



Notes

GENERAL

1. This drawing is to be read in conjunction with all relevant Engineers and Architects drawings.
2. For setting out refer to Architects drawings.
3. All dimensions are in millimetres and levels are in metres unless noted otherwise.
4. Contractor to take all relevant dimensions on site. Any discrepancies to be advised to the Engineer.
5. Contractor to check/scan for services prior to construction to avoid any damage during works.

STEELWORK

1. Steelwork generally to be to the requirements of BS5950.
2. All steelwork to be Grade BS EN 10025 S275 JR in accordance with BS5950 unless noted otherwise.
3. All structural hollow section steelwork to be Grade BS EN 10219 S355 JR in accordance with BS5950 unless noted otherwise.
4. All cold formed steelwork to be Grade BS EN 10219 S355 JR in accordance with BS5950 unless noted otherwise.
5. The fabricator is responsible for the design of all connections and production of any fabrication drawings to the satisfaction of the engineer. All connections shown are indicative only. Adequate allowance should be made for the provision of gusset plates, stiffeners, haunches and slotted bolt holes where necessary. The loadings shown on the drawings shall be used for the design of the connections to BS 5950.
6. All connections shown indicatively and to be steel fabricator designed. Connections to be designed for a Shear/Moment/Tensile load of 75kN
7. All bolts to be Grade 8.8 to BS 4190 unless noted otherwise. Use for ordinary bolts
8. All bolts to be Grade 8.8 to BS 3692 unless noted otherwise. Use for precision bolts for use in close tolerance holes
9. All structural welds to be a minimum of 6mm fillet welds to BS EN ISO 2560.
10. Bolts to be Bright Zinc Plated (BZP) in accordance with BS EN ISO 4042. All nuts to be Bright Zinc Plated nuts.
11. All nuts, bolts and washers are to be galvanised in accordance with BS 7371-6 and BS EN 1461. Bolts to be centrifuged to ensure free running threads.
12. All steelwork to be prepared and painted in accordance with the specification unless noted otherwise on this drawing.
13. Steelwork paint system to be specified by the fabricator to EN ISO 12944:1998 to achieve a protection level of C2 to EN ISO 12944 Part 2 Table 1.
14. All steelwork to be blast cleaned to Swedish quality SA 2½ and painted with 80 microns of shop applied zinc phosphate epoxy primer.
15. On completion of erection all steelwork with damaged areas of paintwork are to be touched up with zinc rich paint.
16. Purlins and cladding system to be installed in accordance with manufacturers specification including any requirements for panel joint rails, diagonal ties etc. Allow for eaves beam.

The details shown are base details for support of proprietary Trisomet 333 cladding system

TENDER ISSUE

Rev.	Amendment	Drn.	Chkd.	Appd.	Date
T01	TENDER ISSUE	SS	-	JMB	23.06.15
P02	REVISED TO ARCHITECTS COMMENTS	GA	-	JMB	21.05.15
P01	PRELIMINARY ISSUE	SS	-	JMB	14.05.15

Project
**Imperial War Museum, Lambeth
Road, London, SE1 6HZ**

Drawing
Roof Layout

Client
TRUSTEES OF THE IMPERIAL WAR MUSEUM

Scott White and Hookins

Civil/Structural Engineers | CDM Co-ordination/ BREEFAM | Traffic and Transport | Flood Risk Assessments

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Scale at A1 : 1 : 20	Status: Tender
Project / Drawing No. L00702-101	Rev. T01

HAZARDS LEADING TO UNUSUAL OR SIGNIFICANT RISKS DURING THE CONSTRUCTION PROCESS ARE IDENTIFIED ON THIS DRAWING AS:

BE AWARE INFORMATION DO DON'T DO

NOTE: THE LIST BELOW IDENTIFIES CERTAIN RISKS WHICH ARE DEEMED TO BE UNUSUAL, ABNORMAL OR UNEXPECTED TO A COMPETENT CONTRACTOR CARRYING OUT WORK OF THIS NATURE BUT DOES NOT COVER ALL POSSIBLE SITUATIONS WHICH MAY BE ENCOUNTERED DURING THE CONSTRUCTION PROCESS. IT IS THEREFORE THE MAIN CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ANY FURTHER RISKS/HAZARDS AND TAKE APPROPRIATE ACTION.

RISKS/HAZARDS SPECIFIC TO THIS DRAWING:

- WORKING AT HEIGHT
- RISK OF FALLING OBJECTS

DO NOT SCALE FROM THIS DRAWING