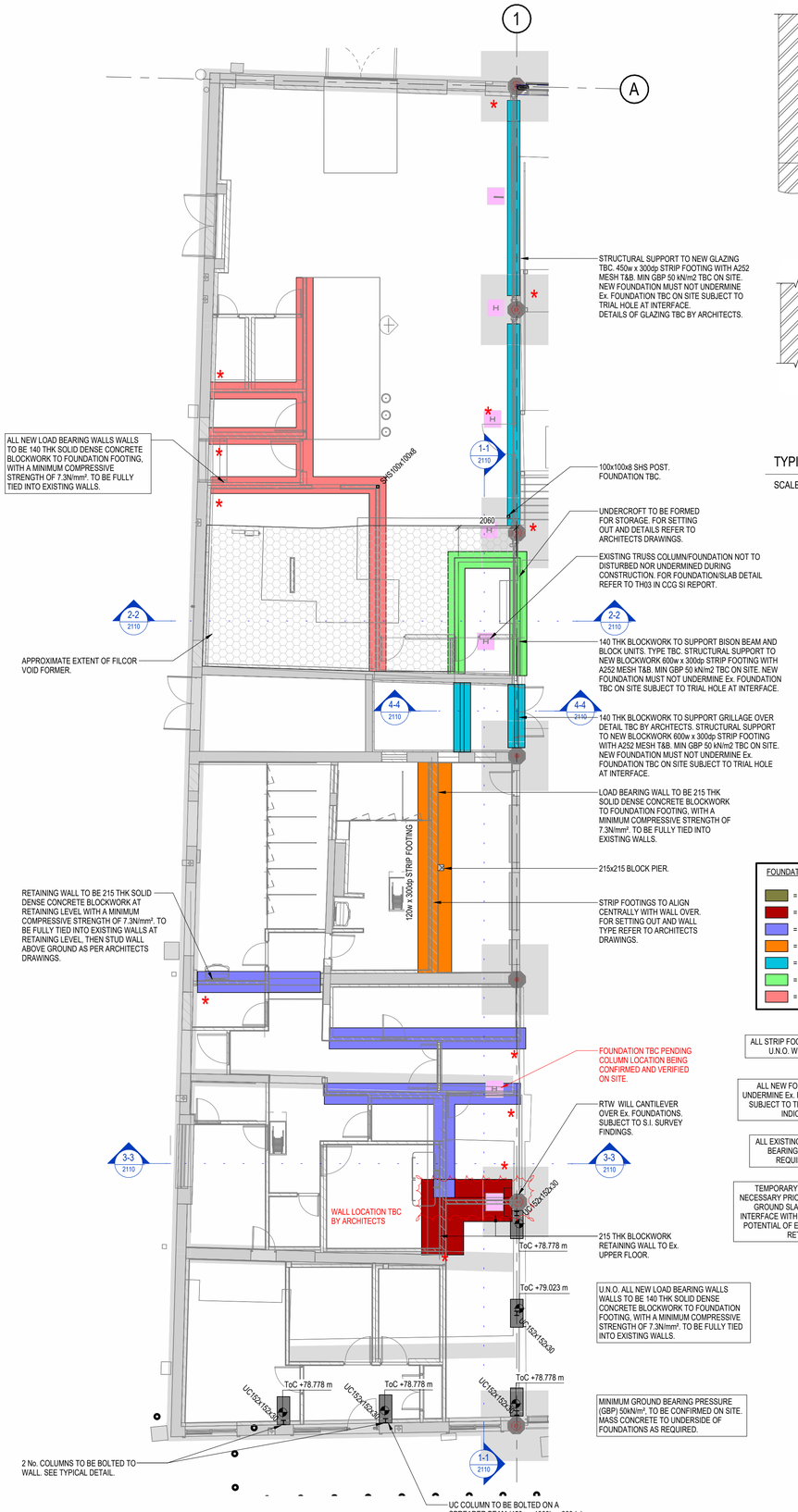
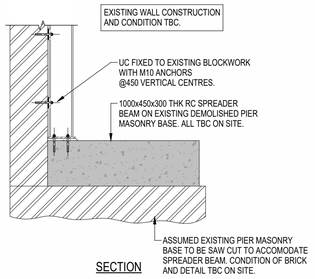


FOUNDATION PLAN

SCALE 1 : 100



SECTION

PLAN

TYPICAL COLUMN WALL CONNECTION

SCALE 1 : 20

FOUNDATION LEVELS

- = +78.650m T.O.F.
- = +78.800m T.O.F.
- = +79.215m T.O.F.
- = +79.600m T.O.F.
- = +79.900m T.O.F.
- = +80.365m T.O.F.
- = +80.900m T.O.F.

ALL STRIP FOOTING TO BE 750w x 300dp U.N.O. WITH A252 MESH T&B.

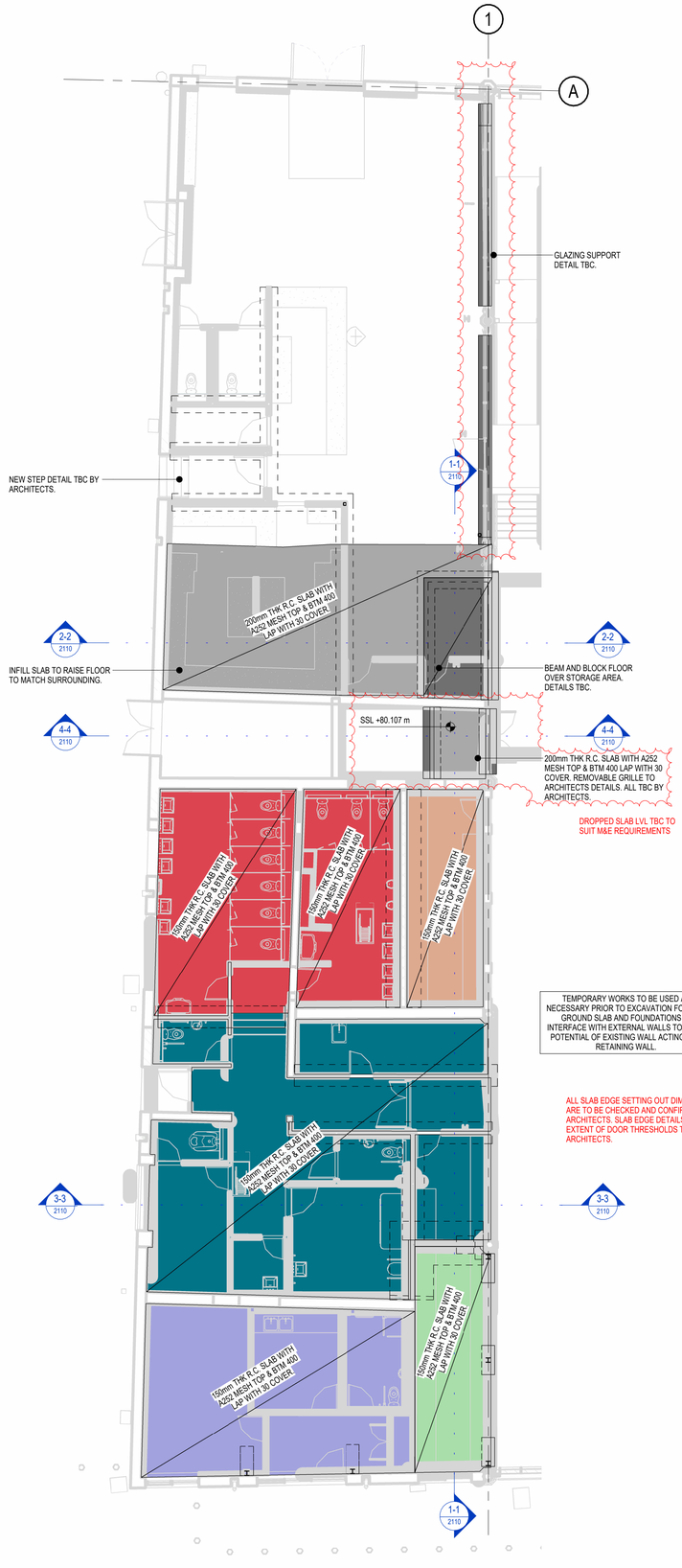
ALL NEW FOUNDATIONS SHALL NOT UNDERMINE Ex. FOUNDATIONS. TBC ON SITE SUBJECT TO TRIAL HOLE AT INTERFACE. INDICATED THUS '★'.

ALL EXISTING WALLS T.B.C. AS LOAD BEARING WALLS. TRIAL HOLE REQUIRED TO CONFIRM.

TEMPORARY WORKS TO BE USED AS NECESSARY PRIOR TO EXCAVATION FOR NEW GROUND SLAB AND FOUNDATIONS AT INTERFACE WITH EXTERNAL WALLS TO AVOID POTENTIAL OF EXISTING WALL ACTING AS A RETAINING WALL.

U.N.O. ALL NEW LOAD BEARING WALLS WALLS TO BE 140 THK SOLID DENSE CONCRETE BLOCKWORK TO FOUNDATION FOOTING, WITH A MINIMUM COMPRESSIVE STRENGTH OF 7.3N/mm². TO BE FULLY TIED INTO EXISTING WALLS.

MINIMUM GROUND BEARING PRESSURE (GBP) 50kN/m². TO BE CONFIRMED ON SITE. MASS CONCRETE TO UNDERSIDE OF FOUNDATIONS AS REQUIRED.



TEMPORARY WORKS TO BE USED AS NECESSARY PRIOR TO EXCAVATION FOR NEW GROUND SLAB AND FOUNDATIONS AT INTERFACE WITH EXTERNAL WALLS TO AVOID POTENTIAL OF EXISTING WALL ACTING AS A RETAINING WALL.

ALL SLAB EDGE SETTING OUT DIMENSIONS ARE TO BE CHECKED AND CONFIRMED BY ARCHITECTS. SLAB EDGE DETAILS ACROSS EXTENT OF DOOR THRESHOLDS TBC BY ARCHITECTS.

SLAB LEVELS

- = +78.978m S.S.L.
- = +79.223m S.S.L.
- = +79.498m S.S.L.
- = +79.948m S.S.L.
- = +79.953m S.S.L.
- = +XX.XXXm S.S.L.

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

FOR DRAINAGE DETAILS REFER TO DRG No. 1036-SWA-00-XX-DR-D-500 & 501.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH :
1036-SWA-00-ZZ-DR-S-2102 - PLANT LEVEL AND LOFT FLOORS GA
1036-SWA-00-ZZ-DR-S-2110 - STRUCTURAL SECTIONS SHEET 1

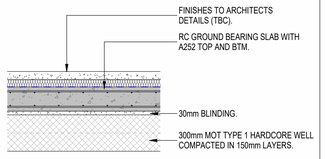
GROUND FLOOR PLAN

SCALE 1 : 100

KEY TO HEALTH AND SAFETY SYMBOLS

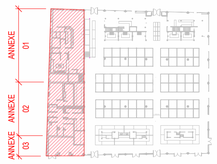
- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION.
- INDICATES A RESIDUAL RISK FOR INFORMATION.
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION.
- INDICATES A RESIDUAL RISK AS A WARNING.

	CONTRACTOR TO CONDUCT SURVEY TO CONFIRM EXACT LOCATIONS OF EXISTING BELOW GROUND DRAINAGE AND SERVICES PRIOR TO CONSTRUCTION OF FOUNDATIONS AND FLOOR SLAB.
	ALL TEMPORARY WORKS TO THE CONTRACTORS DESIGN AND DETAILS.
	THE CONTRACTOR MUST ENSURE THAT EXISTING STRUCTURES REMAIN ADEQUATELY SUPPORTED AND STABLE WHILST THE WORK IS BEING UNDERTAKEN. PROPPING MAY BE NEEDED AND TO BE USED IN ACCORDANCE WITH HEALTH AND SAFETY GUIDELINES.
	ALL DIMENSIONS, LEVELS & SETTING OUT ARE SHOWN INDICATIVE & TO BE CHECK ON SITE PRIOR TO WORKS COMMENCING.
	EXISTING FOUNDATIONS TO BE CONFIRMED ON SITE



TYPICAL SLAB DETAIL ANNEXE

SCALE 1 : 25



LOCATION PLAN ANNEXE

SCALE 1 : 1000

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

Notes

GENERAL NOTES
1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN MILIMETERS U.N.O.
3. ALL LEVELS ARE N METRES ABOVE ORDINANCE DATUM U.N.O.
4. THIS DRAWING IS TO BE READ IN CONJUCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
5. ALL BUILDING WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE BUILDING REGULATIONS (LATEST EDITION) AND THE CIVIL STRUCTURAL AND ARCHITECTURAL SPECIFICATIONS.

6. CONCRETE
a) CONCRETE TO BE GRADE C40 WITH 325Kg/m³ CEMENT CONTENT, WATER CEMENT RATIO OF 0.55 AND S4 CONSISTENCY TO BS8500 UNLESS STATED OTHERWISE.
b) ALL NON-STRUCTURAL BLINDING CONCRETE TO BE MIX GEN 1 TO BS8500 2002.
c) ALL MASS CONCRETE TO BE DESIGNATED CONCRETE MIX GEN 3 TO BS8500
d) ALL CONCRETE TO BE : DESIGN SULPHATE CLASS DS-1 AND AN ACEC CLASSIFICATION OF AC-1.
e) CONCRETE FINISHES TO BE SPECIFIED BY THE ARCHITECT.

7. REINFORCEMENT
a) ALL REINFORCEMENT BARS TO BE HOT ROLLED HIGH YIELD GRADE 500N/mm TYPE 2 DEFORMED BARS TO BS4449 2005.
b) REINFORCEMENT BARS TO BE BENT IN ACCORDANCE WITH BS8666 2005.
c) 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
a) ALL FOUNDATIONS TO BE IN ACCORDANCE WITH RECOMMENDATIONS OF SITE SPECIFIC GEOTECHNICAL AND SITE INVESTIGATION REPORT PENDING BY CCG.
b) ANY SOFT SPOTS AND SIGNIFICANT BELOW GROUND OBSTRUCTUIONS ARE TO BE REMOVED FROM THE GROUND MEDIUM AND REPLACED WITH WELL COMPACTED HARDCORE.
c) ALL FORMATION LEVELS TO BE PROTECTED WITH A 75mm CONCRETE BLINDING IMMEDIATELY AFTER EXCAVATION.
d) DPM TO ARCHITECTS DETAILS.
e) ALL WELL COMPACTED HARDCORE TO BE GRANULAR MATERIAL TO HA SPECIFICATION CLAUSE 803 TYPE 1.
f) LATENCIES TO BE REMOVED FROM ALL HORIZONTAL CONSTRUCTION JOINTS BY MEANS OF AIR AND WATER JETTING PRIOR TO FULL CURING PROVINDING AN EXPOSED AGGREGATE FINISH TO RECIEVE NEXT POUR. (MAXIMUM CURING = 6 HOURS)
g) ANY DRAINS PASSING THROUGH CONCRETE SLAB TO BE CONTAINED WITHIN A DRAINAGE SLEEVE

Revision	Drawn	Checked	Approved	Modifications
P03	BG 07/08/25	SH 07/08/25	MH 07/08/25	ISSUED FOR STAGE 2 COORDINATION/PRICING. REDRAWN TO REFLECT REVISED SCHEME.
P02	BG 13/02/25	SH 13/02/25	MH 13/02/25	ISSUED FOR STAGE 2 COORDINATION/PRICING. FOUNDATIONS UPDATED TO REFLECT CHANGE IN WALL TYPE.
P01	BG 31/01/25	SH 31/01/25	MH 31/01/25	ISSUED FOR STAGE 2 COORDINATION/PRICING.

SANDERSON WATTS ASSOCIATES
Consulting Engineers
Century House 100 Chapel Lane Wigan WN3 4HG
Tel : 01942 491777 Fax : 01942 491333
Email : swa@sandersonwatts.com
Website : www.sandersonwatts.com

Client
Kirklees COUNCIL

Project
HUDDERSFIELD MARKET

Title
ANNEXE BUILDING FOUNDATIONS AND GROUND FLOOR SLAB GENERAL ARRANGEMENT

Scale	Revision	Status Code	Original Size
AS SHOWN	P03	S1	A1

Drg. No.
1036-SWA-00-ZZ-DR-S-2101

Copyright Reserved to Sanderson Watts Associates
These plans and specifications are the property of Sanderson Watts Associates, and shall not be re-printed or reproduced, in whole or part, without their written consent, nor shall any building or structure be constructed in accordance with such plans and specifications or any modifications thereof without the written consent of Sanderson Watts Associates.