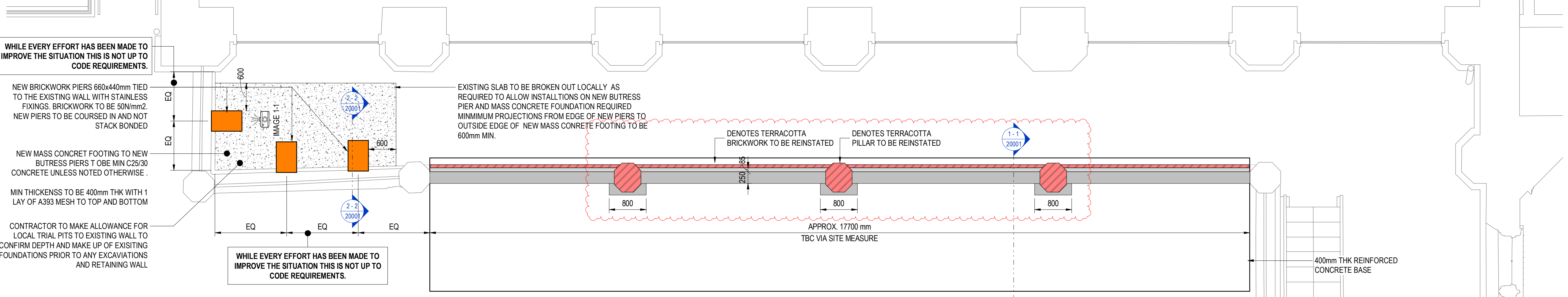


MAIN CONTRACTOR SHOULD MAKE ALLOWANCE FOR TEMPORARY PROPPING TO EXISTING MASONRY WALLS TO BE RETAINED TO SUIT REMOVAL OF SLAB AND INSTALLATION OF NEW MASS CONCRETE FOUNDATION

MAIN CONTRACTOR SHOULD MAKE ALLOWANCE FOR TEMPORARY WORKS TO ALLOW EXCAVATIONS AND SAFE CONSTRUCTION OF NEW RC RETAINING WALL.



WHILE EVERY EFFORT HAS BEEN MADE TO IMPROVE THE SITUATION THIS IS NOT UP TO CODE REQUIREMENTS.

NEW BRICKWORK PIERS 660x440mm TIED TO THE EXISTING WALL WITH STAINLESS FIXINGS. BRICKWORK TO BE 50N/mm². NEW PIERS TO BE COURSED IN AND NOT STACK BONDED

NEW MASS CONCRET FOOTING TO NEW BUTRESS PIERS T OBE MIN C25/30 CONCRETE UNLESS NOTED OTHERWISE.

MIN THICKENSS TO BE 400mm THK WITH 1 LAY OF A393 MESH TO TOP AND BOTTOM

CONTRACTOR TO MAKE ALLOWANCE FOR LOCAL TRIAL PITS TO EXISTING WALL TO CONFIRM DEPTH AND MAKE UP OF EXISTING FOUNDATIONS PRIOR TO ANY EXCAVATIONS AND RETAINING WALL

WHILE EVERY EFFORT HAS BEEN MADE TO IMPROVE THE SITUATION THIS IS NOT UP TO CODE REQUIREMENTS.

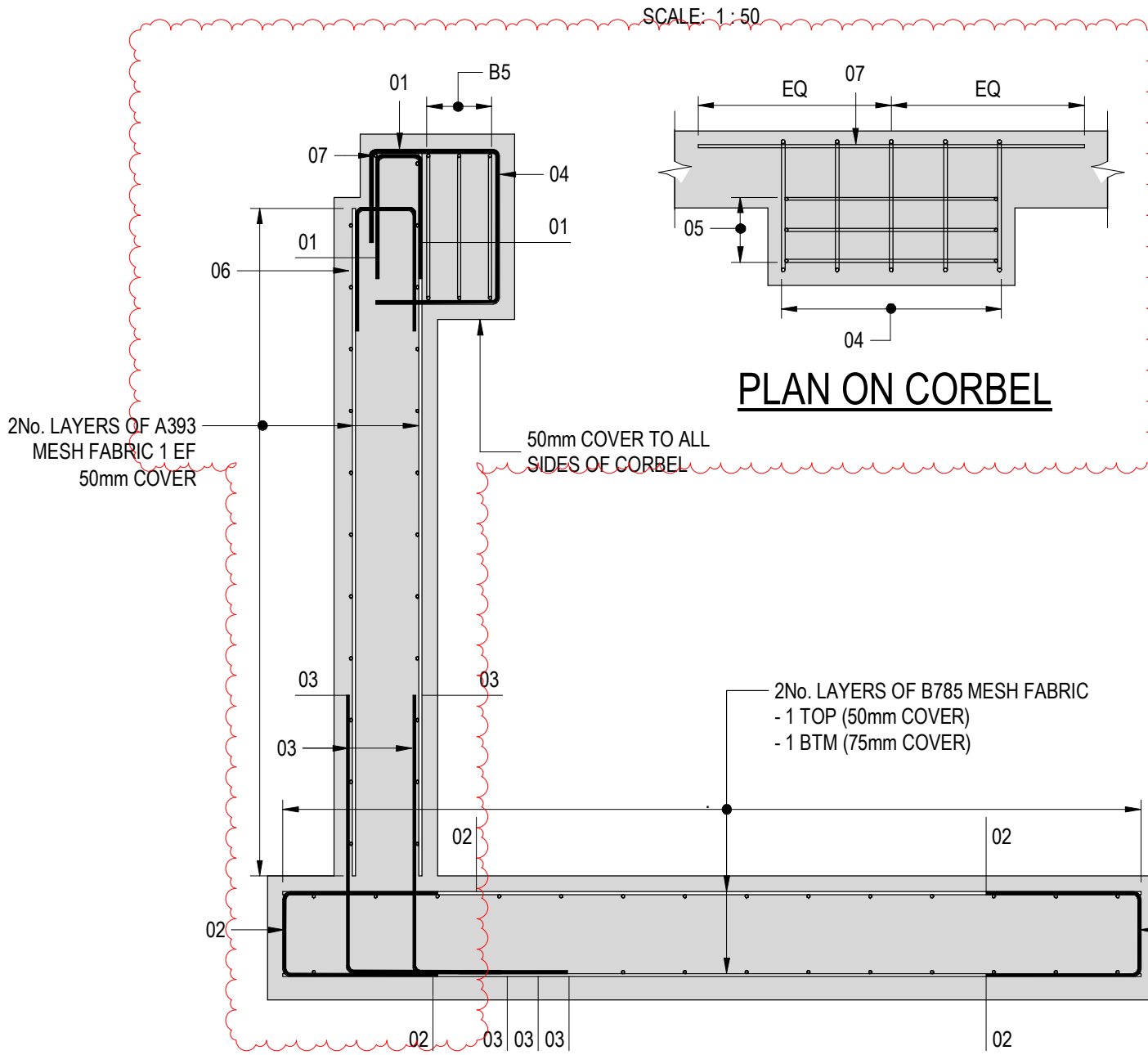
EXISTING SLAB TO BE BROKEN OUT LOCALLY AS REQUIRED TO ALLOW INSTALLATIONS ON NEW BUTRESS PIER AND MASS CONCRETE FOUNDATION REQUIRED MINIMUM PROJECTIONS FROM EDGE OF NEW PIERS TO OUTSIDE EDGE OF NEW MASS CONCRETE FOOTING TO BE 600mm MIN.

EXISTING BASEMENT PLAN

SCALE: 1 : 50

BASEMENT PLAN

SCALE: 1 : 50



NOTE: ALL DIMENSIONS BETWEEN EXISTING RETAINED ELEMENTS AND EXTENT OF NEW RETAINING WALL TO BE CONFIRMED VIA SITE MEASURE.

PLAN ON CORBEL

50mm COVER TO ALL SIDES OF CORBEL

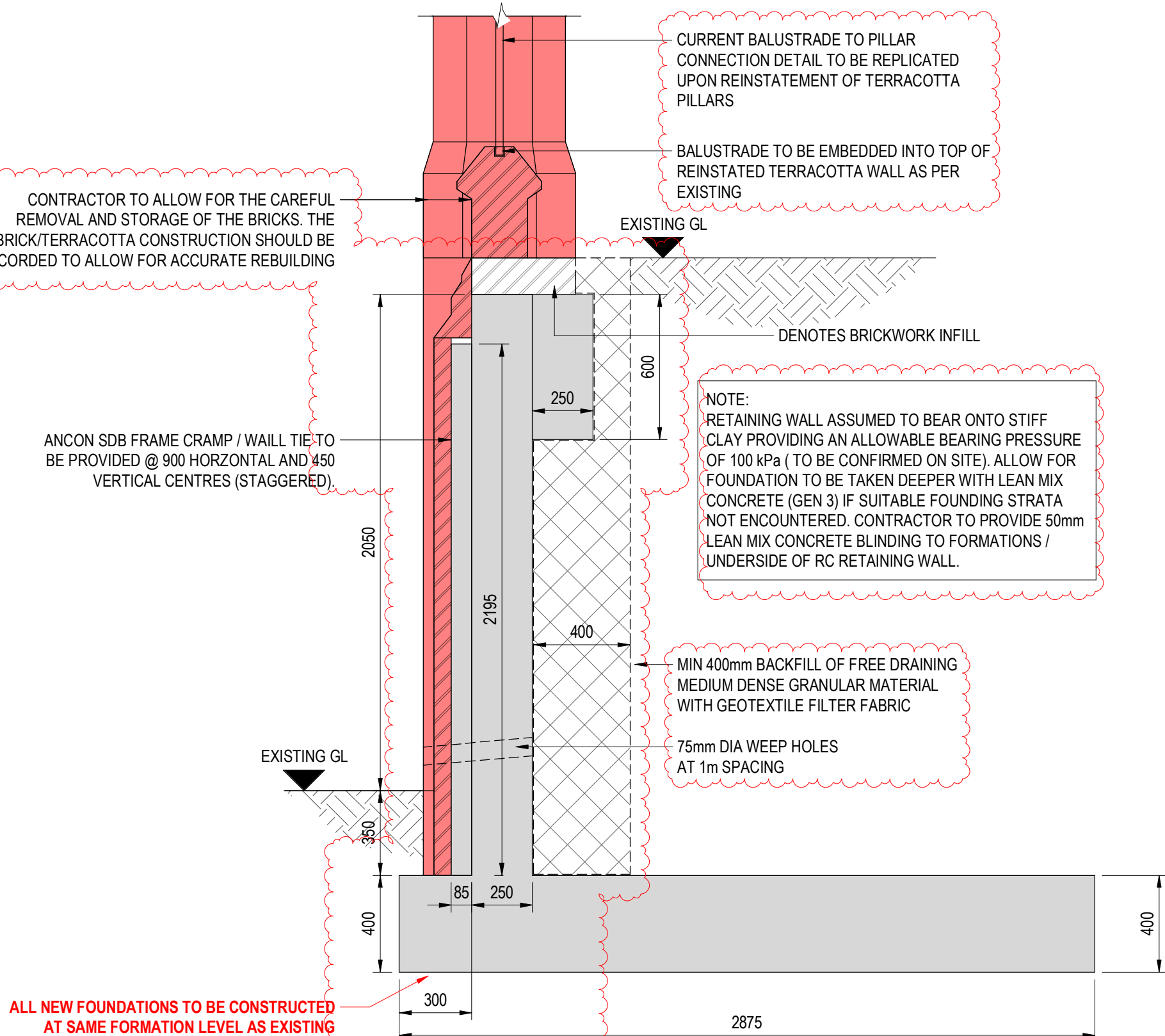
2No. LAYERS OF A393 MESH FABRIC 1 EF 50mm COVER

2No. LAYERS OF B785 MESH FABRIC - 1 TOP (50mm COVER) - 1 BTM (75mm COVER)

MEMBER	BAR MARK	TYPE AND SIZE	NO. OF MBRS	NO. OF BARS IN EACH	TOTAL NO.	LENGTH OF EACH BAR (mm)	SHAPE CODE	A* (mm)	B* (mm)	C* (mm)	D* (mm)	REV
01	B10	1	93	93	93	900	21	400	140	400		
02	B10	1	372	372	372	1225	21	500	265	500		
03	B10	1	185	185	185	1400	11	500	900			
04	B12	1	5	15	1550	31	300	400	400	500	400	
05	B10	1	3	9	2525	51	700	475	130	130		
06	B10	1	93	93	975	51	400	195	400			
07	B10	1	1	1	3	1250	00	1250				

REINFORCEMENT ARRANGEMENT

SCALE: 1 : 20



SECTION 1-1

SCALE: 1 : 20

ALL NEW FOUNDATIONS TO BE CONSTRUCTED AT SAME FORMATION LEVEL AS EXISTING FOUNDATIONS TO ENSURE ADJACENT FOUNDATIONS ARE NOT UNDERMINED

TO ARCHITECTS DETAILS TO SUIT CLIENTS APPROVAL - WHERE POSSIBLE EXISTING BRICK WORK / COPING STONE REMOVED / DEMOLISHED AND RETAINED FOR RE-USE WHERE / IF POSSIBLE.

NEW BRICKWORK PIERS 660x440mm TIED TO THE EXISTING WALL WITH STAINLESS STEEL FIXINGS. BRICKWORK TO BE 50N/mm². NEW PIERS TO BE COURSED IN AND NOT STACK BONDED CLASS iii MORTAR DESIGNATION TO MASONRY PIER AND FACING BRICKWORK TO RETAINING WALL TO BE CEMENT / SAND 1:3 BELOW GROUND AND CEMENT LIME MORTAR 1:1:6 ABOVE GROUND UNO.

NEW MASS CONCRET FOOTING TO NEW BUTRESS PIERS TO BE MIN C25/30 CONCRETE UNLESS NOTED OTHERWISE . MIN THICKENSS TO BE 400mm THK WITH 1 LAY OF A393 MESH TO TOP AND BOTTOM

ALL NEW FOUNDATIONS TO BE CONSTRUCTED AT SAME FORMATION LEVEL AS EXISTING FOUNDATIONS TO ENSURE ADJACENT FOUNDATIONS ARE NOT UNDERMINED

SECTION 2-2

SCALE: 1 : 20

GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- FOR GENERAL NOTES REFER TO DRAWING.
- RETAINING WALL CONCRETE TO BE RC40. REFER TO CONCRETE SPECIFICATION FOR DETAILS.

KEY:

- INDICATES EXTENT OF NEW 250x85mm THK RC40 CONCRETE RETAINING WALL & CORBELS
- INDICATES EXTENT OF WALL TO BE DEMOLISHED



IMAGE 1-1

P05	CORBEL ADDED TO RETAINING WALL	22.02.24	SW	DP
P04	BBS UPDATED - BAR MARK 2 - AS CLOUDED	20.11.23	RP	DC
P03	REINFORCEMENT ARRANGEMENT & NOTES ADDED	08.11.23	RP	DC
P02	ADDITIONAL NOTES AND UPDATES AS CLOUDED	24.10.23	RP	DC
P01	PRELIMINARY ISSUE	22.09.23	RP	DC

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Status:

TENDER / PLANNING

Project:

Whitworth Gallery Survey

Orig Title:

PROPOSED RETAINING WALL

Size:

Date: SEP '23

Drawn By: RP

Designed By:

Checked By: DC

Scale: As indicated

Project No: 078255 - CUR - XX - XX - D - S - 20001 - P05