



# tie Limited

## Minutes of SDS, BBS & TIE Design interface meeting

Date: 16.04.08

Time: 13.00

Venue: McAdam room CityPoint I

**In attendance:**

Bob Bell – tie - Chair	Phil Douglas- tie
Brian Donnelly - BBS	Michael Jesuarul - tie
David Taylor- BBS	Lindsay Murphy- tie
Alan Dolan (AD)- SDS	Michael Patterson- tie

<b>Apologies:</b>	Jim Cumberton - BBS, Kate Shudall (KS)- SDS, Willie Biggins – tie, Tom hickman
<b>Circulation:</b>	Damian Sharp (DS)
<b>Remit:</b>	To facilitate diligent but open discussions between SDS and BBS with regard to critical design issues pre-contract signature.

	WHAT	WHO	WHEN
<b>1.</b>	<p><b>Actions from Last Meeting</b></p> <p><b>1.1 Caledonian Ale House.</b></p> <p>Application for building warrants prepared by SDS and issued to tie for submission N.B NR document issued however SDS are not clear on whether this document will be accepted by building control if Network rail consent were to be a condition as issue to tie was co-incident with issue to Network rail. Recommendation from SDS is that tie clarifies with Building Control and Network Rail in advance of submission as a failed submission will require reapplication.</p> <p>tie to clarify and update on any resulting programme implications</p> <p>Revision to Issues Clarified at meeting of 16-04-08</p> <ul style="list-style-type: none"> <li>There will be no temporary works design issued by SDS as part of the permanent works design - STET</li> <li>There is no structural dependency between Haymarket Station access steps to station car park and station frontage. Clarified by AD as the steps Change to There is no structural dependency between the existing steps and the building However behind the steps is a passageway that supports the station forecourt at the upper level. This will require careful consideration and potentially temporary support when new steps are constructed if column supports are altered to tie in new steps to concourse level. This was sketched at the meeting by SDS. BBS intimated that they did not consider that this is show within the design. SDS to give</li> </ul>	<p>tie</p> <p>BBS</p> <p>SDS</p>	<p>30-04-08</p> <p>18/04/08</p> <p>30/04/08</p>

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reference to how/where this is shown. Joint visit to be carried out following the meeting to cellar of Ale house to demonstrate.	SDS/BBS	23/04/08
<ul style="list-style-type: none"> <li>The Haymarket station steps can be removed without any structural impact on the station frontage above, and the only works required will be to make this area safe to prevent public access. To be reviewed in conjunction with detailed method statements</li> </ul>	SDS	B4 19/05/08
<ul style="list-style-type: none"> <li>There is no structural dependency between Haymarket Terrace Retaining Wall and the Caledonian Ale House. No change to this Statement</li> </ul>	Closed	
<ul style="list-style-type: none"> <li>X Sections required through Caley ale House showing finished levels after demolition by CEC No change to this Statement</li> </ul>	Closed	
<ul style="list-style-type: none"> <li>Condition survey previously undertaken by SDS Condition Survey to be passed over to BBS</li> </ul>	KS	Ongoing
BBS to complete method statement to support building warrant	Closed	
Agreed that more detailed method statements will be required from BBS by <b>tie</b> to support approvals to commence construction.	BBS	In time to allow review
Type 3 asbestos survey being carried out by CEC 25/04/08 Note the scope should be extended to include the walkway beneath the steps/station concourse.	SDS	25/04/08
Graham's undertaking the Archaeology survey on CAH. <b>tie</b> to formally instruct.	MP	A.S.A.P.
<b>1.2 Haymarket Station Access via Verity House</b> <b>tie</b> (DS) to instruct SDS Design still to be completed. As-built Information still outstanding from N/Rail. In the short term a temporary design may be required to allow access.	DS	On Going
<b>1.3 Gogar Surcharge</b> Gogarburn Technical approval drawings ready for 18/04 (Bridge) SDS state soil from depot adequate for embankment works and well as surcharging BBS to provide Soil testing to confirm if able to use excavated material from depot	KS	On going
<b>1.4 Haymarket Viaduct</b> <b>tie</b> to instruct BBS to commence planning & Order critical in advance of contract signature to allow at risk. Considered under main agenda	Closed	
<b>1.5 Demolition Warrants</b> Status of Applications for other Buildings KS to provide matrix	BBS	A.S.A.P.
	<b>tie</b>	Ongoing
	SDS	Ongoing

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	<b>1.6 Russell Road Bridge</b> tie to instruct BBS to appoint Piling Contractor & Order Re-bar in advance of contract signature to allow at risk. Considered under main agenda	tie	Ongoing
2	<b>Updates from Previous week</b> <b>2.1 A+C Haymarket Viaduct and Russell Road Bridge</b> There was general discussion on the Haymarket viaduct with new actions as above.  BBS queried the concept of tie providing a partial instruction to commence. tie clarified that the intention was to facilitate BBS commencement of works in line with the BBS programme. tie further clarified that this was not instructing BBS to carry out works in a different order to their original proposal.  The previous action therefore stands as tie requires BBS to highlight programme critical activities and their dependencies which presently fall outwith the latest programme for contract signature and commencement.  BBS noted that administration of the instruction packages is critical as all necessary information must be available before commencement e.g. The Final update to the Residual Risk Register is presently linked to IFC drawings.  <b>2.2 B- Verity House Access</b> Update covered under Actions Arising	BBS  tie	A.S.A.P.  noted
3	<b>Other Issues</b>		
3.0	<b>Programme General</b> tie again underlined to BBS that the BBS contract is based on V26 of the SDS Programme. SDS are now working to V30b. Any SDS programme dates which differ between V30 and V26 which are critical to meet the BBS programme have been adjusted and are detailed in the mitigation plan which will be appended to V26 in the signed contract.  It was agreed at the meeting of the 16 <sup>th</sup> that this forum would concentrate only on SDS dates critical to the BBS programme. BBS were to share internally the mitigation plan so as the adjusted dates were referred to.  BBS passed across schedule of TQs and copies of 3130,3149, 3155, 3171,3172,3173,3174,3197, 3198, 3203,3218, 3237 which BBS consider either unanswered and critical or not answered fully. tie to review	Note  tie	  30/04/08
3.1	<b>Structural Steelwork Design for the Depot</b> This is an activity detailed on the Mitigation Plan SDS requires information from BBS and CAF to confirm loadings on the steel and finalise the steelwork design.  BBS to interrogate the Detailed design drawings in the Data Room and confirm required information annotated in box outs or bubbles. BBS to meet with Steelwork designer to confirm all information required is adequate to inform a final design which meets constructability requirements.	BBS  BBS/SDS	A.S.A.P.  to follow
3.2	<b>Russell Road Retaining Wall</b> BBS expected design from SDS V26 on 15 <sup>th</sup> April. V30 shows IFC delivery n 18 <sup>th</sup> July 08. Not critical however site clearance is due to commence on the 15 <sup>th</sup> May so site clearance drawings will be required with adequate time to facilitate this activity.	All	note
3.3	<b>Section 1B - Roadworks</b>		

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	V26 shows 28 <sup>th</sup> March Delivery, V30 and mitigation Plan shows 5 <sup>th</sup> July. BBS programme shows commencement 1 <sup>st</sup> August this allows 28 days. All note that 28 days is also the period required for neighbour notifications hence care should be taken not to compress this period any further.	All	note
<b>3.4</b>	<b>Haymarket Viaduct</b> As discussed under 1.1, 1.4 and 2		
<b>3.5</b>	<b>Alignment design for Siemens OLE design</b> SDS requested clarification on which element alignment this item refers to. BBS confirmed it was the horizontal and vertical track alignment. SDS confirmed the alignment is in the data room and can be provided electronically. Not on mitigation plan <b>tie</b> queried criticality. BBS to confirm durations and lead ins for this activity.	BBS	30/04/08
<b>3.6</b>	<b>Progress on the Roseburn Street Viaduct</b> BBS requested that it be specifically minuted that BBS require clarification on status of Roseburn Street VE and raise concern at potential to alter proposal when there is a design with most approvals in place.	<b>tie</b> Note	30/04/08
<b>3.7</b>	<b>Tram Stop Design</b> Noted that Balfour Street, Macdonald Road, St Andrew square, Shandwick place, Saughton Road and Gogarburn by V26 were all due between 14 <sup>th</sup> March and 28 <sup>th</sup> March these have not yet been delivered		
<b>4</b>	<b>A.O.B.</b>		
<b>4.1</b>	<b>Traffic Modelling</b> – BBS/tie meeting to agree scope of work required	note	
<b>4.2</b>	<b>SDS survey data</b> <b>tie</b> /BBS consider response to TQ unacceptable. BBS require details and locations of all Bench marks and Permanent Ground Markers AD stated that all details should be on the topographical layer of the model SDS to provide AD noted that MUDFA are procuring a full topo survey of the route to confirm the Dynamic Kinetic Envelope (DKE) and ensure all utilities have been found and cleared.	SDS	30/04/08
<b>4.3</b>	<b>Section 7</b> SDS confirmed that the detailed design for the Bridge and the pre –load at the Gogar Burn have been delivered. BBS queried ownership of material from within limits of deviation presently being removed from behind the existing airport fence line by the airport’s fencing contractor. This material could potentially be used for surcharge. <b>tie</b> to enquire with BAA	<b>tie</b>	30/4/08
<b>4.4</b>	<b>RBS Hoarding</b> <b>tie</b> confirmed that this is being erected by others	closed	
<b>4.5</b>	<b>Scotrail Depot</b> Sewer connections, BBS queried whether the sewer connection would require to be made by Infracore or whether BBS would be required to carry this out. SDS confirmed that it would be Infracore as embankment works require to be carried out first.		
<b>4.6</b>	<b>A8 Underpass</b> BBS queried development of permanent works design around the BT bank of ducts as this influences what temporary works are required. SDS that they are awaiting confirmation from BT of the piling proximity dimension this is expected to be either 1 or 0.5m. SDS to provide update by next meeting	SDS	30/4/08
<b>5.0</b>	Date of Next Meeting 30 <sup>th</sup> April 2008 in the Brunel room 2 <sup>nd</sup> Floor Citypoint		

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