NOTES:
1. FOR SYMBOLS & LEGENDS SEE DRAWING 25474-000-M5J-YA-00001.

MP-115 A/B
SEAWATER COOLING PUMP
DESIGN CAPACITY: 17,340 M3/HR
DESIGN △P: 2.1 BAR

MP-121 A/B
SEAWATER BOOSTER PUMP
DESIGN CAPACITY: 5,124 M3/HR
DESIGN △P: 0.84 BAR

ME-101
WASH WATER COOLER
(ABSORBER 1)

ME-104
WASH WATER COOLER
(ABSORBER 2)

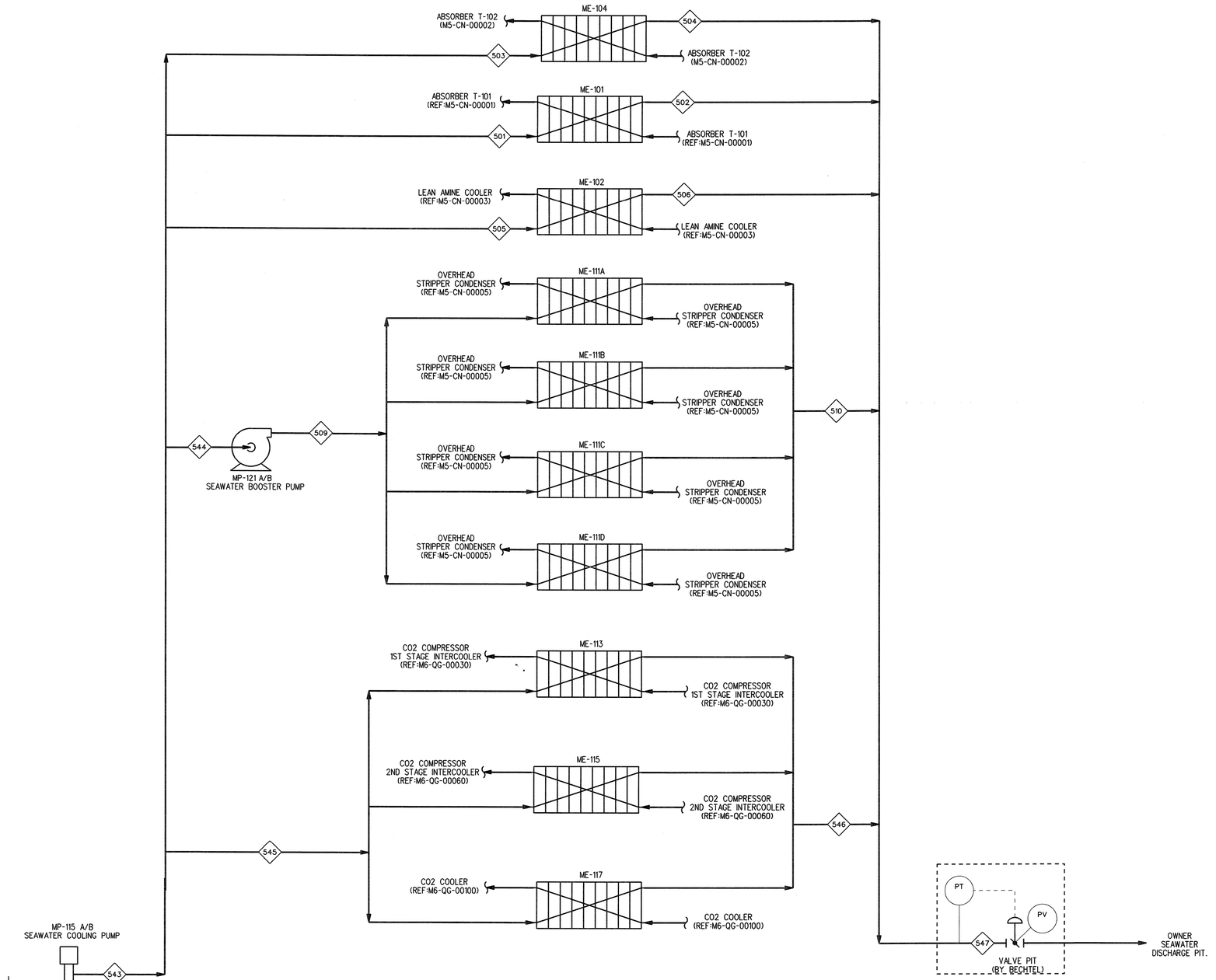
ME-102
LEAN AMINE COOLER

ME-111A/B/C/D
OVERHEAD STRIPPER
CONDENSER

ME-113
CO2 COMPRESSOR
1ST STAGE INTERCOOLER

ME-115
CO2 COMPRESSOR
2ND STAGE INTERCOOLER

ME-117
CO2 COOLER



PROCESS STREAMS	501	502	503	504	505	506	509	510	543	544	545	546	547
TEMPERATURE (°C)	11	21	11	21	11	21	11	21	11	11	11	21	21
PRESSURE (BARG)	1.0	0.23	0.99	0.29	1.05	0.22	1.9	0.21	1.72	1.06	1.03	0.2	0.58
MASS FLOW (KG/HR)	4,990,975	4,990,975	4,990,975	4,990,975	435,580	435,580	5,123,600	5,123,600	17,340,000	5,123,600	1,798,500	1,798,500	17,340,000

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NO.	DATE	REVISIONS	BY	CHK	MECH SUPV	CS SUPV	PD SUPV	PROJ ENGR
△								
△								
△								
△								
0	13 NOV 09	ISSUED FOR APPROVAL						

SCALE | DESIGNED | DRAWN | PM

BECHTEL POWER CORPORATION
FREDERICK, MARYLAND

CO2 KARSTO PROJECT

PROCESS FLOW DIAGRAM
SEAWATER COOLING SYSTEM

GASSNOVA

OWNER DOCUMENT NUMBER: 10112936-PB-P-FLD-0013

JOB NO.: 25474-000

DRAWING NO.: M5-WL-00001

REV: 0

LEVELS: 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 6 6 6 6
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

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