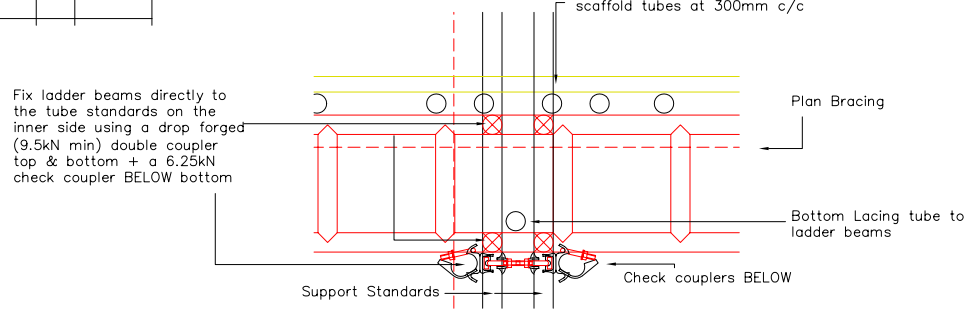
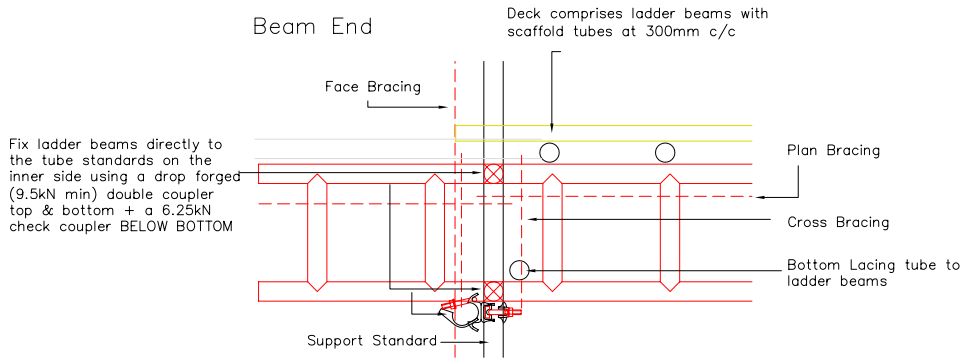
REV.	AMENDMENTS	BY	CHKD	DATE
A	Notes & Details Added	AKA		30/1/08
B	Double Std added to inner beam Max Loads to areas shown toeboards shown to sides	AKA		31/1/08

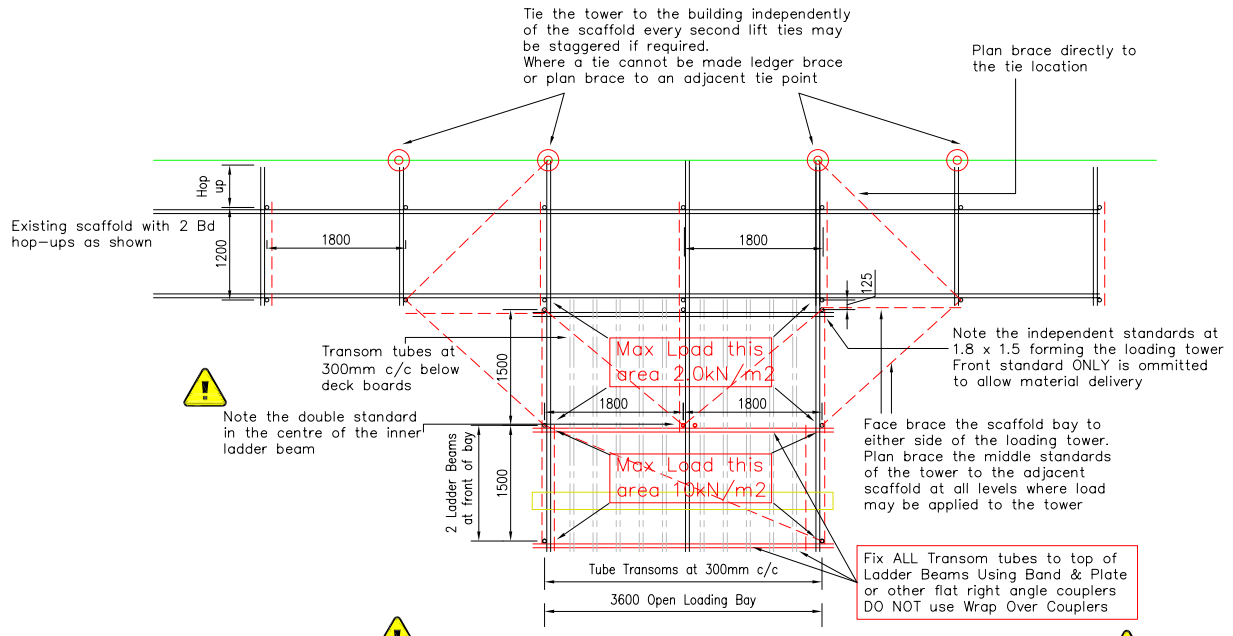
Midspan of Beam



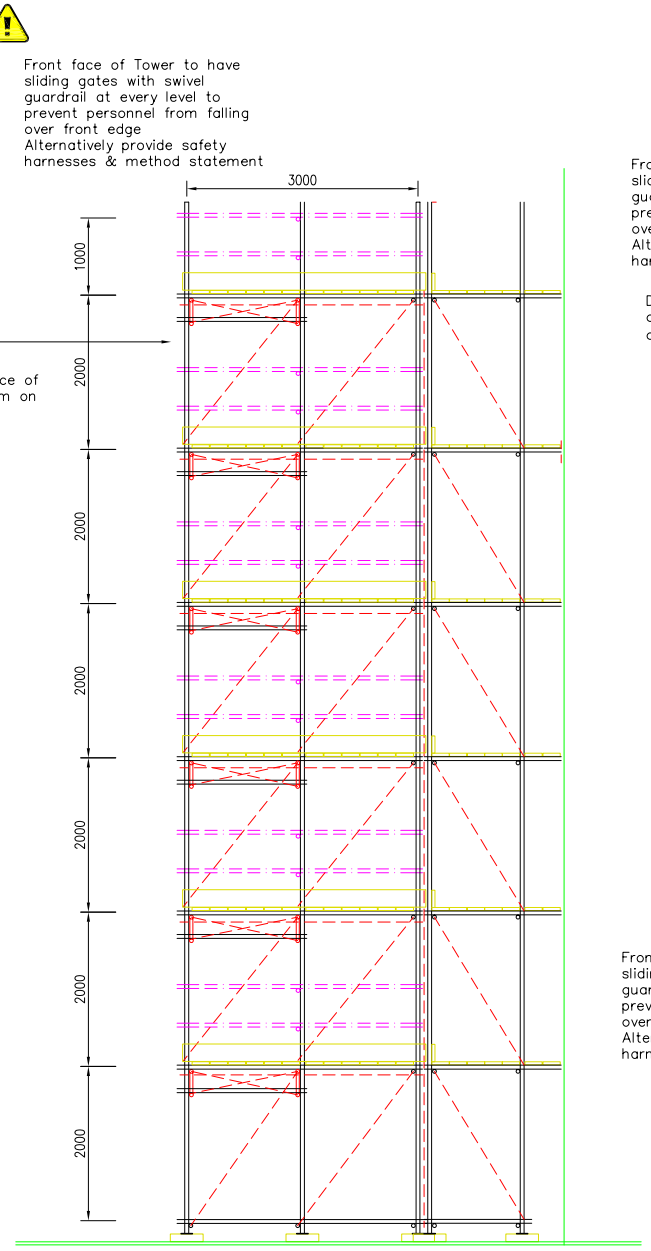
Beam Fixing Details 1:10

Beam End

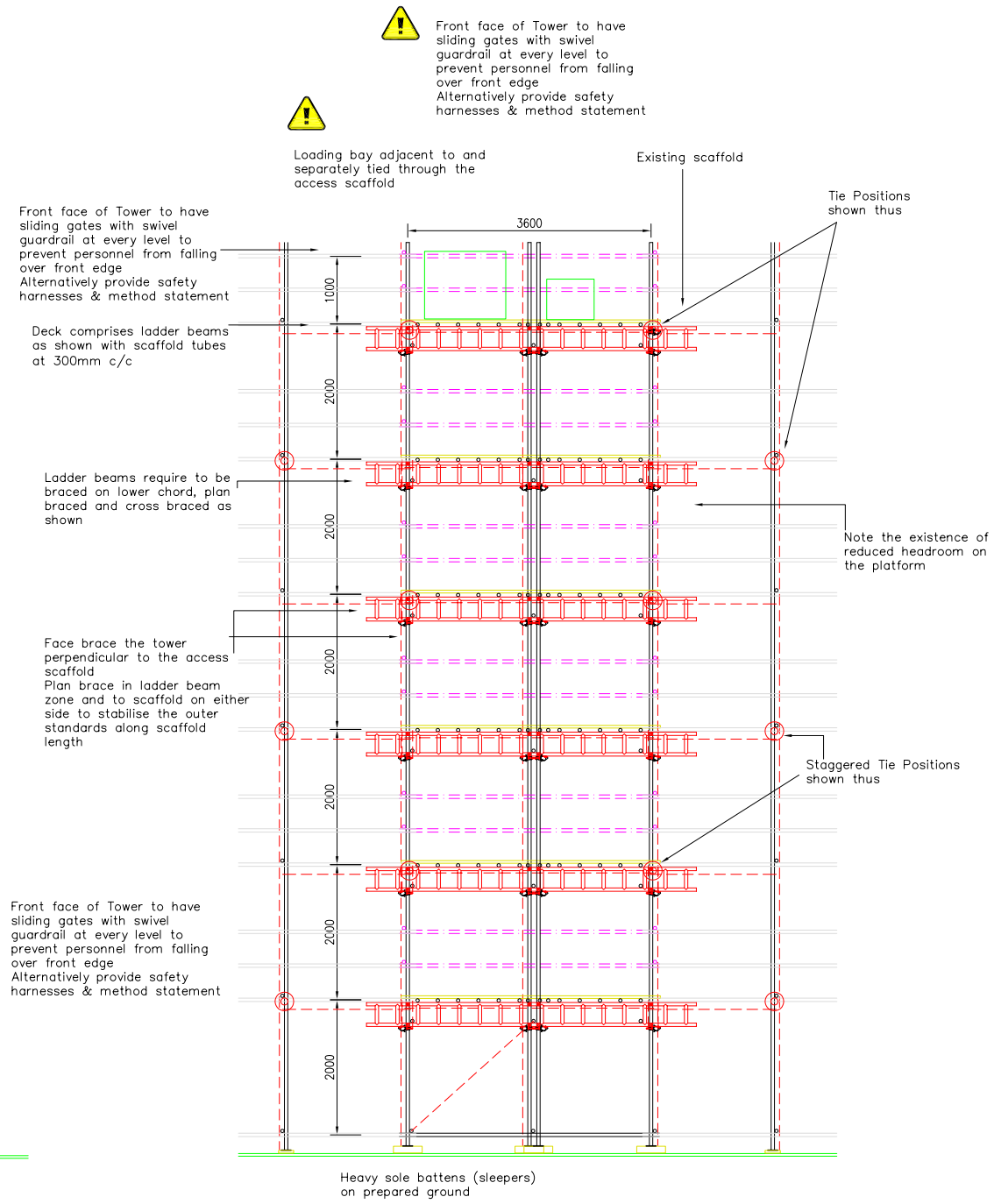




Plan Layout 1:50



Side Elevation
Loading Tower & Adjacent Scaffold 1:50



Front Approach Elevation 1:50

Minimum Safe Working Load
Ladder Beams
13.7kNm in bending
18kN in Shear

GENERAL NOTES

1. (c) Condesco Technical Services 2008
   This drawing is confidential and is the exclusive property of Condesco Tech Services No unauthorised use, copy or disclosure is to be made and it 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, erection, pouring and striking sequences etc. are as required and practicable. The following drawings obtained on loan have been used to prepare this scheme :
   Telephone discussion & notes
3. Assumptions
   The following assumptions affecting the use of the equipment shown on this drawing have been made :-
   The ground prepared by the Main Contractor shall be capable of supporting the scaffold loadings and shall be level out from the building edge for at least 6.0m
   The scaffold shall not be sheeted at any point
4. Imposed Loads
   The scaffold structure detailed on this drawing has been designed to support the following loads
   One level loaded ONLY at any one time with 1 No. 1.5Tonne(15kN) pallet of Bricks
   Spread evenly over approx 1.2m x 1.2m area of the loading bay approx = 10.0kN/m2 UDL
   Also 1No approx 0.75 tonne (7.5kN) tub of ready mixed mortar
   Spread evenly over a 1.2m x 0.6m area of the loading bay approx = 10.0kN/m2 UDL
   Standard Loading
   Maximum standard loading with a live load of 22.5kN on one deck = 15.0kN
   Specific wind loading calculations have not been carried out but side bracing shall
   Transmit wind load from the loading tower to the adjacent scaffold and to the building via ties
5. Ties to the Building
   MAXIMUM TIE LOAD ON STRUCTURE +/- 7.5kN
   MAXIMUM CENTRES OF TIES VERTICALLY : 4000mm c/c
   Specific ties (separate from the scaffold ties) require to be provided for the loading bay as shown
   Where ties cannot be inserted plan or ledger brace to the next available tie location
6. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE RELEVANT COPY OF:
   CALCULATION SHEETS produced by Condesco Technical Services
   EQUIPMENT DATA SHEETS relevant to the equipment shown on this design
   HEALTH & SAFETY DATA SHEETS relevant to the equipment shown on this design
7. Foundations / Support
   The Customer must ensure that the foundations provided are adequate.
   Where equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.
   The minimum preparation for this tower should be 150mm of compacted hardcore overlying a compact sub-base material.
   Use of a 600mm long sleeper/double 65mm battens/triple 40mm sole boards is recommended
   Such a detail shall provide a ground bearing pressure of approx 110kN/m2
8. Temporary Working Platforms
   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 forming part of this structure must comply with BS. 1139 (See also Note 10 below).
   Scaffold boards are assumed to be 38mm thick, capable of spanning 1.2 metres.
10. Modification
    NO ALTERATION to be carried out to the Scaffold Structure or its components specified made without the prior authority from Condesco Technical Services (CTS)
11. Tying and Bracing
    The the supply and fixing of all necessary building ties is the responsibility of the customer
    All ties to be two-way positive type as specified in BS 5973; 1993
    Maximum intervals and positions of ties to be as indicated.
    The Customer is responsible for ensuring that all structures are adequately tied and/or braced to carry the load and ensure stability as indicated on the drawing. See also note 7.
    No ties or braces or other parts of the structure are to be removed without the authority of CTS
12. Permits
    The Customer is to be responsible for obtaining all permits and permissions necessary prior to construction.

DESIGN BASED RESIDUAL HAZARD
Design Based Hazard is 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 HSE Procedures the PERSON SUPERVISING the construction MUST CONTACT the Design Office, BEFORE WORK COMMENCES, for CLARIFICATION of the identified Hazards

Issued For Construction

Interlink Scaffolding Ltd
4 High Street, Stanley
Co Durham, DH9 0DQ
Tel 0870 240 4147 Fax 01207 284359

Title: Saltburn Learning Campus
3 Tonne Loading Platform
General Arrangement & Details

Customer:	Balfour Beatty		
Depot:		Scale:	Noted for A1
Prepd By: AKA	Date: 16/01/08	Drg. No:	CTS-2008-341-01b
Chkd By:	Date:		

CONDESCO
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