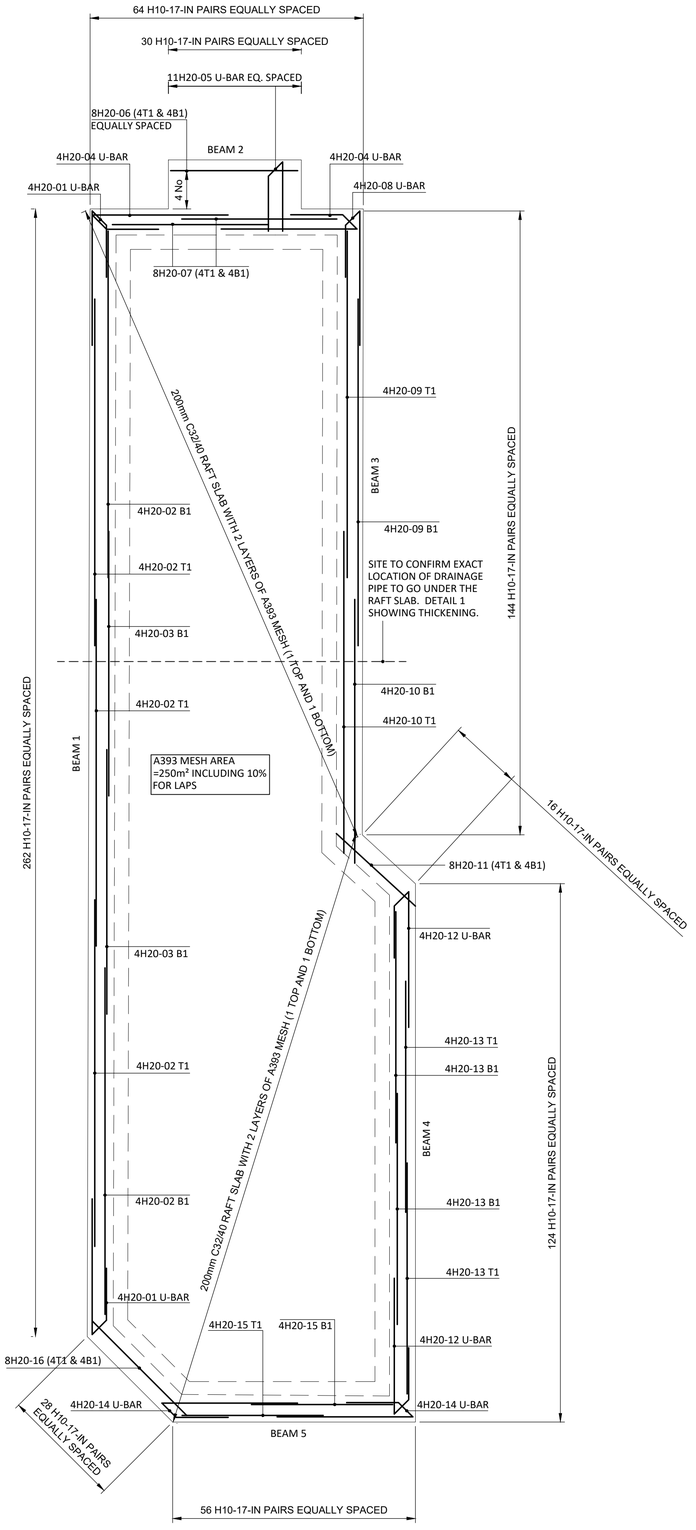
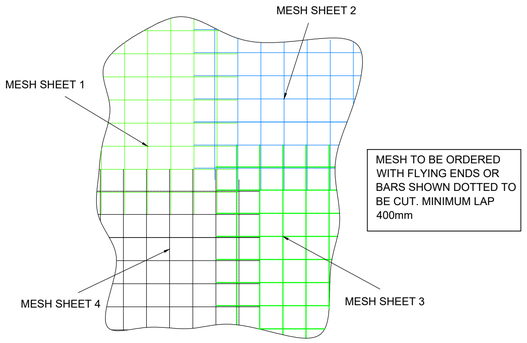


R4 - PROPOSED GROUND FLOOR PLAN showing RC Detailing)

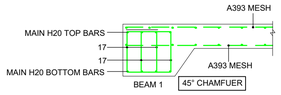
1:50



MESH TO BE ORDERED WITH FLYING ENDS OR BARS SHOWN DOTTED TO BE CUT. MINIMUM LAP 400mm

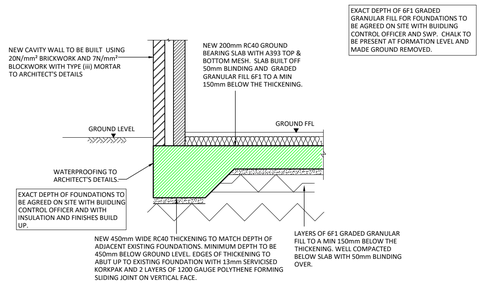
DETAIL 1 - TYPICAL MESH LAP

(1:25)



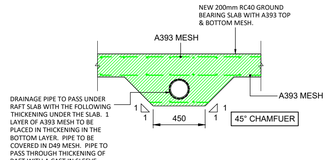
DETAIL 2 - TYPICAL EDGE SECTION - RC

1:20



DETAIL 2 - TYPICAL EDGE SECTION - BUILD

1:20



DETAIL 3 - DRAINAGE PIPE UNDER RAFT

1:20

C32/40 CONC. LAP LENGTHS

UNLESS NOTED OTHERWISE, MIN. ANCHORAGE AND LAP LENGTHS TO REINF'T. TO BE AS FOLLOWS, (100% LAPPED IN ONE LOCATION):-

BOTTOM (GOOD BOND) BARS

LAP LENGTH	ANCHORAGE
H8 - 300mm	H8 - 275mm
H10 - 400mm	H10 - 350mm
H12 - 525mm	H12 - 425mm
H16 - 775mm	H16 - 550mm
H20 - 1000mm	H20 - 700mm
H25 - 1300mm	H25 - 875mm
H32 - 1650mm	H32 - 1100mm
H40 - 2250mm	H40 - 1500mm

TOP (POOR BOND) BARS

LAP LENGTH	ANCHORAGE
H8 - 425mm	H8 - 400mm
H10 - 575mm	H10 - 500mm
H12 - 750mm	H12 - 600mm
H16 - 1100mm	H16 - 800mm
H20 - 1425mm	H20 - 1000mm
H25 - 1850mm	H25 - 1250mm
H32 - 2350mm	H32 - 1575mm
H40 - 3200mm	H40 - 2150mm

NB. WHERE 2 BARS OF DIFFERENT DIA's ARE LAPPING, THE LAP LENGTH FOR THE SMALLER DIA. SHOULD BE USED
ie H25 LAPPING WITH H16(B) = 775mm MIN.

GENERAL NOTES

1. DIMENSIONS ON THIS DRAWING SHALL NOT BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE. ALL DETAILS AND DIMENSIONING RELATING TO SUB-CONTRACTOR'S OR SUPPLIER'S WORK MUST BE CHECKED AND AGREED BETWEEN THE SUB-CONTRACTOR OR THE SUPPLIER AND THE GENERAL CONTRACTOR.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE DIMENSIONS BEFORE COMMENCING WORK.
4. THE MAIN CONTRACTOR IS RESPONSIBLE FOR ENSURING THE STABILITY OF THE STRUCTURE WHILST THE WORKS ARE IN PROGRESS.
5. DIFFERENCES BETWEEN THIS DRAWING AND THE SITE CONDITIONS ENCOUNTERED MUST BE REPORTED TO THE ENGINEER.
6. REINFORCED CONCRETE GRADE TO BE RC40
7. UNLESS NOTED OTHERWISE, NOMINAL COVER TO EC2 TO ALL REINFORCEMENT TO BE
   - BEAMS INTERNAL: ALL SIDES 50mm
   - BEAMS EXTERNAL: ALL SIDES 50mm
8. REINFORCEMENT SHOWN IS LISTED ON BAR BENDING SCHEDULE SHEET Nos. 9226-SWP-Z1-01-DT-S-6001_SH SHEETS 01
9. ALL BAR MARKS TO BE PREFIXED: 9226
10. B DENOTES GRADE B500B STEEL (BS 4449:2005); H DENOTES GRADE B500A, B500B OR B500C STEEL; T1 DENOTES OUTERMOST TOP LAYER; T2 DENOTES SECOND TOP LAYER; B1 DENOTES OUTERMOST BOTTOM LAYER; B2 DENOTES SECOND BOTTOM LAYER; EF DENOTES EACH FACE; NF DENOTES NEAR FACE; FF DENOTES FAR FACE; STAG DENOTES STAGGERED BARS; ABR DENOTES ALTERNATE BARS REVERSED; S.S.L. DENOTES STRUCTURAL SLAB LEVEL; F.F.L. DENOTES FINISHED FLOOR LEVEL; LLT DENOTES LONG LEG TOP; LLB DENOTES LONG LEG BOTTOM
11. BARS DETAILED IN THIS DRAWING ARE LISTED AS FOLLOWS:- 2x10 H10-01-200 B1 — LAYER/NOTES; BAR SPACING (CENTRE/CENTRE OF BAR); BAR MARK REFERENCE; DIA. OF BAR; GRADE OF STEEL; NUMBER OF BARS REQUIRED; MULTIPLE OF BARS
12. ALL CHAIRS AND SUPPORTS TO TOP STEEL TO BE PROVIDED BY CONTRACTOR.
13. ALL SPACERS AND CHAIRS SHALL COMPLY WITH THE REQUIREMENTS OF BS 7973.
14. CONCRETE FACES OF ALL KICKERS TO BE SCABBLED WHEN CONCRETE IS 'GREEN' IN ORDER FOR IT TO KEY TO SUBSEQUENT POURS.

REV.	DATE	DESCRIPTION

CONSTRUCTION

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CLIENT: ST MARY'S VIEW DEVELOPMENTS LTD

ARCHITECT: TURNER ASSOCIATES

JOB TITLE: EAST STREET SHOREHAM, BN43 5ZD

DRAWING TITLE: R4 RC DETAILING DRAWING PHASE 3

SCALE AT A1	DATE	DRAWN
n/a	FEB '25	MG
	ENG. MG	CHECKED SWP

RIBA STATUS: STAGE 4 - Technical Design

DRAWING STATUS: S4 — DRAWING SUITABILITY: REVIEW AND COMMENT

JOB No.: E9226 — DRAWING No.: 9226-SWP-Z1-ZZ-DT-S-6001 (PROJECT - ORIGINATOR - VOLUME - LEVEL - FORM - DISCIPLINE - NUMBER) — REV.: C01

1:1 @ A1
1:2 @ A3
0 10 20 30 40 50 60 70 80 90 100