

**KEY PLAN:**

- LADDERBEAMS
- UNIT BEAMS
- 450 ALUMINIUM BEAMS
- 750 ALUMINIUM BEAMS
- GROUND UPRIGHTS
- SUPPORTED PUNCHEONS

ALL TIES ARE TO BE INSTALLED USING LOAD BEARING COUPLERS AT ALL TIMES.

ALL COUPLERS TO BE TYPE EN74 CLASS A WITH MIN 6.1kN SLIP CAPACITY.

ALL TIES ARE TO BE INSTALLED USING LOAD BEARING COUPLERS AT ALL TIMES.

**TIE LOAD INFORMATION:**  
 MAX TENSILE TIE LOAD = 4.9kN  
 MIN PULL TEST TO BE NO LESS THAN 6.1kN

**DESIGN BASED RESIDUAL HAZARD !**

Design based hazards actively eliminated where possible in the design process. Where hazards cannot be eliminated, this symbol on the drawing with an attached note means:  
 1: Design based hazards exist within this proposal.  
 2: Action is required by the person supervising the work to manage the design hazards during construction.  
 In accordance with THE SCAFFOLD CONTRACTORS Procedures, THE PERSON SUPERVISING the construction MUST CONTACT the design office BEFORE WORK COMMENCES for CLARIFICATION of the identified hazards.

**PROPOSAL APPROVAL !**

**CUSTOMER TO:**  
 A- Approve layout prior to any erection.  
 B- Ensure structure is capable of withstanding all loads imposed from scaffold.

**ACCESS SCAFFOLD !**

**LOAD CONSIDERATIONS !**  
 IMPOSED LOADING NOT TO EXCEED 1 NO. WORKING LEVEL RATED AT 2.0kN/m<sup>2</sup> AND 1 NO. LEVEL AT 1.0kN/m BETWEEN UPRIGHTS WITH 0.75kN/m<sup>2</sup> ON THE INSIDE BOARDS.

**LOADING BAYS !**

**LOAD CONSIDERATIONS !**  
 IMPOSED LOADING NOT TO EXCEED 1 NO. WORKING LEVEL RATED AT 10.0kN/m<sup>2</sup> AT ANY TIME

**LOADING GANTRY !**

**LOAD CONSIDERATIONS !**  
 IMPOSED LOADING NOT TO EXCEED 1 NO. WORKING LEVEL RATED AT 10.0kN/m<sup>2</sup> AT ANY TIME

**BEAM SPANS !**

ALL BRIDGE BEAMS TO BE TIED AT 1.0m MAX. ON THE TOP CHORD AND 2.0m MAX. ON THE BOTTOM CHORD, WITH CANTILEVERED BEAMS TIED IN REVERSE (UNLESS STATED OTHERWISE)

**GENERAL NOTES**

**BASIS OF DESIGN**  
 This drawing has been prepared from information supplied to us by, or on behalf of the contractor, who should check that his requirements have been correctly interpreted and that all loadings, dimensions, lift heights, bay sizes, erection/striking sequences etc. are as required and practicable.

**IMPOSED LOADS**  
 The contractor is to ensure that the existing structure, it's fabric and/or the ground will safely support the extra imposed loads: or supply new.  
 Maximum calculated tie load: See notes  
 Maximum calculated leg load: See notes

**LOADINGS ALLOWED**  
 The contractor must ensure that all loading(s) allowed for is sufficient.  
 Live loads: See notes  
 See notes

**Windloading:** As BSEN1991-1-4  
 Maximum number of boarded levels:

**SHORING WORK**  
 We can not and will not pass comment on the structure being shored, as this involves matters beyond our control and knowledge. It is the contractors responsibility to ensure that the existing structure will safely span between our supports, and can be safely shored in the way indicated.

**FOUNDATIONS**  
 The contractor must prepare all foundations prior to erection.

**TEMPORARY ROOFS**  
 No temporary roof can be made watertight.  
 Loading: Snow loading assessed using BSEN1991-1-3 2003, unless the contractor adopts a snow management system.

**MATERIALS**  
 All scaffolding materials forming this structure are to comply, and be constructed in accordance with BS1139, BSEN12811 and TG20:13 (current editions).

**MODIFICATION**  
 No alteration is to be made to the structure detailed on this drawing without prior written permission from Prime Scaffold and Structural Designs Ltd.

**PROPERTY**  
 This drawing is confidential and the exclusive property of THE SCAFFOLD CONTRACTOR. No unauthorised use, copy or disclosure is to be made, and is to be returned on request.

**DIMENSIONS**  
 Written dimensions shall take precedence over scaled dimensions. The contractor must verify all site dimensions and notify of any discrepancies prior to erection.

**PERMITS AND PERMISSIONS**  
 The contractor must obtain all permits and permissions prior to erection.

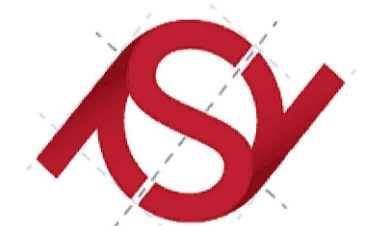
**CONSTRUCTION NOTES**  
 1) All ladder beams and/or unit beams are to be tied together at 1200 centres on top chord and 2400 centres on bottom chord, with the top chord plan braced, unless stated otherwise.  
 2) Unless otherwise noted all lifts other than boarded platform levels are to be constructed using load bearing couplers.  
 3) All general construction is to be in accordance with TG20:13 unless noted otherwise.  
 4) Main contractor to undertake all making good where necessary.  
 5) Main contractors to provide and maintain adequate tie positions.  
 6) No additional sheeting, wind protection or fans to be added to this structure without prior written permission from Prime Scaffold and Structural Designs Ltd.

**ISSUED AS WORKING DRAWING**

**Revisions:**

	DATE	REVISION DETAILS	INITIAL
A	16/10/2020	Issued as working drawing	
B	10/11/2020	Tie detail & narrow scaffold configuration amended	
C			
D			
E			
F			

**Client:**



Prime Scaffold and Structural Designs Limited  
 Tel: 0207 403 2994  
 Web: www.psd.uk.com

**TITLE:**  
 Proposed Scaffold Layout for  
 Access Scaffold @ 392-394  
 Seven Sister's Road, London.

<b>DRAWN:</b> T. Brown	<b>CHECKED BY:</b> _
<b>CLIENT:</b> Reunited Scaff.	<b>DATE:</b> 04/10/2020
<b>SCALE:</b> As Drg @ A1	<b>DRG No:</b> A/RS 9018-2B

SCAFFOLD TO BE CONSTRUCTED TO SG4:15 SAFE SYSTEMS OF WORK

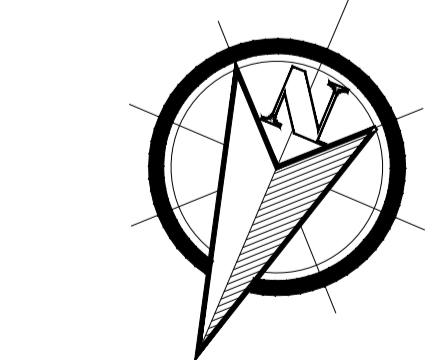
ANCHORS TO BE TESTED IN ACCORDANCE WITH N.A.S.C DOCUMENT TG4

BAY LAYOUT HAS BEEN SHOWN, WHERE NECESSARY BAY SIZES CAN BE ALTERED TO SUIT SITE CONDITIONS AND OBSTACLES - MAX BAY LENGTH NOT TO EXCEED 2.2m

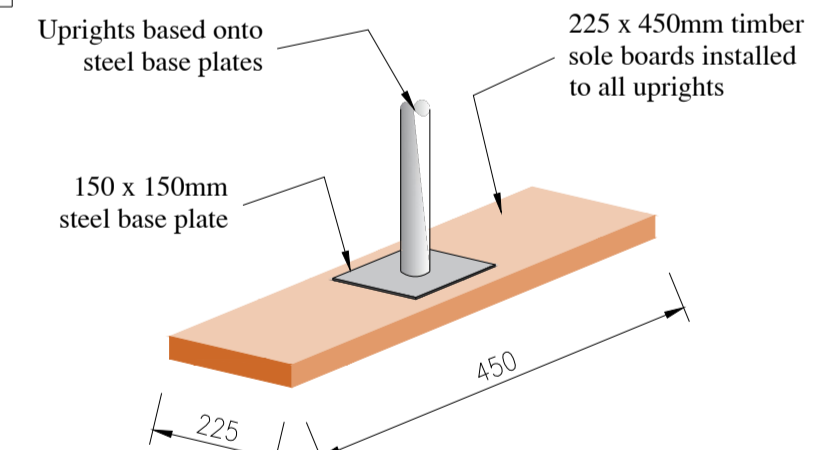
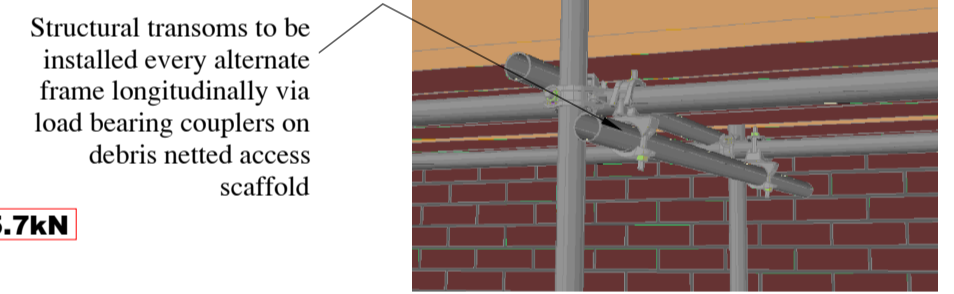
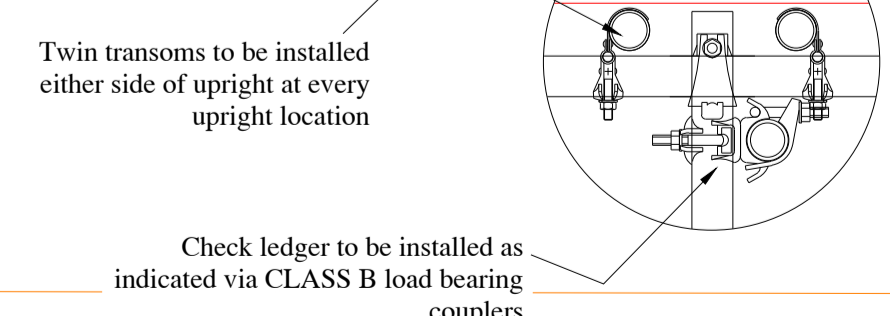
ALL UPRIGHTS TO BE BASED FROM FIRM/LEVEL GROUND AT ALL TIMES.

ALL BEAMS TO BE CONNECTED TO UPRIGHTS WITH CHECK LEDGERS AT ALL TIMES.

BEAMS TO BE LACED AND PLAN BRACED VIA LOAD BEARING COUPLERS AT ALL TIMES.



**PLAN LAYOUT SCALE 1 : 75**



**COLOUR KEY CODE:**

[Pink hatched box]	ALL SCAFFOLD SUPPORTED AT LOWER GROUND FLOOR LEVEL
[Blue hatched box]	ALL SCAFFOLD SUPPORTED AT GROUND FLOOR LEVEL
[Light blue hatched box]	INDICATES LOADING BAY INSTALLED TO 1ST FLOOR LEVEL
[Light green hatched box]	INDICATES LOADING BAY INSTALLED TO 2ND FLOOR LEVEL
[Light purple hatched box]	INDICATES LOADING BAY INSTALLED TO 3RD FLOOR LEVEL
[Light red hatched box]	INDICATES LOADING BAY INSTALLED TO 4TH FLOOR LEVEL
[Light yellow hatched box]	INDICATES LOADING BAY INSTALLED TO ROOF LEVEL