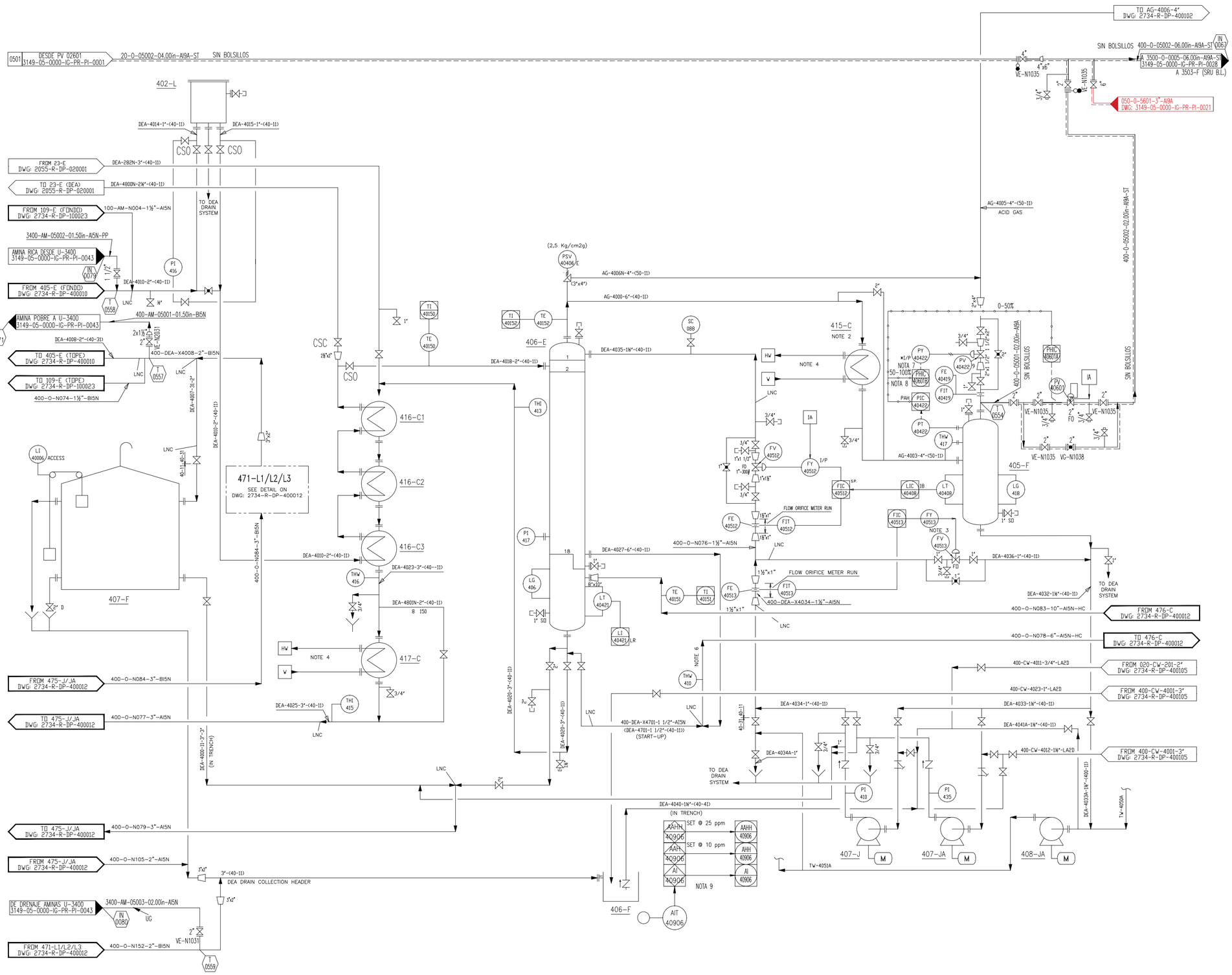


EQUIPOS

407-F
DEA STORAGE TANK

402-L
DEA SOLUTION FILTER

471-L
DEA SOLUTION FILTER

405-F
DEA REACTIVATOR REFLUX DRUM

416-C1/C2/C3
DEA REACTIVATOR
BOTTOMS/FEED EXCHANGER
MAXIMUM OPERATING DUTY: 0,831 Mkal/h
DESIGN PRES. (SHELL): 5,3 kgf/cm2 g
DESIGN TEMP. (SHELL): 135 °C
DESIGN PRES. (TUBES): 11,9 kgf/cm2 g
DESIGN TEMP. (TUBES): 113 °C
ALLOW. PRES. DROP (SHELL): 0,7 kgf/cm2
ALLOW. PRES. DROP (TUBES): 1,5 kgf/cm2

417-C
LEAN DEA COOLER
MAXIMUM OPERATING DUTY: 0,436 Mkal/h
DESIGN PRES. (SHELL): 5,3 kgf/cm2 g
DESIGN TEMP. (SHELL): 93 °C
DESIGN PRES. DROP (SHELL): 0,7 kgf/cm2 g

406-E
DEA REACTIVATOR
HEIGHT (TL-TL): HOLD
INTERNAL DIAMETER: 0,813 m
DESIGN PRESSURE: 2,5 kgf/cm2 g
DESIGN TEMPERATURE: HOLD

406-F
MIXING DRUM

415-C
DEA REACTIVATOR
OVERHEAD CONDENSER
MAXIMUM OPERATING DUTY: 0,403 Mkcal/h
DESIGN PRES. (SHELL): 3,3 kgf/cm2 g
DESIGN TEMP. (SHELL): 135 °C
ALLOW. PRES. DROP (SHELL): 0,2 kgf/cm2

407-J/JA
DEA REACTIVATOR
REFLUX PUMP
NORMAL FLOWRATE: 0,7 m3/h
DESIGN FLOWRATE: 1,0 m3/h
DIFFERENTIAL PRESSURE: 3,2 kgf/cm2
DIFFERENTIAL HEAD: 33 m

408-JA
WATER WASH PUMP
NORMAL FLOWRATE: 7,3 m3/h
DESIGN FLOWRATE: 10,0 m3/h
DIFFERENTIAL PRESSURE: 21,1 kgf/cm2
DIFFERENTIAL HEAD: 213 m

NOTAS

1 – FOR LEGEND, SYMBOLS AND GENERAL NOTES SEE DWG: 2734-R-DP-000001 AND DWG: 2734-R-DP-000002.

2 – 415-C SHOWN AS DOUBLE PIPE ON ORIGINAL PID HAS BEEN RE-DRAWN AS A SHELL AND TUBES ACCORDING TO 31/01/96 DATA SHEET.

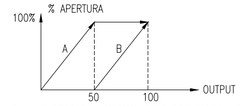
3 – FY AND FV 40513 ARE EXISTING INSTRUMENTS, FORMERLY IDENTIFIED AS LY AND LV 40408.

4 – PARA EL SISTEMA DE AGUA DE ENFRIAMIENTO, VER DIAGRAMA: 3149-06-3800-IG-PR-PI-0007.

5 – EXISTING STEAM AND CONDENSATE PIPING CONFIGURATION TO BE MAINTAINED.

6 – PROCESS INLET PIPING TO 476-C IS TO KEEP THE EXISTING CONFIGURATION. PROVIDE AN INLET HEADER SIMILAR TO THE EXISTING ONE TO ACT AS A SOLID TRAP.

7 – RANGO PARTIDO.



8 – LA OPERACIÓN NORMAL DEBE REALIZARSE A TRAVÉS DE LA VÁLVULA PV-40601 CUYO S.P. NORMAL SERÁ 0,9Kg/cm2g. LA VÁLVULA PV-40422 PASA A SER RESPALDO DE LA PV-40601 Y SU NUEVO S.P. SERÁ COMO MÍNIMO 1.1 Kg/cm2g Y NO DEBERÁ PASAR DE 2Kg/cm2g.

9 – DETECTOR DE H2S.

REFERENCIAS

IFP DWG : 98184.400.PI.D.011 (P1844011.DWG)
ANCAP OLD DWG. : 2055-R-DP-400004-B
DWG: 2734-R-DP-400011
LNC : CAMBIO NUMERO DE LINEA
LINEA NUEVA
LINEA EXISTENTE

REV	DENOMINACIÓN	FECHA	DIBUJÓ	REVISÓ	APROBÓ
3	ACTUALIZACION	04-01-24	MSV	EFT	GA
CAO	CONFORME A OBRA.–	01-04-13	SW	S&W	GVR
2	PARA CONSTRUCCION.–	24-02-10	MHM	S&W	GVR
1	PARA CONSTRUCCION.–	09-11-09	MHM	S&W	GVR
0	PARA CONSTRUCCION.–	27-07-09	HRD	S&W	GVR
A	PARA APROBACION.–	23-06-09	HRD	S&W	GVR

AESA

CLIENTE: ANCAP

OBM: 3149

ESTE DOCUMENTO CONTIENE INFORMACION DE PROPIEDAD DE AESA, SU REPRODUCCION TOTAL O PARCIAL QUEDA TOTALMENTE PROHIBIDA

PROYECTO: GAS OIL Y GASOLINA DE BAJO AZUFRE

TITULO: DEA REACTIVATION– GASES ACIDOS DE U-400 A SRU Y CONEXIONES DE AMINAS A HTN

	PROYECTÓ	DIBUJÓ	REVISÓ	APROBÓ
INICIAL	MHM	HRD	RIM	RMT
FECHA	24-02-10	24-02-10	24-02-10	24-02-10
FIRMA				

AESA N° 3149-05-0000-IG-PR-PI-0005
ANCAP N°
HOJA 1 DE 1
ESCALA S/E
VERSION 1
REVISION 3
REALIZADO EN AUTOCAD 2008 NO MODIFICAR MANUALMENTE
A1 – 840 x 594

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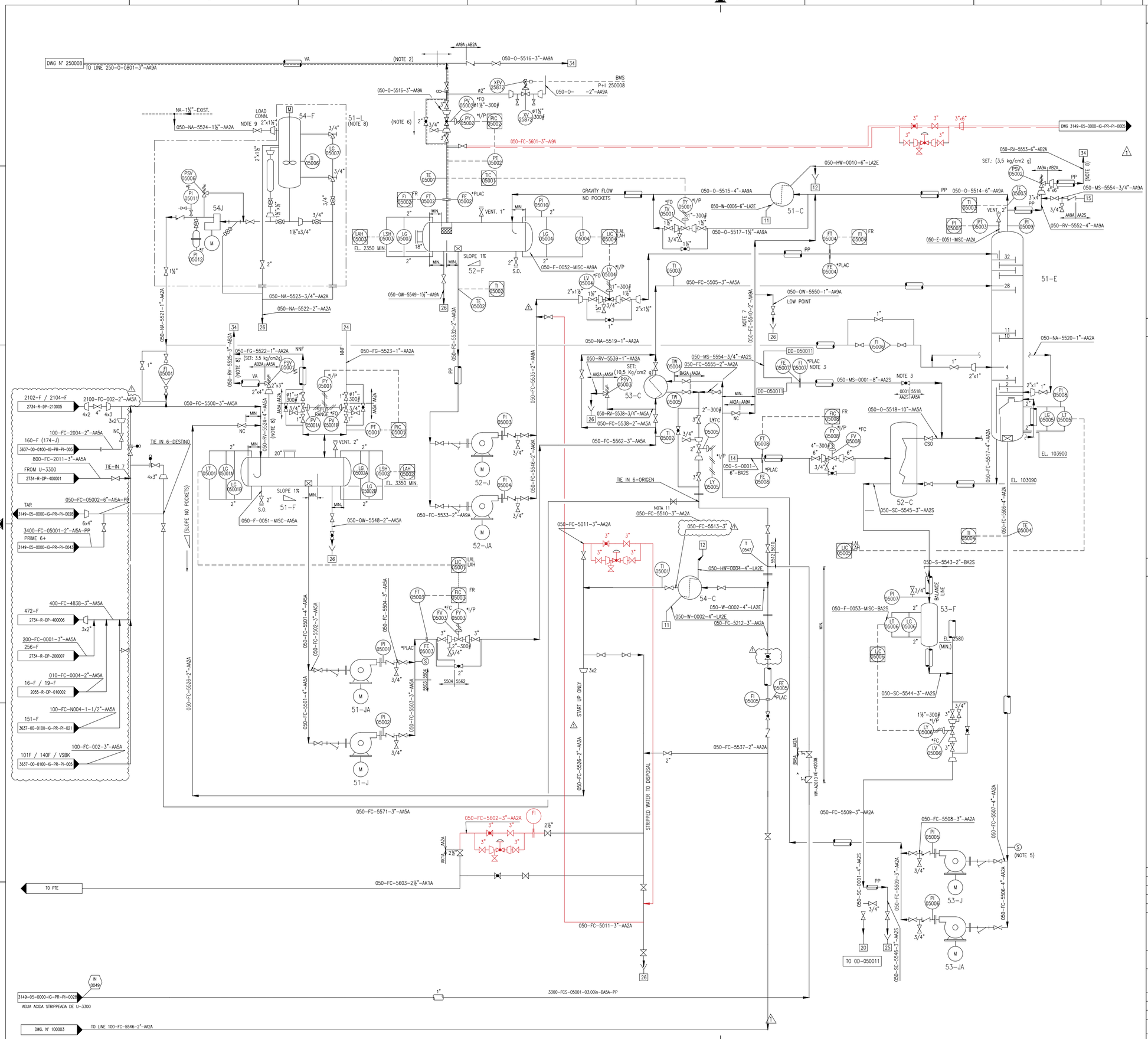

EQUIPOS

51-E
SOUR WATER STRIPPER
914 mm ID x 22370 mm T/T

51-L
SODA INJECTION SYSTEM

54-F
SODA DRUM
1300 mm ID x 2600 mm T/T

51-F
SOUR WATER SURGE DRUM
2178 mm ID x 5940 mm T/T

52-F
STRIPPER REFLUX DRUM
1220 mm ID x 3350 mm T/T

51-C
STRIPPER OVERHEAD CONDENSER
DUTY: 1.4 x 10 Kcal/h

53-C
STRIPPER FEED/ BOTTOMS EXCHANGER
DUTY: 0.9 x 10 Kcal/h

54-C
STRIPPER BOTTOMS COOLER
DUTY: 0.6 x 10 Kcal/h

53-F
CONDENSATE DRUM
460 mm ID x 1410 mm T/T

52-C
SOUR WATER STRIPPER REBOILER
DUTY: 2.4 x 10 Kcal/h

54-J
SODA INJECTION PUMP
CAPACITY: 100 Ltr/h

51-J/JA
SOUR WATER STRIPPER PUMP
CAPACITY: 21 m3/h
HEAD: 60 m

52-J/JA
STRIPPER REFLUX PUMP
CAPACITY: 3.8 m3/h
HEAD: 42.5 m

53-J/JA
STRIPPER WATER PUMP
CAPACITY: 22.8 m3/h
HEAD: 153 m

NOTAS

1. FOR LEGEND; SYMBOLS AND GENERAL NOTES SEE DWG N° 2055-R-DP-000001/000002.
2. TRACEDLINE IN ORDER TO MAINTAIN THE TEMPERATURE NO LOWER THAN 85° C.
3. READABLE FROM VALVE.
4. TAKE OF SAMPLE TO PH MEASURING.
5. TAKE OF SAMPLE TO ANALYSIS AND PH MEASURING.
6. SLOPE TO DRUM FROM CONTROL VALVE.
7. CONDENSER CLEANING LINE.
8. PACKAGE LIMITS FOR DOCUMENT 2055-M-MR-000003.
9. STEAM TRACING DIAMETER ACCORDING TO F.W. SPECIFICATION.
10. LA OPERACION FUTURA DE LA U-10 SERA CON CARGA DEL CORTE DE KEROSENO LIVIANO, CON LO QUE NO SE GENERARA CAUDAL CONSIDERABLE DE AGUA AGRIA.
11. NO ESTA DENTRO DEL ALCANCE LA VERIFICACION DEL 54-C PARA EL NUEVO CASO DE OPERACION.

REFERENCIAS

LINEA NUEVA
LINEA EXISTENTE
LINEA FUTURA

PFD: DWG N° 5343-A1-50-51 (FW)
P&ID: DWG N° 5343-A1-50-55 (FW)
P&ID: DWG N° 5172-2/64-D2 (FW)
FOR REFERENCES 11, 12, 14 AND 21, sSEE DWG N° 2055-R-DD-050011
P&ID: 2055-R-DP-05001

REV	DENOMINACIÓN	FECHA	DIBUJÓ	REVISÓ	APROBÓ
1	NUEVAS LINEAS Y ACCESORIOS AGREGADOS	06-02-24	LBR		
CAO	CONFORME A OBRA	01-04-13	SVV	S&W	GVR
0	PARA CONSTRUCCION	15-10-09	LDA	S&W	GVR
A	PARA APROBACION.-	29-05-09	CSR	S&W	GVR

AESA

CLIENTE: ANCAP

OBM: 3149

ESTE DOCUMENTO CONTIENE INFORMACION DE PROPIEDAD DE AESA, SU REPRODUCCION TOTAL O PARCIAL QUEDA TOTALMENTE PROHIBIDA

PROYECTO: GAS OIL Y GASOLINA DE BAJO AZUFRE

	PROYECTÓ	DIBUJÓ	REVISÓ	APROBÓ
INICIAL	LDA	CSR	RIM	RMT
FECHA	29-05-09	29-05-09	29-05-09	29-05-09
FIRMA				

TITULO: SOUR WATER STRIPPER U-50 (CONEXIONES U-3300 CON U-50)

AESA N° 3149-05-0000-IG-PR-PI-0021
ANCAP N°
HOJA 1 DE 1
ESCALA S/E
VERSION 1
REVISION 1

REALIZADO EN AUTOCAD 2008 NO MODIFICAR MANUALMENTE

A1 - 840 x 594

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