

<b>PROJECT:</b> Design & Build Package 4 - Green Line Underground		<b>PROJECT NO.:</b> M008	
<b>REVIEW SHEET NUMBER:</b> M008-ARC-ERS-00965		<b>DATE:</b> 7-Jun-17	
<b>ORIGINATOR:</b> PORR SGB HBK JV		<b>TRANSMITTAL NO. / DATE:</b> 29-May-17	
<b>DOCUMENT NO.:</b> M008-PSH-ARC-MAR-00904		<b>DISCIPLINE:</b> ARC	
<b>DOCUMENT TITLE:</b> Shelter Structures - Anchor Bolts		<b>DOCUMENT TYPE:</b> Material Approval	
<b>MATERIAL MANUFACTURER:</b> UAE/Germany/Metraam		<b>PREFERRED MATERIAL SUPPLIER:</b> Fijins	
<b>LOCATION OF MANUFACTURER:</b> Not Required		<b>LOCATION OF USE:</b> FOH	
<b>QCDD APPROVAL:</b> N/A		<b>SUPPLIER LOCATION:</b> BOH	
<b>CROSS APPROVAL:</b> N/A		<b>Stations/Structures</b> YES	
<b>Reference</b> N/A		<b>Tunnels</b> YES	
<b>DVE CERTIFICATE:</b> M008-PSH-ARC-CER-00965			
<b>Reply Code Legend</b>			
= Incorporated, i.e. evaluated and not incorporated for reason stated			
Reply Code: D&B Contractor/Other Party Reply			
Operator: Reply			
<b>Comment Code Legend (for individual comments):</b>			
1 = Action required for this issue			
<b>Reviewers' Comments (PM/CIC/PO, CTO):</b>			
<b>Status Code Legend:</b>			
C. SONO			
E. Fail/Not approved			
<b>Document Review Status Code:</b> C			
<b>PM/C Reviewer</b>			
Reviewer's Name	Position	Name	Date
Alexis Forgeau	Senior Architect	Eng. Jassim Mohammed Al Ansari	18.06/17
Reviewer 2 Name	Senior Architect	Engineer's Assistant	
Nemanja Mifovanovic	Senior Architect		
Reviewer 3 Name	Arch. Manager		
John Hiscocks	Arch. Manager		
<b>Reviewer 1 Name</b>		<b>Name:</b> Mohammed Timbely	<b>Date:</b> 18 JUN 2017
<b>Reviewer 1 Position</b>		<b>Position:</b> Sr. Director	<b>Signature:</b> [Signature]
<b>Reviewer 2 Name</b>		<b>Name:</b> [Signature]	<b>Date:</b> [Signature]
<b>Reviewer 2 Position</b>		<b>Position:</b> [Signature]	<b>Signature:</b> [Signature]
<b>Reviewer 3 Name</b>		<b>Name:</b> [Signature]	<b>Date:</b> [Signature]
<b>Reviewer 3 Position</b>		<b>Position:</b> [Signature]	<b>Signature:</b> [Signature]

*No objection to the fastener.*

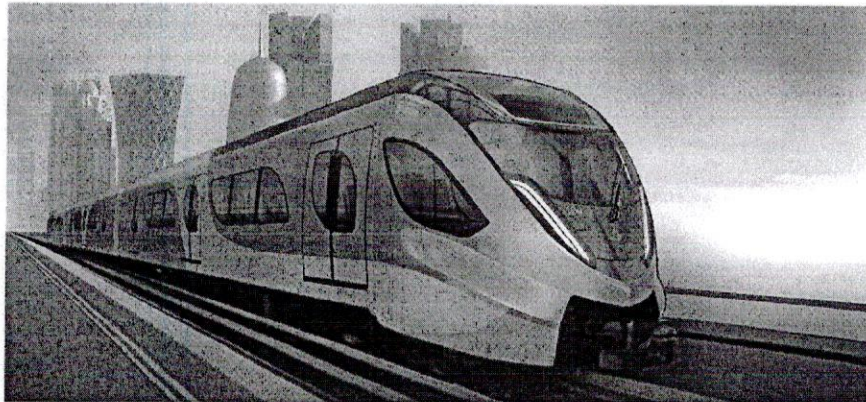


# QATAR INTEGRATED RAIL PROJECT

## Doha Metro: Green Line Underground

### Shelter Structures - Anchor Bolts

**M008-PSH-ARC-MAR-00904**



PREPARATION BY CONTRACTOR:					
Action	Name	Signature	Role	Company	Date
Originator	Adib Kajan		Architectural Con Manager	PSH JV	14/5/17
Checker	Wassil Hanna		Architectural Manager	PSH JV	14/5/2017
Reviewer	Timothy Murley		QC Manager	PSH JV	15/05/2017
Approval	Richard Bridgeford		Project Director	PSH JV	15/5/17

APPROVAL:				
Action	Name	Signature	Role	Date
Recommendation for Approval	Eng. Jassim Mohammed Al Ansari		Engineer's Assistant	13 June 17
Approval	Mohamed Ahmed Timbely		Senior Director Architecture	18 JUN 2017
Approval	Daniel Leckel		Engineer	18 JUN 2017

CIVIL  MEP  TUNNEL  ARCHITECTURAL

Material Submittal No.: **M008-IMR-ARC-MAR-00233** Date: **10-May-17** Rev. No.: **1**

**I - Material Information:**

a. Name of Materials	Shelter Structures - Anchor Bolts
b. Location of Use	Front of House / Shelter Structures
c. Name of Manufacturer / Country of Origin	Baseline Bolting
d. Name of Local Agent / Supplier	Frijns
e. Name of Sub-Contractor / Applicator	IMAR Trading & Contracting Co.

**II - Reference Specification:**

**III - Attached Documents:** Please find attached Table of Content

a. Manufacturer Literature	
b. Approved Drawing	
c. Certificates	

**IV - Sample(s):**  Required  Not Required  
Sample will be provided in a designated PSH JV store room, if applicable.

**V - Action:**  SONO  FOR INFORMATION

**VI - Comments:**

NOTE: QR Ref. No.: \_\_\_\_\_ Dated: \_\_\_\_\_

**SUBCONTRACTOR'S REP.**

Prepared by:	Alvin Villanueva Technical Engineer	10-May-17 Date
Reviewed by:	Rima Nasser Technical Manager	10-May-17 Date
Approved by:	Brian Johnstone Senior Project manager	10-May-17 Date

**PSH JV**

Approved by:	Timothy Murley QA/QC Manager	15 May '17 Date
Approved by:	Richard Bridgeford PSH JV Director	15/5/17 Date

**Document Review Sheet**

<input type="checkbox"/> A. Approved	<input type="checkbox"/> C. SONO	<input type="checkbox"/> E. Fail/Not Approved
<input type="checkbox"/> B. Approved w/ Comments	<input type="checkbox"/> D. NOWC	<input type="checkbox"/> F. Responded/Reviewed/Actioned

**PMC / QRAIL**

Reviewed by:	Eng. Jassim Mohammed Al Ansari Arch Manager	11/06/2017 Date
Approved by:	Eng. Jassim Mohammed Al Ansari Engineer's Assistant	13 JUNE 17 Date