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Heanor,
Derbyshire, DE75 7EG.

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UKNS.

30/09/2021

Dear Sirs

Ref: Technical Advice - 'House Extension'

I have recently produced plans, details and drawings for a house extension to front and rear of a detached dwelling in Manchester and the proposals have been approved... Conditionally!! - However due to the property being within 250m of a "red line" site both the planning and building control approvals request additional details / Information to prevent ingress of ADS. Roads, water in addition to a standard Drain...

Would you please provide technical advice / detail for assistance in this, for each of the two floor construction details. as per attached Drawing / Details:-
• Front extension - solid ground bearing sks As Detail 11 on Drawing 11 attached.

• Rear extension - suspended floor above oversite on

Detail 12 on Drawing 12.

Your help/advice would be greatly appreciated in order to address the concerns of both the LPA and LABC etc.

Regards: Simon Jackson

Diagram illustrating a cross-section of a roof assembly, showing various layers and components:

- CONTINUOUS UPPER LEFT VENT TO ROOF SALES TO COMPRESS ROOF INSULATION/ROCKWOOL 50mm BELOW BREATHABLE FELT.**
- ROCKWOOL QUIET WOOL ROOF INSULATION TOTAL 170mm IN 2x LAYERS**
- FOURFOOT BETWEEN TOLER MINER 125x50**
- 50/65 TIMBER LAGERS JOISTS @ 400x**
- 125**
- 120mm TREATED SW TIMBER LAGERS CLAVES INTO UNDER LAY/OVER LAYERS**
- ASTNIC COOKER OR 3A COOKER CG 90/100 OPEN BACKED STEEL UNFELS ETC**
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- Box 100**

MIN 150mm

OPC

20mm INSLATE

400mm VIBR

MEMBRANE

G Floor

FOUNDATIONS (GENERAL) ALWAYS SUBJECT TO PREVAILING SITE AND GROUND CONDITIONS AND ULTIMATELY TO FOUNDATION AND APPROVALS OF UACCO ON SITE. TYPICALLY EXCAVATE A 600 WIDE TROUGH TO A MIN. DEPTH OF 800-1000MM TO LOCATE SUITABLE CLAY FIRM BEARING SUBSTRATA AND ONCE INSPECTED AND APPROVED BY UACCO ON SITE CAST A 600 WIDE x 200 TALL TRADITIONAL CONC. STRIP FOUNDATION TO A DEPTH SUFFICIENT TO OVERCOME POTENTIAL SOIL MOVEMENTS AND AS DETAIL (H) BUILD UP TO DPC OF CONC. IN VELCON (H) 300 OR 4 CONC. TRENCH BLOCKS AND 2x JOINTS CLASS 5 ENG. BRICKS TO BS 3921 AND WEAK MIX CONC. CAVITY FILL BETWEEN BRICK UP TO 225 BELOW DPC/BALEWATER TO SLOPE OUTWARDS AND REINFORCES BACKFILL IN CLEAN SAND UP TO FLOOR SUB FOUNDATION AND EXTERNAL GROUND REINSTATEMENT USING MIN. 150 BELOW DPC.

PROFILES INTERLOCKING, CONC. ROOF TILES SELECTED TO MATCH EXISTING ONTO SOLIDS
TANALISED BATONS, BREATHABLE ROOFING FELT TO BS 747 DRAPE OVER ROOF
SPACES AND PLANK BOARDS E GAGES AS DETAIL (A) TO ALLOW MOISTURE / DRIVEN
RAINT RUN DOWN BEHIND TILES AND INTO GUTTERS & EAVES

• USE MIN EX 125x50 SC3/16 COMMON BUTTERFLY ROOF SPAC AND CEILING
JOISTS FROM C 400K TO WAJDATE SC EAVES AS DETAIL (A) AND ONTO EAV-
ORIGINAL WAJDATE AND NEW 2/150x50 PURUN SPANNING BETWEEN STRESS,
APERTURE FORMED TO EXTEND DOWN C FRONT TO SUIT MAX 1.1M TO CILL.

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- A hand-drawn architectural section of a building, likely a residential structure, showing an escape window and its details. The drawing is labeled with various parts and dimensions:
- ESCAPE WINDOW/S**: The main title at the top left.
 - DOOR**: A door is shown at the top right, leading to a **SILL 100 MAX** level.
 - DETAIL (A)**: A circular callout showing a detail of the window frame and the **ESCAPE WINDOW** opening.
 - DETAIL (B)**: A circular callout showing a detail of the window frame and the **ESCAPE WINDOW** opening.
 - DETAIL (E)**: A circular callout showing a detail of the window frame and the **ESCAPE WINDOW** opening.
 - Plant**: A plant is shown on the left side of the window.
 - 750 AS EXL**: A dimension indicating the height of the window frame.
 - 150**: A dimension indicating the height of the window frame.
 - 600 MIN**: A dimension indicating the height of the window frame.
 - 200**: A dimension indicating the height of the window frame.
 - 600 MIN**: A dimension indicating the height of the window frame.
 - LONGER**: A label for the lower part of the structure.
 - AREDA**: A label for the lower part of the structure.

ORG N^o

