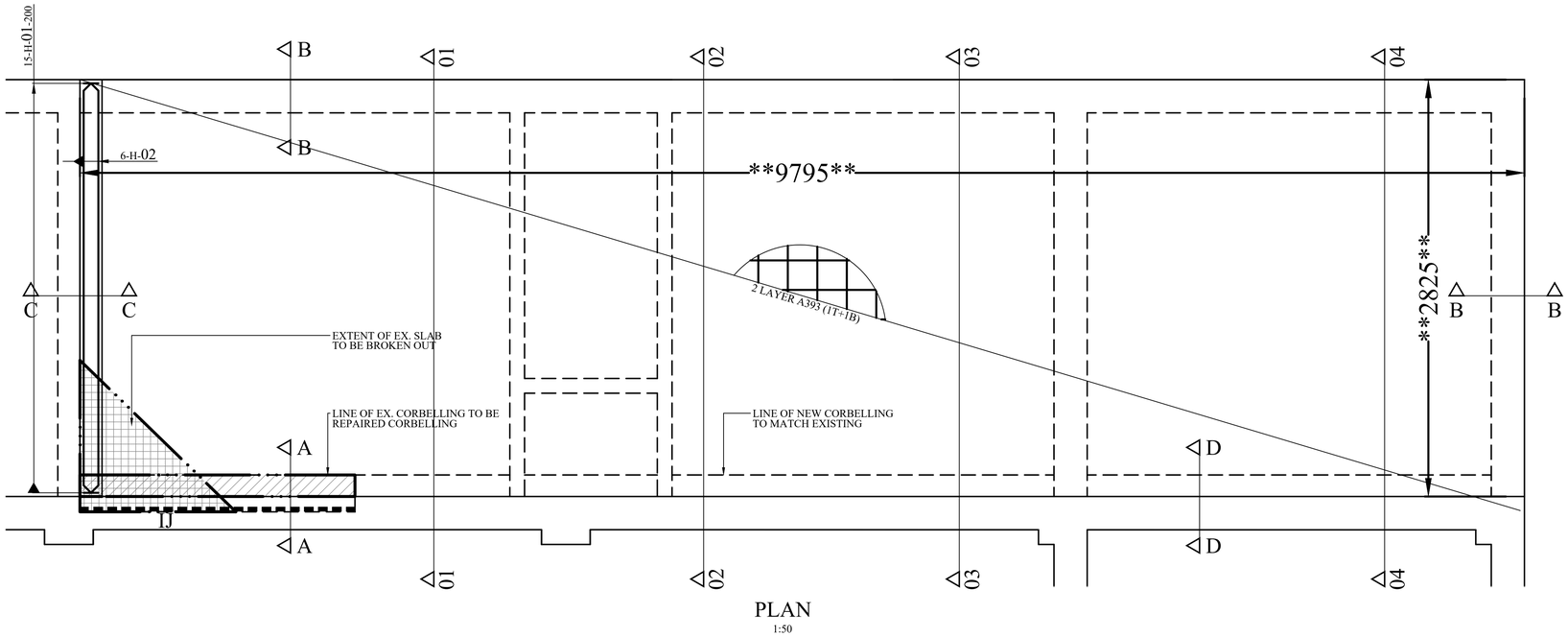
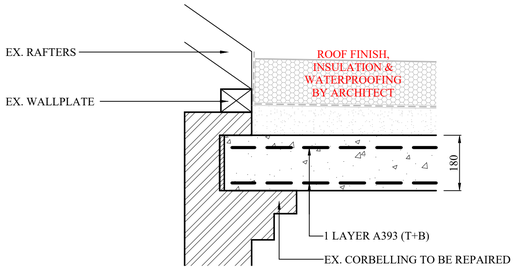
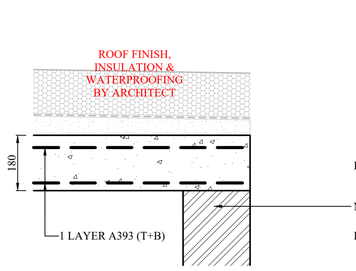


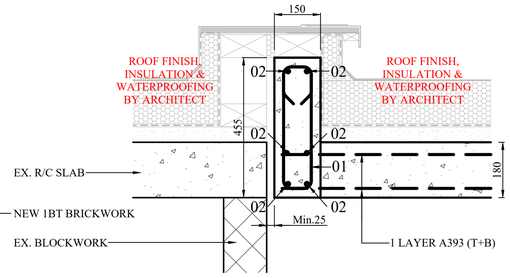
PLAN
1:50



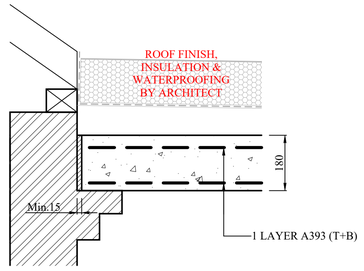
DETAIL A
TYP. SUPPORT AT EXISTING MASONRY
1:10



DETAIL B
TYP. SUPPORT AT NEW MASONRY
1:10

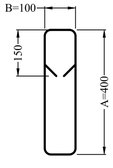


DETAIL C
TYP. MOVEMENT JOINT AT EXISTING MASONRY
1:10



DETAIL D
TYP. MOVEMENT JOINT AT NEW MASONRY
1:10

TYP. BAR BENDING SHAPE DIAGARMS
(FROM BS8666 : 2005 - STEEL REINFORCEMENT FOR CONCRETE



SHAPE CODE 63
(2A +3B +2(C) -3r -6d)
1:10

BAR BENDING SCHEDULE

MEMBER	BAR MARK	TYPE	SIZE	MIN. SCHEDULED RADIUS	No. OF MEMBERS	NO OF BARS IN EACH	TOTAL No.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	NOTES
1	01	H	10	20	1	15	15	1300	63	400	100	150	150		
2	02	H	10	20	1	6	6	2775	00	2775					

NOTES:

BAR BENDING SCHEDULE TO BE IN ACCORDANCE WITH BS 8666:2005

CONCRETE COVER TO ALL REINFORCEMENT 50mm ALL FACES

BAR REFERENCES SHALL BE INTERPRETED THUS:
85 H 12-**01**-225 (T)
- 85 — NUMBER OF BARS
- H — TYPE OF STEEL
- 12 — BAR DIAMETER
- 01 — BAR MARK
- 225 — SPACING
- (T) — LOCATION (SEE BELOW)

LOCATIONS:
T DENOTES TOP FACE
B DENOTES BOTTOM FACE
NF DENOTES NEAR FACE
FF DENOTES FAR FACE

MIN. REINFORCEMENT LAP 38 X Ø UNO

ALL SPACERS TO BE FIBRE CEMENT SPACERS TO COMPLY WITH BS7973, EN206 & DIN1045. SPACER SELECTION RELATED TO EXPOSURE CLASS IN ACCORDANCE WITH EN 1992-1-1:2011-01 (EUROCODE 2). MAX FRANK OR EQUAL APPROVED, INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

ALL REINFORCEMENT TO COMPLY WITH BS 4449. HIGH YIELD REINFORCEMENT TYPE 2 DEFORMED BARS WITH A CHARACTERISTIC STRENGTH OF 500 N/MM²

DO NOT SCALE FROM THIS DRAWING.

ALL LEVELS IN METRES & ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE ON THE DRAWING.

ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO UNDERTAKING ANY WORKS, ORDERING MATERIALS OR FABRICATING ANY COMPONENTS.

ALL CONCRETE BLINDING TO BE C16/20 (GEN 3, MIN 175kg/m³), Min. 50 THK.

ALL REINFORCED CONCRETE FOUNDATIONS TO BE RC30

ALL FABRIC REINFORCEMENT TO BE ELECTRICALLY WELDED FABRIC TO BS4483:2005. Min. CHAR. YIELD STRENGTH OF 500MPa. DUCTILITY CLASS B.

COVER TO REINFORCEMENT TO BE Min 40 U.N.O.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEER'S DRAWINGS AND RELEVANT SPECIFICATION CLAUSES.

ALL TEMPORARY WORKS TO BE DESIGNED & DETAILED BY THE CONTRACTOR. SHORING / PROPPING ARRANGEMENTS TO BE ADEQUATE TO SUPPORT ALL APPLIED LOADS & CONSIDERATION GIVEN TO THE ADJACENT STRUCTURE IN THE TEMPORARY CONDITION.

KEY

0.00 — DENOTES DIMENSIONS TO BE CHECKED ON SITE

NOT FOR CONSTRUCTION

SUITABILITY	REV	DATE	DESCRIPTION	Org.	Ckd	Appd	Auth.
S2	P01	10.10.24	FIRST ISSUE				

PROJECT TITLE:
THE MINER'S RESCUE STATION

DRAWING TITLE:
TYP. REINFORCED CONCRETE ROOF
GENERAL ARRANGEMENT

DRAWING REF:
5078-BRP-XX-XX-DR-C-0021

ORIGINATOR:	DATE:	SCALE @ A1:	SUITABILITY:	REVISION:
D.P.	10.10.24	1:5	S2	P01

Bingham Rawlings Partnership Limited
Consulting Civil & Structural Engineers
Jones Suite
2 Grosvenor Road,
Wrexham, LL11 1BU
Telephone:(01978) 353522
e-mail : consult@brp2000.co.uk

BRP BINGHAM RAWLINGS PARTNERSHIP

© CADARN CONSULTING ENGINEERS LTD 2024