



ITEM	PART #	QTY.	UOM	DESCRIPTION
1	801079	1	EA	FLANGE,RF BLIND,20-600CL
2	700052	5	EA	GASKET,FLEXITALLIC (PINK),2"-3/4/600CL
3	801353	1	EA	GASKET,FLEXITALLIC (PINK),20"-600CL
4	801322	8	EA	GASKET,FLEXITALLIC (PINK),8"-600CL
5	801468	72	EA	HEX, NUT, 1-1/8" 2H
6	801483	48	EA	HEX, NUT, 1-5/8" 2H
7	700132	80	EA	HEX, NUT, 5/8" 2H
8	100150	1	EA	INLET SEPARATOR, 42 OD x 144 S/S, 1200 MAWP
9	100219	1	EA	SPOOL FROM ESDV 549 - TO SPOOL 100160
10	100201	1	EA	SPOOL FROM GLV 511 - TO SPOOL 100159
11	100218	1	EA	SPOOL FROM SKID EDGE - TO BV 500
12	100200	1	EA	SPOOL FROM SPOOL 100158 - TO BV 510
13	100160	1	EA	SPOOL FROM SPOOL 100159 - TO V-100
14	804936	36	EA	STUD, 1_ 1/8-8TPI x 7 1/2" LG, B7
15	804937	24	EA	STUD, 1_ 5/8-8TPI x 11 1/2" LG, B7
16	700149	40	EA	STUD, 5/8-11TPI x 4 1/2" LG, B7

AS-BUILT

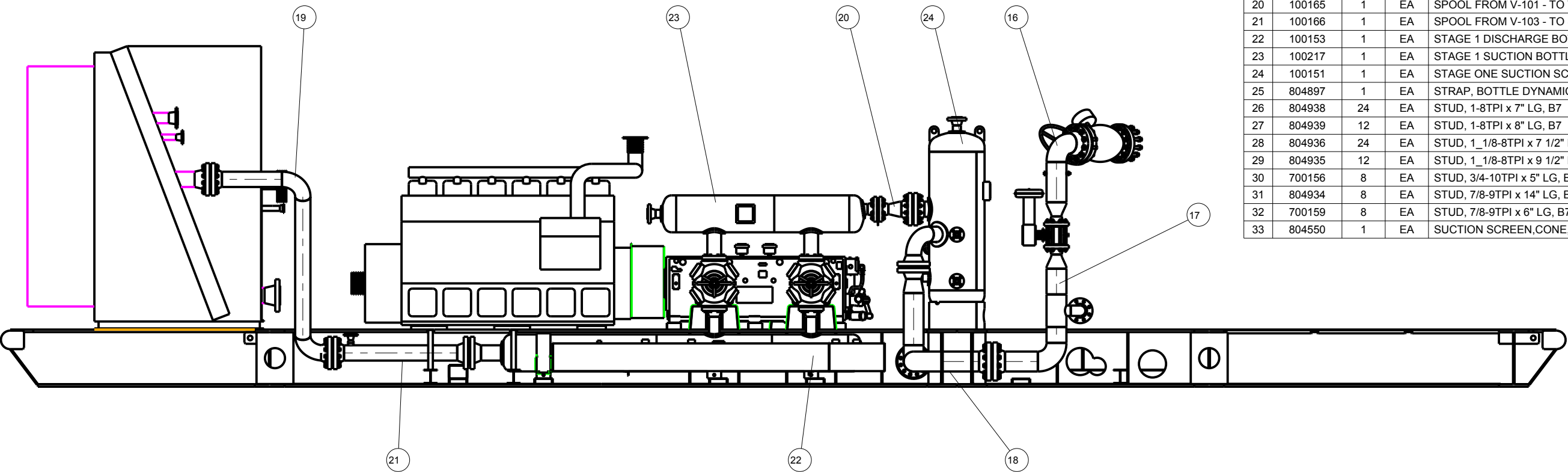
BY: _____

DATE: _____

NO.	DATE	REVISION	BY
A	09/09/10	ISSUED FOR REVIEW	MER
B	09/10/10	ADD FUEL GAS INLET; ADD CENTER OF GRAVITY	MER
0	10/21/10	ISSUED FOR FABRICATION	MER
1	12/22/10	CNG AIR INTAKE & EXHAUST LOCATIONS; ADD SHEETS 4-11	MER
2	04/19/11	AS-BUILT	MER

 5120 6th STREET N.E. CALGARY, ALBERTA T2K 4W5 TEL: 403. 274.6106 FAX: 403. 730.1644 www.ngc-ltd.com	DRAWN BY:	MER	DATE:	12/16/10
	APPROVED BY:	AH	DATE:	12/16/10
	WO NO.:	16983-89-NC	PART NO.:	-
	TITLE: GENERAL ARRANGEMENT INLET ASSEMBLY			
	END USER: CONOCOPHILLIPS ALASKA INC. BELUGA RIVER, ALASKA -			

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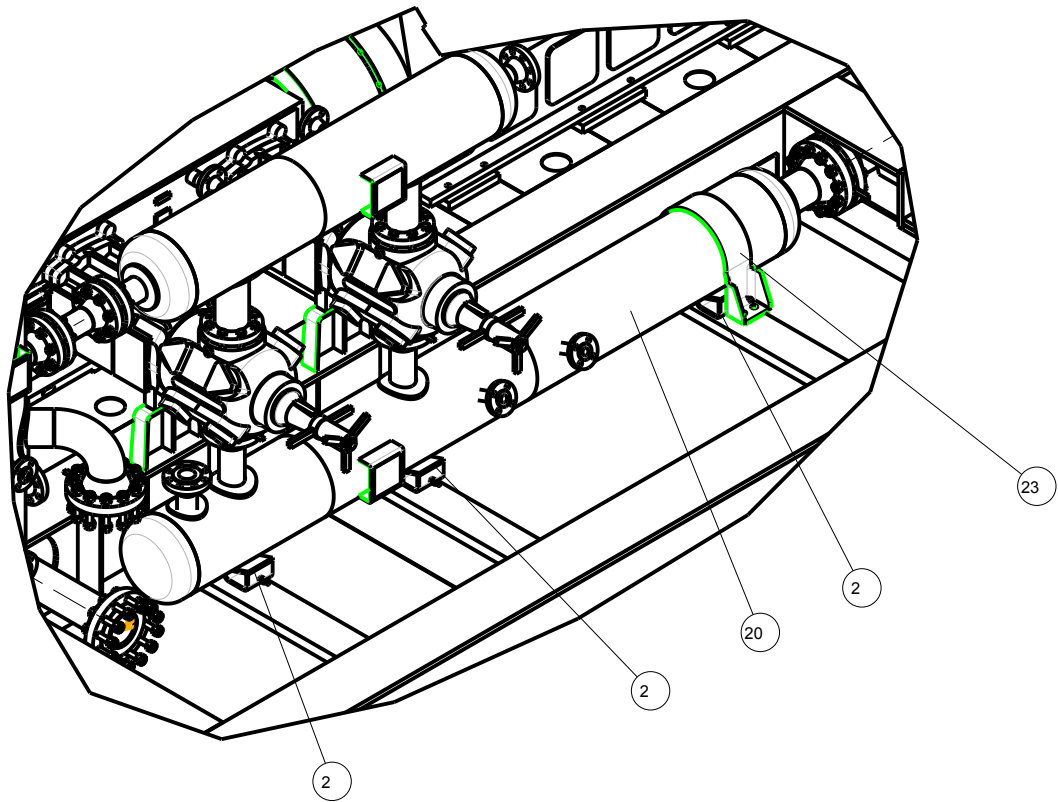
ITEM	PART #	QTY.	UOM	DESCRIPTION
1	100232	3	EA	BOTTLE WEDGE SUPPORT ASSEMBLY, 6" HSS
2	804959	32	EA	CAPSCREW, HEX, 7/8-UNC x 3-1/2", GR8
3	801068	1	EA	FLANGE,RF BLIND,3-600CL
4	700055	1	EA	GASKET,FLEXITALLIC (PINK),3"-3/4/600CL
5	700541	12	EA	GASKET,FLEXITALLIC (PINK),4"-600CL
6	801318	7	EA	GASKET,FLEXITALLIC (PINK),6"-600CL
7	801322	4	EA	GASKET,FLEXITALLIC (PINK),8"-600CL
8	801468	72	EA	HEX, NUT, 1-1/8" 2H
9	801464	72	EA	HEX, NUT, 1" 2H
10	700133	16	EA	HEX, NUT, 3/4" 2H
11	700134	32	EA	HEX, NUT, 7/8" 2H
12	804967	2	EA	PLATE,ORIFICE,4"-600CL, 3.15 ID, x .125 THK., A1011 CS
13	804968	2	EA	PLATE,ORIFICE,4"-600CL, 4. ID, x .125 THK., A1011 CS
14	804969	1	EA	PLATE,ORIFICE,6"-600CL, 3.7 ID, x .1875 THK., A1011 CS
15	804966	1	EA	PLATE,ORIFICE,6"-600CL, 3.86 ID, x .1875 THK., A1011 CS
16	100161	1	EA	SPOOL FROM BV 500 - TO CV 505
17	100162	1	EA	SPOOL FROM CV 505 - TO SPOOL 100170
18	100170	1	EA	SPOOL FROM SPOOL 100162 - TO V-101
19	100167	1	EA	SPOOL FROM SPOOL 100166 - TO IC1 IN/AC
20	100165	1	EA	SPOOL FROM V-101 - TO V-102
21	100166	1	EA	SPOOL FROM V-103 - TO SPOOL 100167
22	100153	1	EA	STAGE 1 DISCHARGE BOTTLE, 16 OD x 144 S/S, 1200 MAWP
23	100217	1	EA	STAGE 1 SUCTION BOTTLE, 16 OD x 75 S/S, 1200 MAWP
24	100151	1	EA	STAGE ONE SUCTION SCRUBBER, 24X60SS, 1200MAWP @300°F
25	804897	1	EA	STRAP, BOTTLE DYNAMIC RESTRAINT, 16"
26	804938	24	EA	STUD, 1-8TPI x 7" LG, B7
27	804939	12	EA	STUD, 1-8TPI x 8" LG, B7
28	804936	24	EA	STUD, 1_1/8-TPI x 7 1/2" LG, B7
29	804935	12	EA	STUD, 1_1/8-8TPI x 9 1/2" LG, B7
30	700156	8	EA	STUD, 3/4-10TPI x 5" LG, B7
31	804934	8	EA	STUD, 7/8-9TPI x 14" LG, B7
32	700159	8	EA	STUD, 7/8-9TPI x 6" LG, B7
33	804550	1	EA	SUCTION SCREEN,CONE,4"-600CL,XH BORE, 150%, SIZE 40, 316SS MESH

AS-BUILT

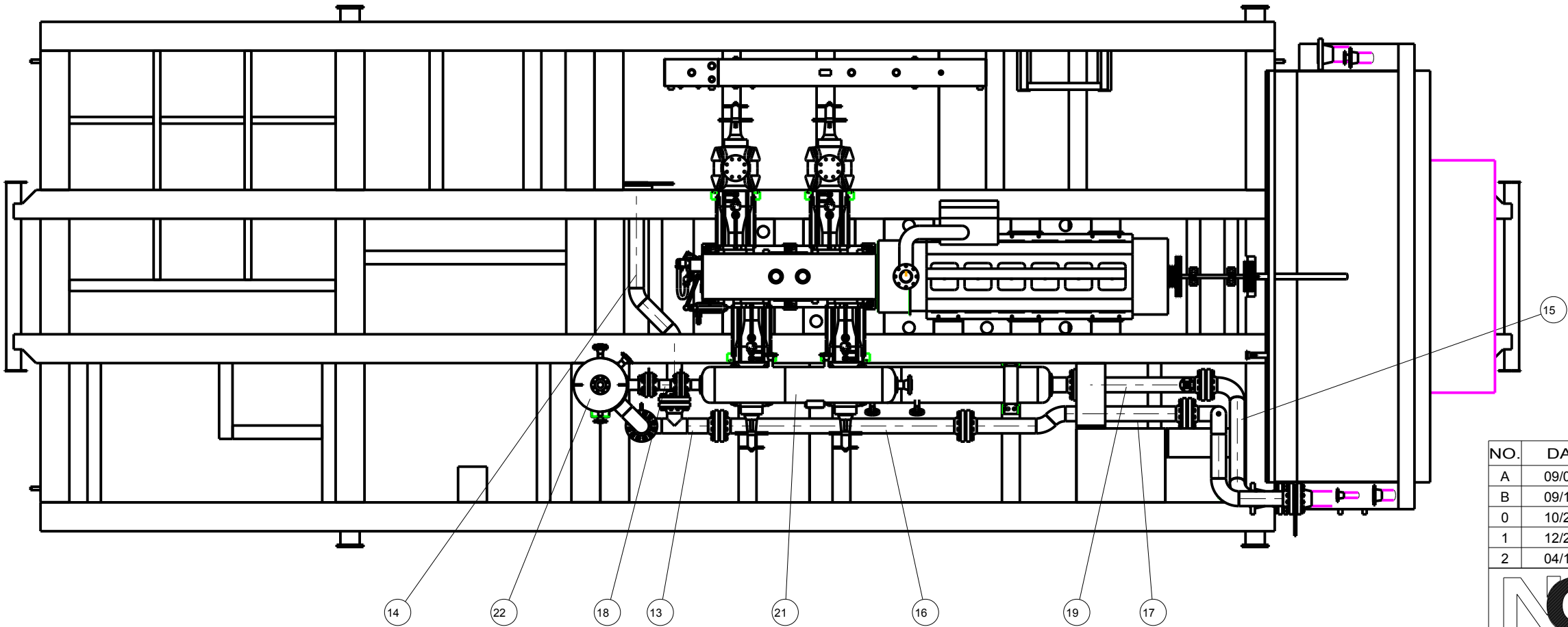
BY: _____
DATE: _____

NO.	DATE	REVISION	BY
A	09/09/10	ISSUED FOR REVIEW	MER
B	09/10/10	ADD FUEL GAS INLET; ADD CENTER OF GRAVITY	MER
0	10/21/10	ISSUED FOR FABRICATION	MER
1	12/22/10	CNG AIR INTAKE & EXHAUST LOCATIONS; ADD SHEETS 4-11	MER
2	04/19/11	AS-BUILT	MER

	5120 6th STREET N.E. CALGARY, ALBERTA T2K 4W5 TEL: 403. 274.6106 FAX: 403. 730.1644 www.ngc-ltd.com	DRAWN BY:	MER	DATE:	12/16/10	
		APPROVED BY:	AH	DATE:	12/16/10	
		WO NO.:	16983-89-NC	PART NO.:	-	
		TITLE: GENERAL ARRANGEMENT STAGE ONE				
THIS DRAWING IS THE EXCLUSIVE PROPERTY OF NGC COMPRESSION SOLUTIONS LTD., AND CANNOT BE REPRODUCED OR DISTRIBUTED WITHOUT THE PERMISSION OF NGC COMPRESSION SOLUTIONS LTD.		END USER: CONOCOPHILLIPS ALASKA INC. BELUGA RIVER, ALASKA -				
		SCALE NTS	DWG. NO. 16983-500	SHEET 5 OF 11	REV 2	



ITEM	PART #	QTY.	UOM	DESCRIPTION
1	804073	2	EA	BLIND, SPECTACLE, TYPE 2,,RF,6"-600CL
2	100232	3	EA	BOTTLE WEDGE SUPPORT ASSEMBLY, 6" HSS
3	804959	32	EA	CAPSCREW, HEX, 7/8-UNC x 3-1/2", GR8
4	700541	12	EA	GASKET,FLEXITALLIC (PINK),4"-600CL
5	801318	14	EA	GASKET,FLEXITALLIC (PINK),6"-600CL
6	801464	216	EA	HEX, NUT, 1" 2H
7	700134	32	EA	HEX, NUT, 7/8" 2H
8	804967	4	EA	PLATE,ORIFICE,4"-600CL, 3.15 ID, x .125 THK., A1011 CS
9	801537	1	EA	PLATE,ORIFICE,4"-600CL, 4.5 ID, x .125 THK., A1011 CS
10	804971	1	EA	PLATE,ORIFICE,6"-600CL, 3.15 ID, x .1875 THK., A1011 CS
11	804970	1	EA	PLATE,ORIFICE,6"-600CL, 3.375 ID, x .1875 THK., A1011 CS
12	100175	1	EA	SPOOL FROM IC1 OUT - TO SPOOL 100173
13	100168	1	EA	SPOOL FROM SPOOL 100169 - TO V-201
14	100172	1	EA	SPOOL FROM SPOOL 100170 - TO SPOOL 100168
15	100174	1	EA	SPOOL FROM SPOOL 100171 - TO AC IN
16	100169	1	EA	SPOOL FROM SPOOL 100173 - TO SPOOL 100168
17	100173	1	EA	SPOOL FROM SPOOL 100175 - TO SPOOL 100169
18	100164	1	EA	SPOOL FROM V-201 - TO V-202
19	100171	1	EA	SPOOL FROM V-203 - TO SPOOL 100174
20	100156	1	EA	STAGE 2 DISCHARGE BOTTLE, 16 OD x 144 S/S, 1200 MAWP
21	100155	1	EA	STAGE 2 SUCTION BOTTLE, 16 OD x 75 S/S, 1200 MAWP
22	100154	1	EA	STAGE ONE/TWO SUCTION SCRUBBER, 24X60SS, 1200MAWP @300°F
23	804897	1	EA	STRAP, BOTTLE DYNAMIC RESTRAINT, 16"
24	804938	96	EA	STUD, 1-8TPI x 7" LG, B7
25	804939	12	EA	STUD, 1-8TPI x 8" LG, B7
26	700435	16	EA	STUD, 7/8-9TPI x 6 1/2" LG, B7
27	804550	1	EA	SUCTION SCREEN,CONE,4"-600CL,XH BORE, 150%, SIZE 40, 316SS MESH



AS-BUILT

BY: _____

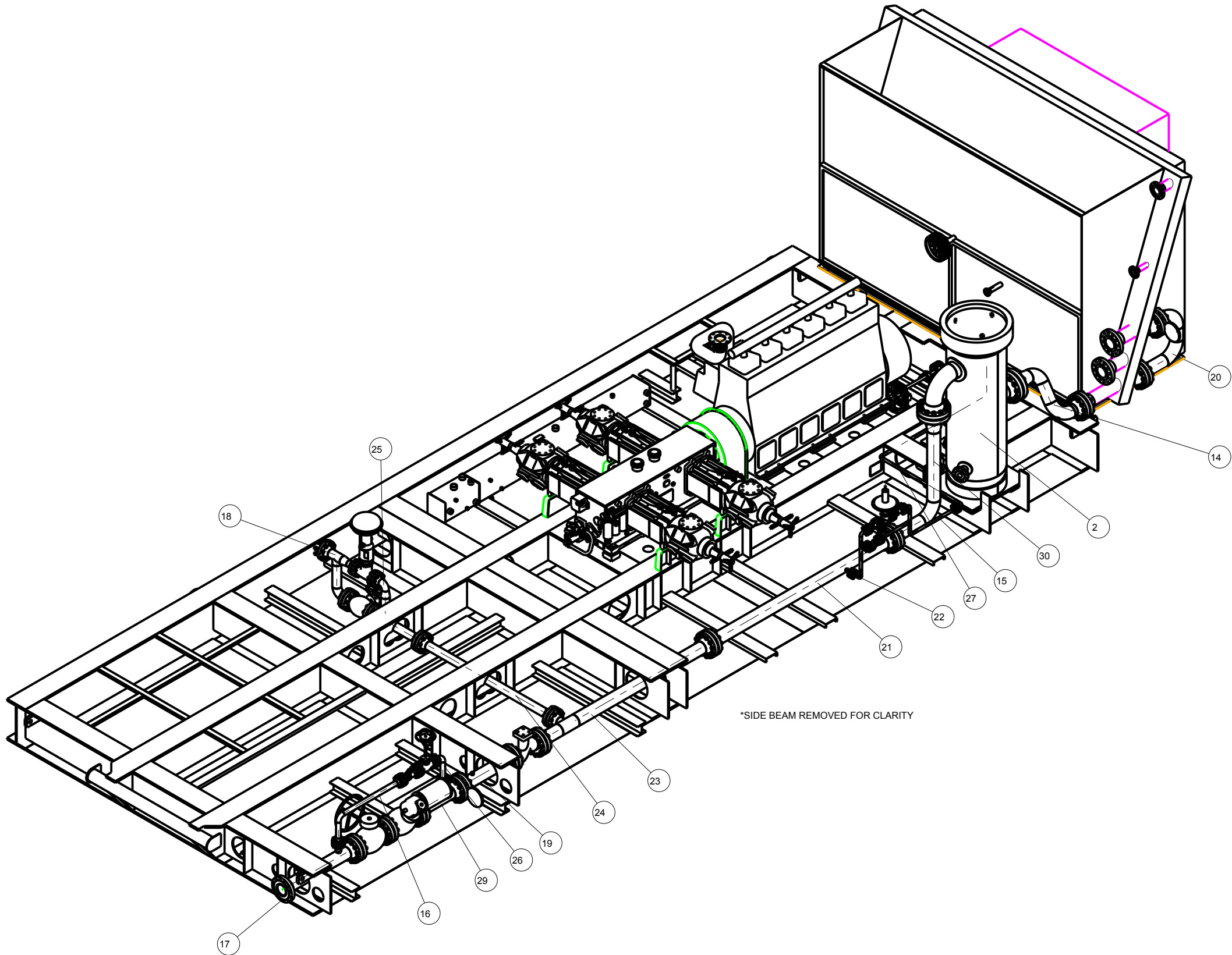
DATE: _____

NO.	DATE	REVISION	BY
A	09/09/10	ISSUED FOR REVIEW	MER
B	09/10/10	ADD FUEL GAS INLET; ADD CENTER OF GRAVITY	MER
0	10/21/10	ISSUED FOR FABRICATION	MER
1	12/22/10	CNG AIR INTAKE & EXHAUST LOCATIONS; ADD SHEETS 4-11	MER
2	04/19/11	AS-BUILT	MER

 5120 6th STREET N.E. CALGARY, ALBERTA T2K 4W5 TEL: 403. 274.6106 FAX: 403. 730.1644 www.ngc-ltd.com	DRAWN BY:	MER	DATE:	12/16/10
	APPROVED BY:	AH	DATE:	12/16/10
	WO NO.:	16983-89-NC	PART NO.:	-
	TITLE: GENERAL ARRANGEMENT STAGE TWO			

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	SCALE NTS	DWG. NO. 16983-500

SHEET 6 OF 11	REV 2
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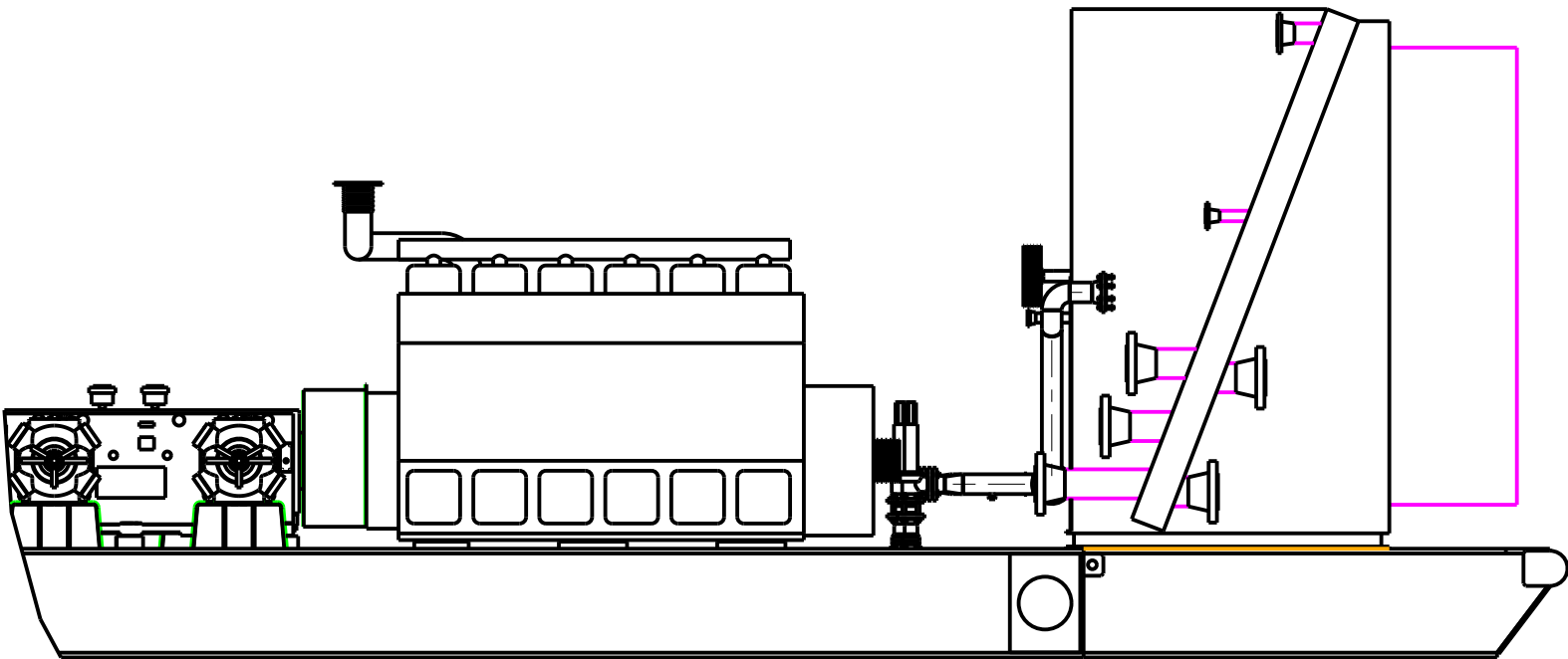
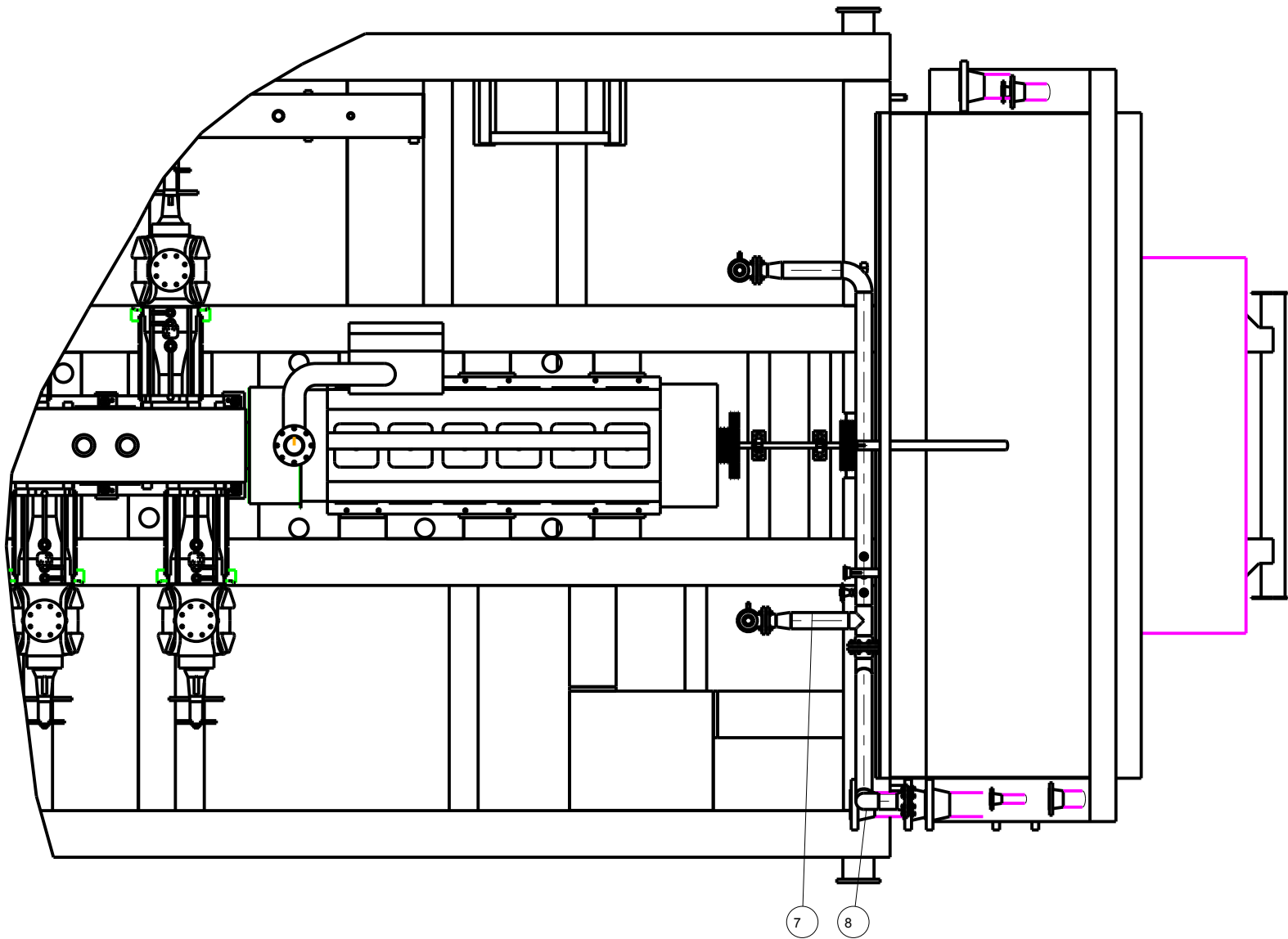
ITEM	PART #	QTY.	UOM	DESCRIPTION
1	804073	2	EA	BLIND, SPECTACLE, TYPE 2,,RF,6"-600CL
2	100157	1	EA	DISCHARGE COALESCING FILTER, 30X80SS, 1200MAWP @300°F
3	700045	10	EA	GASKET,FLEXITALLIC (PINK),1"-3/4/600CL
4	700052	5	EA	GASKET,FLEXITALLIC (PINK),2"-3/4/600CL
5	700055	2	EA	GASKET,FLEXITALLIC (PINK),3"-3/4/600CL
6	700541	5	EA	GASKET,FLEXITALLIC (PINK),4"-600CL
7	801318	14	EA	GASKET,FLEXITALLIC (PINK),6"-600CL
8	801322	2	EA	GASKET,FLEXITALLIC (PINK),8"-600CL
9	801468	48	EA	HEX, NUT, 1-1/8" 2H
10	801464	264	EA	HEX, NUT, 1" 2H
11	700133	32	EA	HEX, NUT, 3/4" 2H
12	700132	160	EA	HEX, NUT, 5/8" 2H
13	700134	80	EA	HEX, NUT, 7/8" 2H
14	100176	1	EA	SPOOL FROM AC OUT - TO V-301
15	100187	1	EA	SPOOL FROM BLOWDOWN CV 578 - TO SPOOL 100188
16	100209	1	EA	SPOOL FROM BV 510 - TO SPOOL 100183
17	100183	1	EA	SPOOL FROM BV 567 - TO SKID EDGE
18	100192	1	EA	SPOOL FROM BYPASS CV 573 - TO SPOOL 100162
19	100220	1	EA	SPOOL FROM CH 566 - TO SPOOL 100182
20	100177	1	EA	SPOOL FROM IC1 IN - TO AC OUT
21	100179	1	EA	SPOOL FROM SPOOL 100178 - TO SPOOL 100180
22	100186	1	EA	SPOOL FROM SPOOL 100179 - TO BLOWDOWN CV 578
23	100180	1	EA	SPOOL FROM SPOOL 100179 - TO DISCHARGE CH 566
24	100181	1	EA	SPOOL FROM SPOOL 100180 - TO SPOOL 100184
25	100184	1	EA	SPOOL FROM SPOOL 100181 - TO BYPASS CV 573
26	100208	1	EA	SPOOL FROM SPOOL 100182 - TO GLV 511
27	100188	1	EA	SPOOL FROM SPOOL 100187 - TO SPOOL 100189
28	100189	1	EA	SPOOL FROM SPOOL 100188 - TO SPOOL 100198
29	100182	1	EA	SPOOL FROM SPOOL 100199 - TO ESDV 584
30	100178	1	EA	SPOOL FROM V-301 - TO SPOOL 100179
31	804938	108	EA	STUD, 1-8TPI x 7" LG, B7
32	804940	12	EA	STUD, 1-8TPI x 8 1/2" LG, B7
33	804939	12	EA	STUD, 1-8TPI x 8" LG, B7
34	804936	24	EA	STUD, 1_1/8-8TPI x 7 1/2" LG, B7
35	700156	16	EA	STUD, 3/4-10TPI x 5" LG, B7
36	700149	40	EA	STUD, 5/8-11TPI x 4 1/2" LG, B7
37	700148	40	EA	STUD, 5/8-11TPI x 4" LG, B7
38	700159	40	EA	STUD, 7/8-9TPI x 6" LG, B7
39	TBA	1	EA	TBA

AS-BUILT

BY: _____
DATE: _____

NO.	DATE	REVISION	BY
A	09/09/10	ISSUED FOR REVIEW	MER
B	09/10/10	ADD FUEL GAS INLET; ADD CENTER OF GRAVITY	MER
0	10/21/10	ISSUED FOR FABRICATION	MER
1	12/22/10	CNG AIR INTAKE & EXHAUST LOCATIONS; ADD SHEETS 4-11	MER
2	04/19/11	AS-BUILT	MER

NGC 5120 6th STREET N.E. CALGARY, ALBERTA T2K 4W5 TEL: 403. 274.6106 FAX: 403. 730.1644 www.ngc-ltd.com	DRAWN BY: MER	DATE: 12/16/10
	APPROVED BY: AH	DATE: 12/16/10
	WO NO.: 16983-89-NC	PART NO.: -
	TITLE: GENERAL ARRANGEMENT DISCHARGE ASSEMBLY	
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	SCALE DWG. NO. NTS 16983-500	SHEET 7 OF 11 REV 2

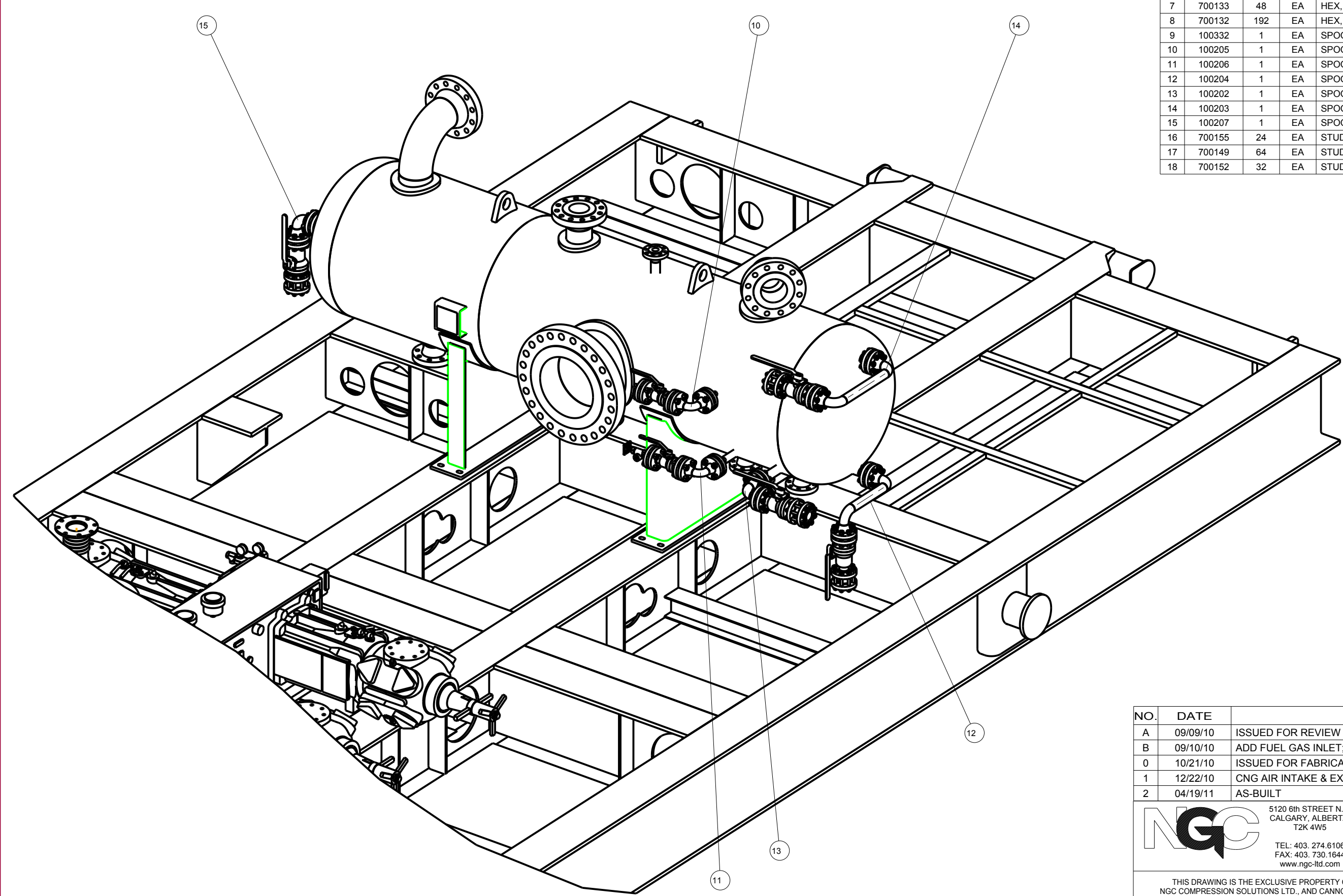


ITEM	PART #	QTY.	UOM	DESCRIPTION
1	804760	2	EA	BLEED RING, 2"-300CL, 4.250" OD, 1.939" ID, SA-516
2	700049	6	EA	GASKET,FLEXITALLIC (PINK),1-1/2"-3/4/600CL
3	700054	2	EA	GASKET,FLEXITALLIC (PINK),3"-150CL
4	700056	2	EA	GASKET,FLEXITALLIC (PINK),4"-150CL
5	700133	32	EA	HEX, NUT, 3/4" 2H
6	700132	48	EA	HEX, NUT, 5/8" 2H
7	100198	1	EA	SPOOL FROM PSV 520 - TO SPOOL 100215
8	100215	1	EA	SPOOL FROM SPOOL 100198 - TO SPOOL 100185
9	700155	8	EA	STUD, 3/4-10TPI x 4 1/2" LG, B7
10	804933	8	EA	STUD, 3/4-10TPI x 6 1/2" LG, B7
11	700147	24	EA	STUD, 5/8-11TPI x 3 1/2" LG, B7

AS-BUILT

BY: _____
DATE: _____

NO.	DATE	REVISION	BY
A	09/09/10	ISSUED FOR REVIEW	MER
B	09/10/10	ADD FUEL GAS INLET; ADD CENTER OF GRAVITY	MER
0	10/21/10	ISSUED FOR FABRICATION	MER
1	12/22/10	CNG AIR INTAKE & EXHAUST LOCATIONS; ADD SHEETS 4-11	MER
2	04/19/11	AS-BUILT	MER
		5120 6th STREET N.E. CALGARY, ALBERTA T2K 4W5 TEL: 403. 274.6106 FAX: 403. 730.1644 www.ngc-ltd.com	DRAWN BY: MER DATE: 12/16/10 APPROVED BY: AH DATE: 12/16/10 WO NO.: 16983-89-NC PART NO.: - TITLE: GENERAL ARRANGEMENT PSV HEADER ASSEMBLY
		THIS DRAWING IS THE EXCLUSIVE PROPERTY OF NGC COMPRESSION SOLUTIONS LTD., AND CANNOT BE REPRODUCED OR DISTRIBUTED WITHOUT THE PERMISSION OF NGC COMPRESSION SOLUTIONS LTD.	END USER: CONOCOPHILLIPS ALASKA INC. BELUGA RIVER, ALASKA - SCALE: NTS DWG. NO.: 16983-500 SHEET 8 OF 11 REV: 2



ITEM	PART #	QTY.	UOM	DESCRIPTION
1	804340	4	EA	BLEED RING, 2"-300CL, 4.250" OD, 2.125" ID, SA-516
2	804960	2	EA	FLANGE,RF RED THD,1-1/2-600CL XH
3	801159	4	EA	FLANGE,RF THD,2-600CL XH
4	801223	1	EA	GASKET,FLEXITALLIC (GREY),3"-150CL
5	700049	6	EA	GASKET,FLEXITALLIC (PINK),1-1/2"-3/4/600CL
6	700052	16	EA	GASKET,FLEXITALLIC (PINK),2"-3/4/600CL
7	700133	48	EA	HEX, NUT, 3/4" 2H
8	700132	192	EA	HEX, NUT, 5/8" 2H
9	100332	1	EA	SPOOL FROM PSV 8138 - TO SKID EDGE
10	100205	1	EA	SPOOL FROM V-100 - TO BV 720
11	100206	1	EA	SPOOL FROM V-100 - TO BV 720
12	100204	1	EA	SPOOL FROM V-100 - TO BV 749
13	100202	1	EA	SPOOL FROM V-100 - TO BV 799
14	100203	1	EA	SPOOL FROM V-100 - TO BV 799
15	100207	1	EA	SPOOL FROM V-100 - TO BV 799
16	700155	24	EA	STUD, 3/4-10TPI x 4 1/2" LG, B7
17	700149	64	EA	STUD, 5/8-11TPI x 4 1/2" LG, B7
18	700152	32	EA	STUD, 5/8-11TPI x 6" LG, B7

AS-BUILT

BY: _____

DATE: _____

NO.	DATE	REVISION	BY
A	09/09/10	ISSUED FOR REVIEW	MER
B	09/10/10	ADD FUEL GAS INLET; ADD CENTER OF GRAVITY	MER
0	10/21/10	ISSUED FOR FABRICATION	MER
1	12/22/10	CNG AIR INTAKE & EXHAUST LOCATIONS; ADD SHEETS 4-11	MER
2	04/19/11	AS-BUILT	MER



5120 6th STREET N.E.
CALGARY, ALBERTA
T2K 4W5

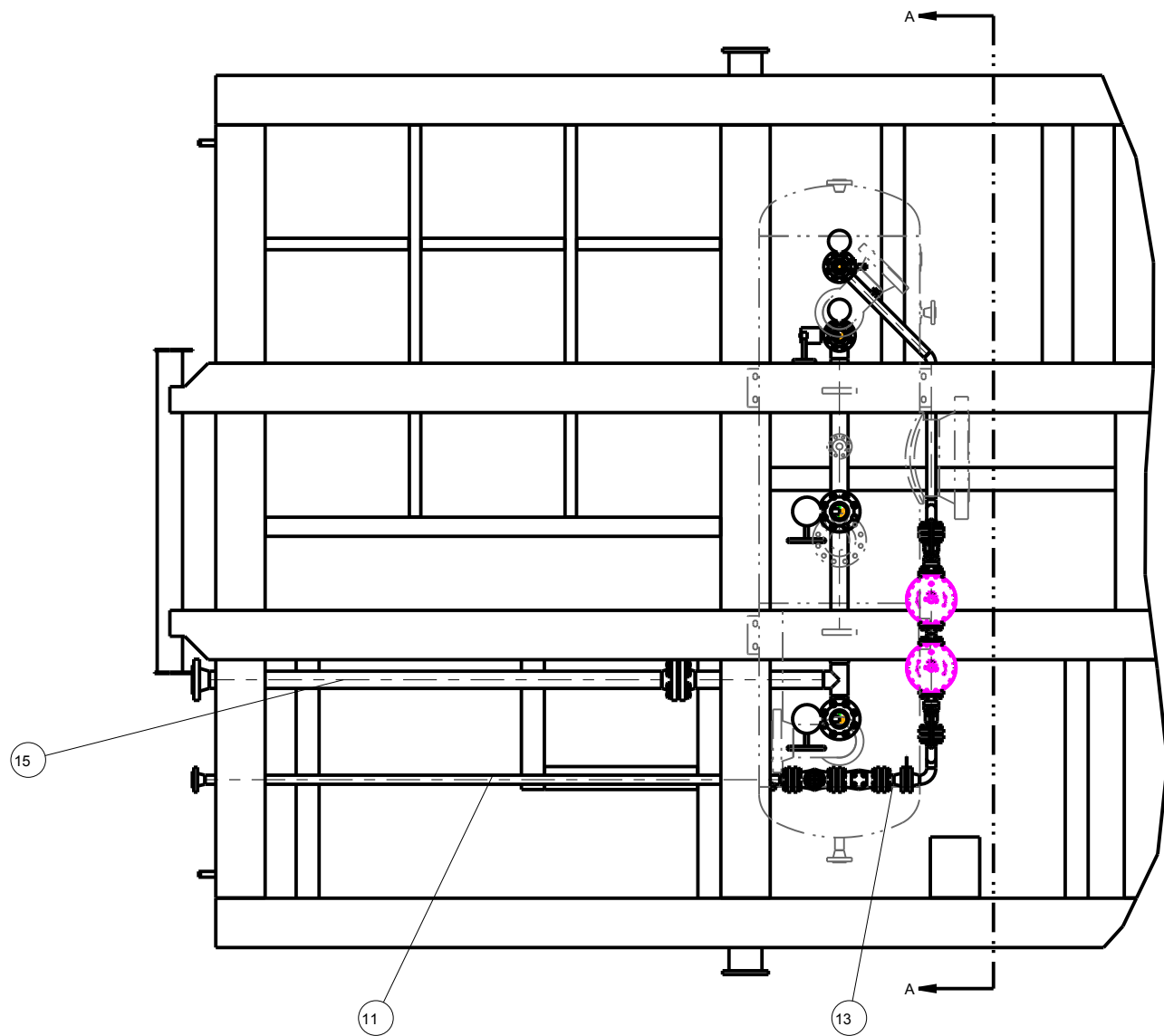
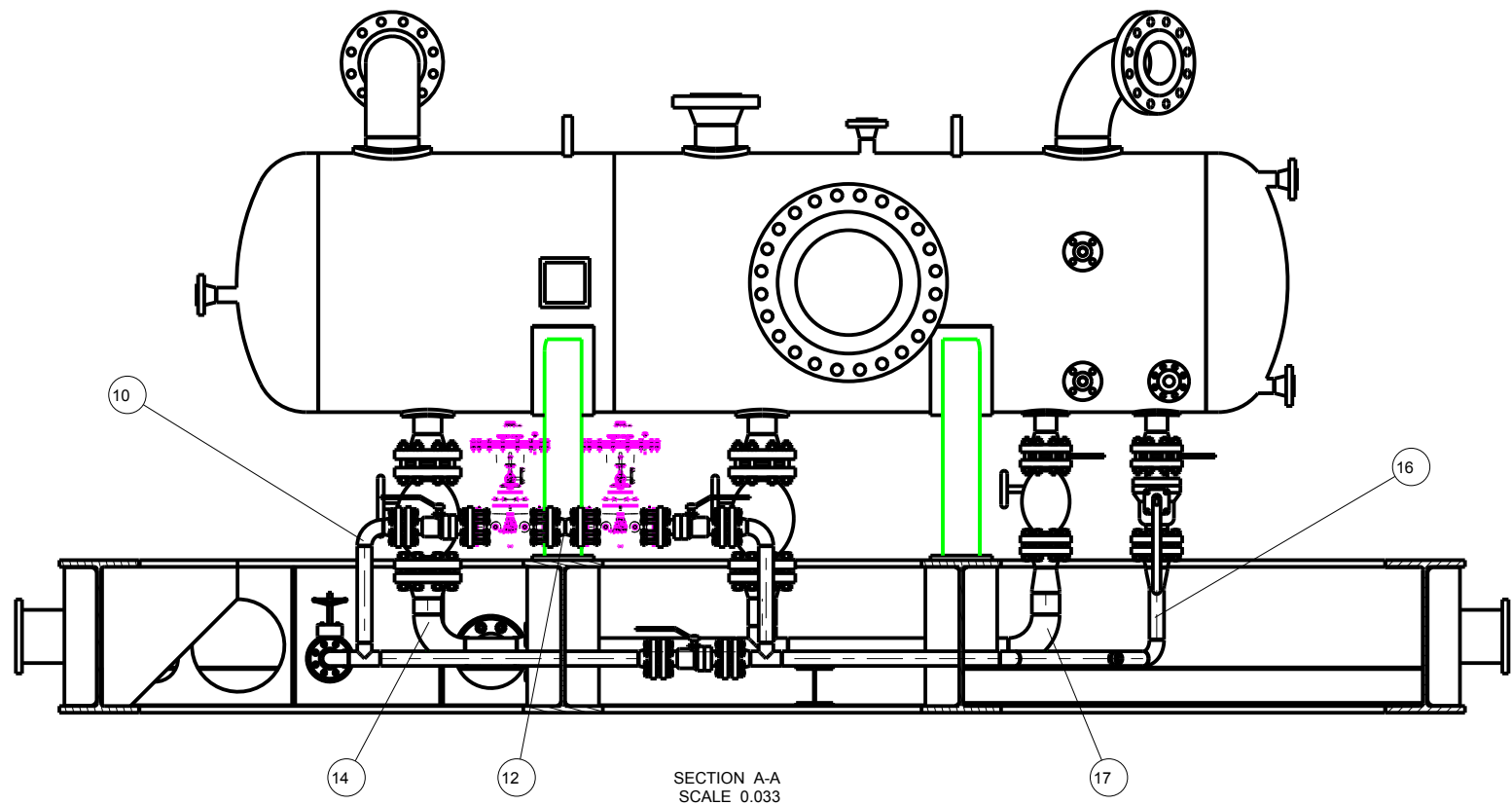
TEL: 403. 274.6106
FAX: 403. 730.1644
www.ngc-ltd.com

DRAWN BY: MER
APPROVED BY: AH
WO NO.: 16983-89-NC
TITLE: GENERAL ARRANGEMENT
ADDITIONAL UTILITIES ASSEMBLY

END USER: CONOCOPHILLIPS ALASKA INC.
BELUGA RIVER, ALASKA -

SCALE: NTS
DWG. NO.: 16983-500
SHEET 9 OF 11
REV: 2

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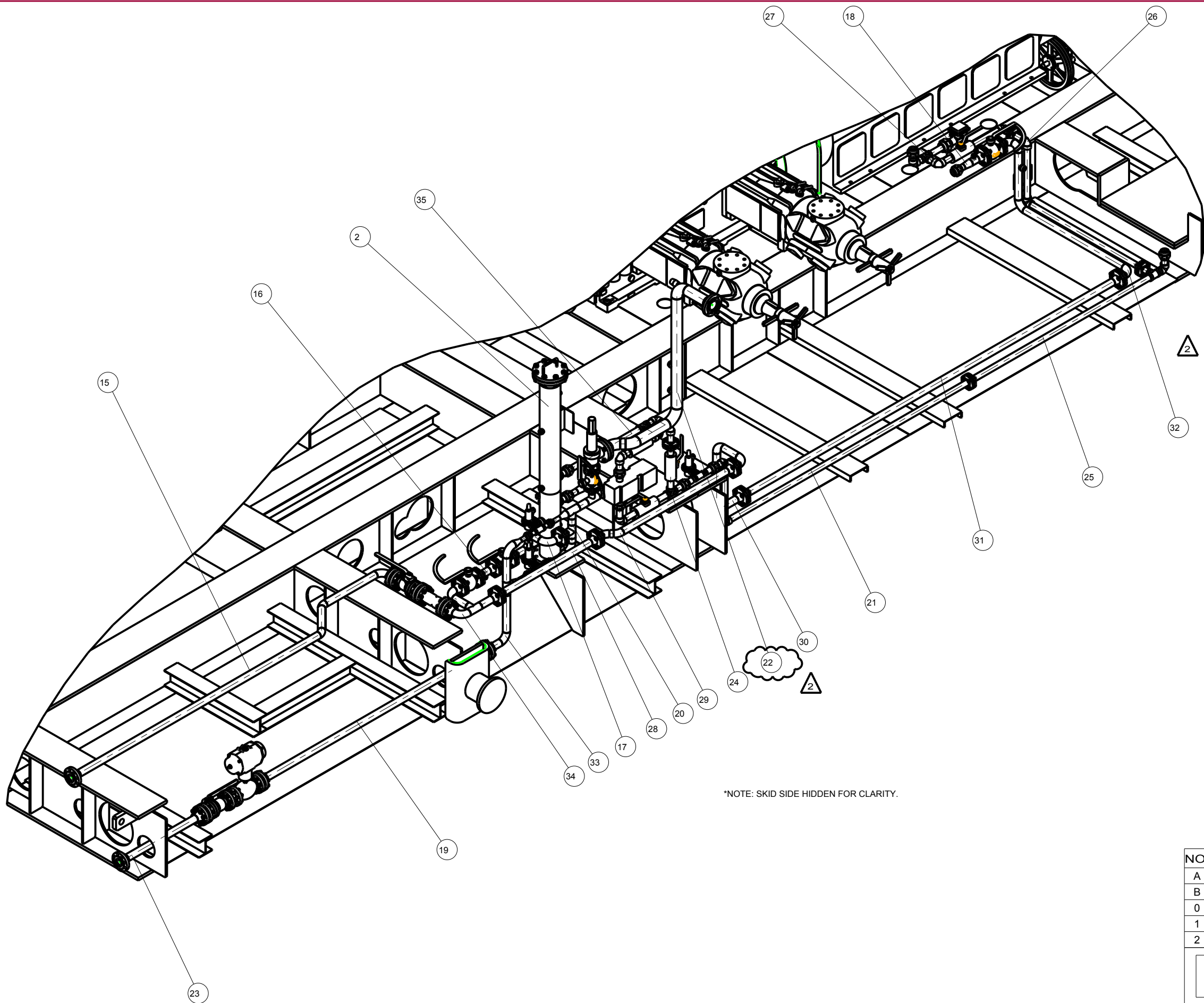
ITEM	PART #	QTY.	UOM	DESCRIPTION
1	804178	2	EA	BLIND, SPECTACLE, TYPE 2,,RF,3"-600CL
2	804177	2	EA	BLIND, SPECTACLE, TYPE 2,,RF,4"-600CL
3	700052	14	EA	GASKET,FLEXITALLIC (PINK),2"-3/4/600CL
4	700055	6	EA	GASKET,FLEXITALLIC (PINK),3"-3/4/600CL
5	700541	9	EA	GASKET,FLEXITALLIC (PINK),4"-600CL
6	700133	64	EA	HEX, NUT, 3/4" 2H
7	700132	176	EA	HEX, NUT, 5/8" 2H
8	700134	96	EA	HEX, NUT, 7/8" 2H
9	801534	1	EA	PLATE,ORIFICE,2"-600CL, 2.375 ID, x .125 THK., A1011 CS
10	100196	1	EA	SPOOL FROM BV 712 - TO RO 725
11	100163	1	EA	SPOOL FROM GAV 717 - TO SKID EDGE
12	100195	1	EA	SPOOL FROM LCV 713 - TO LCV 714
13	100197	1	EA	SPOOL FROM RO 725 - TO CH 716
14	100216	1	EA	SPOOL FROM SPOOL 100190 - TO SPOOL 100191
15	100191	1	EA	SPOOL FROM SPOOL 100216 - TO SKID EDGE
16	100194	1	EA	SPOOL FROM V-100 - TO BV 712
17	100190	1	EA	SPOOL FROM V-100 - TO SPOOL 100216
18	700156	16	EA	STUD, 3/4-10TPI x 5" LG, B7
19	801945	16	EA	STUD, 3/4-10TPI x 6" LG, B7
20	700149	88	EA	STUD, 5/8-11TPI x 4 1/2" LG, B7
21	700159	32	EA	STUD, 7/8-9TPI x 6" LG, B7
22	TBA	16	EA	STUD, 7/8-9TPI x 7" LG, B7

AS-BUILT

BY: _____
DATE: _____

NO.	DATE	REVISION	BY
A	09/09/10	ISSUED FOR REVIEW	MER
B	09/10/10	ADD FUEL GAS INLET; ADD CENTER OF GRAVITY	MER
0	10/21/10	ISSUED FOR FABRICATION	MER
1	12/22/10	CNG AIR INTAKE & EXHAUST LOCATIONS; ADD SHEETS 4-11	MER
2	04/19/11	AS-BUILT	MER

	5120 6th STREET N.E. CALGARY, ALBERTA T2K 4W5		DRAWN BY: MER	DATE: 12/16/10
	TEL: 403. 274.6106 FAX: 403. 730.1644 www.ngc-ltd.com		APPROVED BY: AH	DATE: 12/16/10
			WO NO.: 16983-89-NC	PART NO.: -
			TITLE: GENERAL ARRANGEMENT DRAIN ASSEMBLY	
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			SCALE NTS	DWG. NO. 16983-500 SHEET 10 OF 11 REV 2



ITEM	PART #	QTY.	UOM	DESCRIPTION
1	804340	1	EA	BLEED RING, 2"-300CL, 4.250" OD, 2.125" ID, SA-516
2	100057	1	EA	FUEL GAS FILTER, 6-5/8 OD x 70 S/S
3	700048	6	EA	GASKET,FLEXITALLIC (PINK),1-1/2"-150CL
4	700051	12	EA	GASKET,FLEXITALLIC (PINK),2"-150CL
5	700052	11	EA	GASKET,FLEXITALLIC (PINK),2"-3/4/600CL
6	700054	1	EA	GASKET,FLEXITALLIC (PINK),3"-150CL
7	GROUP	1	EA	GSKT, 3"-150CL PINK, B7 STUD 5/8"x3-1/2", 2H NUT
8	801451	48	EA	HEX, NUT, 1/2" 2H
9	700132	224	EA	HEX, NUT, 5/8" 2H
10	700116	4	EA	NIPPLE, THD, 1-1/2" S160 x 3" LG
11	700091	4	EA	NIPPLE, THD, 1" XH x 3" LG
12	700125	1	EA	NIPPLE, THD, 2" XH x 3" LG
13	-	1	EA	PSV, FARRIS 2600, 26GA10A, 1-1/2" 150CL RF x 3" 150CL RF
14	801884	3	EA	REGULATOR, FISHER, MODEL 627R-186
15	100245	1	EA	SPOOL FROM AIR INLET - TO BV 8114
16	100247	1	EA	SPOOL FROM BV 8114 - TO BV 8144
17	100248	1	EA	SPOOL FROM BV 8114 - TO SPOOL 100238
18	100255	1	EA	SPOOL FROM BV 8115 - TO RV 8118
19	100236	1	EA	SPOOL FROM CV8108 - TO STRAINER 8113
20	100238	1	EA	SPOOL FROM PRV 8104 - TO V-8130
21	100241	1	EA	SPOOL FROM PRV 8107 - TO SPOOL 100242
22	100332	1	EA	SPOOL FROM PSV 8138 - TO SKID EDGE
23	100193	1	EA	SPOOL FROM SKID EDGE - TO FUEL GAS BV 8100
24	100240	1	EA	SPOOL FROM SPOOL 100239 - TO PRV 8107
25	100242	1	EA	SPOOL FROM SPOOL 100241 - TO SPOOL 100243
26	100160	1	EA	SPOOL FROM SPOOL 100242 - TO SPOOL 100244
27	100244	1	EA	SPOOL FROM SPOOL 100243 - TO FUEL GAS INLET
28	100250	1	EA	SPOOL FROM SPOOL 100246 - TO SPOOL 100251
29	100251	1	EA	SPOOL FROM SPOOL 100250 - TO SPOOL 100252
30	100252	1	EA	SPOOL FROM SPOOL 100251 - TO SPOOL 100253
31	100253	1	EA	SPOOL FROM SPOOL 100252 - TO SPOOL 100254
32	100254	1	EA	SPOOL FROM SPOOL 100253 - TO BV 8115
33	100237	1	EA	SPOOL FROM STRAINER 8113 - TO PRV 8104
34	100246	1	EA	SPOOL FROM STRAINER 8121 - TO SPOOL 100250
35	100239	1	EA	SPOOL FROM V-8130 - TO SPOOL 100240
36	700146	2	EA	STRAINER, Y, 600CL, 1-1/2" NPT
37	803168	24	EA	STUD, 1/2-13TPI x 3" LG, B7
38	700147	48	EA	STUD, 5/8-11TPI x 3 1/2" LG, B7
39	700149	56	EA	STUD, 5/8-11TPI x 4 1/2" LG, B7
40	700152	8	EA	STUD, 5/8-11TPI x 6" LG, B7
41	700165	2	EA	SWAGE NIPPLE, CONC., 1- 1/2" x 1"
42	700191	9	EA	UNION, THD, 1-1/2"-3000CL
43	700190	4	EA	UNION, THD, 1"-3000CL
44	700192	1	EA	UNION, THD, 2"-3000CL
45	802500	1	EA	VALVE, SHUT-OFF, MURPHY, MODEL: M2582C-E

AS-BUILT

BY: _____

DATE: _____

NO.	DATE	REVISION	BY
A	09/09/10	ISSUED FOR REVIEW	MER
B	09/10/10	ADD FUEL GAS INLET; ADD CENTER OF GRAVITY	MER
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 5120 6th STREET N.E. CALGARY, ALBERTA T2K 4W5 TEL: 403. 274.6106 FAX: 403. 730.1644 www.ngc-ltd.com	DRAWN BY:	MER	DATE:	12/16/10
	APPROVED BY:	AH	DATE:	12/16/10
	WO NO.:	16983-89-NC	PART NO.:	-
	TITLE: GENERAL ARRANGEMENT FUEL GAS ASSEMBLY			

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	SCALE	DWG. NO.	SHEET 11 OF 11
	NTS	16983-500	REV 2