

WHERE ANY DEMOLITION TO MASONRY ALLOW FOR TYPICAL STEEL LINTEL WITH BEARING EITHER SIDE OF MASONRY. CONSTRUCT VIA NEEDLE & PROP CONSTRUCTION TO BUILDERS TEMPORARY WORKS DETAILS. ADOPT 150 UC 37, 200mm MIN BEARING EACH END. MAX SPAN 2200mm

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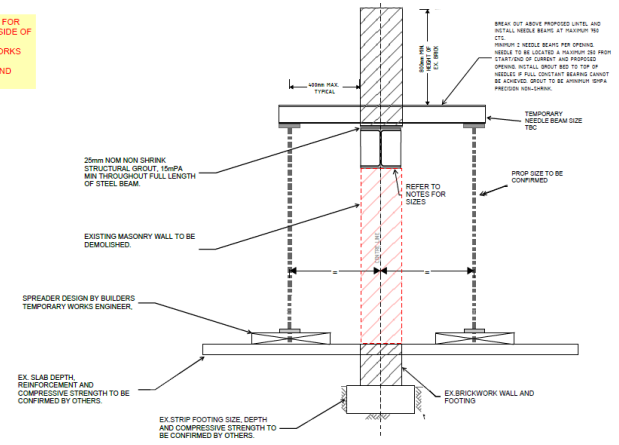
ALLOW FOR 310 UC137 OR 610 UB 113. NEEDLE AND PROP TO BUILDERS DETAILS. RAMPSACK NONSHRINK STRUCTURAL GROUT 40MPa UNDER EXISTING BRICKWORK TO TOP FLANGE OF TRANSFER BEAM.

1.6m x 1.6m x 0.6D PAD, N20-300 EW BOT, DRILL THROUGH EXISTING FOUNDATIONS. SCREBBLE ALL AROUND. Fc=32MPa MIN. ALLOW FOR UNDERPINNING UNDER EXISTING FOUNDATION IF DEPTH LESS THAN 600mm TO AVOID UNDERMINING OF EXISTING FOUNDATIONS. MASS CONCRETE - HIT MISS SEQUENCING 150MPa MIN.

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INSTALL STEEL COLUMN EITHER SIDE FIXED TO MASONRY PIER FOR SUPPORT OF LINTEL OVER. ADOPT 360 UB 51 + 10 THICK TOP FLANGE BEARING PLATE TO MATCH BRICK OVER WIDTH TRANSFER BEAM SUPPORTED ON 150 x 6 SHS COLUMNS. BUILD 1.6m x 1.6m x 0.6D PAD, DRILL THROUGH AND INSTALL N20-300 EW BOTTOM, Fc=32MPa MIN. ALLOW FOR UNDERPINNING UNDER EXISTING FOUNDATION IF DEPTH LESS THAN 600mm TO AVOID UNDERMINING OF EXISTING FOUNDATIONS. MASS CONCRETE - HIT MISS SEQUENCING 150MPa MIN.

PROPOSED DEMOLITION
Existing Ground Plan
1:100



TYPICAL PROP & NEEDLE DETAIL FOR EXISTING MASONRY WALLS

- NOTES:
- MASONRY HEIGHT ABOVE NEEDLING ASSUMED TO BE ADEQUATE FOR ARCHING (TBC)
 - ASSUMED MINIMUM 50kPa ALLOWABLE BEARING CAPACITY FOR THE EX. SLAB ON GROUND
 - ASSUMED MINIMUM 150kPa ALLOWABLE BEARING CAPACITY FOR EX. STRIP FOOTINGS.

NOT FOR CONSTRUCTION
FOR CONCEPT COSTING ONLY

CONCEPT DRAWINGS 25.03.24

Date:	25.03.24	Project No:	MB223317
Project:	DM - FITOUT - PRAHAN		
Title:	MB223317 - CONCEPT DRAWINGS		
Drawing No:	SK.01	Revision:	1
Drawn:	C. BARNETT	Scale:	-

NORTHROP

Development Application

NOT For Construction

Rev	Description	Date
1	Issue PCD DA	24.03.20
2	Issue PCD DA	24.03.20



JOB NO.	23201
DATE	February 2024
SCALE	A1 @ 1:100
DWG NO.	DA.030 B