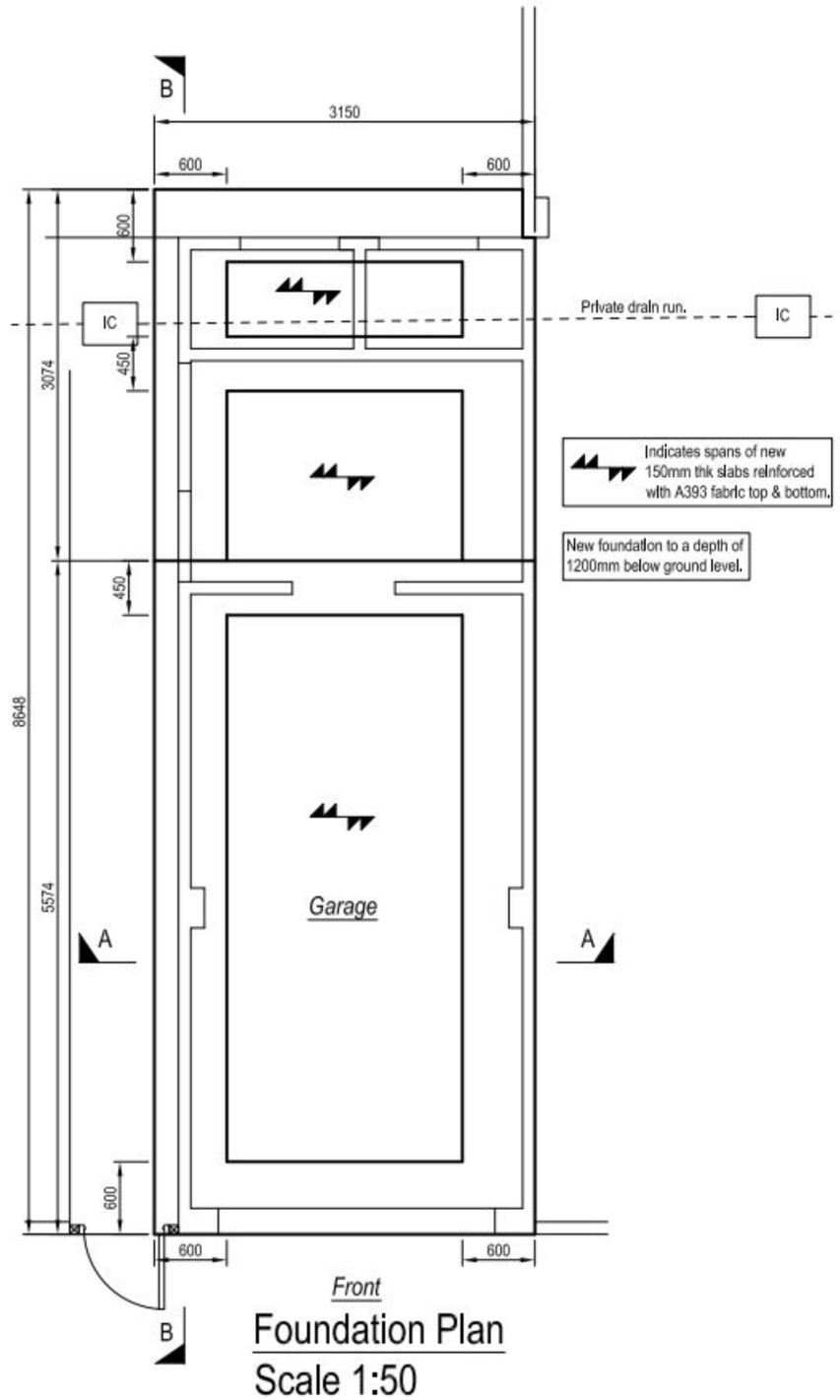
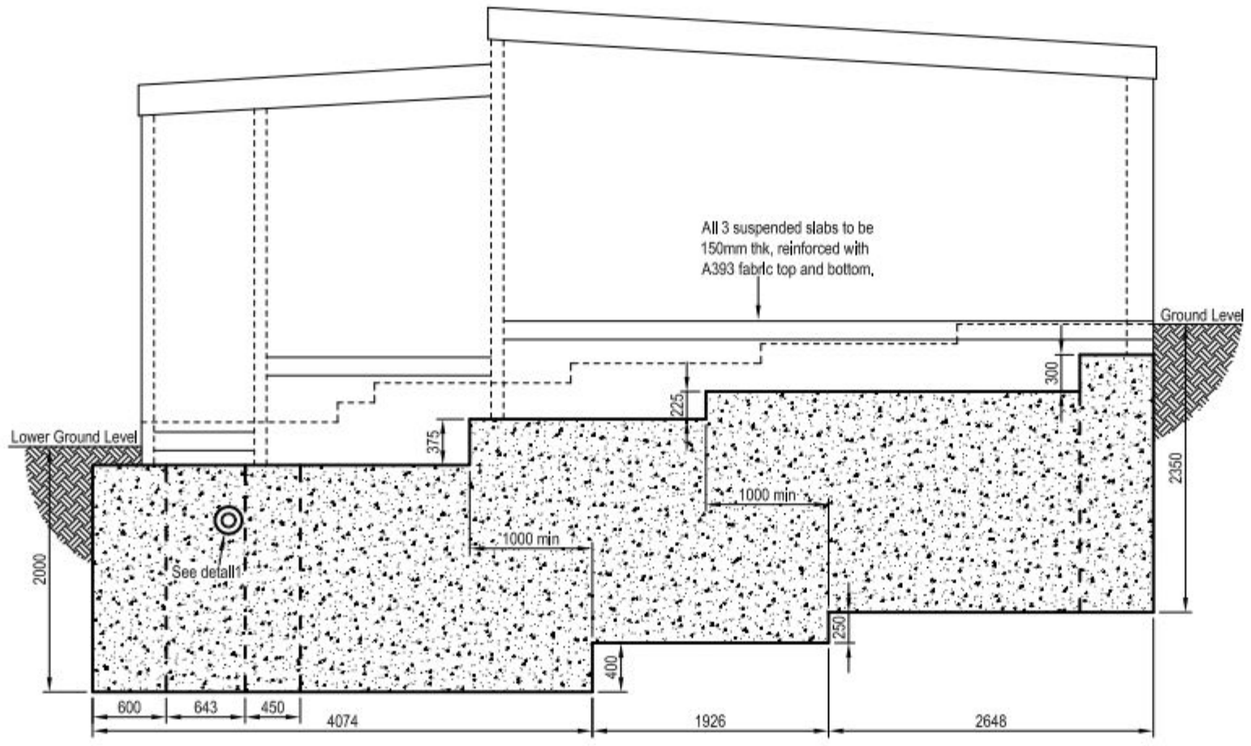


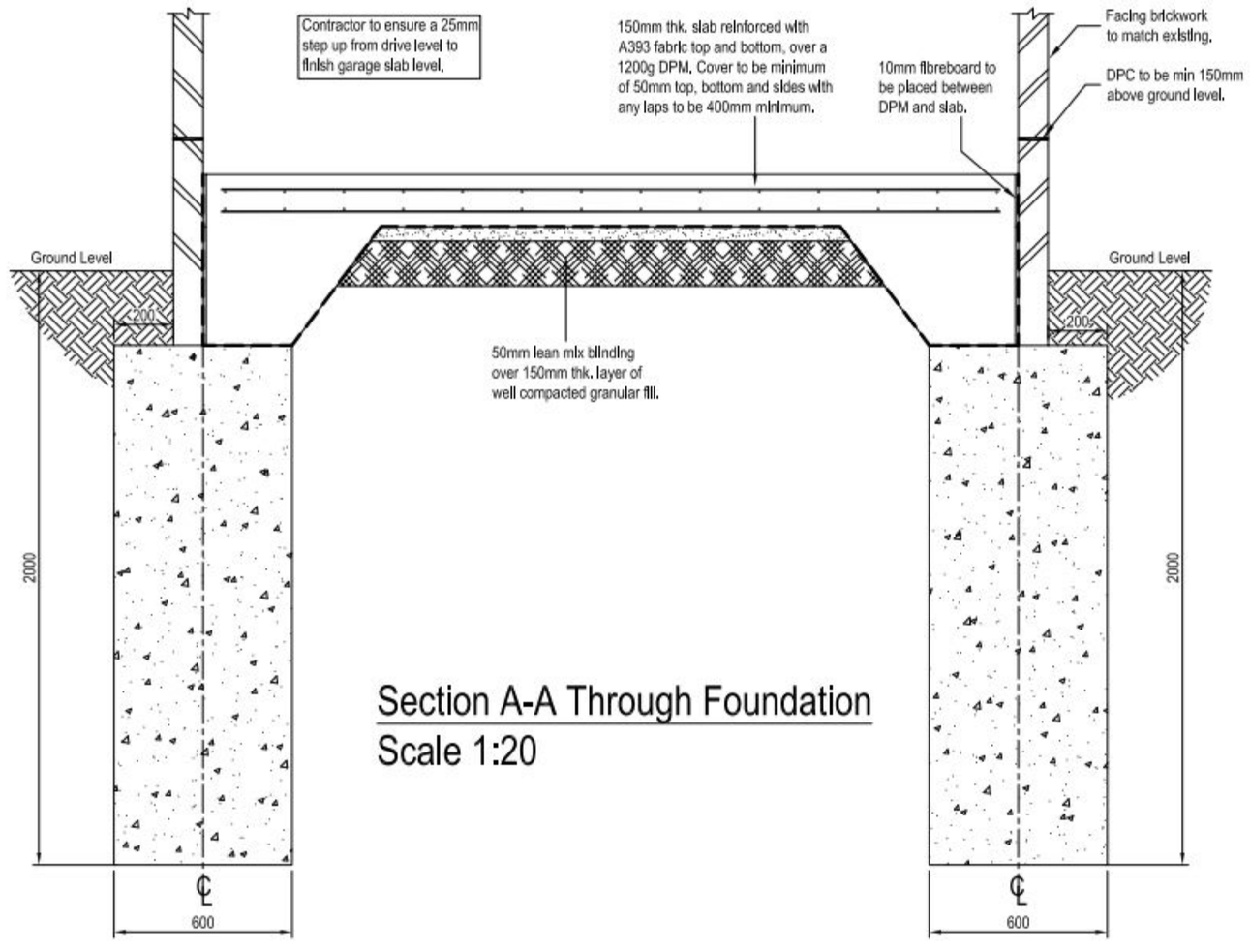
Front

Foundation Plan
Scale 1:50

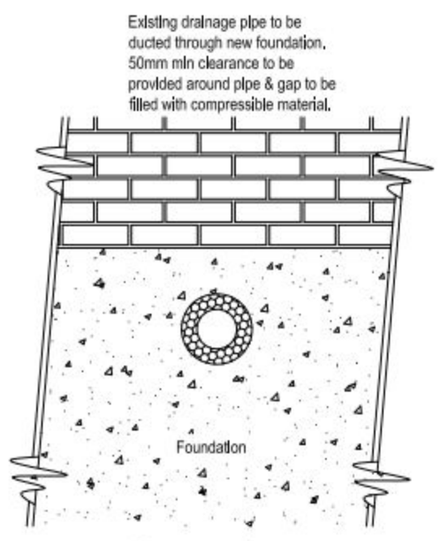


Left side

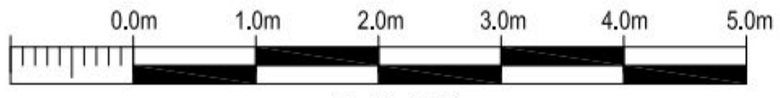
Secction B-B Through Foundation
Scale 1:50



Section A-A Through Foundation
Scale 1:20



Detail 1
Not to Scale



Scale 1:50.

PERMIT

Concrete

All work to be in accordance with BS 8110. All mass concrete for foundations to be minimum FND2, with Sulphate Resisting Portland cement.

All reinforced concrete to be Grade RC35 with 20mm max aggregate, minimum cement content of 300 kg / m³, and to have Class 2 sulphate resistance. The watercement ratio to be 0,6 (ratio may change depending on the requirements of BS EN 206-1 / BS 8500). All concrete shall be vibrated.

All spacers required for the correct installation of the reinforcement are to be proprietary spacers and shall be supplied by the Contractor.

No site batching unless authorised by Contract Administrator and the Design Engineer, and shall not be permitted for reinforced concrete.

The foundation design is based on a Gross Ground Bearing Capacity of 100 kN/m² and it has been assumed that there is no substantial variation in soil quality over the area of the site. Depths of foundations shown may be subject to variation on site once the subsoil has been exposed.

It must not be inferred that on completion of the work any of the foundations will comply with the Building Regulations (or the NHBC) requirements for new buildings.

No holes may be formed through any concrete member without written approval from the Design Engineer.

No reinforcement may be cut or bent without written approval from the Design Engineer.

All dimensions to be verified on site by the Contractor and any discrepancies shall be immediately notified to the Contract Administrator and the Design Engineer. The layout of the works is to remain unaltered unless agreed otherwise with the Contract Administrator and the Design Engineer.

General

This drawing is to be read in conjunction with Cunningham Lindsey / Oriel standard contract documentation and all other relevant documents, unless alternative arrangements have been agreed with the Contract Administrator.

Do not scale this drawing, except for Planning purposes. The Contractor shall check all dimensions and levels on site prior to demolition of the existing structure. Any discrepancies shall be notified immediately to the Contract Administrator and the Design Engineer.

Layout of the works is to remain unaltered unless otherwise agreed with the Contract Administrator and the Design Engineer.

Contractor shall locate all services (including overhead) prior to commencement of any works on site and liaise with the Contract Administrator.

All temporary works are to be designed and detailed by the Contractor, including the provision for pumping, shoring & propping. Design to be undertaked by a suitably qualified professional.

All excavations and exposed foundations are to be adequately supported and protected by the Contractor at all times in accordance with Health & Safety requirements.

All materials to be fit for purpose and all works, whether specified or implied, to be in accordance with current Building Regulations, British Standards, Codes of Practice and accepted good building practice.

All proprietary products are to be installed strictly in accordance with the manufacturers recommendations.

On completion of the works the Contractor shall be responsible for reinstating the surrounding ground finished surfaces to their original state.

The structural design has been prepared in accordance with the CDM Regulations. In addition to the usual risks associated with building works and materials the Contractor should also ensure:

that demolition, excavation, drilling, cutting etc into existing structures or materials be carried out carefully in case there are any hidden services

that all items to be demolished or removed, eg walls, beams, slabs etc, are assessed for any loadbearing or stability function and temporary propping provided as necessary

that any existing structure or materials to be drilled, cut, or otherwise disturbed, be checked for asbestos content and appropriate action taken

Reinforcement

Unless noted otherwise all cover is to be 50mm to all steel to all faces.

Unless noted otherwise on the drawings, minimum laps to be:-
400mm minimum for fabric.

PLEASE NOTE LOCAL BUILDING CONTROL APPROVAL IS NOT REQUIRED

SUBJECT TO LOCAL PLANNING AUTHORITY APPROVAL NOT FOR CONSTRUCTION

THIS DRAWING WAS PRODUCED AT A2

REV	DRAWN	DATE	DESCRIPTION
A	DP	13.12.2010	Drawing approved by Lead Office

Oriel
1st Floor Design Office, Solent House,
Solent Business Park, Whiteley,
FAREHAM, Hampshire PO15 7AF

JOB ID
Smith

SITE ADDRESS
79 Froxfield Road
Havant
Hampshire
PO9 5PW

PROJECT
Demolition and Reconstruction of Detached Garage & Stores on New Trench Foundation

DRAWING TITLE
Foundation Plan with Sections and Detail

INITIAL DRG DATE	DRAWN BY
October 2010	David Price
SCALE	CHECKED BY
As Shown	LS

REFERENCE	DRG No.	Rev.
3292219	102	A