

NOTES:

1. THIS DRAWING IS FOR INDICATIVE PURPOSES ONLY AND THE DETAILED DESIGN AND THE DETAILED WORKING DRAWINGS ARE TO BE PREPARED BY THE SUCCESSFUL SUBCONTRACTOR PRIOR TO INSTALLATION.
2. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE SPECIFICATION
3. ALLOW FOR THE CONNECTION OF ALL SANITARY WARE.
4. ALL NEW BRANCH SOIL WASTE PIPE WORK SHALL BE IN UPVC UNLESS OTHERWISE SHOWN ON THIS DRAWING.
5. UPVC TO BE AS DETAILED IN SPECIFICATION
6. ACCESS TO BE PROVIDED ON ALL PIPEWORK PRIOR TO PASSING THROUGH A FLOOR SLAB.
7. FIRE SLEEVES TO BE FITTED ON ALL UPVC PIPEWORK PASSING THROUGH A FLOOR SLAB AND ON HORIZONTAL PIPEWORK WHERE PASSING THROUGH FIRE WALLS/COMPARTMENTS.
8. THESE DRAWINGS SHOW DESIGN INTENT AND THEY ARE NOT CONSTRUCTION DRAWINGS, AND THEREFORE DO NOT SHOW ALL BENDS, TEE SETS ETC, THAT MAY BE NECESSARY.
9. ALL HORIZONTAL SOIL & WASTE BRANCH PIPEWORK SHALL HAVE ADEQUATE MEANS OF RODDING ACCESS.
10. ALL NEW PIPEWORK MUST BE TESTED IRRESPECTIVE OF ANY AGREEMENT WITH BUILDING CONTROL.

NOTE: —
ALL VERTICAL PIPEWORK THAT IS
BOXED-IN IS TO BE PROVIDED WITH
A REMOVABLE ACCESS PANELS TO
SUIT RODDING ACCESS.

GRADIENT OF PIPES

WP @HL = GRADIENT 1:50
WP @LL = GRADIENT 1:50
SP @HL = GRADIENT 1:40
SP @LL = GRADIENT 1:40
VP @HL = GRADIENT 1:200

THESE LEVELS APPLY UNLESS
STATED OTHERWISE ON THE PIPEWORK

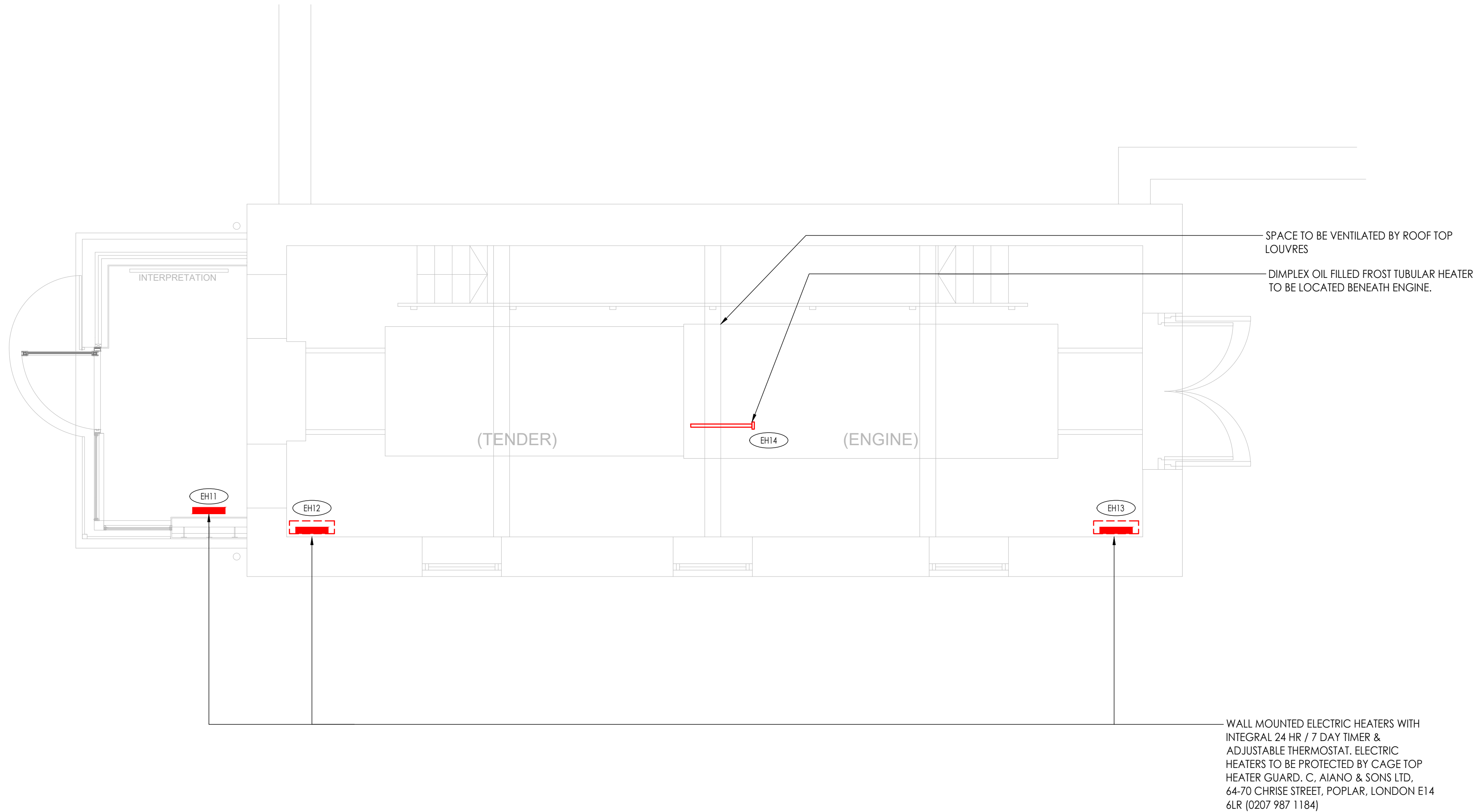
LEGEND:

- | | |
|-------|---------------------|
| — | LOW LEVEL PIPEWORK |
| — | HIGH LEVEL PIPEWORK |
| ● SVP | SOIL VENT PIPE |
| ● WP | WASTE PIPE |
| RE | RODDING EYE |
| HL | HIGH LEVEL |
| LL | LOW LEVEL |

ELECTRIC HEATER SCHEDULE

REF	ROOM	OUTPUT (W)	MODEL REF	MODEL
EH11	-	500	QRAD50	546 (H) x 513 (W) x 105 (D)
EH12	-	500	QRAD50	546 (H) x 513 (W) x 105 (D)
EH13	-	500	QRAD50	546 (H) x 513 (W) x 105 (D)
EH14	BENEATH ENGINE	120	ECO4FT	1323 (L) X 80 (DIA)

MANUFACTURED BY DIMPLEX, GRANGE DRIVE SOUTHAMPTON
5030 2DF (0800 022 4488) OR EQUAL & APPROVED.



NOTES:

1. THIS DRAWING SHALL BE READ IN ACCORDANCE WITH THE MECHANICAL SPECIFICATION AND ALL RELEVANT ARCHITECTS DRAWINGS.
2. THIS DRAWING IS FOR TENDER PURPOSES ONLY. THE BUILDING SERVICES CONTRACTOR IS RESPONSIBLE FOR THE DESIGN DEVELOPMENT, DETAILED DESIGN, PREPARATION OF ALL INSTALLATION DRAWINGS AND BUILDERS WORK DETAILS AS DESCRIBED WITHIN THE SPECIFICATION.
3. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING SITE AND PRODUCING FULLY DIMENSIONED WORKING/ FABRICATION DRAWINGS. ALL WORKING DRAWINGS SHALL BE FULLY CO-ORDINATED WITH OTHER TRADES AND BUILDING DETAILS, INCLUDING CEILING/ STEEL DETAILS.
4. THIS DRAWING SHOWS DESIGN INTENT FOR CRITICAL AREAS, THEY ARE NOT CONSTRUCTION DRAWINGS AND THEREFORE DO NOT SHOW ALL BENDS, TEE SETS ETC. THAT MAY BE NECESSARY TO LOCATE SERVICES CORRECTLY TO AVOID CLASHES AND MAXIMISE MAINTENANCE ACCESS. THE CONTRACTOR NEVER THE LESS DEEMED TO HAVE INCLUDED ALL SUCH MATERIALS ETC. AS REQUIRED TO PROVIDE A COMPLETE, FULLY CO-ORDINATED LAYOUT.
5. ALL SANITARY FITTINGS SHALL BE COMPLETE WITH BALLFOXY TYPE VALVES C/W FLOW RESTRICTORS ON BOTH HOT AND COLD WATER CONNECTION.
6. ALL PIPEWORK TO BE CONCEALED AND INSULATED.
7. ALL SERVICES IN CEILING VOID, BOXINGS AND SERVICE DUCTS TO BE THERMALLY INSULATED.
8. MECHANICAL CONTRACTOR TO PROVIDE AND CONNECT HOT AND COLD WATER CONNECTIONS TO ALL WASH HAND BASINS, SINKS AND WC'S.
9. THERMOSTATIC MIXING VALVES (TRV) TO BE FITTED TO ALL HAND WASHING OUTLETS. MAX TEMPERATURE 41°C.

12	MAR'24	INFORMATION ISSUE	KJS
11	JAN'24	INFORMATION ISSUE	KJS
Purpose: INFORMATION			
Subject: INDICATIVE MECHANICAL SERIVCES LAYOUT			
Project: PARC PADARN LLANBERIS FIRE QUEEN SHED			
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Sabin Consulting Engineers </div>			
<p>Sabin Consulting Engineers Ltd Bowden House, 36 Northampton Road Market Harborough, Leics. LE16 9HE Telephone: 01572 729 509 / 07926 360 893 E-mail: admin@sabince.co.uk Website: www.sabince.co.uk</p>			
Scale: 1:50@A1 1:100@A3		Drawing Number	Rev
Date: JAN'24		23-026-M-120	12
Drawn: KJS			