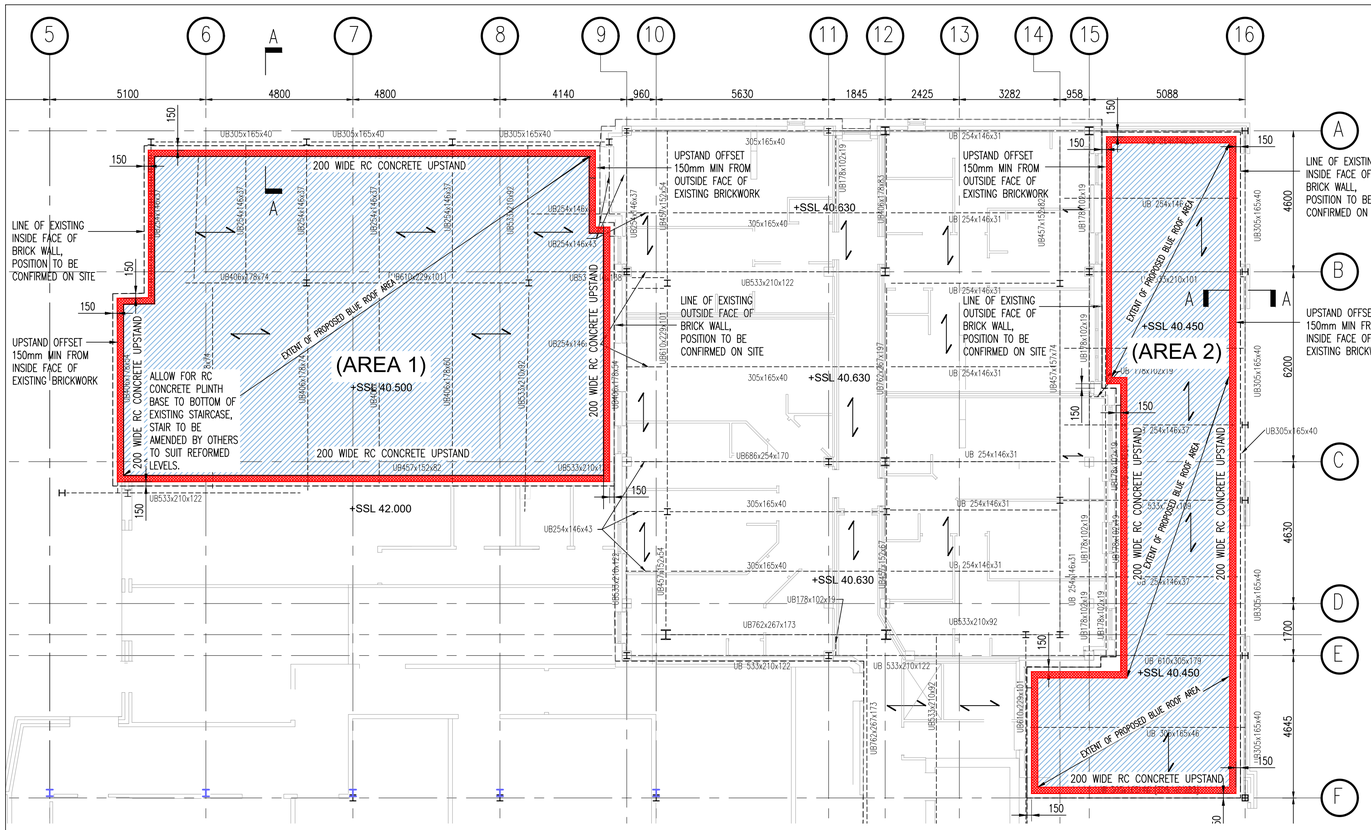
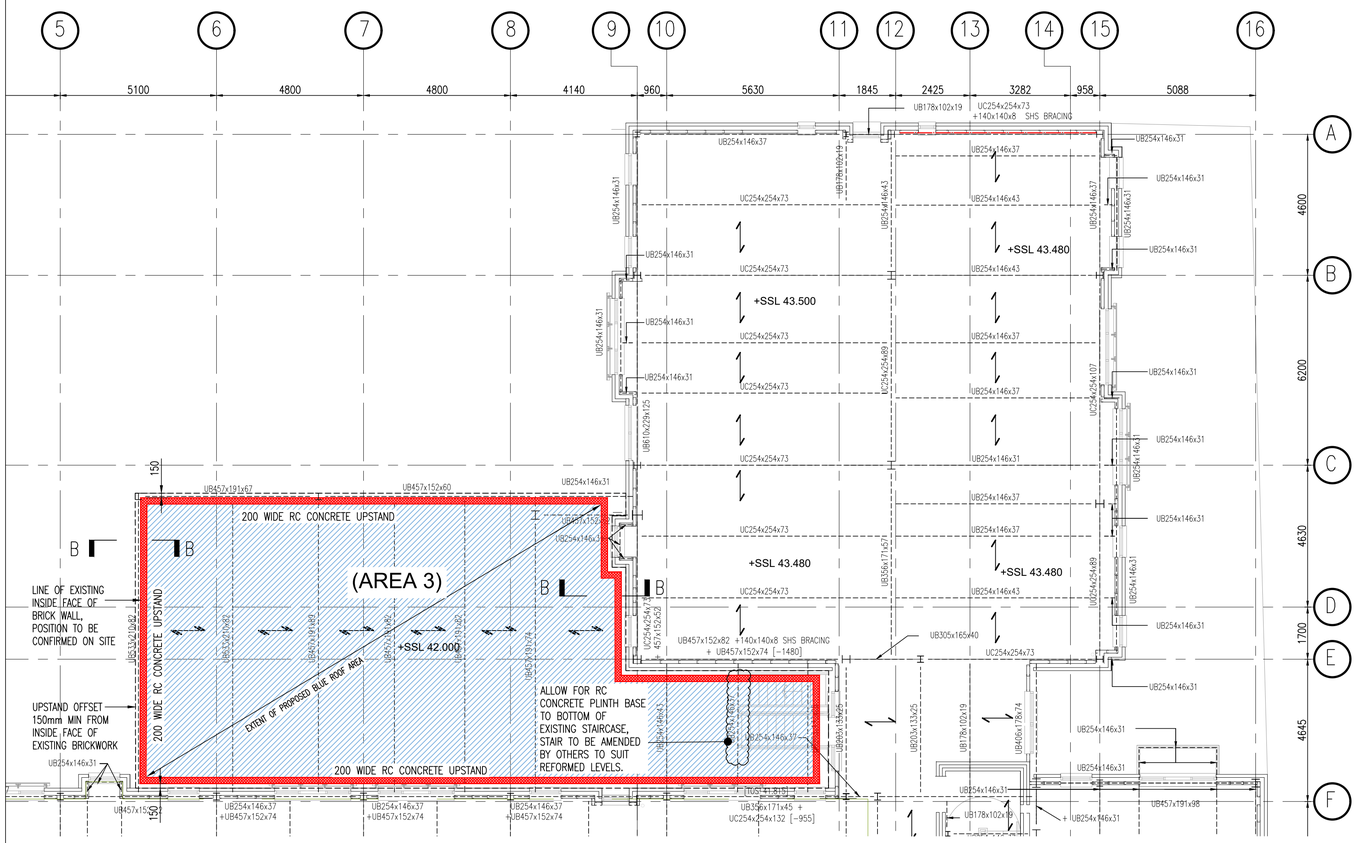


EXISTING ROOF SHOWING AREAS 1&2 OF NEW BLUE ROOF

SCALE 1:100



EXISTING ROOF SHOWING AREA 3 OF NEW BLUE ROOF

SCALE 1:100

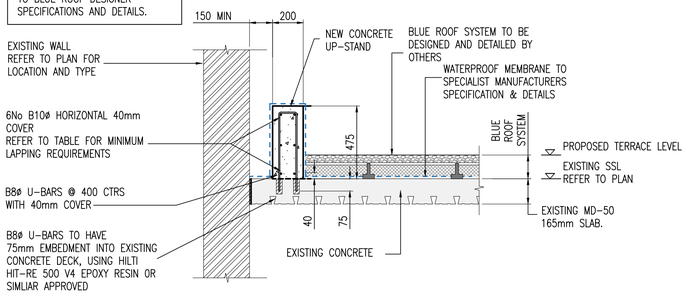
KEY:

- INDICATES EXTENT OF PROPOSED REINFORCED UP-STAND REFER TO SECTIONS FOR DETAIL
- INDICATES EXTENT OF PROPOSED BLUE ROOF INSTALLED TO SPECIALIST MANUFACTURERS SPECIFICATION.
- INDICATES SPAN DIRECTION OF EXISTING 165mm DEEP C25/30 CONCRETE KINGSPAN MD-50 METAL DECK FLOORING.
- INDICATES SPAN DIRECTION OF EXISTING 165mm DEEP C25/30 CONCRETE KINGSPAN MD-60 METAL DECK FLOORING.

NOTE:
PRIOR TO WORKS COMMENCING EXISTING FINISHES ARE TO BE REMOVED IN AREAS OF PROPOSED WORKS. CONTRACTOR TO PROVIDE SUITABLE METHOD.

NOTE:
FOR REINFORMENT DRAWING AND DETAILS REFER TO SUTCLIFFE DRAWING 33196-SUT-ZZ-XX-DR-S-400

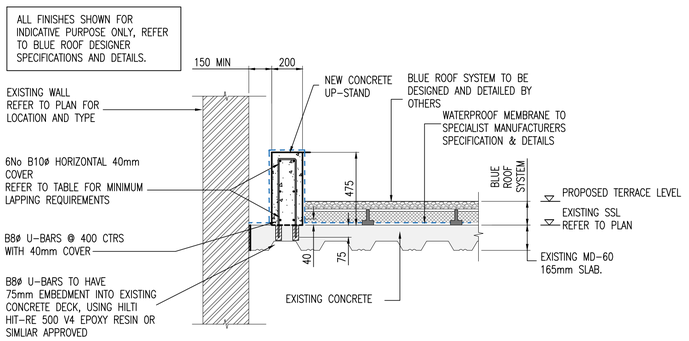
ALL FINISHES SHOWN FOR INDICATIVE PURPOSE ONLY, REFER TO BLUE ROOF DESIGNER SPECIFICATIONS AND DETAILS.



SECTION A-A – TYPICAL RC UPSTAND DETAIL (MD-50 EXISTING DECK)

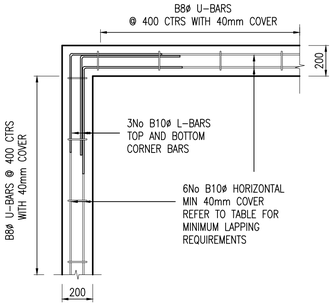
(SCALE 1:20)

ALL FINISHES SHOWN FOR INDICATIVE PURPOSE ONLY, REFER TO BLUE ROOF DESIGNER SPECIFICATIONS AND DETAILS.



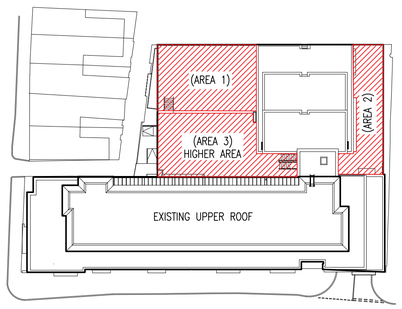
SECTION B-B – TYPICAL RC UPSTAND DETAIL (MD-60 EXISTING DECK)

(SCALE 1:20)



TYPICAL RC UPSTAND CORNER DETAIL

(SCALE 1:20)



ROOF PLAN

(INDICATING AREAS OF WORKS)
SCALE NTS

ALTERATION WORK

THE MAIN CONTRACTOR (MC) IS TO BE SOLELY RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ALL TEMPORARY WORKS AND PROPPING.

THE MC SHALL, PRIOR TO PLACING ORDERS, CHECK ALL EXISTING WALL THICKNESS ON SITE PRIOR TO PUTTING EACH SECTION OF WORK IN HAND. THE MC SHALL NOTIFY THE ENGINEER OF ANY VARIATIONS FROM THE WALL THICKNESS INDICATED ON THE DRAWINGS. THE MC SHALL ALSO INFORM THE ENGINEER OF ANY VARIATIONS IN THE EXISTING CONSTRUCTION FROM THAT INDICATED ON THE DRAWINGS.

THE MC SHALL DISCUSS AND CONSULT WITH THE STEELWORK SUPPLIER THE PROPOSED METHOD OF ERECTION AND SUBMIT DETAILS IN WRITING TO THE ENGINEER PRIOR TO PUTTING EACH SECTION OF WORK IN HAND.

ALL DIMENSIONS FOR FABRICATION OF STRUCTURAL STEEL ARE TO BE TAKEN ON SITE BY THE STEELWORK SUPPLIER AND AGREED WITH THE MC.

ALL NEW LOAD BEARING BRICKWORK IS TO BE CONSTRUCTED USING CLASS B ENGINEERING BRICKS LAID IN A 1:1:6 CEMENT LIME MORTAR, UNLESS OTHERWISE STATED.

ALL NEW BRICKWORK TO BE FULLY BONDED UNLESS OTHERWISE STATED.

ALL NEW BRICKWORK IS TO BE TOOTHED OR BLOCK BONDED INTO EXISTING ADJACENT BRICKWORK/BLOCKWORK. ALTERNATIVELY A PROPRIETARY WALL STARTER SYSTEM MAY BE USED AS AGREED WITH THE ENGINEER.

ALL EXISTING BRICKWORK DISTURBED DURING ALTERATION WORK IS TO BE MADE GOOD. GAPS BETWEEN EXISTING BRICKWORK AND TOP OF NEW BEAMS TO BE RAKED OUT AND SOLIDLY FILLED WITH GROUT.

GENERAL NOTES

DO NOT SCALE OFF THIS DRAWING

THIS DRAWING TO READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR / FABRICATOR PRIOR TO COMMENCEMENT OF WORKS.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

ALL WORKS TO BE CARRIED OUT IN STRICT ACCORDANCE WITH THE ENGINEER'S SPECIFICATIONS, RELEVANT BRITISH STANDARDS, STATUTORY HEALTH AND SAFETY/C.D.M. REGULATIONS, RELEVANT CODES OF PRACTICE AND THE CURRENT EDITION OF THE BUILDING REGULATIONS.

FOR FINAL SETTING OUT INFORMATION RELATING TO GRID LINES AND WALL POSITIONS REFER TO THE ARCHITECT'S DRAWINGS.

REINFORCED CONCRETE (C25/30)

DESIGN SULFATE CLASS: DS-1
ACEC CLASSIFICATION: AC-01
DESIGN CHEMICAL CLASS: DC-1

REINFORCED CONCRETE TO BE GRADE C25/30
MINIMUM CEMENT CONTENT 260 kg/m³
WATER/CEMENT RATIO OF 0.65
MAXIMUM AGGREGATE SIZE 20mm.

MINIMUM CONCRETE COVER TO BE 40mm TOP, 40mm BTM AND SIDES UNLESS NOTED OTHERWISE. ALL REINFORCEMENT TO BE GRADE B500B OR B500C TO COMPLY WITH BS4449 AND TO BE CUT AND BENT TO BS8666.

CONTRACTOR TO USE APPROVED SPACER BLOCKS & REBAR SAFETY CAPS. CONTRACTOR MUST ENSURE ANY PROTRUDING BARS ARE TO HAVE SAFETY CAPS FITTED TO ENDS PRIOR TO NEXT LIFT/POUR/CONNECTION.

REINFORCEMENT MINIMUM LAPS FOR C25/30
BOTTOM LAYER (GOOD BOND CONDITIONS):

B8	: 330mm	B10	: 440mm
B12	: 570mm	B16	: 830mm
B20	: 1090mm	B25	: 1420mm
B32	: 1810mm	B40	: 2460mm

ALL LAPS AND INTERSECTIONS OF BARS SHALL BE SECURELY CONNECTED WITH MALLEABLE IRON WIRE OF A SUITABLE SIZE OR OTHER APPROVED METHOD OF FIXING.

ALL REINFORCEMENT SHALL BE ACCURATELY PLACED, SECURED AND MAINTAINED IN POSITION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY STOOLS, CHAIRS AND SPACERS REQUIRED TO SUPPORT AND RESTRAIN REINFORCEMENT.

MESH REINFORCEMENT TO HAVE A MINIMUM LAP OF 460mm UNLESS NOTED OTHERWISE.

ALL CONCRETE TO BE ADEQUATELY VIBRO COMPACTED (ON PLACING) TO ENSURE THAT ALL VOIDS ARE REMOVED.

ALL WORKS ARE TO CARRIED OUT IN ACCORDANCE WITH ALL THE RELEVANT BRITISH STANDARD CODES OF PRACTICE.

Rev	Description	Date	By	Chkd
P01	ISSUED FOR COMMENT	19.04.23	MA	CB

Drawing Status
PRELIMINARY

Sutcliffe
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Geotechnical & Environmental Investigations
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Client
EAMAR DEVELOPMENTS UK

Project
SAN COURT
WILMSLOW ROAD
MANCHESTER

Drawing Title
PROPOSED BLUE ROOF AREAS & SECTION DETAILS

Date	Drawn By	Checked By
APRIL 2024	M.ARMES	CB

Scale at A1	Project Number	Status	Revision
AS SHOWN	33196	S0	P01

Sheet Number
33196-SUT-ZZ-XX-DR-S-300-0001