IStructE

TOWN and COUNTRY DESIGN SERVICES

6 The Redlands, Stone

Staffordshire

ST15 8PX

Telephone/Facsimile Number: 01785 811262

Construction Method Statement

10 0 0 4 8 8 / FNL 3 JUN 2010

for

The BARN at

SPRING BANK FARM CLAY LAKE, STAFFORDSHIRE MOORLANDS

Site:	**BARN at SPRING BANK FARM, CLAY LAKE, STAFFORDSHIRE MOORLANDS ST9 9DE**
Client:	**Mr. S. FORD.**
Address:	**Spring Bank Farm, Clay Lake, Staffordshire Moorlands ST9 9DE**
Date:	**May 2010**
Job Number:	**5751-MJA**

Mike Abbott CEng FI StructE
6 The Redlands
Stone
Staffordshire ST15 8PX
Telephone: 01785 811262

Construction Method Statement for Structural Repairs to the Barn at, Spring Bank Farm, Clay Lake, Staffordshire Moorlands

10/00488/FUL 3 JUN 2010 SM

1.0 BRIEF:

1.1 To provide a method statement for the necessary structural repairs to be undertaken at the above noted barn.

1.2 The statement as set-out herewith is intended as an outline indication of the general methods and sequence of works required. The sequence of work may change subject to on-site and Building Control officers' requirements.

2.0 STATUTORY REQUIREMENTS:

2.1 The Health and Safety requirements of the Construction Design and Management Regulations 1994 apply to the conversion works.

2.2 All conversion works are to be in accordance with the current Building Regulations and to the Building Control Officers approval.

2.3 The removal of any asbestos contaminated material is to be in accordance with the Asbestos Regulations 1984.

2.4 Construction stage notification returns are to be forwarded to the Building Control Officer in order that the appropriate statutory site inspections can be undertaken.

2.5 Appropriate certification and guarantees should be obtained for all work associated with damp proof course installation and wood work treatment and similar where appropriate.

2.6 Local Authority Building Control completion certification should be obtained prior to occupation of the Barn conversion.

3.0 SUB-STRUCTURE:

3.1 The foundations have not been exposed for inspection, however, where any underpinning is required it should be undertaken in accordance with the standard "Hit and Miss" sequence of work.

3.2 Cast new concrete footings to any proposed new internal and external walls.

3.3 Build-up walls to damp proof level [replacing brickwork and inserting new matching bricks] were necessary.

3.4 Cast new concrete ground floor to Building Regulation standards, if required

3.5 Insert new damp proof course to Building regulation requirements, if required.

SUPER-STRUCTURE:

4.1 Undertake refurbishment works [re-construction and re-bonding] of all low level stone work, where necessary.

4.2 Erect external independent access scaffold to perimeter of buildings. Scaffold to be fully tied and braced on plan and elevation.

4.3 Where required the scaffolding is to afford structural stability to the external brickwork to prevent any unforeseen problems arising

4.4 Tie external scaffold through building with scaffold tubes and fully braced to all masonry walls by securing scaffold tubes on both sides and tying to scaffold structure.

4.5 Remove all roof tiles/slates and coverings and carefully stack tiles for re-use.

4.6. All structural timbers should be assessed for suitability and structural adequacy [Building Regulations 2000, Structure Part A, Appendix 1].

4.7 Remove any defective timbers at roof level and replace. Note that all retained timbers should be treated for rot and insect attack.

4.8 Any structural steel work should be similarly assessed and environmentally protected.

4.9 Repair/rebuild external walls as necessary

4.10 Build new roof structure to Building Regulation requirements.

4.11 Build-up new internal walls, new wall ties as appropriately.

4.12 There is no new first floor structure proposed.

4.13 Insert all lateral restraint and holding down straps and any necessary stability bracing to the requirements of the Building Regulations

4.14 Remove scaffold ties and bracing.

4.15 Remove external scaffold.

4.16 Complete all other non-structural work that is subject to the requirements of the Building Regulations [electrical and plumbing].

4.17 Notify Building Control Officer and obtain statutory completion certification.

10/00488/ FUL 3 JUN 2010