

SCAFFOLD ERECTION NOTES

EDGE PROTECTION
 ENSURE THAT DOUBLE GUARDRAILS AND TOE BOARDS ARE FIXED TO ALL WORKING PLATFORMS AND SINGLE GUARDRAIL ON ALL INTERMEDIATE PLATFORMS. SCAFFOLD ERECTION IN ACCORDANCE WITH THE LATEST CURRENT SG 4.

STANDARDS
 MAXIMUM LIFT HEIGHT 2550mm.

TRANSOMS
 TRANSOM CENTRES OF 1000mm MUST NOT BE EXCEEDED WITH ADDITIONAL TRANSOMS AT BOARD JOINTS. BOARDS SHORTER THAN 1200mm TO HAVE A MINIMUM OF 3 TRANSOM.

LEDGERS
 MAXIMUM LEDGER SPAN 2100mm.

PUNCHEONS
 PUNCHEONS INDICATED ONLY. FIX TO BOTH CHORDS OF BEAMS USING LOAD BEARING COUPLERS.

BOARDS
 USE 38mm SCAFFOLD BOARDS. SHORT BOARDS (LESS THAN 2400mm) TO BE FIXED DOWN USING BOARD CLAMPS. BOARD OVERHANG TO BE BETWEEN 50mm AND 150mm MAX.

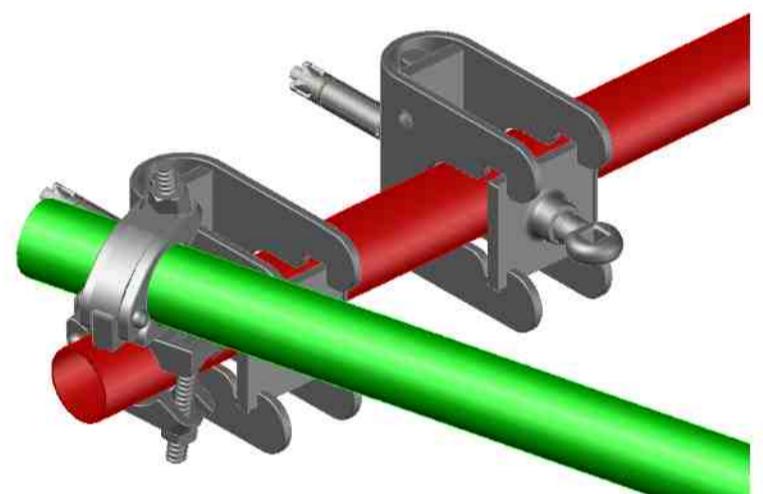
DOUBLE BOARDS
 USE DOUBLE 38mm SCAFFOLD BOARDS WITH MEMBRANE BETWEEN. SHORT BOARDS (LESS THAN 2400mm) TO BE FIXED DOWN USING BOARD CLAMPS. BOARD OVERHANG TO BE BETWEEN 50mm AND 150mm MAX.

BRACING
 BRACES FIXED TO BAYS INDICATED USING LOAD BEARING COUPLERS.

SPUR BRACING
 SPUR BRACE FIXED TO UNDER SLUNG TRANSOM USING LOAD BEARING COUPLERS. FIX SUPPLEMENTARY COUPLERS AS INDICATED.

DEBRIS NETTING
 SECURE DEBRIS NETTING TO INSIDE OF THE EXTERNAL PERIMETER OF SCAFFOLD USING CABLE TIES.

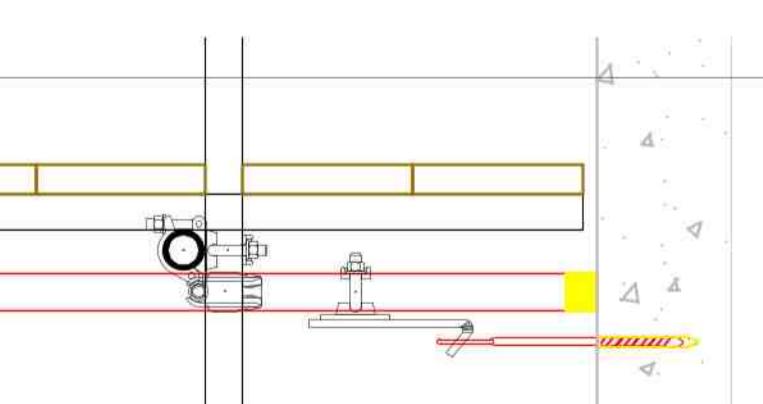
PROTECTIVE SLEEVING
 2.4m HIGH YELLOW FOAM TUBE PADDING TO COVER STANDARDS.

PLAN VIEW


USE 130mm X M12 APOLLO SCREW BOLT WITH BAND AND PLATE WITH 90mm EMBEDMENT

ALL HOLES TO BE MADE GOOD USING SUITABLE MORTAR FILL IN ACCORDANCE WITH TG 4. PROOF TEST 3 No. OR 5% OF TIES (WHICHEVER IS GREATER)

TIE PROOF TEST 4.44kN
TIE PRELIMINARY TEST 7.10kN

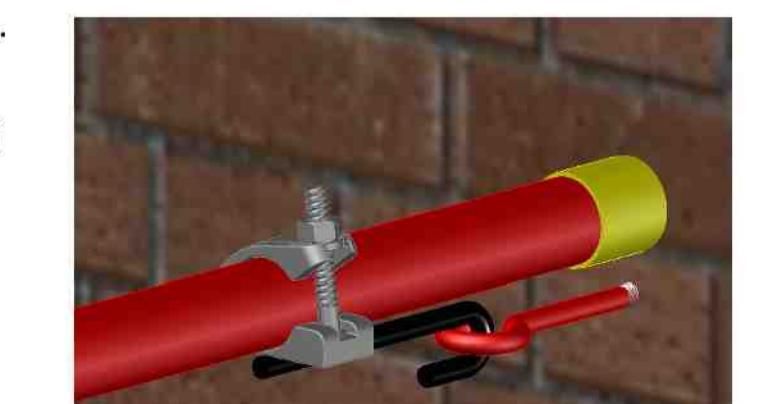
TIE DETAIL


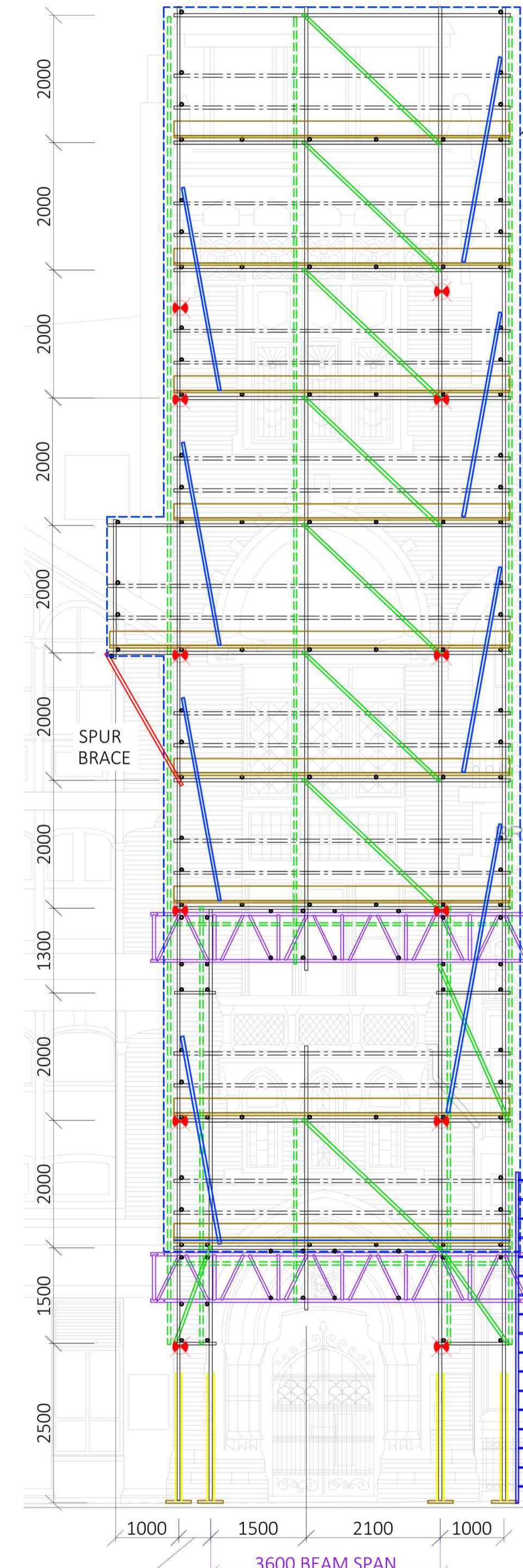
USE 100mm X M12 APOLLO EYE BOLT WITH TUBE FIRMLY BUTTED TO WALL. MINIMUM EMBEDMENT 90mm.

ALL HOLES TO BE MADE GOOD USING SUITABLE MORTAR FILL

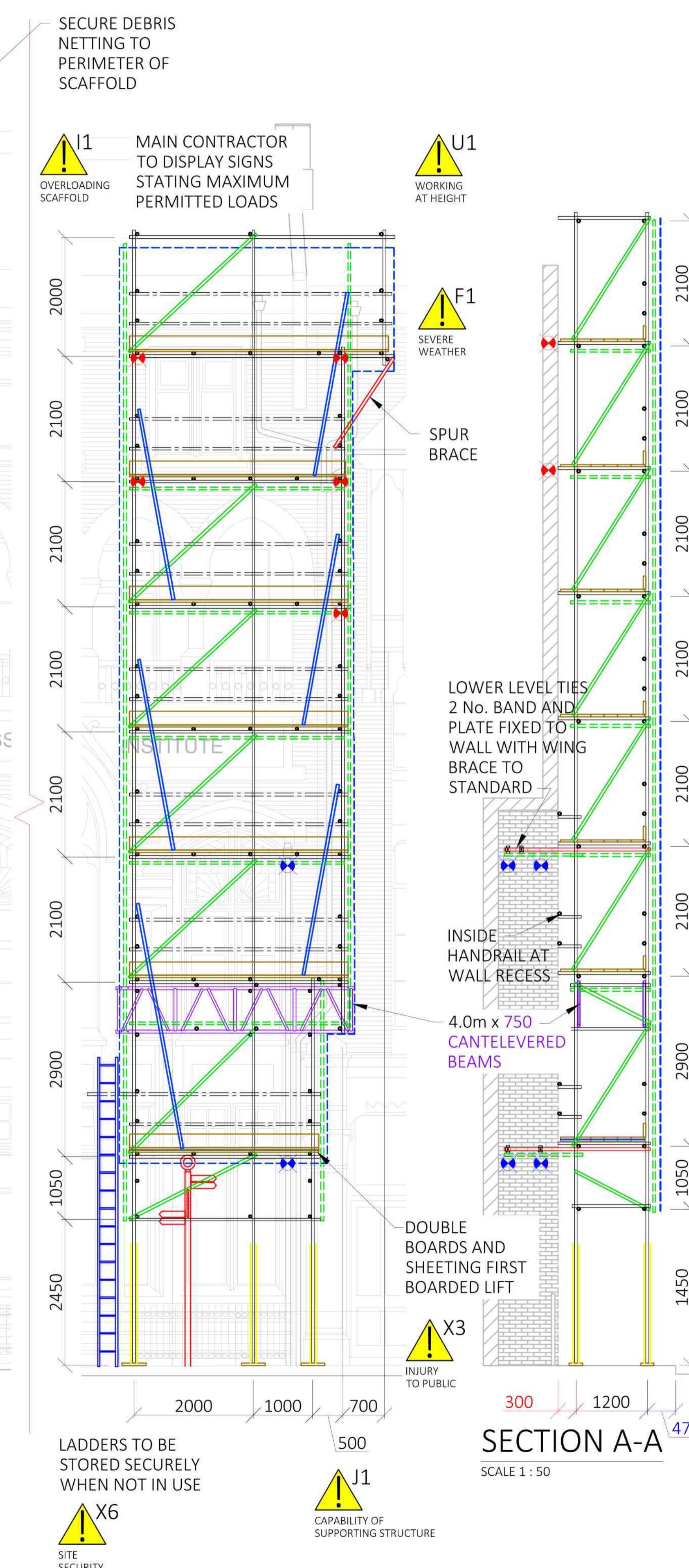
PROOF TEST 3 No. OR 5% OF TIES (WHICHEVER IS GREATER)

TIE PROOF TEST 4.02kN
TIE PRELIMINARY TEST 6.43kN

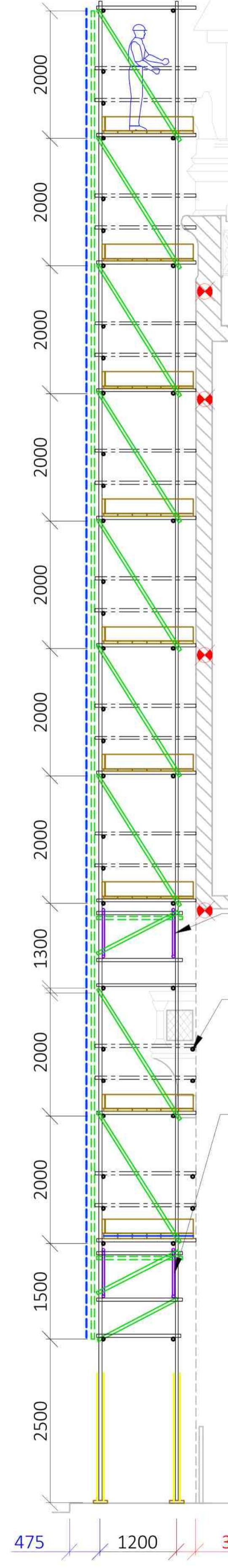
TIE DETAIL




FRONT ELEVATION SCALE 1 : 50



SECTION A-A SCALE 1 : 50



SIDE ELEVATION B-B SCALE 1 : 50

MAIN CONTRACTOR NOTES
MAXIMUM LIVE LOADS
 THE MAIN CONTRACTOR MUST ENSURE THAT ALLOWABLE LIVE LOADS STATED BELOW ARE SUFFICIENT AND NOT EXCEEDED.

LOAD CLASS 2 ACCESS SCAFFOLD
01.50kN/m² ON ACCESS PLATFORM (150kg/m²)
00.75kN/m² ON 1 No. ADDITIONAL PLATFORM
00.75kN/m² ON 1 No. INSIDE BOARDS

INTERFACE LOADS
 INTERFACE LOADS TO BE REVIEWED & APPROVED BY THE MAIN CONTRACTOR BEFORE THE SCAFFOLD IS ERECTED. PERMISSION FOR THE SCAFFOLD TO BE ERECTED IS AN ACCEPTANCE THAT IMPOSED LOADS CAN BE SUPPORTED BY EXISTING STRUCTURES.

18.10 kN MAXIMUM VERTICAL POINT LOAD
3.55kN HORIZONTAL TIE LOAD

ENVIRONMENTAL LOADS
 ENVIRONMENTAL LOADS FROM CALCULATIONS AND IN ACCORDANCE WITH BS EN 1991-1-4 AND BS EN 1991-1-3.

0.57 kN/m² PEAK WIND VELOCITY PRESSURE
0.26 kN/m² SNOW LOAD (OCT-MARCH)

FOR SAFETY REASONS, REMOVE ALL SNOW FROM WORKING PLATFORMS BEFORE USE.

N/A kN/m² AERODYNAMIC LOADS FROM PASSING TRAINS (100MPH)

WINTER 8 WEEKS PERIOD OF ERECTION

RESIDUAL RISKS - SITE SPECIFIC
 CDM 2015 DESIGNERS PRINCIPLES APPLIED

AVOID - EVALUATE - CONTROL
 RESIDUAL RISKS / HAZARDS THAT REMAIN ARE IDENTIFIED BELOW WITH A HAZARD SYMBOL AND REFERENCE. THESE RISKS ARE DETAILED WITHIN THE DESIGN RISK ASSESSMENT.

F1 **I1** **J1** **U1**
X3 **X6**

USE IN CONJUNCTION WITH
 DESIGN RISK ASSESSMENT: 2000-CPD-ZZ-RA-X-1105
 CALCULATIONS : 2000-CPD-ZZ-CA-X-1105

6.0m x 750 BRIDGING BEAMS
INSIDE HANDRAIL AT WALL RECESS

6.0m x 750 BRIDGING BEAMS
 A03 ISSUED FOR APPROVAL
 A02 ISSUED FOR APPROVAL
 A01 ISSUED FOR APPROVAL
 REV DESCRIPTION
 DRAWN BY D.PERRY
 CHECKED BY J.WALIA
 DATE 07.03.2024

6.0m x 750 BRIDGING BEAMS
 A03 ISSUED FOR APPROVAL
 A02 ISSUED FOR APPROVAL
 A01 ISSUED FOR APPROVAL
 REV DESCRIPTION
 DRAWN BY D.PERRY
 CHECKED BY J.WALIA
 DATE 07.03.2024

COLOSSUS Scaffolding
Clear Plan design

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FACADE ACCESS TOWERS
HASTINGS LIBRARY

CLAREMONT

2000-CPD-ZZ-DR-X-1106-A03

ISSUED FOR APPROVAL