

Typical Foundation Section
Scale 1:20

Top of Concrete Foundation Levels

37.035
37.060
37.335
37.560
37.710
37.860
38.010

NOTE
ALL FOUNDATIONS WITHIN 2.5m FROM CONTIGUOUS PILES MUST BE EXCAVATED AND CONCRETED IMMEDIATELY. DURING THIS PERIOD NO SURCHARGE FROM ANY CONSTRUCTION VEHICLES OR MATERIALS MUST BE PLACED WITHIN 4.5m OF ANY PILES AFFECTED BY FOUNDATION EXCAVATION.

NOTE
Setting Out Co-ordinates
Indicates setting points to Basement wall. For co-ordinate information of each point refer to Site Setting Out Plan drg. No. 0623/9000.
In general, setting out points indicated on this drawing & Site Setting Out Plan drg. No. 0623/9000, are located on inside face of the foundation wall.

- Foundation Notes**
- All walls below ground level to be in blocks or trench blocks with a minimum strength of 7.3 N/mm² approved for use below ground by manufacturer and to comply with BS5262 unless noted/ specified elsewhere on the plan.
 - Minimum width of all foundations to be 600mm unless otherwise noted on the plan.
 - All foundations are to be taken down to a natural undisturbed sand strata with a safe bearing capacity of 150 kN/m² as described in the site investigation report. Minimum depth to be 1.5m as noted on Typical Foundation Section. Foundation depths are also to be agreed with Building Inspector on site. Minimum concrete depth to be 825mm as shown on Typical Foundation Section. Foundations in Cinema Room are to have 1.0m depth.
 - Concrete mix for foundations to have a minimum crushing strength of 30 N/mm² at 28 days with a 20mm maximum nominal aggregate size and a minimum cement content of 275 kg/m³.
 - All concrete is to be vibrated.
 - Mortar mix for walls below ground to be 1:3 (cement:sand).
 - Provide 100 wide x 65 deep pre cast prestressed concrete lintels over all service entries and drainage outlets passing through foundation walls. Maximum width of openings to be 250mm.
 - 600mm depth to top of foundation or ground beam from underside of beam and block floor allows adequate depth for all incoming services and drainage outlets to be laid above foundation level.
 - Denotes walls and piers constructed using bricks of strength 20 N/mm² set in 1:3 (cement:sand) mortar mix.
 - Denotes walls and piers constructed using bricks of strength 50 N/mm² set in 1:3 (cement:sand) mortar mix.
 - Denotes walls and piers constructed using bricks of strength 75 N/mm² set in 1:3 (cement:sand) mortar mix.

- Floor Types**
- Denotes 150mm deep Beam & Block floor to be designed by specialist manufacturer to support unfactored Dead Load of 2.55 kN/m² and unfactored Live Load of 1.5 kN/m² in addition to self weight of floor.
 - Denotes 150mm deep Beam & Block floor to be designed by specialist manufacturer to support unfactored Dead Load of 2.55 kN/m² and unfactored Live Load of 7.5 kN/m² in addition to self weight of floor.
 - Denotes 150mm deep Beam & Block floor to be designed by specialist manufacturer to support unfactored Dead Load of 2.55 kN/m² and unfactored Live Load of 5.0 kN/m² in addition to self weight of floor.
 - Denotes 200mm deep Planks with cores reinforced with steel bars and infilled with concrete to allow planks to cantilever as shown on Piling Plan drg. no. 0623/2010. Planks to be designed by specialist manufacturer to support unfactored Dead Load of 24.2 kN/m² and unfactored Live Load of 1.5 kN/m² in addition to self weight of floor.

D	Floor WC walls revised - wall between WC/Staff kitchen	01.10.13
C	Terrace ramp's re-roued, downpipes added (roof & staff areas)	13.08.13
B	Plant Room gutters revised in accordance with JSA requirements. Porosic columns revised to concrete. L/R foundation level lowered by 200mm. Porosic walls revised in accordance with supplier details.	17.07.13
A	Construction Issue.	24.06.13

Revision Date

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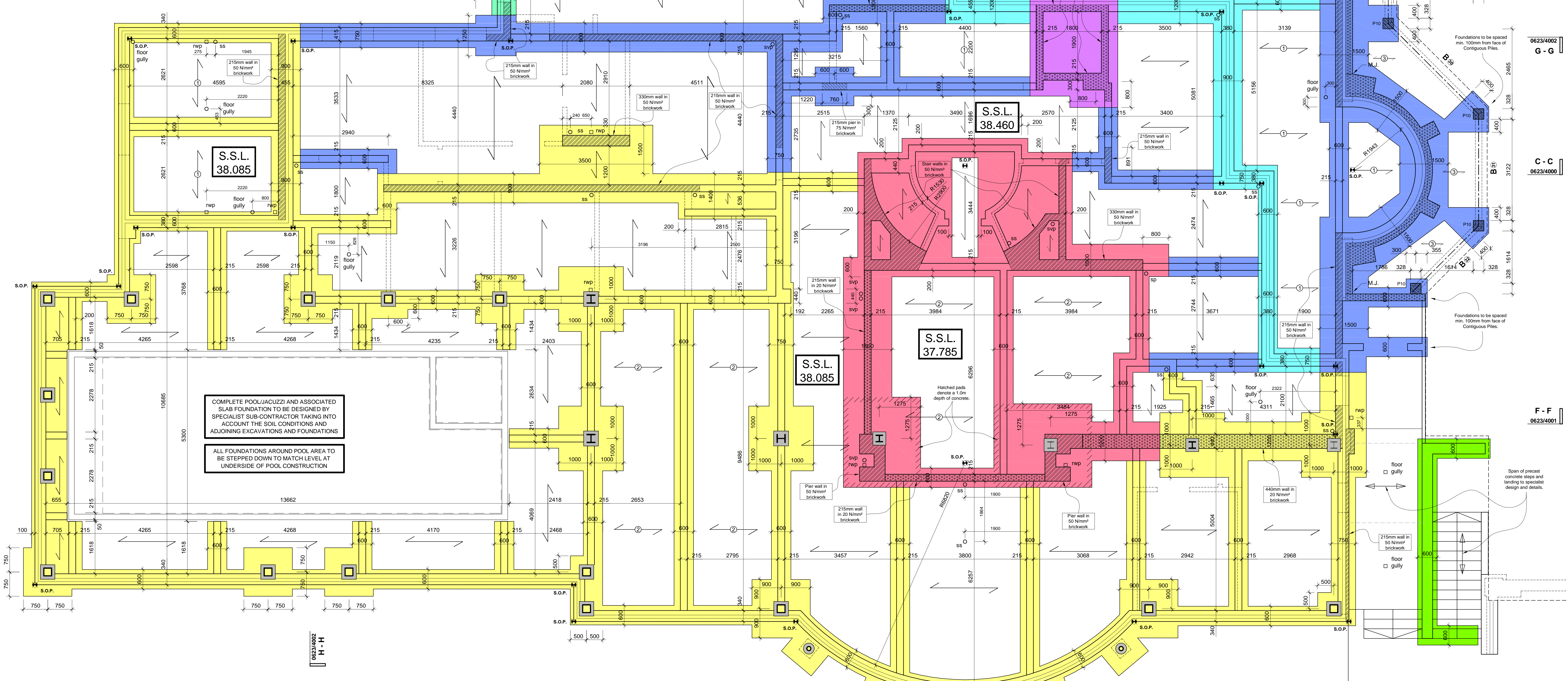
Project
Overbye, St Georges Hill

Title
Foundation Plan

Status
Construction

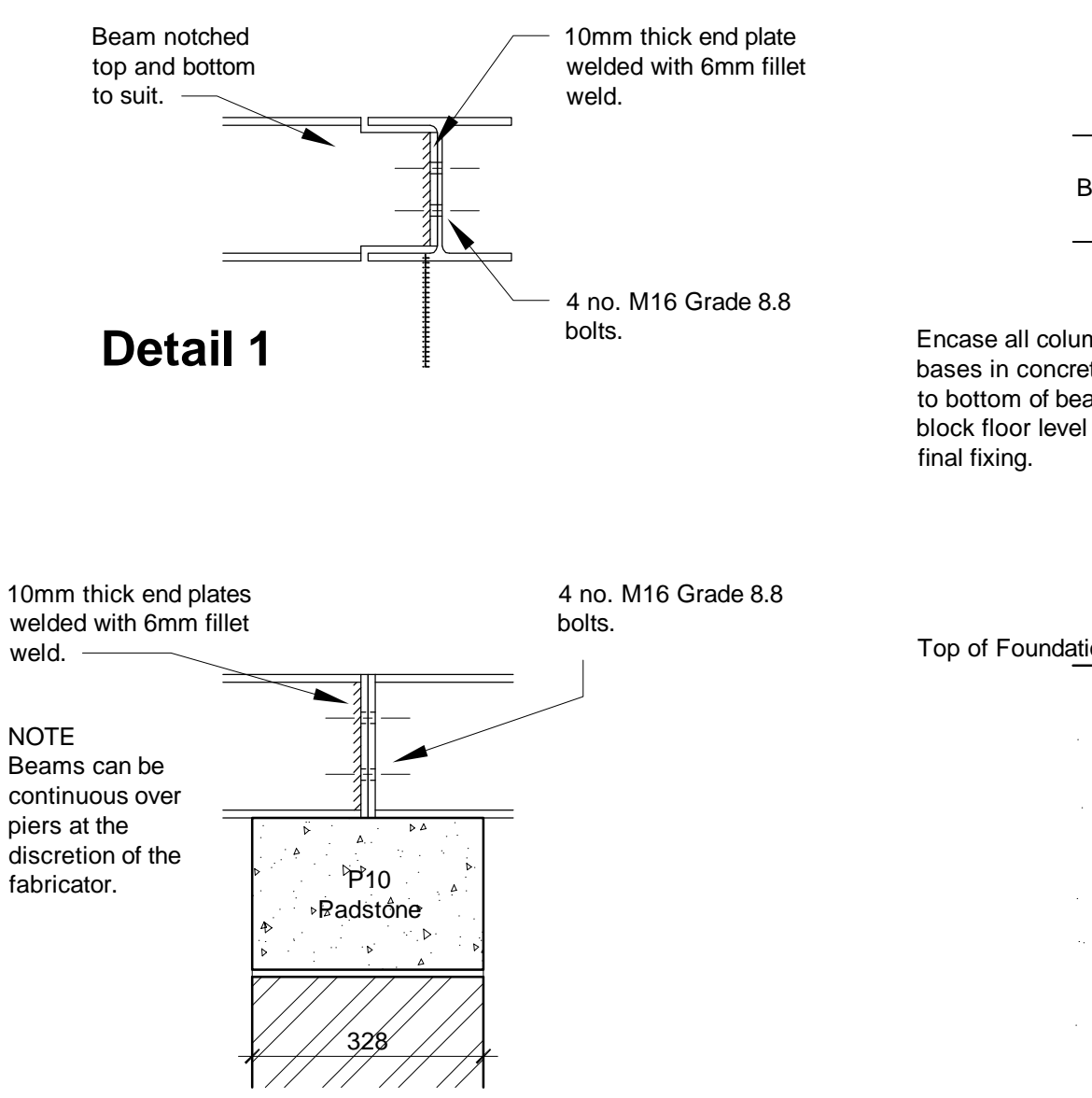
Scale	Drawn	Date
1:50	sh	Nov. '12
Job number	Drawing number	Revision
0623	2000	D

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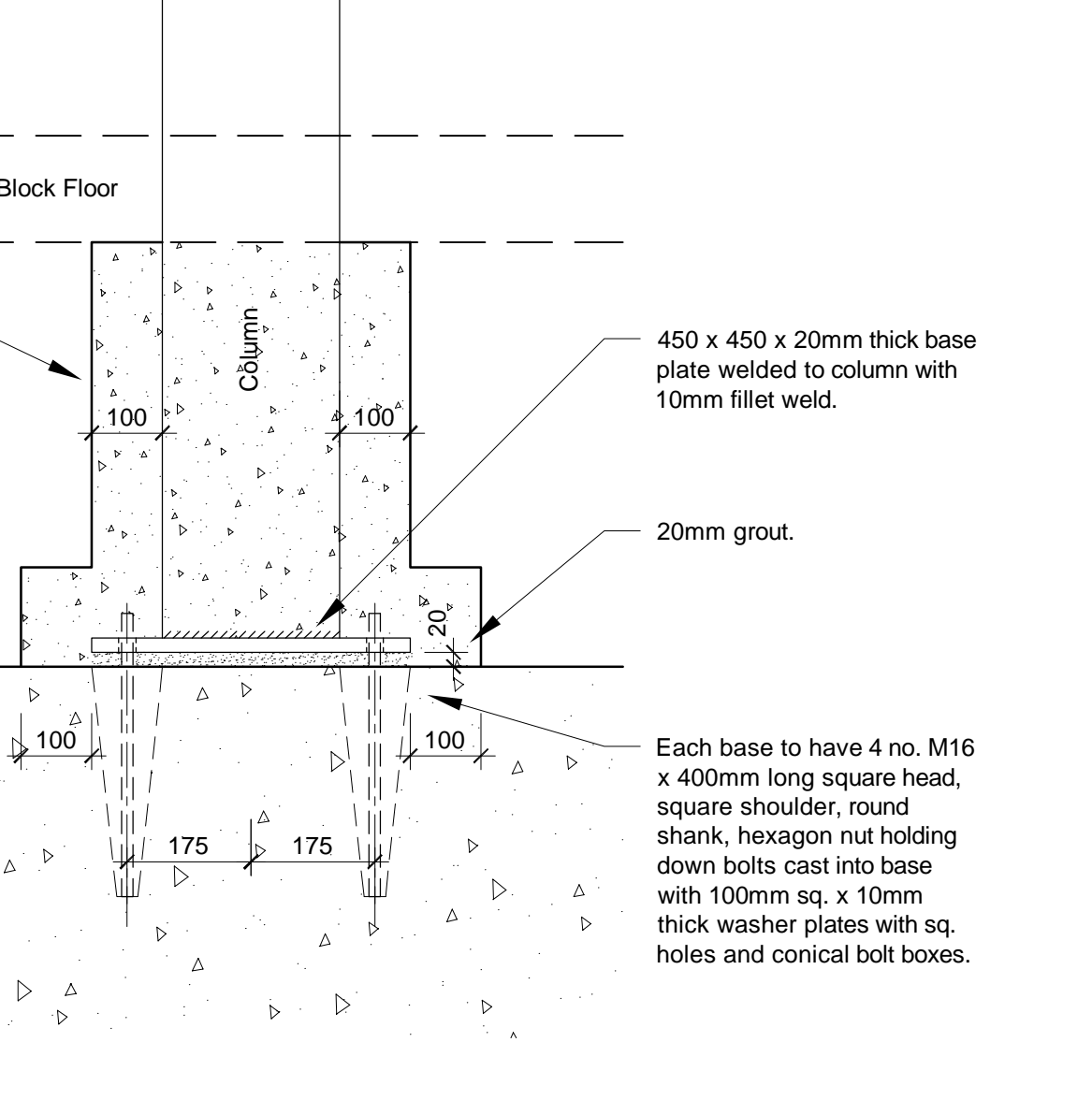


COMPLETE POOL/JACUZZI AND ASSOCIATED SLAB FOUNDATION TO BE DESIGNED BY SPECIALIST SUB-CONTRACTOR TAKING INTO ACCOUNT THE SOIL CONDITIONS AND ADJOINING EXCAVATIONS AND FOUNDATIONS
ALL FOUNDATIONS AROUND POOL AREA TO BE STEPPED DOWN TO MATCH LEVEL AT UNDERSIDE OF POOL CONSTRUCTION

House Foundation Plan



Detail 1
Detail 2



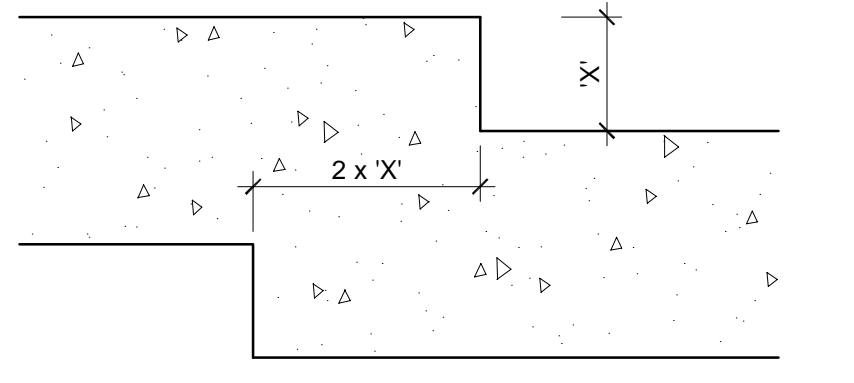
Base Detail To All Columns

NOTE
TOP AND BOTTOM OF ALL FOUNDATIONS ARE TO BE STEPPED AS NECESSARY TO SUIT FLOOR LEVELS IN ACCORDANCE WITH NHBC REQUIREMENTS

Beam Schedule

REF	SIZE	COMMENTS
B 1 to B 17	203 x 203 x 46 UC	supporting external capping slab - see detail 1
B 18 to B 35	203 x 203 x 46 UC	supporting external capping slab - see detail 2

ALL BEAMS TO BE SUBJECT TO SITE SURVEY BEFORE FABRICATION
All beams are to be hot dipped galvanised after fabrication.



Typical Foundation Step Detail

SEE SEPARATE DRAWING FOR GARAGE FOUNDATIONS