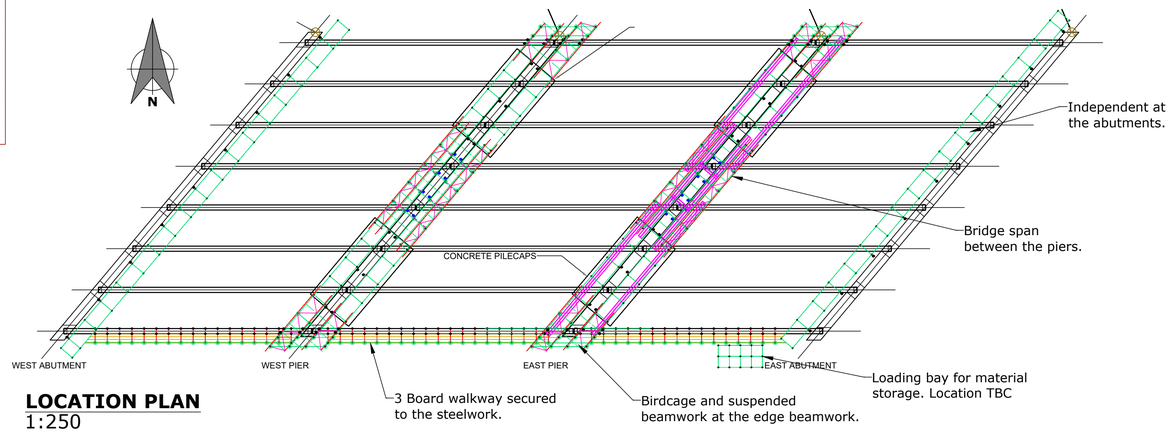
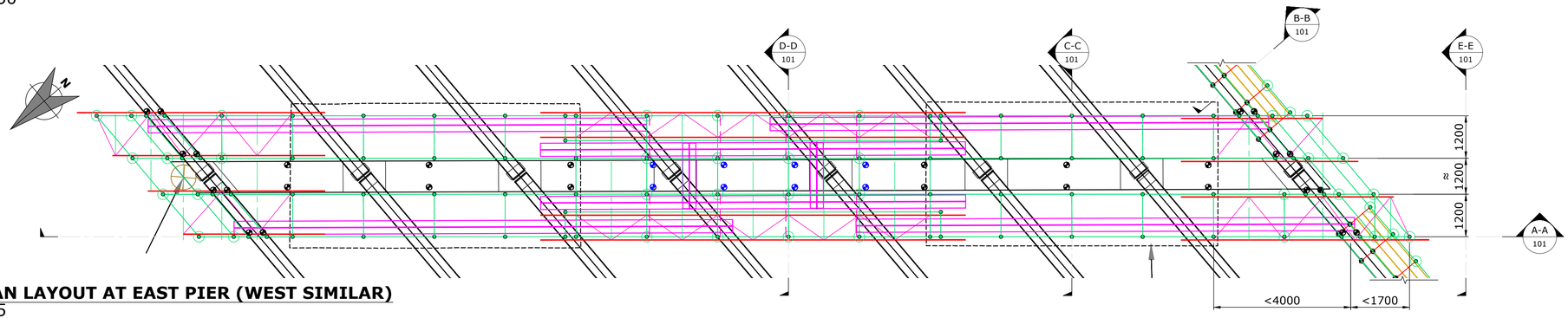
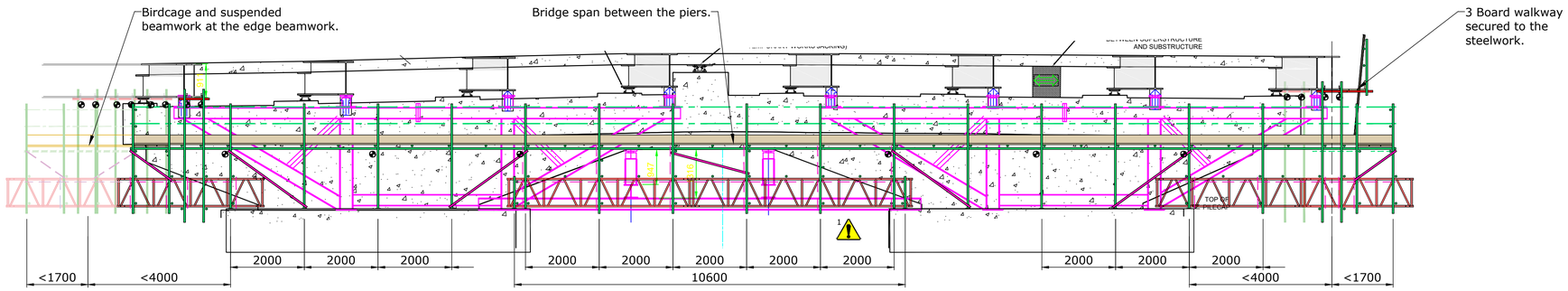
DRAWING NUMBER
26-SRK-2745-DRG-101



LOCATION PLAN
1:250



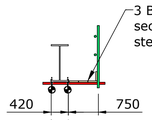
PLAN LAYOUT AT EAST PIER (WEST SIMILAR)
1:75



DL 4.6kN
LL 7.4kN
Un-factored reactions per beam

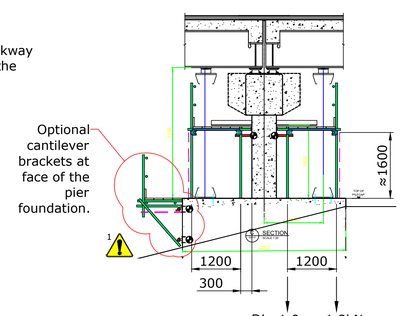
ELEVATION A-A
1:75

LOADS APPLIED TO THE EXISTING STRUCTURE
Reactions and scaffold layout will be subject to revision following the design/approval of the temporary propping system



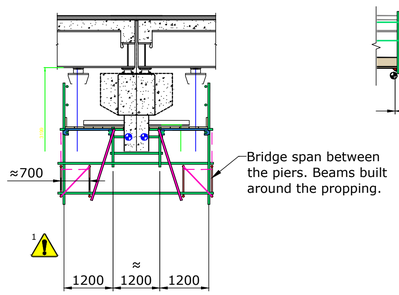
DL -1 1.72kN
LL -1 2.13kN
Un-factored reactions

SECTION B-B
1:75

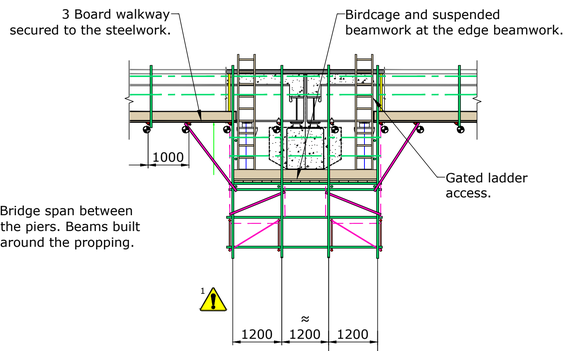


DL 1.0 1.3kN
LL 2.8 2.5kN
Un-factored reactions

SECTION C-C
1:75

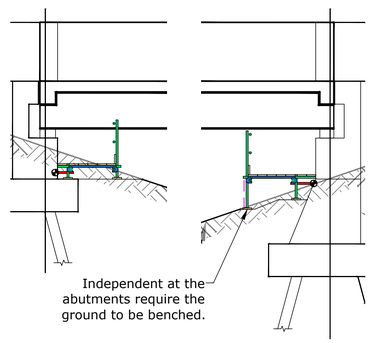


SECTION D-D
1:75



DL 3.0 2.0kN
LL 10. 5.1kN
Un-factored reactions

SECTION E-E
1:75



TYPICAL ABUTMENT SCAFFOLDS
1:75

DESIGNERS RISK ASSESSMENT SUMMARY TABLE

Everyday low risk hazards and those hazards which should be obvious to a competent contractor have not been included within this drawing as per HSE guidelines.

Scaffolding to be constructed by competent operatives in line with the work at height regulations 2005 and NASC SG4:22 SRK Scaffolding Ltd should be immediately notified of any additional hazards that are identified.

1 WATER BASED HAZARDS
Suitable PPE and rescue equipment to be provided as per regulation 35 of the CDM Regulations 2015

LOADING
Environmental loads
Wind load (Qp) taken as 0.60kN/m²
Snow load (Sk) taken as 0.30kN/m²
Applied loads to platforms
Scaffold for access at the bearings designed for 1No lift at 2.00kN/m² + inside boards rated at 0.75kN/m²
--
Cantilevered walkway rated at 1.50kN/m²

GENERAL NOTES:

THE CONSTRUCTION DESIGN & MANAGEMENT REGULATIONS 2015 The client duties as detailed within The CDM regulations 2015 and are available freely online. The client must have read and understood their duty as laid out in the regulations prior to approving this drawing. Any individual selecting a generic design for a specific project takes on the role of designer under the CDM regulations 2015.

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BASIS OF DESIGN
Unless otherwise stated;
This design has been undertaken using the permissible stress approach, all stated loads and reactions are un-factored.
Scaffold tube taken as BS En 39:2001 type 4 as new
Fittings taken as class A unless otherwise noted
The scaffold is designed for a maximum life span of 2 years using a reduced wind/snow load probability. SRK scaffolding Ltd must be notified if the scaffold is to remain in place for longer than 2 years.

WORKING PLATFORMS
All working platforms are to comply with TG20 at all times.
BS2482 225mm x 38mm scaffold boards are to be used.
Maximum overhang = 150mm, minimum overhang = 50mm. Boards shorter than 2.13m are to be tied down as per TG12. Max allowable gap between boards = 25mm. Max allowable gap between inside boards and permanent structure = 50mm.

DESIGN CODES
BS 5975: 2019, code of practice for temporary works procedures and the permissible stress design of falsework
BS EN 12811-1:2003, temporary works equipment scaffolds performance requirements and general design
BS EN 16508:2015, temporary works equipment encapsulation constructions performance requirements and general-design
BS EN 1991-1-3:2003+A1:2015 & NA, actions on structures general actions snow loads
BS EN 1991-1-4:2005+A1:2010 & NA, actions on structures general actions wind actions
EN 13374:2013, temporary edge protection systems product specification test methods
NASC TG20:21

TYING / EXISTING STRUCTURE
The client is responsible for ensuring the existing structure can safely withstand any loads imparted onto it by the scaffold. These checks must be carried out by the clients engineer prior to instructing SRK to commence erection of the scaffolding.
Ties are to be installed and tested and inspected in accordance with NASC TG4. Proof tests are to be carried out on all projects. A minimum of 3No and at least 5% of anchors are to be tested to 1.25x the indicated anchor load in each type of substrate encountered.
The client is to ensure that no ties are removed without the approval of the responsible SRK design engineer.

MODIFICATIONS
No modifications may be made to this drawing without recorded approval from SRK engineering department

DIMENSIONS
The client is responsible for accurately setting out the scaffold and must check that the site layout as indicated is correct. All dimensions are in mm unless otherwise indicated. Written dimensions take precedence over scaled dimensions.

SCAFFOLD INSPECTIONS
It is a requirement under the Work at Height Regulations 2005 that the user / hirer is responsible to ensure the scaffold is inspected as follows:
Following installation / before first use.
At an interval of no more than 7 days thereafter.
Following any circumstances liable to jeopardise the safety of the installation eg high winds.

RAMS
This drawing to be read in conjunction with SRK Risk Assessment and Method Statement.

TG20 & SG4
All those erecting scaffolding should be competent, (or supervised by a competent person) for the type of scaffolding work they are undertaking and should have received training under an industry recognised training scheme eg The Construction Industry Scaffolders Registration Scheme (CISRS) and hold a Scaffolder card.

THE FOLLOWING CALCULATION DOCUMENTS ARE ASSOCIATED WITH THIS DESIGN
26-SRK-2745-CAL-101

DRAWING STATUS
FOR DISCUSSION ONLY

REVISION HISTORY

REVISION	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED BY
---	--	--	JL	--	

SRK SCAFFOLDING & INDUSTRIAL SERVICES
Haywards Lane, Chelston, Wellington, Somerset, TA21 9FD

CLIENT
EKSPAN

PROJECT
A465 River Clydach Bridge

DRAWING TITLE
Access Scaffolding Proposal

DESIGNED BY	CHECKED BY	CHECK CAT
JL	-	2
SCALE	DATE	SHEET
As Shown	27.07.2026	01/01
DRAWING NUMBER		REVISION
26-SRK-2745-DRG-101		---

SHEET SIZE ISO FULL BLEED A1 (841.00 X 594.00 MM)