

FOR CONSTRUCTION

Wall Schedule W1 225mm THK. RC WALL W3 300mm THK. RC WALL Structural Column Schedule

Type Mark 200 x 800mm RC COLUMN C1 400 x 400mm RC COLUMN C2 C3 300 x 1000mm RC COLUMN 385 x 1000mm RC COLUMN 450 x 450mm RC COLUMN C5 960 x 240mm RC COLUMN

725 x 350mm RC COLUMN

350 x 350mm RC COLUMN

C9 250 x 800mm RC COLUMN

C8

R	C Upstand Schedule
ype Mark	Туре
UPS1	150mm THK. RC UPSTAND
UPS2	160mm THK. RC UPSTAND
UPS3	215mm THK. RC UPSTAND

Revision Schedule Arch/ Client Iss By Chk By

AM SH

AM SH

AM SH Rev No Date Revision Note P1 03/02/23 ISSUED FOR COMMENT **ACORN HOUSE** P2 13/02/23 PROPOSED STRENTHENING WORKS ADDED P3 22/02/23 REVISED AS PER LATEST ARCHITECTS LAYOUTS Title BASEMENT PLAN AM SH P4 24/02/23 NOTES REVISED - CLOUDED AM SH P5 28/03/23 REVISED AS PER LATEST ARCHITECTS LAYOUTS P6 09/05/23 REVISED AS NOTED P7 17/05/23 REVISED AS NOTED P8 17/05/23 REVISED LINEAR WALL POSITION Drawing indentifier P9 27/06/23 REVISED THROUGHOUT C1 28/06/23 ISSUED FOR CONSTRUCTION M013U - CSC - 01 - B1 - DR - S - 1990 - C3 10/07/23 REVISED THROUGHOUT TO MATCH ARCHITECTS LATEST DRAWINGS 19/07/23 FLOOR GULLIES ADDED Aprvd by Scale @ A1 19/07/23 SH 1:100

GENERAL NOTES:

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STRUCTURAL ELEMENTS

a) - CONCRETE TO BE GRADE: * C32/40 - FOR ALL STRUCTURE ABOVE GROUND U.N.O.

* C32/40 - FOR BASES * C32/40 - FOR GROUND FLOOR SLAB, BASEMENT SLABS AND ALL OTHER STRUCTURE BELOW GROUND LEVEL

* C32/40 - FOR SUPERSTRUCTURE COLUMNS AND WALLS

(REF. TO PROJECT SPECIFICATION) - MINIMUM CEMENT CONTENT 375kg/m3 - MAXIMUM W/CEMENT RATIO 0.55

- MAXIMUM SLUMP 100mm (HIGH WORKABILITY)

- SUPER PLASTICIZER RHEOBUILD 716 OR SIMILAR APPROVED. - DENSE WELL VIBRATED (TWO STAGE POKER OR SIMILAR) CONCRETE.

ALL ENGINEERING SPECIFICATION TO BE AVAILABLE IN HARD COPY ON SITE AND REVIEWED BY ALL PRIOR TO COMMENCEMENT OF THE

ALL CONCRETE WITHIN THE GROUND TO BE A DESIGN CLASS OF DS-2 AND ACEC CLASS OF AC-2

b) CONCRETE BLINDING/LEAN MIX - CONCRETE TO BE MIN GRADE 15N20

c) 50mm SAND CEMENT BLINDING TO BE PROVIDED TO ALL FOUNDATIONS, GROUND BEARING SLABS AND SLABS REQUIRING HEAVE PROTECTION MATERIAL.

d)HEAVE PROTECTION TO BE ADVISED BY SI REPORT.

e) LIGHTNING PROTECTION TO BE PROVIDED TO A NUMBER OF PLACES THROUGHOUT THE BUILDING AS REQUIRED/SPECIFIED BY THE M&E CONSULTANT. THIS IS TO BE PROVIDED THOUGHT REINFORCEMENT CONNECTION FROM PILE REINFORCEMENT TO BE CONNECTED TO BUILDING REINFORCEMENT ALL THE WAY TO ROOF LEVEL. NO FOUNDATIONS TO BE POURED UNTIL CONTRACTOR IS CLEAR ON WHERE THIS HAS TO BE INSTALLED.

f) CONTRACTOR TO HAVE FULLY REVIEWED THE SITE INVESTIGATION REPORT AND TO BE FULLY AWARE OF THE SITE CONDITIONS AND WHAT CONSTRAINTS THEY PUT ON CONSTRUCTION TECHNIQUES AND CONCRETE TYPES THAT CAN BE USED IN THE GROUND.

g) STAIRS HALF LANDINGS 250 DEEP AND WAIST TO STAIRS 225 DEEP UNLESS NOTED OTHER WISE BY ARCHITECT- CONSULT PRIOR TO ÖRDERING SHOULD THERE BE ANY QUERIES.

JOINTS & FINISHES & PENETRATIONS

a) DAY WORK JOINTS SHALL BE KEPT TO A MINIMUM IN BOTH FOUNDATION/SLAB MINIMISE WEAK POINTS FOR MOISTURE INGRESS. JOINT DETAILS FOR ALL ELEMENTS AGAINST THE GROUND TO BE PROVIDED BY THE WATERPROOFING SUPPLIERS AND ANY WARRANTY INSPECTION REQUIREMENTS CARRIED OUT.

b) ALL JOINTING ARRANGEMENTS BY CONTRACTOR TO BE AGREED WITH ENGINEER, ARCHITECT AND WATERPROOFING SPECIALIST

c) STRUCTURAL SLABS IN BASEMENT, TERRACE AND ROOF AREAS TO BE LAID TO FALLS TO GULLIES/DRAINAGE POINTS. ANY BALCONIES SLABS TO BE LAID TO FALLS TO DRAINAGE OUTLETS TO BE PROVIDED IN EACH BALCONY.

d) IN PUBLIC SPACES AND COMMUNAL AREAS EXPOSED COLUMNS TO HAVE FAIR FACED FINISHES. CONTRACTOR TO CHECK THE EXTENT OF THESE AREAS WITH THE ARCHITECT AND BE CLEAR ON ALL COLUMN/WALL AND SLAB FINISHES PRIOR TO COMMENCEMENT

e) BASEMENT SLAB AREAS TO BE PAN FLOATED SLAB FINISH - FINISH TO BE CONFIRMED BY CONTRACTOR WITH WATERPROOFING SPECIALIST AND ADVISED TO THE DESIGN TEAM.

f) GROUND AND UPPER FLOORS TO BE PAN FLOATED SLAB FINISH TO TOLERANCE OF +/- 3MM

g) ALL BASEMENT AREAS & BELOW GROUND AREAS GRADE 3 BASEMENTS IN ACCORDANCE WITH ARCHITECTS DETAILS OR OTHER DETAILS FULLY SIGNED OFF BY THE DESIGN TEAM.

h) ALL WATERPROOFING AND DAMP PROOFING DETAILS SHALL BE AS INDICATED ON THE ARCHITECTS DRAWINGS/SPECIFICATIONS. i) LAYOUT OF JOINTS IN RC WALLS ARE REPRESENTATIVE OF THE ENGINEER'S PROPOSAL.

a) WINDPOSTS TO BE PROVIDED IN ALL INTERNAL MASONRY WALLS AT 3m c/c.

b) WALL TIES COMPLYING WITH IS EN 845-1 SHALL BE PROVIDED IN ACCORDANCE WITH THE ENGINEERS SPECIFICATIONS OR AS OTHERWISE STATED ON DRAWINGS. WALL TIES SHALL IN ADDITION BE PROVIDED AT 225 VERTICAL CENTRES AND WITHIN 150MM FROM THE EDGES OF OPES.

c) ALL PROPRIETARY LINTELS SHALL BE USED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. ALL LINTEL SCHEDULES AND DESIGN LOADINGS SHALL BE SUPPLIED TO ENGINEER FOR APPROVAL.

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f) ALL SOFT SPOTS/OVERDIG BELOW FORMATION FOR FOUNDATIONS ARE TO BE BACKFILLED WITH C12/15 CONCRETE U.N.O

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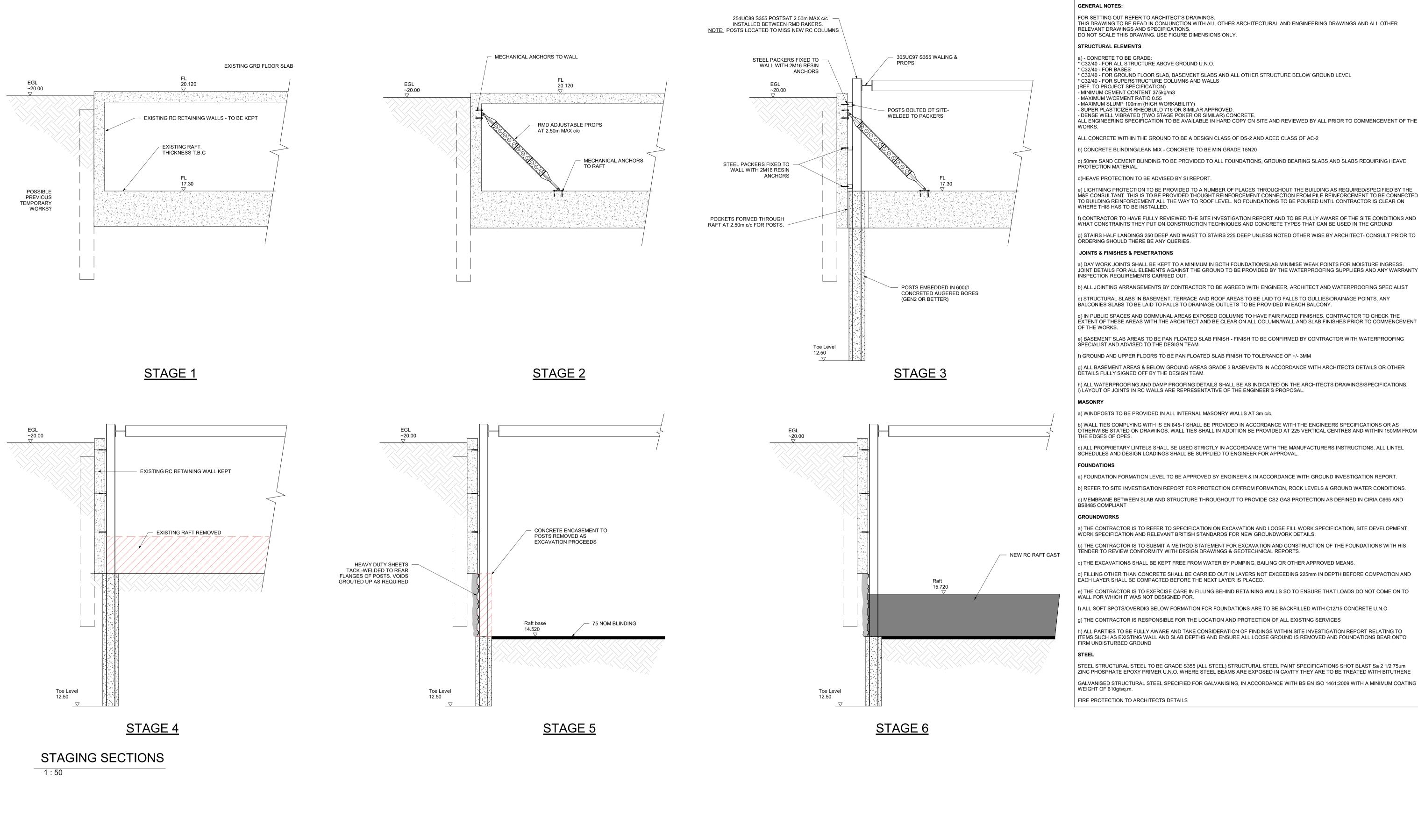
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STEEL STRUCTURAL STEEL TO BE GRADE S355 (ALL STEEL) STRUCTURAL STEEL PAINT SPECIFICATIONS SHOT BLAST Sa 2 1/2 75um ZINC PHOSPHATE EPOXY PRIMER U.N.O. WHERE STEEL BEAMS ARE EXPOSED IN CAVITY THEY ARE TO BE TREATED WITH BITUTHENE GALVANISED STRUCTURAL STEEL SPECIFIED FOR GALVANISING, IN ACCORDANCE WITH BS EN ISO 1461:2009 WITH A MINIMUM COATING

FIRE PROTECTION TO ARCHITECTS DETAILS

CS Consulting Engineers Centralpoint, 45 Beech Street, London, EC2Y 8AD T: +44 (0) 207 070 3660 e: info@csconsultinguk.com w: www.csconsultinguk.com Quality I.S. EN ISO 9001:2008
Environment I.S. EN ISO 14001:2004 NSAI Energy I.S. EN ISO 50001:2011

Certified Health & Safety OHSAS 18001:2007



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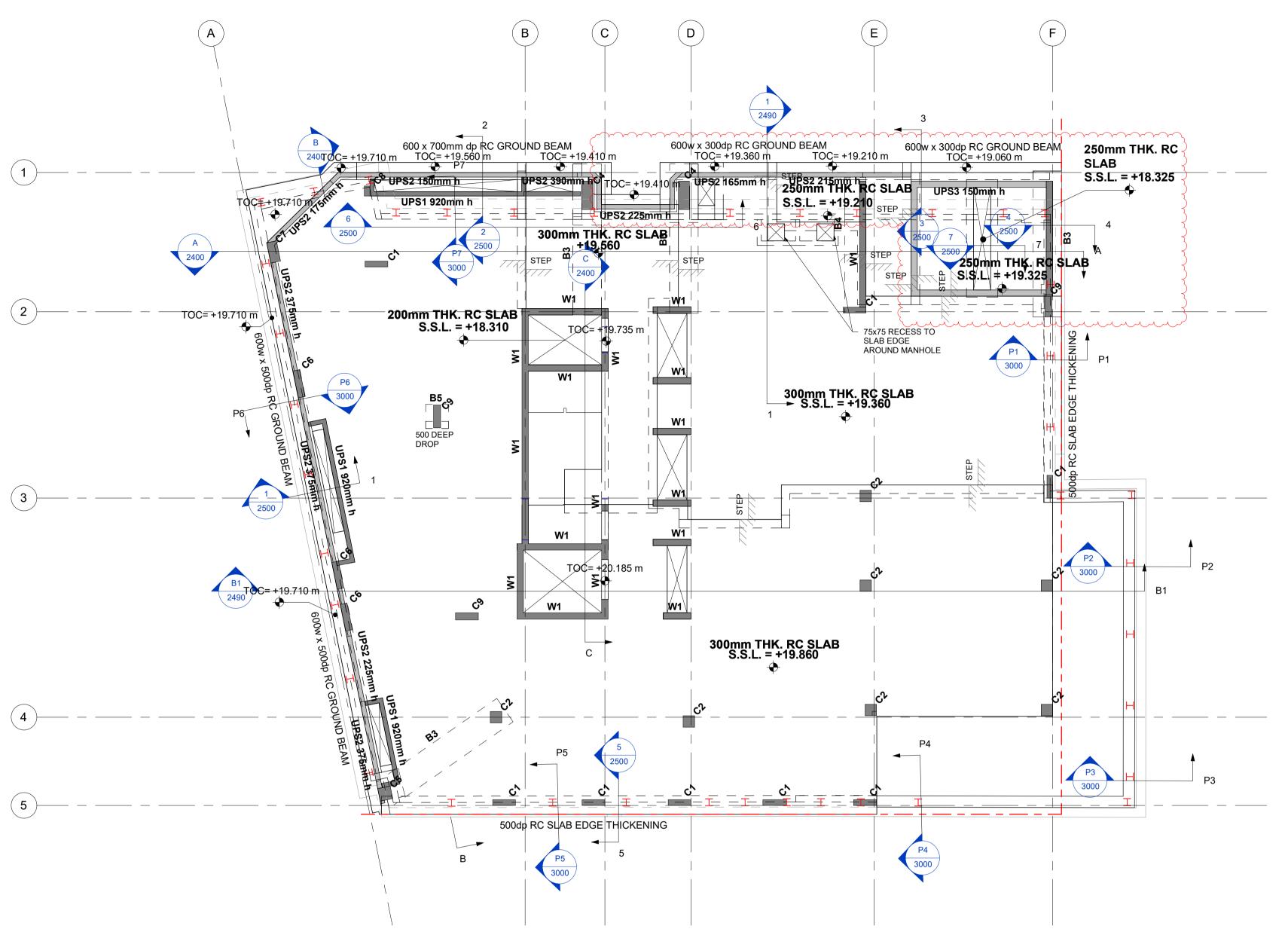




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Environment I.S. EN ISO 14001:2004 NSAI | Energy | I.S. EN ISO 50001:2011

Health & Safety OHSAS 18001:2007



GROUND FLOOR PLAN

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	Wall Schedule					
Ref. Type W1 225mm THK. RC WALL						
Stru	ıctural Column Schedule					
Type Mark Type C1 200 x 800mm RC COLUMN						
						C2
C3	300 x 1000mm RC COLUMN					
C4	385 x 1000mm RC COLUMN					
C5 450 x 450mm RC COLUMN						
C6	C6 960 x 240mm RC COLUMN					
C7	725 x 350mm RC COLUMN					
C8	350 x 350mm RC COLUMN					
C9 250 x 800mm RC COLUMN						

	RC Beam Schedule						
Type Mark	pe Mark Type						
B1	1250W x 550mm Dp. RC TRANSFER BEAM						
B2	B2 1250W x 600mm Dp. RC TRANSFER BEAM						
В3	1000W x 600mm Dp. RC TRANSFER BEAM						
B4	0W x 600mm Dp. RC TRANSFER EAM						
B5	800 x 850 x 500mm Dp. RC COLUMN HEAD						
R	C Upstand Schedule						
Type Mark	Туре						
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	P1	03/02/23 ISSUED FOR COMMENT	AM SH	-	rioject		ACORN HOUSE	
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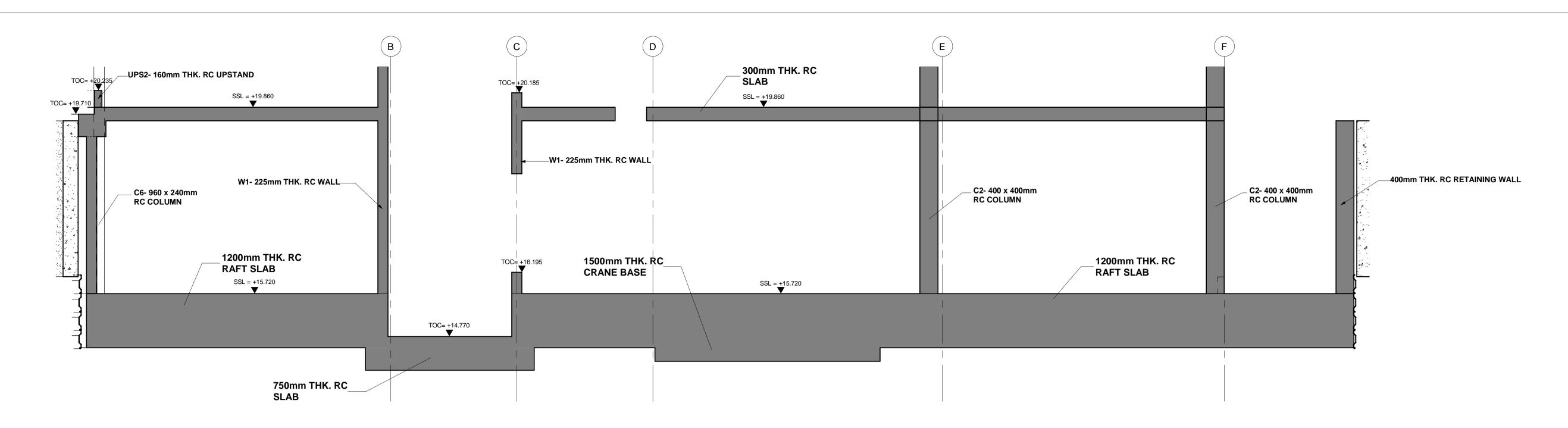
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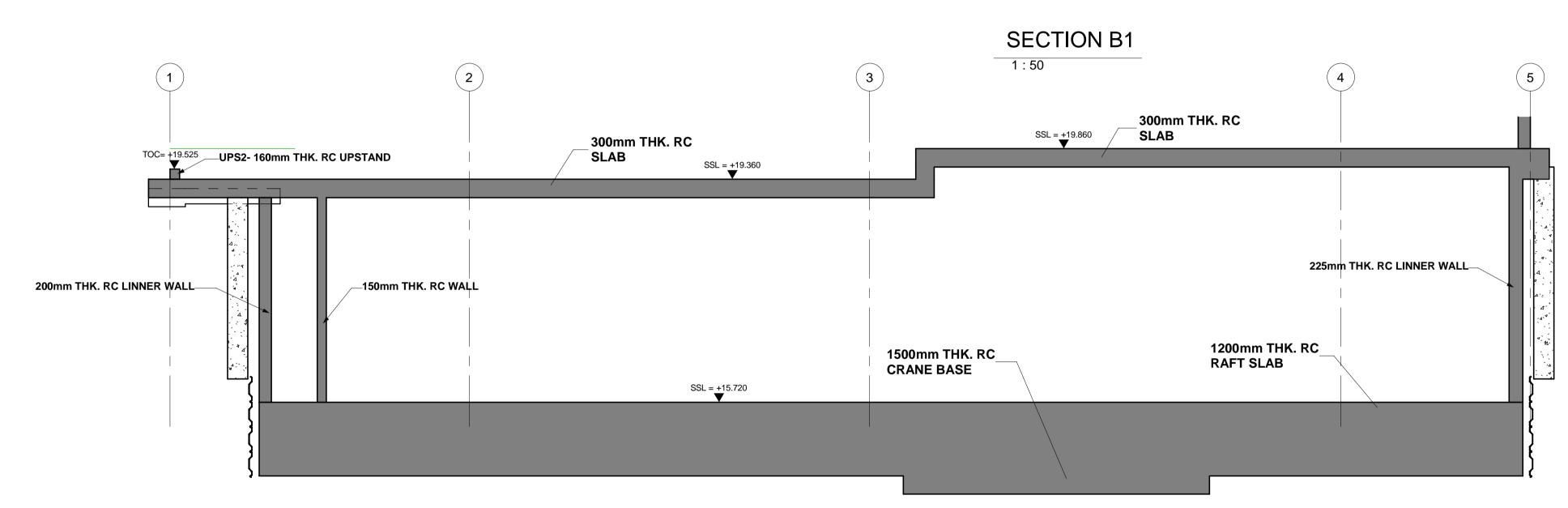
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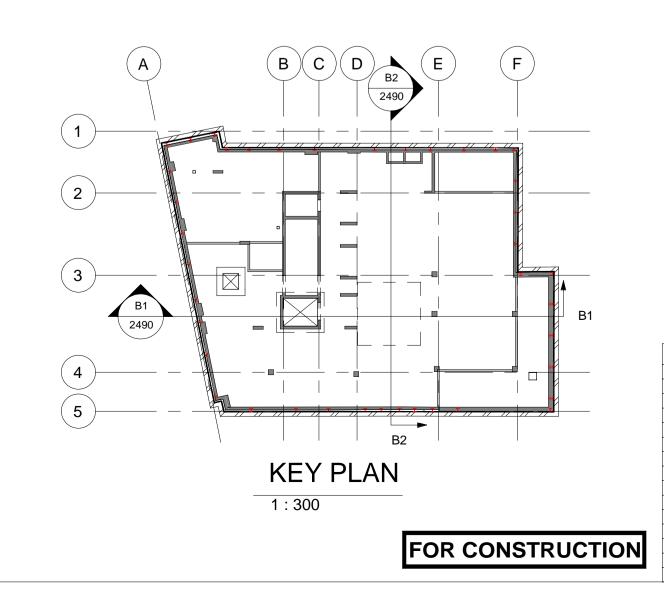
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Quality I.S. EN ISO 9001:2008
Environment I.S. EN ISO 14001:2004
NSAI Energy I.S. EN ISO 50001:2011

Health & Safety OHSAS 18001:2007





SECTION B2 1:50



	Revision Schedule			Arch/ Client
Rev No C1	Revision Note ISSUED FOR CONSTRUCTION	Iss By AM	Chk By SH	Project ACORN HOUSE
				Title BASEMENT SECTIONS
				Drawing indentifier project origin area level type role number revision M013U - CSC - 01 - ZZ - DR - S - 2490 - C
				Drn by Chkd by Aprvd by Date Scale © AM SH SH 08/08/23 As ind

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