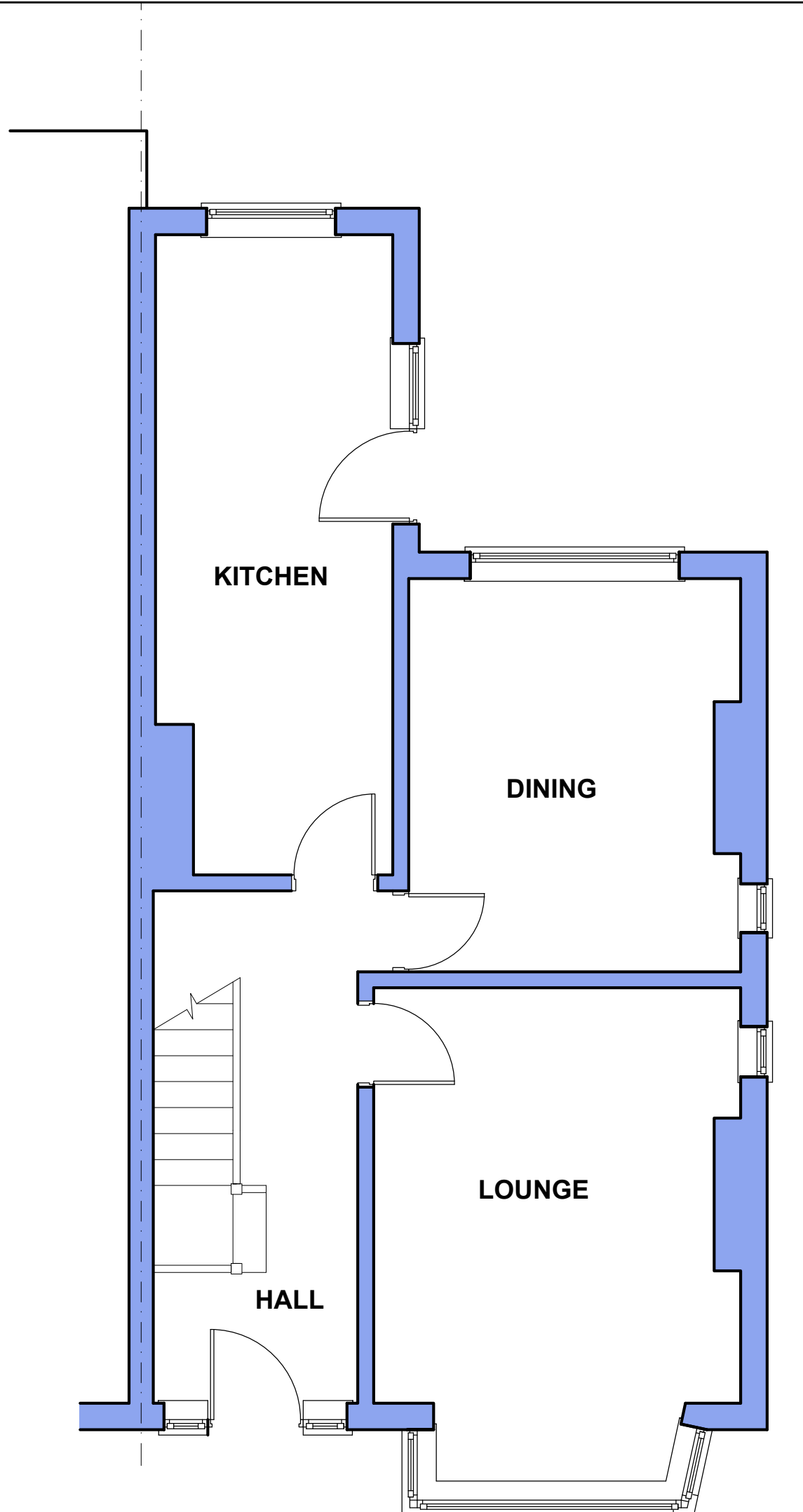
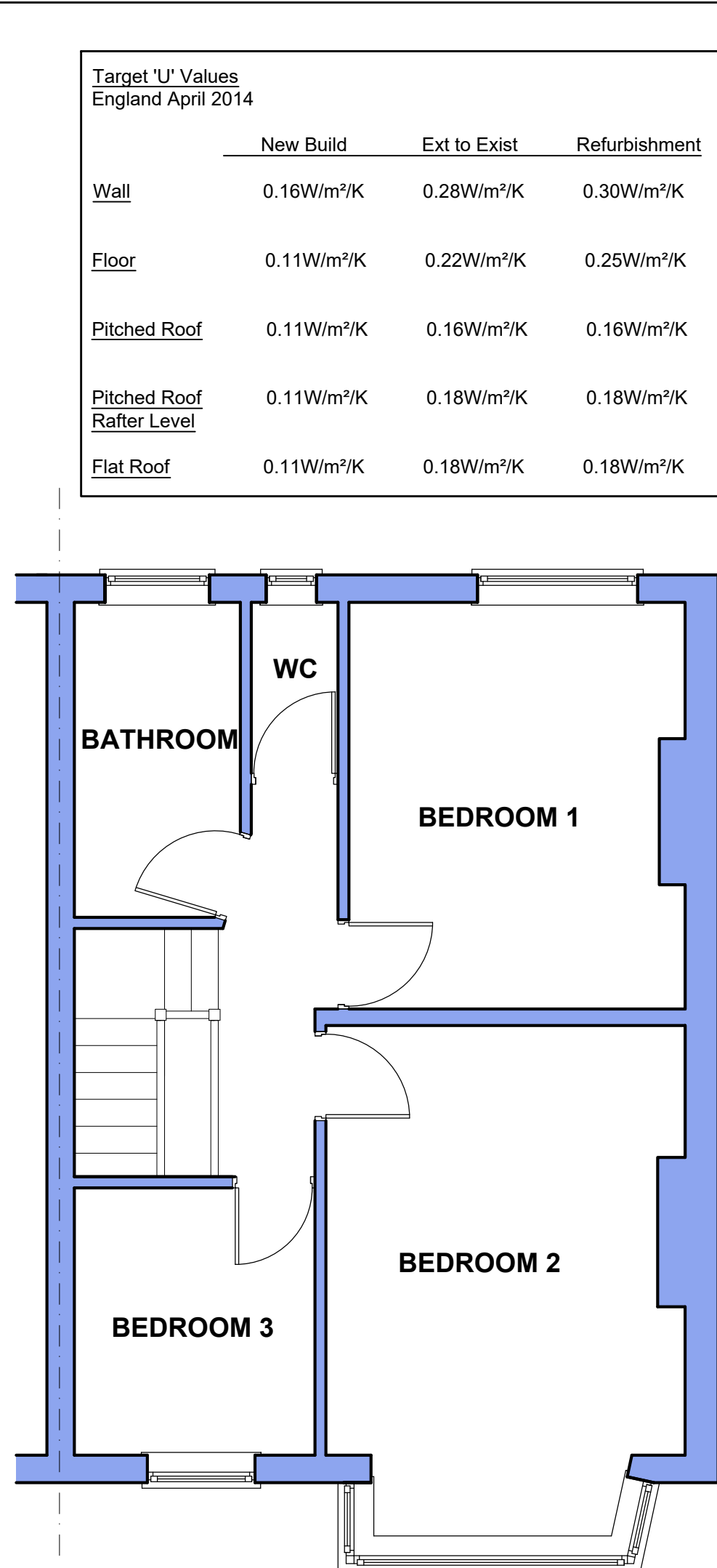


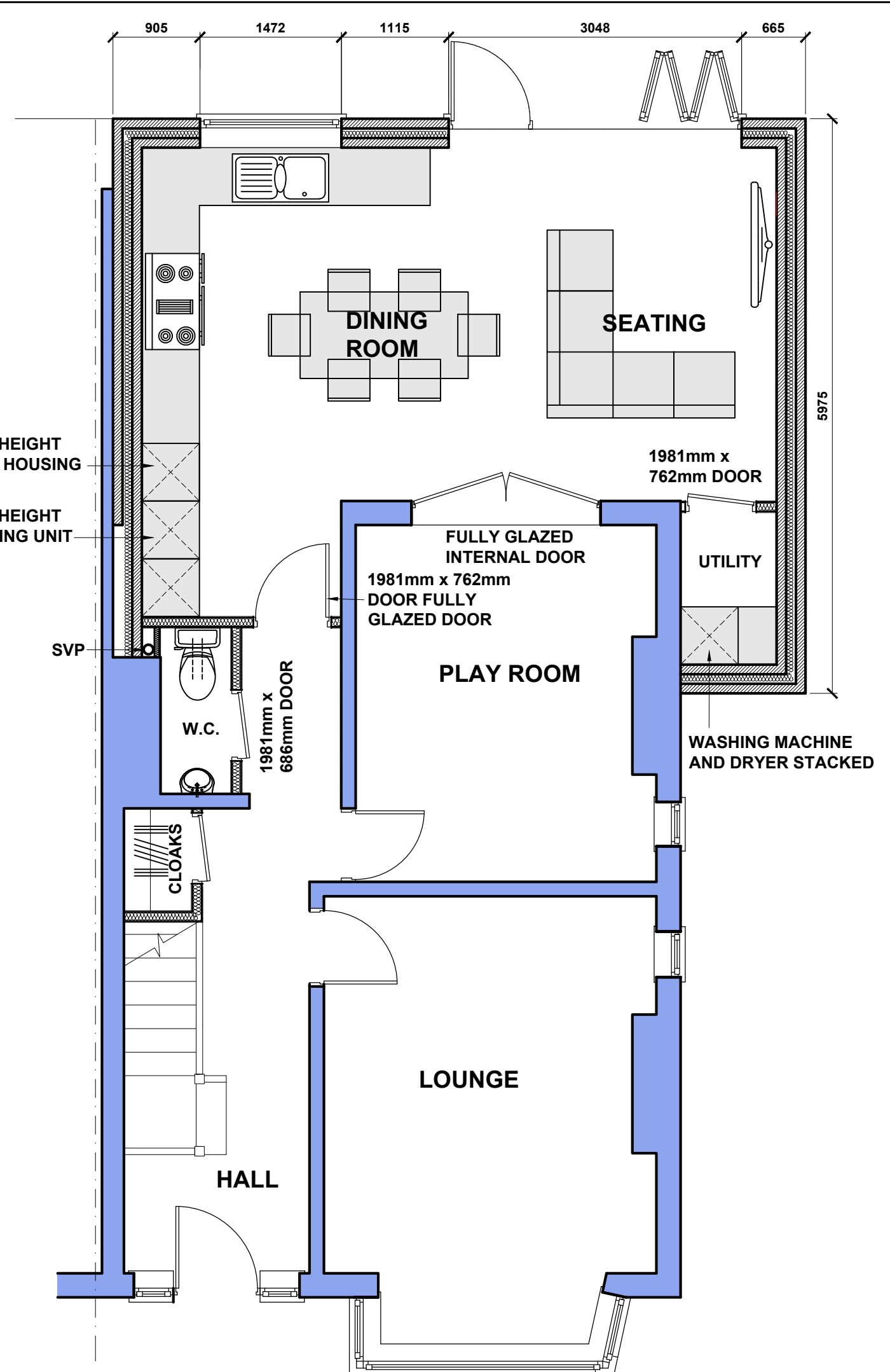
Target 'U' Values England April 2014			
	New Build	Ext to Exist	Refurbishment
Wall	0.16W/m²/K	0.28W/m²/K	0.30W/m²/K
Floor	0.11W/m²/K	0.22W/m²/K	0.25W/m²/K
Pitched Roof	0.11W/m²/K	0.16W/m²/K	0.16W/m²/K
Pitched Roof Rafter Level	0.11W/m²/K	0.18W/m²/K	0.18W/m²/K
Flat Roof	0.11W/m²/K	0.18W/m²/K	0.18W/m²/K



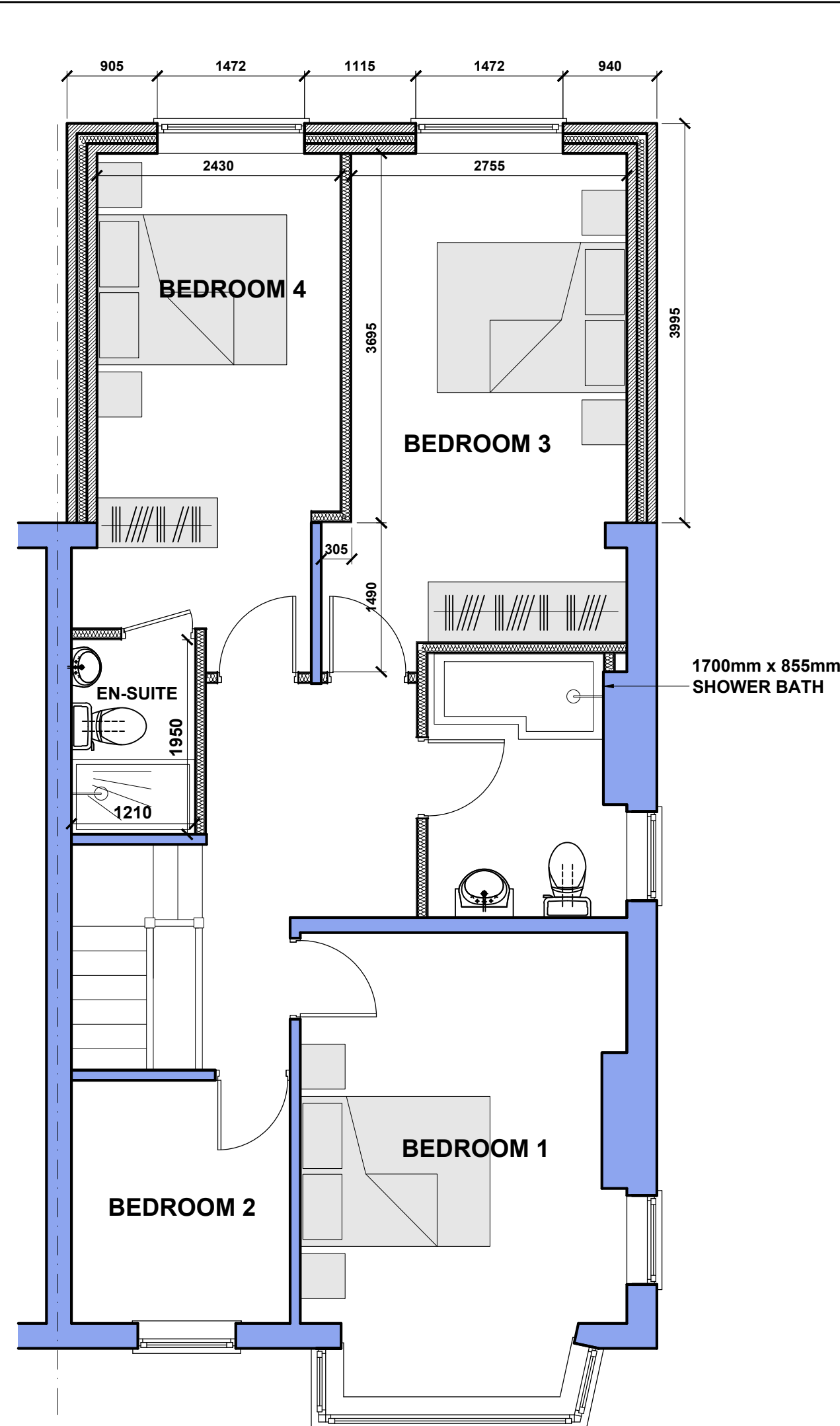
EXISTING GROUND FLOOR PLAN 1 : 50



EXISTING FIRST FLOOR PLAN 1 : 50

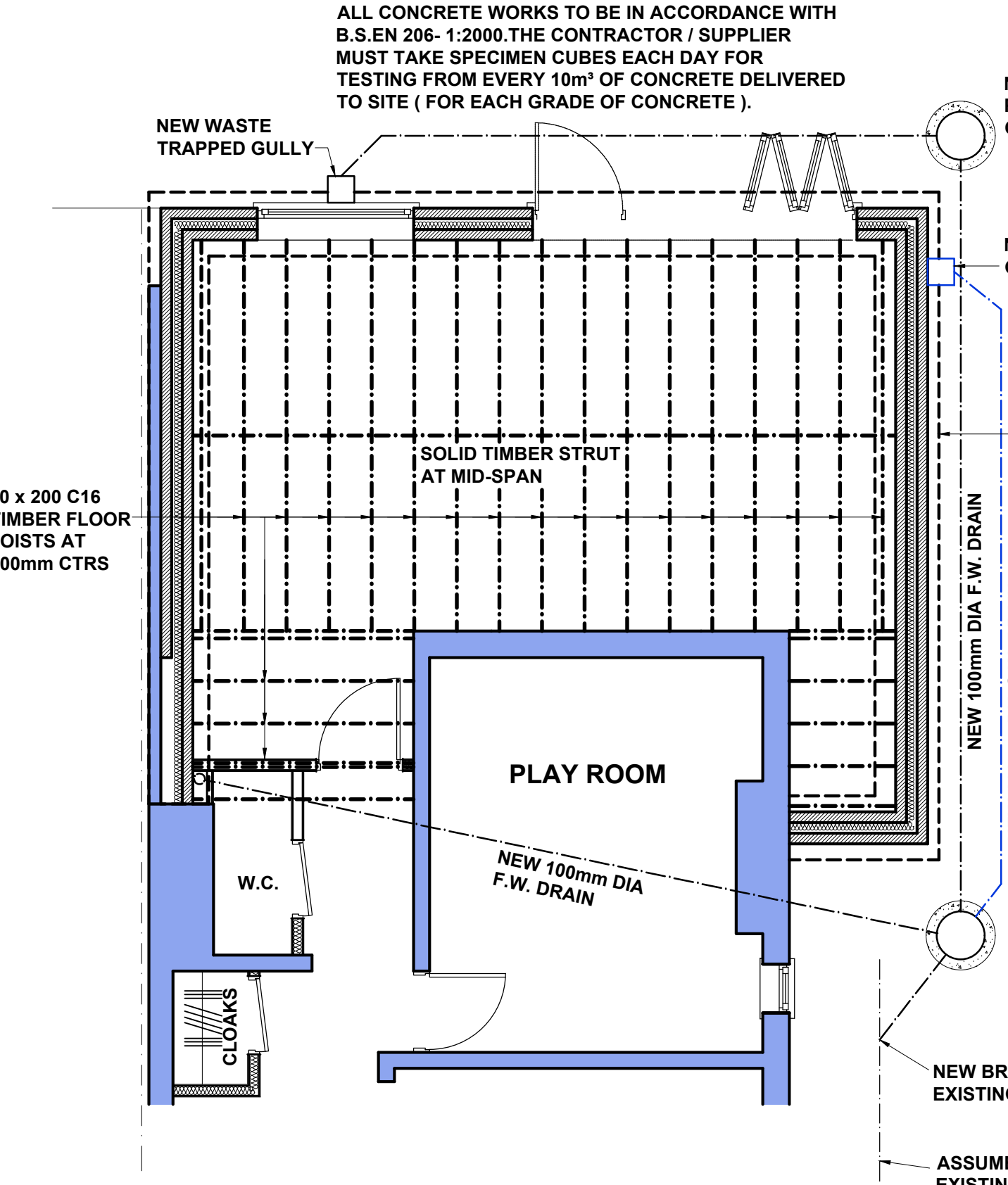


PROPOSED GROUND FLOOR PLAN 1 : 50



PROPOSED FIRST FLOOR PLAN 1 : 50

- Notes**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ARCHITECT'S DRAWINGS
 2. REFER TO ARCHITECT'S DRAWINGS FOR WALL SETTING-OUT DIMENSIONS AND BUILDING HEIGHTS.
 3. ALL SETTING-OUT DIMENSIONS MUST BE CONFIRMED ON SITE.
 4. ON NO ACCOUNT SHOULD THIS DRAWING BE SCALED-OFF.



PROPOSED GROUND FLOOR PLAN 1 : 50

ALL CONCRETE WORKS TO BE IN ACCORDANCE WITH B.S EN 206-1:2000. THE CONTRACTOR / SUPPLIER MUST TAKE SPECIMEN CUBES EACH DAY FOR TESTING FROM EVERY 10m² OF CONCRETE DELIVERED TO SITE (FOR EACH GRADE OF CONCRETE).

NEW 450mm DIA PPIC DEPTH TO BE CONFIRMED ON SITE

NEW WASTE TRAPPED GULLY

NEW RWP GULLY

NEW WALL CONSTRUCTION UPTO D.P.C TO BE:-
102.5mm CLASS B ENGINEERING BRICK UPTO D.P.C
100mm WIDE CAVITY FILLED WITH SLURRY CONC MIX UPTO 75mm BELOW D.P.C LEVEL.
100mm BLOCK INNER LEAF (MINIMUM COMPRESSIVE STRENGTH = 7N/mm²) WITH 12mm MIN. PLASTER FINISH. (MIN. U-VALUE TO BE ACHIEVED = 0.28 W/m² k)

600mm x 300mm (C20 MIX- 20N/MM²) CONCRETE STRIP FOUNDATIONS, CONCRETE STRIP FOUNDATIONS, AT MIN. DEPTH OF 1000mm. FINAL DEPTH TO SUIT LOCAL GROUND CONDITIONS AND TO THE SATISFACTION OF THE SUPERVISING OFFICER AND THE LOCAL AUTHORITY BUILDING INSPECTOR. CAVITY FILL TO BE BROUGHT TO WITHIN MINIMUM 150mm OF NEW DPC LEVEL.

NOTE: INSTALL 50mm CONCRETE OVERSITE BELOW TIMBER FLOOR JOISTS

TEMPORARY WORKS SHORING TO EDGES OF FOUNDATIONS TO BE UNDERTAKEN BY CONTRACTOR. ALL TEMPORARY WORKS DESIGN TO BE UNDERTAKEN WITH SCHEME ISSUED TO CLIENT PRIOR TO ANY WORKS BEING UNDERTAKEN.

NEW 100mm DIA F.W. DRAIN

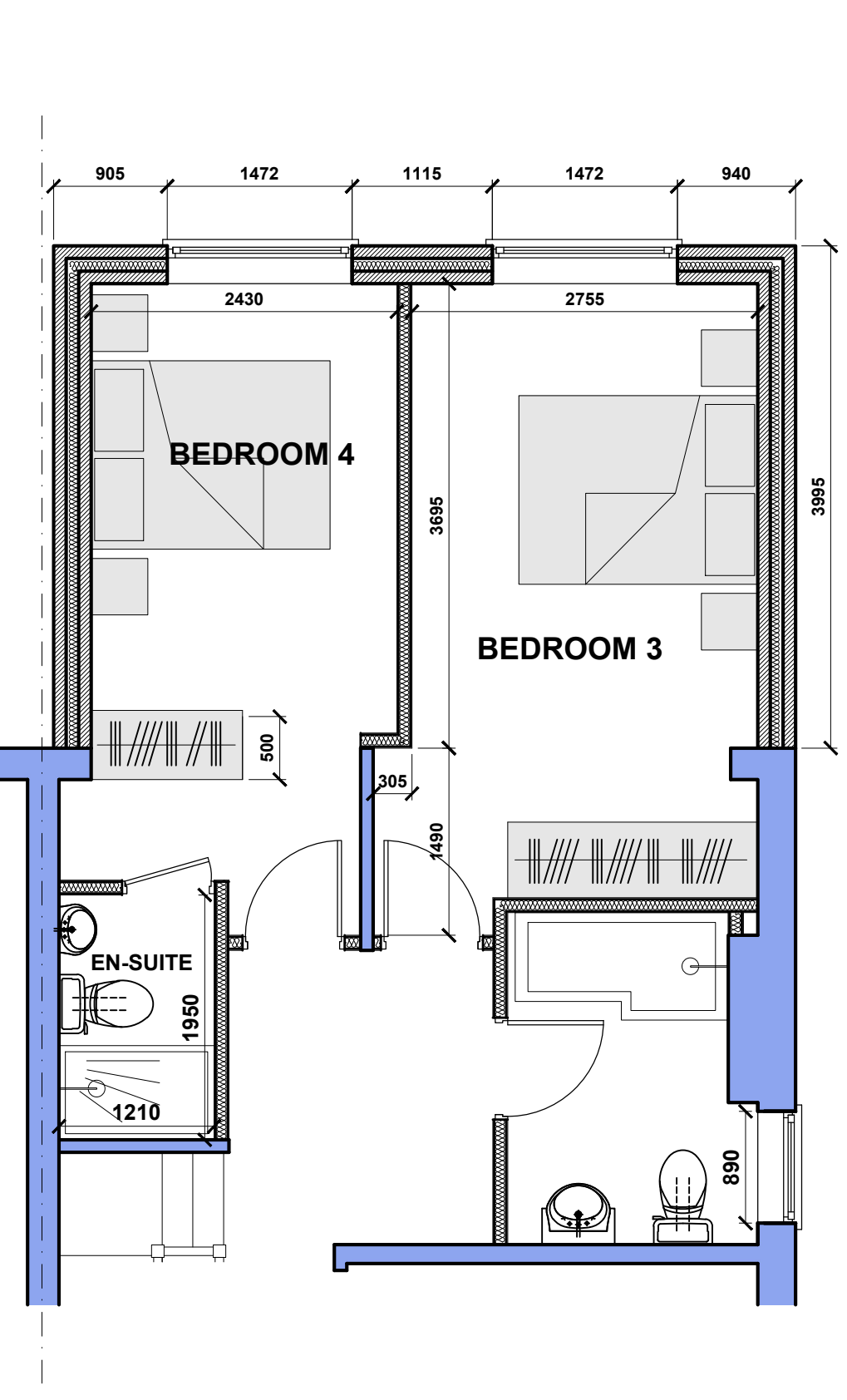
NEW 100mm DIA S.W. DRAIN

NEW 450mm DIA PPIC DEPTH TO BE CONFIRMED ON SITE

NEW BRANCH ONTO EXISTING DRAINAGE LINE

ASSUMED LINE OF EXISTING DRAIN

EXISTING DRAINAGE RUNS TO BE ESTABLISHED ON SITE PRIOR TO WORKS STARTING. RESULTS TO BE PROVIDED TO ENGINEER AND REPORTED TO BUILDING CONTROL TO AGREE PROPOSED DRAINAGE INSTALLATION ON SITE.



PROPOSED FIRST FLOOR PLAN 1 : 50

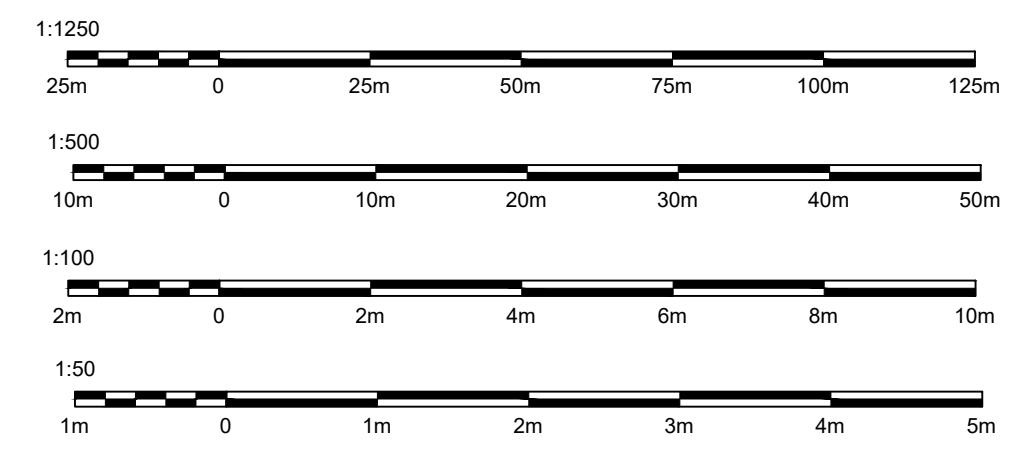
NEW WALL CONSTRUCTION TO BE:-
K-REND RENDER (AS CLIENT SPECIFICATION)
100mm BLOCK OUTER LEAF (MINIMUM COMPRESSIVE STRENGTH = 7N/mm²)
100mm WIDE CAVITY WITH ROCKWOOL INSULATION (OR SIMILAR APPROVED)
100mm 3.5N BLOCK INNER LEAF (MINIMUM COMPRESSIVE STRENGTH = 7N/mm²)
WITH 12mm MIN. PLASTER FINISH. (MIN. U-VALUE TO BE ACHIEVED = 0.26 W/m² k)

CONSTRUCTION WORKS:-
ATTENTION SHOULD BE DRAWN TO ALL DRAINAGE, WATER, GAS AND OTHER MAINS OR POWER SERVICES KNOWN TO EXIST ON OR OVER THE SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY ENQUIRIES AND SCANS PRIOR TO COMMENCEMENT OF WORK.

ADEQUATELY PROTECT, UPHOLD, MAINTAIN AND PREVENT DAMAGE TO ALL SERVICES. DO NOT INTERFERE WITH THEIR OPERATION WITHOUT CONSENT OF THE SERVICE AUTHORITIES OR PRIVATE OWNERS OR THE CONSULTING ENGINEER AS APPROPRIATE. ANY DAMAGE TO THE EXISTING SERVICES SHOULD BE IMMEDIATELY REPORTED TO THE CONSULTING ENGINEER AND APPROPRIATE AUTHORITIES.

THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY FENCING, HOARDINGS, PLANKED FOOTWAYS, GUARD RAILS AND HAZARD LIGHTS TO THE CLIENTS APPROVAL AS NECESSARY FOR THE PROTECTION OF THE EXISTING STAFF AND FOR THE PROPER EXECUTION OF THE WORKS.

THE CONTRACTOR IS TO INCLUDE FOR ISSUING ALL REQUIRED NOTICES TO THE LOCAL AUTHORITY AND ENVIRONMENTAL AGENCY IF REQUIRED PRIOR TO COMMENCEMENT, DURING THE WORKS AND UPON COMPLETION. IT IS THE CONTRACTOR'S SPECIFIC RESPONSIBILITY TO ENSURE ALL REQUIRED NOTICES ARE ISSUED AT THE CORRECT TIME.



R+R DESIGN

- STRUCTURAL ENGINEERS
- SURVEYORS
- PROJECT MANAGERS
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Title
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HUYTON
LIVERPOOL
L36 6EF**

Title
**EXISTING AND PROPOSED
GENERAL ARRANGEMENTS**

Scale **AS SHOWN A1 SHEET**

Drawing No.
E2417/01A