

P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM

SHEET	DESCRIPTION	REVISION			REVISION			REVISION			REVISION		
		22-07-05			22-08-17			22-11-16			23-05-25		
		PROJECT	ACCIONA	EAI	PROJECT	ACCIONA	EAI	PROJECT	ACCIONA	EAI	PROJECT	ACCIONA	EAI
00	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. INDEX	IFR.P01	IFR.P01	01	IFR.P02	IFR.P02	02	IFD.P03	IFD.P03	03	IFD.P04	IFD.P04	04
01	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. MAIN STEAM	IFR.P01	IFR.P01	01	IFR.P02	IFR.P02	02	IFD.P03	IFD.P03	03	IFD.P04	IFD.P04	04
02	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. MAIN STEAM & EXTRACTIONS	IFR.P01	IFR.P01	01	IFR.P02	IFR.P02	02	IFD.P03	IFD.P03	03	IFD.P04	IFD.P04	04
03	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. MP STEAM / AUXILIARY STEAM DISTRIBUTION	IFR.P01	IFR.P01	01	IFR.P02	IFR.P02	02	IFD.P03	IFD.P03	03	IFD.P04	IFD.P04	04
04	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. MP STEAM / AUXILIARY STEAM CONSUMERS	-	-	-	-	-	-	-	-	-	IFD.P04	IFD.P04	04
05	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. BOILERS PRIMARY AIR HEAT EXCHANGERS	-	-	-	-	-	-	IFD.P03	IFD.P03	03	IFD.P04	IFD.P04	04
06	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. BOILERS SECONDARY AIR HEAT EXCHANGERS	-	-	-	-	-	-	IFD.P03	IFD.P03	03	IFD.P04	IFD.P04	04
07	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. FGT UNITS SEALING AIR HEAT EXCHANGERS	-	-	-	-	-	-	IFD.P03	IFD.P03	03	IFD.P04	IFD.P04	04
08	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. BOILER 1 BYPASS	IFR.P01	IFR.P01	01	IFR.P02	IFR.P02	02	IFD.P03	IFD.P03	03	IFD.P04	IFD.P04	04
09	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. BOILER 2 BYPASS	IFR.P01	IFR.P01	01	IFR.P02	IFR.P02	02	IFD.P03	IFD.P03	03	IFD.P04	IFD.P04	04
10	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. EJECTORS STEAM CONDITIONING	IFR.P01	IFR.P01	01	IFR.P02	IFR.P02	02	IFD.P03	IFD.P03	03	IFD.P04	IFD.P04	04
11	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. FGT UNITS STEAM / FLUE GAS HEAT EXCHANGERS	IFR.P01	IFR.P01	01	IFR.P02	IFR.P02	02	IFD.P03	IFD.P03	03	IFD.P04	IFD.P04	04
12	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM. BOILERS STEAM DRAIN HEADERS	-	-	-	-	-	-	-	-	-	IFD.P04	IFD.P04	04

BRANCH	DESIGN	
	P barg	T °C
a	57	446
b	24	350
c	7	215
d	3/-1	210
e	0.5/-1	200
f	3.5/-1	215
g	6/-1	396
h	17/-1	404
i	42	150
j	66	283
k	41.5	283
l	27.6	446
m	17.25	350
n	3.5	404

REFERENCE DRAWINGS

- 0.- P&ID SYMBOLOLOGY
- 1.- P&ID CONDENSATE SYSTEM
- 2.- P&ID BOILER BLOWDOWN SYSTEM
- 3.- P&ID FEEDWATER SYSTEM
- 4.- P&ID STEAM TURBINE DRAINS SYSTEM
- 5.- P&ID BLEEDS
- 6.- P&ID DISTRICT HEATING
- 7.- P&ID SAMPLING SYSTEM
- 8.- P&ID BOILER WATER SIDE SUPERHEATER
- 9.- P&ID PRIMARY AIR PREHEATER
- 10.- P&ID SECONDARY AIR PREHEATER
- 11.- P&ID FLUE GAS PATH SCR
- 12.- P&ID VACUUM SYSTEM
- 13.- P&ID BOILER WATER SIDE DRUM AND ECONOMISER
- 14.- P&ID PRIMARY AIR SYSTEM FEED
- 15.- P&ID SECONDARY AIR SYSTEM
- 16.- P&ID GLAND STEAM SYSTEM
- 17.- P&ID BOILER BLOWDOWN
- 18.- P&ID BOILER DRAIN SYSTEM
- 19.- P&ID STEAM TURBINE SYSTEM

CODE

- LC
- LCC
- QU
- MAJ
- NPE7-EAI-41XX-XXX-PD-XA-000001
- NPE7-EAI-41XX-XXX-PD-XA-000008
- NPE7-EAI-41AC-XXX-PD-XA-000005
- NPE7-EAI-41XX-XXX-PD-XA-000010
- NPE7-EAI-41XX-XXX-PD-XA-000015
- NPE7-SKO-41AG-GFO-PD-XA-000009
- NPE7-EAI-41XX-XXX-PD-XA-000009
- NPE7-EAI-41XX-XXX-PD-XA-000014
- NPE7-HZI-41AC2-ZZZ-PD-XA-000005
- NPE7-HZI-41AC4-ZZZ-PD-XA-000002
- NPE7-HZI-41AC4-ZZZ-PD-XA-000006
- NPE7-HZI-41AE-ZZZ-PD-XA-000001
- NPE7-SPI-41BX-GFO-PD-XA-000001
- NPE7-HZI-41AC2-ZZZ-PD-XA-000003
- NPE7-HZI-41AC4-ZZZ-PD-XA-000001
- NPE7-HZI-41AC4-ZZZ-PD-XA-000005
- NPE7-SKO-41AG-GFO-PD-XA-000003
- NPE7-HZI-41AC2-ZZZ-PD-XA-000007
- NPE7-HZI-41AC2-ZZZ-PD-XA-000006
- NPE7-SKO-41AG-GFO-PD-XA-000002





DRAWING N°

NOTES :

- 0.- THIS DRAWING IS PRELIMINARY AND IS SUBJECTED TO REVISION DEPENDING ON THE FINAL EQUIPMENT SUPPLIERS. CONNECTIONS WITH MAIN EQUIPMENT TO BE CHECKED DURING FURTHER REVISIONS TAKING INTO ACCOUNT FINAL EQUIPMENT DOCUMENTATION.
- 1.- CONNECTION FOR DISTRICT HEATING FUTURE EXPANSION
- 2.- STRAIGHT RUN LENGTH WITHOUT INSTRUMENTATION TO BE DEFINED BY BYPASS/ATTEMPERATION VALVE MANUFACTURER
- 3.- ADEQUATE STRAIGHTS DIAMETERS SHALL BE CONSIDERED FOR FLOWMETER TIPOLOGY
- 4.- DRAIN POT VALVES SHALL BE PLACED NEAR THE CORRESPONDING DRAIN TANK
- 5.- FLOW METERS WILL BE INSTALLED ON A STRAIGHT RUN OF PIPE. FREE DISTANCE TO BE CONFIRMED BY SUPPLIERS.
- 6.- THE THERMOCOUPLE + THERMOWELL SHOULD HAVE A FAST RESPONSE AND MUST BE LOCATED IN THE MAIN SUPPLY STEAM LINE AS CLOSE AS POSSIBLE TO THE BOILERS THUS AS FAR AWAY AS POSSIBLE TO THE TURBINE
- 7.- STEAM TRAP ARRANGEMENT SHALL BE IN HORIZONTAL CONFIGURATION.
- 8.- SPARE CONNECTION.
- 9.- VALVES OF DN200 SIZE OR HIGHER SHALL INCLUDE LOCALLY ACTUATED ELECTRICAL PINION
- 10.- FIRST ELBOW DOWNSTREAM THE ATTEMPERATION VALVE WILL BE SUBSTITUTED BY A TEE WITH A BLIND FLANGE
- 11.- FOR SATURATED STEAM, MINIMUM PIPE SLOPE IN FLOW DIRECTION SHALL BE AT LEAST 1% IN COLD POSITION AND 0.5% IN HOT POSITION. THE RECOMMENDED SLOPE IS 1.5%
- 12.- FOR SUPERHEATER STEAM, MINIMUM PIPING SLOPE IN FLOW DIRECTION SHALL BE AT LEAST 0.5% IN COLD POSITION AND 0.25% IN HOT POSITION. THE RECOMMENDED SLOPE IS 1.5%
- 13.- THE DESIGN CONCEPT OF THE STEAM SUPPLY SUBSYSTEM TO BOILER SHALL TO BE REVIEWED, CONFIRMED AND APPROVED BY BOILER MANUFACTURER (HZI)
- 14.- STEAM TRAP ARRANGEMENT SHALL BE IN HORIZONTAL CONFIGURATION.
- 15.- LOCATE AS CLOSE AS POSSIBLE TO THE DISCHARGE.
- 16.- INTERNAL BYPASS VALVE SHALL BE ALSO PROVIDED WITH AN INDEPENDENT MOTORIZED ACTUATOR. THE KKS EQUIPMENT CODE TO THIS BYPASS VALVE WILL BE THE IMMEDIATE FOLLOWING NUMBER CODE TO THE MAIN VALVE.

GENERAL REVISION

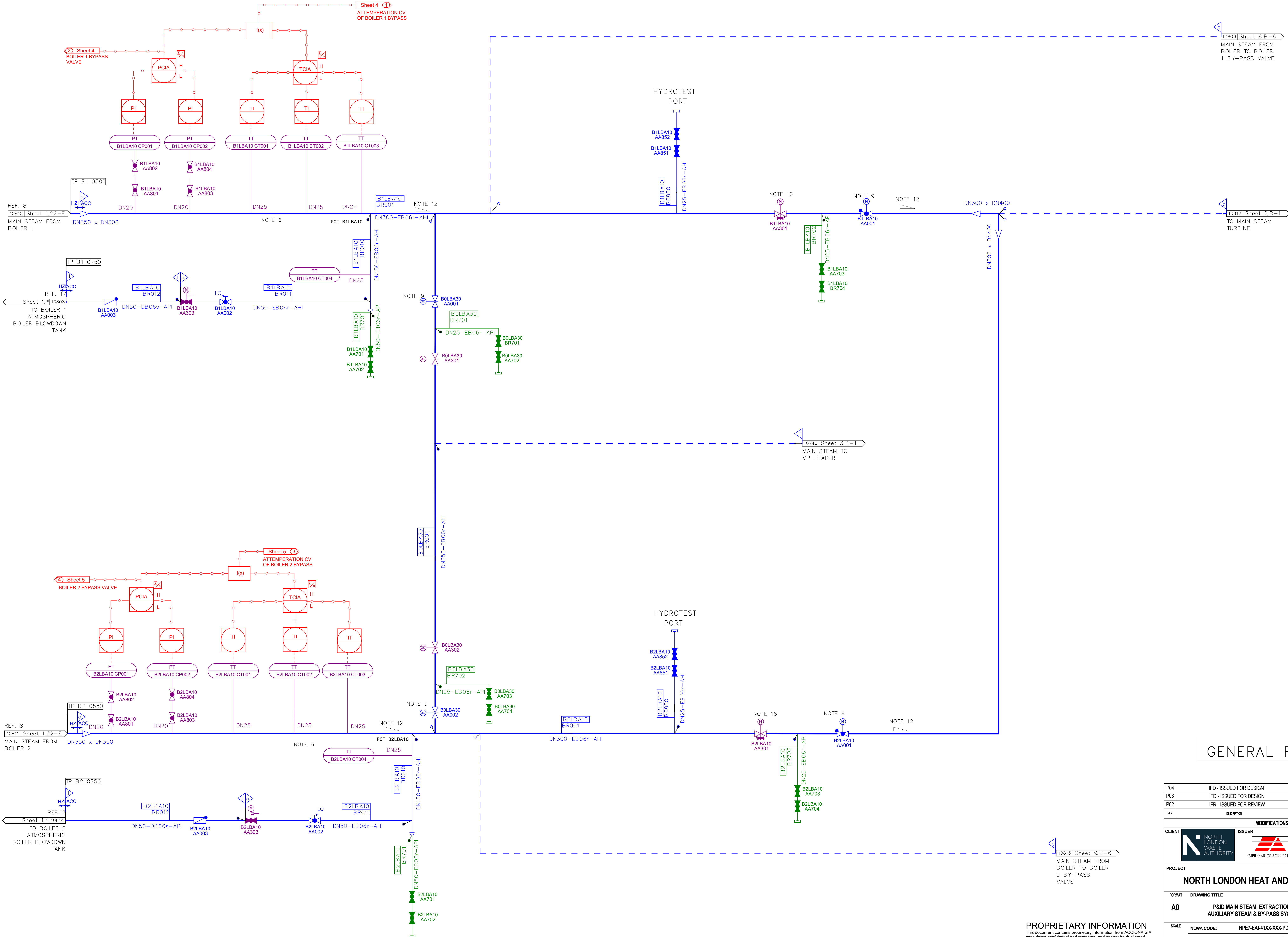
P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPJ	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FPC	FHS	PFX
REV	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

CLIENT		ISSUER		CONTRACTOR	
					
PROJECT					
NORTH LONDON HEAT AND POWER PROJECT					
FORMAT	DRAWING TITLE				[QR]
A0	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM				
SCALE	NLWA CODE:	NPE7-EAI-41XX-XXX-PD-XA-000002			
	CONTRACTOR CODE:	NLHP-41XX-PE-II-EAI-0002			
INTERNAL CODE:		225-001-DT-M-10200			SHEET 00 OF 12
					REV. P04





PROPRIETARY INFORMATION

This document contains proprietary information from ACCIONA S.A. considered confidential and restricted, and cannot be duplicated, modified, exploited, reproduced or disclosed to third parties for any user other than this Project and the purpose for which it is intended for, without the written consent of ACCIONA S.A..

MAIN STEAM

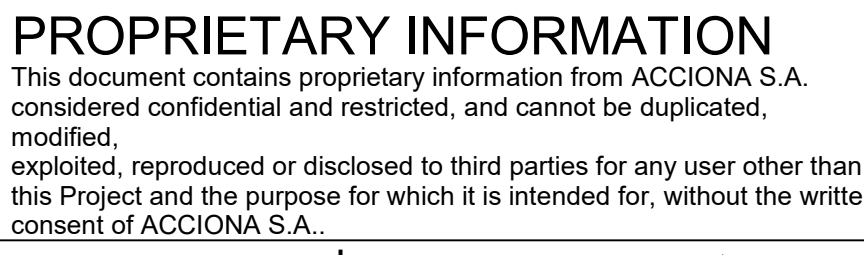






GENERAL REVISION

P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPJ	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FPC	FHS	PFX
REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
MODIFICATIONS					
CLIENT			ISSUER		
			CONTRACTOR		
PROJECT					
NORTH LONDON HEAT AND POWER PROJECT					
FORMAT	DRAWING TITLE				[QR]
A0	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM				
SCALE	NLWA CODE: NPE7-EAI-41XX-XXX-PD-XA-000002				
	CONTRACTOR CODE: NLHP-41XX-PE-II-EAI-0002				
	INTERNAL CODE: 225-001-DT-M-10200				
			SHEET 01 OF 12		REV. P04

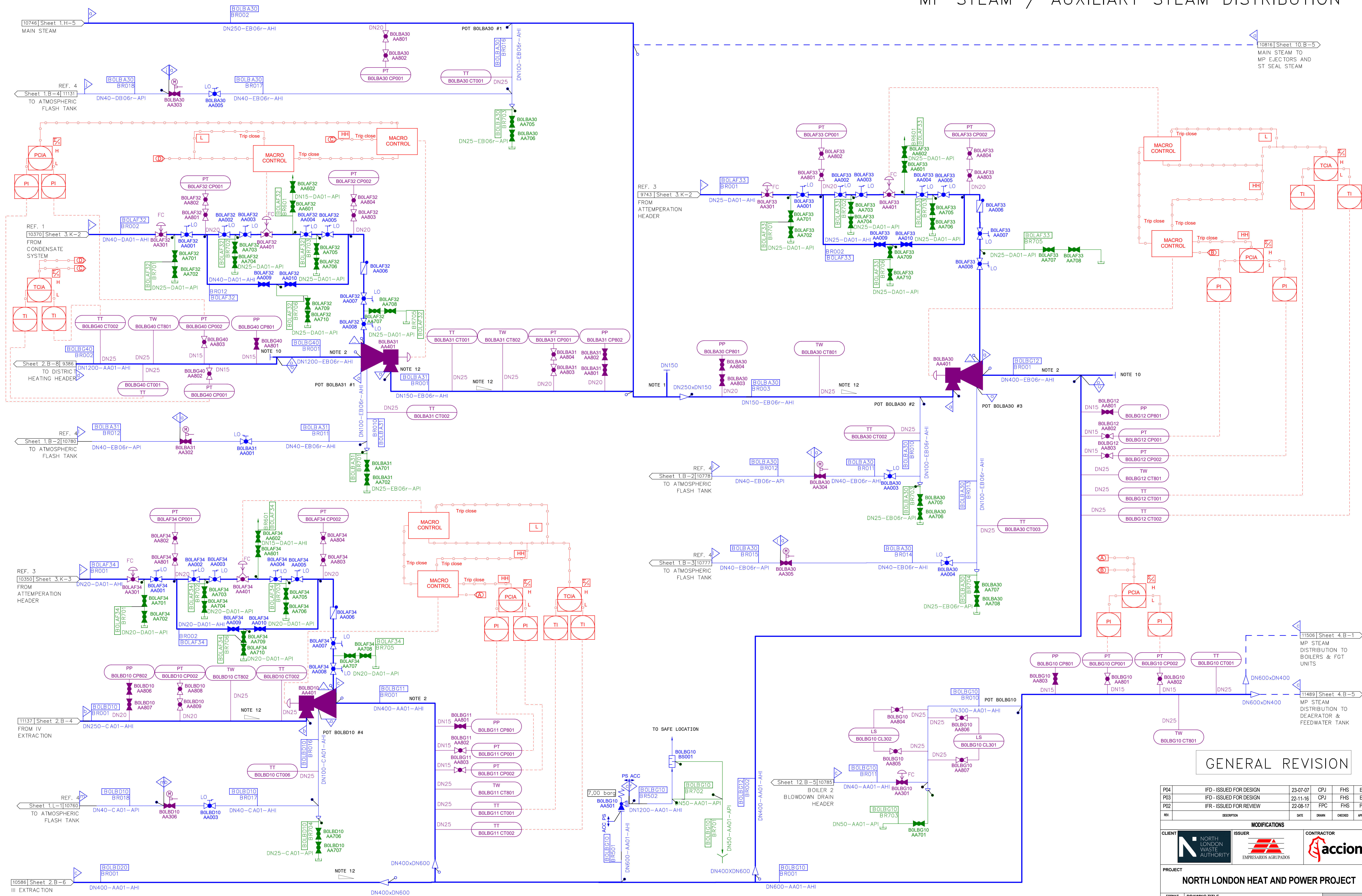
PROPRIETARY INFORMATION
This document contains proprietary information from ACCIONA S.A. considered confidential and restricted, and cannot be duplicated, modified, exploited, reproduced or disclosed to third parties for any user other than this Project and the purpose for which it is intended for, without the written consent of ACCIONA S.A.

GENERAL REVISION



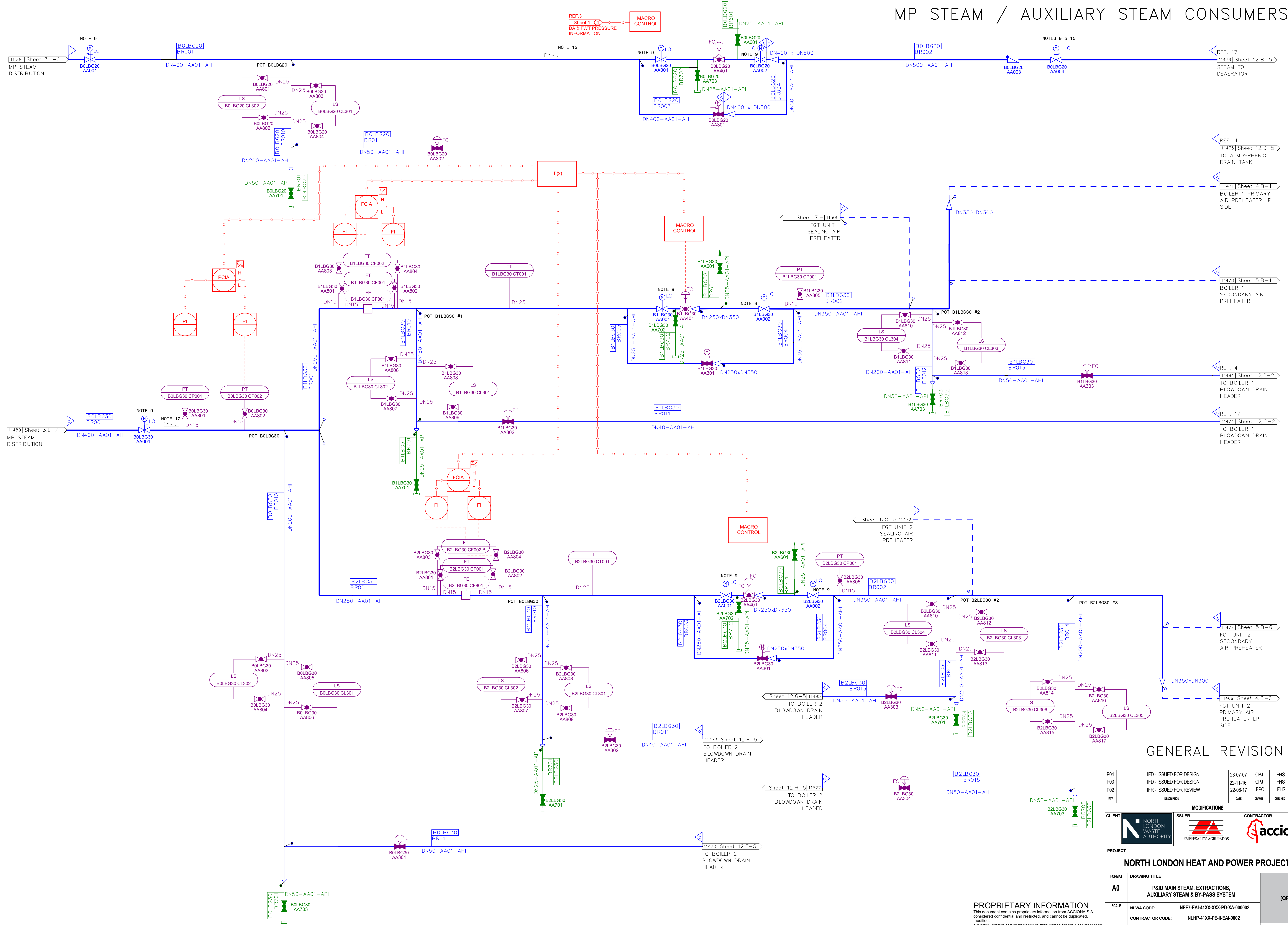
P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPJ	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FPC	FHS	PFH
REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
MODIFICATIONS					
CLIENT		ISSUER	CONTRACTOR		
		 EMPRESAS AGRUPADAS			
PROJECT					
NORTH LONDON HEAT AND POWER PROJECT					
FORMAT	DRAWING TITLE				[QR]
A0	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM				
SCALE	NLWA CODE: NPE7-EAI-41XX-XXX-PP-XA-000002 CONTRACTOR CODE: NLHP-41XX-PE-II-EAI-0002				
	INTERNAL CODE: 225-001-DT-M-10200				
				SHEET 02	REV P04

MP STEAM / AUXILIARY STEAM DISTRIBUTION






PROPRIETARY INFORMATION
 This document contains proprietary information from ACCIONA S.A. considered confidential and restricted, and cannot be duplicated, exploited, reproduced or disclosed to third parties for any user other than this Project and the purpose for which it is intended for, without the written consent of ACCIONA S.A.


MP STEAM / AUXILIARY STEAM CONSUMERS



P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPJ	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FPC	FHS	PFX

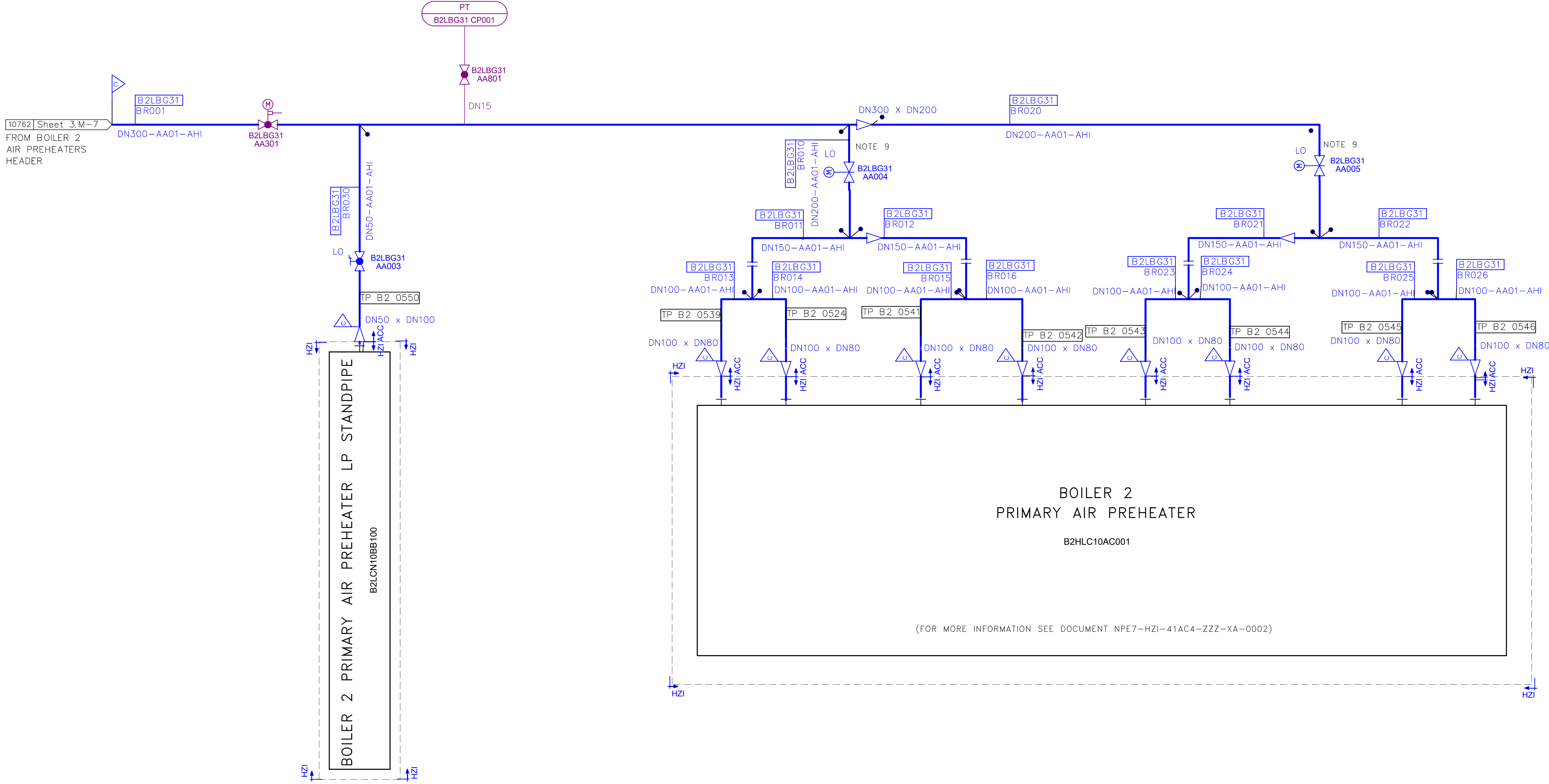
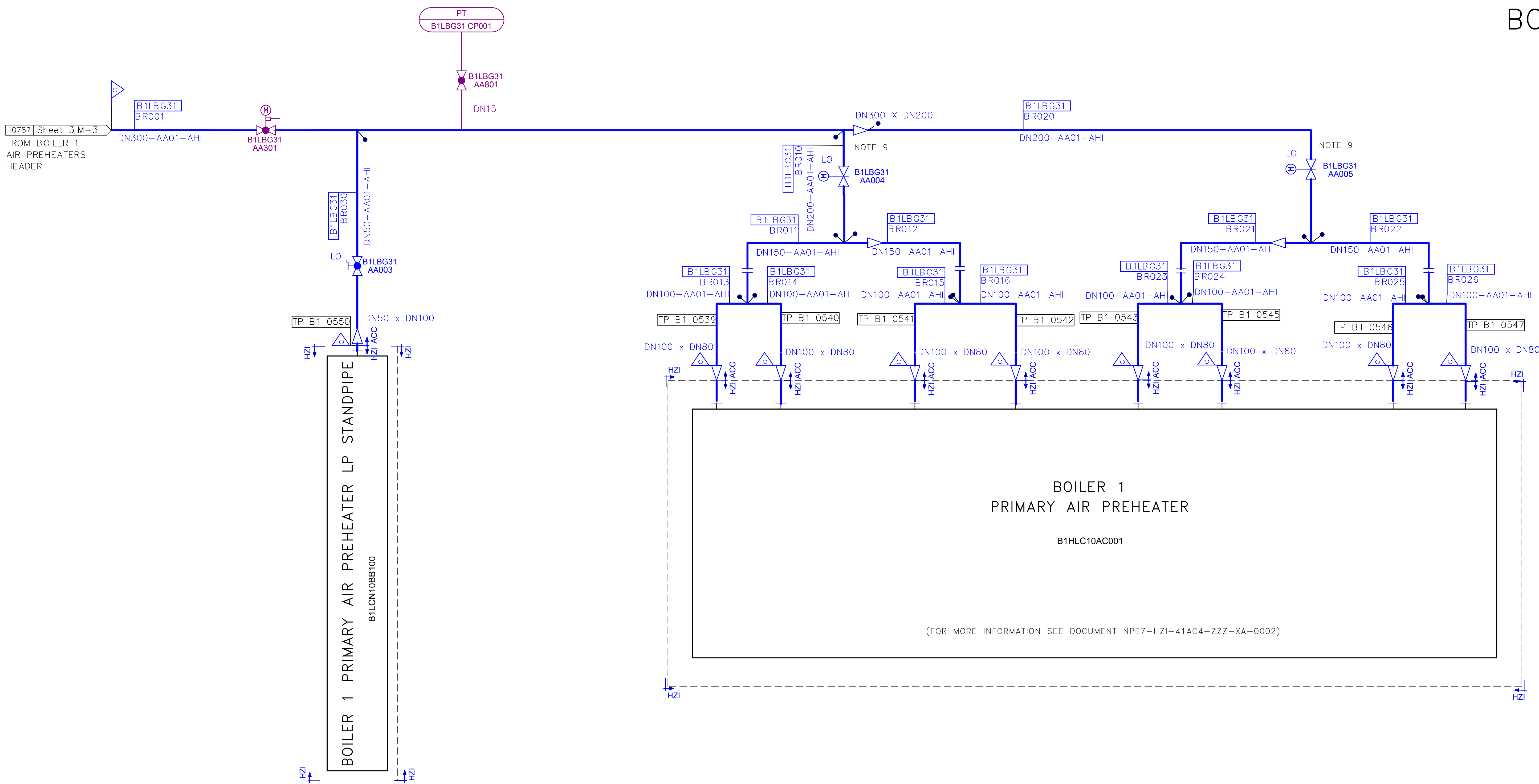
<div> <div>CLIENT</div> <div>  <div> <div>NORTH LONDON WASTE AUTHORITY</div> </div> </div> </div>		<div> <div>MODIFICATIONS</div> </div>	<div> <div>ISSUER</div> <div>  <div> <div>EMPRESARIOS AGRUPADOS</div> </div> </div> </div>	<div> <div>CONTRACTOR</div> <div>  <div> <div>acciona</div> </div> </div> </div>
--	--	---------------------------------------	---	---

NORTH LONDON HEAT AND POWER PROJECT

FORMAT A0		DRAWING TITLE P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM		[QR]
SCALE		NLWA CODE: NPE7-EAI-41XX-XXX-PD-XA-000002		
		CONTRACTOR CODE: NLHP-41XX-PE-II-EAI-0002		
1/1 (1)		INTERNAL CODE: 225-001-DT-M-10200		SHEET 04 OF 12 RE P0

PROPRIETARY INFORMATION
This document contains proprietary information from ACCIONA. It is to be considered confidential and restricted, and cannot be duplicated, modified, exploited, reproduced or disclosed to third parties for any use other than this Project and the purpose for which it is intended for, without the consent of ACCIONA S.A..

BOILERS PRIMARY AIR HEAT EXCHANGERS



GENERAL REVISION

P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPJ	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FPC	FHS	PFX
REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

MODIFICATIONS		
CLIENT	ISSUER	CONTRACTOR
		

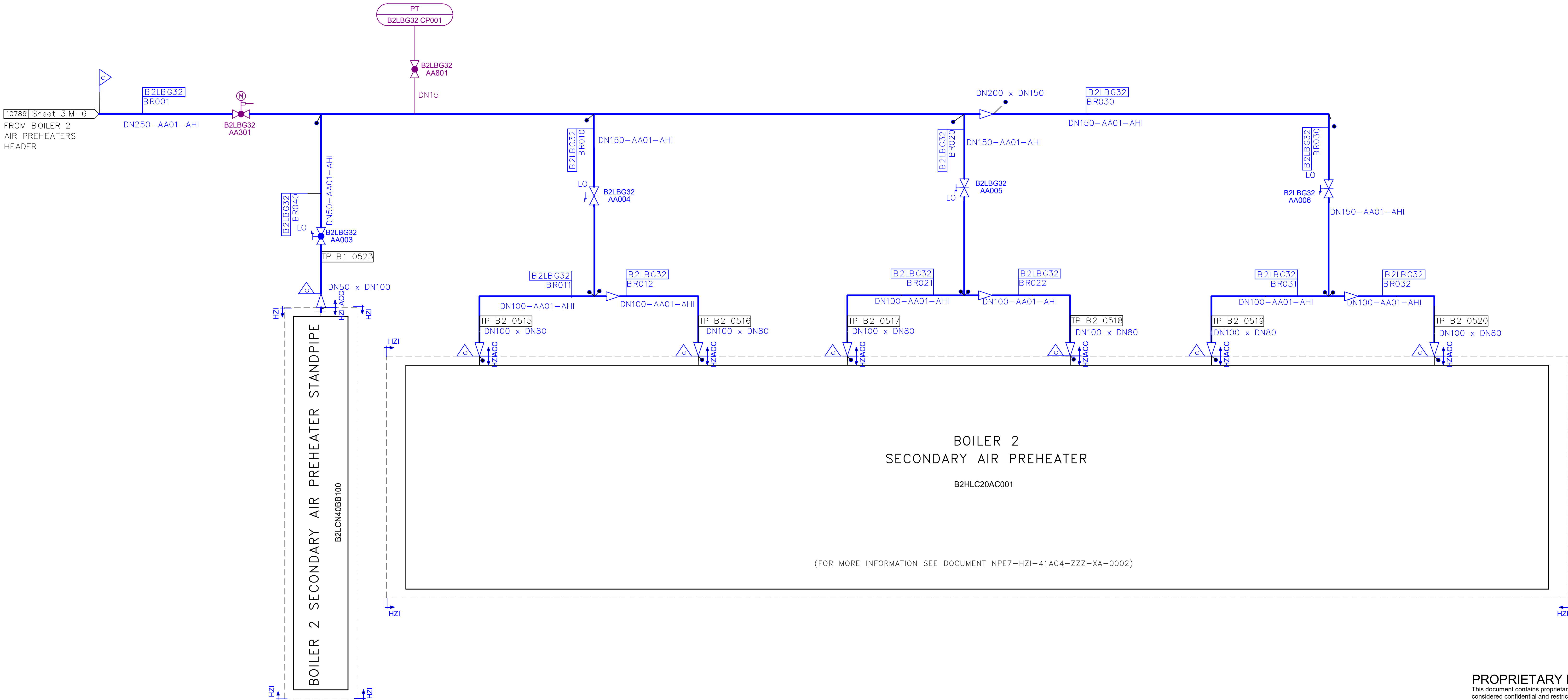
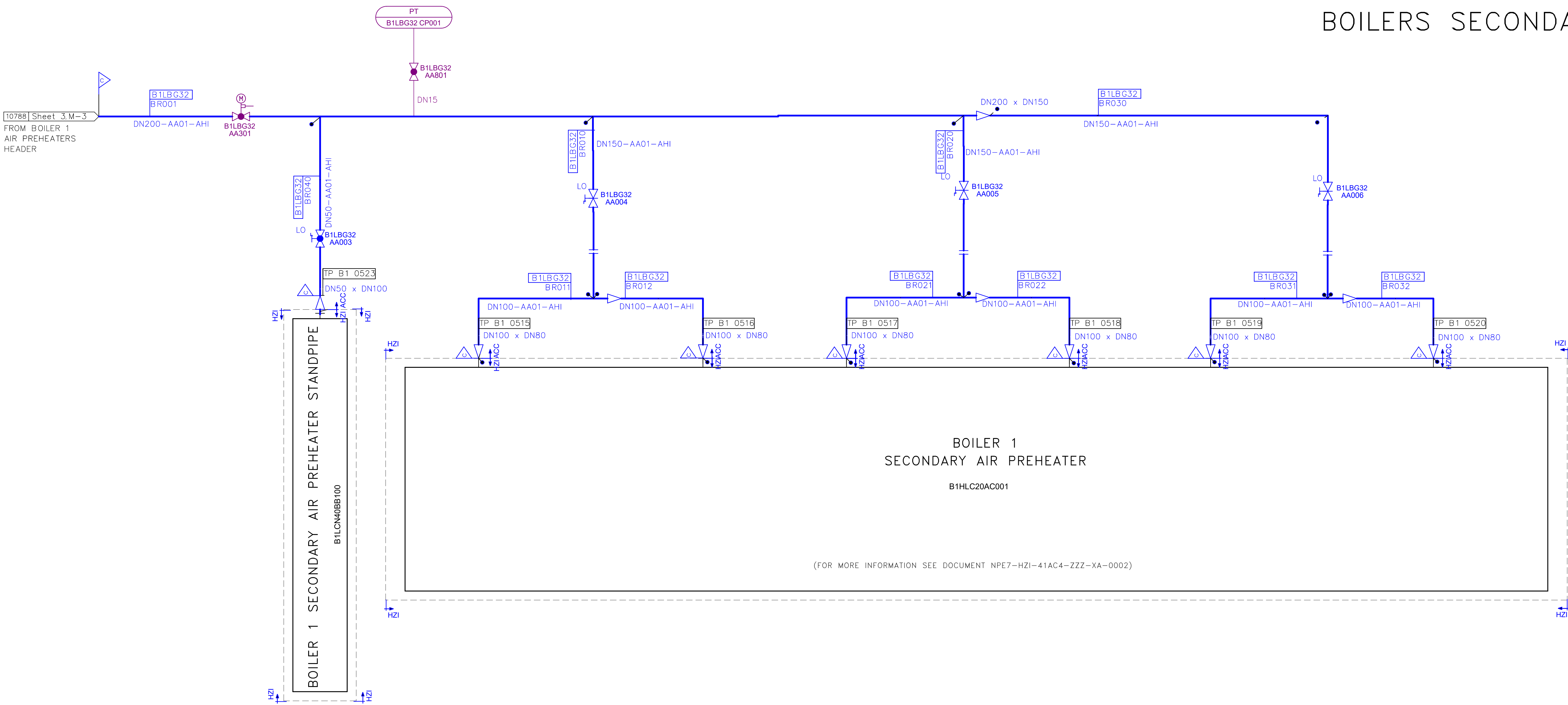
NORTH LONDON HEAT AND POWER PROJECT

FORMAT	DRAWING TITLE	[QR]
A0	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM	
SCALE	NLWA CODE: NPE7-EAI-41XX-XXX-PD-XA-000002	
INTERNAL CODE:	NLHP-41XX-PE-II-EAI-0002	
CONTRACTOR CODE:	225-001-DT-M-10200	
SHEET 05 OF 12	REV. P04	

PROPRIETARY INFORMATION




This document contains proprietary information from ACCIONA S.A., considered confidential and restricted, and cannot be duplicated, exploited, reproduced or disclosed to third parties for any user other than this Project and the purpose for which it is intended for, without the written consent of ACCIONA S.A.

BOILERS SECONDARY AIR HEAT EXCHANGERS



GENERAL REVISION

P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPJ	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FPC	FHS	PFX
REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

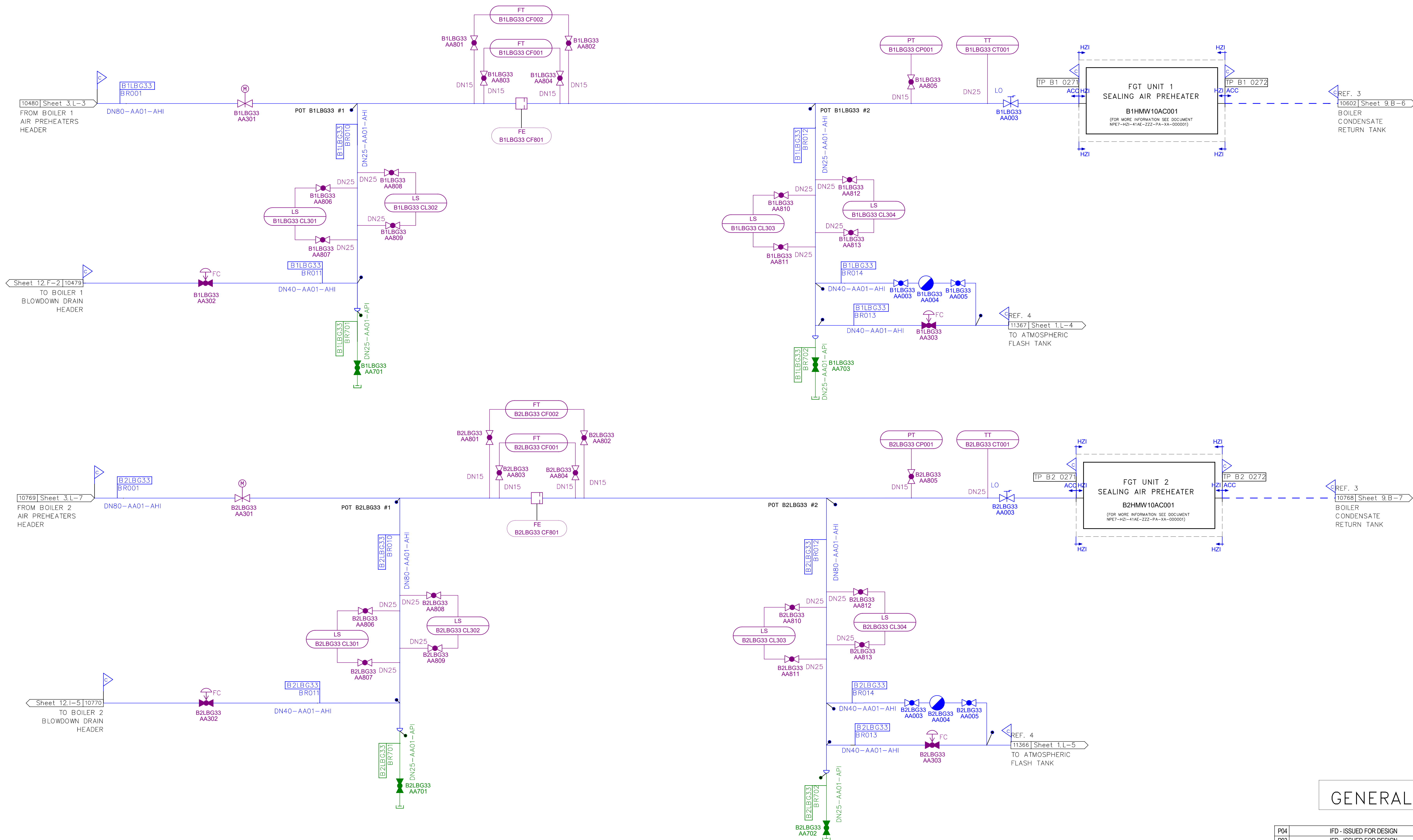
MODIFICATIONS		
CLIENT	ISSUER	CONTRACTOR
		

NORTH LONDON HEAT AND POWER PROJECT		
FORMAT	DRAWING TITLE	[QR]
A0	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM	
SCALE	NLWA CODE: NPET-EAI-41XX-XXX-PD-XA-000002	
	CONTRACTOR CODE: NLHP-41XX-PE-II-EAI-0002	
	INTERNAL CODE: 225-001-DT-M-10200	
	SHEET 06 OF 12	REV. P04




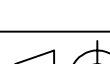
PROPRIETARY INFORMATION

This document contains proprietary information from ACCIONA S.A. considered confidential and restricted, and cannot be duplicated, exploited, reproduced or disclosed to third parties for any user other than this Project and the purpose for which it is intended for, without the written consent of ACCIONA S.A.

FGT UNITS SEALING AIR HEAT EXCHANGERS

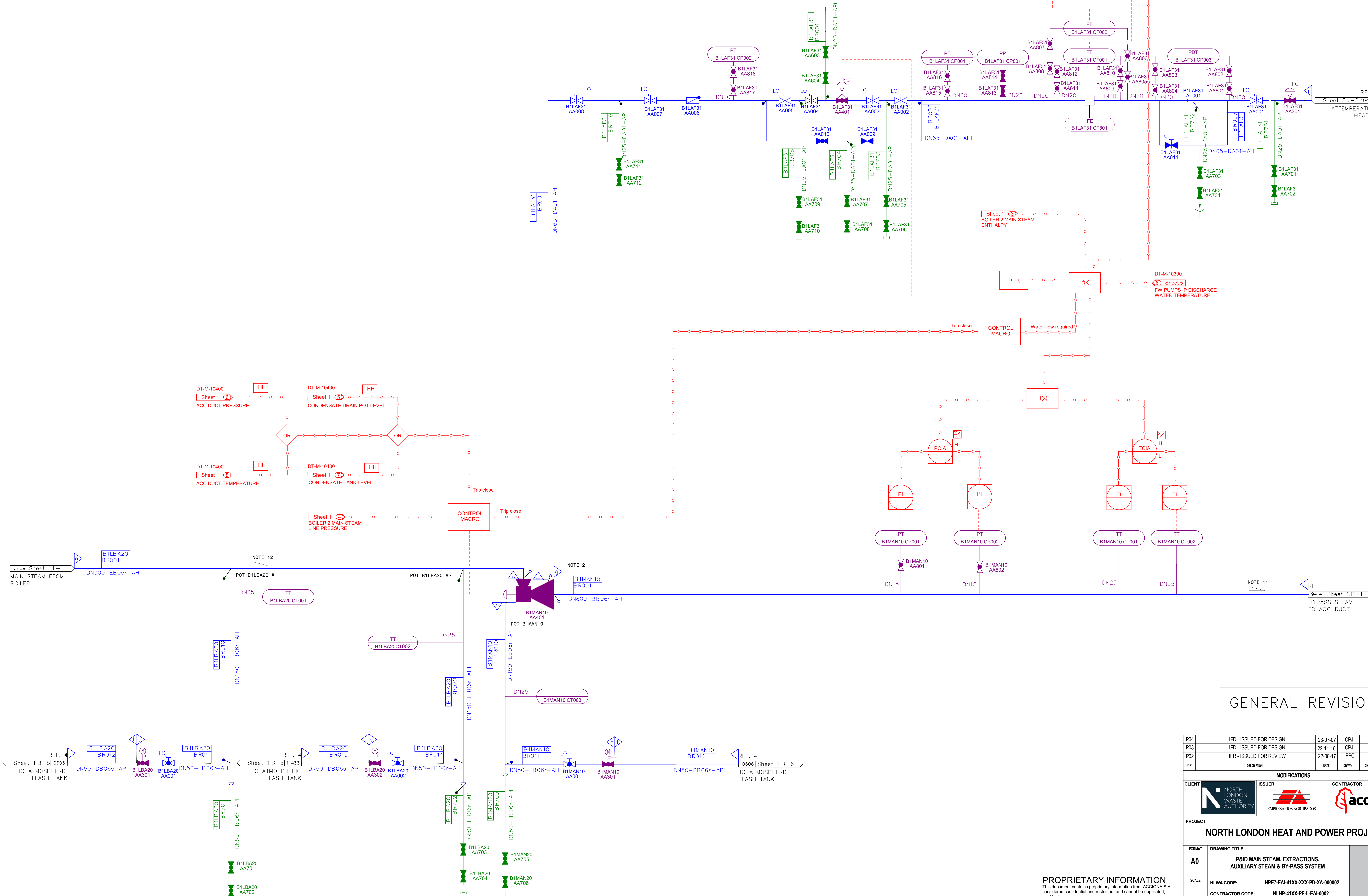


GENERAL REVISION

P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPS	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FPC	FHS	PFX
REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
MODIFICATIONS					
CLIENT		ISSUER			
					
PROJECT					
NORTH LONDON HEAT AND POWER PROJECT					
FORMAT	DRAWING TITLE				[QR]
A0	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM				
SCALE	NLWA CODE: NPE7-EAI-41XX-XXX-PD-XA-000002				
	CONTRACTOR CODE: NLHP-41XX-PE-II-EAI-0002				
	INTERNAL CODE: 225-001-DT-M-10200				
	SHEET 07 of 12				REV. P04

PROPRIETARY INFORMATION
This document contains proprietary information from ACCIONA S.A. considered confidential and restricted, and cannot be duplicated, exploited, reproduced or disclosed to third parties for any user other than this Project and the purpose for which it is intended for, without the written consent of ACCIONA S.A.

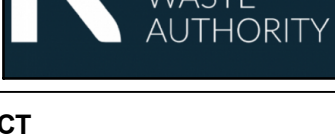
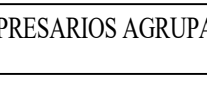

BOILER 1 BYPASS




GENERAL REVISION

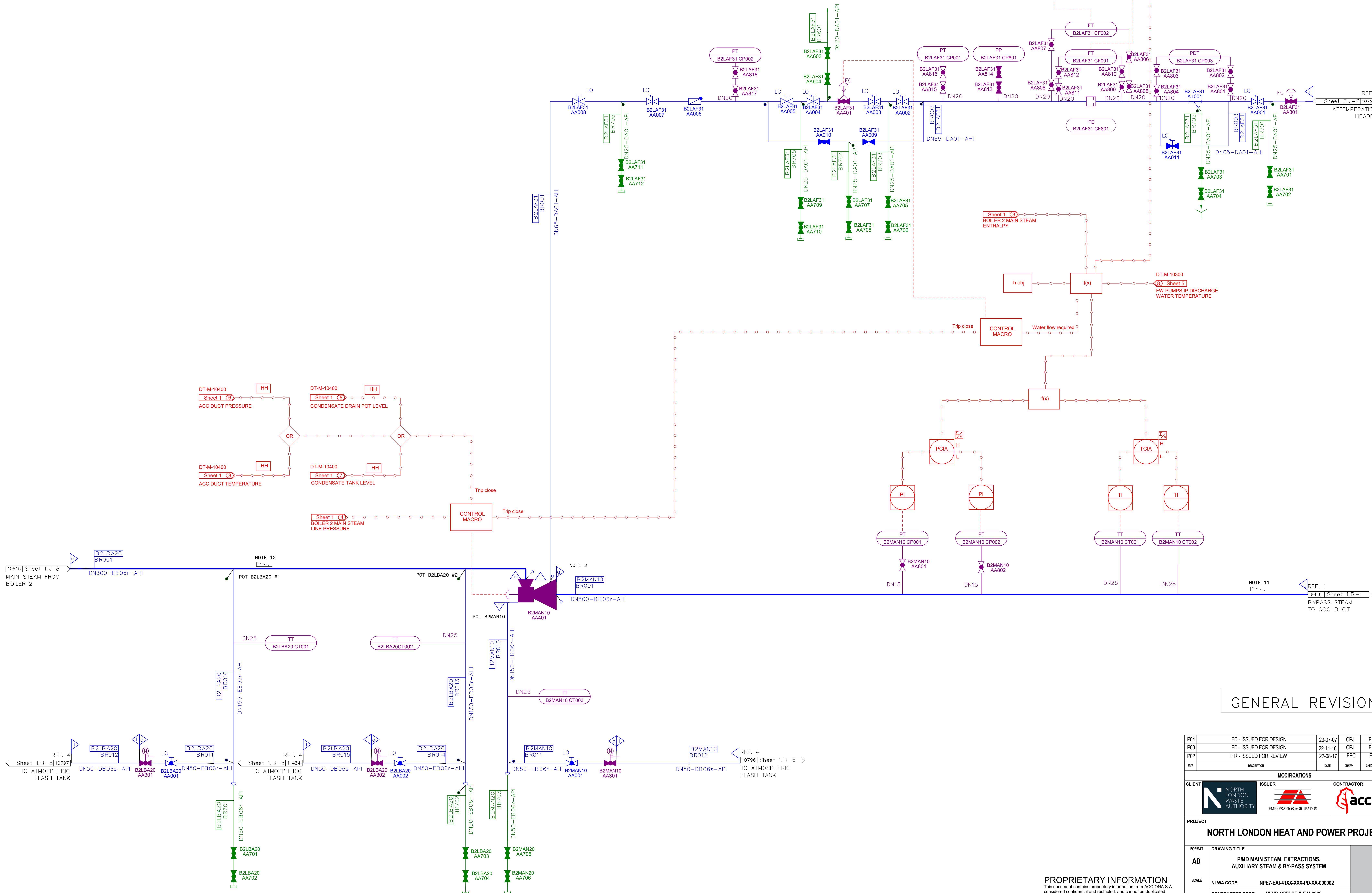
P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPJ	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FPC	FHS	FPX
REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

MODIFICATIONS





CLIENT		ISSUER		CONTRACTOR	
	<h2 style="margin: 0;">NORTH LONDON HEAT AND POWER PROJECT</h2>				

FORMAT	DRAWING TITLE	
A0	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM	[QR]
SCALE	NLWA CODE: NPE7-EAI-41XX-XXX-PD-XA-000002 CONTRACTOR CODE: NLHP-41XX-PE-II-EAI-0002	
	INTERNAL CODE: 225-001-DT-M-10200	
		SHEET 08 of 12 REV P04

BOILER 2 BYPASS

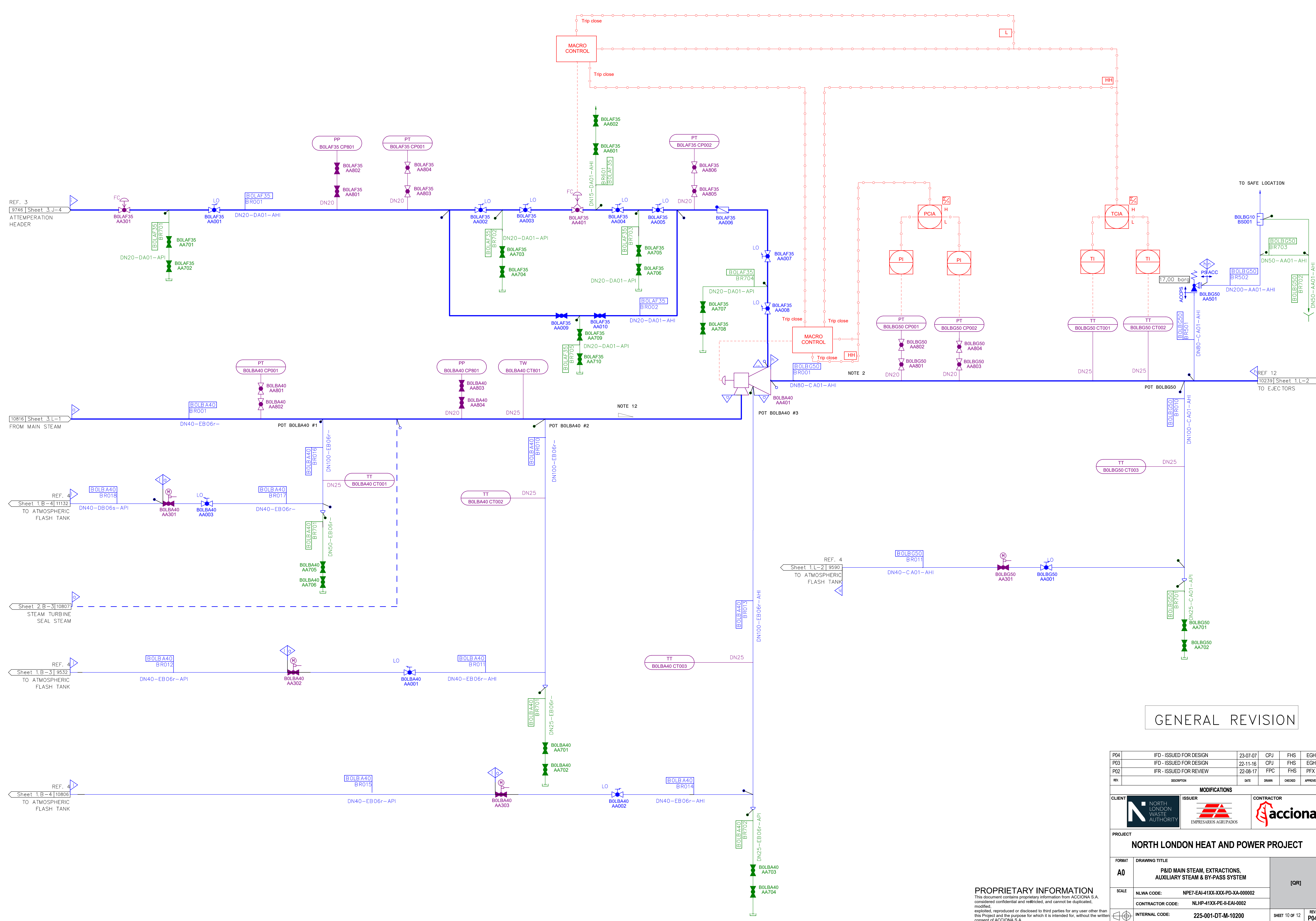


GENERAL REVISION


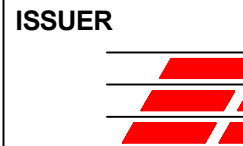

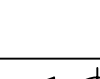
P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPJ	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FPC	FHS	PFX
REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
MODIFICATIONS					
CLIENT		ISSUER	 EMPRESARIOS AGRUPADOS		
					
PROJECT					
NORTH LONDON HEAT AND POWER PROJECT					
FORMAT	DRAWING TITLE				[QR]
A0	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM				
SCALE	NLWA CODE: NPET-EAI-41XX-XXX-PD-XA-000002				
	CONTRACTOR CODE: NLHP-41XX-PE-II-EAI-0002				
	INTERNAL CODE: 225-001-DT-M-10200				
			SHEET 09 OF 12		REV. P04

PROPRIETARY INFORMATION
This document contains proprietary information from ACCIONA S.A.
considered confidential and restricted, and cannot be duplicated,
modified,
exploited, reproduced or disclosed to third parties for any user other than
this Project and the purpose for which it is intended for, without the written
consent of ACCIONA S.A.

EJECTORS STEAM CONDITIONING

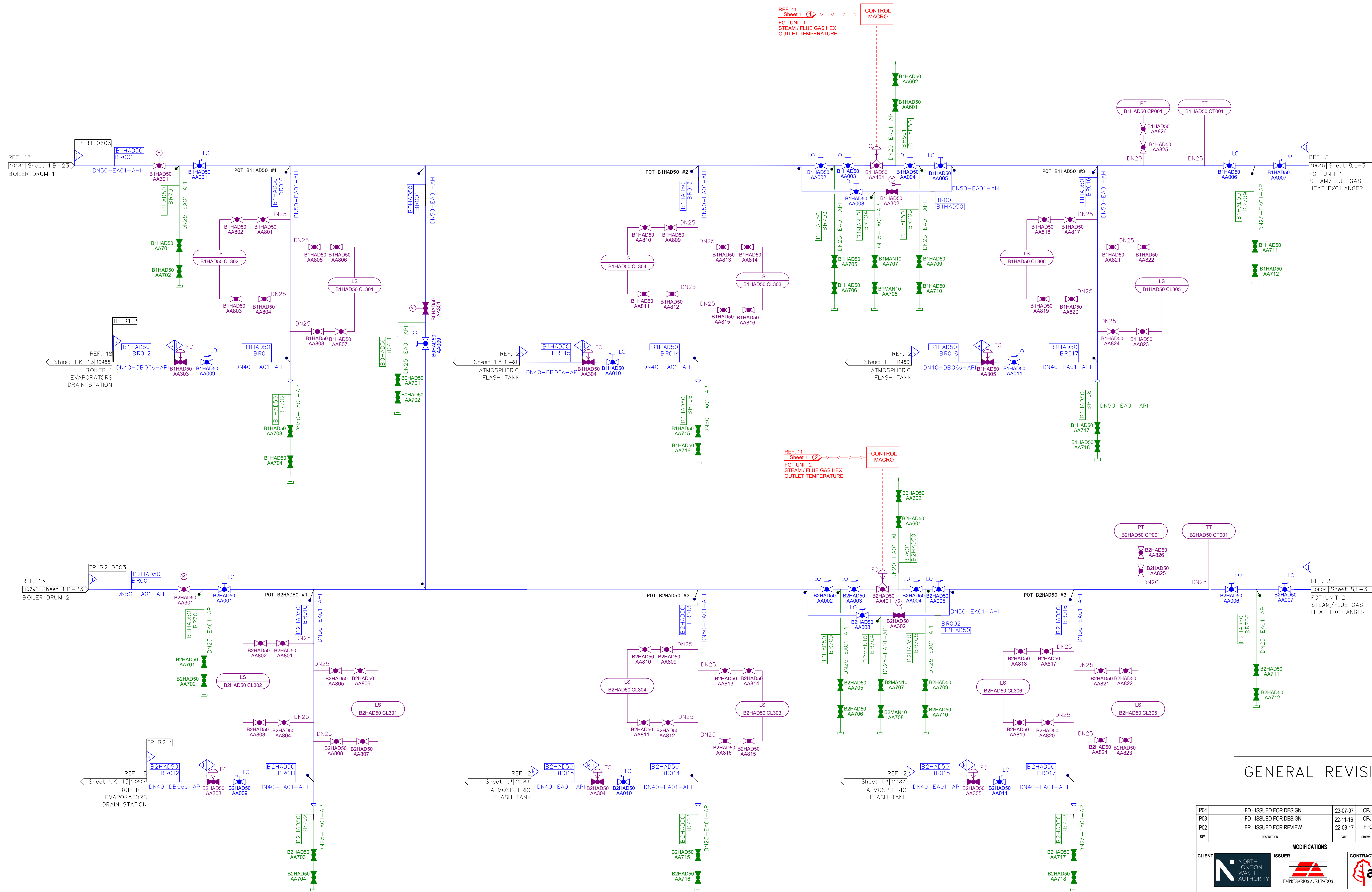


GENERAL REVISION




P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPJ	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FPC	FHS	PFX
REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
MODIFICATIONS					
CLIENT		ISSUER		CONTRACTOR	
					
PROJECT					
NORTH LONDON HEAT AND POWER PROJECT					
FORMAT	DRAWING TITLE				[QR]
A0	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM				
SCALE	NLWA CODE:	NPET-EAI-41XX-XXX-PD-XA-000002			
	CONTRACTOR CODE:	NLHP-41XX-PE-II-EAI-0002			
	INTERNAL CODE:	225-001-DT-M-10200			
SHEET 10 OF 12				REV	P04

PROPRIETARY INFORMATION
This document contains proprietary information from ACCIONA S.A. considered confidential and restricted, and cannot be duplicated, exploited, reproduced or disclosed to third parties for any user other than this Project and the purpose for which it is intended for, without the written consent of ACCIONA S.A.

FGT UNITS STEAM/FLUE GAS HEAT EXCHANGERS

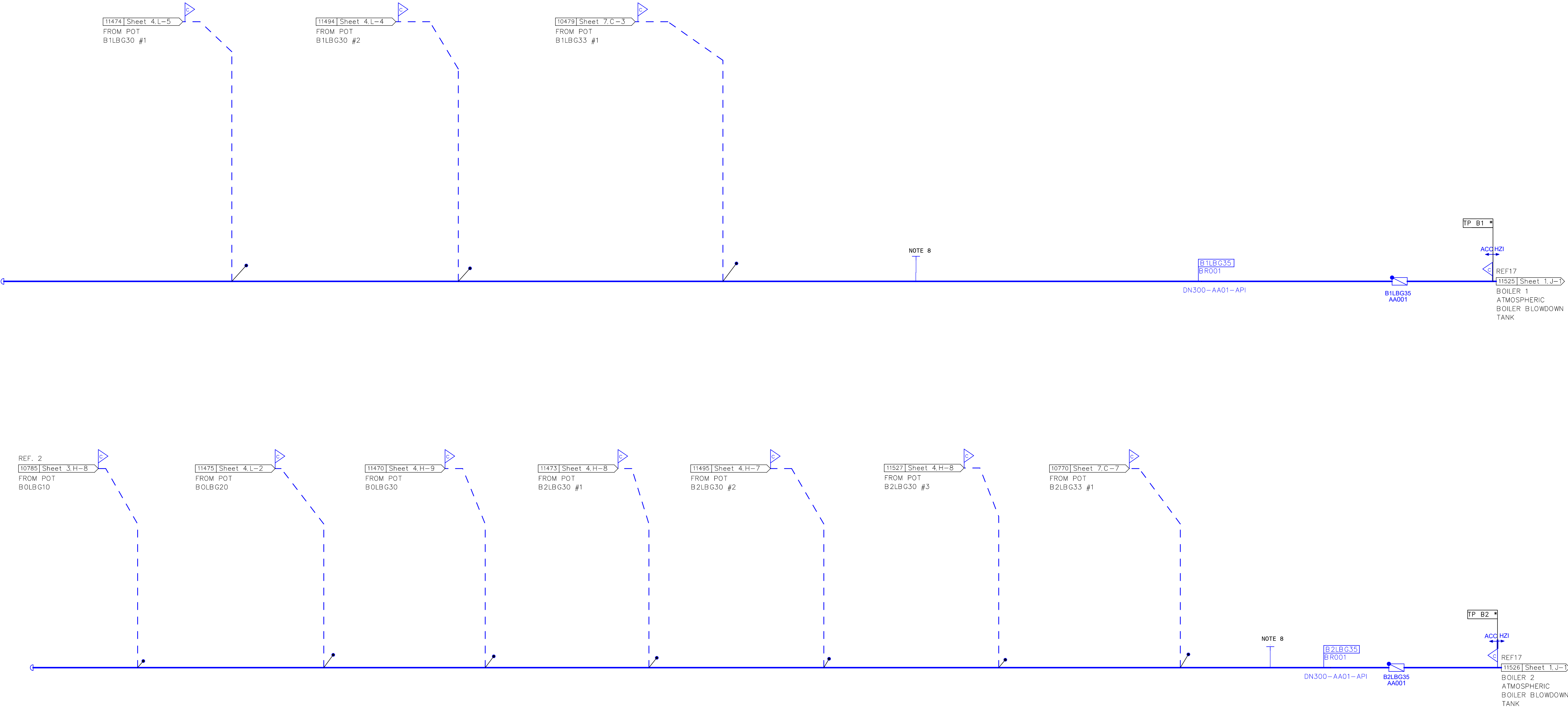


GENERAL REVISION

P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPJ	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FFC	FHS	FFX
REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
MODIFICATIONS					
CLIENT		ISSUER			
					
PROJECT					
NORTH LONDON HEAT AND POWER PROJECT					
FORMAT	DRAWING TITLE		[QR]		
A0	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM				
SCALE	NLWA CODE: NPE7-EH-41X-XXX-PD-XA-000002 CONTRACTOR CODE: LEAI-41X-PE-II-EAII-0002				
	INTERNAL CODE: 225-001-DT-M-10200		SHEET 11 of 12		REV P04

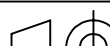
PROPRIETARY INFORMATION
This document contains proprietary information from ACCIONA S.A. considered confidential and restricted, and cannot be duplicated, modified, exploited, reproduced or disclosed to third parties for any user other than the project and the purpose for which it is intended for, without the consent of ACCIONA S.A.

BOILERS STEAM DRAIN HEADERS



P04	IFD - ISSUED FOR DESIGN	23-07-07	CPJ	FHS	EGH
P03	IFD - ISSUED FOR DESIGN	22-11-16	CPJ	FHS	EGH
P02	IFR - ISSUED FOR REVIEW	22-08-17	FPC	FHS	PFX
REV	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

MODIFICATIONS					
CLIENT	ISSUER	CONTRACTOR			

PROJECT					
NORTH LONDON HEAT AND POWER PROJECT					
FORMAT	DRAWING TITLE				[QR]
A0	P&ID MAIN STEAM, EXTRACTIONS, AUXILIARY STEAM & BY-PASS SYSTEM				
SCALE	NLWA CODE: NPE7-EAI-41XX-XXX-PD-XA-000002				
	CONTRACTOR CODE: NLHP-41XX-PE-II-EAI-0002				
	INTERNAL CODE: 225-001-DT-M-10200				
					SHEET 00 OF 12
					REV. P04

PROPRIETARY INFORMATION
This document contains proprietary information from ACCIONA S.A., considered confidential and restricted, and cannot be duplicated, modified, exploited, reproduced or disclosed to third parties for any user other than this Project and the purpose for which it is intended for, without the written consent of ACCIONA S.A.