

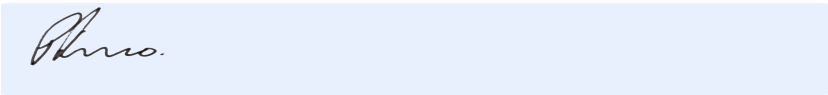
BSBPMG519

MANAGE PROJECT STAKEHOLDER ENGAGEMENT

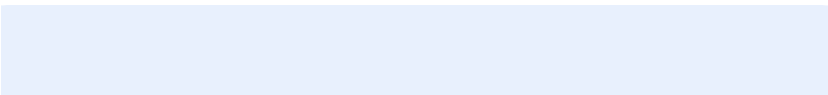
PRACTICAL ASSESSMENT INSTRUCTIONS

- The following practical assessment will require the participant to complete work related activities.
- Observations will be conducted of the participant's work to determine whether they display sufficient practical skills and knowledge.
- Please fill in the details below, providing your name, signature and date of assessment.
 - Your signature acknowledges that the assessor provided clear instructions and the participant understood what was required to complete this assessment.
- The assessor may substitute a Practical Task with another task of equal value.
 - Alternate tasks must be fully documented by the assessor.

Participant name Paul Russo

Participant signature 

Assessor name _____

Assessor signature 

Date [Click here to enter a date.](#)

Number of tasks	Number of tasks completed	Satisfactory?	
		Yes	No
1		☐	☐

ASSESSOR COMMENTS

BSBPMG519

MANAGE PROJECT STAKEHOLDER ENGAGEMENT

Practical Task 1	
Description of task: A suitable observer is to verify the participant's ability to manage stakeholder relationships. These tasks may be simulated or real. The participant is to gather evidence of how they have completed each component of the Practical Task, which is to be submitted with this Practical Assessment sheet. The observer is to provide detailed comments on the tasks completed by the participant. The assessor is to verify the observer's comments in the Assessor Comments section, and provide the Practical Assessment outcome on the front cover of this document.	
Resources required: Project documentation.	
Assessment of task	
Name of participant:	Paul Russo
Name of observer:	Nick Brockhurst
Role of observer (Confirm suitability to sign)	Project Engineer
Email address of observer	Nick.brockhurst@cbgujv.com.au
Signature of observer:	
Date:	Click here to enter a date.
When completing the task, did the participant:	
1 Identify and address stakeholder interests	
1.1A. Identify stakeholders relevant to project objectives.	☐
1.1B. Segment stakeholder interests and determine forms of engagement	☐
1.1C. Consider interests of stakeholders when considering and advising on project management issues.	☐
1.1D. Identify and implement actions to address differing interests where required.	☐
2 Manage effective stakeholder engagement	
1.2A. Support development of team members' interpersonal skills in effective stakeholder engagement.	☐
1.2B. Distribute team work effectively to ensure defined project roles are followed.	☐
1.2C. Identify and clarify stakeholder behavioural expectations, where required.	☐
1.2D. Openly lead stakeholder performance reviews.	☐
1.2E. Identify and address individual development needs and opportunities to support stakeholder engagement.	☐

Appendix 1 - Addressing stakeholder issues

Appendix 2 - Implementation of reinforcement ordering process to project stakeholders

Appendix 3 - Review of reinforcement supplier's (stakeholder) delivery

Appendix 2 - Implementation of reinforcement ordering process to project stakeholders

Appendix 4 -
Non-compliance
report send to all
required
stakeholders on
the project

3 Manage stakeholder communications		
1.3A.	Determine and document stakeholder communication needs.	☐
1.3B.	Ensure relevant stakeholders agree to communication method, content and timing of engagement.	☐
1.3C.	Communicate information as planned and in line with authority levels, identifying and addressing variances.	☐
The participant's performance was:		☐ Satisfactory ☐ Not Satisfactory

OBSERVER COMMENTS

1.1A – 1.1D

The provided email trail is evidence of Paul addressing stakeholder (in this case the project independent certifier) queries while engaging other stakeholders (the project designer, Robert Bird Group).

1.2A – 1.2C, 1.2E

Paul has implemented a procedure for the ordering of reinforcement which factors in multiple stakeholders along the way. There is clear definition of the roles & expectations.

1.2D

A stakeholder performance review (in this case, the reinforcement supplier) has been undertaken noting the inefficiencies of a particular delivery of reinforcement

1.3A – 1.3C

The non-compliance product report completed by Paul is communicated to and contributed to all of the required stakeholders with varying interests. Relevant stakeholders are able to raise queries regarding the non-compliance report where necessary.

Appendix 1 - Addressing stakeholder issues

Russo, Paul

From: Austin, James <James.Austin@app.com.au>
Sent: Thursday, 17 June 2021 11:48 AM
To: Russo, Paul
Cc: Walker, Ben; Purcell, Joel; Tresider, Warren; Church, Rory; Eustace, David
Subject: RE: Cell 2 -W11 and W12 Repair of Slurry on top of wall area

CAUTION: This email originated from outside of the Organisation.

Hi Paul,

I note the advice from RBG below. Can you please get this advice in regards to the approved rectification into an NCR asap. Prior to repairs being completed.

I note that the Fosroc Renderoc HB70 Plus Technical Data sheet is to be followed including; Preparation; Substrate Priming; Mixing; Application;

For finishing and curing I would avoid a steel trowel finish and slightly roughen the surface of the repair and use a wet hessian cure rather than curing membrane.

Please ensure a WP is raised for the repair prep and application.

Regards,



James Austin | CRR Project Independent Certifier's SPE | Cross
River Rail Project | APP/SMEC/ARCADIS | Level 3 North Tower, 339
Coronation Drive, Milton QLD 4064 | Mobile 0406 484 042

app.com.au

CLIENT CHOICE AWARDS
2020 FINALIST endorsed by sponsored by

This email and any files transmitted with it is confidential and intended solely for the use of the individual to whom it is addressed. If you have received this email in [error](#) please inform the postmaster@app.com.au or the sender.

From: [Russo, Paul](#)
Sent: Thursday, 17 June 2021 7:05 AM
To: [Austin, James](#)
Cc: [Walker, Ben](#); [Purcell, Joel](#); [Tresider, Warren](#); [Church, Rory](#); [Eustace, David](#)
Subject: FW: Cell 2 -W11 and W12 Repair of Slurry on top of wall area

Hi James,

See below RBG endorsement for the use of HB70+ for the repairs of W11 & W12.

NCR to follow which will formalise the below.

Regards

Paul Russo
Project Engineer



91 Leopard Street, Woolloongabba, QLD 4102, Australia
T +0417 247 069 M 0417 247 069
E Paul.Russo@cbgujv.com.au
Rory

From: Greg HOGG <Greg.Hogg@robertbird.com.au>

Sent: Wednesday, 16 June 2021 4:53 PM

To: Church, Rory <Rory.Church@cbgujv.com.au>; Michael BARKER <michael.barker@robertbird.com.au>

Cc: Tresider, Warren <Warren.Tresider@cbgujv.com.au>; Walker, Ben <Ben.Walker@cbgujv.com.au>; Wiese, Mark <Mark.Wiese@cbgujv.com.au>; Purcell, Joel <Joel.Purcell@cbgujv.com.au>

Subject: RE: Cell 2 -W11 and W12 Repair of Slurry on top of wall area

CAUTION: This email originated from outside of the Organisation.

Hi Rory

I have reviewed Renderoc LA55 product and confirm it is acceptable for the repairs proposed subject to the following:

- Used on internal 300mm thick walls only
- Repair depths 50-100mm
- Length of repairs maximum 3m, typically less
- It is to be installed in accordance with Fosroc recommendations including substrate preparation.

As per attached I note that LA55 it is not currently on the TMR approved list but is technically suitable for the application proposed.

Renderoc HB70 Plus can also be used, but is placed differently to LA55.

Regards

Greg Hogg
SENIOR ASSOCIATE

Level 1, Kingsgate
480 St Pauls Terrace
Fortitude Valley, Brisbane, Qld, 4006, Australia
Phone: 07 3319 2777
Fax: 07 3319 2799
Website: www.robertbird.com



IMPORTANT NOTICE TO OUR CLIENTS, VISITORS AND SUPPLIERS: Robert Bird Group makes the health and wellbeing of our communities, clients and employees a priority. We are taking positive and proactive steps to protect our staff, company, clients and our communities. Whilst the world is combatting the spread of coronavirus, with government restrictions

on workplaces and travel, we have measures in place to deal with the current impacts of this; including our staff working fully remotely which enables us to continue to deliver on our projects as a top focus. We remain available for contact via email, phone or videoconference through this period. Thank you for your cooperation and understanding as we strive to combat the spread of this global pandemic .

The contents of this email, including any attachments, are intended solely for the use of the individual or entity to whom they are addressed. If you are not an intended recipient, please contact us immediately by return email and then delete both messages. You may not otherwise read, forward, copy, use or disclose this email or any attachments. Any views expressed in this email are those of the individual sender except where the sender expressly, and with authority, states otherwise. It is your responsibility to check any attachments for viruses or defects before opening or sending them on. None of the sender or its related entities accepts any liability for any consequential damage resulting from this email containing computer viruses.

From: Church, Rory <Rory.Church@cbgujv.com.au>

Sent: Wednesday, 16 June 2021 10:13 AM

To: Michael BARKER <Michael.Barker@robertbird.com.au>; Greg HOGG <Greg.Hogg@robertbird.com.au>

Cc: Tresider, Warren <Warren.Tresider@cbgujv.com.au>; Walker, Ben <Ben.Walker@cbgujv.com.au>; Wiese, Mark <Mark.Wiese@cbgujv.com.au>; Purcell, Joel <Joel.Purcell@cbgujv.com.au>

Subject: FW: Cell 2 -W11 and W12 Repair of Slurry on top of wall area

This Message Is From an External Sender

This message came from outside your organization.

Hi Michael/Greg,

Please see attached the three photos (IMG 4613, 4614, 4615) after the slurry has been broken off Wall 11 and Wall 12. Aggregate can be seen in the concrete. The Contractor has proposed to use Fosroc renderoc LA55 (micro concrete) to repair this to bring it back up to level with the surrounding concrete before next lift of the jump is poured.

Could please advise if this is acceptable material to use as a repair product. The TDS shows a 7 day strength of 42 MPA and 28 day strength of 60Mpa. This is relatively similar to the HWC concrete substrate. The substrate isn't primed but need to be pre soaked with water for 3-4 hours.

Regards

Rory

From: Church, Rory

Sent: Tuesday, 15 June 2021 8:16 AM

To: Michael BARKER <michael.barker@robertbird.com.au>

Subject: FW: Cell 2 -W11 and W12

From: Tresider, Warren <Warren.Tresider@cbgujv.com.au>

Sent: Tuesday, 15 June 2021 7:34 AM

To: Church, Rory <Rory.Church@cbgujv.com.au>

Cc: Purcell, Joel <Joel.Purcell@cbgujv.com.au>; Russo, Paul <Paul.Russo@cbgujv.com.au>; Walker, Ben <Ben.Walker@cbgujv.com.au>; Wiese, Mark <Mark.Wiese@cbgujv.com.au>

Subject: FW: Cell 2 -W11 and W12

Rory,

See below, Ross has said this morning that this needs to be infilled before the next pour. Can you please advise method we need to fill.

Regards

Warren Tresider

Site Manager



91 Leopard Street, Woolloongabba, QLD 4102, Australia

T +0417 127 238 M 0417 127 238

E Warren.Tresider@cbgujv.com.au

From: Tresider, Warren

Sent: Tuesday, 15 June 2021 7:30 AM

To: Ross - Heinrich <ross@heinrichconstructions.com.au>

Cc: Eustace, David <David.Eustace@cbgujv.com.au>; Purcell, Joel <Joel.Purcell@cbgujv.com.au>; Wiese, Mark <Mark.Wiese@cbgujv.com.au>; Walker, Ben <Ben.Walker@cbgujv.com.au>

Subject: FW: Cell 2 -W11 and W12

Ross,

As discussed this will need to be removed.

Regards

Warren Tresider

Site Manager



91 Leopard Street, Woolloongabba, QLD 4102, Australia

T +0417 127 238 M 0417 127 238

E Warren.Tresider@cbgujv.com.au

From: Eustace, David <David.Eustace@cbgujv.com.au>

Sent: Monday, 14 June 2021 5:29 PM

To: Tresider, Warren <Warren.Tresider@cbgujv.com.au>; Purcell, Joel <Joel.Purcell@cbgujv.com.au>

Subject: Cell 2 -W11 and W12

Warren,

I have marked lines from the corner out on W11 and W12. See photos.

Dave.

Get [Outlook for iOS](#)

Appendix 2 - Implementation of reinforcement ordering process to project stakeholders

Russo, Paul

From: Russo, Paul
Sent: Tuesday, 22 June 2021 4:44 PM
To: Jeff Bedsor; Ross - Heinrich; Clarke, Sophie; Rykiert, Patrick; Walker, Ben
Cc: Tresider, Warren; Wiese, Mark; Purcell, Joel; Russell, Chris; Church, Rory; Abeya, Adrian
Subject: Woolloongabba Station - Reinforcement Ordering/Scheduling Process
Attachments: PROCESS FOR ORDERING REINFORCING STEEL AT WOOLLOONGABBA STATION.docx

Hi All,

Attached is the process that we will be following for the ordering & review of Infrabuild reinforcement schedules.

The implementation of this process is a necessary requirement to help with traceability & control of reinforcement schedules

As the process improves we can refine & tweak as necessary to make this less cumbersome.

Please give me a call if there are any queries.

Regards

Paul Russo

Project Engineer



91 Leopard Street, Woolloongabba, QLD 4102, Australia

T +0417 247 069 **M** 0417 247 069

E Paul.Russo@cbgujv.com.au

Appendix 2 - Implementation of reinforcement ordering process to project stakeholders

PROCESS FOR ORDERING REINFORCING STEEL AT WOOLLOONGABBA STATION

PRy: Patrick Rykiert

PR: Paul Russo

BW: Ben Walker

SC: Sophie Clarke

RC: Rory Church

CRRTSD Woolloongabba Engineer – SC/BW/PRy

CRRTSD Woolloongabba Representative (PR)

1. CRRTSD Woolloongabba Engineer (SC/BW/PRy) email Infrabuild to request a production schedule/code for a structural element. Engineer to CC CRRTSD Woolloongabba Representative (PR) in request.
2. Infrabuild generate a production schedule/code for that element in the request and send to CRRTSD Woolloongabba Engineer (SC/BW/PRy)
3. CRRTSD Woolloongabba Representative (PR) send the production schedule/code to Heinrich Constructions Pty Ltd.
4. Heinrich Constructions send to IPR Contractors for review
5. IPR Contracting review production schedule/code
 - 6a IPR Contracting review production/schedule/code has comments, IPR Contracting liaise with Infrabuild reinforcing scheduler, CC to CRRTSD Woolloongabba Engineer (SC/BW/PRy) by email/phone to revise production schedule/code. Infrabuild send revised production schedule /code to IPR for review and approval. IPR Contracting review production schedule/code and approve production schedule/code.
 - 6(b) IPR Contracting review production schedule /code, have no comments and approve production schedule/code.
6. Once IPR Contracting approve of the production schedule/code, IPR Contracting send the production schedule/code to Heinrich Constructions.
7. Heinrich Constructions send approved production schedule/code to CRRTSD Woolloongabba Representative (PR), CC to CRRTSD Woolloongabba Engineer (SC/BW/PRy)
8. CRRTSD Woolloongabba Representative/Engineer sends approved production schedule/code to Infrabuild.
9. Infrabuild add a Schedule number to the Production schedule/code and send back to CRRTSD Woolloongabba Representative.

10. CRRTSD Woolloongabba Representative send approved Schedule with the production schedule/code to Heinrich Constructions. This is the schedule which is to be claimed against.

Appendix 3 - Review of reinforcement supplier's (stakeholder) delivery

Russo, Paul

From: Russo, Paul
Sent: Friday, 23 July 2021 5:08 PM
To: Russell, Chris; Purcell, Joel; Tresider, Warren
Subject: C18 Column Reinforcement - Timeline of Delivery

Gents,

Outline of B4 C18 column reinforcement up until today

- Schedules for escalator pit requested by CBGU on 22/6
- Schedules for escalator pit provided by Infrabuild on 24/6 (9pm)
- Schedules sent to Heinrich for review on 25/6
- Schedules sent back to CBGU from Heinrich on 27/6 with numerous comments regarding scheduling issues.
- Schedules sent back to Infrabuild for amendment/fixing on Monday 28/6 7am
- Revised scheduled provided to CBGU 28/6 12pm
- On Friday 16/7 6AM CBGU sent an email to Infrabuild asking if there was a section on the pile cap under C18 that hadn't been scheduled (it was suspected that this was the case)
- Infrabuild provided product code 471 for the additional C18 column foundation reo 16/7 12pm.
- CBGU sent to Heinrich to review at 2:30pm, 16/7
- Heinrich provided approval of schedule on 16/7 5:30pm
- CBGU sent approved schedule (1.8t) to Infrabuild in teambinder on 19/7 7:30am
- Best delivery Infrabuild can do for 1.8t of bars which were missed during scheduling was for 23/7 AM
- Bars did not show up this morning
- Spoke to Clayton Steele at 10:30am. Advised me that the bars had not even been produced yet
- Clayton sent email at 11:30am advising that bars would not be produced today. Would be produced tonight for a delivery Monday
- Clayton sent an email at 12:30 advising the bars will be delivered at 4pm today

Regards

Paul Russo

Project Engineer



91 Leopard Street, Woolloongabba, QLD 4102, Australia
T +0417 247 069 **M** 0417 247 069
E Paul.Russo@cbgujv.com.au

Appendix 4 - Non-compliance report send to all required stakeholders on the project



Non Conformance Report

NCR Reference No: TSD-NCR-CBGU-000271

Status: CLOSED-OUT

For Action:

Daniel Plamenac, Hatch Pty Ltd
 Shane Liddle, Hatch Pty Ltd
 Choon (William) Tan, CBGU Joint Venture [Role: Gabba Stn CT Review NCR/RFI]
 Chris Power, CBGU Joint Venture [Role: Gabba Stn CT Review NCR/RFI]
 Frank Catrastellero, WW Surveys Pty Ltd [Role: Gabba Stn CT Review NCR/RFI]
 Leover Polestico, CBGU Joint Venture [Role: Gabba Stn CT Review NCR/RFI]
 Moiz Arbaz, CBGU Joint Venture [Role: Gabba Stn CT Review NCR/RFI]
 Nick Brockhurst, CBGU Joint Venture [Role: Gabba Stn CT Review NCR/RFI]
 Paul Russo, CBGU Joint Venture [Role: Gabba Stn CT Review NCR/RFI]
 Peter Liebrich, CBGU Joint Venture [Role: Gabba Stn CT Review NCR/RFI]
 Phillip Pettet, CBGU Joint Venture [Role: Gabba Stn CT Review NCR/RFI]
 Rory Church, CBGU Joint Venture [Role: Gabba Stn CT Review NCR/RFI]
 Shannon Jones, CBGU Joint Venture [Role: Gabba Stn CT Review NCR/RFI]
 Wade McHarg, CBGU Joint Venture [Role: Gabba Stn CT Review NCR/RFI]
 Andrew Richmond, CBGU Joint Venture [Role: Stn CPS Review NCR/RFI]
 Cansu Esmer, CBGU Joint Venture [Role: Stn CPS Review NCR/RFI]
 Lucas Surka, CBGU Joint Venture [Role: Stn CPS Review NCR/RFI]
 Tom Butterworth, CBGU Joint Venture [Role: Stn CPS Review NCR/RFI]
 Willy Liew, EIC Activities [Role: Stn CPS Review NCR/RFI]
 Yann Martin, CBGU Joint Venture [Role: Stn CPS Review NCR/RFI]
 Andrea Lawton, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Andrew Gardner, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Anko Griffioen, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Ben Ringrose, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Farshad Rezani, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Hossein Mousavi, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Michael Barker, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Michael Di Sipio, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Patrick Lancaster, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Richard Valenti, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Rob Dragwidge, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Scott Williams, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Willy Huang, Robert Bird Group [Role: RBGT Design Review RFI/NCR]
 Andrew Bertelsen, Arcadis / APP [Role: PIC Review NCR & RFI]
 Claudio Valenca, Arcadis / APP [Role: PIC Review NCR & RFI]
 Daphne Becquet Gonzales, Arcadis / APP [Role: PIC Review NCR & RFI]
 Forrester Ross, CBGU Joint Venture [Role: PIC Review NCR & RFI]
 Jai Lebby, Arcadis / APP [Role: PIC Review NCR & RFI]
 James Austin, Arcadis / APP [Role: PIC Review NCR & RFI]
 Leo Lee, Arcadis / APP [Role: PIC Review NCR & RFI]
 Philip Low, Arcadis / APP [Role: PIC Review NCR & RFI]
 Sean Jordan, Arcadis / APP [Role: PIC Review NCR & RFI]
 Steve Farrance, CBGU Joint Venture [Role: PIC Review NCR & RFI]
 Chris Joyce, Cross River Rail Delivery Authority [Role: DA Review NCR]
 Duminda Ranaweera, Cross River Rail Delivery Authority [Role: DA Review NCR]
 Ivy Teh, Cross River Rail Delivery Authority [Role: DA Review NCR]
 Joe Rogers, Cross River Rail Delivery Authority [Role: DA Review NCR]
 Kelly Pearson, Cross River Rail Delivery Authority [Role: DA Review NCR]
 Mark Drobitko, Cross River Rail Delivery Authority [Role: DA Review NCR]
 Tayfe Hamwi, Cross River Rail Delivery Authority [Role: DA Review NCR]
 Tracie Fong, Cross River Rail Delivery Authority [Role: DA Review NCR]
 Rebecca Tait, CBGU Joint Venture [Role: Gabba Stn QA Review NCR]

For Info: Danielle Merrick, Arcadis / APP
Document Control, Cross River Rail Delivery Authority
Greg Cameron, Pulse - Project Co
Neil Robinson, RGB Assurance - ISA

Project: Cross River Rail - Tunnels & Stations Development - Delivery Project

Subject: **Woolloongabba Station - B9 Sump Wall Positioning**

The external wall SW16 in the main station sump has been excavated to the incorrect position. Due to the excavated face, a wall thickness of 650mm (minimum thickness 700mm) is achievable on SW16.

Attachments: B9 Sump Wall NCR.pdf

Specification Requirements:

CRRTSD-000-0404-SPE-CBGU-1470-000200

Proposed Corrective Actions:

The internal face of SW16 to be shifted 50mm to the north to achieve the minimum design thickness of 700mm. The internal face of SW15 to be shifted 50mm to the west to compensate for the holding capacity of the sump. It is noted that the overpour zone for this wall is 100mm and as such, the design thickness of this wall is not compromised.

Refer to attachment for clarity.

Zone: 410 - Woolloongabba Station

Design Package: 410-0450 - Underground Primary Structure,

Construction Team: CT-150 - Gabba - Stations

Engineering Team: ET-130 - Stations

Design Team: DT-100 - Robert Bird

Origin of NCR: 010 - Internal

NCR Owner / Responsible Person: Paul Russo, CBGU Joint Venture

NCR by: Paul Russo, CBGU Joint Venture

On: 21 January 2021

Created By: Paul Russo, CBGU Joint Venture

On: 21 January 2021, 05:10:29 PM
+11:00

Last Edited By:

On:

01 - Lot Information

Lot No	Title	Process	Sub Process	From Chainage	To Chainage
TSD-410-STR-ISRC-000041	Woolloongabba Station - B9 Main Sump Pit Walls	STR	STR-ISRC	0.000	0.000

02 - Investigation

The external wall SW16 in the main station sump has been excavated to the incorrect position. Due to the excavated face, a wall thickness of 650mm (minimum thickness 700mm) is achievable on SW16.

Time Line of Events:

Detailed Root Cause Description:

The excavation model has not accounted for the addition of shotcrete on the excavated walls on the sump. The addition of shotcrete was a design change to compensate for the waterproofing detail around the sump walls. As such, wall SW16 was excavated 50mm too thin.

Remedial Action:

The internal face of SW16 to be shifted 50mm to the north to achieve the minimum design thickness of 700mm. The internal face of SW15 to be shifted 50mm to the west to compensate for the holding capacity of the sump. It is noted that the overpour zone for this wall is 100mm and as such, the design thickness of this wall is not compromised.

Refer to attachment for clarity.

Root Cause Category:

PP - People

Sub Root Cause Category:

PP01 - Poor Workmanship

NCR Range:

010 - \$0 - \$10K | 0 Days Critical
Path Delay | 0 - 5 Non Critical
Activity

Impact Classification:

C3 - Class 3

Proposed Disposition/Action:**Preventive Action:**

Updated design drawings to be issued to surveyor immediately upon receipt.

Proposed Date for Action Completion: 25 January 2021

Investigation by: Paul Russo, CBGU Joint Venture

On: 21 January 2021

Created By: Paul Russo, CBGU Joint Venture

On: 21 January 2021, 05:10:59 PM
+11:00

Last Edited By: Michael Bertelsen, CBGU Joint Venture

On: 04 May 2021, 11:23:08 AM +10:00

03 - Construction Review

No further comments from constructions. Changes to be captured on red-line mark up drawings. NCR can be closed.

Construction Review by: Paul Russo, CBGU Joint Venture

On: 21 January 2021

Created By: Paul Russo, CBGU Joint Venture

On: 21 January 2021, 05:10:59 PM
+11:00

Last Edited By: Paul Russo, CBGU Joint Venture

On: 02 March 2021, 04:38:16 PM +11:00

04 - Internal Review

Consultant Review Required?: Yes

Internal Review by: Cansu Esmer, CBGU Joint Venture

On: 22 January 2021

Created By: Cansu Esmer, CBGU Joint Venture

On: 22 January 2021, 09:02:05 AM
+11:00

Last Edited By: Cansu Esmer, CBGU Joint Venture

On: 22 January 2021, 09:02:05 AM
+11:00

05 - Consultant Review

Hi Cansu,

The repositioning of the walls is acceptable as proposed based on structural considerations.

Hatch will need to comment on whether this re-positioning has an effect on the sump.

The overall durability, level of service, quality, safety and design life of the combined system of structural components is not significantly affected by this local nonconformance.

Hi Cansu,

Hatch have no objection to the proposed location of the drainage.

Regards, Shane.

The works referenced in the NCR still meets the design intent including the required durability performance & design life requirements, based on the proposed disposition or/and any required rectification works required as detailed in the design response.

Engineering Review Certification: Yes

If No, then the following details are to be provided in the Engineering Requirements Below,

- Details on reduction of performance requirements
- Any additional maintenance requirements or restrictions to be agreed and captured in the O&M.

Engineering Requirement Details:

Consultant Review Response?: ACCCOM - Accepted Subject to Comments

Design Change Request Required?: No **Design Change Request Number?:**

Consultant Review by:	Anko Griffioen, Robert Bird Group	On: 27 January 2021
Created By:	Cansu Esmer, CBGU Joint Venture	On: 22 January 2021, 09:02:22 AM +11:00
Last Edited By:	Cansu Esmer, CBGU Joint Venture	On: 09 February 2021, 05:01:59 PM +11:00

06 - PIC Review

The PIC has reviewed the NCR and have no objection to the proposed remedial action to shift the internal face of SW16 50mm to the north to achieve the minimum design thickness of 700mm and to shift the internal face of SW15 50mm to the west to compensate for the holding capacity of the sump. This is based on the Designer's certification that the overall durability, level of service, quality, safety and design life of the combined system of structural components is not significantly affected by this local nonconformance.

Client Review Required?: No

PIC Review by:	James Austin, Arcadis / APP	On: 24 February 2021
Created By:	James Austin, Arcadis / APP	On: 24 February 2021, 07:45:30 AM +11:00
Last Edited By:	James Austin, Arcadis / APP	On: 24 February 2021, 07:45:30 AM +11:00

07 - Client Review

Client Review

Response?:

Client Review by:	On:
Created By:	On:
Last Edited By:	On:

08 - Remedial Cost Estimate

Remedial Action Cost Estimate (\$):**Remedial Action Recoverable Cost Estimate (\$):**

Remedial Cost Estimate by:	On: 21 January 2021
Created By: Paul Russo, CBGU Joint Venture	On: 21 January 2021, 05:10:59 PM +11:00
Last Edited By: Paul Russo, CBGU Joint Venture	On: 21 January 2021, 05:10:59 PM +11:00

09 - Remedial Action Completion

Sump constructed as per remedial action. NCR closed.

Date Completed: 08 March 2021	Cost Code: Q80379.22140 - Concrete - Supply
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NOTE: For the Minimum amount Refer to CMS Knowledge: "NCR Impact and Cause Table" - NCR Impact Classification Table

Total Cost to CPB + Total Cost to Others

Final Total Cost (minus) Recoverable Cost

Final Cost (\$):

Recoverable Cost - Actual (\$): 500.00

NOTE: Attach Verification Evidence of Close Out (i.e. Photo, Checksheet, etc)

Remedial Action Completion by:	Paul Russo, CBGU Joint Venture	On: 21 January 2021
Created By:	Paul Russo, CBGU Joint Venture	On: 21 January 2021, 05:10:59 PM +11:00
Last Edited By:	Michael Bertelsen, CBGU Joint Venture	On: 29 March 2021, 01:20:16 PM +11:00

10 - NCR Close out (by Quality Representative)

NCR Close out (by Quality Representative) by:	Michael Bertelsen, CBGU Joint Venture	On: 29 March 2021
Created By:	Michael Bertelsen, CBGU Joint Venture	On: 29 March 2021, 01:19:00 PM +11:00

