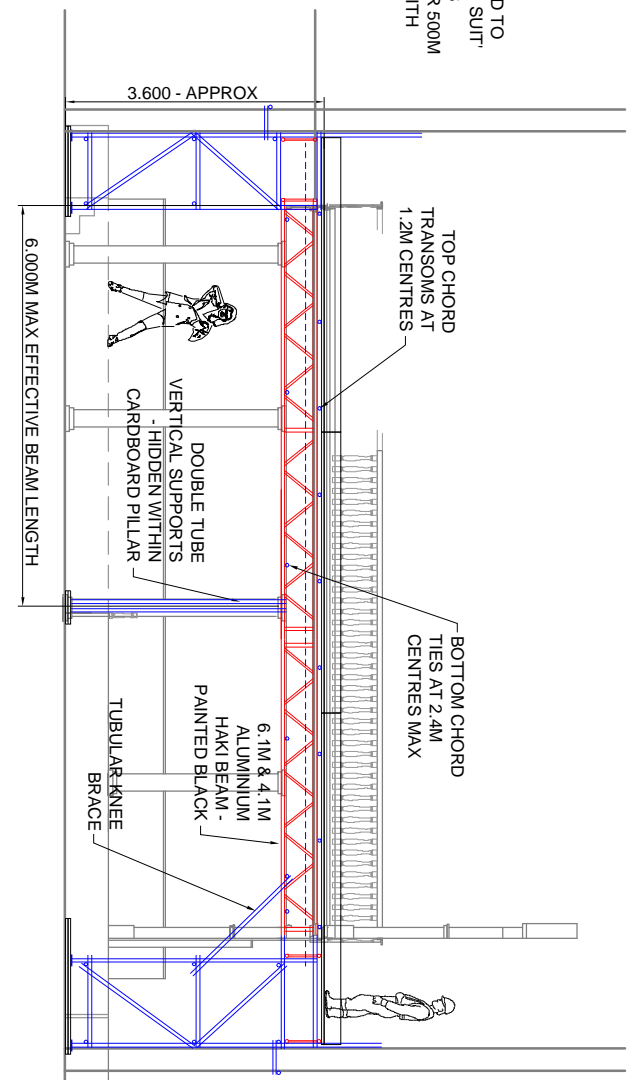
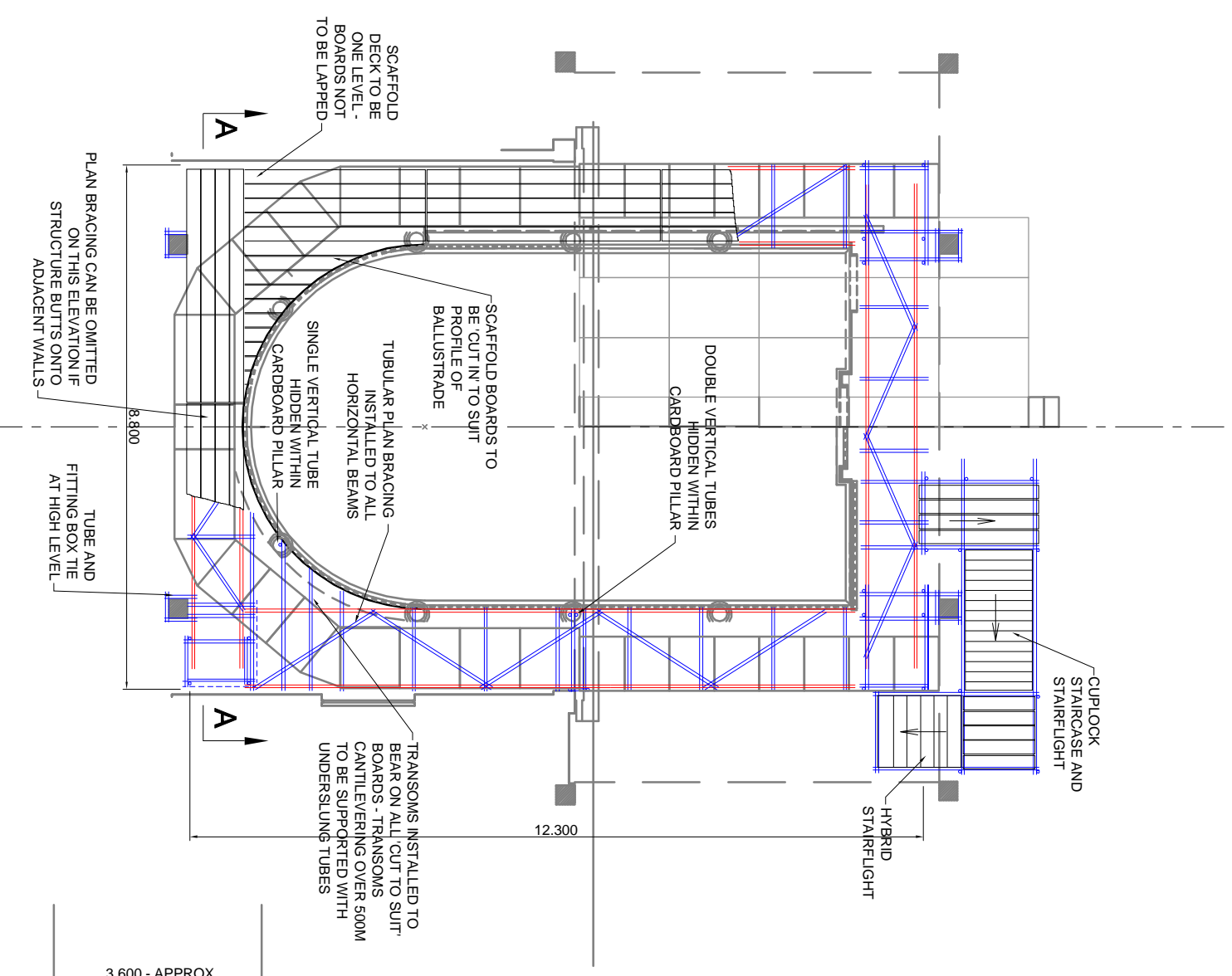
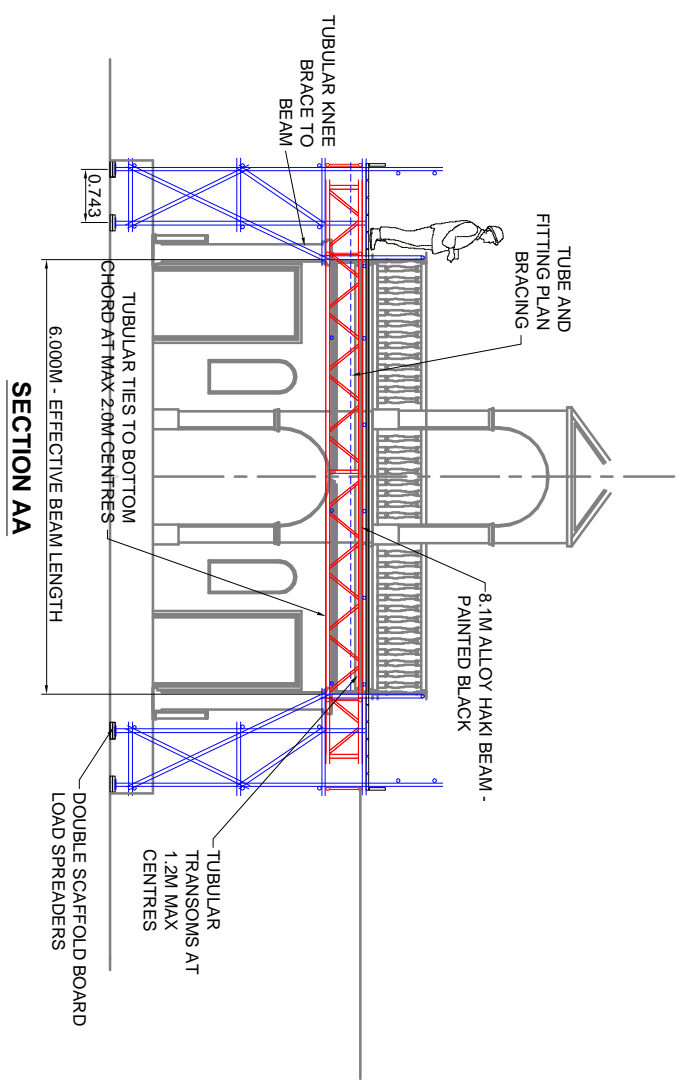


**GENERAL NOTES:**

1. TR SERVICES Bristol LTD. This drawing is confidential and is the exclusive property of TR Services (Bristol) LTD. No unauthorised use, copy or disclosure is to be made and is to be returned upon request. The drawing is supplied subject to the Company's standard Conditions as applicable.
2. Basis of design: This drawing has been prepared from information supplied to us by, or on behalf of the Customer who should check that we have correctly interpreted his requirements and that all loadings, dimensions, details, sections, joining and striking sequences etc. are as required and practicable. The drawing designer or their team shall be deemed to prepare the scheme.
3. Assumptions: The following assumptions affecting the use of the equipment shown on this drawing have been made:
  - 4. Imposed loads: The structure detailed on this drawing has been designed to support the following loads:
 

|                                                 |             |                   |             |                   |
|-------------------------------------------------|-------------|-------------------|-------------|-------------------|
| Main working flat.....                          | no. at..... | kN/m <sup>2</sup> | no. at..... | kN/m <sup>2</sup> |
| Hoop-Bridges.....                               | no. at..... | kN/m <sup>2</sup> | no. at..... | kN/m <sup>2</sup> |
| (all loads assumed uniformly distributed)       |             |                   |             |                   |
| Self weight of formwork.....                    |             | 0.5               |             | kN/m <sup>2</sup> |
| Self weight of formwork.....                    |             | 0.5               |             | kN/m <sup>2</sup> |
| Live loading.....                               |             | 1.5               |             | kN/m <sup>2</sup> |
| Wind loading.....                               |             | 0.5               |             | kN/m <sup>2</sup> |
| Wind loading.....                               |             | 0.5               |             | kN/m <sup>2</sup> |
| BS 5972 and/or BS 5975 (C1-C3 Clauses / Part 2) |             |                   |             |                   |
| Max design wind pressure.....                   |             |                   |             | kN/m <sup>2</sup> |
5. Timber: No timber is supplied by T.R. unless specifically stated. Where T.R. does not supply, the timber design is the responsibility of the Customer, but to enable us to prepare the drawing we have assumed:
  - Main beam.....
  - Secondary beams.....
  - Wallings.....
 The above sizes have been calculated using stresses derived from BS 5975.
  - Proposed: 3mm Double Fir (unless otherwise noted).
  - Deflection has been limited to 1/270th of the span for each member.
6. Formwork: ALL T.R. COMPONENTS IN CONTACT WITH CONCRETE MUST BE TREATED WITH T.R. CHEMICAL RELEASE AGENT (OR SIMILAR) PRIOR TO EACH USE.
7. Foundations: Unless otherwise noted, no suggestions or other means of spreading the imposed loads are supplied by T.R. The customer must ensure that the foundations provided are adequate.
  - MAXIMUM CALCULATED LOAD..... kN
  - MAXIMUM UFT HEIGHT..... m
8. Temporary Working Platforms (Fits or Sails Only): Unless specifically stated, it is assumed that any other working platforms (for erection or dismantling purposes) will be designed, supplied and fitted by the Customer.
9. Materials: All tube and/or fittings not supplied by T.R. but forming part of the structure must comply with BS 1139 (See also Note 10 below). Scaffold boards assumed capable of spanning 1.5 metres.
10. Modification: This drawing has been prepared using the Safe Working Load of the T.R. components specified. No alteration to component, assembly, loading or any other aspect must be made without the agreement of the Customer. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE FOLLOWING:
  - 11. Tying and Bracing



**SIDE ELEVATION**

**PLAN LAYOUT**

**REVISIONS**

A 13 OCT 04 - INITIAL ISSUE

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**TITLE:**  
 TEMPORARY SUPPORT STRUCTURE TO FACILITATE CONSTRUCTION OF THE PHOENIX THEATRE - WICKHAM THEATRE, BRISTOL UNIVERSITY

**CUSTOMER:**  
 JENNY NORMAN - BRISTOL UNIVERSITY DRAMA DEPT

**DRIFT:**  
 BRISTOL

**PREPARED BY:**  
 S SALMON

**CHECKED BY:**  
 S SALMON

**DATE:**  
 OCTOBER 2004

**DRAWING NO.:**  
 A-TR 2004 - 1A

**SCALE:**  
 1/50 @ A1 1/100 @ A3