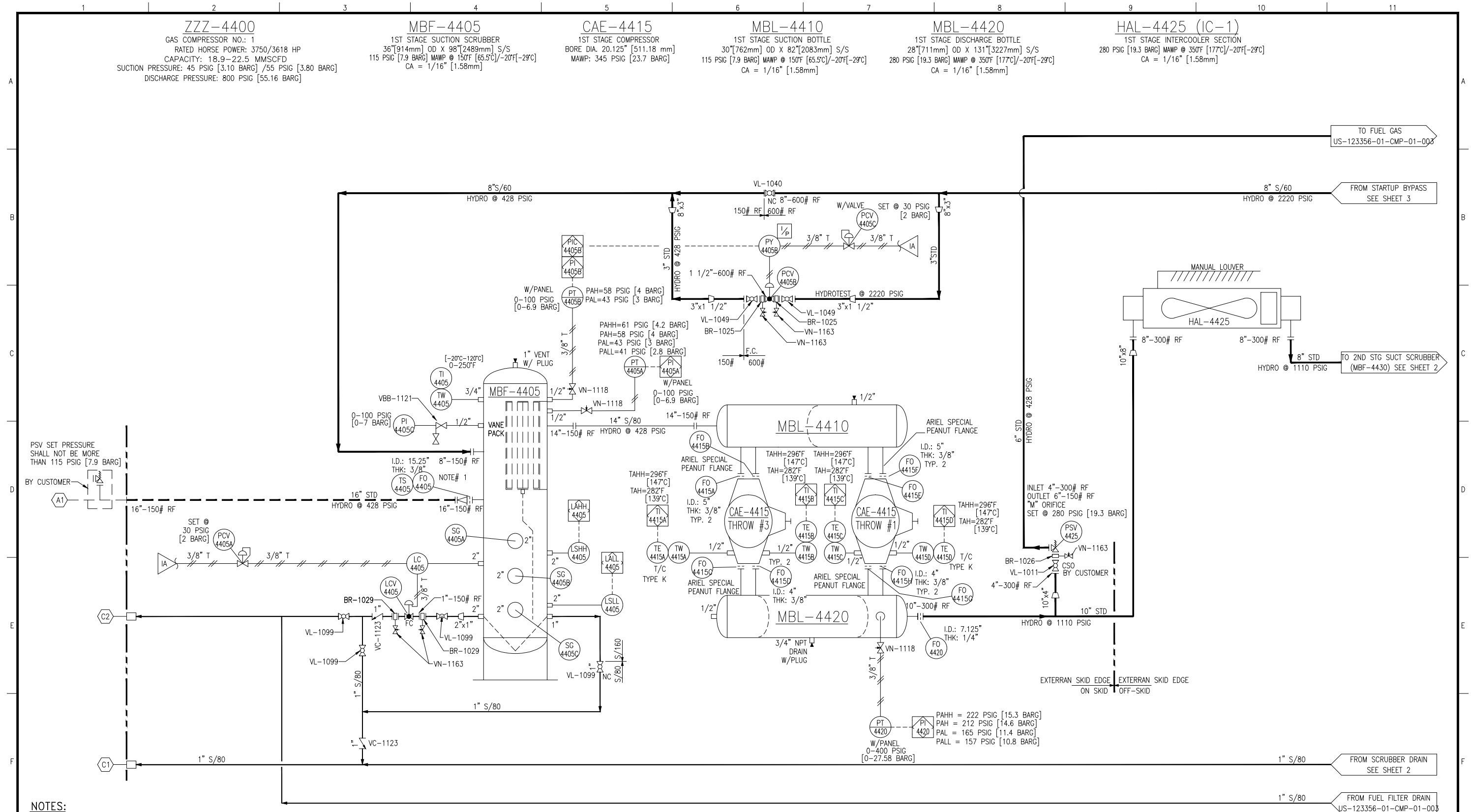




NOTES:

1. FLOW ORIFICE FO-4405 TO BE INSTALLED IN PLACE OF TEMPORARY STRAINER TS-4405 AT SITE AFTER INITIAL HOURS OF OPERATION (REFER TO OEM GUIDE) BY CUSTOMER. FO-4405 SHALL BE SHIPPED LOOSE. TS-4405 SHALL BE INSTALLED AND SHIP WITH UNIT.
2. NO LOAD START UP.
3. ADD "45-" IN FRONT OF INSTRUMENT TAG NUMBER REPLACING 44 FOR UNIT 02.

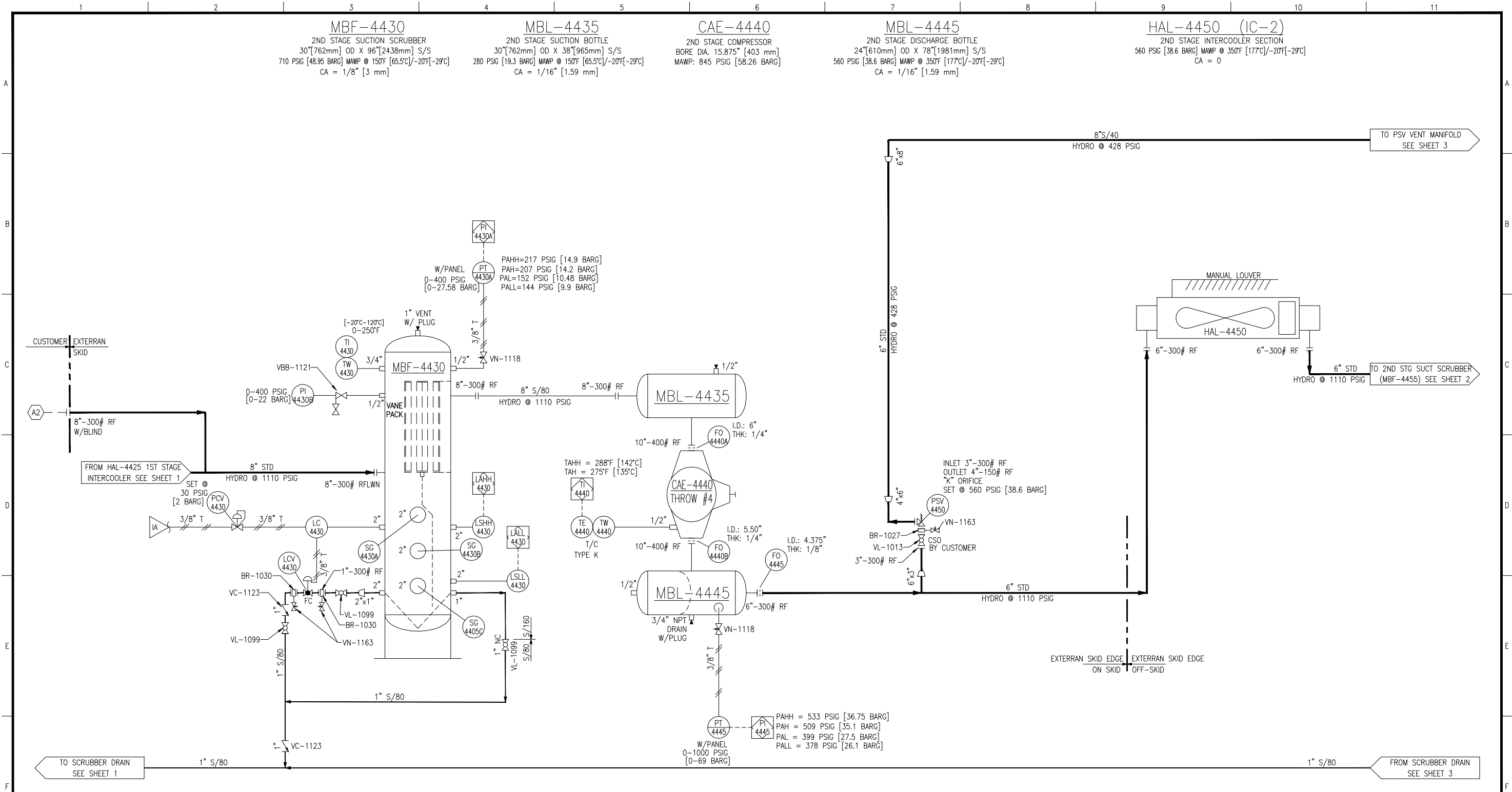
CUSTOMER CONNECTIONS			MAJOR COMPONENTS		
MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION
A	16"-150# RF	CUSTOMER GAS INLET	COMPRESSOR	ARIEL KBZ-4	
B	6"-600# RF	CUSTOMER GAS OUTLET	CYLINDERS	THROW #1 20-1/8Z:10	THROW #2 11Z:10
C	1"-3000# FNPT	SCRUBBER DRAINS		THROW #3 20-1/8Z:10	THROW #4 15 7/8Z:10
D	8"-150# RF	PSV VENT HEADER	DRIVER	WAUKESHA 12V275GL	
E	1"-3000# FNPT	1ST STAGE SCRUBBER DRAIN	COUPLING	TB WOODS: FSH-92HT-28	
F	2"-600# RF	BLOWDOWN VALVE CONNECTION	COOLER	AXC 168-27	
G	8"-300# RF	CUSTOMER INLET GAS AT 2ND STG SUCTION	PANEL	MURPHY CENTURION C5 CUSTOM	

TUBING WALL THICKNESS		REV.		DESCRIPTION		DATE		BY		CK		APP'D	
DIA.	WALL THICKNESS												
1/4"	0.035"												
3/8"	0.035"												
1/2"	0.049"	0	ISSUED FOR CONSTRUCTION			11/27/19	H.F.	V.V.	V.V.				
3/4"	0.065"												
1"	0.065"												

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JOB. NO./W.I.P. NO./OP. STEP													
PART NO./PRODUCT I.D. NO.													

4444 Brittmoore Rd. Houston, TX, 77041 (281) 854-3000													
--	--	--	--	--	--	--	--	--	--	--	--	--	--

THIS DRAWING APPLIES TO TASK NO'S													
CUSTOMER KAEGO ENERGY & TECHNOLOGY CORP. BELEMA INDUSTRIAL ISLAND DEVELOPMENT													
TITLE PROCESS P&ID, 4 THROW, 3 STAGE (1ST STAGE) GAS COMPRESSOR UNIT NO. 1													
DRAWN Hector F		DATE 07/29/2019		APPROVED V.V.		SCALE - D SIZE		NO. REQ'D		1/PER UNIT		SHT. NO. REV.	
DRAWING NO. US-123356-01-CMP-01-001												1 OF 3	



- NOTES:**
1. FLOW ORIFICE FO-1144 TO BE INSTALLED IN PLACE OF TEMPORARY STRAINER TS-1137 AT SITE AFTER INITIAL HOURS OF OPERATION (REFER TO OEM GUIDE) BY CUSTOMER. FO-1144 SHALL BE SHIPPED LOOSE. TS-1137 SHALL BE INSTALLED AND SHIP WITH UNIT.
 2. NO LOAD START UP.
 3. ADD "45-" IN FRONT OF INSTRUMENT TAG NUMBER REPLACING 44 FOR UNIT 02.

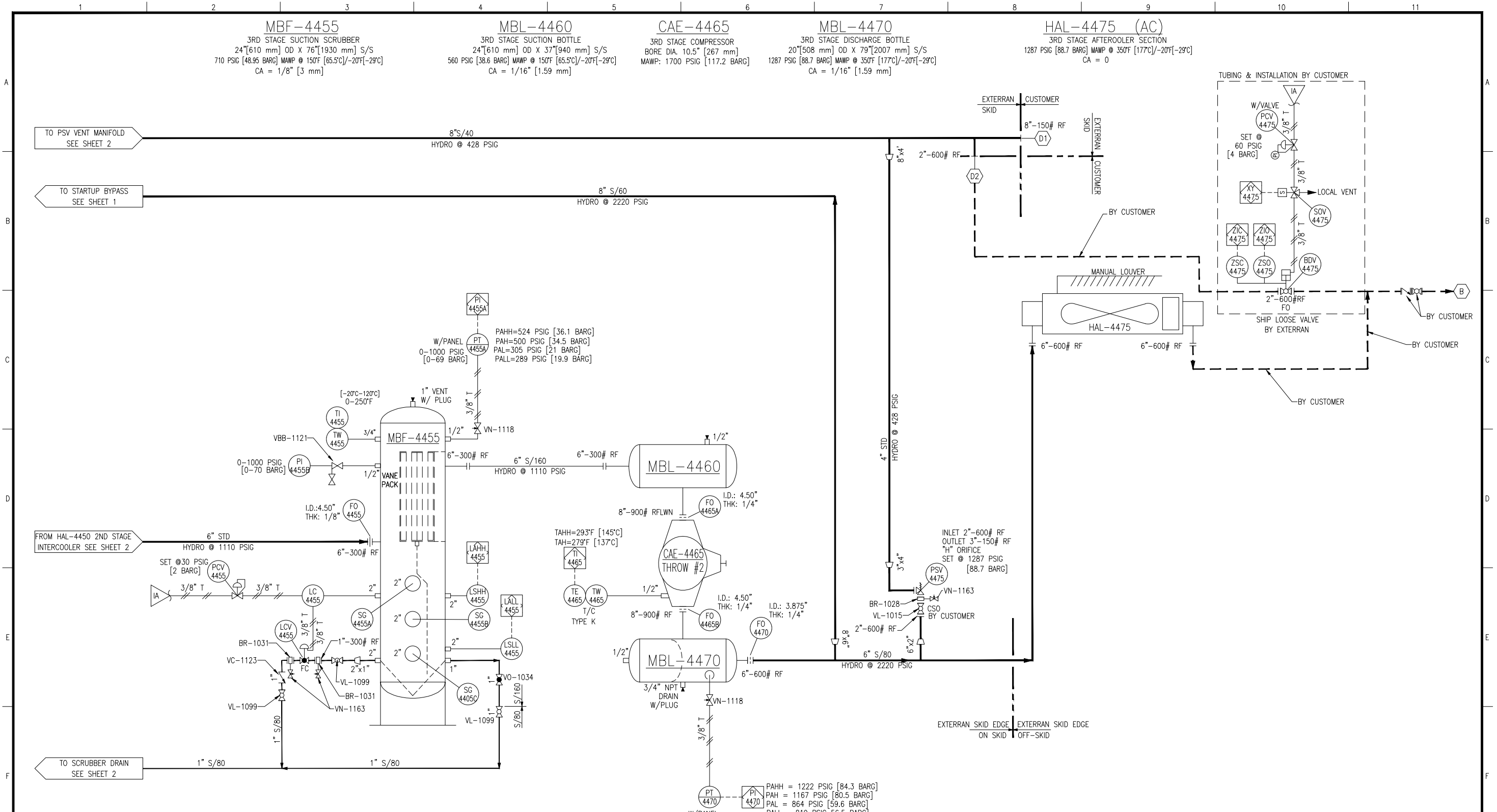
CUSTOMER CONNECTIONS				MAJOR COMPONENTS			
MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION	COMPRESSOR	ARIEL KBZ-4
(A)	16"-150# RF	CUSTOMER GAS INLET	(1)			CYLINDERS	THROW #1 20-1/8Z:10 112:10
(B)	6"-600# RF	CUSTOMER GAS OUTLET	(2)				THROW #2 20-1/8Z:10 112:10
(C)	1"-3000# FNPT	SCRUBBER DRAINS	(3)				THROW #3 20-1/8Z:10 15 7/8Z:10
(D)	8"-150# RF	PSV VENT HEADER	(4)			DRIVER	WAUKESHA 12V275GL
(E)	1"-3000# FNPT	1ST STAGE SCRUBBER DRAIN	(5)			COUPLING	TB WOODS: FSH-92HT-28
(F)	2"-600# RF	BLOWDOWN VALVE CONNECTION	(6)			COOLER	AXC 168-27
(G)	8"-300# RF	CUSTOMER INLET GAS AT 2ND STG SUCTION	(7)			PANEL	MURPHY CENTURION C5 CUSTOM

TUBING WALL THICKNESS		DIA.		WALL THICKNESS	
1/4"	0.035"	3/8"	0.035"	1/2"	0.049"
3/4"	0.065"	1"	0.065"		

REV.	DESCRIPTION	DATE	BY	CK	APP'D
0	ISSUED FOR CONSTRUCTION	11/27/19	H.F.	V.V.	V.V.

PART NO./PRODUCT I.D. NO.	THIS DRAWING CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF EXTERNAN. ITS CONTENTS MAY NOT BE COPIED, DISCLOSED TO THIRD PARTIES IN WHOLE OR IN PARTS, OR USED FOR OTHER THAN THE EXPRESS PURPOSE FOR WHICH IT HAS BEEN PROVIDED. © 2007 EXTERNAN CORPORATION INC. ALL RIGHTS RESERVED.
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CUSTOMER		KAEKO ENERGY & TECHNOLOGY CORP.		BELEMA INDUSTRIAL ISLAND DEVELOPMENT	
TITLE		PROCESS P&ID, 4 THROW, 3 STAGE (2ND STAGE) GAS COMPRESSOR UNIT NO.1			
DRAWN	DATE	APPROVED	SCALE	NO. REV'D	1/PER UNIT
Hector F	07/29/2019	V.V.	N.T.S.	2	0
DRAWING NO.		US-123356-01-CMP-01-001		SHT. NO. REV.	
				2 OF 3	



- NOTES:**
1. FLOW ORIFICE FO-1144 TO BE INSTALLED IN PLACE OF TEMPORARY STRAINER TS-1137 AT SITE AFTER INITIAL HOURS OF OPERATION (REFER TO OEM GUIDE) BY CUSTOMER. FO-1144 SHALL BE SHIPPED LOOSE. TS-1137 SHALL BE INSTALLED AND SHIP WITH UNIT.
 2. NO LOAD START UP.
 3. ADD "45-" IN FRONT OF INSTRUMENT TAG NUMBER REPLACING 44 FOR UNIT 02.

US-123356-0021-REV.01

CUSTOMER CONNECTIONS				MAJOR COMPONENTS			
MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION	COMPRESSOR/ARIEL KBZ-4	
(A)	16"-150# RF	CUSTOMER GAS INLET				THROW #1	THROW #2
(B)	6"-600# RF	CUSTOMER GAS OUTLET				20-1/8Z:10	11Z:10
(C)	1"-3000# FNPT	SCRUBBER DRAINS				THROW #3	THROW #4
(D)	8"-150# RF	PSV VENT HEADER				20-1/8Z:10	15 7/8Z:10
(E)	1"-3000# FNPT	1ST STAGE SCRUBBER DRAIN			DRIVER	WAUKESHA 12V275GL	
(F)	2"-600# RF	BLOWDOWN VALVE CONNECTION			COUPLING	TB WOODS: FSH-92HT-28	
(G)	8"-300# RF	CUSTOMER INLET GAS AT 2ND STG SUCTION			COOLER	AXC 168-2Z	
(H)					PANEL	MURPHY CENTURION C5 CUSTOM	

TUBING WALL THICKNESS		REVISIONS		REVISIONS	
DIA.	WALL THICKNESS	REV.	DESCRIPTION	DATE	BY
1/4"	0.035"	0	ISSUED FOR CONSTRUCTION	11/27/19	H.F.
3/8"	0.035"				V.V.
1/2"	0.049"				V.V.
3/4"	0.065"				V.V.
1"	0.065"				V.V.

4500	US-123356-02
4400	US-123356-01
THIS DRAWING APPLIES TO TASK NO'S	

CUSTOMER		KAEKO ENERGY & TECHNOLOGY CORP.	
		BELEMA INDUSTRIAL ISLAND DEVELOPMENT	
TITLE			
PROCESS P&ID, 4 THROW, 3 STAGE (3RD STAGE) GAS COMPRESSOR UNIT NO. 1			
DRAWN	DATE	APPROVED	SCALE
Hector F	07/29/2019	V.V.	N.T.S.
DRAWING NO.	US-123356-01-CMP-01-001	SHT. NO.	3 OF 3

US-123356-0021-REV.01

CUSTOMER CONNECTIONS				MAJOR COMPONENTS			
MK.	SIZE & RATING	DESCRIPTION	MK.	SIZE & RATING	DESCRIPTION	COMPRESSOR/ARIEL KBZ-4	
(A)	16"-150# RF	CUSTOMER GAS INLET				THROW #1	THROW #2
(B)	6"-600# RF	CUSTOMER GAS OUTLET				20-1/8Z:10	11Z:10
(C)	1"-3000# FNPT	SCRUBBER DRAINS				THROW #3	THROW #4
(D)	8"-150# RF	PSV VENT HEADER				20-1/8Z:10	15 7/8Z:10
(E)	1"-3000# FNPT	1ST STAGE SCRUBBER DRAIN			DRIVER	WAUKESHA 12V275GL	
(F)	2"-600# RF	BLOWDOWN VALVE CONNECTION			COUPLING	TB WOODS: FSH-92HT-28	
(G)	8"-300# RF	CUSTOMER INLET GAS AT 2ND STG SUCTION			COOLER	AXC 168-2Z	
(H)					PANEL	MURPHY CENTURION C5 CUSTOM	

TUBING WALL THICKNESS		REVISIONS		REVISIONS	
DIA.	WALL THICKNESS	REV.	DESCRIPTION	DATE	BY
1/4"	0.035"	0	ISSUED FOR CONSTRUCTION	11/27/19	H.F.
3/8"	0.035"				V.V.
1/2"	0.049"				V.V.
3/4"	0.065"				V.V.
1"	0.065"				V.V.

4500	US-123356-02
4400	US-123356-01
THIS DRAWING APPLIES TO TASK NO'S	

CUSTOMER		KAEKO ENERGY & TECHNOLOGY CORP.	
		BELEMA INDUSTRIAL ISLAND DEVELOPMENT	
TITLE			
PROCESS P&ID, 4 THROW, 3 STAGE (3RD STAGE) GAS COMPRESSOR UNIT NO. 1			
DRAWN	DATE	APPROVED	SCALE
Hector F	07/29/2019	V.V.	N.T.S.
DRAWING NO.	US-123356-01-CMP-01-001	SHT. NO.	3 OF 3