

FOUNDATION NOTES GARAGE

1. Top of foundations 600 below FFL. U.N.O.
2. All pad foundations to be 1800x1000x1700 deep central about post U.N.O.
3. All Strip foundations to be as noted wide x 1700 deep UNO about wall and to be founded minimum 2150mm below E.G.L.
4. Concrete grade to be GEN 1 to BS8500 & BSEN206
5. Excavations to be inspected by the Building Inspector prior to placing of concrete.
6. All concrete to be well compacted.
7. Underside of foundations to be a minimum of 2150 below existing ground level, and to bear min 300 into Marine sand bed & min 300 below current tree root development.
8. Any soft spots, bad ground etc. to be removed and filled with lean mix concrete.
9. Underside of foundations to have a minimum of 75 mm of GEN1 blinding, if excavation left open for more than 6 hours.
10. Setting-out to be checked prior to excavation.
11. For wall dimensions refer to Architects drawings.

UNDERPINNING NOTES

1.) EXCAVATION

THE EXCAVATION FOR UNDERPINNING TO INCLUDE ALL NECESSARY PROPPING AND ANY TEMPORARY DRAINAGE RUNS WHICH MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION. THE EXCAVATION OF THE UNDERPINNING TO BE CARRIED OUT BY HAND.

2.) FORMATION LEVEL

ANY LOCALISED SOFT SPOTS AND AREAS OF UNSUITABLE GROUND AT FORMATION LEVEL TO BE TAKEN OUT AND REPLACED WITH THE SPECIFIED GRADE CONCRETE, ALL TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR.

ALL LOOSE STONE IN EXISTING FOUNDATIONS TO BE REMOVED AS FOUND NECESSARY (UNDERSIDE TO BE MADE GOOD IF FOUND UNSUITABLE WHEN DRY PACKING)

3.) UNDERPINNING

A) UNDERPINNING TO BE A MINIMUM DEPTH AS NOTED ON SECTION

B) UNDERPINNING TO BE CARRIED OUT IN BAYS, USING GRADE GEN1 CONCRETE TO BS8500 & BSEN206.

C) THE VOID BETWEEN THE UNDERSIDE OF EXISTING FOUNDATIONS/WALL AND UNDERPINNING TO BE RAM-PACKED WITH 1:2 CEMENT/SHARP SAND SEMI-DRY NO SOONER THAT 24 HOURS AFTER UNDERPINNING

D) THREE CLEAR DAYS TO BE ALLOWED AFTER PACKING BEFORE COMMENCEMENT OF EXCAVATION TO ADJACENT BAY.

E) FACE OF CONCRETE TO BE SCABBLED PRIOR TO CASTING OF ADJACENT BAY.

4.) BACKFILL

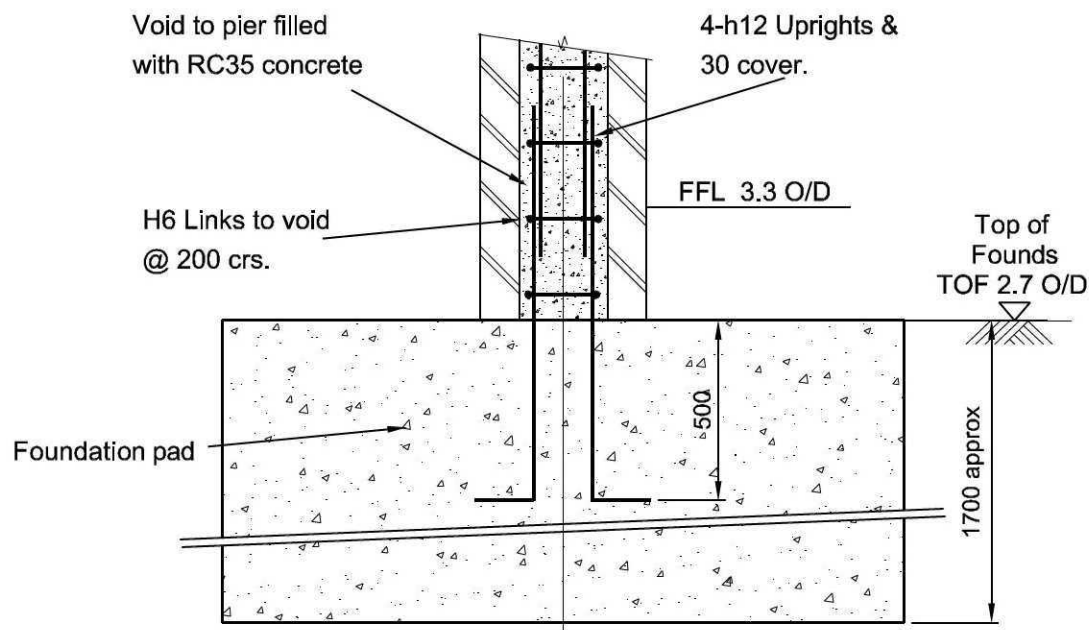
EXCAVATION TO BE BACKFILLED WITH TYPE 1 GRANULAR MATERIAL COMPACTED IN MAXIMUM LAYERS OF 150mm

5.) CRACK REPAIRS EXISTING WALL

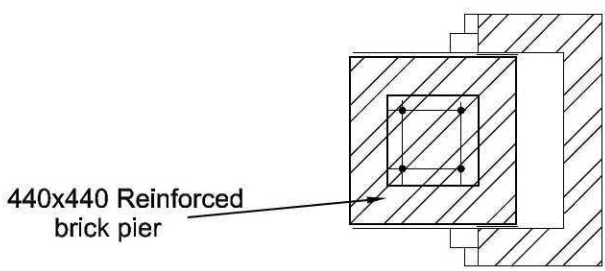
ALL/ANY CRACKED BRICKWORK JOINTS TO BE RAKED OUT TO A DEPTH OF 15mm AND REPOINTED IN CLASS !! MORTAR. ALL BROKEN BRICKS TO BE REMOVED AND REPLACED WITH NEW BRICKS.

6.) DRAINAGE

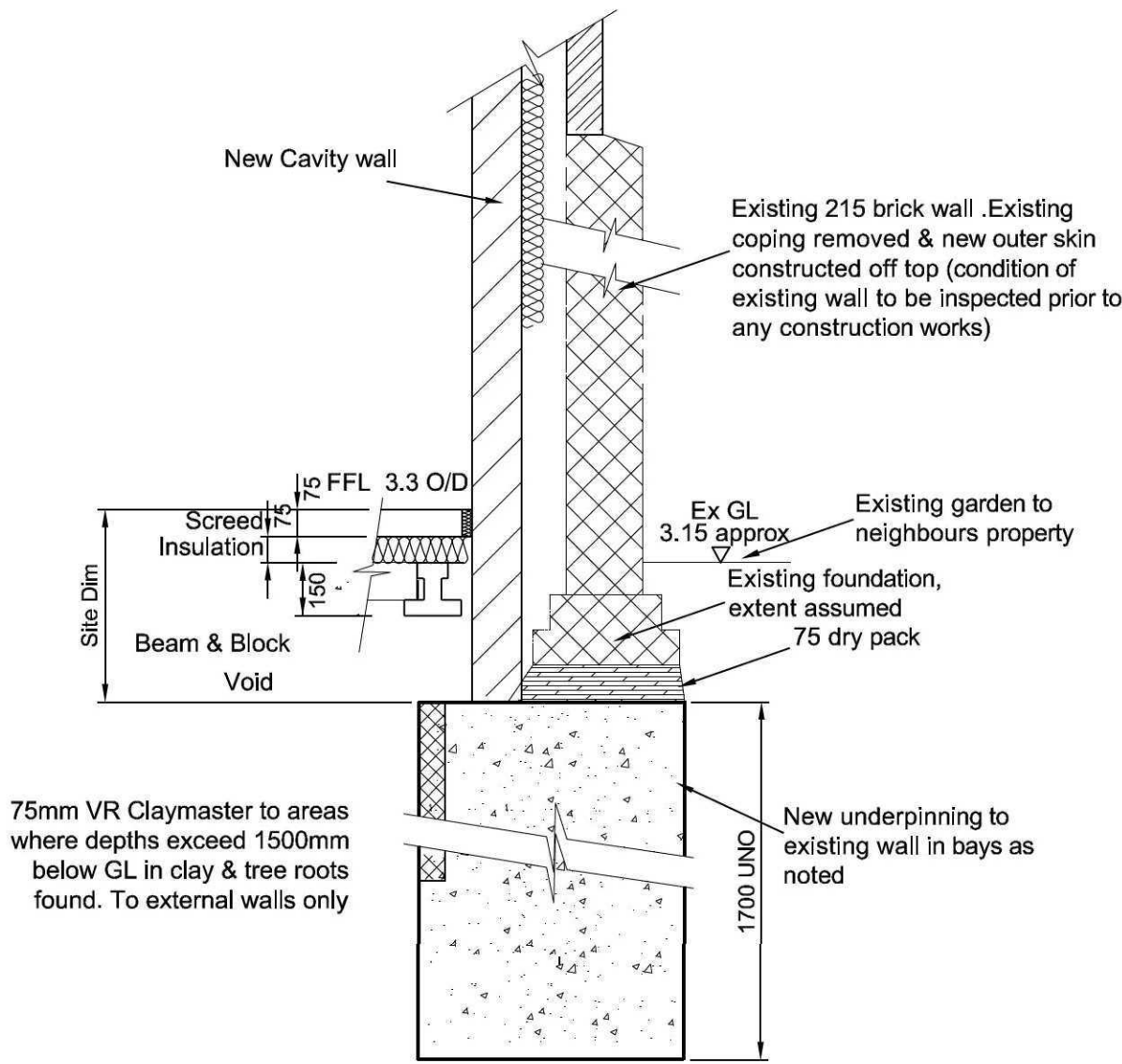
IF ANY DRAINAGE IS DISCOVERED ENGINEER TO BE NOTIFIED BEFORE CONTINUING.



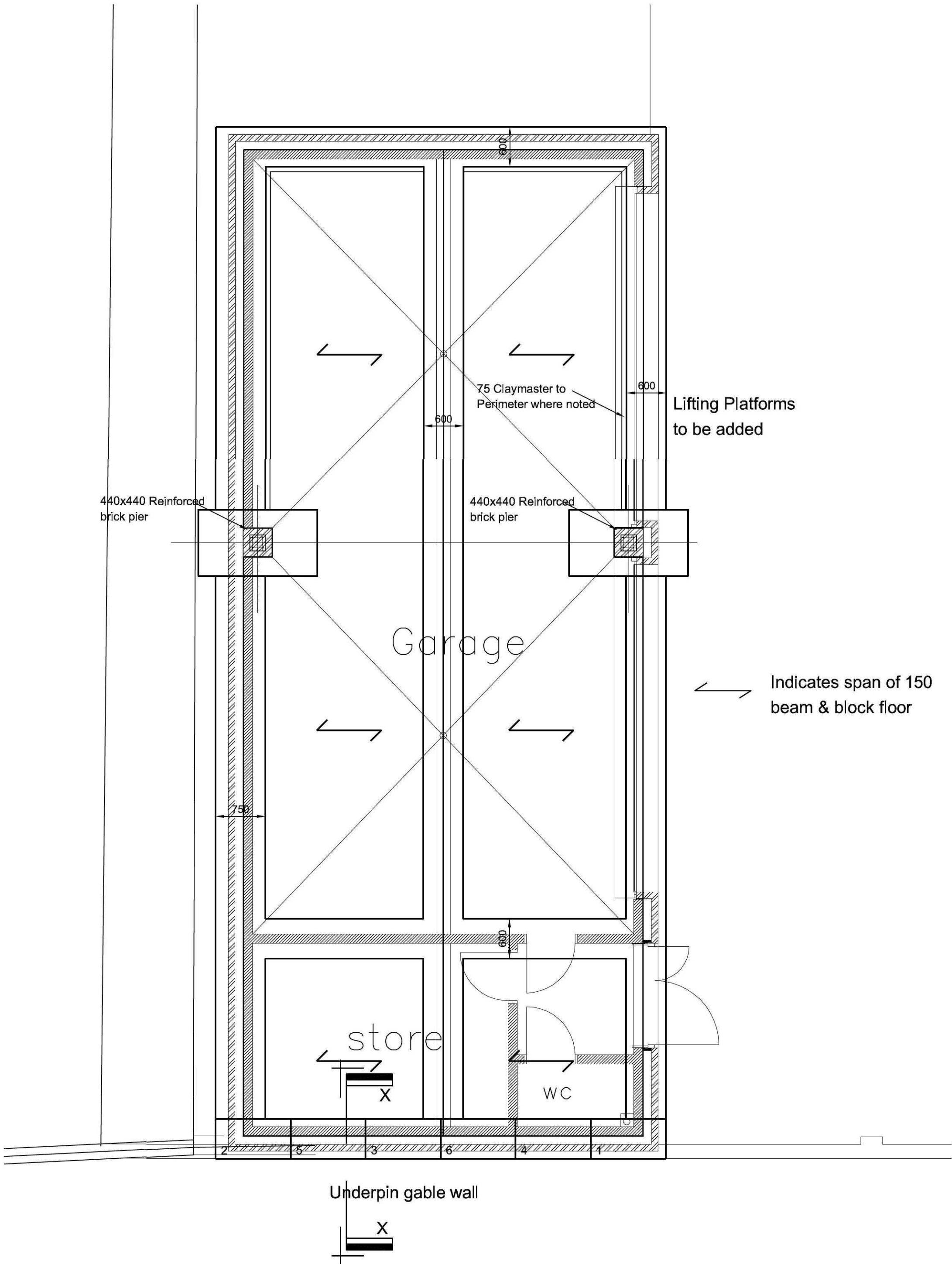
Section Through Garage Pier



Plan on Garage Pier



SECTION X-X THROUGH EXISTING WALL



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This drawing to be read in conjunction with all relevant BCAL, Architects, M & E, Specialist Consultants and Contractors project specific drawings and specifications.

Current British Standards apply.

All dimensions are in millimetres. (U.N.O)

All levels are in metres. (U.N.O)

Written dimensions only shall be used.

Do Not Scale.

Any discrepancies shall be brought to the attention of BCAL immediately.

IF IN DOUBT ASK.

NOTES

Refer also to Drawings

No Description Date By Chk

Revisions to this Drawing

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Drn By: NCG Date: 23-09-2011 Chkd:



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Client

Mr.M.Adams & Mrs.E.Alexander

Project

Proposed New Dwelling
Beechfield Gardens
Spalding

Drg. Title

Foundation Details Garage

Scales @ A1

1:50/20

Drawing No.

4623-102

Rev

Status:

Preliminary