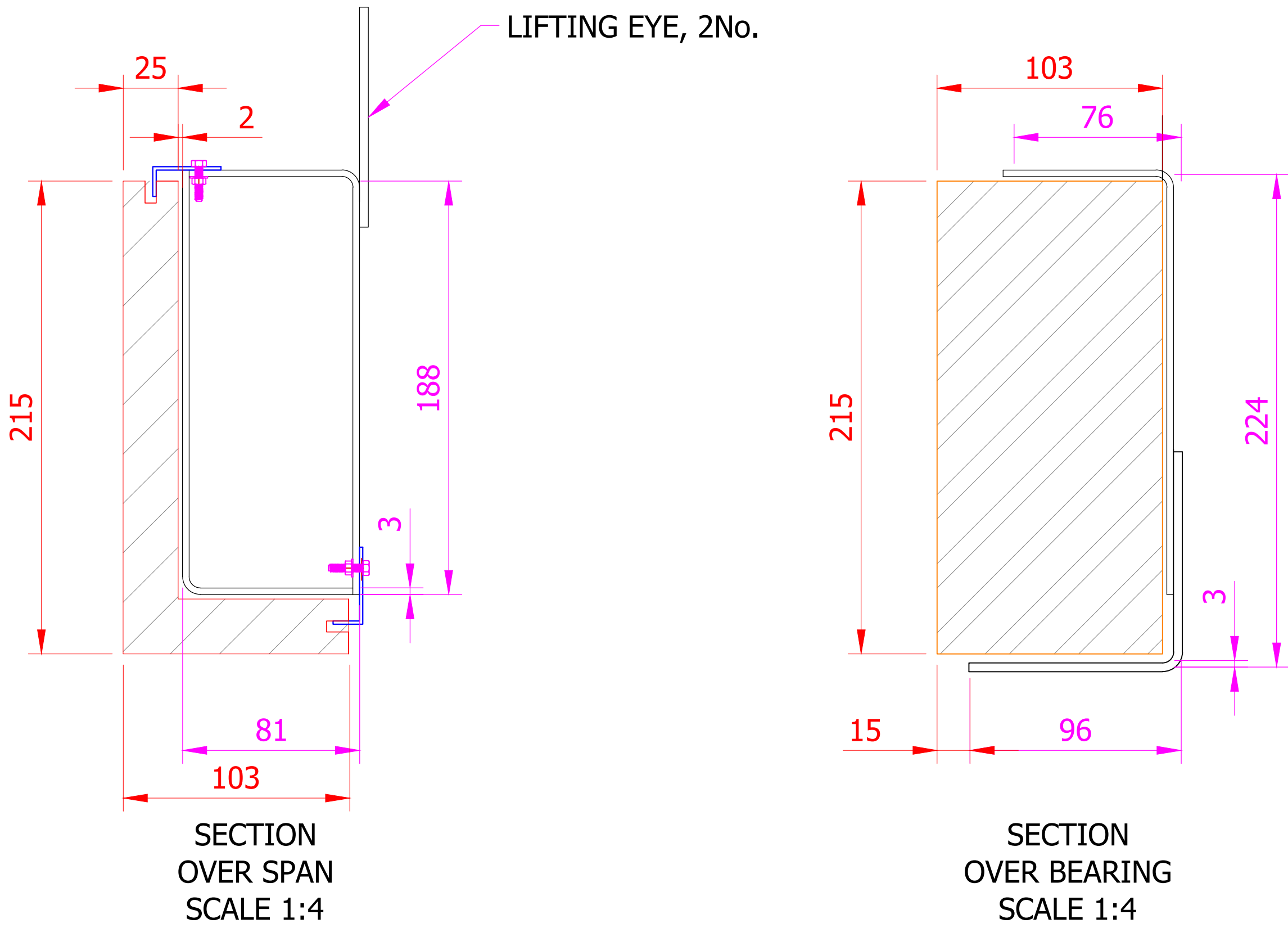
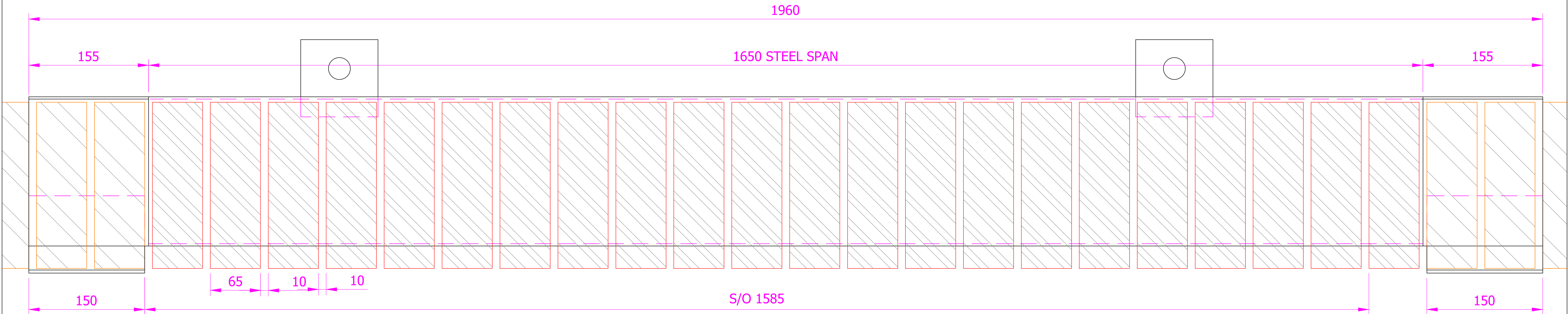


Lintel B215/3 L=1960mm - Scale 1:5

Qty: 79 No.

S/O 1585mm

BRICK TYPE: WREKIN DARK RED (25mm)



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- NOTES
- DO NOT SCALE FROM THIS DRAWING
 - WALL TIES SHOULD BE INSTALLED WITHIN 300MM OF THE LINTEL AT A MAXIMUM OF 450MM CENTRES TO ENSURE THAT THE MASONRY CARRIED BY THE LINTEL IS RESTRAINED AND ANY POTENTIAL OVERTURNING AND DEFLECTION IS MINIMISED.
 - THE LINTEL SHOULD BE PROPPED DURING CONSTRUCTION TO ACHIEVE THE SAFE WORKING LOAD CAPACITIES.
 - A SEPARATE DPC IS REQUIRED ABOVE THE LINTEL.
 - PRO-STEEL STRETCHER BOND LINTELS ARE TYPICALLY SUPPLIED WITH A 'SHUFFLE BRICK' ARRANGEMENT TO ALLOW THE LINTEL TO BE COURSED INTO THE FACING BRICKWORK REGARDLESS OF THE WHETHER THE OPENING STARTS ON A HALF OR FULL BRICK. STRUCTURAL OPENINGS ARE MOST TYPICALLY SET AT DIVISIONS OF FULL OR HALF BRICK DIMENSIONS.
 - BRICK DIMENSIONS: BRICK SIZES AND CUT BRICK DIMENSIONS ISSUED ON UNIT DRAWINGS ARE APPROXIMATE DIMENSIONS FOR ILLUSTRATION PURPOSES ONLY AND SUBJECT TO VARIATION DEPENDING ON THE BRICK TYPE, SHAPE AND TOLERANCE.
 - RESPONSIBILITY FOR THE QUALITY OF THE BRICKS PROVIDED FOR FABRICATION REMAINS WITH OTHERS
 - OVERALL BRICK SLIP DIMENSIONS AND INDIVIDUAL STEEL COMPONENTS ARE APPROXIMATE OVERALL DIMENSIONS WITH BRICKS POSITIONED WITH JOINTS EQUALLY SPACED WITHIN TOLERANCES OF NORMAL BRICKWORK CONSTRUCTION.
 - OVERALL STEEL DIMENSIONS ISSUED ARE APPROXIMATE AND SUBJECT O TOLERANCE BASED ON STEEL OVERALL SIZE.
 - ALL ORDERS ARE SUBJECT TO OUR TERMS AND CONDITIONS OF SUPPLY ONLY A COPY OF WHICH IS AVAILABLE ON REQUEST.
 - ALL GOODS ARE MANUFACTURED IN ACCORDANCE WITH OUR CERTIFIED MANUFACTURING PROCEDURES ONLY.
 - ONLY FIXINGS SUPPLIED BY US ARE TO BE USED FOR THE INSTALLATION OF OUR PRODUCTS AND FAILURE TO COMPLY WILL INVALIDATE THE WARRANTY PROVIDED.



Tolerances

- Radius ± 3 mm
- To 1500mm span +3 -0
- To 3000mm span +5 -0
- Over 3000mm span +8 -0

B215/3

Lintel section properties

Ixx	744.7 cm4
Zxx	77.2 cm3
Weight	12.7 kg/m
Area	15.9 cm
Ryy	3.5 cm

Lintel load Capacity Table

Opening Span	Lintel Length	Safe Load kN	Load Example
600	900	180.1	
900	1200	120.0	
1200	1500	90.0	
1500	1800	72.0	
1800	2100	60.0	
2100	2400	51.4	
2400	2700	44.6	
2700	3000	39.2	
3000	3300	32.5	Full height
3300	3600	26.8	maosnry
3600	3900	22.6	1500 mm
3900	4200	19.2	masonry
4200	4500	16.6	
4500	4800	14.4	
4800	5100	12.7	
5100	5400	11.2	
5400	5700	10.0	
5700	6000	9.0	



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insight creating advantage

B	04.05.2021	UPDATED TO COMMENTS
A	22.04.2021	UPDATED TO COMMENTS
REV	REV DATE	PURPOSE OF REVISION



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Client
LBT Brick & Facades Ltd

Project
Deluna Apartments/ Oldham Rd

Drawing Title
Pro-Steel Lintel Details
(mechanically restrained)

Status
FOR APPROVAL

Scale
As Noted at A3
DO NOT SCALE

Date
15.04.2021

Dwg NO 11303.10001470C_01
Rev B

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing.