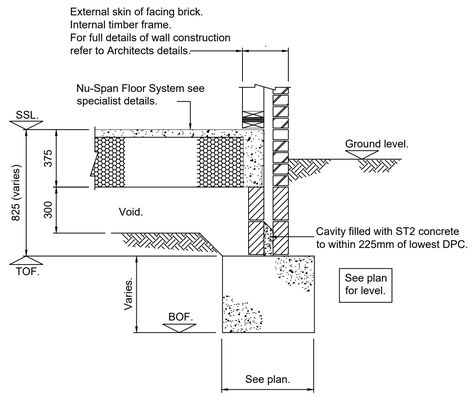


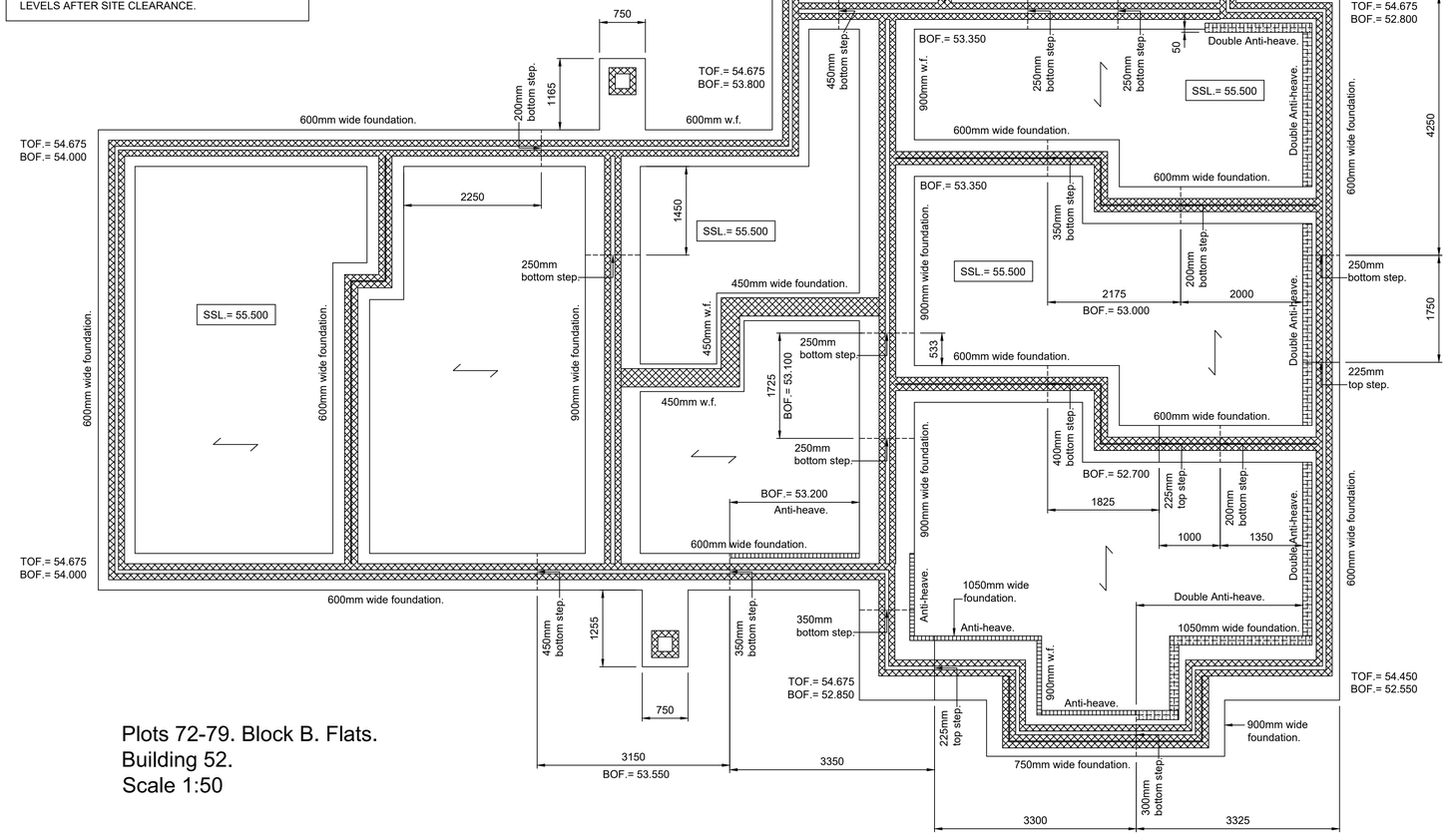
Typical section through external cavity wall.
Scale 1:20

Nu-Span PREFABRICATED FLOOR SYSTEM DESIGNED & INSTALLED IN ACCORDANCE TO MANUFACTURERS RECOMMENDATIONS.

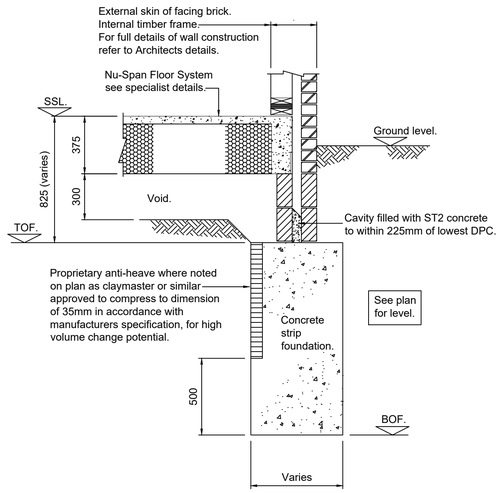
SEE ARCHITECTS SUB-STRUCTURE DRAWINGS FOR ALL SETTING OUT. BLOCKS TO BE MINIMUM 7.3N/mm² SUITABLE FOR USE BELOW DPC. MORTAR TO BE MORTAR DESIGNATION (ii) / M6.

REFER TO SITE INVESTIGATIONS BY GEO ENVIRONMENTAL FOR SITE SOIL CONDITIONS.

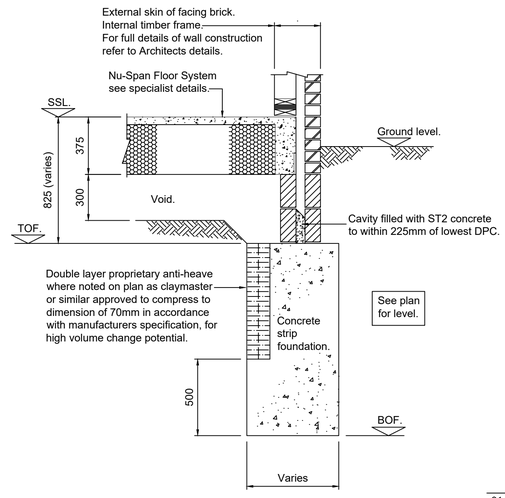
LEVELS TO BE CONFIRMED. SUBJECT TO PROPOSED FINISHED SITE LEVELS & EXISTING LEVELS AFTER SITE CLEARANCE.



Plots 72-79. Block B. Flats.
Building 52.
Scale 1:50



Typical edge detail through up to 2.5m deep foundation with Anti-Heave.
Scale 1:20



Typical edge detail over 2.5m deep foundation with double Anti-Heave.
Scale 1:20

MINIMUM LAP AT FOUNDATION STEPS TO BE 1 METRE.

MINIMUM VOID BENEATH BEAM AND BLOCK FLOOR TO BE 300mm.

MINIMUM CONCRETE THICKNESS TO BE 500mm.

FOUNDATIONS TO PASS THROUGH ANY MADE GROUND / DISTURBED GROUND.

GENERAL NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT HEMSLEY CONSULTING AND SPECIALIST CONTRACTORS DOCUMENTS & SPECIFICATIONS PLUS PLANS AND DETAILS.
2. REFER TO ARCHITECT'S SITE PLAN FOR ORIENTATION OF BUILDINGS.
3. DIMENSIONS NOT TO BE SCALED.
4. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH ALL CURRENT REGULATIONS AND CODES OF PRACTICE AND IN ACCORDANCE WITH ALL APPROVED INSPECTORATE STANDARDS.
5. FOUNDATION LEVEL TO BE INSPECTED BY RELEVANT INSPECTORS PRIOR TO PLACING CONCRETE.
6. WHERE SHRINKABLE SOILS ARE ENCOUNTERED ALL FOUNDATIONS ARE TO BE IN ACCORDANCE WITH NHBC. STANDARDS CHAPTER 4.2 BUILDING NEAR TREES BASE ON HIGH SHRINKABILITY.
7. SHOULD FOUNDATIONS HAVE TO DEEPENED WITHIN THE INFLUENCE ZONE OF EXISTING TREES BEYOND 1.5m DEEP, THEN PROVIDE CLAYMASTER TO INSIDE FACE OF PERIMETER FOUNDATION THAT IS AFFECTED AS PER DETAIL.
8. ALL CONCRETE TO FOOTINGS TO BE MINIMUM GRADE GEN 1. (ACEC) CLASSIFICATION AC-1 WITH A DESIGN SULPHATE CLASS FOR SITE OF DS-1 IN ACCORDANCE WITH BRE. SPECIAL DIGEST 1:2001.
9. ALL NEW TREES (AS DEFINED IN NHBC. STANDARDS BUILDING NEAR TREES) TO BE PLANTED A MINIMUM DISTANCE FROM THE BUILDING OF:
-1.25 x MATURE HEIGHT FOR HIGH WATER DEMAND TREES.
-0.75 x MATURE HEIGHT FOR MODERATE WATER DEMAND TREES.
-0.5 x MATURE HEIGHT FOR LOW WATER DEMAND TREES.
10. WHERE EXISTING BUILDINGS HAVE BEEN DEMOLISHED, FOUNDATIONS MAY HAVE TO BE DEEPENED LOCALLY THROUGH THE DISTURBED GROUND ONTO A NATURAL STRATUM.
11. ANY SOFT SPOTS IN FORMATION TO BE EXCAVATED AND INFILLED WITH LEAN MIX CONCRETE.
12. SHOULD EXCAVATIONS BE REQUIRED BELOW GROUND WATER LEVEL, APPROPRIATE SHORING AND DEWATERING MEASURES SHOULD BE USED WITH CONTROL EMPLOYED TO PREVENT THE LOSS OF FINES.
13. WHERE DRAIN TRENCH OR CHAMBER IS WITHIN 1m OF THE FOUNDATION, DEPTH OF FOUNDATION MUST BE TAKEN TO A MINIMUM OF THE INVERT LEVEL (IL) OF THE DRAIN OR CHAMBER AND / OR DRAIN MUST BE LAID IN ACCORDANCE TO CLAUSE 2.25 OF THE BUILDING REGULATIONS 2010 APPROVED DOCUMENT H. AND CURRENT EDITION OF SEWERS FOR ADOPTION.
14. TOP OF CONCRETE LEVEL TO BE A MINIMUM OF 825mm FOR HOUSES AND 600mm FOR GARAGES.

CONSTRUCTION

rev.	date	description
C1	09.02.24	CONSTRUCTION ISSUE.
T06	17.01.24	FOUNDATION ARRANGEMENT REVISED.
T05	11.01.24	NEW SUBSTRUCTURE WALLS ADDED.
T04	06.10.23	FOR TENDER ISSUE. LEVELS REVISED.
T03	26.09.23	FOR TENDER ISSUE. LAYOUT REVISED TO LATEST ARCHITECTS ISSUE.
T02	21.09.23	FOR TENDER ISSUE.
T01	15.09.23	FOR TENDER ISSUE.

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client: Thakeham

project: KEYMER ROAD, BURGESS HILL.

title: STAGE 02. PLOTS 72-79. BLOCK B. FLATS. BUILDING 52.

date:	AUG-2023	scale:	1:50@A1	project no:	6164
drawn by:	RS.	checked:	TJH.	sheet size	A1
drawing no:	H093-HCL-WD-B052-D-S-2000.			rev:	C1.