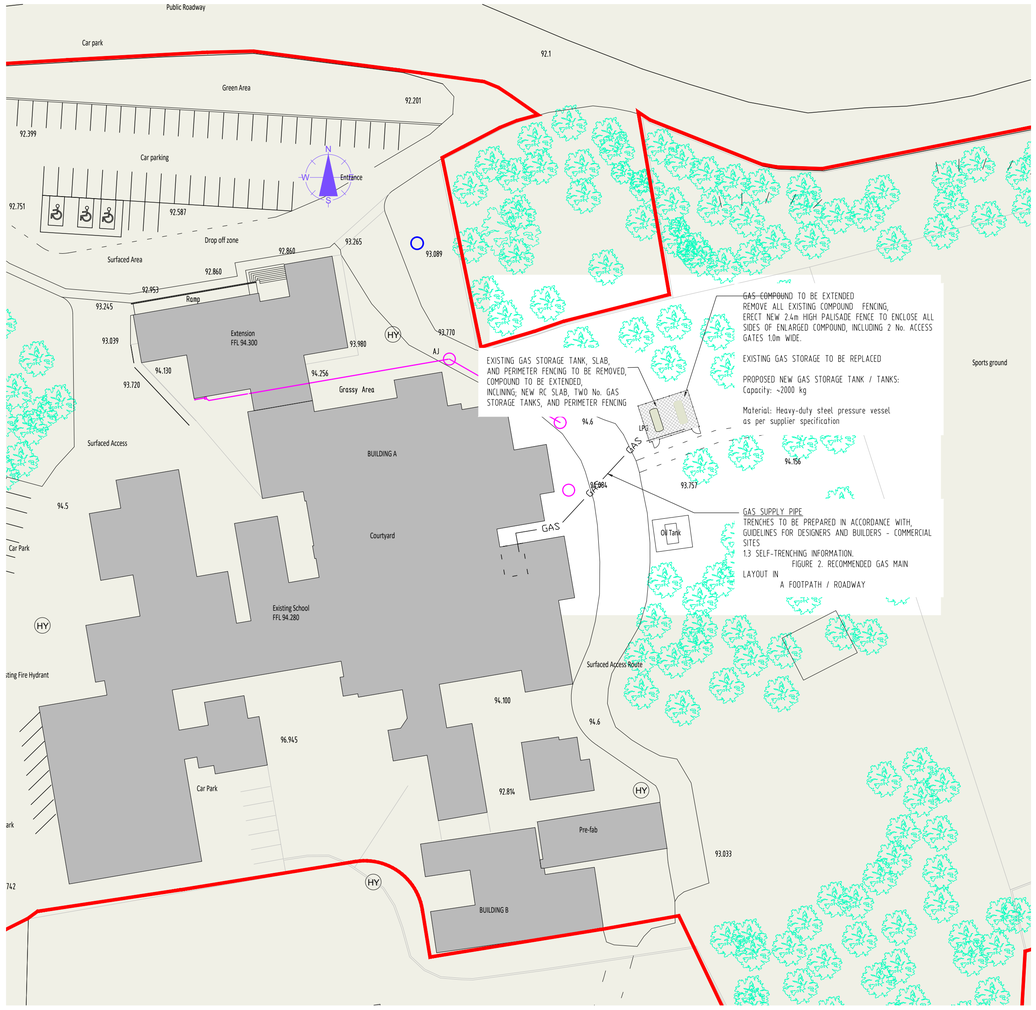
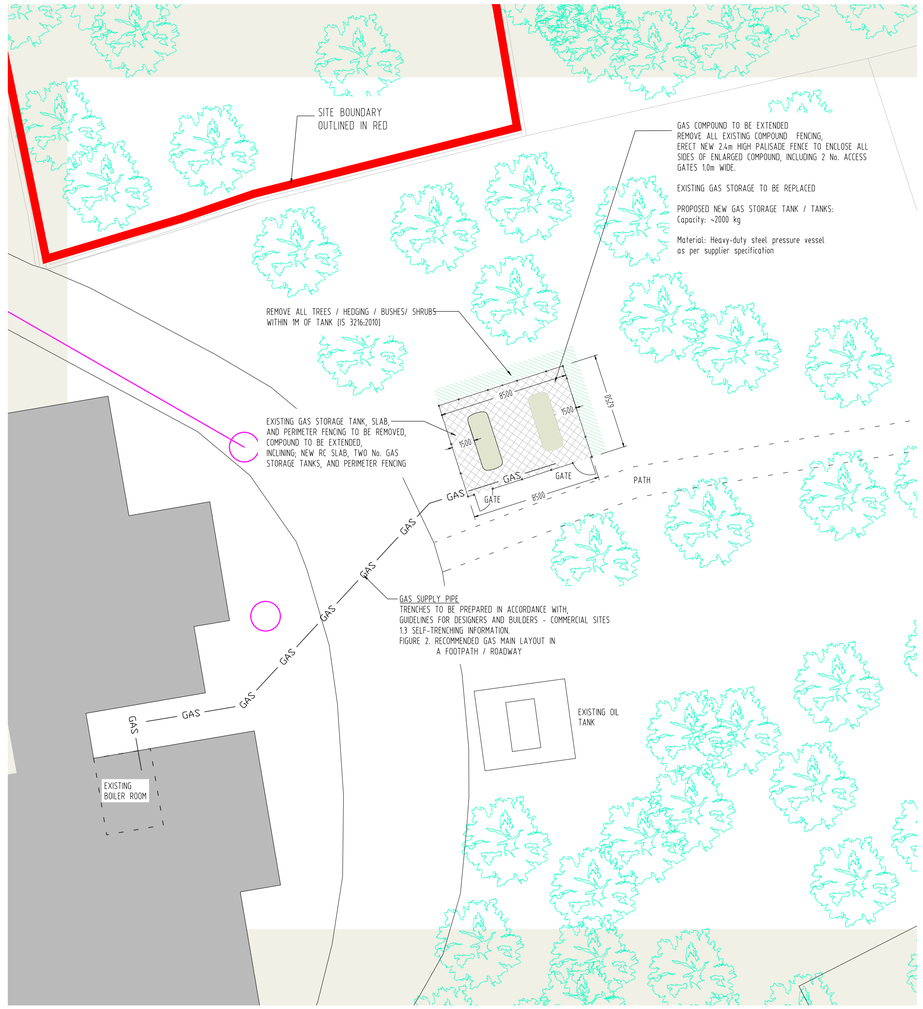


Site Layout Plan

Scale 1 : 500



Plan of Gas Compound

Scale 1 : 200

SCOPE OF DEVELOPMENT:

INCREASE IN THE GAS STORAGE CAPACITY FROM THE EXISTING CAPACITY OF C. ~500kg (≈1,200 l) TO THE PROPOSED CAPACITY OF C. ~2000 kg (≈ 4600-5000 liters)

SCHEDULE OF WORKS

Item	Description	Qty. Unit
1	Boilers (2 No. 150KW gas fired boilers with cascade system, 3 boiler frame & flue installation). Boilers sized on 60% of the heating load.	2 Nr.
2	BMS Panel	1 Nr.
3	BMS electrical wiring	1 Nr.
4	LTHW Plate Heat Exchanger (Duty/ Assist) (Sized at 60% of the heating load)	2 Nr.
5	LTHW Pumpset	6 Nr.
6	LTHW Pipework including Low Loss Header Arrangement	1 Nr.
7	Fittings, Valve, insulation & labelling	1 Nr.
8	Pressurization Unit & Expansion Vessel	1 Nr.
9	X-pot filtration & dosing unit	1 Nr.
10	Install Gas Pipework	40m.
11	Gas leak detection control panel including shut off valve, emergency stop, and thermal links fitted over boiler	1 Nr.
12	Builders work & Prelims	1 Nr.
13	Remove Boilers and pipework	1 Nr.
14	Upgraded Existing Gas Compound	1 Nr.

Outline the minimum works necessarv to address the emergency only.

At a minimum the existing main plantroom should be fully stripped out and a new plantroom installation provided with a heat exchanger to protect the new equipment from the existing system conditions (dirt, ferrous material buildup).

From this new installation spare connections should be provided to the future additional plantroom which again should be stripped out and new pipework/pump sets installed in order for it to act as a pumping house in the short term as part of a separate scheme.

The plantroom should be upgraded to utilise LPG rather than the current oil usage and a new/upgraded LPG compound provided to serve same in order to decarbonise the site rather than continuing with oil usage on site.

NOTES

DO NOT SCALE - USE FIGURED DIMENSIONS ONLY.

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES TO BE HIGHLIGHTED BY CONTRACTOR.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, DRAWINGS AND COMPLIANCE REPORT.

ALL LEVELS ARE TO FINISHED LEVELS UNLESS OTHERWISE INDICATED.

ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE BUILDING REGULATIONS.

LEGEND

SITE BOUNDARY OUTLINED IN RED

REVISION:

Ref:	Description:	Date:
-	TENDER DRAWING	20/10/2026

Drawing status: TENDER

GENERAL ARRANGEMENT

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Client: B.O.M OF MOUNT ST MICHAEL SEC. SCHOOL

project: HEATING PLANT REPLACEMENT AND LPG STORAGE UPGRADE AT MOUNT ST. MICHAEL SECONDARY SCHOOL

drawing: TANK COMPOUND LAYOUT PLAN AND DETAIL

date:	drawn by:	check:
15/04/2026	P.A.	
scale:	drwg no.:	rev. no.:
As shown	26-1495 403	-

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