

STANDING WASTE PIPE DETAILS

FOUNDATIONS, FLOOR SLAB, SERVICE ENTRY LAYOUT (HANDED)

THIS DRAWING TO BE READ IN CONJUNCTION WITH ENGINEER, PC FLOOR MANUFACTURER, SERVICES SUPPLIERS DRAWINGS AND SPECIFICATION

| | | |
|-----|---------------------------|--------|
| B | BT ENTRY LOCATION REVISED | AUG 23 |
| A | FIRST ISSUE | OCT 21 |
| Rev | Description | Date |

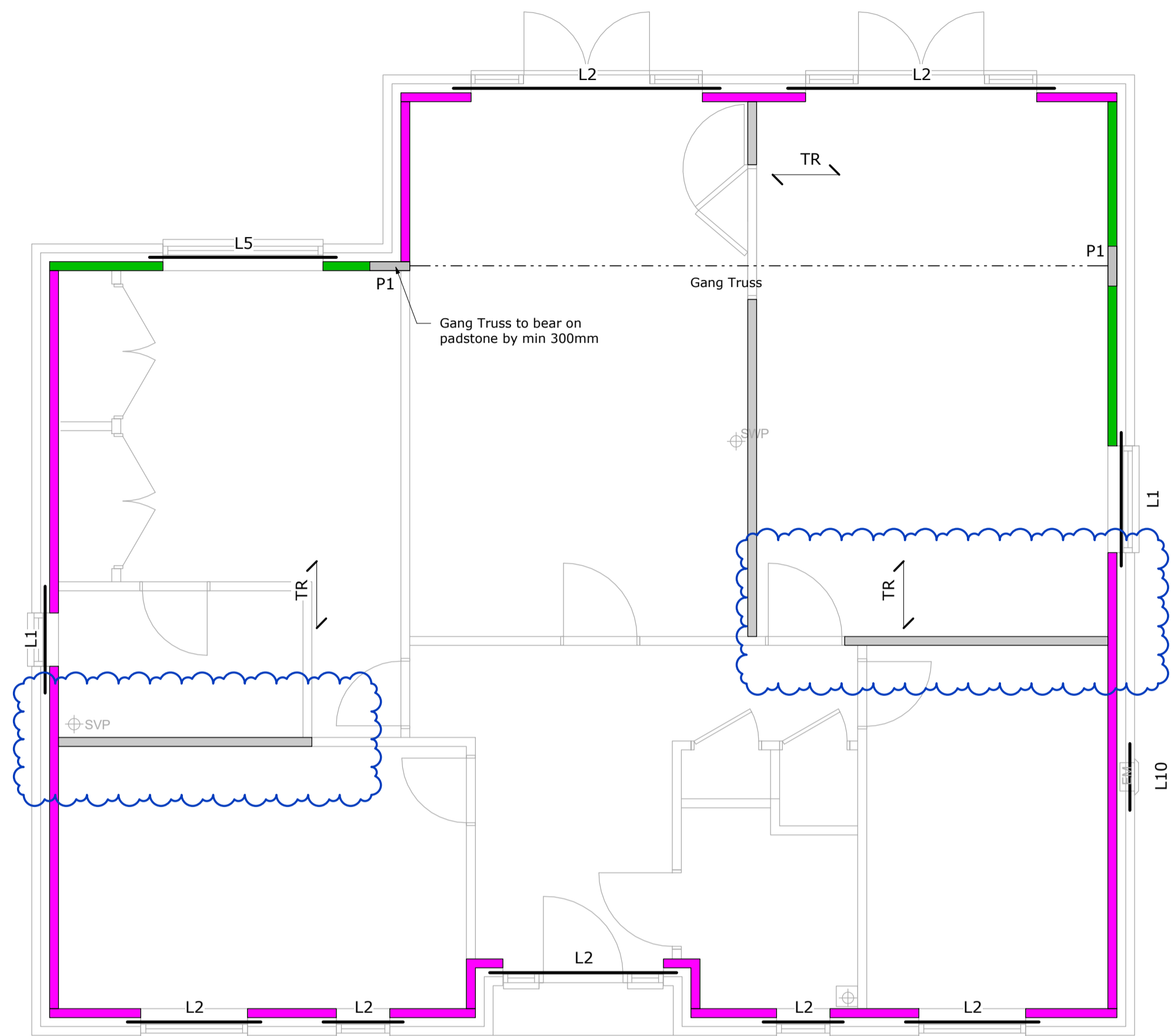
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Client --
Project
**LANSWOOD PARK
ELMSTEAD
COLCHESTER CO7 7FD**

Drawing
**HOUSE TYPE 5 (T5)
GENERAL ARRANGEMENT
FOUNDATIONS PLAN
HANDED**

Date SEP 2021 Scale: 1:50 @ A3

Drawing No. T5-01-01 HANDED B
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Please note: This drawing is not handed!

GROUND FLOOR PLAN

1 : 50

| Lintel Schedule | |
|-----------------|------------------------|
| Reference | Description |
| L1 | L1 S |
| L2 | L1 HD |
| L3 | L1 XHD |
| L5 | L5 XHD |
| L7 | BOX |
| L8 | BOX HD |
| L10 | Single Leaf Lintel L10 |

All Lintels by IG U.N.O. All lintels above 3000mm long to be propped to manufacturers guidance. All lintels to bear a minimum of 150mm onto the wall each side.

| Padstone Schedule | |
|-------------------|-------------------------------|
| Type | Description |
| P1 | 440x215x100 Concrete Padstone |
| P2 | 660x215x100 Concrete Padstone |

All Padstones to be precast concrete minimum strength C50.

KEY

- Indicates Span direction of proprietary engineered timber joist system.
- Denotes span direction of standard timber trussed rafters at maximum 600mm centres, designed and manufactured by specialist trussed rafter manufacturer.
- Ancon WP3 windpost or similar approved.
- Denotes location of Trimmer Beams, designed by specialist supplier.
- Denotes bracing walls - Allow 3kN/m SLS load on the floor. Bracing walls to comprise minimum 72mm studwork at 600mm centres max, with 9mm OSB3 lining to one side fixed to studs using 3.25mm Nails at 150mm centres max. 'Sole plate' to be fixed to the floor with 90x90 angle brackets at 1500mm max centres. 'End stud' to be fixed to inner leaf @ 225 centres internally.

| Key | Description |
|-----|-------------------------------|
| | 3.6 N/mm ² Blocks |
| | 7.3 N/mm ² Blocks |
| | 10.4 N/mm ² Blocks |
| | 17.5 N/mm ² Blocks |
| | 22.5 N/mm ² Blocks |
| | Denotes bracing walls |

For Bracing Walls allow 3kN/m SLS load on the floor. Bracing walls to comprise min. 72mm studs at 600mm centres max, with 9mm OSB3 lining to one side fixed to studs using 3.25mm Nails at 150mm centres max. 'Sole plate' fixed to the floor with 90x90 angle brackets at 1500mm max centres. 'End stud' to be fixed to inner leaf @ 225mm centres internally.

STRUCTURAL MASONRY NOTES

- Refer to Architectural drawings and specification for masonry Requirements in respect of acoustic, thermal insulation and durability requirements. The Engineer shall be notified immediately if this conflicts with structural requirements.
- Blockwork to have a minimum compressive strength as specified on the drawings. All blockwork to be solid unless specified otherwise on the drawings and is to comply with BS5628, Table 4, requirements for CATEGORY 1 of manufacture in accordance with BS EN 771-1 to 6. **The maximum weight of an individual masonry unit must not exceed 20kg.** Blockwork should be adequately protected on site to avoid saturation and possible increase in lifting weight. Reference shall be made to the Project Architect/Acoustic Consultant for compliance with Part E of the Building Regulation - Sound Transmission.
- Blockwork below DPC to be of foundation quality (refer to Manufacturers guidelines) and to be of at least equal minimum compressive strength to that indicated between ground and first floor and in no case less than 7.3N/mm².
- Brickwork to have a minimum compressive strength of 20N/mm² and is to comply with BS5628 requirements for CATEGORY 1 of manufacture in accordance with BS EN 771-1 to 6.
- Mortar designation as follows:
above DPC mortar designation M4
below DPC mortar designation M6
- The contractor is responsible and liable for ensuring the stability of the works and services at all stages of construction. The contractor is to note that temporary propping and support is required to the masonry walls during construction until such time as the steelwork bracing and roof structure, with ply decking, are fully completed.
- Movement joints.**
Allow for full height movement joints to masonry walls as follows:
Expansion joints in brickwork typically at maximum 12m crs (6m from corners and returns).
Shrinkage joints in blockwork typically at maximum 6m crs (3m from corners and returns).
For expansion joints in Concrete Bricks refer to manufacturers guidelines, however at no time should joint spacing be greater than 9m (6m typically).
Joint spacing's are based on the provision of a 15mm wide joint incorporating Expandite Expandifoam or equal approved closed cell polyethylene joint filler sealed on external faces with Expandite Thiflex 600 or equal approved elastomeric sealant. Internal finishes must be severed at joints with plaster stops or dry wall stop beads provided.
- Lintels**
External walls: provide proprietary lintels as specified on the drawings or equivalent approved by alternative manufacturer.
Internal walls: provide proprietary IG box lintels to loadbearing internal walls as specified on the drawings or equivalent approved by alternative manufacturer.
Provide proprietary IG internal lintel to small openings in non loadbearing blockwork walls or equivalent approved by alternative manufacturer.
All steel lintels to be fully galvanised and have a minimum 150mm bearing to each end unless noted otherwise.

- Spacing of Ties**
Spacing of all ties to comply with the Architects details but to at least comply with the following:
First row at least one course below DPC at maximum 600mm centres horizontally,
Second and subsequent rows to be spaced at 900mm centres horizontally and 450mm centres vertically in a staggered pattern in bed joints and have a minimum embedment of 50mm (recommnd 75mm) into each leaf,
Ties at reveals, openings, movement joints and up the slope of gable walls shall be at maximum 225mm centres vertically.

PROPRIETARY ENGINEERED TIMBER FLOOR CONSTRUCTION NOTES

- All structural timber floor members, and framing connections / hangers to be designed and manufactured by specialist. Design to be in accordance with Building Regulations and NHBC Standards.
- The setting out & dimensions shall be in accordance with the Architects & specialists drawings.
- Timber floor joists shall not be built into party or external wall constructions but shall be supported on proprietary joist hangers to joist suppliers requirements at such locations.
- All members supported on proprietary hangers to have full contact with the base of the hanger and shall be fixed in accordance with the hanger manufacturers instructions.
- All members fitted onto steel beams to be supported on proprietary joist hangers to detail by floor joists manufacturer. Where steel beams are specified within the floor depth, the underside of joists shall be 5mm (minimum) below the underside of the beam.
- External and party walls parallel with joist spans shall be restrained at top of floor joist level at not more than 2.0m centres in houses and 1.25m in flats with galvanised 30 x 5.0mm straps extending below top flange for a minimum of 3 joists. Noggins not less than 75% of joist depth and timber blocking adjacent to walls shall be fixed between joists at all strap locations. Straps shall be fixed to members/noggins with not less than 4No. 32 x 3.5mm galvanised or sheardised square twisted nails (or alternative detail by joist manufacturer).
- All noggins/struts/blockings to be in strict accordance with manufacturers details.
- Overall stability of timber floors during construction to detail by joist manufacturer.
- Engineered timber joists to be designed to allow for the following unfaored loadings:
finishes - refer to Architects details
imposed - 1.5 kN/m²
timber stud partition loading - 0.5 kN/m²
line load of - 2.0 kN/m
- Reference should be made to the proprietary floor joist designer/manufacturer details regarding the allowable positioning and sizes of service penetrations through the floor members.

SUPERSTRUCTURE LOADS:

| DEAD LOADS | By Specialist |
|--|-----------------------|
| Self Weight | 0.4 kN/m ² |
| Finishes & Services | |
| LIVE LOADS | |
| Live Load Typical | 1.5 kN/m ² |
| Partitions | 0.5 kN/m ² |
| STAIR LOADING | |
| Live Load | 1.5 kN/m ² |
| Add. Dead Load | 0.5 kN/m ² |
| BLOCK WALLS (SHOWN ON ARCH'S DRAWINGS) | |
| 140 Thick | 2.5 kN/m ² |
| 215 Thick | 4.0 kN/m ² |
| Brick Block Cavity Wall | 3.8 kN/m ² |

GENERAL NOTES

- The drawings, design and all information contained therein are the sole copyright of Richard Jackson Ltd and reproduction in any form is forbidden unless permission is obtained in writing.
- All drawings shall be read in conjunction with all relevant Civil / Structural Engineers drawings, the project specification and Architects, Services Engineers & Landscape Architects drawings.
- For all setting out information, D.P.M., D.P.C., Finishes and waterproofing details refer to the Architects drawings and details.
- The Contractor shall verify all site and setting out dimensions before putting work in hand. Where dimensions are shown on the Engineers drawings, any discrepancies shall be reported to him.
- Dimensions must not be scaled from the Engineers drawings.
- All dimensions are in millimetres unless noted otherwise.
- Dimensions marked * are subject to confirmation by site measurement before construction proceeds.
- All dimensions are given to structural surfaces unless noted otherwise.
- All lightning connectors to be fixed in accordance with specialist details.
- No holes, chases, cut-outs, existing or proposed services or the like may be formed in or pass through any beam, column, or load bearing wall unless written permission is obtained from the Engineer.
- Holes smaller than 225 x 225mm through slabs are not necessarily shown on the Engineers drawings.
- For size and location of all services refer to the Service Engineers and Architects drawings.
- Inspections made by the Local Authority, NHBC or other Statutory bodies, shall be arranged by the Contractor to suit his programme. Any costs arising out of failing to carry out the work to the satisfaction of the Checking Authority will be the sole responsibility of the Contractor.
- Non-structural fixings are generally not shown on the Engineers drawings and if any such detail is indicated it must be confirmed by cross-reference to other specialists before construction.
- All drawing specifications are given in accordance with NBS (National Building Specification) e.g. E10/130 which refers to NBS Section E10, Clause 130.

| | | | |
|----------------|------------------------|-----|-----------------------|
| Abbreviations: | | | |
| CRS | Centres | TOC | Top of concrete |
| TBC | To be confirmed | BOC | Bottom of concrete |
| UNO | Unless noted otherwise | SSL | Structural slab level |
| DIA | Diameter | TOS | Top of steel |
| EGL | Existing Ground Level | FFL | Finished Floor Level |
| FGL | Finished Ground Level | SOP | Setting out point |

| Rev | Date | Description | Drawn | Chkd |
|-----|----------|---------------------------------------|-------|------|
| P02 | 31.05.23 | BUTTRERS WALL ADDED TO CLIENT REQUEST | BGA | AMJ |
| P01 | 03.12.21 | HOUSE TYPE T5 PRELIMINARY ISSUE | BGA | BGA |

REVISIONS
This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project
LANSWOOD PARK DEVELOPMENT - PHASE 2
BROOMFIELD ROAD
ELMSTEAD MARKET

Drawing Title
HOUSE TYPE 5

Client
LANSWOOD LIMITED

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| | | |
|---------------------------|-------------------------|--------------------------------|
| Scale 1 : 50 | Drawn Author | Date APR 2021 |
| Project Manager K.TOSH | Checked Checker | Approved Approver |
| Status | Suitability Description | RJL Project No 48389 |
| project | originator | zone |
| level | type | role |
| number | revision | |
| 48389 | RJL | XX |
| GF | DR | S |
| 1011 | P02 | |

| DOOR SCHEDULE | | | |
|---------------|------------------------------|---|---------------------|
| REF. NO. | DOOR LEAF SIZE W x H (mm) | NOMINAL FRAME / LINING SIZE W x H (mm) | STRUCTURAL OPENNING |
| D1* | * | 1790 x 2090 | 1800 x 2100 |
| D2* | * | 2590 x 2090 | 2600 x 2100 |
| D3* | * | 2590 x 2090 | 2600 x 2100 |
| D4* | 826 x 2040 | 890 x 2072 | 910 x 2100 |
| D5 | 726 x 2040 | 790 x 2072 | 810 x 2100 |
| D6 | 726 x 2040 | 790 x 2072 | 810 x 2100 |
| D7 | 726 x 2040 | 790 x 2072 | 890 x 2100 |
| D8 | 826 x 2040 | 890 x 2072 | 910 x 2100 |
| D9 | 726 x 2040 pair | 1516 x 2072 | 1536 x 2100 |
| D10 | 826 x 2040 | 890 x 2072 | 910 x 2100 |
| D11 | 726 x 2040 pair | 1516 x 2072 | 1536 x 2100 |
| D12 | 726 x 2040 pair | 1516 x 2072 | 1536 x 2100 |
| D13 | 726 x 2040 | 790 x 2072 | 810 x 2100 |
| D14 | 726 x 2040 | 790 x 2072 | 810 x 2100 |
| D15 | 726 x 2040 | 790 x 2072 | 810 x 2100 |
| D16 | 726 x 2040 | 790 x 2072 | 810 x 2100 |
| D17 | 626 x 2040 | 690 x 2072 | 710 x 2100 |
| | | | |
| | | | |
| | | | |

| WINDOWS AND LINTEL SCHEDULE | | |
|-----------------------------|-----------------------------------|---------|
| REF. NO. | NOMINAL WINDOW SIZE W x H (mm) | REMARKS |
| W01 | 1200 x 1350 | |
| W02 | 600 x 1200 | |
| W03 | 600 x 1200 | |
| W04 | 1200 x 1350 | |
| W05 | 600 x 1200 | |
| W06 | 1800 x 1350 | |
| W07 | 1200 x 1350 | |
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| | | |

REMARKS:
 FD20 - 20 MINUTES FIRE DOOR AND FRAME TO CURRENT BUILDING REGULATIONS.
 * SIZE OF DOOR LEAF INCLUDING STYLES ARE TO BE AGREED AND CONFIRMED. LEVELED THRESHOLD TO PART "M" REQUIREMENT.
 ** ANY GLAZING IN ANY DOOR TO BE TOUGHENED SAFETY GLASS.
 SECURED BY DESIGN STANDARD
 ALL EXTERNAL WINDOWS AND DOORS (FRONT DOORS, SIDE DOORS, REAR DOORS, BI-FOLD DOORS, INTERCONNECTING GARAGE DOOR SET AND FRENCH CASEMENT DOORS) MUST CONFORM TO THE REQUIREMENTS OF SECURED BY DESIGN (2019 EDITION). CONTRACTOR TO PRODUCE MANUFACTURER'S CERTIFICATES.

| | | |
|-----|---|--------|
| C | DOORS D02 & D03 STRUCTURAL OPENING SIZE REVISED | SPT 23 |
| B | DOORS D16 & D17 ADDED TO THE SCHEDULE | AUG 23 |
| A | FIRST ISSUE | OCT 21 |
| Rev | Description | Date |

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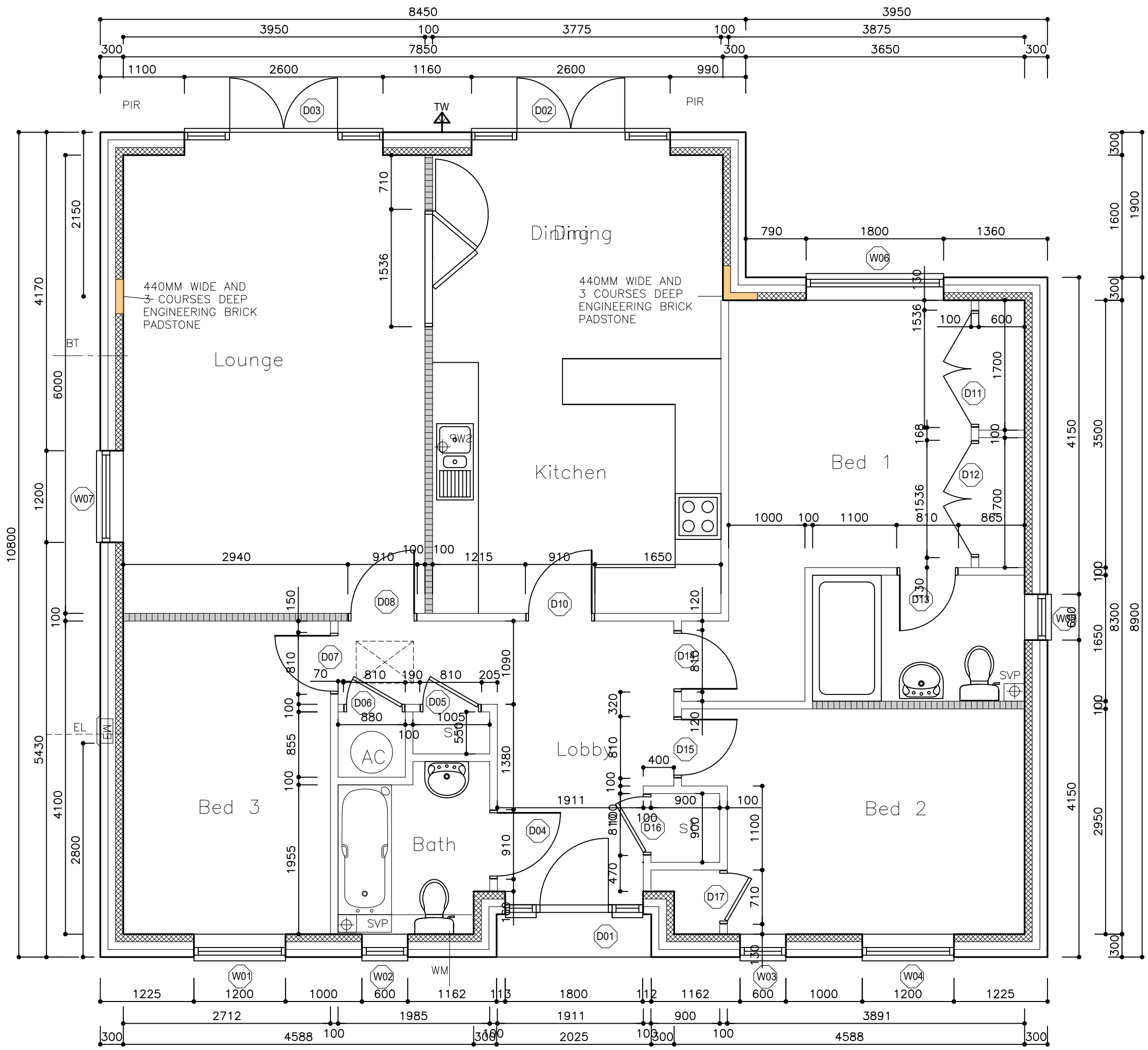
Client --
 Project
**LANSWOOD PARK
 ELMSTEAD
 COLCHESTER CO7 7FD**

Drawing
**HOUSE TYPE 5 (T5)
 GENERAL ARRANGEMENT
 DOORS AND WINDOWS
 SCHEDULE**

Date SEP 2021 Scale: 1:50 @ A3

Drawing No. T5-02-02 C

20/09/2023 11:47:17

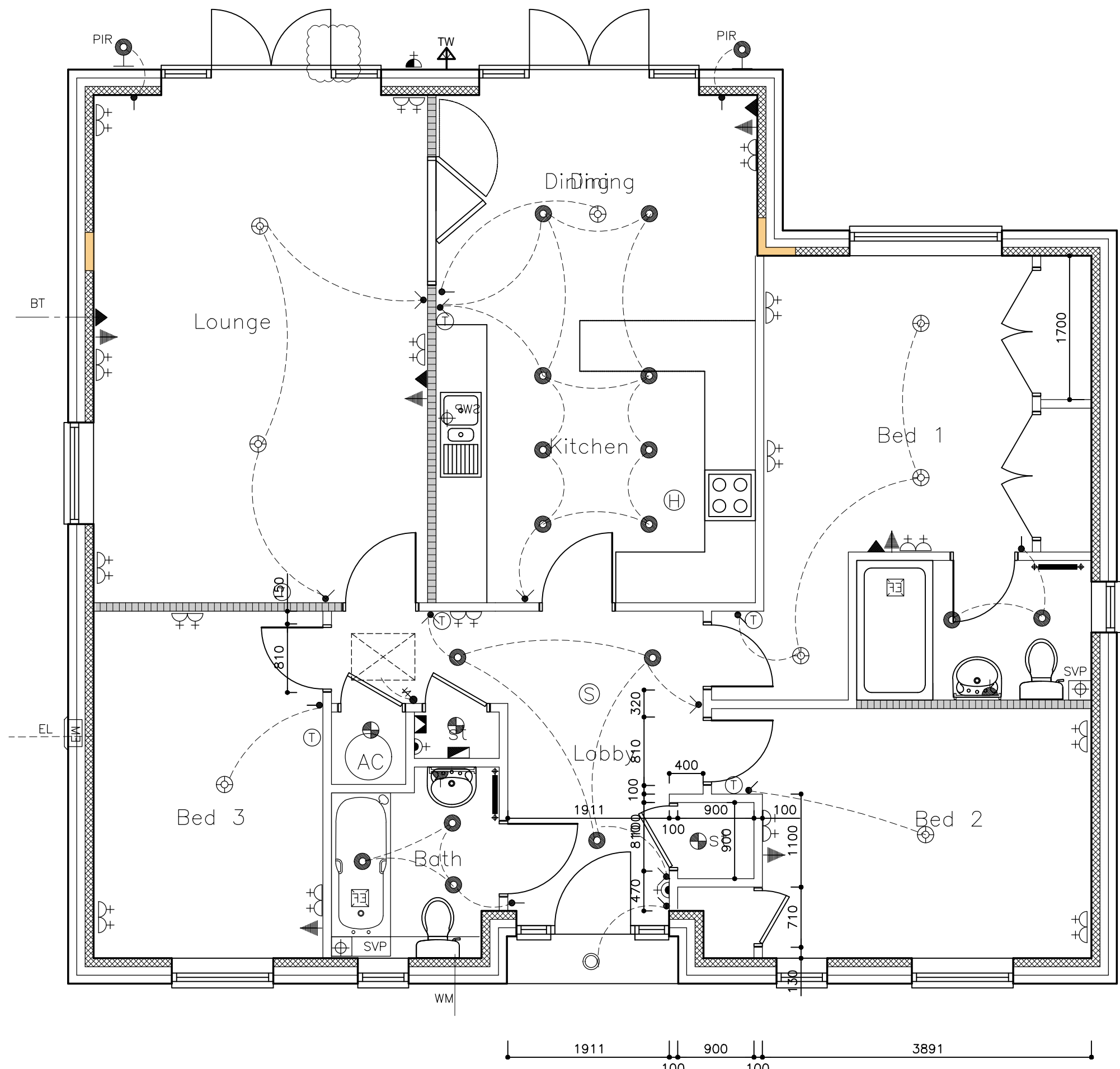


| | | |
|-----|------------------------------|--------|
| C | BRACING PARTITIONS INDICATED | SEP 23 |
| B | LAYOUT REVISED | AUG 23 |
| A | FIRST ISSUE | OCT 21 |
| Rev | Description | Date |

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| | |
|-------------|---|
| Client | -- |
| Project | LANSWOOD PARK ELMSTEAD COLCHESTER CO7 7FD |
| Drawing | HOUSE TYPE 5 (T5) GENERAL ARRANGEMENT GROUND FLOOR PLAN (HANDED) |
| Date | SEP 2021 |
| Scale | 1:50 @ A3 |
| Drawing No. | T5-02-01 HANDED |
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| Rev | Description | Date |
|-----|--|--------|
| G | THERMOSTAT LOCATION IN HALL REVISED | AUG 24 |
| F | GENERAL REVISIONS TO LIGHT POINTS AND SWITCHES/SOCKETS | AUG 23 |
| E | LAYOUT REVISED | AUG 23 |
| D | LIGHTS IN DINING AREA REVISED | MAY 22 |
| C | EXTERNAL WATER TAP ADDED | FEB 22 |
| B | LIGHT SWITCH ADDED TO EN-SUITE | OCT 21 |
| A | FIRST ISSUE | OCT 21 |

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| | |
|-------------|--|
| Client | -- |
| Project | LANSWOOD PARK ELMSTEAD COLCHESTER CO7 7FD |
| Drawing | HOUSE TYPE 5 (T5) GROUND FLOOR PLAN ELECTRICAL & MECHANICAL LAYOUT (HANDED) |
| Date | SEP 2021 |
| Scale | 1:50 @ A3 |
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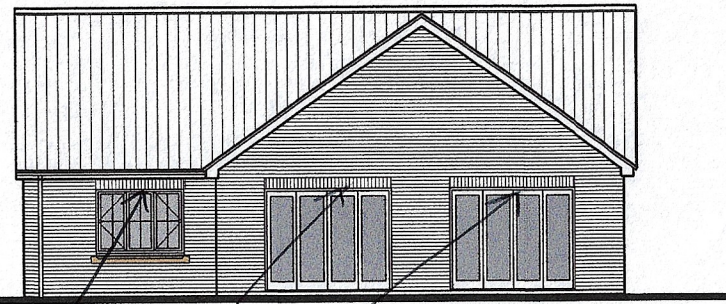
FRONT ELEVATION



SIDE ELEVATION



SIDE ELEVATION



REAR ELEVATION

weep vents installed
as per regs in brick arches.

| | | |
|-----|-------------|--------|
| A | FIRST ISSUE | OCT 21 |
| Rev | Description | Date |

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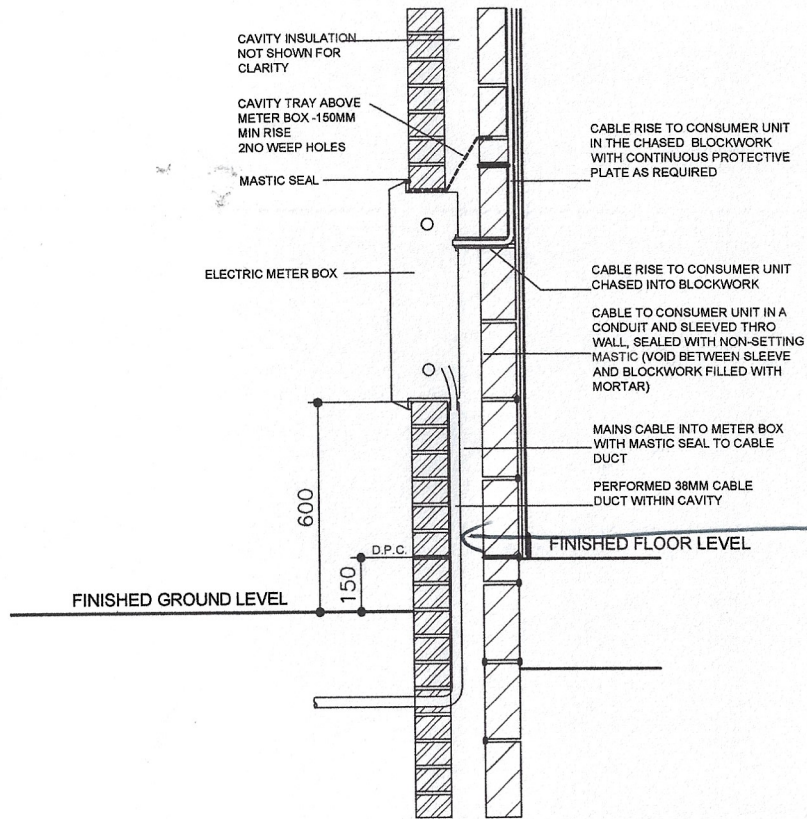
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Drawing
 HOUSETYPE 5 (T5)
 GENERAL ARRANGEMENT
 ELEVATIONS
 HANDED

Date: SEP 21 Scale: 1:100 @ A3

Drawing No: T5-03-01 HANDED A

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SECTION THRO' ELECTRIC METER BOX

NOTE:

METER BOXES TO BE INSTALLED IN ACCORDANCE WITH THE ELECTRICITY PROVIDER

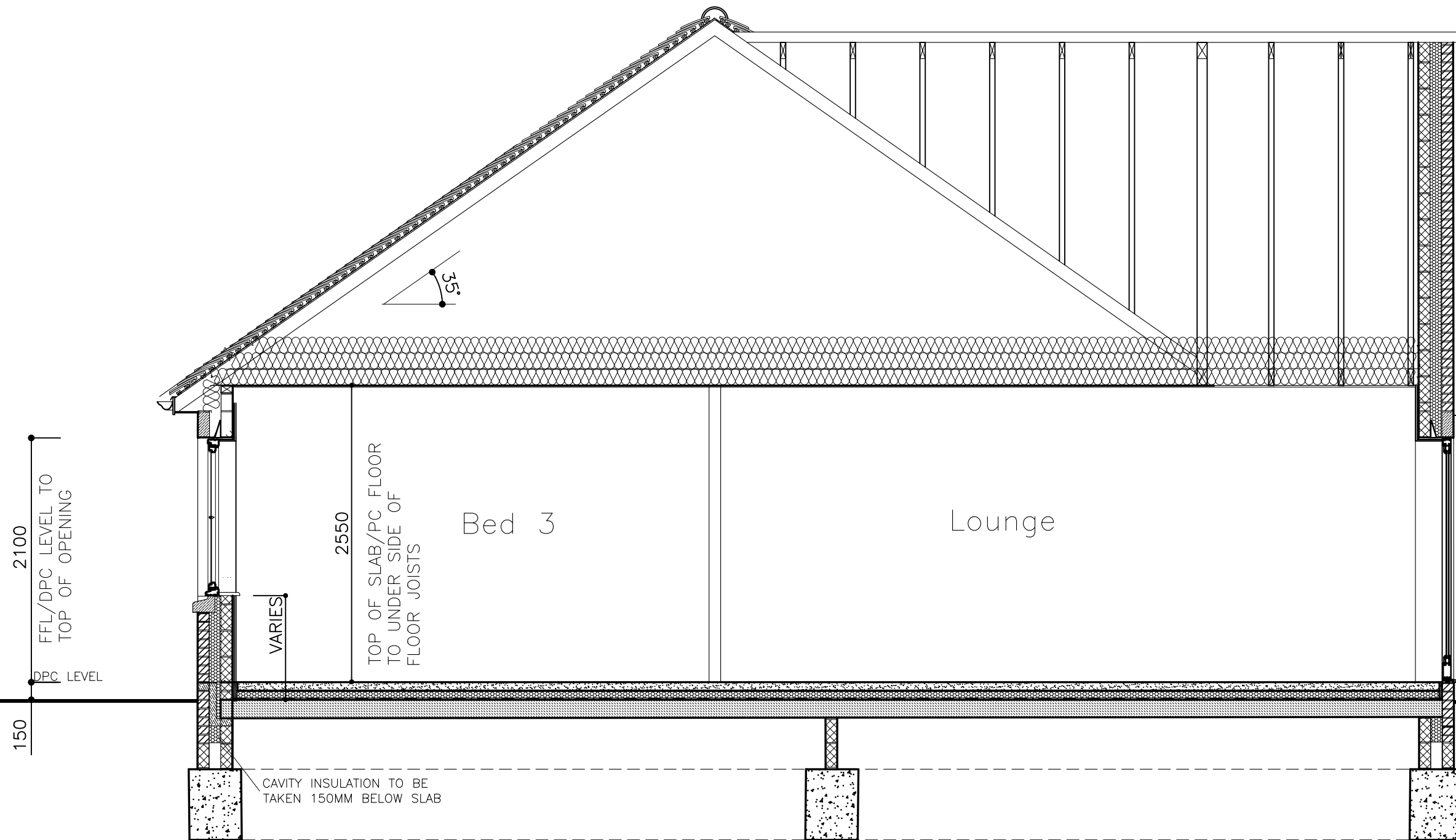
FOR EXACT LOCATION OF METER BOXES REFER TO HOUSE TYPE DRAWINGS.

CONSUMER UNIT TO BE FITTED A MAX OF 2 METRES AWAY FROM THE EXTERNAL METER BOX. IF C U IS FURTHER AWAY AN ISOLATION SWITCH IS REQUIRED TO BE FITTED WITHIN THE METER BOX AND ADJACENT TO THE C U WITH AN ARMoured CABLE BETWEEN THE TWO UNITS. ALL WORK TO BE APPROVED BY THE ELECTRICITY BOARD.

ENSURE HOCKEY STICK ON LEFT-HAND SIDE

10/10/2021 13:06:47

| Rev | Description | Date |
|--|-------------|------------------|
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| Client -- | | |
| Project LANSWOOD PARK ELMSTEAD COLCHESTER CO7 7FD | | |
| Drawing EXTERNAL ELECTRIC METER BOX DETAILS | | |
| SHEET 6 | | |
| Date | NOV 2020 | Scale: 1:20 @ A3 |
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SECTION A-A

| | | |
|-----|----------------------|--------|
| B | BI-FOLD DOOR REVISED | SPT 23 |
| A | FIRST ISSUE | OCT 21 |
| Rev | Description | Date |

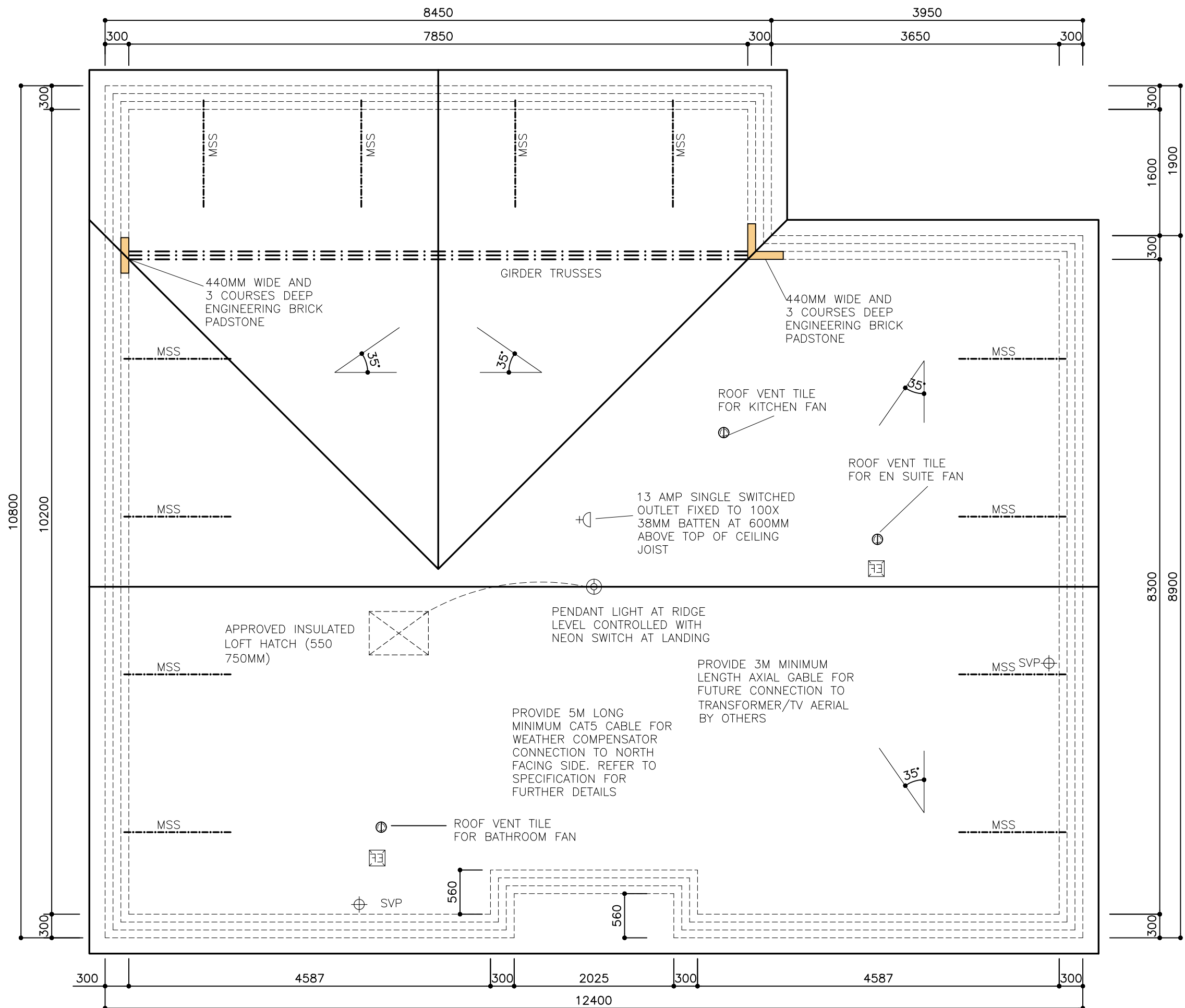
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Client --
 Project
**LANSWOOD PARK
 ELMSTEAD
 COLCHESTER CO7 7FD**
 Drawing
**HOUSE TYPE 5 (T5)
 GENERAL ARRANGEMENT
 SECTION A-A**

| | | | |
|------|----------|--------|------------------------|
| Date | SEP 2021 | Scale: | 1:20 @ A1 1:40 @ A3 |
|------|----------|--------|------------------------|

| | | |
|-------------|----------|---|
| Drawing No. | T5-04-01 | B |
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ROOF LAYOUT (HANDED)

THIS DRAWING TO BE READ IN CONJUNCTION WITH ROOF TRUSSES MANUFACTURER'S DRAWINGS AND SPECIFICATION

| | | |
|---|--|------------------|
| A | FIRST ISSUE | OCT 21 |
| Rev | Description | Date |
| HD Homa Design Architectural & Property Consultants Hyridge, Moor Road, Langham Colchester, Essex, CO4 5NR Tel: 01206 272247 Email: homa@homadesign.co.uk | | |
| Client | -- | |
| Project | LANSWOOD PARK ELMSTEAD COLCHESTER CO7 7FD | |
| Drawing | HOUSE TYPE 5 (T5) GENERAL ARRANGEMENT ROOF LAYOUT (HANDED) | |
| Date | NOV 2020 | Scale: 1:50 @ A3 |
| Drawing No. | T5-06-01 HANDED | A |
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20/09/2023 11:47:19

ALL EXTRACTOR FANS TO HAVE ISOLATING SWITCH LOCATION TO BE AREED ON SITE

- NOTES:
1. ALL ELECTRICAL WORKS TO BE CARRIED OUT AND CERTIFIED BY A QUALIFIED MEMBER OF IEE OR OTHER APPROVED ORGANIZATIONS AS REQUIRED UNDER CURRENT BUILDING REGULATIONS PART "P" AND TO THE REQUIREMENTS OF BS 7671: 2001 AND IEE WIRING REGULATIONS 19th EDITION.
 2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS AND MANUFACTURER'S SPECIFICATIONS/REQUIREMENTS
 - 3 REFER TO ROOF LAYOUT FOR SOCKET AND LIGHT REQUIREMENT WITHIN ROOF SPACE

| SYMBOL | DESCRIPTION |
|--------|---|
| | 13 AMP.TWIN SWITCHED SOCKET |
| | 13 AMP.SINGLE SWITCHED SOCKET |
| | 13 AMP.DOUBLE POLE FUSED SPUR |
| | 32 AMP.SPUR SWITCHED SOCKET |
| | 13 AMP.TWIN EXTERNAL SWITCHED SOCKET |
| | TELEPHONE POINT- HIGH SPEED ELECTRONIC NETWORK |
| | TELEVISION POINT |
| | ONE WAY SWITCH |
| | TWO WAY SWITCH |
| | INTERMEDIATE SWITCH |
| | NEON SWITCH |
| | CEILING LIGHT POINT (DOWNLIGHT) TO SITE SPECIFICATION |
| | CEILING LIGHT POINT (PENDANT) TO SITE SPECIFICATION |
| | SENSOR LIGHT |
| | WALL MOUNTED LIGHT REFER TO SITE SPECIFICATION |
| | EXTERNAL SURFACE MOUNTED LIGHT |
| | MANIFOLD UNITS |
| | ROOM THERMOSTAT |
| *1 | SMOKE DETECTOR |
| *1 | HEAT DETECTOR |
| | CONSUMER CONTROL UNIT |
| | EXTRACT FAN(REFER TO SPECIFICATION) |
| | COMBINED SHAVER AND STRIP LIGHT |
| | RADIATOR/TOWEL RAIL |

ALL SOCKETS, SWITCHES ETC., TO BE LOCATED BETWEEN 450 AND 1200mm FROM FIN FLOOR LEVEL

*1- SMOKE AND HEAT DETECTORS ARE TO BE MAINS OPERATE AND INTER LINKED WITH BATTERY BACK UP AND TO BS 5839-6, AT LEAST A GRADE D CATEGORY LD3 STANDARD.

| | | |
|-----|---------------------------------|--------|
| B | NOTE FOR ISOLATION SWITCH ADDED | OCT 21 |
| A | FIRST ISSUE | OCT 21 |
| Rev | Description | Date |

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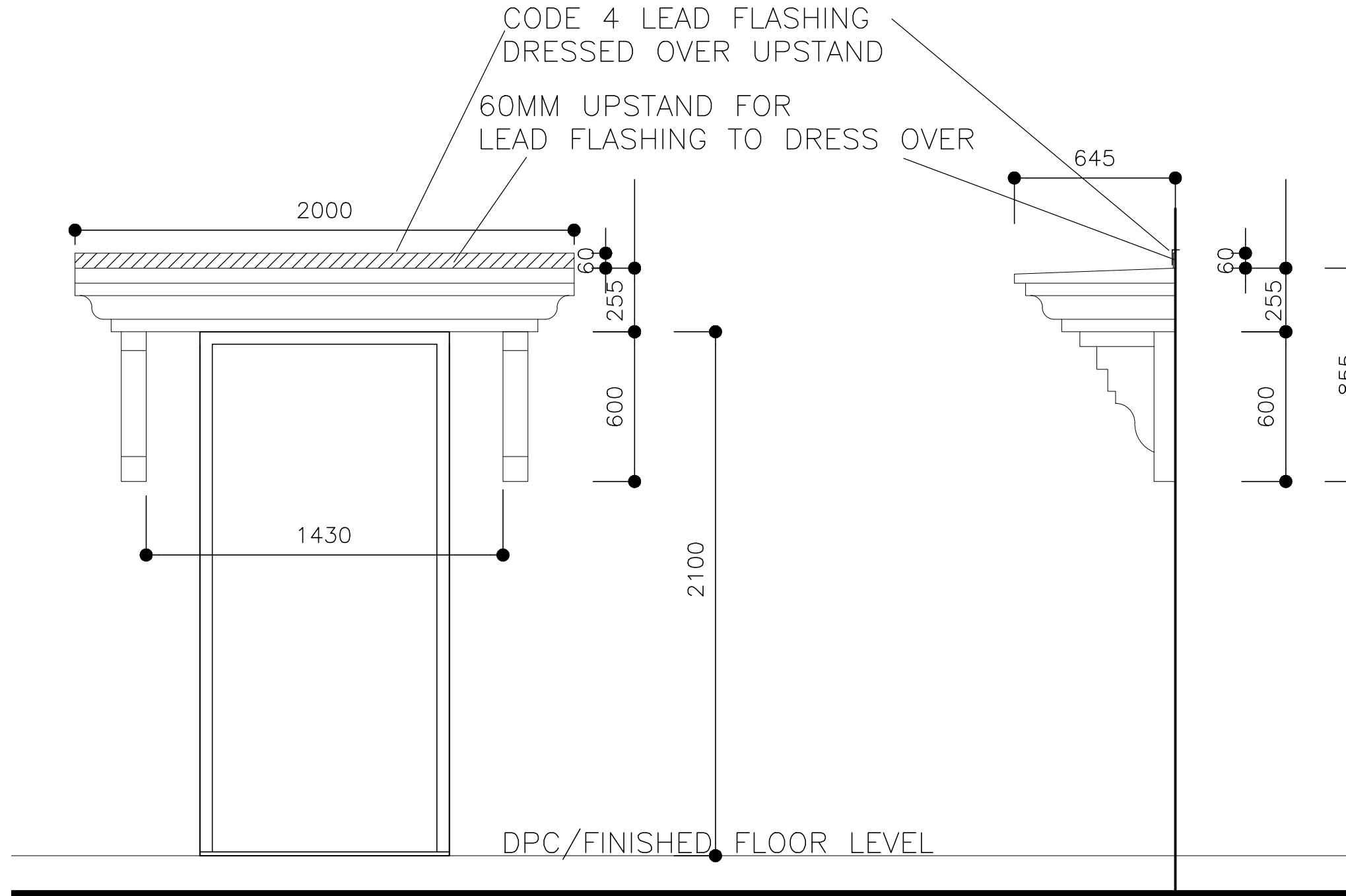
Client --
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 ELMSTEAD
 COLCHESTER CO7 7FD**

Drawing
**HOUSE TYPE 5 (T5)
 GROUND FLOOR PLAN
 ELECTRICAL & MECHANICAL
 SYMBOLS**

Date SEP 2021 Scale: 1:50 @ A3

Drawing No. T5-07-02 B

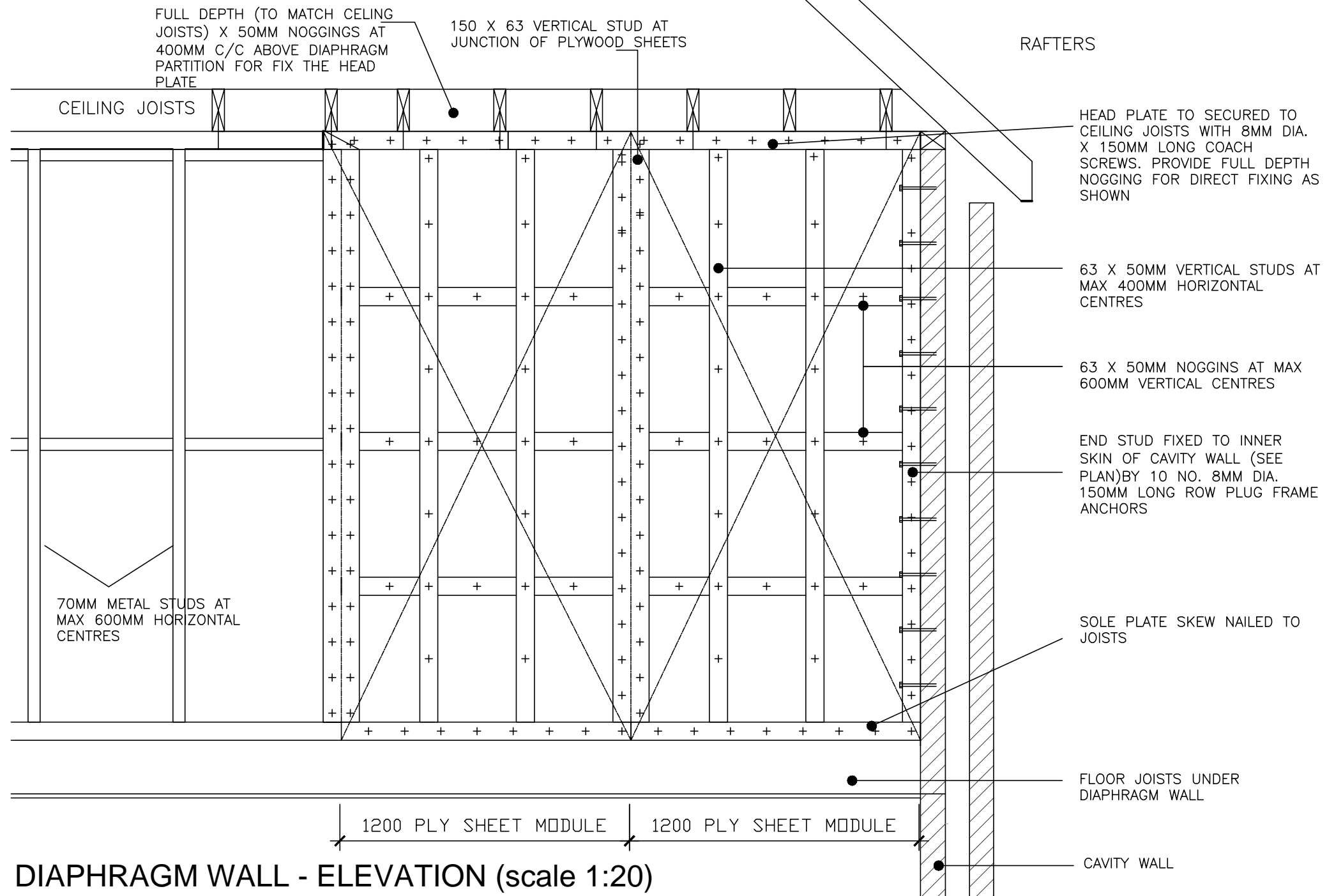
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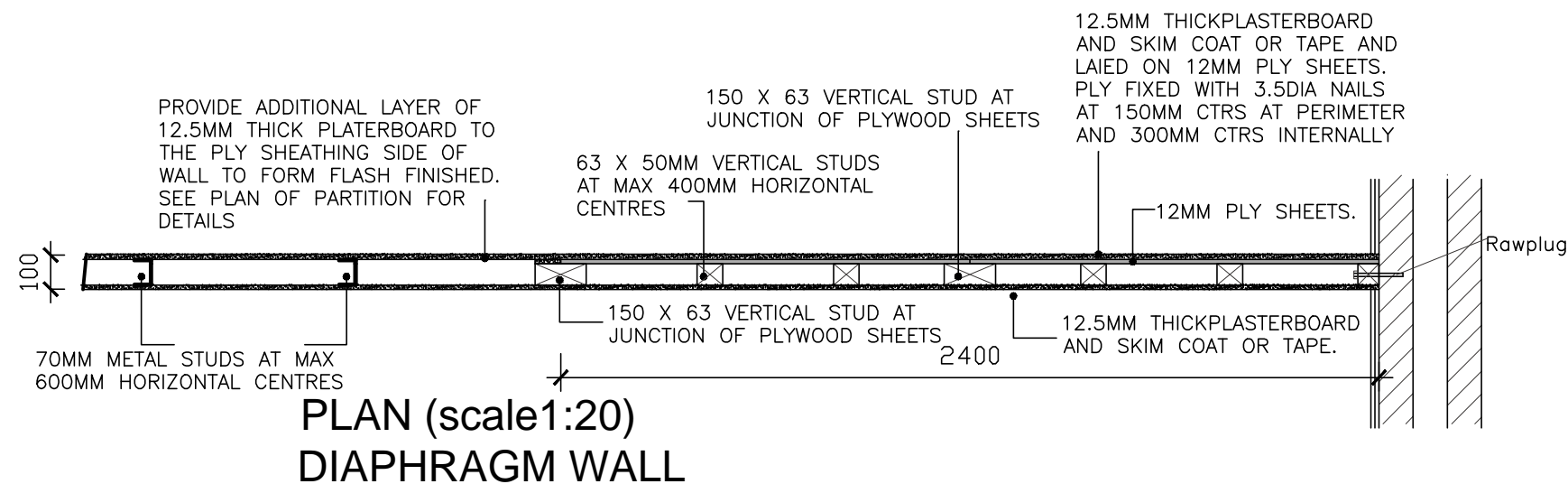
FRONT ELEVATIONS

SIDE ELEVATIONS

| Rev | Description | Date |
|--|-------------|------------------|
| - | - | - |
| <p>HD Homa Design Architectural & Property Consultants Hyridge, Moor Road, Langham Colchester, Essex, CO4 5NR Tel: 01206 272247 Email: homa@homadesign.co.uk</p> | | |
| Client -- | | |
| Project | | |
| LANSWOOD PARK ELMSTEAD COLCHESTER CO7 7FD | | |
| Drawing | | |
| TYPICAL CANOPY DETAILS HOUSE TYPES T1, T2, T3, T6 & T7 SHEET 5 | | |
| Date | NOV 2020 | Scale: 1:20 @ A3 |
| Drawing No. | DET-01-06 | - |
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DIAPHRAGM WALL - ELEVATION (scale 1:20)



**PLAN (scale 1:20)
DIAPHRAGM WALL**

| Rev | Description | Date |
|-----|-------------|------|
| | | |

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Client --
 Project
**LANSWOOD PARK
 ELMSTEAD
 COLCHESTER CO7 7FD**

Drawing
**DIAPHRAGM WALL (BRACING
 WALL) DETAILS**

SHEET 7

Date NOV 2020 Scale: 1:20 @ A3

Drawing No. DET-01-08

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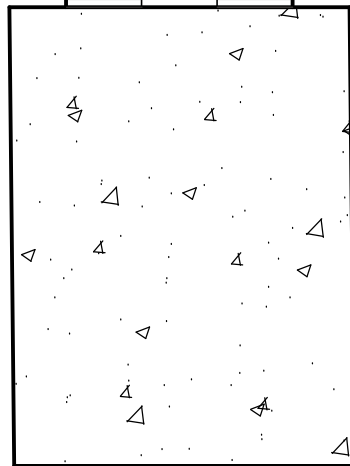
150
 DPC LEVEL MIN.
 GROUND LEVEL LEVEL

FACING BRICK TO BE TAKEN 3 COURSES BELOW ADJACENT GROUND LEVEL

7n COURSING BLOCK

7n BLOCK BELOW FLOOR LEVEL

CAVITY FILLED WITH MORTAR OR TAKE INSULATION TO TOP OF FOUNDATIONS OR USE TRENCH BLOCKS FOR THE FIRST COURSE



CAVITY INSULATION TO BE TAKEN 215MM MINIMUM BELOW BOTTOM OF PC FLOOR. IT IS RECOMMENDED TO BE TAKEN TO TOP OF FOUNDATIONS, OR USE SOLID TRENCH/FOUNDATION BLOCKS FOR THE FIRST COURSE. REFER TO "CONSTRUCTIVE DETAILS HANDBOOK"

DPM TO BE OVER LAPPED WITH DPC

25MM CELOTEX OR XTRATHERM VERTICAL INSULATION

DPC

225MM MIN. VENTED VOID.

75MM SAND AND CEMENT SCREED WITH D49 MESH

500 GAUGE VAPOR BARRIER

75MM CELOTEX OR XTRATHERM INSULATION

1200 GAUGE DPM

150MM PC FLOOR

450MM MIN.

| Rev | Description | Date |
|-----|-------------|------|
| - | - | -- |

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Client --
 Project
**LANSWOOD PARK
 ELMSTEAD
 COLCHESTER CO7 7FD**
 Drawing
**TYPICAL SECTION THROUGH
 FOUNDATIONS AND EXTERNAL
 WALL / PC FLOOR**

SHEET 8

Date NOV 2020 Scale: 1:20 @ A3

Drawing No. DET-01-09

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