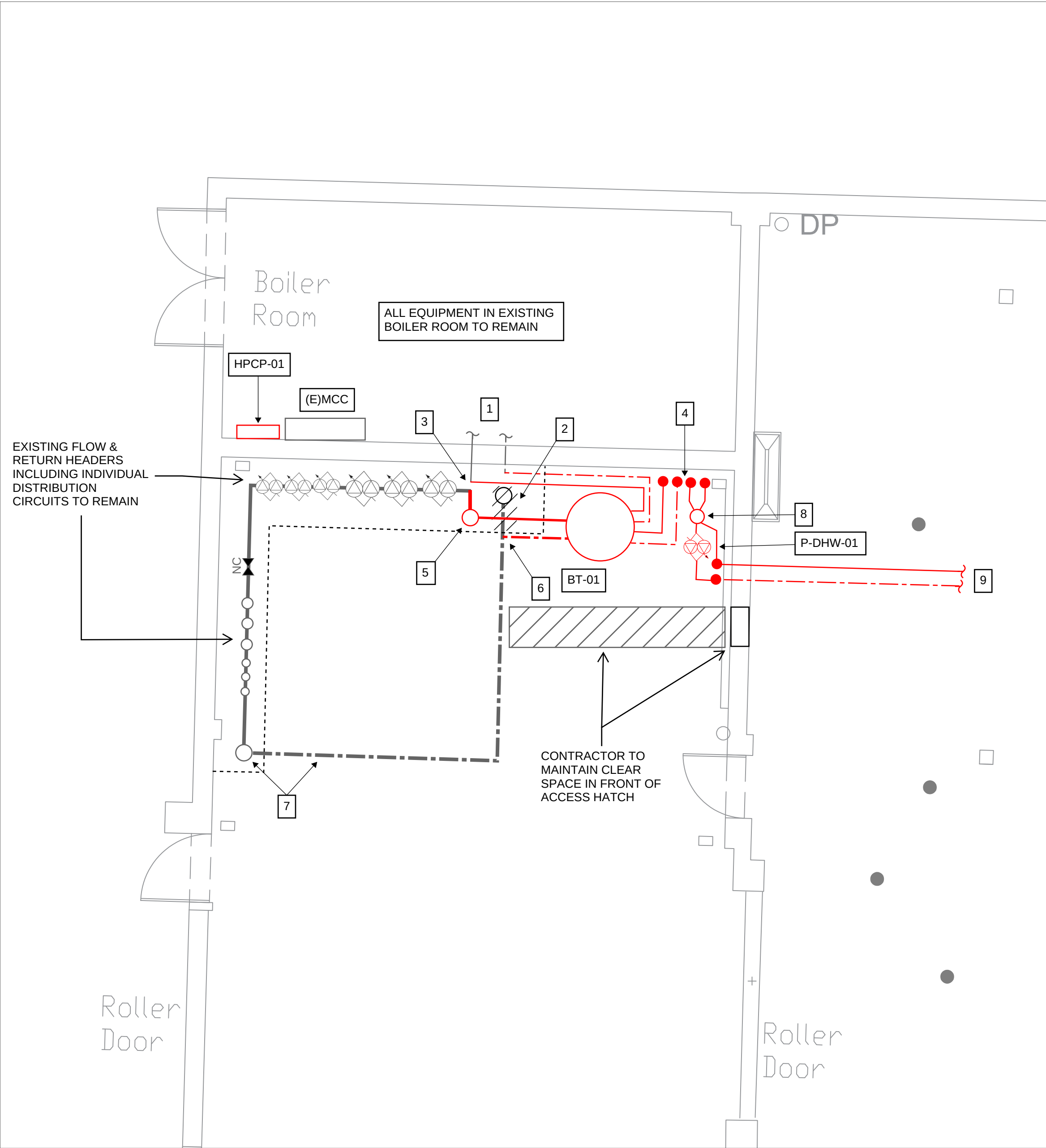
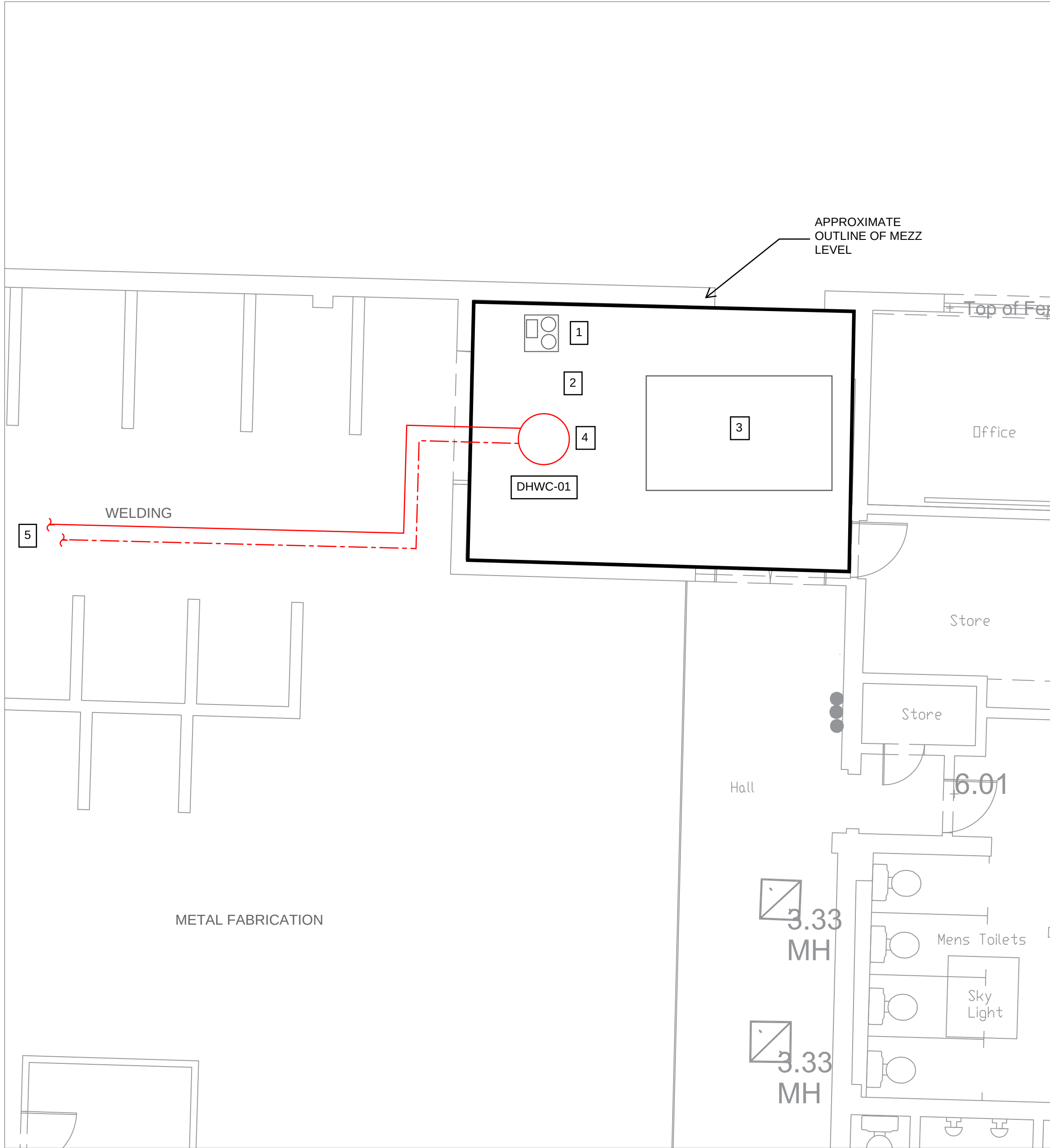




1 BOILER ROOM - MECHANICAL HYDRONIC MODIFICATIONS
1:50

KEYNOTES:

- EXISTING LTHW F&R TO / FROM EXISTING BOILERS.
- EXISTING LTHW RETURN CUT BACK AT HIGH LEVEL, WITH NEW PIPING CONNECTION TO BUFFER TANK. VERTICAL RETURN PIPE DROP TO BE REMOVED.
- EXISTING LTHW FLOW FROM BOILER TO BE DETACHED FROM HEADER, WITH NEW CONNECTION TO BUFFER TANK.
- NEW 100mmDia AND 50mmDia LTHW F&R DROP FROM HIGH LEVEL TO CONNECT TO BUFFER TANK AND LOW LOSS HEADER RESPECTIVELY.
- NEW 150mmDia LTHW FLOW FROM BUFFER TANK DROPS TO LOW LEVEL TO CONNECT TO EXISTING HEADER.
- NEW 150mmDia LTHW RETURN TO BUFFER TANK CONNECTS TO EXISTING HEADER AT HIGH LEVEL.
- EXISTING LTHW RETURN DROPS FROM HIGH LEVEL.
- NEW LOW LOSS HEADER INSTALLED AT LOW LEVEL.
- PIPEWORK DISTRIBUTES AT HIGH LEVEL WITHIN WORKSHOPS TOWARDS MEZZANINE LEVEL. CONTRACTOR TO COORDINATE EXACT ROUTE ON SITE TO AVOID EXISTING STRUCTURE AND SERVICES.



2 PLANT MEZZANINE - DHW MODIFICATIONS
1:50

KEYNOTES:

- EXISTING DCW BOOSTER SET TO REMAIN.
- EXISTING 'HEATMASTER 100 N' DIRECT GAS FIRED WATER HEATER TO BE REMOVED AND DISPOSED OF, COMPLETE WITH ALL ASSOCIATED ANCILLARIES INCLUDING GAS PIPING TO THE UNIT. GAS PIPING TO BE STRIPPED BACK TO SUITABLE LOCATION AND CAPPED. EXISTING DHWS, DHWR AND DCW CONNECTIONS TO BE CAPPED FOR CONNECTION TO NEW CALORIFIER.
- EXISTING COLD WATER STORAGE TANK TO REMAIN.
- NEW HEAT PUMP CALORIFIER INSTALLED IN PLACE OF REMOVED WATER HEATER. CONTRACTOR TO CONNECT EXISTING DHWS, DHWR AND DCW TO NEW CALORIFIER. LTHW F&R FROM HEAT PUMP TO CONNECT TO SINGLE COIL CONNECTIONS ON THE CALORIFIER.
- 50mmDia LTHW PIPEWORK DISTRIBUTES AT HIGH LEVEL FROM PUMP 'P-DHW-01' LOCATED IN SPACE ADJACENT TO BOILER ROOM. CONTRACTOR TO COORDINATE EXACT ROUTING OF PIPEWORK ON SITE TO AVOID EXISTING STRUCTURE AND SERVICES.

GENERAL NOTES

- DO NOT SCALE FROM THIS DRAWING.
- THE CONTRACTOR MUST VERIFY ALL DIMENSIONS TOLERANCES AND REFERENCES BEFORE PROCEEDING WITH WORKS.
- ANY DISCREPANCY FOUND BETWEEN THIS DRAWING AND ANY OTHER DOCUMENTS MUST BE REPORTED IMMEDIATELY TO THE CONTRACT ADMINISTRATOR.
- REMOVE THIS DRAWING FROM CURRENCY WHEN REVISED DRAWING IS ISSUED.
- COPYRIGHT OF DESIGNS SHOWN ON THIS DRAWING REMAINS WITH INTROBA
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER CONTRACT PROJECT DOCUMENTS.

A1 ORIGINAL SIZE DRAWING

03	ISSUED FOR TENDER	AM	28/08/26
02	STAGE 2b FOR FINAL REVIEW	AM	05/08/26
01	STAGE 2b FOR REVIEW	AM	17/07/26
No.	REVISION	CHK	DATE



INTROBA IRELAND LTD
CATHEDRAL COURT
NEW ST SOUTH
THE LIBERTIES
DUBLIN 8
D08 C525

CLIENT

LMETB

PROJECT

RSTC DUNDALK

TITLE

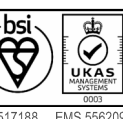
BOILER ROOM & MEZZ LEVEL
MECHANICAL MODIFICATIONS

DATE	15.07.2026	SCALE	AS NOTED
DESIGNED	SPM	CHECKED	AM
		APPROVED	AM

SUITABILITY CODE	SUITABILITY DESCRIPTION
A3	FOR TENDER

DRAWING STATUS

STAGE 2b



DRAWING No.

10005-IRB-XX-GF-D-M-57-03

REVISION

T01