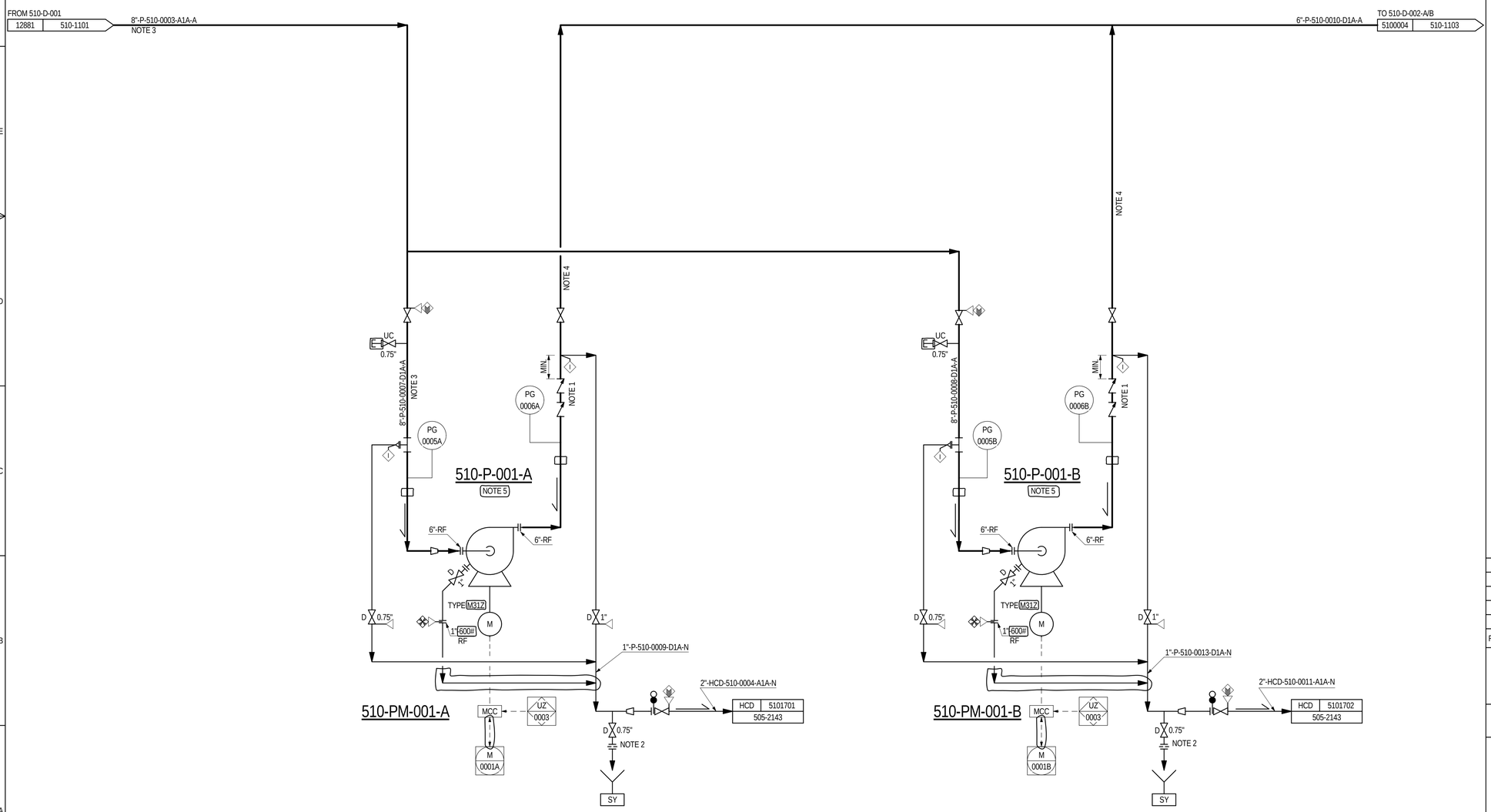
EQUIPMENT	510-P-001-A/B
SERVICE	ISOMERIZATION FEED PUMPS



GENERAL NOTES

A. FOR GENERAL NOTES, SYMBOLS AND TYPICALS, REFER TO LEGEND SHEET DRAWINGS 9952T-000-PID-0090-1101 TO 1128.

B. ALL INSTRUMENT TAG NUMBERS SHOWN ON THIS PID ARE PRECEDED BY THE UNIT NUMBER OF THIS PID UNLESS OTHERWISE NOTED.

NOTES

1. TWO CHECK VALVES TO BE OF DIFFERENT TYPES.
2. DISMOUNTABLE PIPING FOR POSSIBLE CLEAN-OUT BY STEAM INJECTION.
3. ACOUSTIC INSULATION FOR THE LINE FROM 510-D-001 OUTLET NOZZLE TO PUMP 510-P-001-A/B SUCTION NOZZLE.
4. 36 M MINIMUM ACOUSTIC INSULATION FROM 510-P-001-A/B DISCHARGE NOZZLE INCLUDING ALL RAMIFICATIONS OR UPTO DOWNSTREAM EQUIPMENT NOZZLE. ALL RAMIFICATIONS SHALL BE INSULATED ABOVE OR EQUAL TO 4" DIAMETER.
5. FOR DETAILS AND RELEVANT INFORMATIONS REFER TO PID NO: 9952T-510-PID-0041-7151.

THIS PID IS DEVELOPED FROM AXENS DRAWING N° 08-3174-510-5PD-1/21-REV 0

REV	DATE	STATUS DESCRIPTION	DRWN	CHKD	APPD	APPD BY OWNER
1	08/AUG/13	IFC 2 - ISSUE FOR CONSTRUCTION	TVB	PSP	NRA	
0	04/MAY/12	IFC - ISSUE FOR CONSTRUCTION	PV / PSP	CH	NRA	
C	25/NOV/11	IFD - ISSUE FOR DESIGN	PV / PSP	CH	NRA	
B	22/JUL/11	IFH - ISSUE FOR HAZOP	PV / PSP	CH	NRA	
A	15/MAR/11	IFR - ISSUE FOR REVIEW	PV	CH	NRA	

Technip

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ACTIVITE AVAL
DIVISION RAFFINAGE

REHABILITATION & ADAPTATION PROJECT
ALGIERS REFINERY, ALGERIA

PIPING & INSTRUMENTATION DIAGRAM
U510 - LIGHT NAPHTHA ISOMERIZATION
ISOMERIZATION DRYERS
ISOMERIZATION FEED PUMPS

DOC. CLASS : 1 | SCALE : | SHEET : 1 / 1

FORMAT: A1

TECHNIP DRAWING NUMBER: 9952T - 510 - PID - 0021 - 1102
(Project No - Unit No - Doc. Type - Mat. Code - Serial No)

REVISION: 1

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File name: \AS05\SU\9952T-510-PID-0021-1102.pid

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