



CONSTRUCTIVE THINKING

6 Passingham Walk, PO8 8JH

TGP Portsmouth
Project No: 7083

Prepared For:
TGP

EXISTING CONDITIONS

- Area of Special Residential Character**
NO
- Conservation Area**
NO
- Flood Risk**
NO
- Listed Building**
NO
- PIBI Surveys Required**
CWI
EWI
LOFT
Window and Doors

SEQUENCING

- PAS Measures Install Sequencing:**
1. Wall Insulation
 2. Window & Door Replacement
 3. Ventilation & Undercuts
 4. Loft Insulation Works

PROPOSED MEASURES

- EXTERNAL WORKS**
Eaves/Verge Extension
External Fixtures
External Wall to be Insulated and Reinforced
New Cavity Wall Insulation (CWI)
New External Doors
New Windows
Pitched Roof/Loft Insulation
Roof Tile Vents (if no replacement)
Roof Ventilation
Structural Panel
- INTERNAL WORKS**
Door Undercuts
Monitoring Sensors
New dMEV to be located in kitchen and bathroom
- MID TERM IMPROVEMENT PLAN**
Insulate the Solid Floor
- RENEWABLE MEASURES TO NET ZERO**
Renewable Ready Measures

Sections

- 1. Cover
- 2. How-to
- 3. Issue sheet
- 4. Design Summary
- 5. Existing
- 6. Enabling
- 7. Proposed
- 8. Planning elevations (if neccessary)
- 9. Window and door schedule (if necessary)
- 10. Ventilation Strategy (if necessary)
- 7*. Detailed list of measures, specific actions and details to be applied

- Additionally - 11. Project details pack
- 12. Specification
 - 13. Risk Register
 - 14. IOE

PAS Information location: Section(s)

Specification including materials, products, processes and standards... 12

Materials appropriate..... 11, 12

Interactions in accordance with Risk Assessment..... 7, 11, 13

Construction details relevant to measure for corners, junctions and edges..... 11

Specifications..... 12

Sequence identified..... 7, 11

Complete retrofit design..... 6, 7

IOE, including risk assessment..... 14

Ventilation strategy..... 10

Overheating considered..... 7

Airtightness..... 7, 11, 12

Note

Numbering for enabling and proposed measures is not sequential - on different properties different numbers could be missing- and are grouped by sets of measures. i.e.

- EX-1n walls measures
- EX-2n doors and windows
- EX-3n ventilation
- EX-4n roof
- EX-5n soffits
- EX-6n external fixtures

DEISGN SUMMARY

Location, elevations and section

Main floorplans

Roofplan and existing elevations

Design notes

Existing conditions

Sequence

Main proposed measures

ENABLING

Main floorplans

Enabling works description

Blue - door undercut needed

Red - to be demolished

Door undercuts

PROPOSED

Main floorplans

Proposed works

Other notes

* See full description of measures, specific actions and details to be applied on last page of design pack

Layout type —> **PROPOSED**

Layout size and scale —> **A3** Scales

Revisions history —>

Risks —>

Status —>

Layout name —> **How-to**

Address —> **6 Passingham Example 1
WALK, PO8 8JH**

Drawing number and revision —>

Originator: 7083 - CTS - Zz - 123.456 - D - A - 4602

Spatial Breakdownw: 123.456 - D - A - 4602

Role: D - A - 4602

Project number: 7083 - CTS - Zz - 123.456 - D - A - 4602

Functional Breakdownw: 123.456 - D - A - 4602

Type: D - A - 4602

Layout number: 123.456 - D - A - 4602

HOW-TO

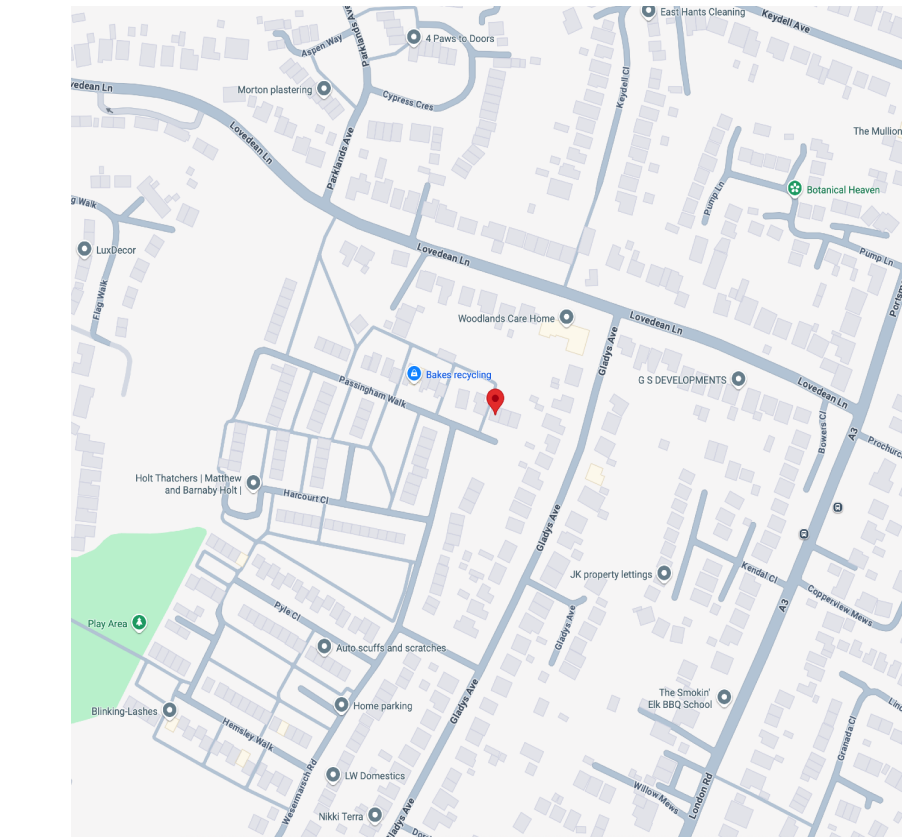
A3

ISSUE SHEET

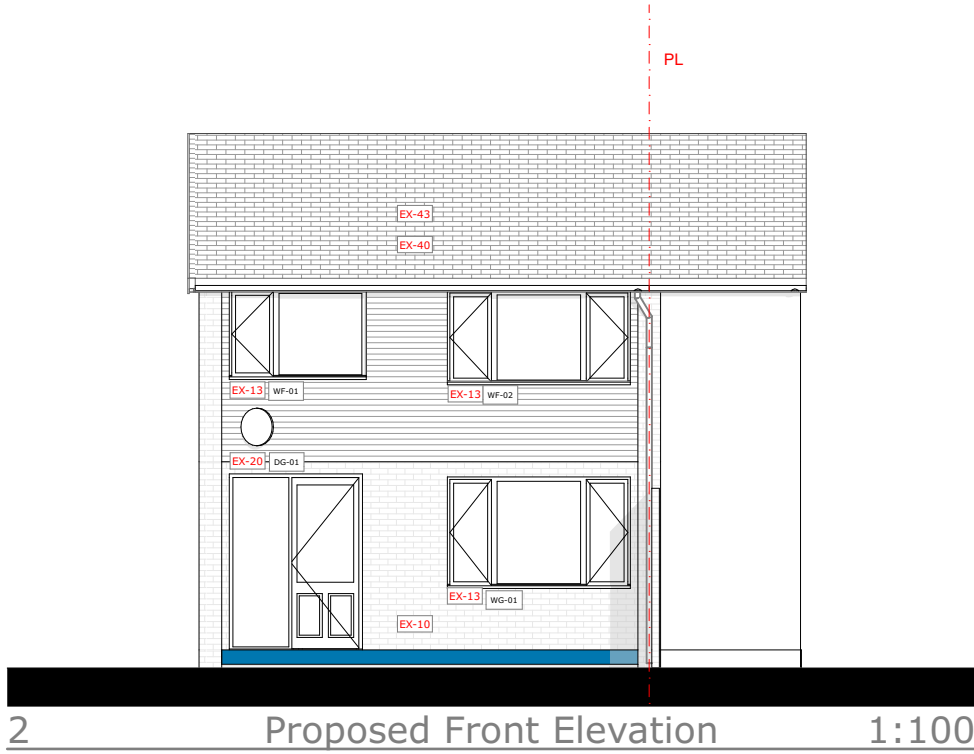
CONSTRUCTIVE
THINKING

Issue No	Drawing No	Drawing Name	Drawing Scales	Size	Draft/ Issued	Client	Planning	PD
06/08/25, P01 Revision, 08/08/2025, 10:59								
	4601	Cover		297.0 / 210.0		TGP	Y	
	4602	How-to		420.0 / 297.0		TGP	Y	
	4603	Issue Sheet		210.0 / 297.0		TGP	Y	
	4605	Summary Page		841.0 / 594.0		TGP	Y	
	4606	Existing Floor Plans	1:50	841.0 / 594.0		TGP	Y	
	4607	Existing Elevations	1:50	841.0 / 594.0		TGP	Y	
	4608	Enabling Floor Plans	1:50	841.0 / 594.0		TGP	Y	
	4609	Enabling Elevations	1:50	841.0 / 594.0		TGP	Y	
	4610	Proposed Floor Plans	1:50	841.0 / 594.0		TGP	Y	
	4611	Proposed Elevations	1:50	841.0 / 594.0		TGP	Y	
	4612	Planning Elevations		841.0 / 594.0		TGP	Y	
	4613	Window and Door Schedule		420.0 / 297.0		TGP	Y	
	4614	Internal Door Schedule		420.0 / 297.0		TGP	Y	
	4617	Measures		420.0 / 297.0		TGP	Y	
	4618	Measures II		420.0 / 297.0		TGP	Y	

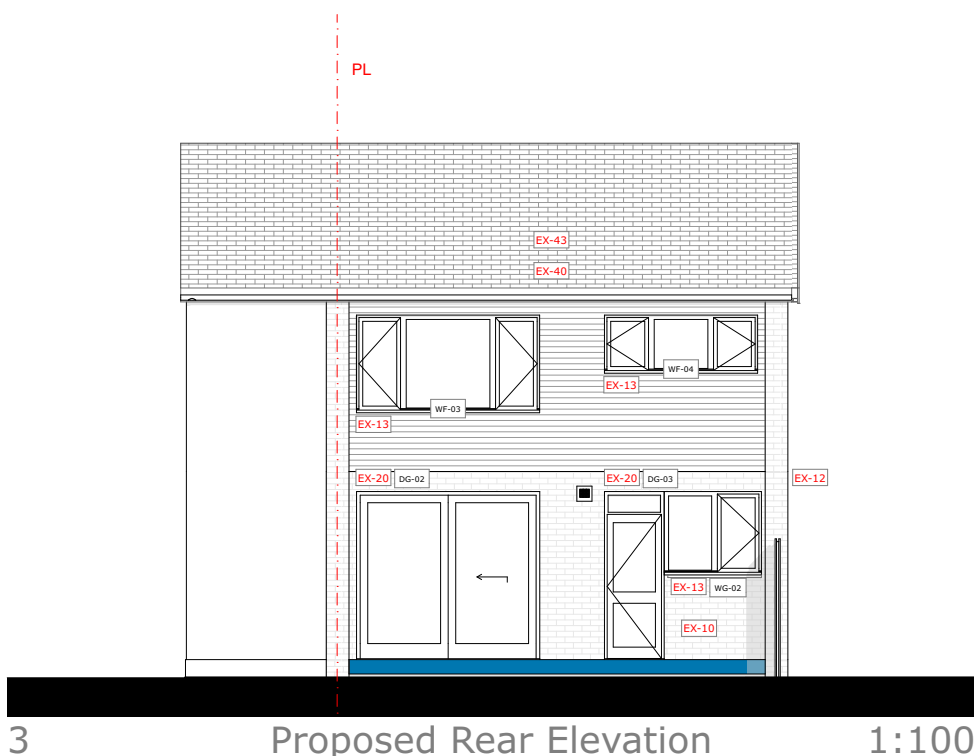
* Standard annotation numbers used for enabling and proposed drawings legends. Unused numbers do not mean measures are missing.



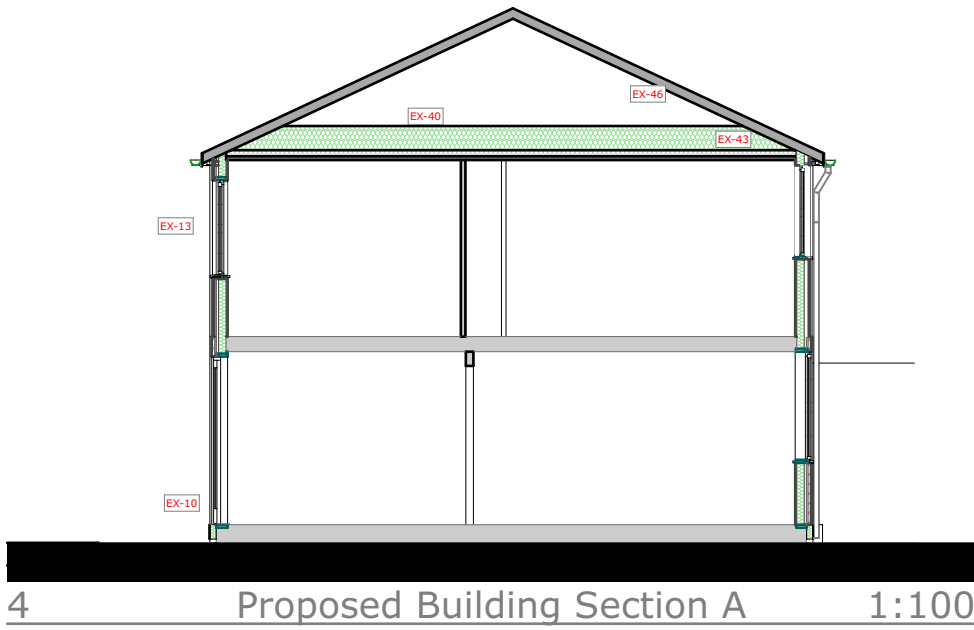
1 Location Plan



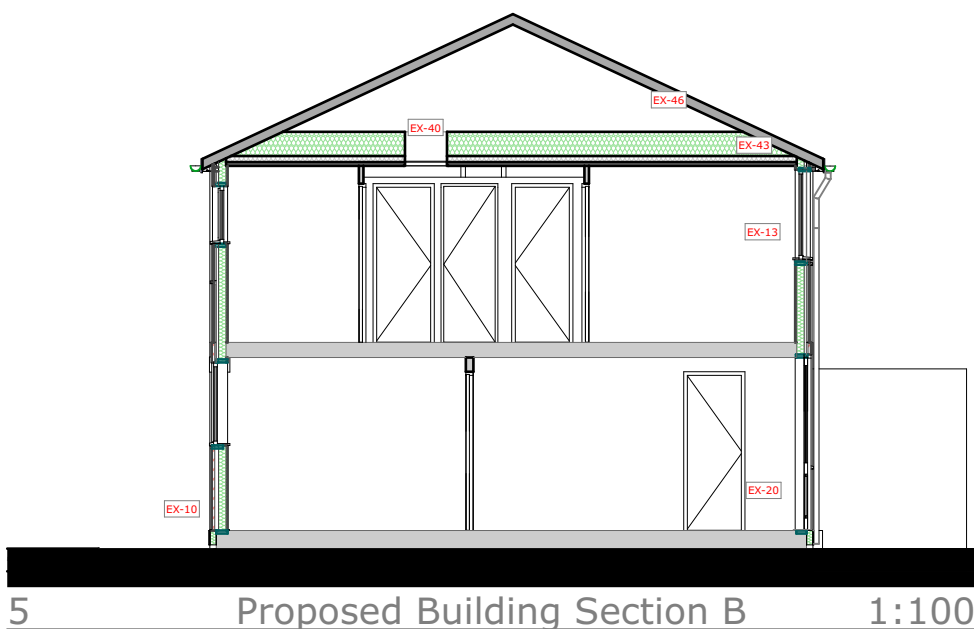
2 Proposed Front Elevation 1:100



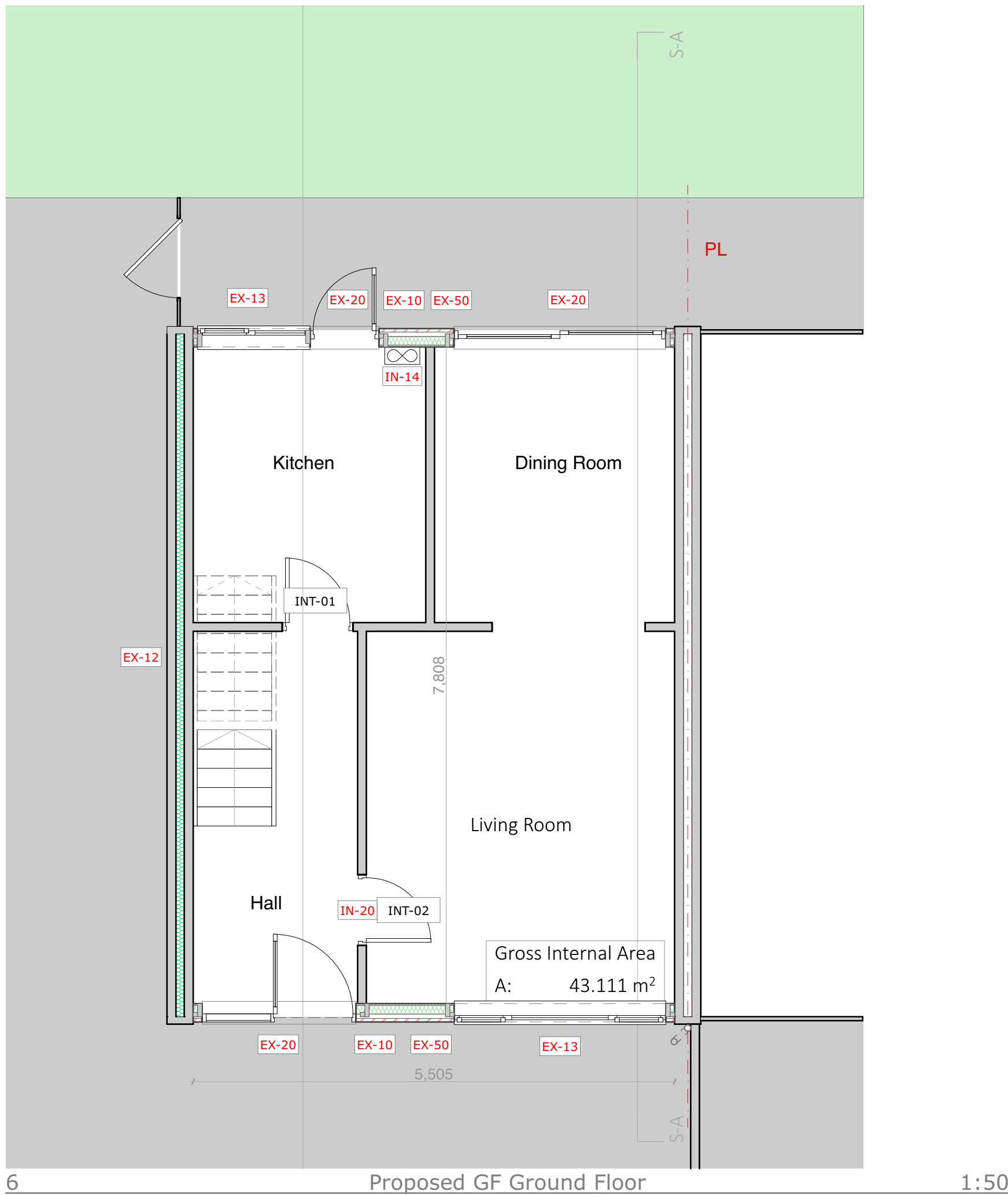
3 Proposed Rear Elevation 1:100



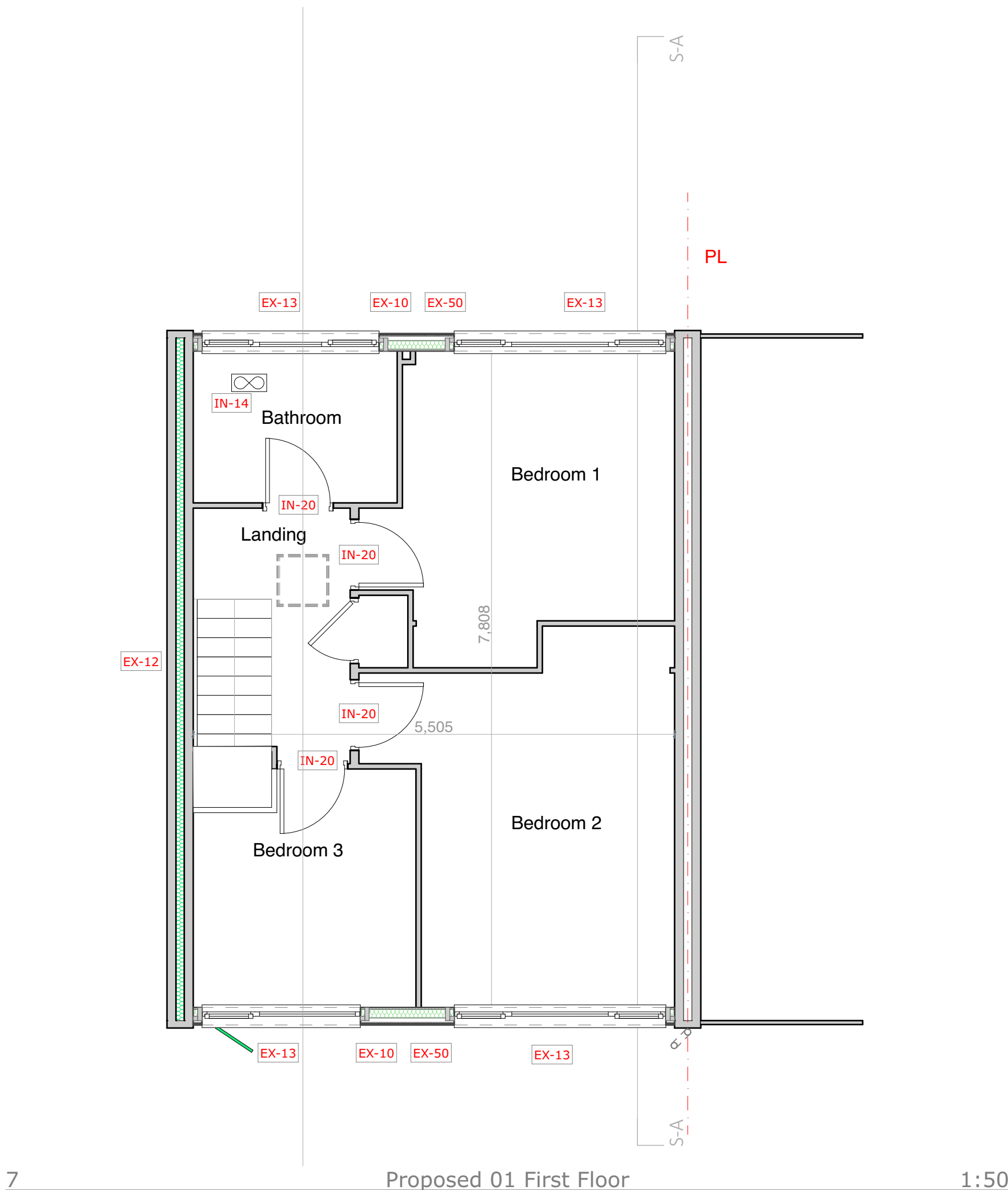
4 Proposed Building Section A 1:100



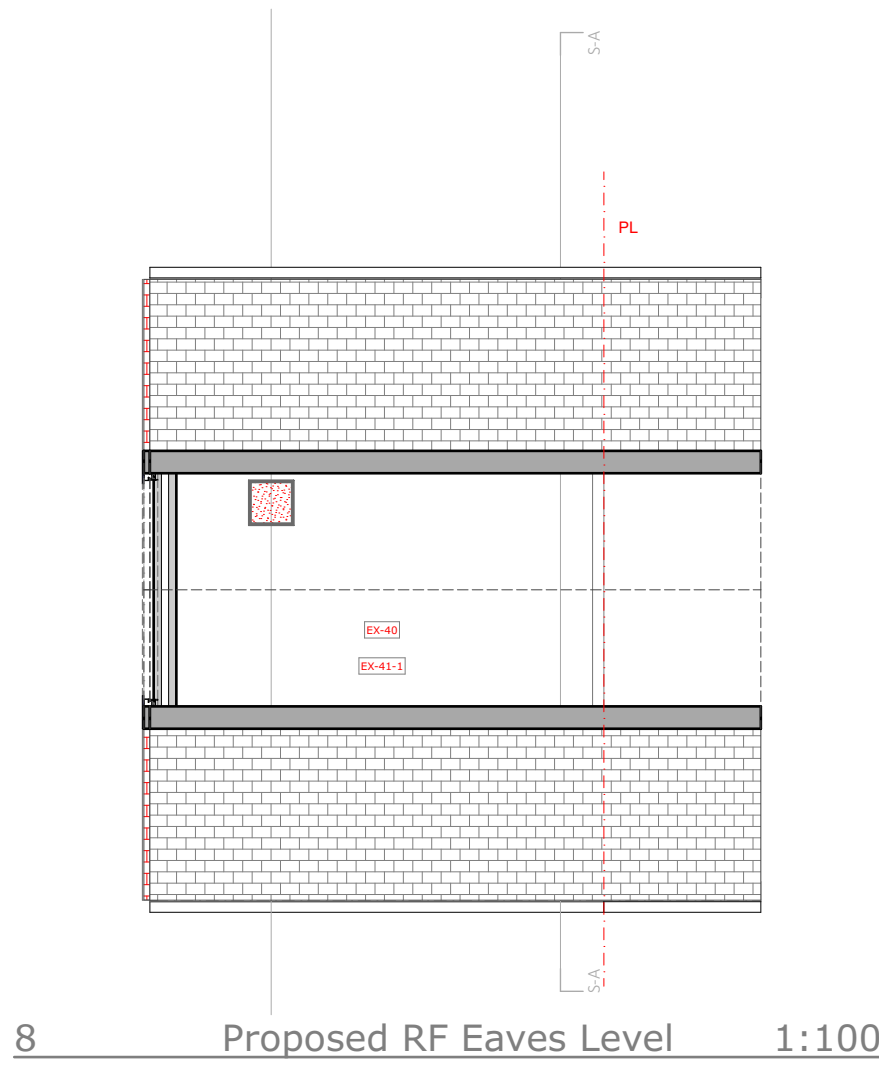
5 Proposed Building Section B 1:100



6 Proposed GF Ground Floor 1:50



7 Proposed 01 First Floor 1:50



8 Proposed RF Eaves Level 1:100



9 Front Elevation Image



10 Rear Elevation Image

DESIGN CLAUSES	
Design	All items to be installed as per manufacturer's specification
Sequencing	Sequencing to follow indications on cover of design pack. Other key interactions have been defined in the details.
Testing and Commissioning	All measures to be tested in line with PAS requirements. I.e. all PV equipment to be tested following LCZ standards.
Handover	All measures to be inspected and handover to be prepared by contractor and installers including all relevant documentation

EXISTING CONDITIONS

Area of Special Residential Character

NO

Conservation Area

NO

Flood Risk

NO

Listed Building

NO

PIBI Surveys Required

EWI

LOFT

Window and Doors

SEQUENCE

PAS Measures Install Sequencing:

- Wall Insulation
- Window & Door Replacement
- Ventilation & Undercuts
- Loft Insulation Works

PROPOSED MEASURES

EX EXTERNAL WORKS

- | | |
|---------|--|
| EX-10 | External Wall to be Insulated and Reinforced |
| EX-12 | New Cavity Wall Insulation (CWI) |
| EX-13 | New Windows |
| EX-20 | New External Doors |
| EX-40 | Pitched Roof/Loft Insulation |
| EX-41-1 | Roof Ventilation |
| EX-43 | Eaves/Verge Extension |
| EX-46 | Roof Tile Vents (if no replacement) |
| EX-50 | Structural Panel |
| EX-60 | External Fixtures |

IN INTERNAL WORKS

- | | |
|-------|--|
| IN-11 | Monitoring Sensors |
| IN-14 | New dMEV to be located in kitchen and bathroom |
| IN-20 | Door Undercuts |

RM RENEWABLE MEASURES TO NET ZERO

- | | |
|-------|--------------------------|
| RM-30 | Renewable Ready Measures |
|-------|--------------------------|

MTIP MID TERM IMPROVEMENT PLAN

- | | |
|---------|--------------------------|
| MTIP-21 | Insulate the Solid Floor |
|---------|--------------------------|

DESIGN SUMMARY

A1

Constructive Thinking Studio
Liverpool Science Park IC 1
131 Mount Pleasant
L3 5TF

www.constructivethinking.co.uk
+44 (0) 151 705 3433
bm@constructivethinking.co.uk

Safety Health and Environmental Information

In addition to the hazard/risks normally associated with the types of work detailed on this drawing take note of the below. It is assumed that all works on this drawing will be carried out by a competent contractor working, where appropriate, to an appropriate method statement.

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Demolition/Adaption Risks

Risk of fragile render, existing cladding and rainwater goods collapsing. Contractor to ensure operatives wear PPE and carry out works carefully. For Further information see Risk Register.

Construction Risks

Risk of injury to operatives through working from height, tripping hazards, etc. Care to be taken while working on site and appropriate PPE to be worn. For further information see Risk Register.

Maintenance/Cleaning Risks

Cleaning windows from height. Appropriate equipment to be used. PPE to be worn. For Further information see Risk Register.

Revision	Date	Modeled By	Checked By
	08/08/2025	WJ	LFS

Client **TGP**

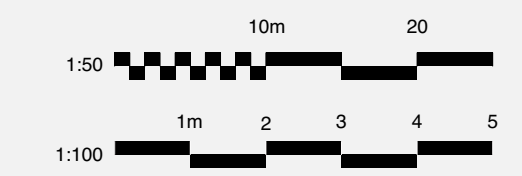
Project **TGP Portsmouth**

Status **- -**

Drawings: Location Plan, Proposed Front Elevation, Proposed Rear Elevation, Proposed Building Section A, Proposed Building Section B, Proposed GF Ground Floor, Proposed 01 First Floor, Proposed RF Eaves Level, Front Elevation Image, Rear Elevation Image, Proposed Right Side Elevation, Proposed Left Side Elevation, Proposed Section A, Proposed Section B, Proposed Section C, Proposed Section D, Proposed Section E, Proposed Section F, Proposed Section G, Proposed Section H, Proposed Section I, Proposed Section J, Proposed Section K, Proposed Section L, Proposed Section M, Proposed Section N, Proposed Section O, Proposed Section P, Proposed Section Q, Proposed Section R, Proposed Section S, Proposed Section T, Proposed Section U, Proposed Section V, Proposed Section W, Proposed Section X, Proposed Section Y, Proposed Section Z, Proposed Section AA, Proposed Section AB, Proposed Section AC, Proposed Section AD, Proposed Section AE, Proposed Section AF, Proposed Section AG, Proposed Section AH, Proposed Section AI, Proposed Section AJ, Proposed Section AK, Proposed Section AL, Proposed Section AM, Proposed Section AN, Proposed Section AO, Proposed Section AP, Proposed Section AQ, Proposed Section AR, Proposed Section AS, Proposed Section AT, Proposed Section AU, Proposed Section AV, Proposed Section AW, Proposed Section AX, Proposed Section AY, Proposed Section AZ, Proposed Section BA, Proposed Section BB, Proposed Section BC, Proposed Section BD, Proposed Section BE, Proposed Section BF, Proposed Section BG, Proposed Section BH, Proposed Section BI, Proposed Section BJ, Proposed Section BK, Proposed Section BL, Proposed Section BM, Proposed Section BN, Proposed Section BO, Proposed Section BP, Proposed Section BQ, Proposed Section BR, Proposed Section BS, Proposed Section BT, Proposed Section BU, Proposed Section BV, Proposed Section BW, Proposed Section BX, Proposed Section BY, Proposed Section BZ, Proposed Section CA, Proposed Section CB, Proposed Section CC, Proposed Section CD, Proposed Section CE, Proposed Section CF, Proposed Section CG, Proposed Section CH, Proposed Section CI, Proposed Section CJ, Proposed Section CK, Proposed Section CL, Proposed Section CM, Proposed Section CN, Proposed Section CO, Proposed Section CP, Proposed Section CQ, Proposed Section CR, Proposed Section CS, Proposed Section CT, Proposed Section CU, Proposed Section CV, Proposed Section CW, Proposed Section CX, Proposed Section CY, Proposed Section CZ, Proposed Section DA, Proposed Section DB, Proposed Section DC, Proposed Section DD, Proposed Section DE, Proposed Section DF, Proposed Section DG, Proposed Section DH, Proposed Section DI, Proposed Section DJ, Proposed Section DK, Proposed Section DL, Proposed Section DM, Proposed Section DN, Proposed Section DO, Proposed Section DP, Proposed Section DQ, Proposed Section DR, Proposed Section DS, Proposed Section DT, Proposed Section DU, Proposed Section DV, Proposed Section DW, Proposed Section DX, Proposed Section DY, Proposed Section DZ, Proposed Section EA, Proposed Section EB, Proposed Section EC, Proposed Section ED, Proposed Section EE, Proposed Section EF, Proposed Section EG, Proposed Section EH, Proposed Section EI, Proposed Section EJ, Proposed Section EK, Proposed Section EL, Proposed Section EM, Proposed Section EN, Proposed Section EO, Proposed Section EP, Proposed Section EQ, Proposed Section ER, Proposed Section ES, Proposed Section ET, Proposed Section EU, Proposed Section EV, Proposed Section EW, Proposed Section EX, Proposed Section EY, Proposed Section EZ, Proposed Section FA, Proposed Section FB, Proposed Section FC, Proposed Section FD, Proposed Section FE, Proposed Section FF, Proposed Section FG, Proposed Section FH, Proposed Section FI, Proposed Section FJ, Proposed Section FK, Proposed Section FL, Proposed Section FM, Proposed Section FN, Proposed Section FO, Proposed Section FP, Proposed Section FQ, Proposed Section FR, Proposed Section FS, Proposed Section FT, Proposed Section FU, Proposed Section FV, Proposed Section FW, Proposed Section FX, Proposed Section FY, Proposed Section FZ, Proposed Section GA, Proposed Section GB, Proposed Section GC, Proposed Section GD, Proposed Section GE, Proposed Section GF, Proposed Section GG, Proposed Section GH, Proposed Section GI, Proposed Section GJ, Proposed Section GK, Proposed Section GL, Proposed Section GM, Proposed Section GN, Proposed Section GO, Proposed Section GP, Proposed Section GQ, Proposed Section GR, Proposed Section GS, Proposed Section GT, Proposed Section GU, Proposed Section GV, Proposed Section GW, Proposed Section GX, Proposed Section GY, Proposed Section GZ, Proposed Section HA, Proposed Section HB, Proposed Section HC, Proposed Section HD, Proposed Section HE, Proposed Section HF, Proposed Section HG, Proposed Section HH, Proposed Section HI, Proposed Section HJ, Proposed Section HK, Proposed Section HL, Proposed Section HM, Proposed Section HN, Proposed Section HO, Proposed Section HP, 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Section JL, Proposed Section JM, Proposed Section JN, Proposed Section JO, Proposed Section JP, Proposed Section JQ, Proposed Section JR, Proposed Section JS, Proposed Section JT, Proposed Section JU, Proposed Section JV, Proposed Section JW, Proposed Section JX, Proposed Section JY, Proposed Section JZ, Proposed Section KA, Proposed Section KB, Proposed Section KC, Proposed Section KD, Proposed Section KE, Proposed Section KF, Proposed Section KG, Proposed Section KH, Proposed Section KI, Proposed Section KJ, Proposed Section KK, Proposed Section KL, Proposed Section KM, Proposed Section KN, Proposed Section KO, Proposed Section KP, Proposed Section KQ, Proposed Section KR, Proposed Section KS, Proposed Section KT, Proposed Section KU, Proposed Section KV, Proposed Section KW, Proposed Section KX, Proposed Section KY, Proposed Section KZ, Proposed Section LA, Proposed Section LB, Proposed Section LC, Proposed Section LD, Proposed Section LE, Proposed Section LF, Proposed Section LG, 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Section NC, Proposed Section ND, Proposed Section NE, Proposed Section NF, Proposed Section NG, Proposed Section NH, Proposed Section NI, Proposed Section NJ, Proposed Section NK, Proposed Section NL, Proposed Section NM, Proposed Section NO, Proposed Section NP, Proposed Section NQ, Proposed Section NR, Proposed Section NS, Proposed Section NT, Proposed Section NU, Proposed Section NV, Proposed Section NW, Proposed Section NX, Proposed Section NY, Proposed Section NZ, Proposed Section OA, Proposed Section OB, Proposed Section OC, Proposed Section OD, Proposed Section OE, Proposed Section OF, Proposed Section OG, Proposed Section OH, Proposed Section OI, Proposed Section OJ, Proposed Section OK, Proposed Section OL, Proposed Section OM, Proposed Section ON, Proposed Section OO, Proposed Section OP, Proposed Section OQ, Proposed Section OR, Proposed Section OS, Proposed Section OT, Proposed Section OU, Proposed Section OV, Proposed Section OW, Proposed Section OX, Proposed Section OY, Proposed Section OZ, Proposed Section PA, Proposed Section PB, Proposed Section PC, Proposed Section PD, Proposed Section PE, Proposed Section PF, Proposed Section PG, Proposed Section PH, Proposed Section PI, Proposed Section PJ, Proposed Section PK, Proposed Section PL, Proposed Section PM, Proposed Section PN, Proposed Section PO, Proposed Section PP, Proposed Section PQ, Proposed Section PR, Proposed Section PS, Proposed Section PT, Proposed Section PU, Proposed Section PV, Proposed Section PW, Proposed Section PX, Proposed Section PY, Proposed Section PZ, Proposed Section QA, Proposed Section QB, Proposed Section QC, Proposed Section QD, Proposed Section QE, Proposed Section QF, Proposed Section QG, Proposed Section QH, Proposed Section QI, Proposed Section QJ, Proposed Section QK, Proposed Section QL, Proposed Section QM, Proposed Section QN, Proposed Section QO, Proposed Section QP, Proposed Section QQ, Proposed Section QR, Proposed Section QS, Proposed Section QT, Proposed Section QU, Proposed Section QV, Proposed Section QW, Proposed Section QX, Proposed Section QY, Proposed Section QZ, Proposed Section RA, Proposed Section RB, Proposed Section RC, Proposed Section RD, Proposed Section RE, Proposed Section RF, Proposed Section RG, Proposed Section RH, Proposed Section RI, Proposed Section RJ, Proposed Section RK, Proposed Section RL, Proposed Section RM, Proposed Section RN, Proposed Section RO, Proposed Section RP, Proposed Section RQ, Proposed Section RR, Proposed Section RS, Proposed Section RT, Proposed Section RU, Proposed Section RV, Proposed Section RW, Proposed Section RX, Proposed Section RY, Proposed Section RZ, Proposed Section SA, Proposed Section SB, Proposed Section SC, Proposed Section SD, Proposed Section SE, Proposed Section SF, Proposed Section SG, Proposed Section SH, Proposed Section SI, Proposed Section SJ, Proposed Section SK, Proposed Section SL, Proposed Section SM, Proposed Section SN, Proposed Section SO, Proposed Section SP, Proposed Section SQ, Proposed Section SR, Proposed Section SS, Proposed Section ST, Proposed Section SU, Proposed Section SV, Proposed Section SW, Proposed Section SX, Proposed Section SY, Proposed Section SZ, Proposed Section TA, Proposed Section TB, Proposed Section TC, Proposed Section TD, Proposed Section TE, Proposed Section TF, Proposed Section TG, Proposed Section TH, Proposed Section TI, Proposed Section TJ, Proposed Section TK, Proposed Section TL, Proposed Section TM, Proposed Section TN, Proposed Section TO, Proposed Section TP, Proposed Section TQ, Proposed Section TR, Proposed Section TS, Proposed Section TU, Proposed Section TV, Proposed Section TW, Proposed Section TX, Proposed Section TY, Proposed Section TZ, Proposed Section UA, Proposed Section UB, Proposed Section UC, Proposed Section UD, Proposed Section UE, Proposed Section UF, Proposed Section UG, Proposed Section UH, Proposed Section UI, Proposed Section UJ, Proposed Section UK, Proposed Section UL, Proposed Section UM, Proposed Section UN, Proposed Section UO, Proposed Section UP, Proposed Section UQ, Proposed Section UR, Proposed Section US, Proposed Section UT, Proposed Section UV, Proposed Section UW, Proposed Section UX, Proposed Section UY, Proposed Section UZ, Proposed Section VA, Proposed Section VB, Proposed Section VC, Proposed Section VD, Proposed Section VE, Proposed Section VF, Proposed Section VG, Proposed Section VH, Proposed Section VI, Proposed Section VJ, Proposed Section VK, Proposed Section VL, Proposed Section VM, Proposed Section VN, Proposed Section VO, Proposed Section VP, Proposed Section VQ, Proposed Section VR, Proposed Section VS, Proposed Section VT, Proposed Section VU, Proposed Section VV, Proposed Section VW, Proposed Section VX, Proposed Section VY, Proposed Section VZ, Proposed Section WA, Proposed Section WB, Proposed Section WC, Proposed Section WD, Proposed Section WE, Proposed Section WF, Proposed Section WG, Proposed Section WH, Proposed Section WI, Proposed Section WJ, Proposed Section WK, Proposed Section WL, Proposed Section WM, Proposed Section WN, Proposed Section WO, Proposed Section WP, Proposed Section WQ, Proposed Section WR, Proposed Section WS, Proposed Section WT, Proposed Section WU, Proposed Section WV, Proposed Section WX, Proposed Section WY, Proposed Section WZ, Proposed Section XA, Proposed Section XB, Proposed Section XC, Proposed Section XD, Proposed Section XE, Proposed Section XF, Proposed Section XG, Proposed Section XH, Proposed Section XI, Proposed Section XJ, Proposed Section XK, Proposed Section XL, Proposed Section XM, Proposed Section XN, Proposed Section XO, Proposed Section XP, Proposed Section XQ, Proposed Section XR, Proposed Section XS, Proposed Section XT, Proposed Section XU, Proposed Section XV, Proposed Section XW, Proposed Section XX, Proposed Section XY, Proposed Section XZ, Proposed Section YA, Proposed Section YB, Proposed Section YC, Proposed Section YD, Proposed Section YE, Proposed Section YF, Proposed Section YG, Proposed Section YH, Proposed Section YI, Proposed Section YJ, Proposed Section YK, Proposed Section YL, Proposed Section YM, Proposed Section YN, Proposed Section YO, Proposed Section YP, Proposed Section YQ, Proposed Section YR, Proposed Section YS, Proposed Section YT, Proposed Section YU, Proposed Section YV, Proposed Section YW, Proposed Section YX, Proposed Section YY, Proposed Section YZ, Proposed Section ZA, Proposed Section ZB, Proposed Section ZC, Proposed Section ZD, Proposed Section ZE, Proposed Section ZF, Proposed Section ZG, Proposed Section ZH, Proposed Section ZI, Proposed Section ZJ, Proposed Section ZK, Proposed Section ZL, Proposed Section ZM, Proposed Section ZN, Proposed Section ZO, Proposed Section ZP, Proposed Section ZQ, Proposed Section ZR, Proposed Section ZS, Proposed Section ZT, Proposed Section ZU, Proposed Section ZV, Proposed Section ZW, Proposed Section ZX, Proposed Section ZY, Proposed Section ZZ.

Summary Page

**6 Passingham Walk,
PO8 8JH**

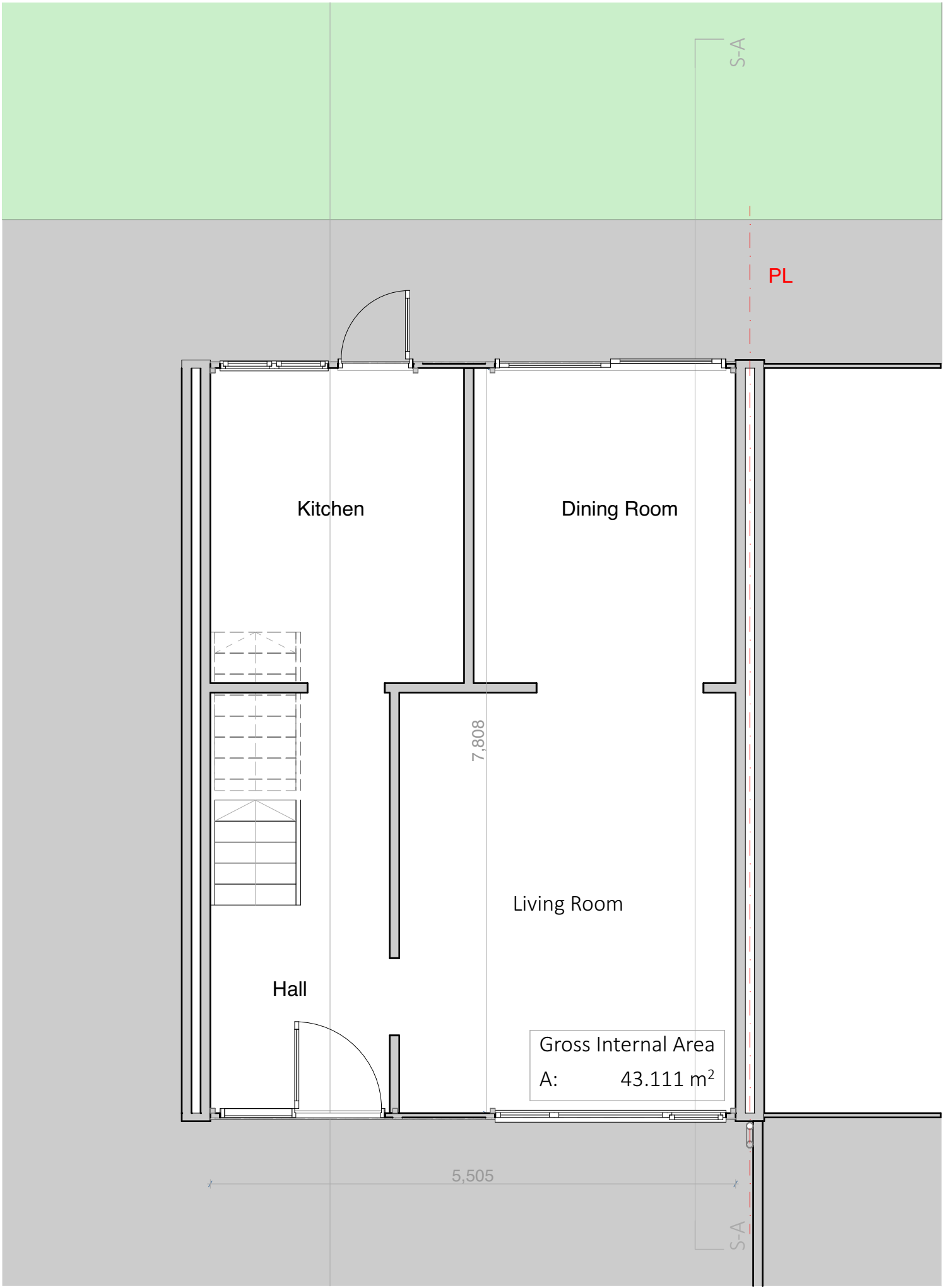


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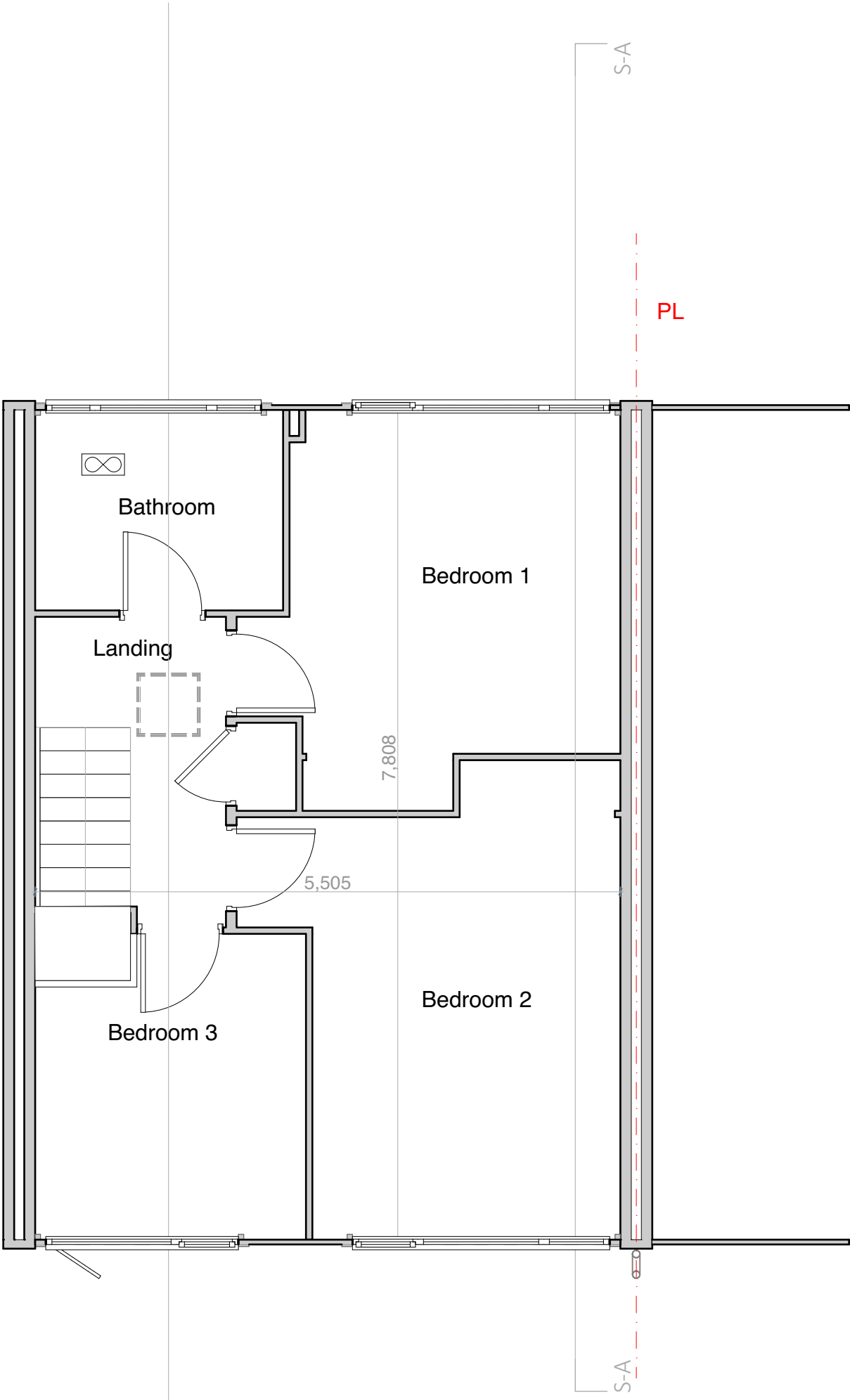
7083 -CTS- 20 -000.06 - -A-4605

Revision

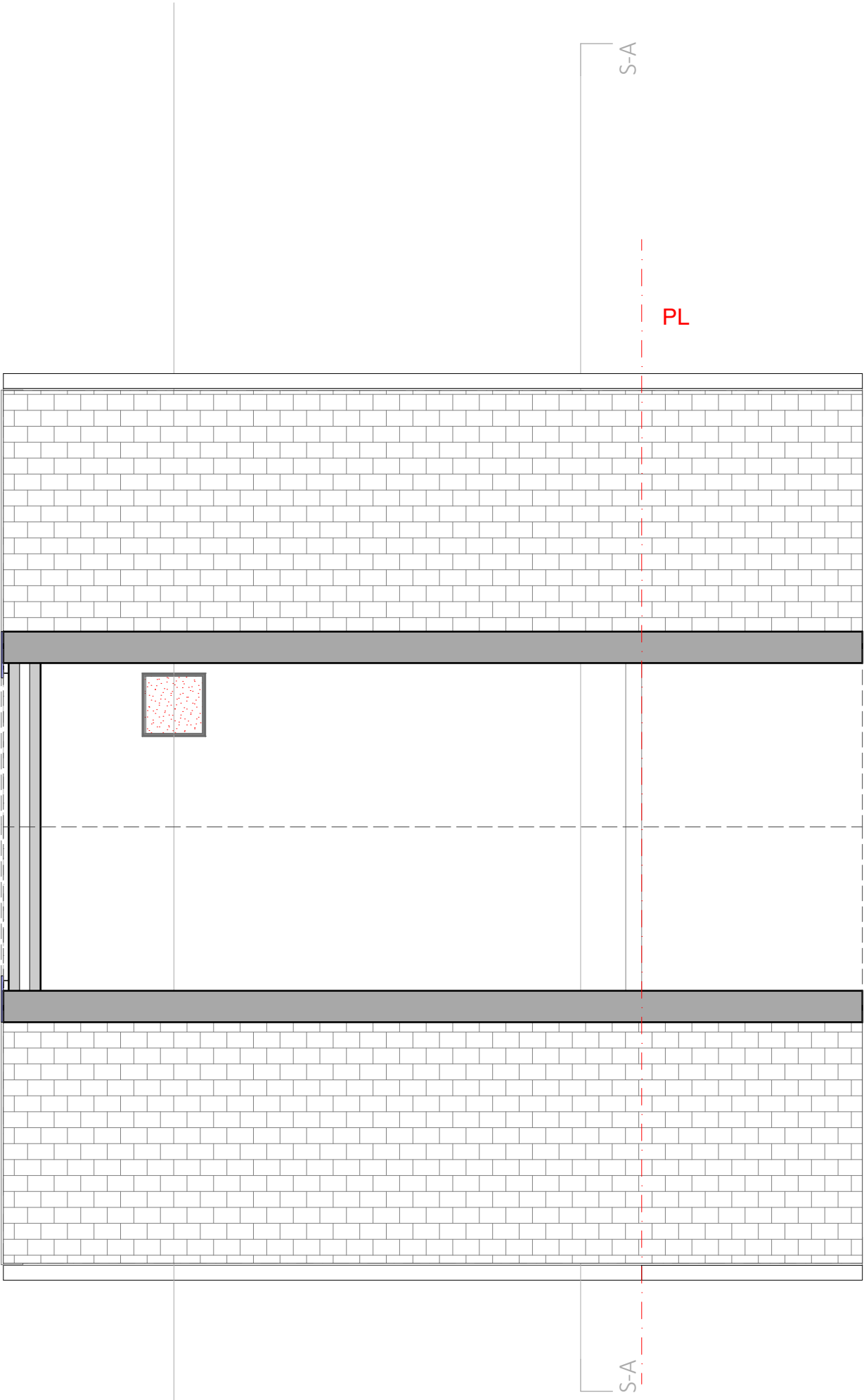
01



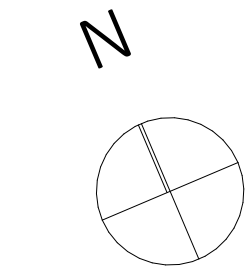
03 Existing GF Ground Floor 1:50



04 Existing 01 First Floor 1:50



05 Existing RF Eaves Level 1:50



RISKS OUTLINED IN RETROFIT ASSESSMENT

EXISTING

A1

Scales
1:50

Constructive Thinking Studio
Liverpool Science Park IC 1
131 Mount Pleasant
L3 5TF

www.constructivethinking.co.uk
+44 (0) 151 705 3433
bim@constructivethinking.co.uk

Safety Health and
Environmental Information

In addition to the hazard/risks normally associated with the types of work detailed on this drawing take note of the below. It is assumed that all works on this drawing will be carried out by a competent contractor working, where appropriate, to an appropriate method statement.

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Demolition/Adaption Risks

Risk of fragile render, existing cladding and rainwater goods collapsing. Contractor to ensure operatives wear PPE and carry out works carefully. For Further information see Risk Register.

Construction Risks

Risk of injury to operatives through working from height, tripping hazards, etc. Care to be taken while working on site and appropriate PPE to be worn. For further information see Risk Register.

Maintenance/Cleaning Risks

Cleaning windows from height. Appropriate equipment to be used. PPE to be worn. For Further information see Risk Register.

Revision	Date	Modeled By	Checked By
	08/08/2025	WJ	LFS

Client TGP

Project TGP Portsmouth

Status Stage Approval Subject to Building Control - A1 -

Drawings Existing R1 Roof Level, Existing GF Ground Floor, Existing 01 First Floor, Existing RF Eaves Level

File 17 Chaucer Close_(AC28)

Existing Floor Plans

6 Passingham Walk,
PO8 8JH



Drawing Number

7083 -CTS- 20 -000.06 -D-A-4606

Revision

01

CONSTRUCTIVE
THINKING

Revision	Date	Modeled By	Checked By
	08/08/2025	WJ	LFS

Client **TGP**

Project **TGP Portsmouth**

Status **Stage Approval Subject to Building Control - A1 -**

Drawings Existing Right Side Elevation, Existing Left Side Elevation, Existing Front Elevation, Existing Rear Elevation, Existing Building Section B, Elevations Legend Alt 2

File 17 Chaucer Close_(AC28)

Existing Elevations

**6 Passingham Walk,
PO8 8JH**



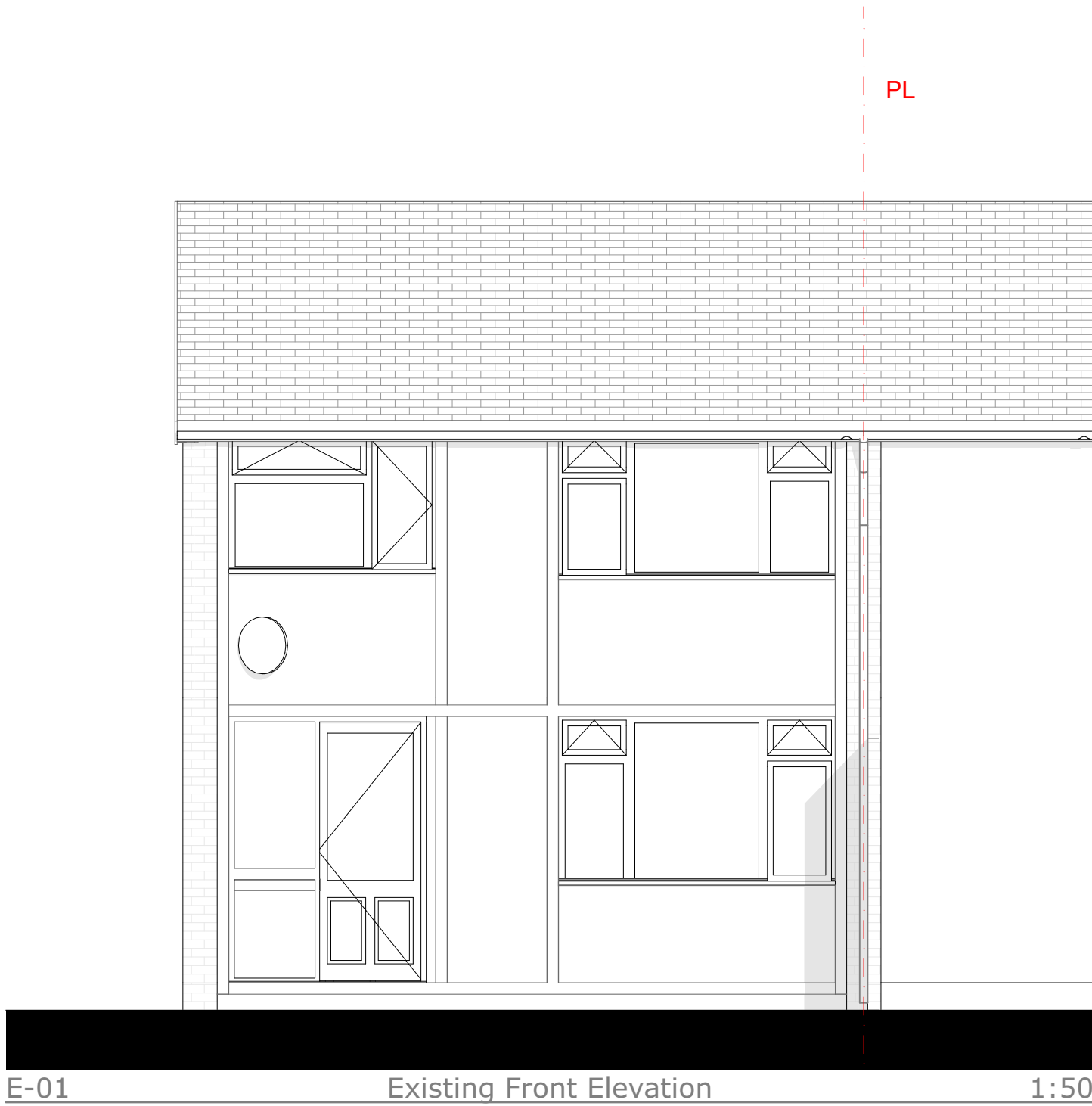
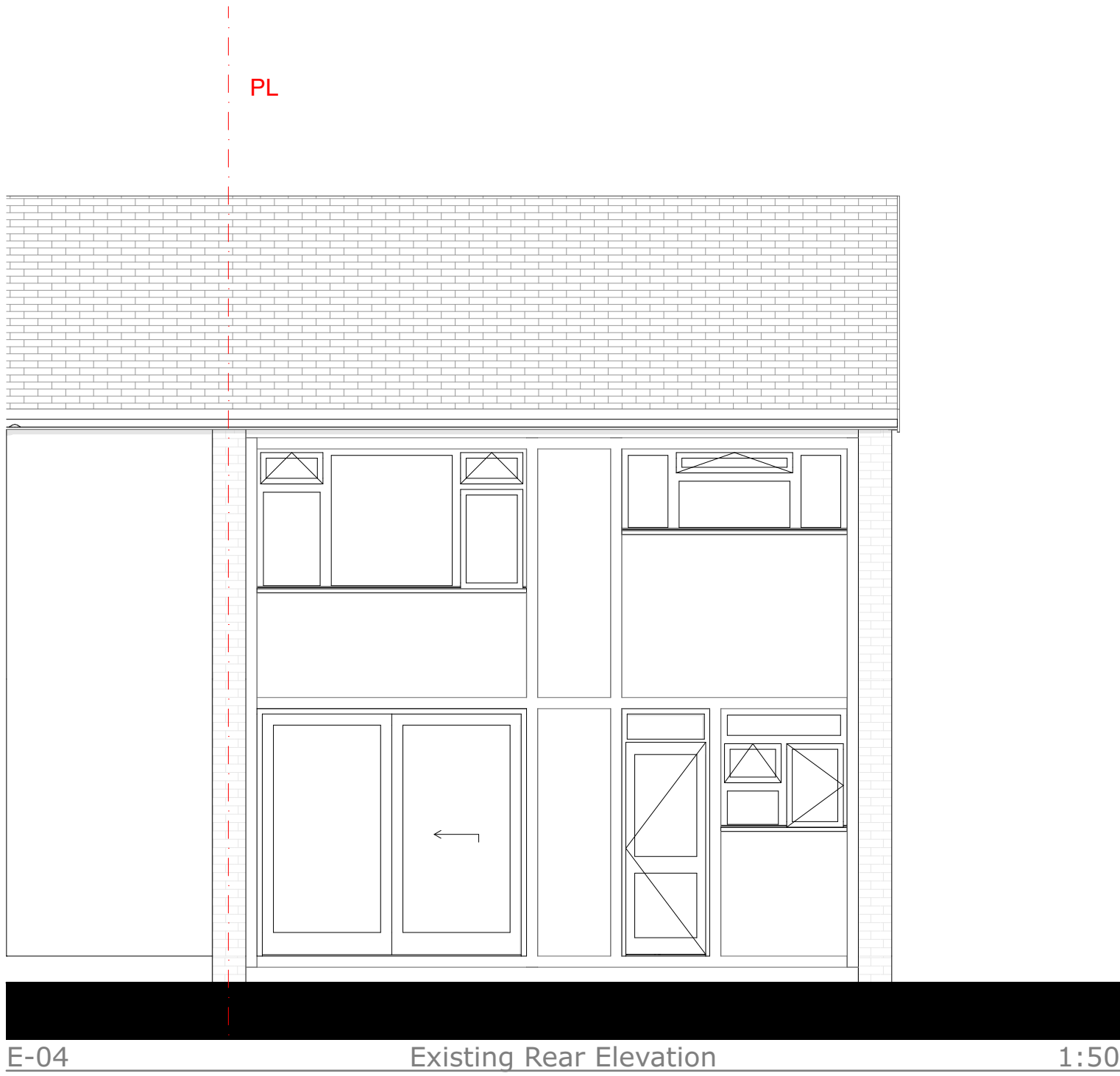
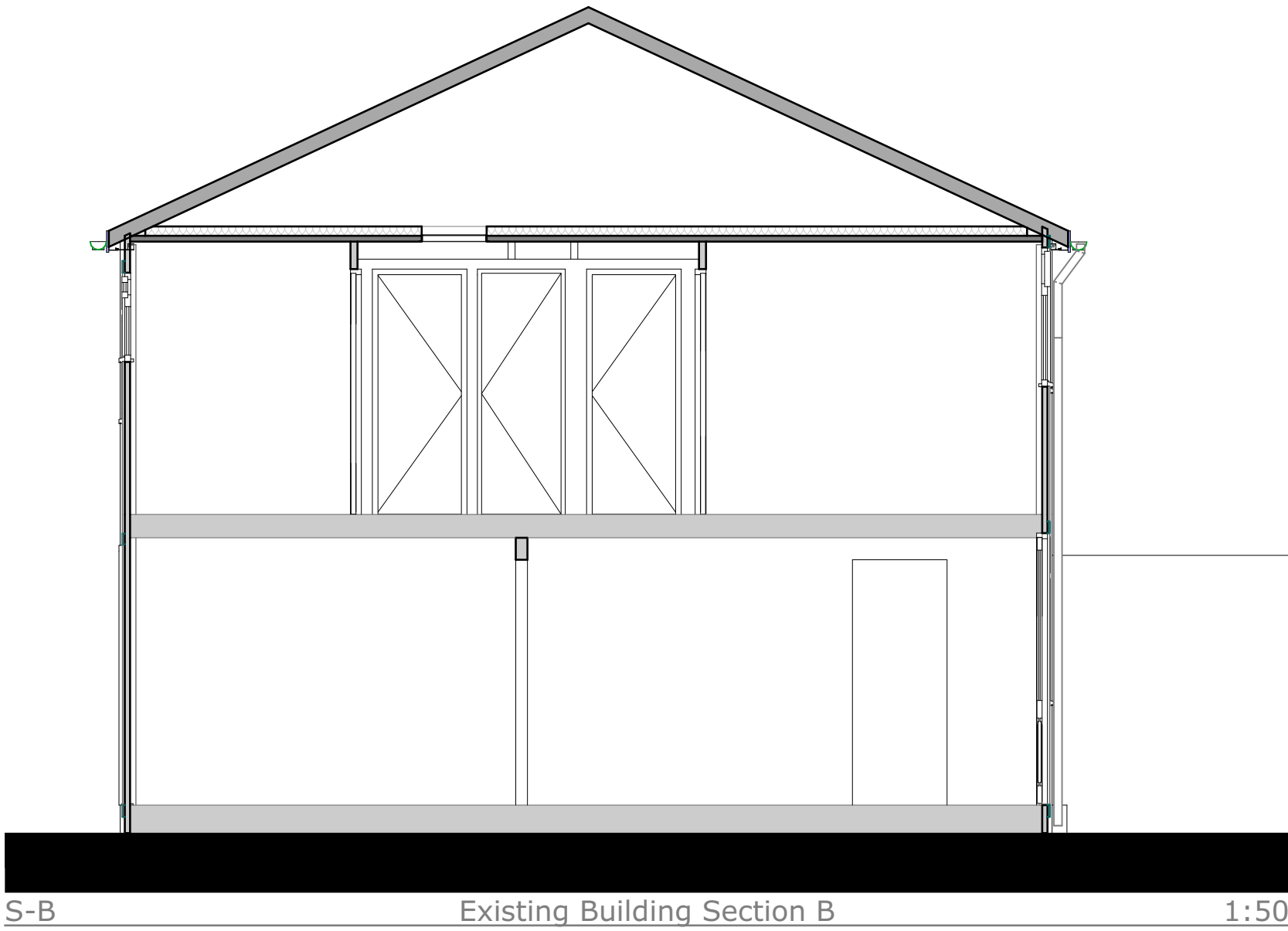
Drawing Number

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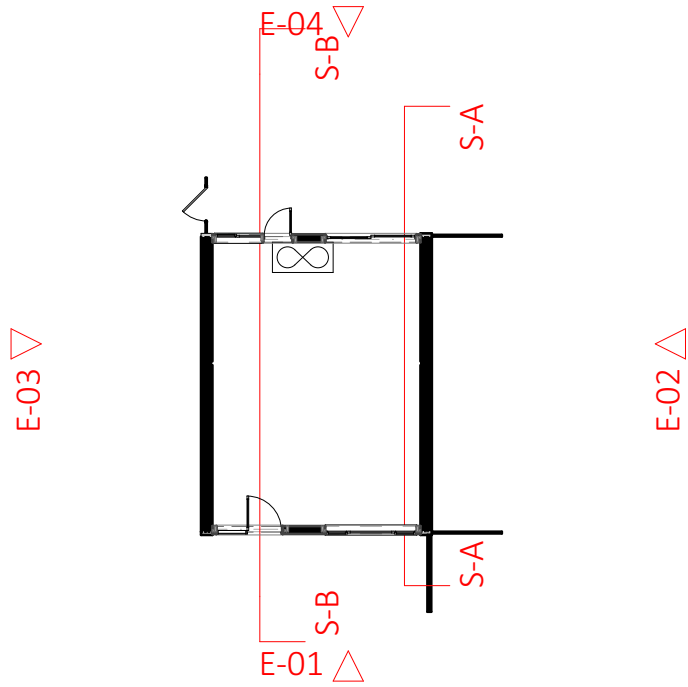
Revision

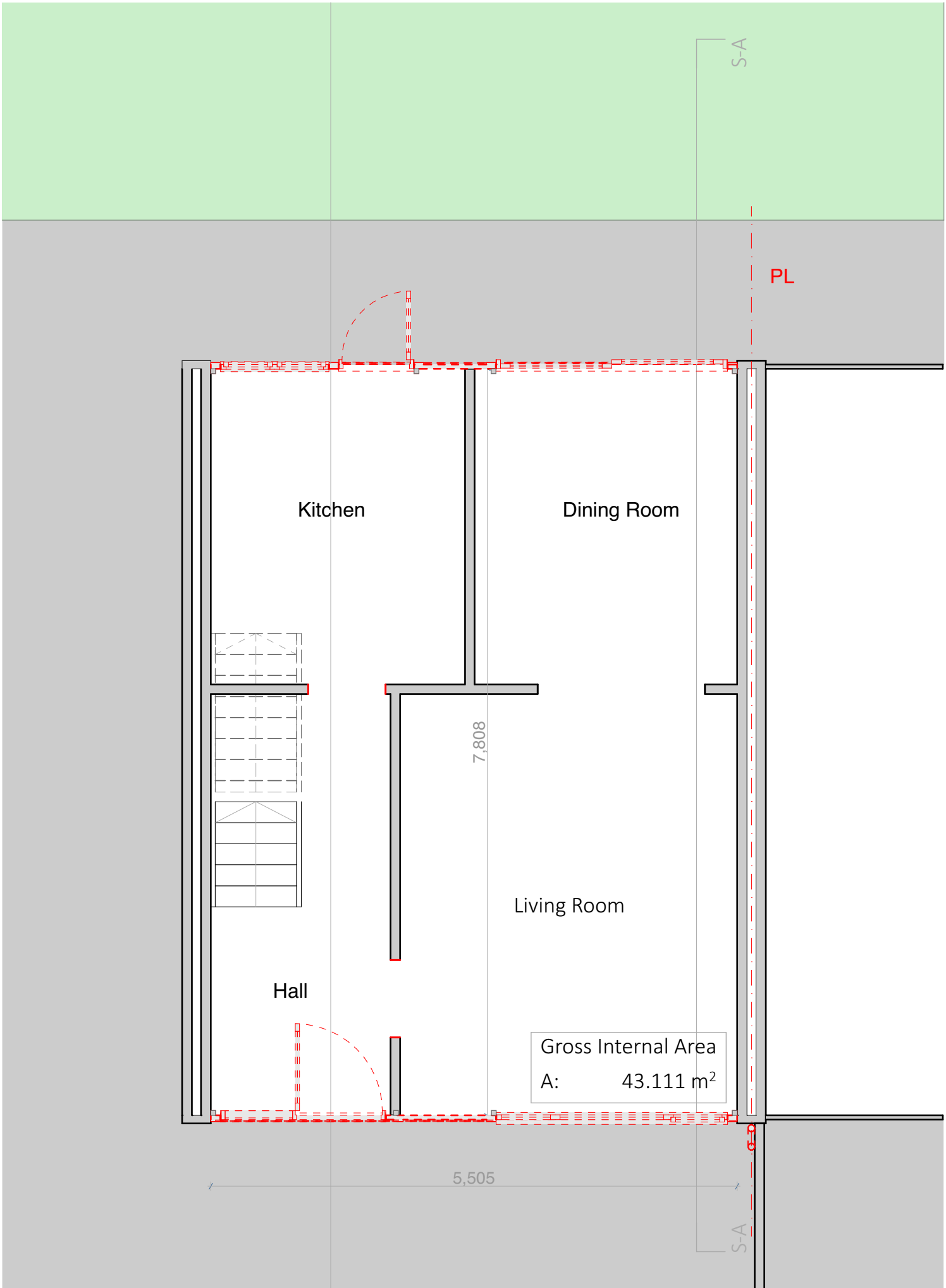
01

CONSTRUCTIVE
THINKING

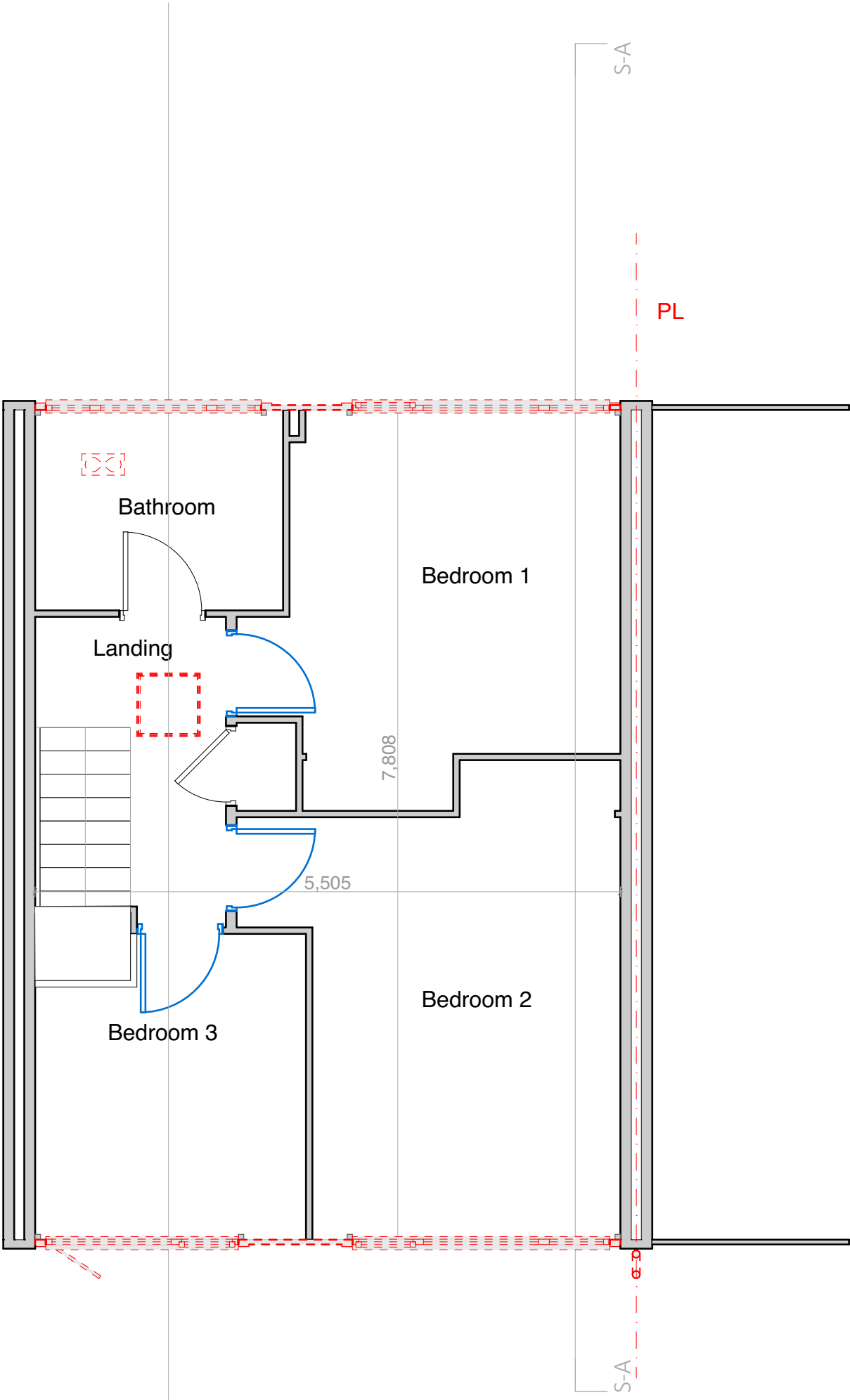


RISKS OUTLINED IN RETROFIT ASSESSMENT

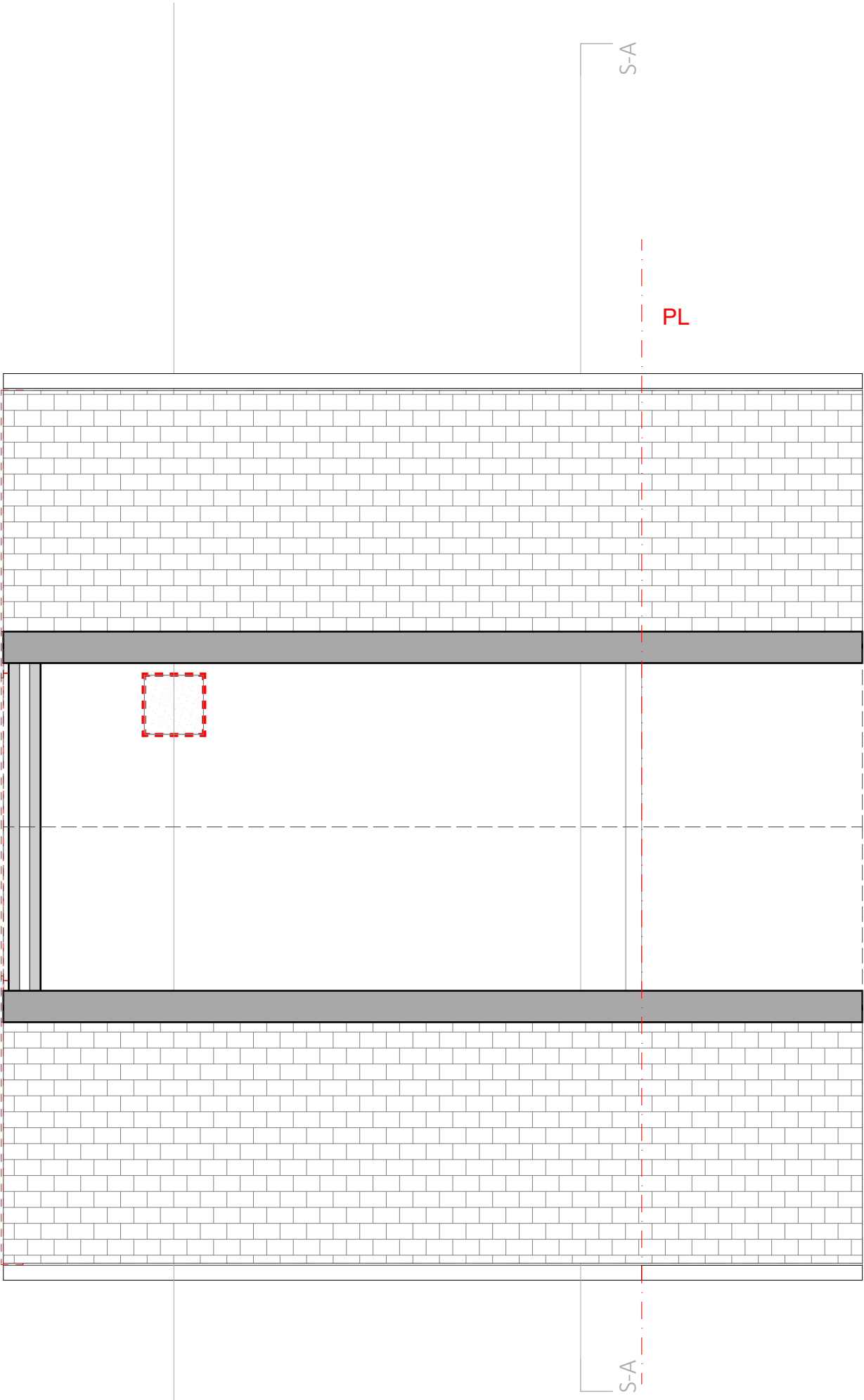




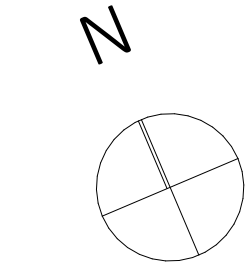
03 Enabling GF Ground Floor 1:50



04 Enabling 01 First Floor 1:50



05 Enabling RF Eaves Level 1:50



NOTE
ALL DOOR UNDERCUT REQUIREMENTS AS PER CONDITION REPORT FINDINGS, TO BE CONFIRMED AND PHOTOGRAPHED DURING WORKS TO ENSURE COMPLIANCE

Door ID	Room	Existing Undercut	Undercut Required
INT-01	Kitchen	Adequate	☐
INT-01	Hall	Not Adequate	☒
INT-02	Hall	Adequate	☐
INT-02	Living Room	Not Adequate	☒
INT-03	Living Room	Not Adequate	☒
INT-04	Bedroom 3	Not Adequate	☒
INT-06	Bedroom 1	Not Adequate	☒
INT-07	Bathroom	Adequate	☐

- To Be Demolished
- Door Undercuts To Be Executed

ENABLING

- 1

Ventilation Strategy Preparation

- Remove existing kitchen and bathroom extract fans: ensure 110mm clear core drill aperture and existing fuse spur is adequate for new dMEV fan
 - Ventilation of kitchen appliances and open flue items where agreed to be retained and insulated
 - New rigid ducting/sleeve to be installed for dMEV, mitigating deformation
 - All air bricks above DPC and below roof insulation to be filled.
 - Trickle vents to be removed from existing kitchen/bathroom window
- 2

Roof and Loft Preparation

- Existing gutters, soffits and fascia's to be assessed for degradation, replace where required
 - Remove personal items and debris from the loft space
 - Loose cabling to be secured underneath loft insulation/ to the back face of the ceiling board
 - Remove existing loft hatch
- 4

Wall Preparation for EWI Areas

- Remove all trellis or greenery on external walls
 - Remove outside lights and associated fixtures, install new lights upon completion
 - Remove any satellite dishes or aerials, work to be carried out in conjunction with service providers, replace upon completion
 - Remove existing porch canopy
 - Remove, retain, and replace handrail to step, replace upon completion
 - Remove RWP's; ensuring 200mm offset from wall, swan neck connection where pipes terminates below ground, adhering to EWI manufacturer's and CTS Detail Pack
 - Extend 40mm wastewater pipes and overflows
 - Remove garden tap, extend copper pipe, replace upon completion or install new outside tap where one is not present
 - Remove kitchen and bathroom extract fans: ensure 110mm clear core drill aperture and existing fuse spur is adequate for new dMEV fan
 - If gas meter box is present retain, refer to EWI manufacturers details
 - All Airbricks above DPC to be filled, ventilation of kitchen appliances to be retained and insulated
- 8

Site Preparation

- Remove or cutback fences/gates, replace upon completion
 - Works to external steps to be agreed with TGP, where applicable

ENABLING

A1

Scales
1:50

Constructive Thinking Studio
Liverpool Science Park IC 1
131 Mount Pleasant
L3 5TF

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+44 (0) 151 705 3433
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Safety Health and
Environmental Information

In addition to the hazard/risks normally associated with the types of work detailed on this drawing take note of the below. It is assumed that all works on this drawing will be carried out by a competent contractor working, where appropriate, to an appropriate method statement.

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Demolition/Adaption Risks

Risk of fragile render, existing cladding and rainwater goods collapsing. Contractor to ensure operatives wear PPE and carry out works carefully. For Further information see Risk Register.

Construction Risks

Risk of injury to operatives through working from height, tripping hazards, etc. Care to be taken while working on site and appropriate PPE to be worn. For further information see Risk Register.

Maintenance/Cleaning Risks

Cleaning windows from height. Appropriate equipment to be used. PPE to be worn. For Further information see Risk Register.

Revision	Date	Modeled By	Checked By
	08/08/2025	WJ	LFS

Client

TGP

Project

TGP Portsmouth

Status

Stage Approval Subject to Building Control - A1 -

Drawings: Enabling R1 Roof Level, Enabling GF Ground Floor, Enabling 01 First Floor, Enabling RF Eaves Level, Existing GF Ground Floor, Door Undercuts

File

17 Chaucer Close_(AC28)

Enabling Floor Plans

6 Passingham Walk,
PO8 8JH



Drawing Number

7083 -CTS- 20 -000.06 -D-A-4608

Revision

01

Revision	Date	Modeled By	Checked By
	08/08/2025	WJ	LFS

Client

TGP

Project

TGP Portsmouth

Status

Stage Approval Subject to Building Control - A1 -

Drawings

Enabling Right Side Elevation, Enabling Left Side Elevation, Enabling Front Elevation, Enabling Rear Elevation, Enabling Building Section B, Elevations Legend A1:2

File

17 Chaucer Close_(AC28)

Enabling Elevations

6 Passingham Walk,
PO8 8JH

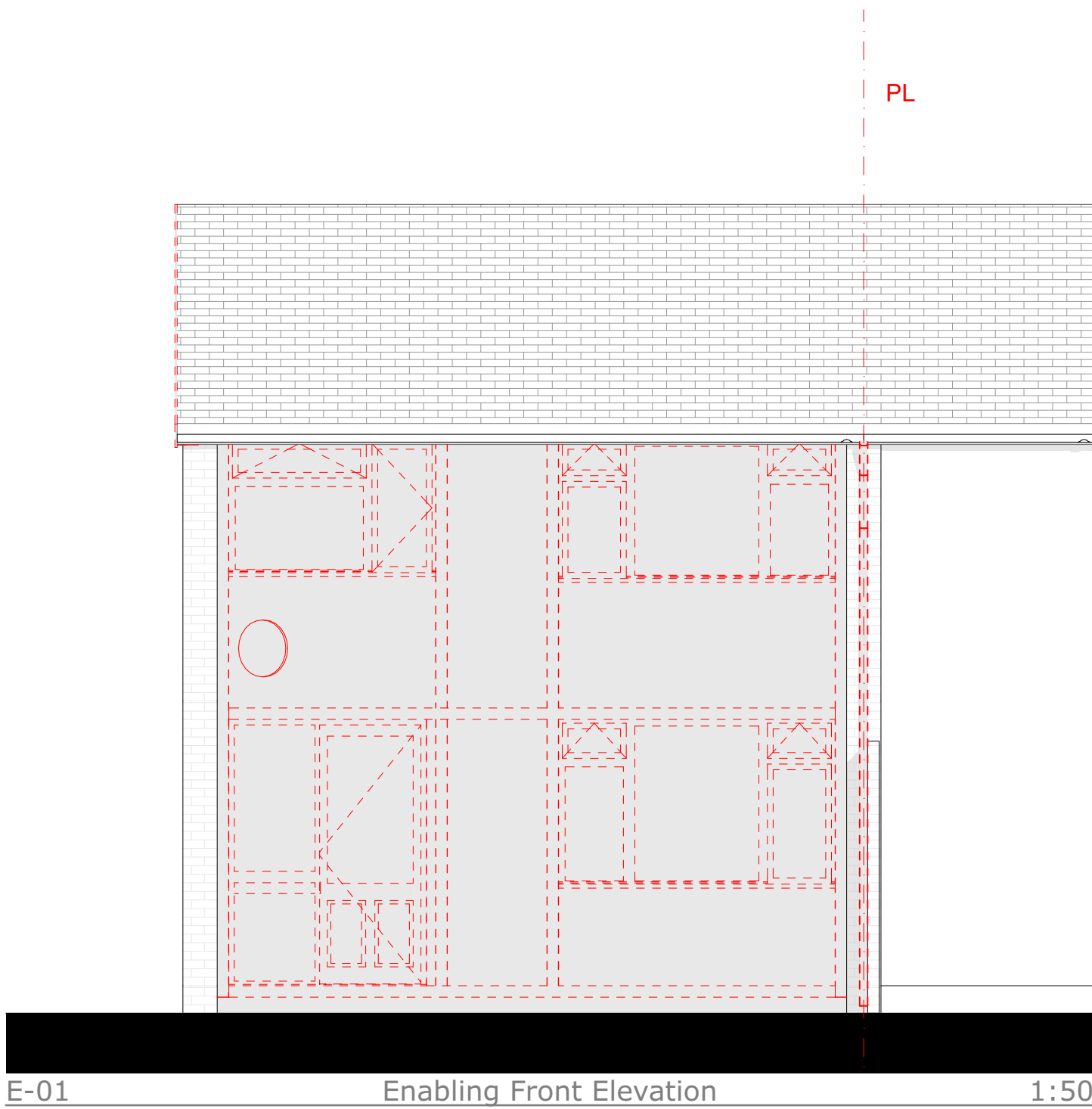
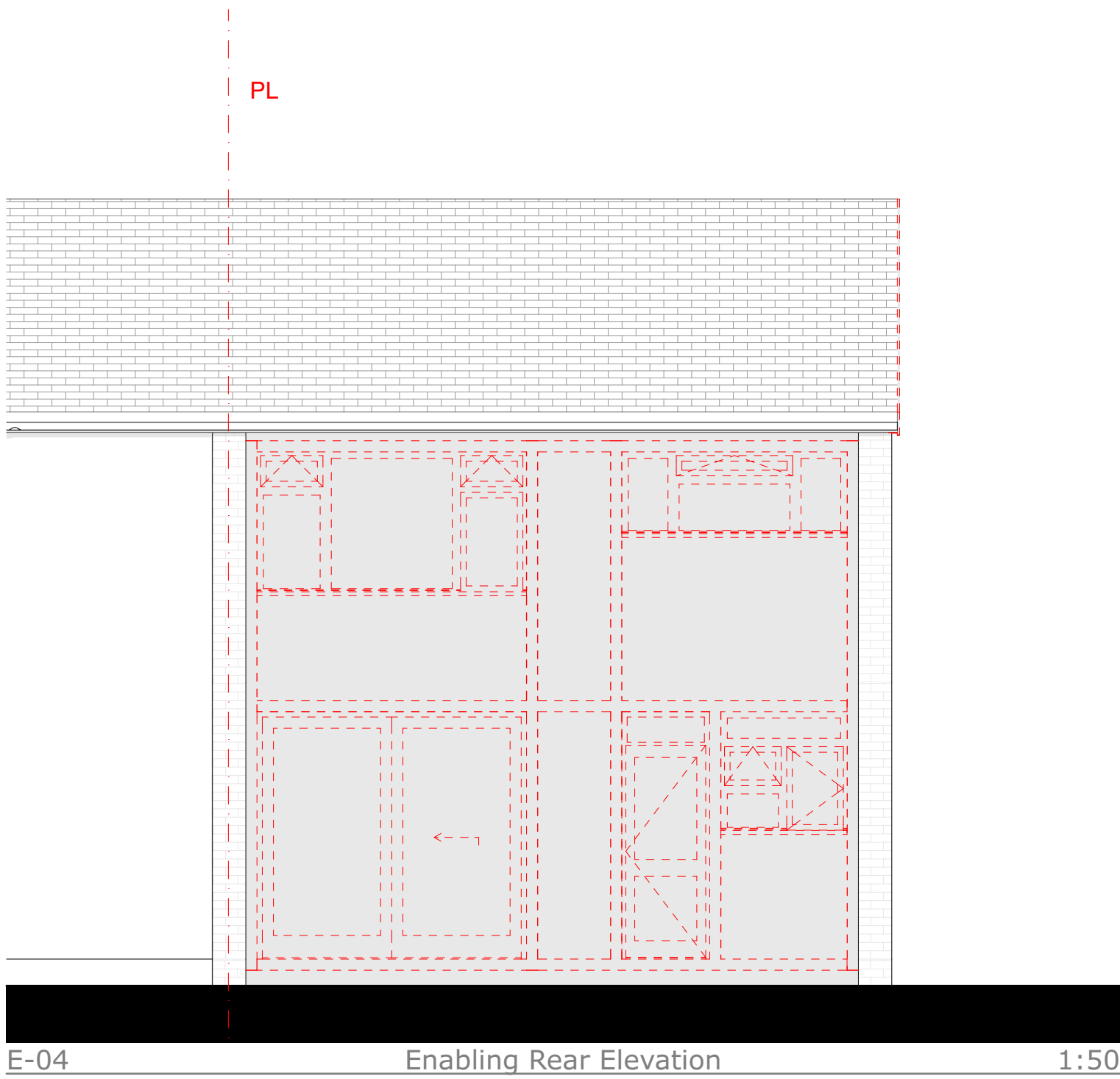
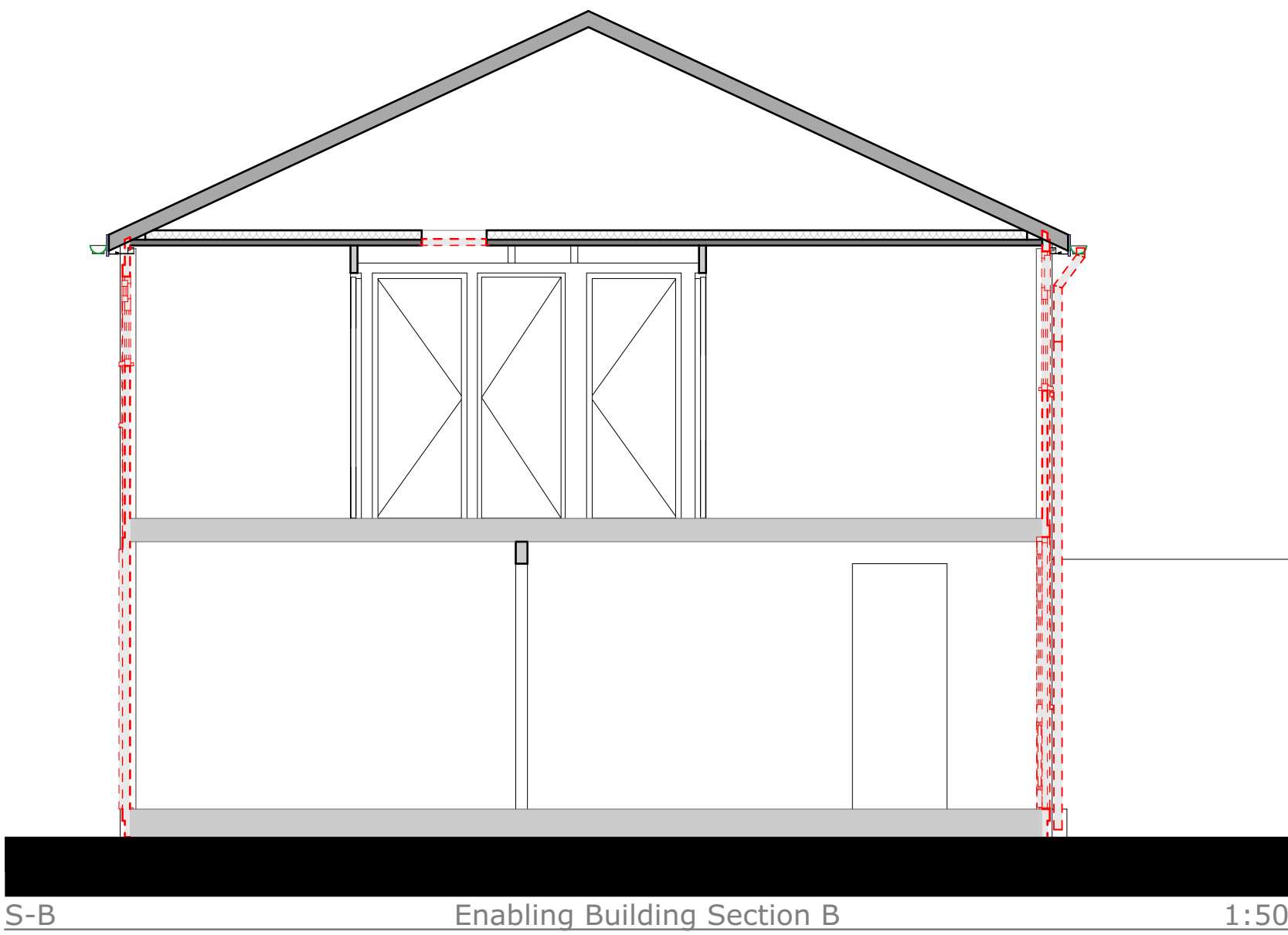
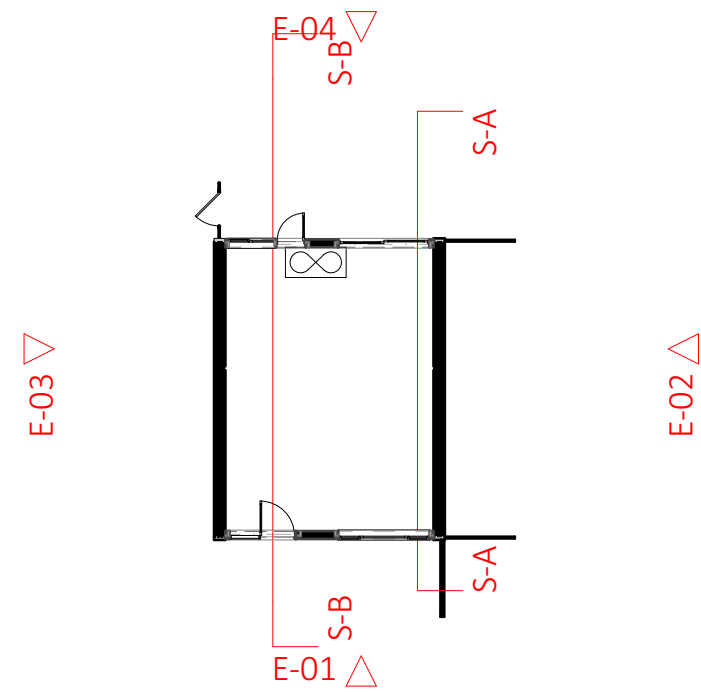


Drawing Number

7083 -CTS- 20 -000.06 -D-A-4609

Revision

01

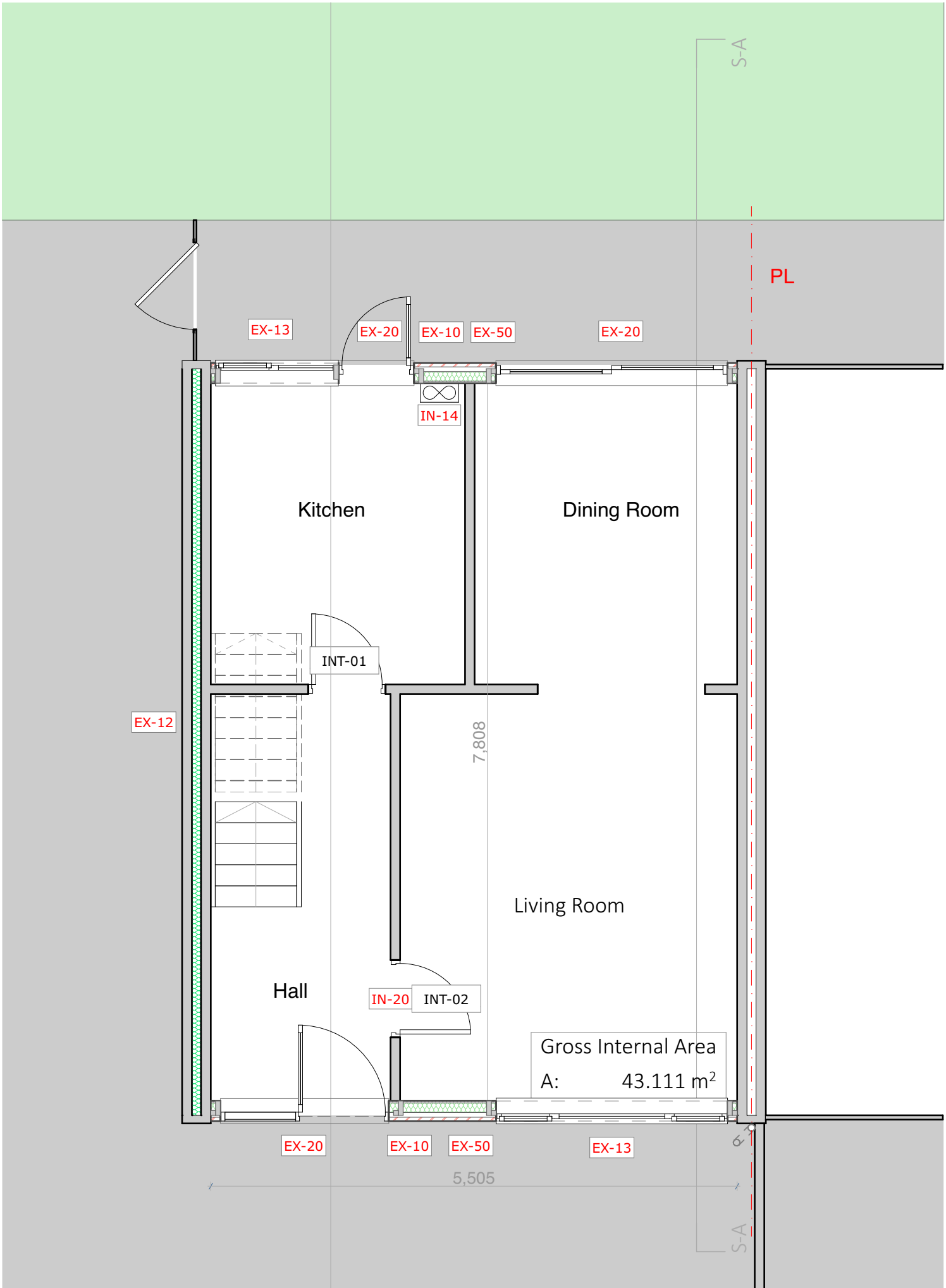


NOTE
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ENABLING

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03 Proposed GF Ground Floor 1:50

04 Proposed 01 First Floor 1:50

05 Proposed RF Eaves Level 1:50

06 Proposed 02 Second Floor 1:50

07 Proposed 03 Third Floor 1:50

08 Proposed 04 Fourth Floor 1:50

09 Proposed 05 Fifth Floor 1:50

10 Proposed 06 Sixth Floor 1:50

11 Proposed 07 Seventh Floor 1:50

12 Proposed 08 Eighth Floor 1:50

13 Proposed 09 Ninth Floor 1:50

14 Proposed 10 Tenth Floor 1:50

15 Proposed 11 Eleventh Floor 1:50

16 Proposed 12 Twelfth Floor 1:50

17 Proposed 13 Thirteenth Floor 1:50

18 Proposed 14 Fourteenth Floor 1:50

19 Proposed 15 Fifteenth Floor 1:50

20 Proposed 16 Sixteenth Floor 1:50

21 Proposed 17 Seventeenth Floor 1:50

22 Proposed 18 Eighteenth Floor 1:50

23 Proposed 19 Nineteenth Floor 1:50

24 Proposed 20 Twentieth Floor 1:50

25 Proposed 21 Twenty-first Floor 1:50

26 Proposed 22 Twenty-second Floor 1:50

27 Proposed 23 Twenty-third Floor 1:50

28 Proposed 24 Twenty-fourth Floor 1:50

29 Proposed 25 Twenty-fifth Floor 1:50

30 Proposed 26 Twenty-sixth Floor 1:50

31 Proposed 27 Twenty-seventh Floor 1:50

32 Proposed 28 Twenty-eighth Floor 1:50

33 Proposed 29 Twenty-ninth Floor 1:50

34 Proposed 30 Thirtieth Floor 1:50

35 Proposed 31 Thirty-first Floor 1:50

36 Proposed 32 Thirty-second Floor 1:50

37 Proposed 33 Thirty-third Floor 1:50

38 Proposed 34 Thirty-fourth Floor 1:50

39 Proposed 35 Thirty-fifth Floor 1:50

40 Proposed 36 Thirty-sixth Floor 1:50

41 Proposed 37 Thirty-seventh Floor 1:50

42 Proposed 38 Thirty-eighth Floor 1:50

43 Proposed 39 Thirty-ninth Floor 1:50

44 Proposed 40 Fortieth Floor 1:50

45 Proposed 41 Forty-first Floor 1:50

46 Proposed 42 Forty-second Floor 1:50

47 Proposed 43 Forty-third Floor 1:50

48 Proposed 44 Forty-fourth Floor 1:50

49 Proposed 45 Forty-fifth Floor 1:50

50 Proposed 46 Forty-sixth Floor 1:50

51 Proposed 47 Forty-seventh Floor 1:50

52 Proposed 48 Forty-eighth Floor 1:50

53 Proposed 49 Forty-ninth Floor 1:50

54 Proposed 50 Fiftieth Floor 1:50

55 Proposed 51 Fifty-first Floor 1:50

56 Proposed 52 Fifty-second Floor 1:50

57 Proposed 53 Fifty-third Floor 1:50

58 Proposed 54 Fifty-fourth Floor 1:50

59 Proposed 55 Fifty-fifth Floor 1:50

60 Proposed 56 Fifty-sixth Floor 1:50

61 Proposed 57 Fifty-seventh Floor 1:50

62 Proposed 58 Fifty-eighth Floor 1:50

63 Proposed 59 Fifty-ninth Floor 1:50

64 Proposed 60 Sixtieth Floor 1:50

65 Proposed 61 Sixty-first Floor 1:50

66 Proposed 62 Sixty-second Floor 1:50

67 Proposed 63 Sixty-third Floor 1:50

68 Proposed 64 Sixty-fourth Floor 1:50

69 Proposed 65 Sixty-fifth Floor 1:50

70 Proposed 66 Sixty-sixth Floor 1:50

71 Proposed 67 Sixty-seventh Floor 1:50

72 Proposed 68 Sixty-eighth Floor 1:50

73 Proposed 69 Sixty-ninth Floor 1:50

74 Proposed 70 Seventieth Floor 1:50

75 Proposed 71 Seventy-first Floor 1:50

76 Proposed 72 Seventy-second Floor 1:50

77 Proposed 73 Seventy-third Floor 1:50

78 Proposed 74 Seventy-fourth Floor 1:50

79 Proposed 75 Seventy-fifth Floor 1:50

80 Proposed 76 Seventy-sixth Floor 1:50

81 Proposed 77 Seventy-seventh Floor 1:50

82 Proposed 78 Seventy-eighth Floor 1:50

83 Proposed 79 Seventy-ninth Floor 1:50

84 Proposed 80 Eightieth Floor 1:50

85 Proposed 81 Eighty-first Floor 1:50

86 Proposed 82 Eighty-second Floor 1:50

87 Proposed 83 Eighty-third Floor 1:50

88 Proposed 84 Eighty-fourth Floor 1:50

89 Proposed 85 Eighty-fifth Floor 1:50

90 Proposed 86 Eighty-sixth Floor 1:50

91 Proposed 87 Eighty-seventh Floor 1:50

92 Proposed 88 Eighty-eighth Floor 1:50

93 Proposed 89 Eighty-ninth Floor 1:50

94 Proposed 90 Ninetieth Floor 1:50

95 Proposed 91 Ninety-first Floor 1:50

96 Proposed 92 Ninety-second Floor 1:50

97 Proposed 93 Ninety-third Floor 1:50

98 Proposed 94 Ninety-fourth Floor 1:50

99 Proposed 95 Ninety-fifth Floor 1:50

100 Proposed 96 Ninety-sixth Floor 1:50

101 Proposed 97 Ninety-seventh Floor 1:50

102 Proposed 98 Ninety-eighth Floor 1:50

103 Proposed 99 Ninety-ninth Floor 1:50

104 Proposed 100 One Hundredth Floor 1:50

105 Proposed 101 One Hundred and First Floor 1:50

106 Proposed 102 One Hundred and Second Floor 1:50

107 Proposed 103 One Hundred and Third Floor 1:50

108 Proposed 104 One Hundred and Fourth Floor 1:50

109 Proposed 105 One Hundred and Fifth Floor 1:50

110 Proposed 106 One Hundred and Sixth Floor 1:50

111 Proposed 107 One Hundred and Seventh Floor 1:50

112 Proposed 108 One Hundred and Eighth Floor 1:50

113 Proposed 109 One Hundred and Ninth Floor 1:50

114 Proposed 110 One Hundred and Tenth Floor 1:50

115 Proposed 111 One Hundred and Eleventh Floor 1:50

116 Proposed 112 One Hundred and Twelfth Floor 1:50

117 Proposed 113 One Hundred and Thirteenth Floor 1:50

118 Proposed 114 One Hundred and Fourteenth Floor 1:50

119 Proposed 115 One Hundred and Fifteenth Floor 1:50

120 Proposed 116 One Hundred and Sixteenth Floor 1:50

121 Proposed 117 One Hundred and Seventeenth Floor 1:50

122 Proposed 118 One Hundred and Eighteenth Floor 1:50

123 Proposed 119 One Hundred and Nineteenth Floor 1:50

124 Proposed 120 One Hundred and Twentieth Floor 1:50

125 Proposed 121 One Hundred and Twenty-first Floor 1:50

126 Proposed 122 One Hundred and Twenty-second Floor 1:50

127 Proposed 123 One Hundred and Twenty-third Floor 1:50

128 Proposed 124 One Hundred and Twenty-fourth Floor 1:50

129 Proposed 125 One Hundred and Twenty-fifth Floor 1:50

130 Proposed 126 One Hundred and Twenty-sixth Floor 1:50

131 Proposed 127 One Hundred and Twenty-seventh Floor 1:50

132 Proposed 128 One Hundred and Twenty-eighth Floor 1:50

133 Proposed 129 One Hundred and Twenty-ninth Floor 1:50

134 Proposed 130 One Hundred and Thirtieth Floor 1:50

135 Proposed 131 One Hundred and Thirty-first Floor 1:50

136 Proposed 132 One Hundred and Thirty-second Floor 1:50

137 Proposed 133 One Hundred and Thirty-third Floor 1:50

138 Proposed 134 One Hundred and Thirty-fourth Floor 1:50

139 Proposed 135 One Hundred and Thirty-fifth Floor 1:50

140 Proposed 136 One Hundred and Thirty-sixth Floor 1:50

141 Proposed 137 One Hundred and Thirty-seventh Floor 1:50

142 Proposed 138 One Hundred and Thirty-eighth Floor 1:50

143 Proposed 139 One Hundred and Thirty-ninth Floor 1:50

144 Proposed 140 One Hundred and Fortieth Floor 1:50

145 Proposed 141 One Hundred and Forty-first Floor 1:50

146 Proposed 142 One Hundred and Forty-second Floor 1:50

147 Proposed 143 One Hundred and Forty-third Floor 1:50

148 Proposed 144 One Hundred and Forty-fourth Floor 1:50

149 Proposed 145 One Hundred and Forty-fifth Floor 1:50

150 Proposed 146 One Hundred and Forty-sixth Floor 1:50

151 Proposed 147 One Hundred and Forty-seventh Floor 1:50

152 Proposed 148 One Hundred and Forty-eighth Floor 1:50

153 Proposed 149 One Hundred and Forty-ninth Floor 1:50

154 Proposed 150 One Hundred and Fiftieth Floor 1:50

155 Proposed 151 One Hundred and Fifty-first Floor 1:50

156 Proposed 152 One Hundred and Fifty-second Floor 1:50

157 Proposed 153 One Hundred and Fifty-third Floor 1:50

158 Proposed 154 One Hundred and Fifty-fourth Floor 1:50

159 Proposed 155 One Hundred and Fifty-fifth Floor 1:50

160 Proposed 156 One Hundred and Fifty-sixth Floor 1:50

161 Proposed 157 One Hundred and Fifty-seventh Floor 1:50

162 Proposed 158 One Hundred and Fifty-eighth Floor 1:50

163 Proposed 159 One Hundred and Fifty-ninth Floor 1:50

164 Proposed 160 One Hundred and Sixtieth Floor 1:50

165 Proposed 161 One Hundred and Sixty-first Floor 1:50

166 Proposed 162 One Hundred and Sixty-second Floor 1:50

167 Proposed 163 One Hundred and Sixty-third Floor 1:50

168 Proposed 164 One Hundred and Sixty-fourth Floor 1:50

169 Proposed 165 One Hundred and Sixty-fifth Floor 1:50

170 Proposed 166 One Hundred and Sixty-sixth Floor 1:50

171 Proposed 167 One Hundred and Sixty-seventh Floor 1:50

172 Proposed 168 One Hundred and Sixty-eighth Floor 1:50

173 Proposed 169 One Hundred and Sixty-ninth Floor 1:50

174 Proposed 170 One Hundred and Seventieth Floor 1:50

175 Proposed 171 One Hundred and Seventy-first Floor 1:50

176 Proposed 172 One Hundred and Seventy-second Floor 1:50

177 Proposed 173 One Hundred and Seventy-third Floor 1:50

178 Proposed 174 One Hundred and Seventy-fourth Floor 1:50

179 Proposed 175 One Hundred and Seventy-fifth Floor 1:50

180 Proposed 176 One Hundred and Seventy-sixth Floor 1:50

181 Proposed 177 One Hundred and Seventy-seventh Floor 1:50

182 Proposed 178 One Hundred and Seventy-eighth Floor 1:50

183 Proposed 179 One Hundred and Seventy-ninth Floor 1:50

184 Proposed 180 One Hundred and Eightieth Floor 1:50

185 Proposed 181 One Hundred and Eighty-first Floor 1:50

186 Proposed 182 One Hundred and Eighty-second Floor 1:50

187 Proposed 183 One Hundred and Eighty-third Floor 1:50

188 Proposed 184 One Hundred and Eighty-fourth Floor 1:50

189 Proposed 185 One Hundred and Eighty-fifth Floor 1:50

190 Proposed 186 One Hundred and Eighty-sixth Floor 1:50

191 Proposed 187 One Hundred and Eighty-seventh Floor 1:50

192 Proposed 188 One Hundred and Eighty-eighth Floor 1:50

193 Proposed 189 One Hundred and Eighty-ninth Floor 1:50

194 Proposed 190 One Hundred and Ninetieth Floor 1:50

195 Proposed 191 One Hundred and Ninety-first Floor 1:50

196 Proposed 192 One Hundred and Ninety-second Floor 1:50

197 Proposed 193 One Hundred and Ninety-third Floor 1:50

198 Proposed 194 One Hundred and Ninety-fourth Floor 1:50

199 Proposed 195 One Hundred and Ninety-fifth Floor 1:50

200 Proposed 196 One Hundred and Ninety-sixth Floor 1:50

201 Proposed 197 One Hundred and Ninety-seventh Floor 1:50

202 Proposed 198 One Hundred and Ninety-eighth Floor 1:50

203 Proposed 199 One Hundred and Ninety-ninth Floor 1:50

204 Proposed 200 Two Hundredth Floor 1:50

205 Proposed 201 Two Hundred and First Floor 1:50

206 Proposed 202 Two Hundred and Second Floor 1:50

207 Proposed 203 Two Hundred and Third Floor 1:50

208 Proposed 204 Two Hundred and Fourth Floor 1:50

209 Proposed 205 Two Hundred and Fifth Floor 1:50

210 Proposed 206 Two Hundred and Sixth Floor 1:50

211 Proposed 207 Two Hundred and Seventh Floor 1:50

212 Proposed 208 Two Hundred and Eighth Floor 1:50

213 Proposed 209 Two Hundred and Ninth Floor 1:50

214 Proposed 210 Two Hundred and Tenth Floor 1:50

215 Proposed 211 Two Hundred and Eleventh Floor 1:50

216 Proposed 212 Two Hundred and Twelfth Floor 1:50

217 Proposed 213 Two Hundred and Thirteenth Floor 1:50

218 Proposed 214 Two Hundred and Fourteenth Floor 1:50

219 Proposed 215 Two Hundred and Fifteenth Floor 1:50

220 Proposed 216 Two Hundred and Sixteenth Floor 1:50

221 Proposed 217 Two Hundred and Seventeenth Floor 1:50

222 Proposed 218 Two Hundred and Eighteenth Floor 1:50

223 Proposed 219 Two Hundred and Nineteenth Floor 1:50

224 Proposed 220 Two Hundred and Twentieth Floor 1:50

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226 Proposed 222 Two Hundred and Twenty-second Floor 1:50

227 Proposed 223 Two Hundred and Twenty-third Floor 1:50

228 Proposed 224 Two Hundred and Twenty-fourth Floor 1:50

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231 Proposed 227 Two Hundred and Twenty-seventh Floor 1:50

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233 Proposed 229 Two Hundred and Twenty-ninth Floor 1:50

234 Proposed 230 Two Hundred and Thirtieth Floor 1:50

235 Proposed 231 Two Hundred and Thirty-first Floor 1:50

236 Proposed 232 Two Hundred and Thirty-second Floor 1:50

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238 Proposed 234 Two Hundred and Thirty-fourth Floor 1:50

239 Proposed 235 Two Hundred and Thirty-fifth Floor 1:50

240 Proposed 236 Two Hundred and Thirty-sixth Floor 1:50

241 Proposed 237 Two Hundred and Thirty-seventh Floor 1:50

Revision	Date	Modeled By	Checked By
	08/08/2025	WJ	LFS

Client

TGP

Project

TGP Portsmouth

Status

Stage Approval Subject to Building Control - A1 -

Drawings

Proposed Right Side Elevation, Proposed Left Side Elevation, Proposed Front Elevation, Proposed Rear Elevation, Proposed Building Section B, Elevations Legend Alt 2, Wall Thickness Legend, Proposed GF Ground Floor

File

17 Chaucer Close_(AC28)

Proposed Elevations

6 Passingham Walk,
PO8 8JH



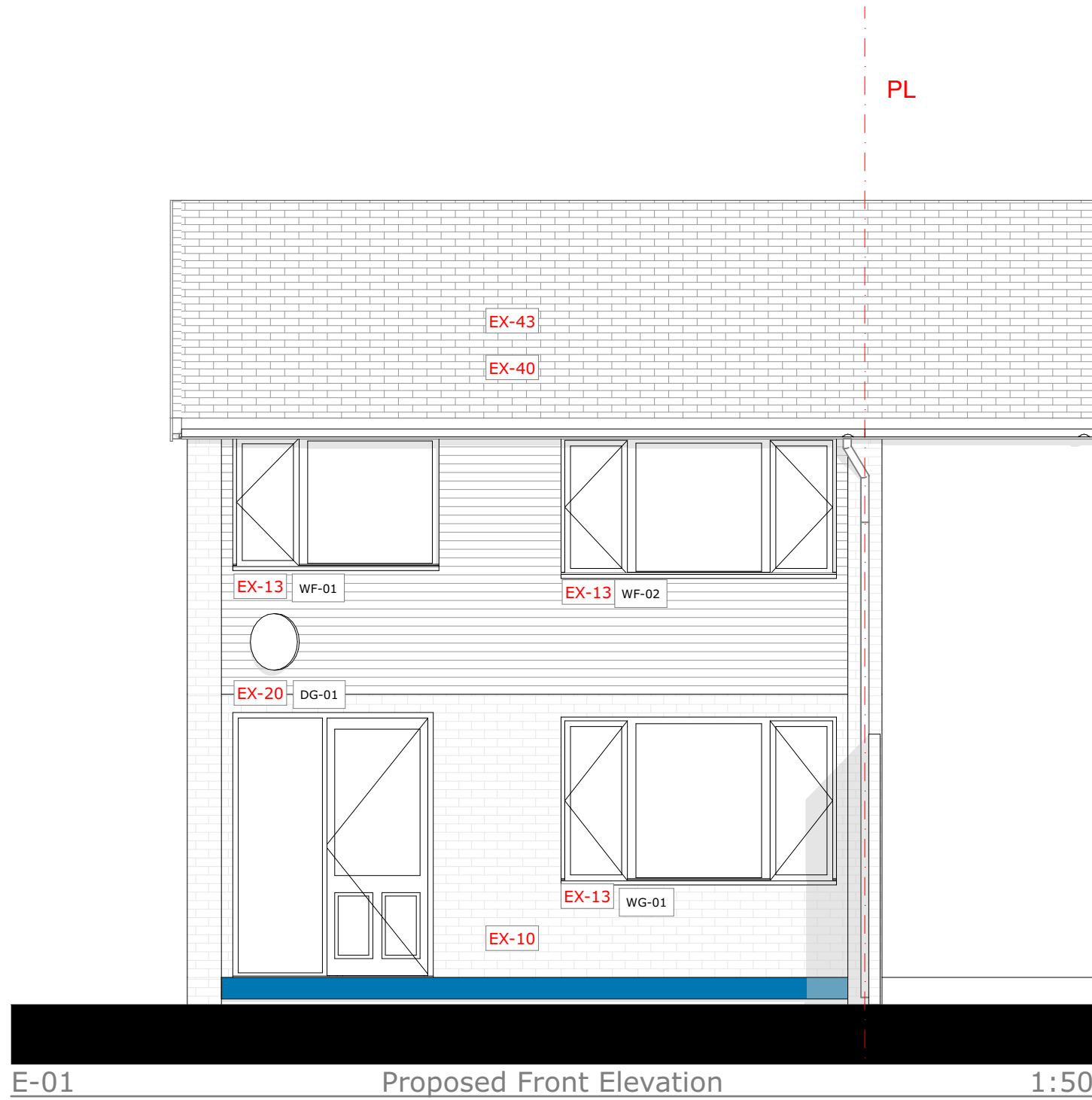
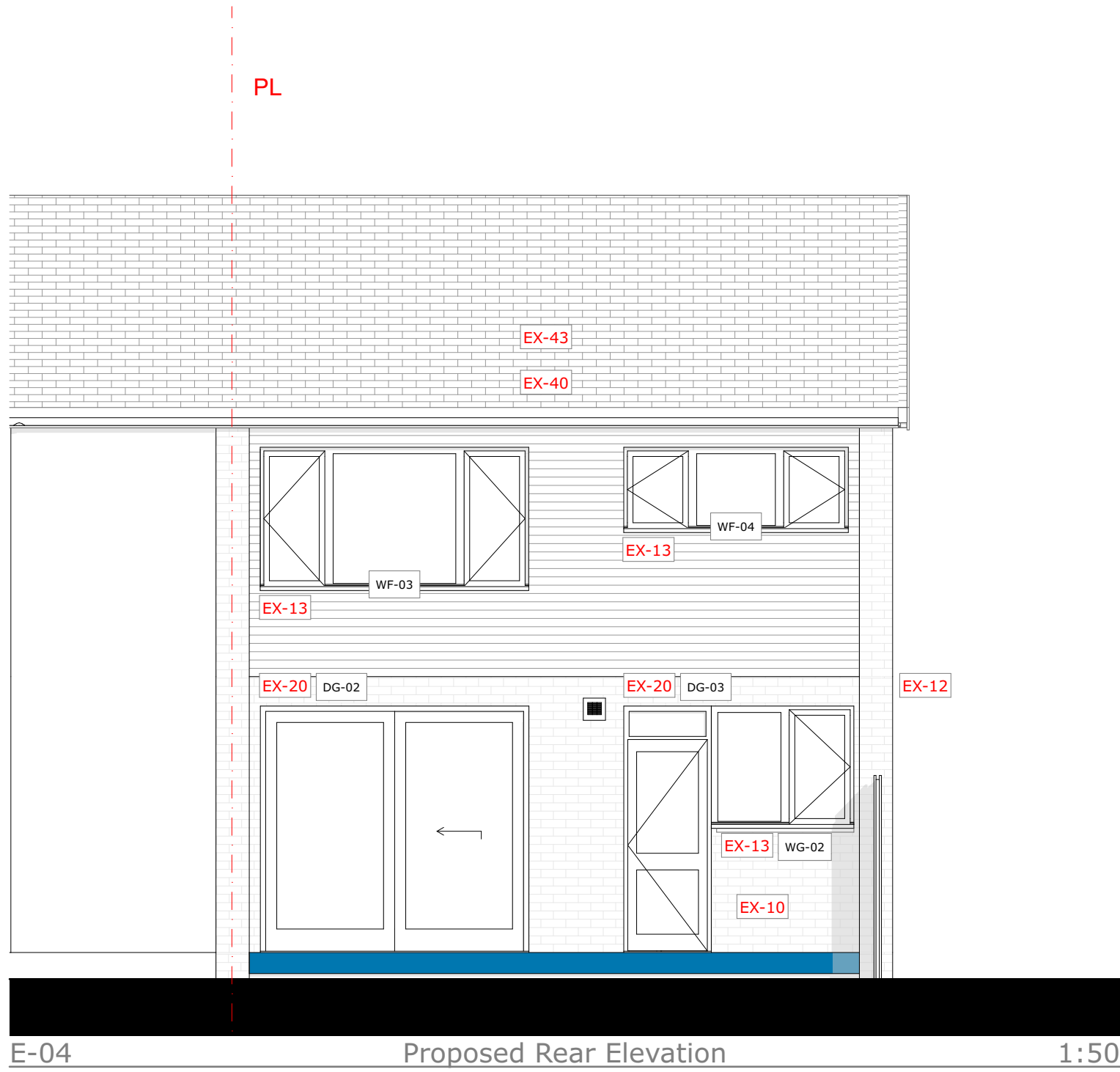
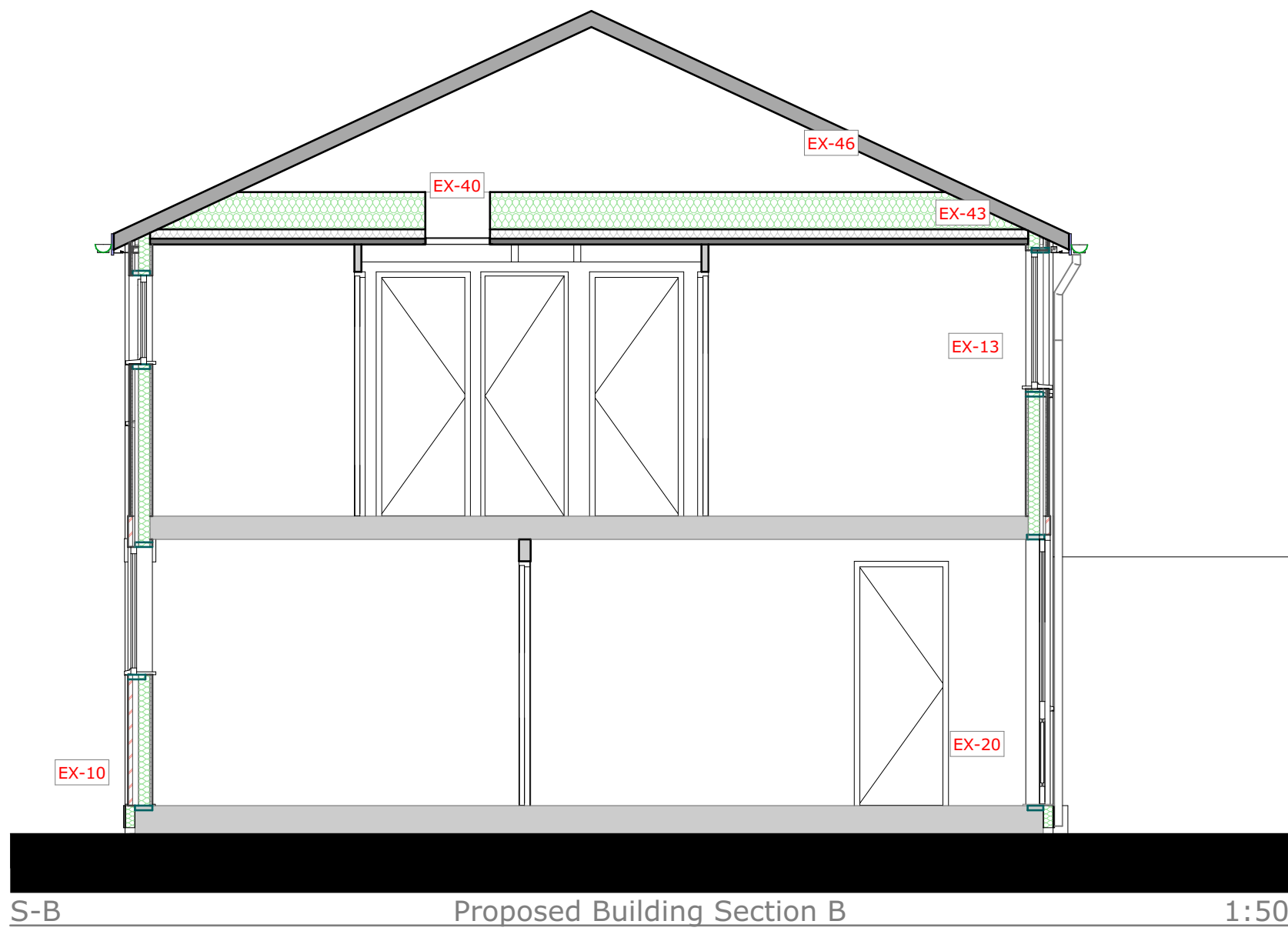
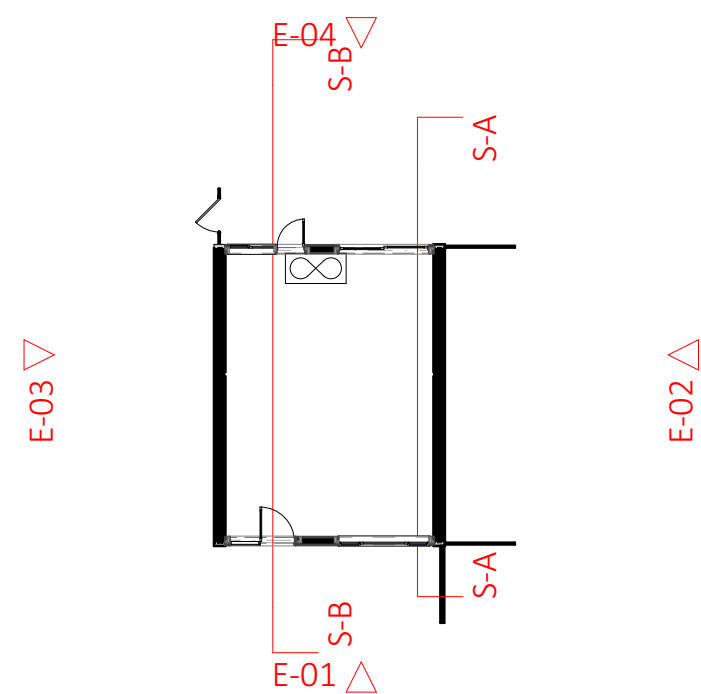
Drawing Number

7083 -CTS- 20 -000.06 -D-A-4611

Revision

01

CONSTRUCTIVE
THINKING



NOTE
IN SITUATIONS WHERE WINDOWS ARE NOT REPLACED, EXISTING CAVITIES AND OPENINGS TO BE INSPECTED VIA PIBI'S FOR CAVITY CLOSERS:
(1) SOLID BRICK CAVITY CLOSERS WILL REQUIRE INTERNALLY EMPTIINSULATED REVEALS
(2) WHERE NO CAVITY CLOSERS ARE PRESENT, CWI INSTALL EMPTICAN PROCEED. WHEN WINDOWS ARE REPLACED IN THE EMPTIFUTURE, INSULATED CAVITY CLOSERS TO BE INSTALLED.

NOTE
INTERNAL REMEDIAL WORKS TO BE CONFIRMED AND COMPLETED FOLLOWING PIBI'S

EX EXTERNAL WORKS

- EX-10 External Wall to be Insulated and Reinforced
- EX-12 New Cavity Wall Insulation (CWI)
- EX-13 New Windows
- EX-20 New External Doors
- EX-40 Pitched Roof/Loft Insulation
- EX-41-1 Roof Ventilation
- EX-43 Eaves/Verge Extension
- EX-46 Roof Tile Vents (if no replacement)
- EX-50 Structural Panel
- EX-60 External Fixtures

IN INTERNAL WORKS

- IN-11 Monitoring Sensors
- IN-14 New dMEV to be located in kitchen and bathroom
- IN-20 Door Undercuts

RM RENEWABLE MEASURES TO NET ZERO

- RM-30 Renewable Ready Measures

MTIP MID TERM IMPROVEMENT PLAN

- MTIP-21 Insulate the Solid Floor

Constructive Thinking Studio
Liverpool Science Park IC 1
131 Mount Pleasant
L3 5TF

www.constructivethinking.co.uk
+44 (0) 151 705 3433
bim@constructivethinking.co.uk

Safety Health and Environmental Information

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Revision	Date	Modeled By	Checked By
	08/08/2025	WJ	LFS

Client **TGP**

Project **TGP Portsmouth**

Status **Stage Approval Subject to Building Control - A1 -**

Drawings Elevations Legend Alt 2, Proposed Front Elevation - Textures, Proposed Rear Elevation - Textures, Proposed Left Side Elevation - Textures, External Finishes

File 17 Chaucer Close_(AC28)

Planning Elevations

**6 Passingham Walk,
PO8 8JH**

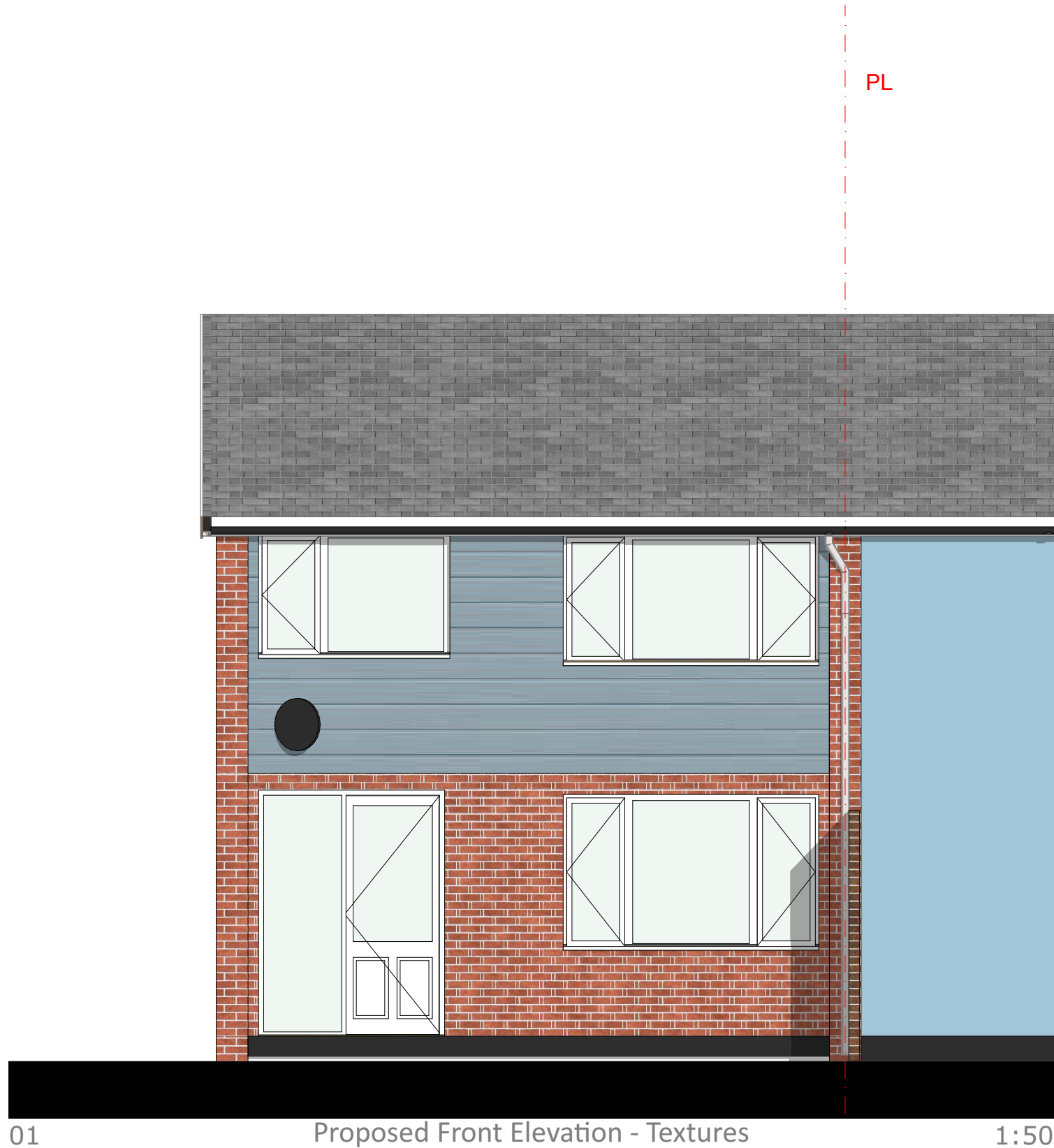
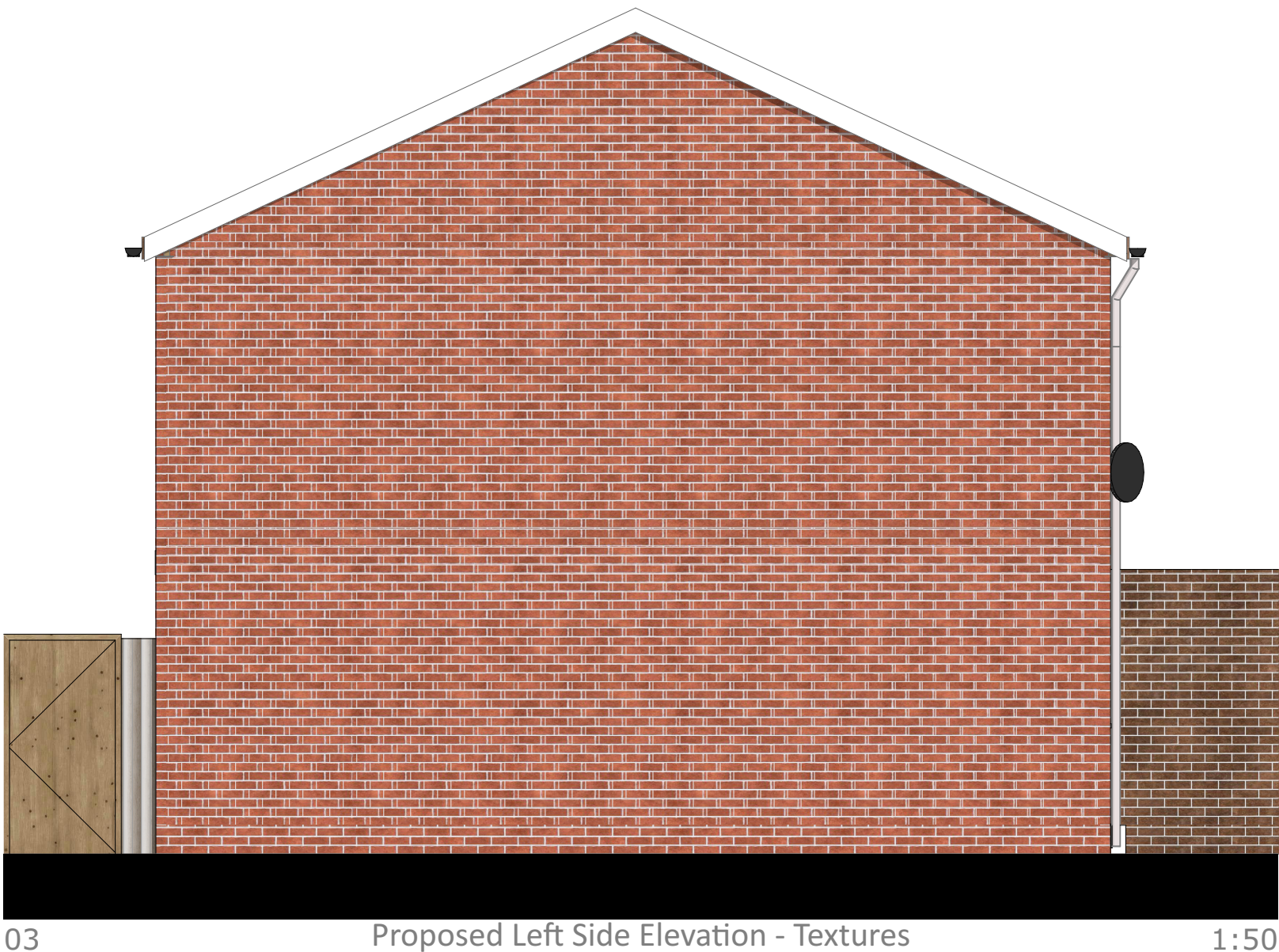
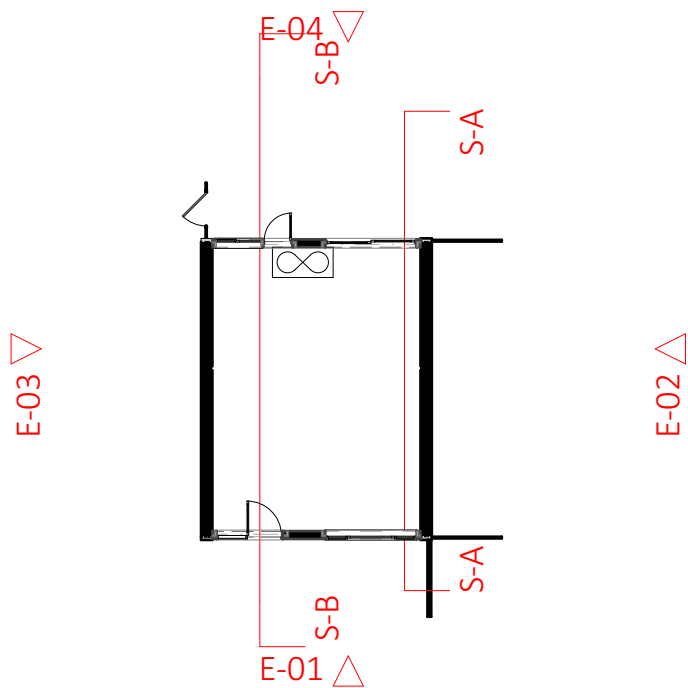
Drawing Number

7083 -CTS- 20 -000.06 -D-A-4612

Revision

01

CONSTRUCTIVE
THINKING



WINDOW SCHEDULE						
Element ID	WF-01	WF-02	WF-03	WF-04	WG-01	WG-02
External Elevation						
Width	1,812	2,420	2,423	2,026	2,420	1,286
Height	1,192	1,242	1,287	764	1,470	1,098
Thermal Performance	Refer to Technical Standards	Refer to Technical Standards	Refer to Technical Standards	Refer to C	Refer to Technical Standards	Refer to Technical Standards
Window Description	1.2 W/m2K or better; A1 Fire Rated	1.2 W/m2K or better; A1 Fire Rated	1.2 W/m2K or better; A1 Fire Rated	1.2 W/m2K or better; A1 Fire Rated	1.2 W/m2K or better; A1 Fire Rated	1.2 W/m2K or better; A1 Fire Rated
Window Area	2.16	3.01	3.12	1.55	3.56	1.41

DOOR SCHEDULE			
Element ID	DG-01	DG-02	DG-03
External Elevation			
Width	1,762	2,423	790
Height	2,328	2,223	2,223
Thermal Performance	Refer to CTS Specifications	Refer to CTS Specifications	Refer to CTS Specifications
Door Description	1.2 W/m2K or better; A1 Fire Rated	1.2 W/m2K or better; A1 Fire Rated	1.2 W/m2K or better; A1 Fire Rated
Door Area	4.10	5.39	1.76

All windows and doors require a sill or threshold.

All windows to have trickle vents, except wetrooms e.g. Kitchen, WC and Bathroom

All windows to meet FENSA and PAS24 compliance standards.

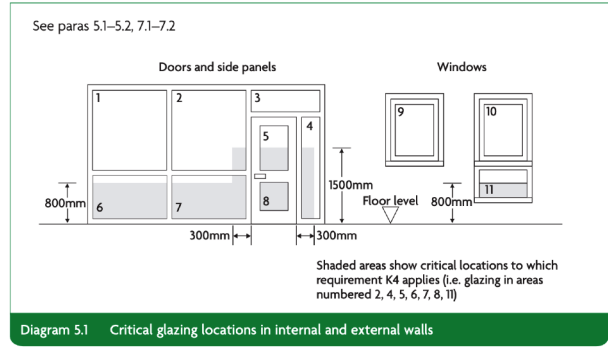
An opening light is to be provided to each first floor habitable room to allow for emergency egress. Minimum of 450x450mm, and have a minimum area of 0.33sqm.

Any glazing which is obscured as exsiting, must be reinstalled as obscured, satin privacy glass.

Dimensions are for cost purposed only

Handing of doors to math existing

Windows and doors to be measured on site.



K4: All windows and external dooes to meet AD K Section 5: Protection against impact with glazing requirements. Refer to Diagram 5.1 for critical glazing locations in internal and external walls.

A3

Scales

Constructive Thinking Studio

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Safety Health and Environmental Information

In addition to the hazard/risks normally associated with the types of work detailed on this drawing take note of the below. It is assumed that all works on this drawing will be carried out by a competent contractor working, where appropriate, to an appropriate method statement.

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Demolition/Adaption Risks

Risk of fragile render, existing cladding and rainwater goods collapsing. Contractor to ensure operatives wear PPE and carry out works carefully. For Further information see Risk Register.

Construction Risks

Risk of injury to operatives through working from height, tripping hazards, etc. Care to be taken while working on site and appropriate PPE to be worn. For further information see Risk Register.

Maintenance/Cleaning Risks

Cleaning windows from height. Appropriate equipment to be used. PPE to be worn. For Further information see Risk Register.

Revision	Date	By	Check
	08/08/2025	WJ	LFS

Client

TGP

Project

TGP Portsmouth

Status

Stage Approval Subject to Building Control - A1 -

Drawings

Window Schedule, Door Schedule, Windows / Doors Caveats

File

17 Chaucer Close_(AC28)

Window and Door Schedule

6 Passingham Walk, PO8 8JH

Drawing Number

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Revision

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EX EXTERNAL WORKS

EX-10	External Wall to be Insulated and Reinforced	<ul style="list-style-type: none"> - External Wall to achieve 0.3W/m²K as per Part L Requirements - Existing Wall to be Reinforced as per Architect's and Structural Engineer's Details - Refer to Architect's Details, Structural Engineer's Details and Calculations, and Manufacturer's Specifications
EX-12	New Cavity Wall Insulation (CWI)	<ul style="list-style-type: none"> - Integrity of any existing Cavity Wall Insulation to be inspected. If damp is present, extract, dry and replace with resin bead insulation. - Installed as per manufacturer's spec. - System to be CIGA certified
EX-13	New Windows	<ul style="list-style-type: none"> - New Windows to achieve U-value of 1.20 W/m²K - All windows to meet FENSA and PAS24 compliance standards - Windows to have trickle vents installed except in wet rooms where dMEV is present -Cavity closers to be inspected
EX-20	New External Doors	<ul style="list-style-type: none"> -Composite Front Doors to achieve U-value of 1.20 W/m²K - Installed as per manufacturer's technical spec, sealed with expanding foam tape - Internal reveals to be made good, cavity closers to be inspected - Part L doors to be in accordance with manufacturers spec and employers requirements
EX-40	Pitched Roof/ Loft Insulation	<ul style="list-style-type: none"> - Top up Mineral Wool Quilt Loft Insulation to 400mm, refer to CTS Specification - Ventilation to be ensured with proprietary vent trays if required - Loft Insulation to be rolled into the eaves, ensuring continuous thermal envelope, refer to CTS details - Install new insulated loft hatch as per manufacturer's specifications - Skeellings to be insulated as per CTS Detail Pack - Inspect existing fascia, soffit and rainwater goods for degradation and replace where necessary
EX-41-1	Roof Ventilation	<ul style="list-style-type: none"> - New breathable membrane, battens, tiles, and dry ridge system to be fitted in accordance with manufacturer's details and specification. Client to instruct on material finish. Inspections required to confirm structural integrity of existing roof structure prior to roof replacement.
EX-43	Eaves/Verge Extension System	<ul style="list-style-type: none"> - Eaves/Verges to be Extended where required; Min 40mm overhang from finish face of EWI - Refer to CTS Detail Pack
EX-46	Roof Tile Vents (if no replacement)	<ul style="list-style-type: none"> - Existing Roof ventilation strategy to be confirmed for compliance, if breather membrane is present disregard below; - Minimum 2 vent tiles per roofscape, e.g. a hip roof would be 6 tile vents - Vent tiles to be installed as close to eaves as possible and above new insulation height - Vent tiles position to be coordinated to allow provision for potential PV in the future
EX-50	Structural Panel	<ul style="list-style-type: none"> - Structherm Structural Panel above DPC, unless alternative thickness indicated, installed as per Constructive Thinking Studio (CTS) Detail Pack and Structherm specification and details installed as per manufacturer's technical spec.
EX-60	External Fixtures	<ul style="list-style-type: none"> -New External Lights -New External Canopy soffit to be installed as per manufacturer's details

IN INTERNAL WORKS

IN-11	Monitoring Sensors	To be installed as per CTS specifications
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PROPOSED

<h1>A3</h1> <p>Scales</p> <hr/> <p>Constructive Thinking Studio Liverpool Science Park IC 1 131 Mount Pleasant L3 5TF</p> <p>www.constructivethinking.co.uk +44 (0) 151 705 3433 bin@constructivethinking.co.uk</p> <hr/> <p>Safety Health and Environmental Information</p>	<div style="float: right; writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; font-size: 2em;">CONSTRUCTIVE THINKING</div> <p>In addition to the hazard/risks normally associated with the types of work detailed on this drawing take note of the below. It is assumed that all works on this drawing will be carried out by a competent contractor working, where appropriate, to an appropriate method statement.</p> <p>This document and its design content is copyright ©. It shall be read in conjunction with all other associated project information including models, specifications, schedules and related consultants documents. Do not scale from documents. All dimensions to be checked on site. Immediately report any discrepancies, errors or omissions on this document to the Originator. If in doubt ASK.</p> <hr/> <p>Demolition/Adaptation Risks</p> <p>Risk of fragile render, existing cladding and rainwater goods collapsing. Contractor to ensure operatives wear PPE and carry out works carefully. For Further information see Risk Register.</p> <hr/> <p>Construction Risks</p> <p>Risk of injury to operatives through working from height, tripping hazards, etc. Care to be taken while working on site and appropriate PPE to be worn. For further information see Risk Register.</p> <hr/> <p>Maintenance/Cleaning Risks</p> <p>Cleaning windows from height. Appropriate equipment to be used. PPE to be worn. For Further information see Risk Register.</p>
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Revision	Date	By	Check
	08/08/2025	WJ	LFS

Client TGP

Project TGP Portsmouth

Status **Stage Approval Subject to Building Control - A1 -**

Drawing:

File 17 Chaucer Close_(AC28)

Measures

**6 Passingham
Walk, PO8 8JH**

Drawing Number

7083 -CTS- 20 - 000.06 - L-A-4617

Revision

01

