

Document Number	LRFS-CMB-M-XX-XX-TS-0038
Client	BSB
Project	London Road Fire Station
Rev	C01
Title	Boiler Flues
Date	25/05/2025
Reason for Issue	Construction
Originator	CMB

Technical Submission Sheet



PROJECT: London Road Fire Station

TO: BSB

FROM: Christopher Lucey

50 London Road

Manchester

M1 2PH

TS Number: LRFS-CMB-M-XX-XX-TS-0038

REV. A

DATE: 25/03/2025

Submission For

TITLE: Boiler Flues

Boiler flue system as shown on drawing references 7352-01A and 7352-02A

Revised drawings to show route via riser 1 instead of riser 26.

The horizontal run in the basement has been specified with welded flanges and gaskets due to the lack of fall, and requirement for more off-sets due to beams. Drain points are installed at all low points on the horizontal run to prevent the build up of condensation. Locations of these are shown on the drawing.

Subcontractor statement:

"Wherever possible, Midtherm Engineering will always install flue systems with a minimum 2.5 degree fall in accordance with IGEN/UP/10 Edition 4 to ensure that condensate does not pool within the system. Due to the nature of this project this cannot always be achieved, where the flue system cannot be installed on a fall the flue joints will be complete with flanges and gaskets, and multiple drain points shall be installed along the flue route to significantly reduce the potential for leaks to occur."

Included:

- 7532-F-RH Subcontractor technical submittal
- Drawings 7532-01A and 7532-02A

Note: Should we not receive any comments by the latest date required we will deem the submission approved and proceed with order.

Latest Date Required: 28/03/2025

Date of Reply:

Issued By: CMB Contracts Manager

Signature:

A handwritten signature in black ink, appearing to be 'C. Lucey', written over a dotted line.

Date: 25/03/2025

Distribution: ☐ Architect

☒ Engineer

☐ PQS

☐ Project Manager

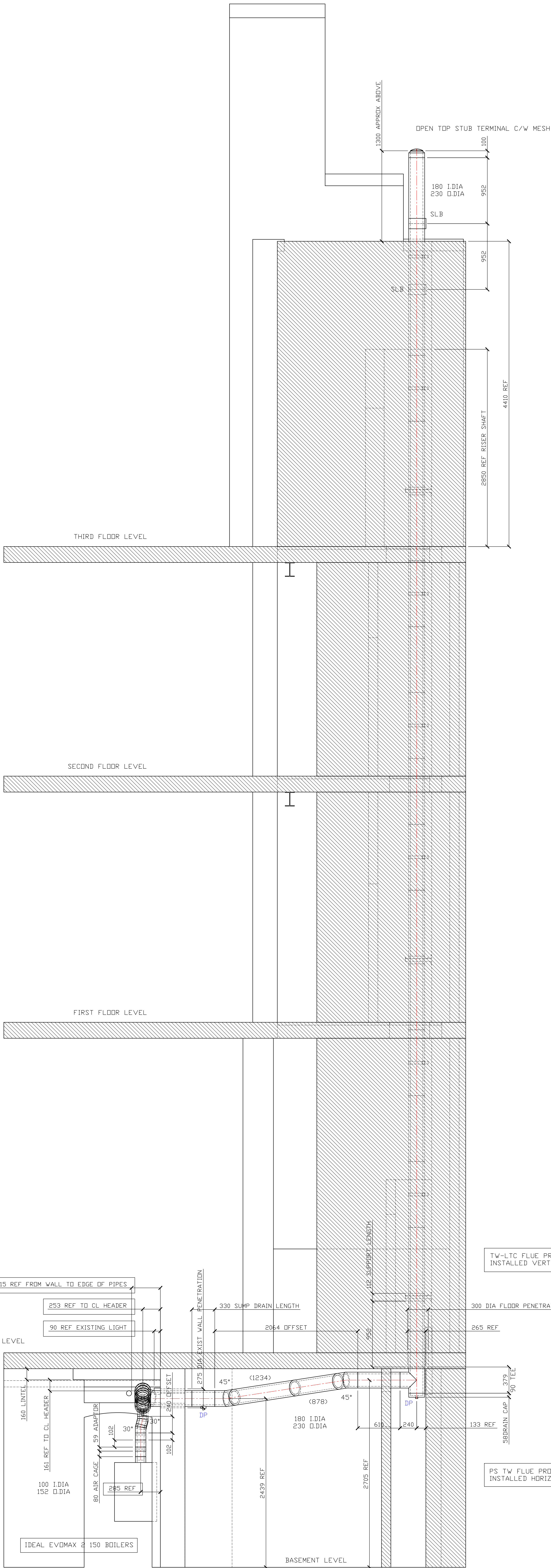
☒ M&E

☐ Customer

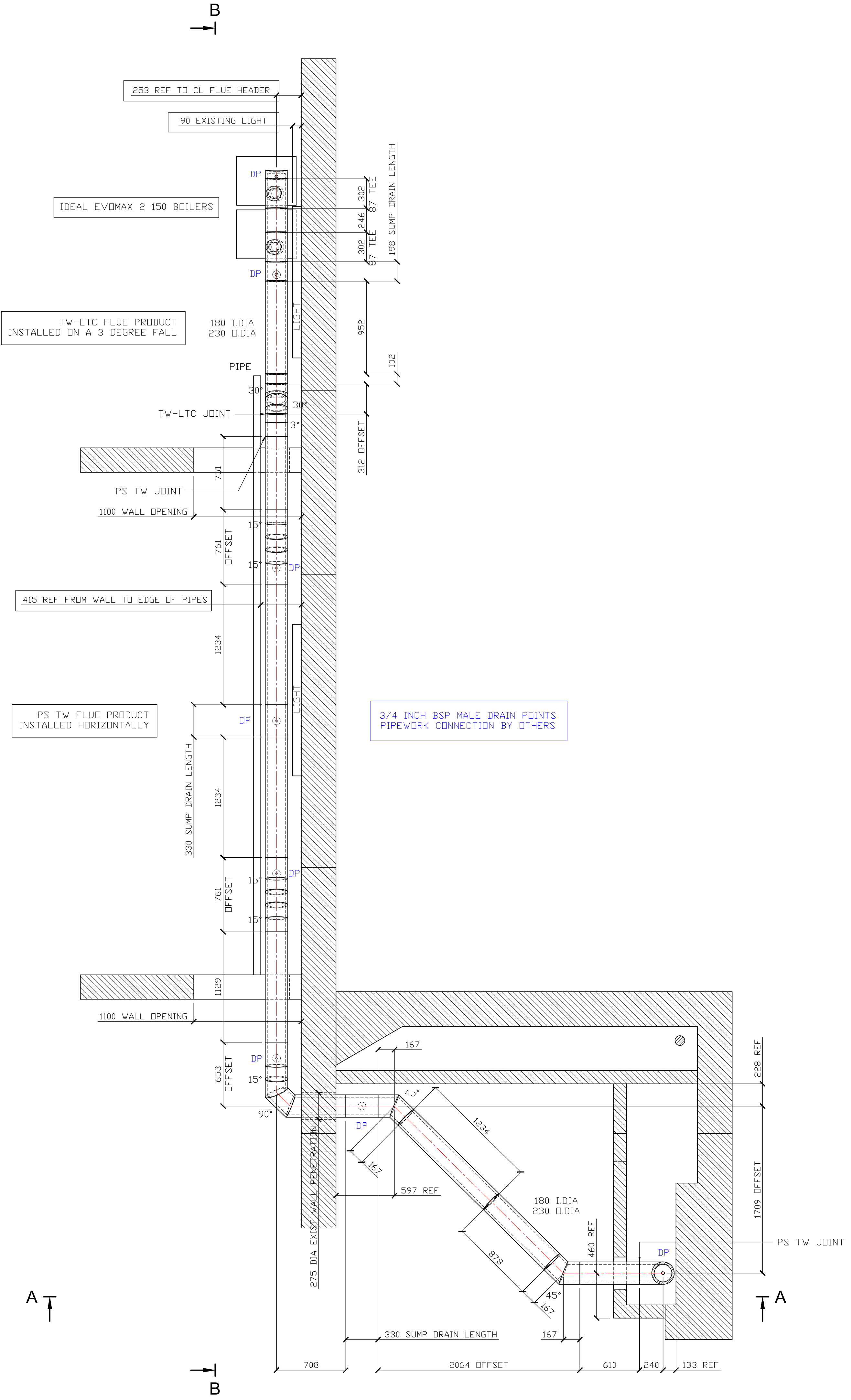
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ELEVATION VIEW
SECTION A-A
SCALE 1:25



PLAN VIEW
BASEMENT LEVEL
SCALE 1:25

General Notes

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This drawing is to be read in conjunction with any other Midtherm Engineering Ltd Drawings.

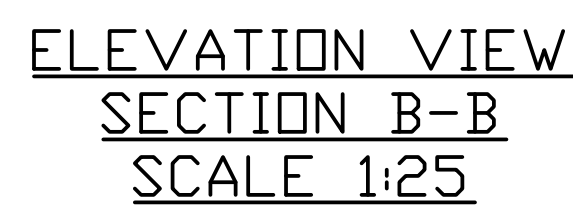
Do not scale off this drawing, use figured dimensions only, if in any doubt, ask!

KEY	
DP	- DRAIN POINT (PIPEWORK BY OTHERS)
D/S	- DRAUGHT STABILISER
DW	- DEADWEIGHT SUPPORT
LS	- LATERAL SUPPORT
NRD	- NON-RETURN DAMPER
SBD	- SINGLE BLADE DAMPER
VCD	- VOLUME CONTROL DAMPER

Rev	Description	Date
	DRAWING MODIFIED	21.03.25
	ORIGINAL DRAWING	29.11.23

Client/Site Location	
BORLEY ENGINEERING SERVICES LTD LONDON ROAD FIRE STATION MANCHESTER	
Title	
BOILER FLUE SYSTEM	

MIDTHERM Engineering Limited			
Midtherm Engineering Ltd, Staffordshire House, New Road, Netherton, Dudley, West Midlands DY2 8TA. Tel: 01384 455811 Email: sales@mideng.net Web: www.mideng.net			
Drawn	Checked	Scale	Date
MP		AS VIEWS	29.11.23
Drawing No.		7532-01	Rev
Sheet Size		A0	A



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Drawn: ☐ Checked: ☐ Scale: ☐	AS VIEWS		Date: 29.11.23
Drawing No. 7532-02		Rev	A
Sheet Size A0			