

STEEL COLUMNS LC1, 2 & 3  
TO HAVE 15TK CAP PL & BASE PL  
AND M16 BOLTS GRADE B8  
TO SUPPORT ROOF CRANKED  
BEAMS RB3, 4 & 5



REAR

FOR ENTIRE PROPERTY  
CAREFULLY REMOVE  
EXTG 2F CEILING JOISTS AND  
NEW LOFT FL JOISTS.  
CONTRACTOR TO PROVIDE  
ADEQUATE LATERAL SUPPORT  
TO EXTERNAL WALLS TO  
MAINTAIN LATERAL  
STABILITY

NOGGINS BETWEEN  
FLOOR JOISTS FOR  
ENTIRE WIDTH  
STORAGE TANK & PUMP  
SET FOR WATER MIST SYSTEM

CUPBOARD MAY  
NEED TO BE  
WIDENED TO SUIT  
SYSTEM REQUIREMENT

CONTRACTOR TO  
COMPLY WITH PARTY  
WALL AWED TERMS.  
TAKE GREAT CARE  
IN CUTTING OUT PARTY  
WALL & NOT TO DAMAGE  
WALL FINISHES /  
BRICK ON ADJOINING  
OWNER'S SIDE.

NEW TIMBER STAIRCASE

LOFT  
SPACE



STEEL BEAMS & NEW  
FLOOR JOISTS WITHIN  
SAME STRUCTURAL ZONE.  
ALL EXTG CEILING JOISTS REMOVE  
NOGGINS 50X150 HIGH  
FOR ENTIRE WIDTH

RIDGE LINE  
OVER

SHIFT DOOR TO ALTERNATIVE  
POSITION IF THIS SPACE IS  
DESIRABLE FOR WATER  
MIST SYSTEM TANK &  
PUMP SET

WILLIAM LAI CONSULTING ENGINEERS LTD  
123 Redland Drive  
Loughton  
Milton Keynes MK5 8BP  
Tel: 07802 407 590  
E-mail: william\_consulteng@hotmail.com

Job Title:  
**9 QUEENSMEAD  
ST JOHN'S WOOD PARK  
LONDON NW8 6RE**

Drawing Title:  
**PROPOSED 3F PLAN (LOFT FL)**

Drawn By: Scale:  
**W LAI 1:50 at A3**

Job No: Drawing No: Revision:  
**1310 S05 C**

No.8

LOAD BEARING  
TIMBER STUD WALL  
BOLTED TO TOP FLANGE  
OF STEEL BEAM  
TO SUPPORT EXISTING  
RAFTERS



FRONT

**KEYS**

- LFB LOFT FL BEAM
- LFJ LOFT FL JOIST
- SP 50X200 AT 400
- ST STEEL BEAM SPLICE
- ST INSULATED TIMBER STUD WALL

