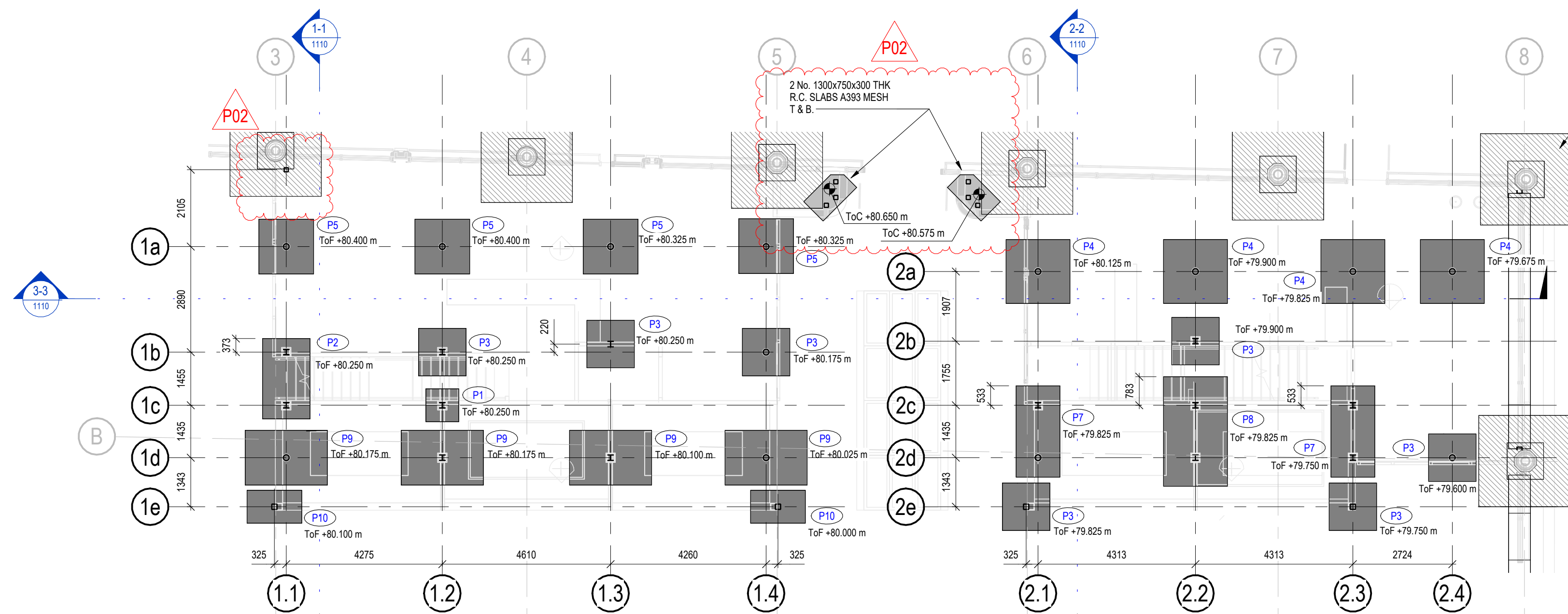




BYRAM STREET UNIT 1 & 2 FOUNDATION PLAN

SCALE 1: 100

GRIDLINES 1a FOUNDATION OPTION 2:  
18m x 1m x 0.5m (GBP 50k/m<sup>2</sup>) H25-200 T & B 4 LEGS H10 LINKS @ 250 C/C. SUBJECT TO SITE INVESTIGATION REPORT AND TBC ON SITE. EXTRA CARE AND CAUTION ADJACENT EXISTING COLUMN FOUNDATION. CONTRACTOR TO MAINTAIN OVERALL STABILITY OF EXISTING STRUCTURE DURING CONSTRUCTION PROPPING/TW TO BE USED AS NECESSARY

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH:  
1036-SWA-00-GF-DR-S-1102 - GROUND FLOOR STEELWORK GA  
1036-SWA-00-GF-DR-S-1104 - GROUND FLOOR RC SLAB GA  
1036-SWA-00-ZZ-DR-S-1106 - GLAZED ELEVATION SUPPORT GA  
1036-SWA-00-ZZ-DR-S-1110 - STRUCTURAL SECTIONS SHEET 1  
1036-SWA-00-ZZ-DR-S-1111 - STRUCTURAL SECTIONS SHEET 2  
1036-SWA-00-XX-DR-S-1500 - ISOMETRIC VIEWS

FOR DRAINAGE DETAILS REFER TO  
DRG No. 1036-SWA-00-XX-DR-D-500

| PAD FOUNDATION SCHEDULE |               |          |                 |
|-------------------------|---------------|----------|-----------------|
| MEMBER REF.             | MEMBER SIZE   | QUANTITY | REBAR ALLOWANCE |
| P1                      | 900x900x600   | 1        | H16-200-B       |
| P2                      | 2200x1300x600 | 1        | H16-200-T & B   |
| P3                      | 1300x1300x600 | 15       | H16-200-B       |
| P4                      | 1750x1750x600 | 4        | H16-200-B       |
| P5                      | 1500x1500x600 | 4        | H16-200-B       |
| P6                      | 750x750x600   | 6        | H16-200-B       |
| P7                      | 2500x1200x600 | 2        | H16-200-T & B   |
| P8                      | 3000x1750x600 | 1        | H16-200-B       |
| P9                      | 2250x1500x600 | 4        | H16-200-B       |
| P10                     | 1500x900x600  | 2        | H16-200-B       |

PLAN LEGEND

|  |                                                                       |
|--|-----------------------------------------------------------------------|
|  | PROPOSED FOUNDATION:<br>REFER TO PAD FOUNDATION<br>SCHEDULE FOR SIZES |
|  | INDICATIVE EXISTING<br>FOUNDATION                                     |

REINFORCEMENT ALLOWANCE OF  
75kg/m<sup>3</sup> TO ALL FOUNDATIONS U.N.O.

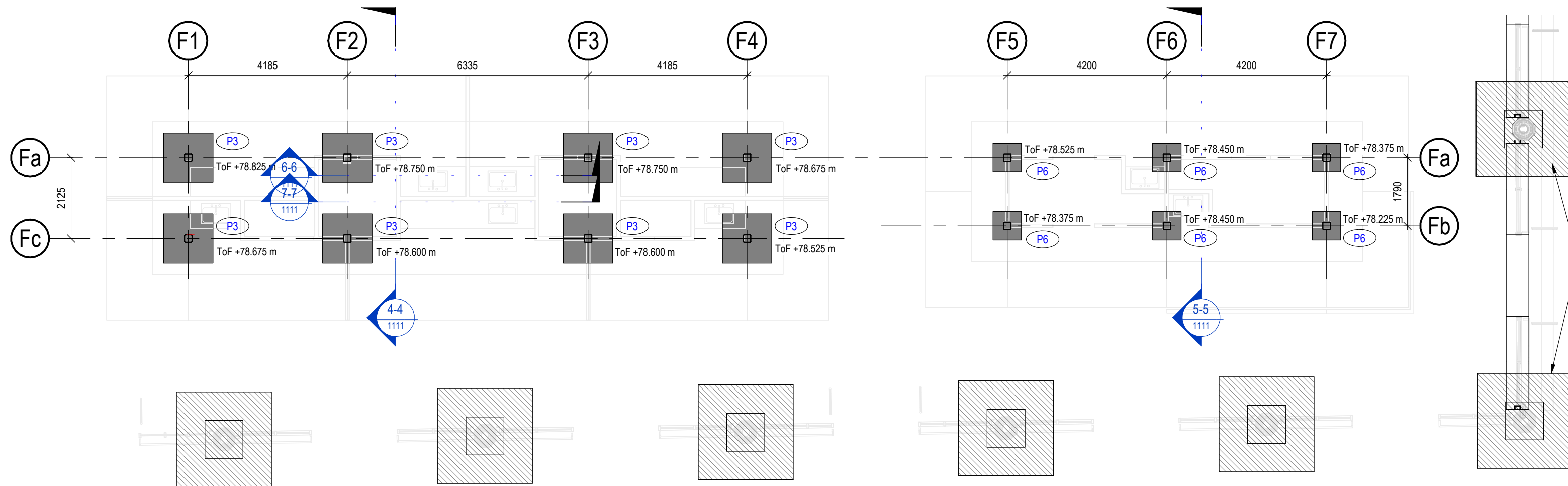
KEY TO HEALTH AND SAFETY SYMBOLS

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION.
- INDICATES A RESIDUAL RISK FOR INFORMATION.
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION.
- INDICATES A RESIDUAL RISK AS A WARNING.

- CONTRACTOR TO CONDUCT SURVEY TO CONFIRM EXACT LOCATIONS OF EXISTING BELOW GROUND DRAINAGE AND SERVICES PRIOR TO CONSTRUCTION OF PILE FOUNDATIONS AND GROUND BEAMS.
- CAUTION DEEP TRENCH EXCAVATIONS REQUIRED. TEMPORARY WORKS MAY BE REQUIRED TO STABILISE EXCAVATIONS PRIOR TO POURING OF CONCRETE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH S.E.P. BELOW GROUND SERVICES DRAWING No. S20124-U
- ALL TEMPORARY WORKS TO THE CONTRACTORS DESIGN AND DETAILS.
- EXISTING SLAB FALLS TO BE CONFIRMED ON SITE
- EXISTING FOUNDATIONS TO BE CONFIRMED ON SITE
- DEEP EXCAVATIONS ARE TO BE GUARDED TO PREVENT UNAUTHORISED ACCESS

Do not scale from this drawing.  
Use written dimensions only.  
If in doubt ask.

- Notes
- GENERAL NOTES
- DO NOT SCALE FROM THIS DRAWING.
  - ALL DIMENSIONS ARE IN MILLIMETERS U.N.O.
  - ALL LEVELS ARE N METRES ABOVE ORIGINANCE DATUM U.N.O.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
  - ALL BUILDING WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE BUILDING REGULATIONS (LATEST EDITION) AND THE CIVIL STRUCTURAL AND ARCHITECTURAL SPECIFICATIONS.
6. CONCRETE
- CONCRETE TO BE GRADE C40 WITH 325kg/m<sup>3</sup> CEMENT CONTENT, WATER CEMENT RATIO OF 0.55 AND S4 CONSISTENCY TO BS8500 UNLESS STATED OTHERWISE.
  - ALL NON-STRUCTURAL BLINDING CONCRETE TO BE MIX GEN 1 TO BS8500:2002.
  - ALL MASS CONCRETE TO BE DESIGNATED CONCRETE MIX GEN 3 TO BS8500.
  - ALL CONCRETE TO BE: DESIGN SULPHATE CLASS DS-1 AND AN ACEC CLASSIFICATION OF AC-1.
  - CONCRETE FINISHES TO BE SPECIFIED BY THE ARCHITECT.
7. REINFORCEMENT
- ALL REINFORCEMENT BARS TO BE HOT ROLLED HIGH YIELD GRADE 500N/mm<sup>2</sup> TYPE 2 DEFORMED BARS TO BS4449:2005.
  - REINFORCEMENT BARS TO BE BENT IN ACCORDANCE WITH BS8666:2005.
  - MINIMUM COVER OF 30mm TO BE PROVIDED TO SLAB AND 40mm TO BE PROVIDED TO ALL OTHER REINFORCEMENT UNLESS STATED OTHERWISE.
8. SLAB AND FOUNDATIONS
- ALL FOUNDATIONS TO BE IN ACCORDANCE WITH RECOMMENDATIONS OF SITE SPECIFIC GEOTECHNICAL AND SITE INVESTIGATION REPORT PENDING BY CCG.
  - ANY SOFT SPOTS AND SIGNIFICANT BELOW GROUND OBSTRUCTIONS ARE TO BE REMOVED FROM THE GROUND MEDIUM AND REPLACED WITH WELL COMPACTED HARDWARE.
  - ALL FORMATION LEVELS TO BE PROTECTED WITH A 75mm CONCRETE BLINDING IMMEDIATELY AFTER EXCAVATION.
  - DPM TO ARCHITECTS DETAILS.
  - ALL WELL COMPACTED HARDWARE TO BE GRANULAR MATERIAL TO HA SPECIFICATION CLAUSE 803 TYPE 1.
  - LATENCIES TO BE REMOVED FROM ALL HORIZONTAL CONSTRUCTION JOINTS BY MEANS OF AIR AND WATER JETTING PRIOR TO FULL CURING PROVIDING AN EXPOSED AGGREGATE FINISH TO RECEIVE NEXT POUR. (MAXIMUM CURING = 6 HOURS)
  - ANY DRAINS PASSING THROUGH CONCRETE SLAB TO BE CONTAINED WITHIN A DRAINAGE SLEEVE.



FIXED PITCH 04 & 05 FOUNDATION PLAN

SCALE 1: 100

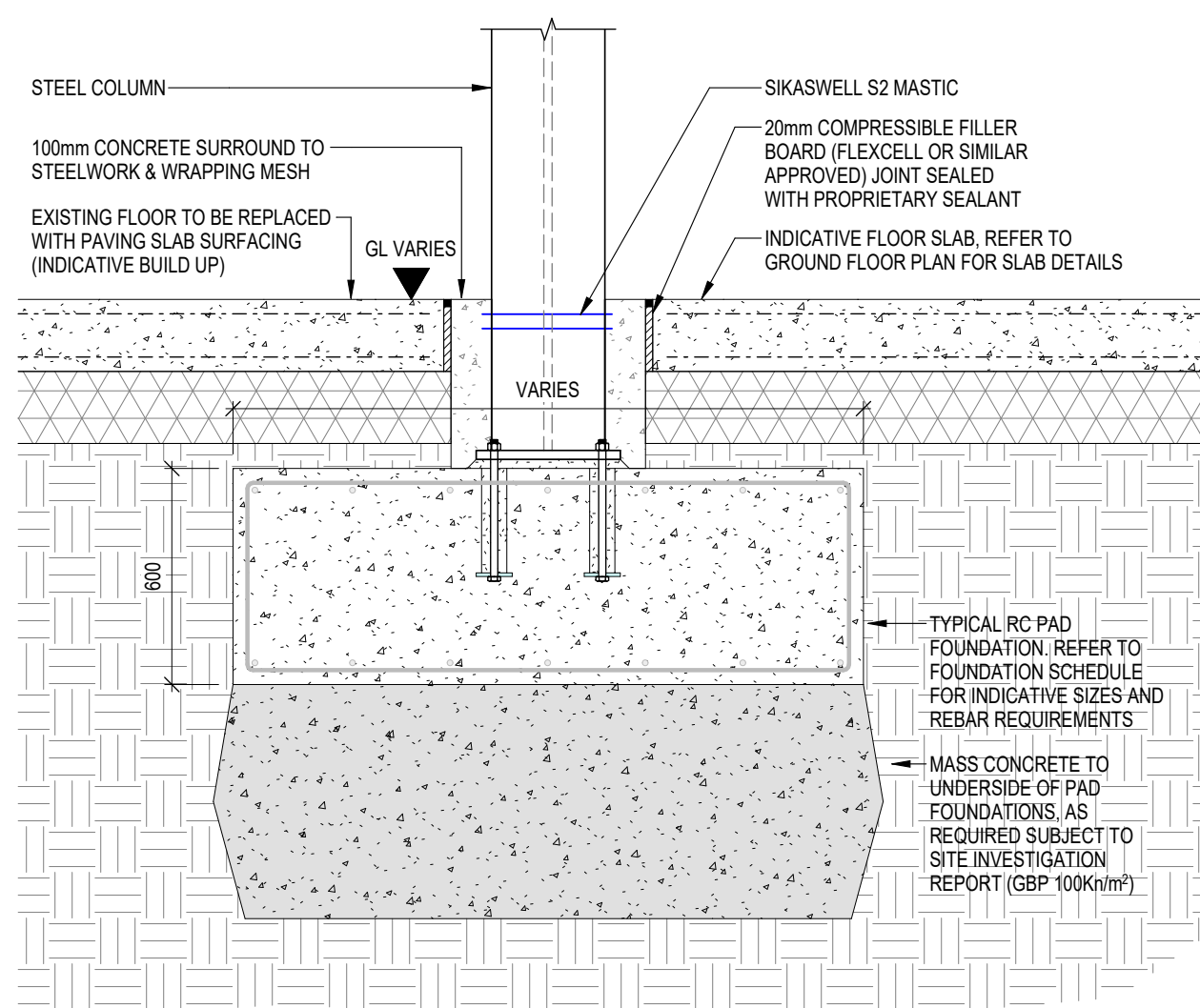
ALL PROPOSED FOUNDATION SIZES  
AND ToF LEVELS ARE INDICATIVE  
ONLY. TO BE CONFIRMED SUBJECT  
TO SITE GROUND INVESTIGATION

POTENTIAL CLASH WITH EXISTING  
COLUMN FOUNDATION DETAILS TBC  
SUBJECT TO SI REPORT FINDINGS

UNLESS NOTED OTHERWISE:  
MASS CONCRETE TO UNDERSIDE OF  
ALL PAD FOUNDATIONS, AS REQUIRED  
SUBJECT TO SITE INVESTIGATION  
REPORT (GBP 100k/m<sup>2</sup>).

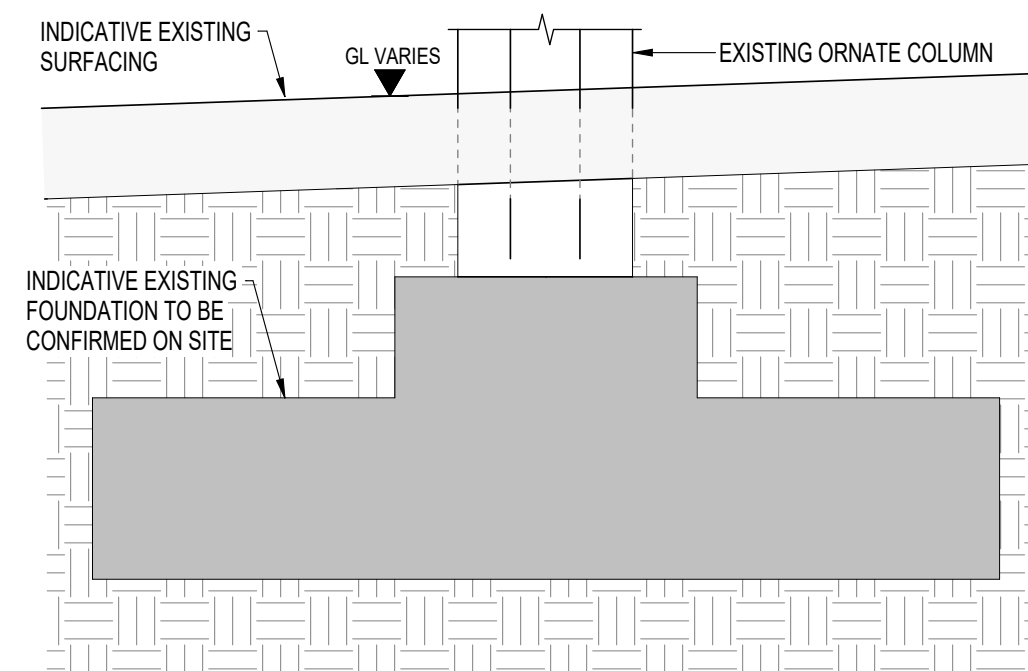
NOTE: ALL PROPOSED FOUNDATION  
TYPE AND SIZES SHOWN INDICATIVE. TO  
BE CONFIRMED SUBJECT TO FURTHER  
DESIGN DEVELOPMENT AND SITE  
GROUND INVESTIGATION.

ALL PROPOSED FOUNDATION TYPE AND SIZES  
SHOWN INDICATIVE. TO BE CONFIRMED  
SUBJECT TO FURTHER DESIGN DEVELOPMENT  
AND SITE GROUND INVESTIGATION.



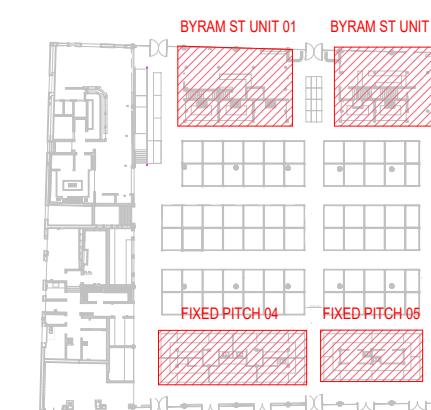
TYPICAL PAD FOUNDATION DETAIL

SCALE 1: 20



TYPICAL INDICATIVE EXISTING FOUNDATION DETAIL

SCALE 1: 25



LOCATION PLAN

| Revision | Drawn | Checked | Approved | Modifications                                                                               |
|----------|-------|---------|----------|---------------------------------------------------------------------------------------------|
| P02      | BS    | SW      | SW       | ISSUED FOR STAGE 1 COORDINATION/PRICING PLANS UPDATED TO REFLECT REVISIONS OF STAGE 1 PLANS |
| P01      | BS    | SW      | SW       | ISSUED FOR STAGE 2 COORDINATION/PRICING                                                     |

**swa**  
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Client  
**Kirklees COUNCIL**

Project  
**HUDDERSFIELD MARKET**

Title  
**OPEN MARKET FOUNDATIONS GENERAL ARRANGEMENT**

Scale  
As indicated

Revision  
P02

Status Code  
S1

Original Size  
A1

Org. No.  
**1036-SWA-00-B1-DR-S-1101**

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