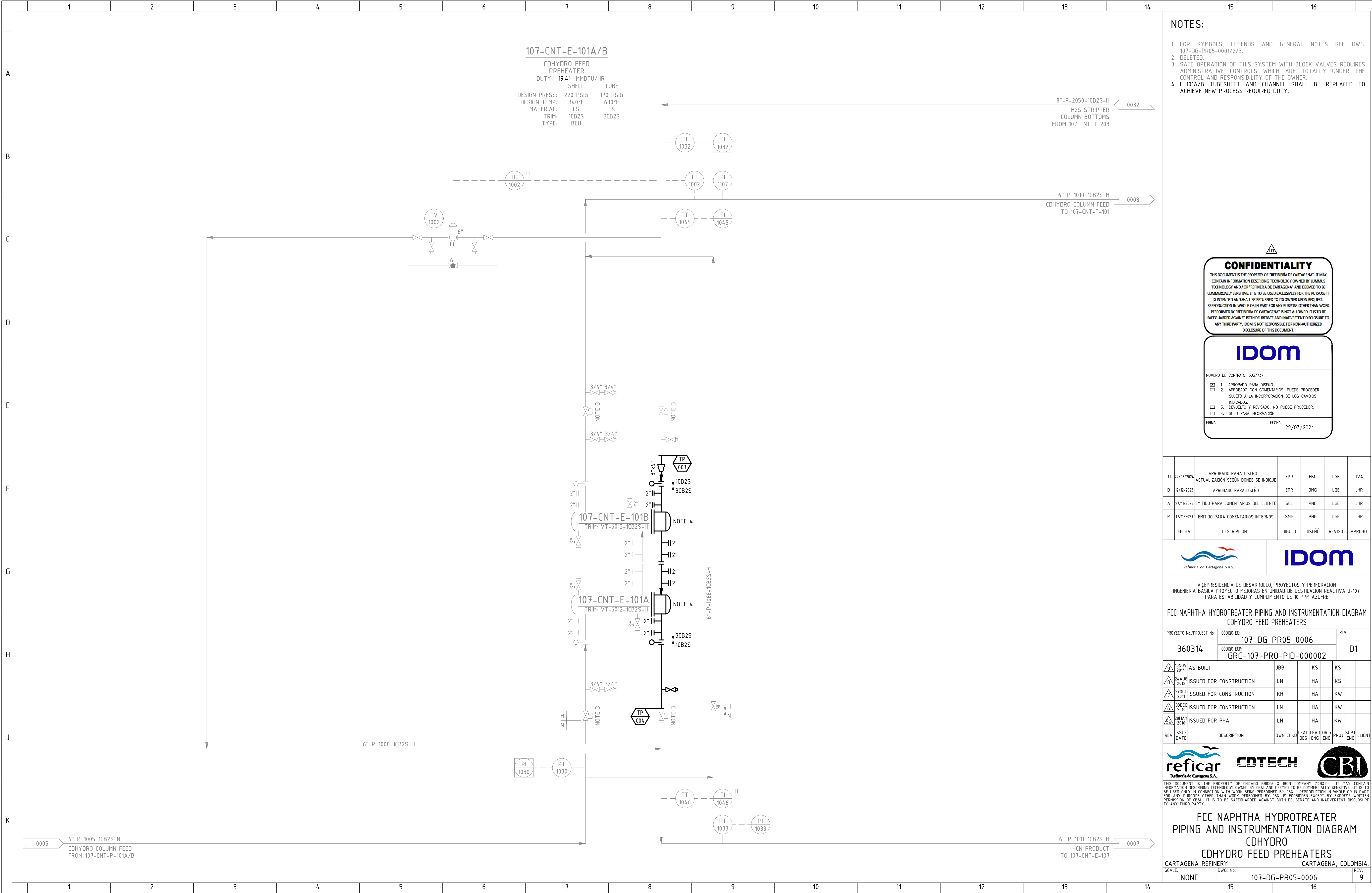




NOTES:

1. FOR SYMBOLS, LEGENDS AND GENERAL NOTES SEE DWG. 107-DG-PR05-0001/2/3.

2. DELETED.

3. SAFE OPERATION OF THIS SYSTEM WITH BLOCK VALVES REQUIRES ADMINISTRATIVE CONTROLS WHICH ARE TOTALLY UNDER THE CONTROL AND RESPONSIBILITY OF THE OWNER.

4. E-101A/B TUBESHEET AND CHANNEL SHALL BE REPLACED TO ACHIEVE NEW PROCESS REQUIRED DUTY.

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IDOM

NUMERO DE CONTRATO: 3037737

1. APROBADO PARA DISEÑO.

2. APROBADO CON COMENTARIOS, PUEDE PROCEDER SUJETO A LA INCORPORACIÓN DE LOS CAMBIOS INDICADOS.

3. DERIVADO Y REVISADO, NO PUEDE PROCEDER.

4. SOLO PARA INFORMACIÓN.

FIRMA:

FECHA: 22/03/2024

D1	22/03/2024	APROBADO PARA DISEÑO - ACTUALIZACIÓN SEGÚN DONDE SE INDIQUE	EPR	FBC	LGE	JVA
D	12/12/2023	APROBADO PARA DISEÑO	EPR	DMG	LGE	JHR
A	27/11/2023	EMITIDO PARA COMENTARIOS DEL CLIENTE	SCL	PNG	LGE	JHR
P	17/11/2023	EMITIDO PARA COMENTARIOS INTERNOS	SMG	PNG	LGE	JHR
FECHA	DESCRIPCIÓN	DIBUJÓ	DISEÑO	REVISÓ	APROBÓ	

Refinería de Cartagena S.A.S.

IDOM

VICEPRESIDENCIA DE DESARROLLO, PROYECTOS Y PERFORACIÓN
INGENIERÍA BÁSICA PROYECTO MEJORAS EN UNIDAD DE DESTILACIÓN REACTIVA U-107
PARA ESTABILIDAD Y CUMPLIMIENTO DE 10 PPM AZUFRE

FCC NAPHTHA HYDROTREATER PIPING AND INSTRUMENTATION DIAGRAM
CDHYDRO FEED PREHEATERS

PROYECTO No./PROJECT No:

CÓDIGO EC:

CÓDIGO ECP:

REV:

360314

107-DG-PR05-0006

GRC-107-PRO-PID-000002

D1

9	10NOV 2014	AS BUILT	JBB		KS	KS		
8	24AUG 2012	ISSUED FOR CONSTRUCTION	LN		HA	KS		
7	27OCT 2011	ISSUED FOR CONSTRUCTION	KH		HA	KW		
6	23DEC 2010	ISSUED FOR CONSTRUCTION	LN		HA	KW		
5	28MAY 2010	ISSUED FOR PHA	LN		HA	KW		
REV	ISSUE DATE	DESCRIPTION	DWN	CHND	LEAD DES	LEAD ENG	ORIG PRO	SUPT ENG CLIENT

reficar

Refinería de Cartagena S.A.

CDTECH

CBI

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FCC NAPHTHA HYDROTREATER
PIPING AND INSTRUMENTATION DIAGRAM
CDHYDRO
CDHYDRO FEED PREHEATERS

CARTAGENA REFINERY
SCALE: NONE

CARTAGENA, COLOMBIA.
DWG No: 107-DG-PR05-0006

REV: 9