

FOUNDATIONS
TO BE IN ACCORDANCE WITH STRUCTURAL ENGINEERS
DETAILS/ LOCAL AUTHORITY REQUIREMENTS
FOUNDATIONS TO BE IN SITU CONCRETE STRIP FOOTINGS
SIZE AND DEPTHS AS ENGINEERS DETAILS AND IN
ACCORDANCE WITH BUILDING INSPECTORS
REQUIREMENTS SUBJECT TO LOCAL GROUND
CONDITION. TOP OF FOUNDATION TO BE NOT LESS THAN
900MM BELOW EXTERNAL GROUND LEVEL.
BRICKWORK BELOW GROUND WATERLAIN IN MORTAR TO
BS 5628 PART 3:1985 UP TO DPC LEVEL. BLOCKWORK
BELOW DPC LEVEL TO COMPLY WITH BS 8073 AND HAVE A
COMPRESSIVE STRENGTH OF AT LEAST 7N/SQ.MM LAID
TO BS 5628 PART 3:1985 OR 1:5:5 (CEMENT:lime:sand
WITH PLASTICISER) UP TO DPC LEVEL. SULPHATE
RESISTING CEMENT IS TO BE USED WHERE SULPHATES
ARE PRESENT IN THE GROUND OR IN THE GROUND
WATER. CAVITIES BELOW GROUND TO BE FILLED WITH
WEAK MIX CONCRETE TO 225MM BELOW DPC LEVEL.

EXISTING FOUNDATIONS SUBJECT TO ADDITIONAL LOADS
TO BE EXPOSED AND CHECKED/AGREED WITH BUILDING
CONTROL SURVEYOR

BELOW GROUND DRAINAGE
NEW FOLL AND SURFACE WATER RUNS TO BE
DISCHARGED SEPARATELY, CONNECTING INTO NEW
IC LOCATED WITHIN SITE BOUNDARY PRIOR TO
DISCHARGING INTO EXISTING IC. ALL PIPEWORK TO
BE CONSTRUCTED IN VITRIFIED CLAY PIPEWORK BY
HEPMORTHS OR SIMILAR APPROVED. ALL PIPE
JOINTS TO BE SEALED IN ACCORDANCE WITH
MANUFACTURERS RECOMMENDATIONS AND TO BE
ENCASED IN MINIMUM 150MM CONCRETE COVER ALL
ROUND.

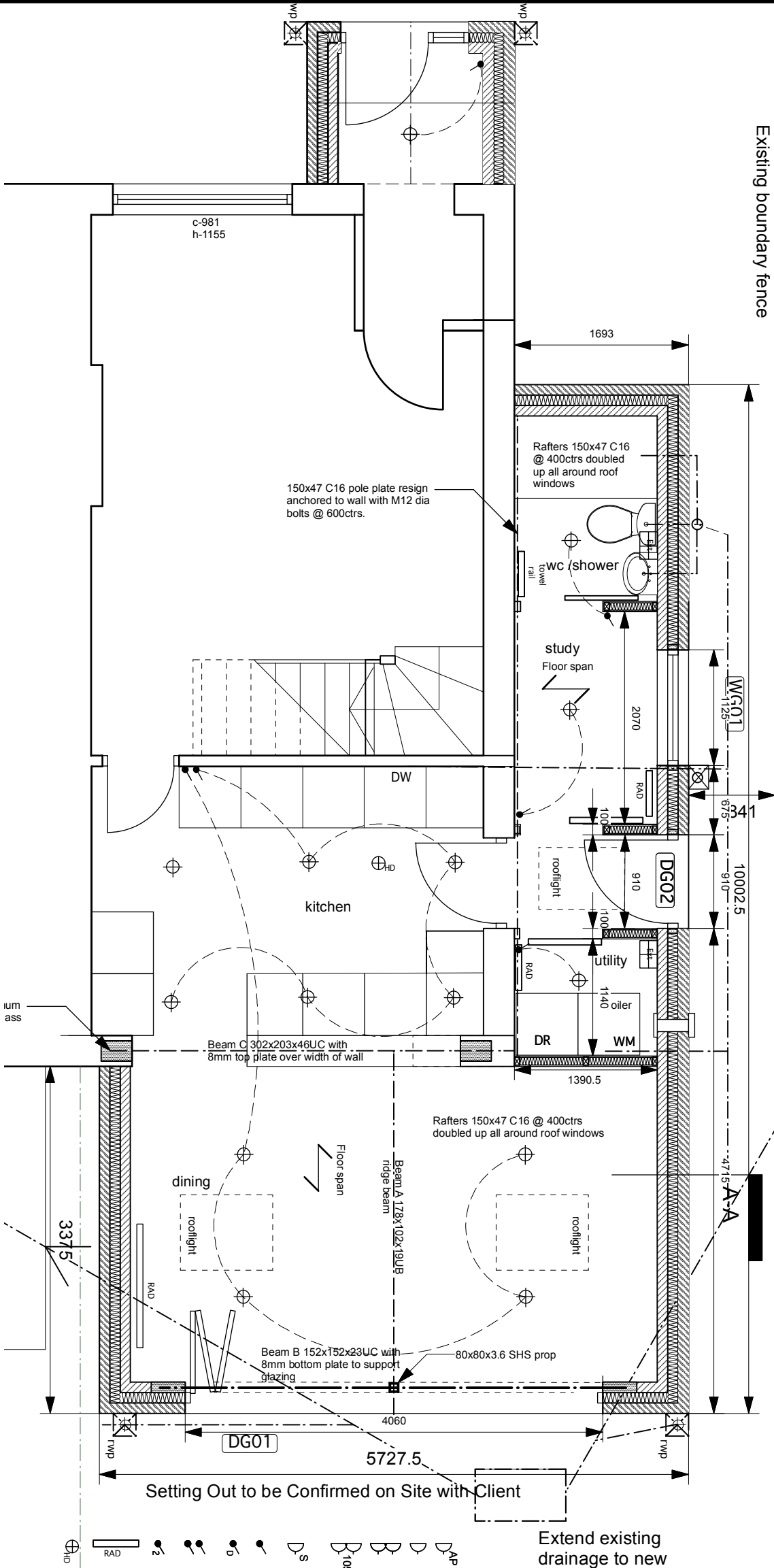
EXTERNAL WALLS
LOAD BEARING CAVITY EXTERNAL WALL
CONSTRUCTING TO ACHIEVE MAX U VALUE OF
0.30W/M SQ. TO BE MADE UP AS FOLLOWS:

INTERNAL SKIN OF PROPRIETARY 100MM THICK
MEDIUM DENSITY CONCRETE BLOCKWORK (7N/MM
SQ.) WITH 50MM KINGSPAN KOOLTHERM CAVITY
BOARD INSULATION
EXTERNAL 102.5MM FACING BRICK TO MATCH
EXISTING TO APPROVAL

INNER AND OUTER LEAVES OF CAVITY WALL
CONSTRUCTION TO BE TIED @ MAX 750MM CTRS
HORIZONTALLY. 450MM CTRS VERTICALLY USING
PROPRIETARY STAINLESS STEEL SAFETY TYPE
VERTICAL TWIST DRIP WALL TIES ANCON SDS (WIRE
TIES NOT TO BE USED). DEPTH OF PENETRATION
INTO MASONRY TO BE BETWEEN 50MM AND 80MM.
OPENING TO BE TIED @ 225MM VERTICAL CTRS.
HIGH PERFORMANCE BITUMINOUS DPC TO BE
INCORPORATED TO BOTH LEAVES OF MASONRY @
150MM ABOVE EXTERNAL GL.

ALL OPENINGS IN EXTERNAL WALLS TO
INCORPORATE VERTICAL DPC'S TO EACH JAMB,
EXTENDING INTO THE BACK OF DOOR/WINDOW
FRAME.

Existing boundary fence



Site Location Plan 1:1250



Electrical key

- | | | | |
|-------------------|--|-----|---|
| D ^{AP} | Single 13A fused appliance socket outlet | LED | LED recessed spot light with fire protected ceiling cowl |
| D | Single 13A socket outlet low level | 13A | 13A ceiling pendant light fitting |
| B | Double 13A socket outlet low level | M | Mains wired ceiling mounted smoke alarm |
| B ¹⁰⁵⁰ | Double 13A socket outlet located 1150mm AFFL | Ext | Exterior security light fitting with motion sensor |
| D ^S | Single 13A socket outlet located 450mm AFFL with illuminated switched spur located 1050mm AFFL | Sh | Shaver point |
| • | Single wall mounted one way light switch | W | Wall mounted 15/s extraction unit connected to light switch with 15mm overrun |
| • | Double wall mounted one way light switch | D | Distribution point |
| • | Double wall mounted two way light switch | TV | TV Aerial / digital point |
| • | Single wall mounted one way light switch | AL | Alarm Control panel |
| • | Wall mounted steel radiator | FCU | 13AMP Switch FCU |
| • | ceiling mounted heat detector mains wired | | |

Extend existing drainage to new

Setting Out to be Confirmed on Site with Client

rev	description	Date	By
A	Plan updated	14/04/21	SPL
B	Structural design updated	15/04/21	SPL
C	bi-fold door opening dimensions amended	30/04/21	SPL
D	rooflight added to side extension		
E	Notes amended	06/05/21	SPL
	Site Location plan added	13/07/21	

Date:
March 2021

Drawing No:

20112/D/01-E

Project:
16 Bolesworth Close
Manchester M21 9BE

Drawing:

Proposed Ground Floor Plan

SCALE 1:50

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