

ISO A1 594mm x 841mm

1

2

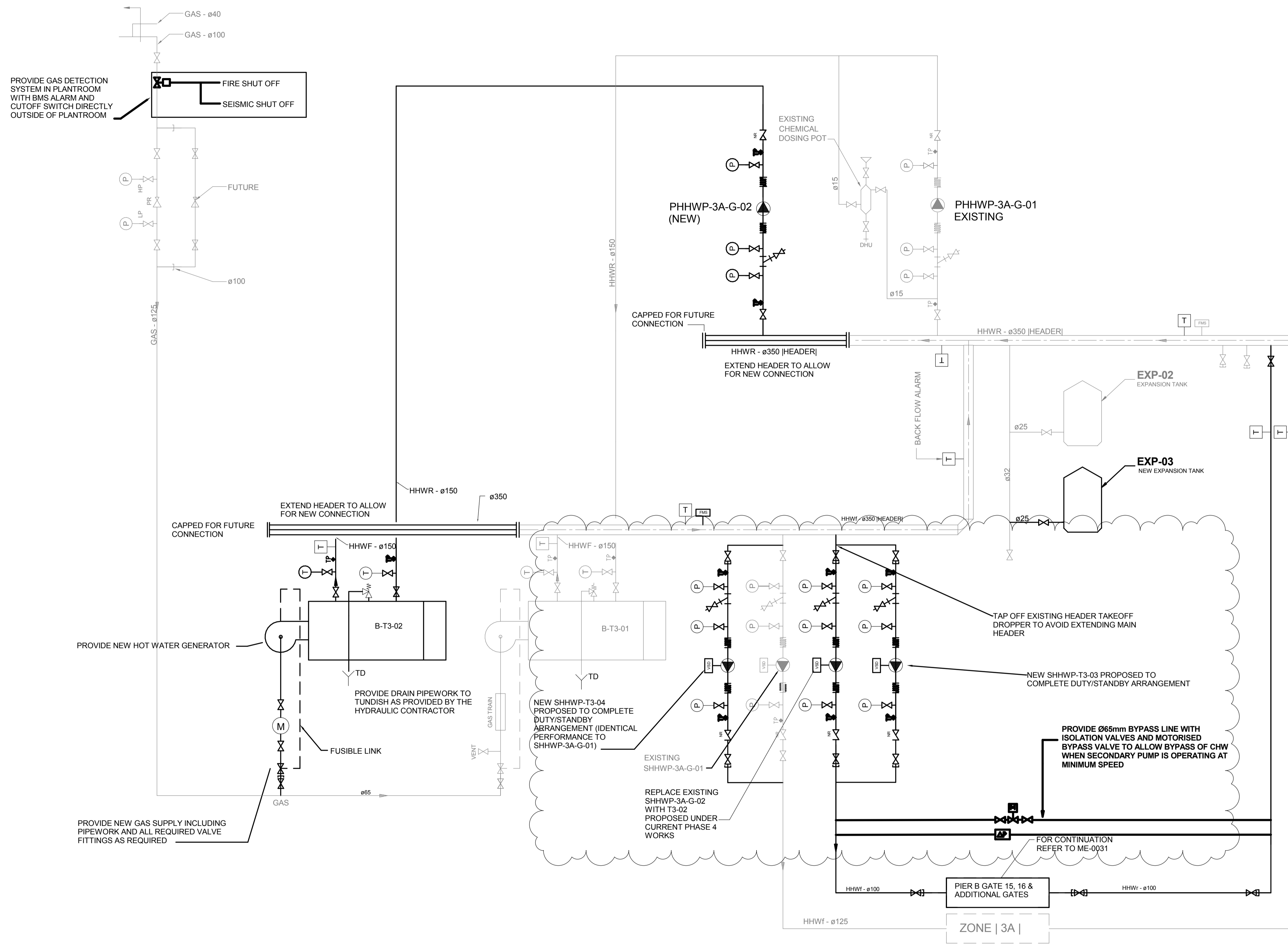
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KEY:
 ——— EXISTING
 ——— NEW



PROVIDE GAS DETECTION SYSTEM IN PLANTROOM WITH BMS ALARM AND CUTOFF SWITCH DIRECTLY OUTSIDE OF PLANTROOM

FUTURE
 HP
 LP
 GAS - ø100
 GAS - ø125

PHHWP-3A-G-02 (NEW)
 PHHWP-3A-G-01 EXISTING

HHWR - ø350 [HEADER]
 EXTEND HEADER TO ALLOW FOR NEW CONNECTION
 CAPPED FOR FUTURE CONNECTION

EXP-02 EXPANSION TANK
 EXP-03 NEW EXPANSION TANK

HHWR - ø150
 ø350
 CAPPED FOR FUTURE CONNECTION
 EXTEND HEADER TO ALLOW FOR NEW CONNECTION

PROVIDE NEW HOT WATER GENERATOR
 B-T3-02
 TD
 PROVIDE DRAIN PIPEWORK TO TUNDISH AS PROVIDED BY THE HYDRAULIC CONTRACTOR

NEW SHHWP-T3-04 PROPOSED TO COMPLETE DUTY/STANDBY ARRANGEMENT (IDENTICAL PERFORMANCE TO SHHWP-3A-G-01)

EXISTING SHHWP-3A-G-01
 REPLACE EXISTING SHHWP-3A-G-02 WITH T3-02 PROPOSED UNDER CURRENT PHASE 4 WORKS

PROVIDE ø65mm BYPASS LINE WITH ISOLATION VALVES AND MOTORISED BYPASS VALVE TO ALLOW BYPASS OF CHW WHEN SECONDARY PUMP IS OPERATING AT MINIMUM SPEED

PROVIDE NEW GAS SUPPLY INCLUDING PIPEWORK AND ALL REQUIRED VALVE FITTINGS AS REQUIRED

FOR CONTINUATION REFER TO ME-0031

PIER B GATE 15, 16 & ADDITIONAL GATES
 ZONE | 3A |

FOR CONSTRUCTION

This drawing is confidential and shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the AECOM quality assurance system to ISO 9001-2000.

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PROJECT
 AUCKLAND AIRPORT - PIER B

CLIENT
 Auckland Airport

SCALE

NOT TO SCALE

PROJECT MANAGEMENT INITIALS

MC	NF	RW
DESIGNER	CHECKED	APPROVED

ISSUE/REVISION

I/R	DATE	DESCRIPTION
02	09/05/2017	SECONDARY PUMPING CHANGES
01	17/02/2017	GATE 19 BC ISSUE
0	23/12/2016	FOR CONSTRUCTION

PROJECT NUMBER
 91345
SHEET TITLE
 MECHANICAL SERVICES HEATING HOT WATER PLANT ROOM
SCHEMATIC SHEET NUMBER
 91345-ACM-DRG-ME-0034

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