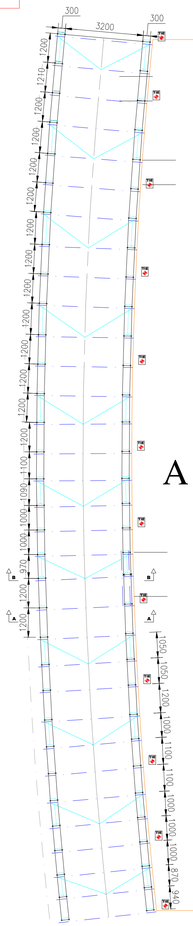
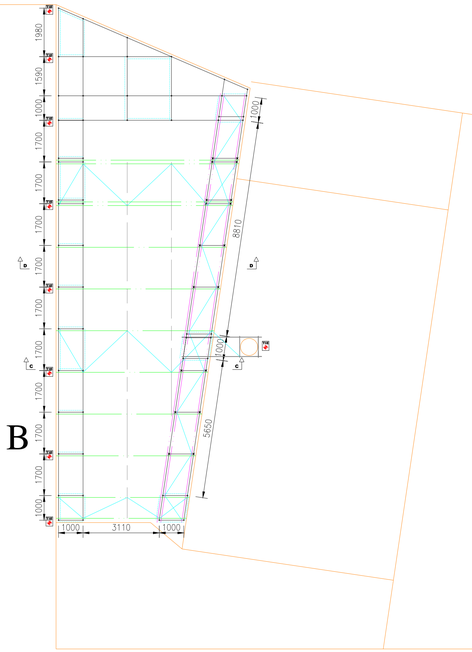
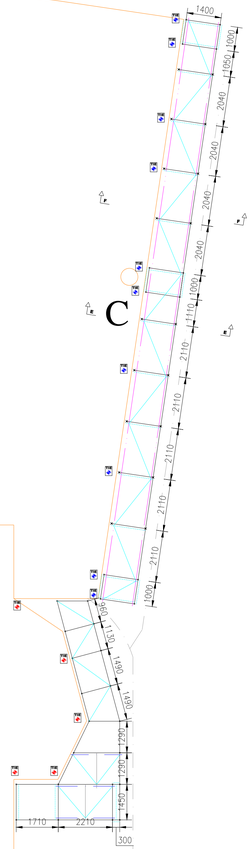
ALL COUPLERS TO BE TYPE EN74 CLASS B COUPLER WITH MIN 9.1kN SLIP CAPACITY







ADDITIONAL TIES MAY BE REQUIRED DEPENDING ON THE TENSILE CAPACITY OF THE ANCHOR USED.

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

TIE LOAD INFORMATION:
MAX TIE LOAD = 5.3kN+/-
MIN PULL TEST TO BE NO LESS THAN 6.7kN

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

PLAN LAYOUT
SCALE 1 : 100

! 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.

! LOAD CONSIDERATIONS !

IMPOSED LOADING NOT TO EXCEED 1 NO. WORKING LEVEL RATED AT 2.0kN/m2 BETWEEN UPRIGHTS.

! 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)

KEY PLAN:

LADDERBEAMS
UNIT BEAMS
450 ALUMINIUM BEAMS
750 ALUMINIUM BEAMS
GROUNDED UPRIGHTS
SUPPORTED PUNCHEONS

! DESIGN BASED RESIDUAL HAZARD !

UNLESS STATED ALL UPRIGHTS/ BRACING SOLE BOARDS ETC. ARE INDICATED FOR STRUCTURAL PURPOSES. ANY PROTECTION (PHYSICAL/ VISUAL) REQUIRED FOR PEDESTRIAN/ SITE PERSONNEL INTERFACE TO BE INSTALLED/ JUSTIFIED BY OTHERS.

BUILDING LAYOUT AS SITE SURVEY BY PSD, DUE TO BUILDING DRAWINGS NOT BEING PROVIDED BY CLIENTS AS REQUESTED. ALL MEASUREMENTS WERE PHYSICALLY TAKEN AND SHOULD BE CHECKED PRIOR TO ERECTION OF SCAFFOLDING

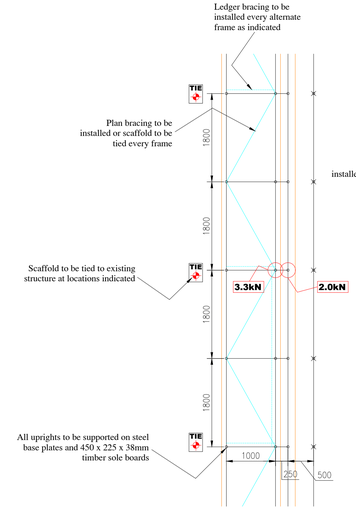
SCAFFOLD TO BE ERECTED AND DISMANTLED IN ACCORDANCE WITH NASC DOCUMENT SG4:15

! DESIGN BASED RESIDUAL HAZARD !

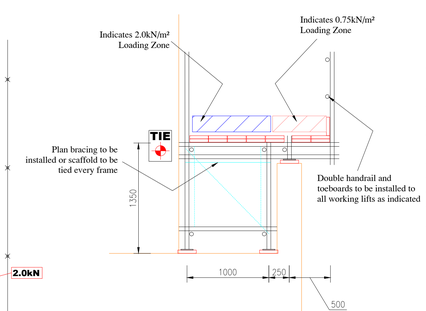
SCAFFOLD CONTRACTOR TO SUPPLY RELEVANT RAMS FOR THE ERECTION AND DISMANTLE OF SCAFFOLD TO THE MAIN CONTRACTOR.

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

NETTING TO BE SECURED TO OUTSIDE OF UPRIGHTS AT ALL TIMES.



TYPICAL PLAN LAYOUT
FLOOR 7
SCALE 1 : 50



TYPICAL SECTION
FLOOR 7
SCALE 1 : 30

COLOUR KEY CODE:

INDICATES 2.0kN/m² LOADING ZONE

INDICATES 0.75kN/m² LOADING ZONE

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

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 & 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 & Structural Designs Ltd.

ISSUED FOR APPROVAL

Revisions:

	DATE	REVISION DETAILS	INITIAL
A			
B			
C			
D			
E			
F			
G			

Client:

OAL
OPTIMUS ACCESS LIMITED

Prime Scaffold and Structural Designs Limited
Tel: 0800 612 7748
Web: www.psd.uk.com

TITLE:
Proposed Scaffold Layout Protection/ 2.0kN/m² Loading Platforms @ Jury's Inn Holborn.

DRAWN:	D. Foster	CHECKED BY:	D. McShane
CLIENT:	OAL	DATE:	22/11/2019
SCALE: (ORIG DRG)	As Drg @ A1L	DRG No:	A/OAL 8363-1