

DCS

# Technical Quality Review Record

Q2[DCS]-351-FM1

## Instructions

For further information on the Technical Review process, refer to the [Technical Quality Review Procedure – DCS Q2\[DCS\]-351-PR1](#) and the [Technical Quality Review Job Aid – DCS Q2\[DCS\]-351-WI2](#).

**Note:** All signatures will be in digital format due to remote working

|                              |  |                  |  |                            |                      |
|------------------------------|--|------------------|--|----------------------------|----------------------|
| <b>Project Details</b>       |  |                  |  | <b>TQRR No. (Optional)</b> | 01                   |
| <b>Project No.</b>           |  | 60663052         |  | <b>Delivery Date</b>       | 4-Mar-22             |
| <b>Project Name</b>          |  | MAG-BUILDING 402 |  | <b>PM Name</b>             | Vin Bamford          |
| <b>Client/Client POC</b>     |  | Duncan Seward    |  | <b>Comments Due By</b>     | Click to enter date. |
| <b>Technical Lead</b>        |  | Vin Bamford      |  | <b>TQR Team Assigned</b>   |                      |
| <b>Title of Work Product</b> |  | For Planning     |  |                            |                      |

  

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|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type</b> | <input type="checkbox"/> Calculation Check (complete <a href="#">Calculation Review Checklist - DCS</a> - required).<br><input type="checkbox"/> Independent Peer Review (IPR).<br><input type="checkbox"/> Biddability / Contract Documents Review.<br><input type="checkbox"/> Subconsultant, Client, or Third-Party Information Review.                                                                                               | <input type="checkbox"/> Constructability Review.<br><input type="checkbox"/> Interdisciplinary Review.<br><input type="checkbox"/> Discipline Review.<br><input type="checkbox"/> Technical Approach and solution review.<br><input type="checkbox"/> Specification Package Review.<br><input type="checkbox"/> Contract Document Review.                                                           | <input checked="" type="checkbox"/> Other: (e.g. Construction Services documentation)<br>For Planning                                                                                                                                                                                                                                          |
|             | <input type="checkbox"/> Appropriate budget, schedule and resources.<br><input type="checkbox"/> Soundness of approach/design.<br><input type="checkbox"/> Technical risk and mitigation.<br><input type="checkbox"/> Validation of assumptions.<br><input type="checkbox"/> Conformance with standards and regulatory requirements.<br><input type="checkbox"/> Check of calculations.<br><input type="checkbox"/> Client input review. | <input type="checkbox"/> Review of client, sub and third-party information.<br><input type="checkbox"/> Edit for elements such as grammar, punctuation, formatting and graphics.<br><input type="checkbox"/> Adequacy of Statements of Limitations.<br><input checked="" type="checkbox"/> Verify technical solution.<br><input type="checkbox"/> Basis and validity of conclusion / recommendation. | <input checked="" type="checkbox"/> Check of drawings and graphics.<br><input type="checkbox"/> Compliance with scope.<br><input type="checkbox"/> Organization, clarity and completeness.<br><input type="checkbox"/> Specification Review.<br><input type="checkbox"/> Contract Document Review.<br><input type="checkbox"/> Other: Specify. |

  

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|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------|----------------------------|---------------------------------------------------------------------------------------|-------------|
| <b>Checking (Required for All projects)</b> | For "Format" columns, type N (None), HC (Hard Copy), EF (Electronic File – add network link), or RCF (Review Comment Form). |                                         |                              |                            |                                                                                       |             |
|                                             | <b>Discipline</b>                                                                                                           | <b>Description (Calc/Rpt/Dwg/Specs)</b> | <b>Format / Network Link</b> | <b>Originator Initials</b> | <b>Reviewer/Checker Signature</b>                                                     | <b>Date</b> |
|                                             | Civils                                                                                                                      | Planning deliverables for Building 402  |                              | JDL                        |  | 04/03/22    |

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                        | <div style="margin-bottom: 10px;">  60663052-ACM-402-XX-RP-AR-00001 AIA.pdf<br/>  60663052-ACM-402-XX-RP-BS-00001 - Utilities Strategy Report.pdf<br/>  60663052-ACM-402-XX-RP-C-00001-Drainage Strategy.pdf<br/>  60663052-ACM-402-XX-RP-C-00002 Level 2 Flood Risk Assessment.pdf<br/>  60663052-ACM-402-XX-RP-E-00001 - External Lighting Strategy.pdf<br/>  60663052-ACM-402-XX-RP-EC-00001 - PEAR.pdf<br/>  60663052-ACM-402-XX-RP-G-00001 Manchester Airport B402 Geoenv Desk Study.pdf<br/>  60663052-ACM-402-XX-RP-U-00001_TransportStatementV1.0.pdf<br/>  60663052-ACM-402-XX-RP-U-00002_TravelPlanV1.0.pdf </div> <p>Reviewer/Checker signature above indicates verification of the accuracy and completeness of the work product and Reviewer/Checker comments have been incorporated, including subsequent or new comments; further, Reviewer is not an Originator of the work product.<br/> *For additional disciplines/reviewers/deliverables attach a table to this TQRR with the above content.</p> |
| Verification (Required for C3, C2, C1 and C0 projects) | <p>Lead Verifier signature indicates confirmation the work product is complete and in accordance with the technical approach/solution.</p> <p><b>Lead Verifier Select One:</b></p> <p><input checked="" type="checkbox"/> Lead Verifier has verified that review(s) have been adequately completed and documented. There are no outstanding issues.<br/> <b>or</b><br/> <input type="checkbox"/> Lead Verifier has verified that review(s) have been adequately completed and documented, except for unresolved items (items not impacting adequacy of submittal). Any unresolved items have been submitted to the Project Manager or Designee for final resolution.</p>                                                                                                                                                                                                                                                                                                                                             |
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|                                                        | <div style="display: flex; justify-content: space-between;"> <div style="width: 60%; border-bottom: 1px solid black; padding-bottom: 5px;">Lead Verifier Signature</div> <div style="width: 35%; border-bottom: 1px solid black; padding-bottom: 5px;">4-Mar-22</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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|                                                      | <b>Lead Verifier Signature</b>                                                                                                                                                                                                                                                |                                                                                                                                      | <b>Date</b>                   |
|                                                      |                                                                                                                                                                                                                                                                               |                                                                                                                                      | Click or tap to enter a date. |
|                                                      | <b>Lead Verifier Signature</b>                                                                                                                                                                                                                                                |                                                                                                                                      | <b>Date</b>                   |
| <b>Approval<br/>(Required for All<br/>projects)</b>  | <input type="checkbox"/> Confirmation the deliverable has been reviewed for overall completeness, compatibility and conformance with scope and other contract requirements; all applicable reviews have been completed and deliverable is ready for submission to the client. |                                                                                                                                      |                               |
|                                                      |                                                                                                                                                                                                                                                                               |                                                                                                                                      | 11-Nov-21                     |
|                                                      | <b>Project Manager Signature</b>                                                                                                                                                                                                                                              |                                                                                                                                      | <b>Date</b>                   |
|                                                      |                                                                                                                                                                                                                                                                               |                                                                                                                                      | Click or tap to enter a date. |
| <b>Independent<br/>Peer Review<br/>(C0 projects)</b> | <b>Project Quality Manager Signature (If not performed by LV or PM)</b>                                                                                                                                                                                                       |                                                                                                                                      | <b>Date</b>                   |
|                                                      | Comments have been provided on:                                                                                                                                                                                                                                               | <input type="checkbox"/> Directly on work product (electronic or on hard copy) <input type="checkbox"/> Comment and Disposition Form |                               |
|                                                      |                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Other (paste link to network file): Specify.                                                                |                               |
|                                                      |                                                                                                                                                                                                                                                                               |                                                                                                                                      | Click or tap to enter a date. |
|                                                      | <b>Independent Peer Reviewer Signature (as applicable)</b>                                                                                                                                                                                                                    |                                                                                                                                      | <b>Date</b>                   |
| <b>DISTRIBUTION</b>                                  | Project Central File – Quality File Folder                                                                                                                                                                                                                                    | Other – Specify:                                                                                                                     | Enter names here.             |