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# Milford Spigot PS1 - POOL FENCING

Structural Design Report, Job 20073 Scenik Fencing – Extra high wind zone, various locations.





| Building Code Clause(s):                           | B1, F2, F4   | Job number: 20073                     |
|--|--|---------------------------------------|
| <b>ISSUED BY:</b><br>(Engineering Design Firm)     | ExtraMile Consulting Ltd                             |                                       |
| TO:<br>(Client)                                    | Storetech Industries Limited                         |                                       |
| TO BE SUPPLIED TO:<br>(Building Consent Authority) | Relevant Territorial Authority                       |                                       |
| IN RESPECT OF:<br>(Description of building work))  | Structural engineering design for proprietary pool f | ence system ('Milford' Fixing Spigot) |
| AT:<br>(Address)                                   | Various sites within occupancy and wind limits as    | stated on drawings                    |
| LEGAL DESCRIPTION                                  | Varies   |                                       |

We have been engaged by Storetech Industries Limited to provide:

structural engineering design for proprietary pool fence system

in respect of the requirements of the Clause(s) of the Building Code specified above for all of the proposed building work.

The design carried out by ExtraMile Consulting Ltd has been prepared in accordance with:

compliance documents issued by the Ministry of Business, Innovation & Employment (Verification method  $\checkmark$ /acceptable solution): B1/VM1

The proposed building work covered by this producer statement is described in the drawings specified in the attached Schedule, together with the specification, and other documents set out in the attached Schedule.

On behalf of ExtraMile Consulting Ltd, and subject to:

- site verification of the following design assumptions:
  - Occupancy as stated on the drawings 0
  - Wind zones as stated on the drawings 0
- all proprietary products meeting their performance specification requirements;

I believe on reasonable grounds that:

- the pool fence, if constructed in accordance with the drawings, specifications, and other documents provided or listed in the attached Schedule, will comply with the relevant provisions of the Building Code specified above; and that
- the persons who have undertaken the design have the necessary competence to do so.

I recommend the Nil level of construction monitoring.



I, Pawel Michal Milewski, am:

- CPEng number 1021657
- and hold the following qualifications: MEng(Hons)

ExtraMile Consulting Ltd holds a current policy of Professional Indemnity Insurance no less than \$200,000.

ExtraMile Consulting Ltd is not a member of ACE New Zealand.

#### **SIGNED BY:**

Pawel Michal Milewski

(Signature):

Kan

Date: 03.04.2024

#### ON BEHALF OF: ExtraMile Consulting Ltd

Note: This statement has been prepared solely for Relevant Territorial Building Consent Authority and shall not be relied upon by any other person or entity. Any liability in relation to this statement accrues to ExtraMile Consulting Ltd only. As a condition of reliance on this statement, Relevant Territorial Building Consent Authority accepts that the total maximum amount of liability of any kind arising from this statement and all other statements provided to Relevant Territorial Building Consent Authority in relation to this building work, whether in tort or otherwise, is limited to the sum of \$200,000.

This form is to accompany Form 2 of the Building (Forms) Regulations 2004 for the application of a Building Consent.

### **SCHEDULE TO PS1**

Please include an itemised list of all referenced documents, drawings, or other supporting materials in relation to this producer statement below:

- B2 Letter in Lieu Design
- Engineering Drawing Set: 20073\_Milford\_Fixing\_Spigot\_Pool\_Fence\_R.2\_Drgs MF01 to MF02
- F2 Letter of compliance for glass used in the Storetech pool fencing system
- F9 Self closing pool gate information to comply with F9



### **GUIDANCE ON USE OF PRODUCER STATEMENTS**

Information on the use of Producer Statements and Construction Monitoring Guidelines can be found on either the <u>ACE New Zealand</u> or <u>Engineering New Zealand</u> websites.

Producer statements were first introduced with the Building Act 1991. The producer statements were developed by a combined task committee consisting of members of the New Zealand Institute of Architects (NZIA), Institution of Professional Engineers New Zealand (now Engineering New Zealand), Association of Consulting and Engineering New Zealand (ACE NZ) in consultation with the Building Officials Institute of New Zealand (BOINZ). The original suite of producer statements has been revised at the date of this form to ensure standard use within the industry.

The producer statement system is intended to provide Building Consent Authorities (BCAs) with part of the reasonable grounds necessary for the issue of a Building Consent or a Code Compliance Certificate, without necessarily having to duplicate review of design or construction monitoring undertaken by others.

**PS1 DESIGN**: Intended for use by a suitably qualified independent engineering design professional in circumstances where the BCA accepts a producer statement for establishing reasonable grounds to issue a Building Consent;

**PS2 DESIGN REVIEW**: Intended for use by a suitably qualified independent engineering design review professional where the BCA accepts an independent design professional's review as the basis for establishing reasonable grounds to issue a Building Consent;

**PS3 CONSTRUCTION:** Forms commonly used as a certificate of completion of building work are Schedule 6 of NZS 3910:2013 or Schedules E1/E2 of NZIA's SCC 20112

**PS4 CONSTRUCTION REVIEW**: Intended for use by a suitably qualified independent engineering construction monitoring professional who either undertakes or supervises construction monitoring of the building works where the BCA requests a producer statement prior to issuing a Code Compliance Certificate.

This must be accompanied by a statement of completion of building work (Schedule 6).

The following guidelines are provided by ACE New Zealand and Engineering New Zealand to interpret the Producer Statement.

#### **Competence of Engineering Professional**

This statement is made by an engineering firm that has undertaken a contract of services for the services named, and is signed by a person authorised by that firm to verify the processes within the firm and competence of its personnel.

The person signing the Producer Statement on behalf of the engineering firm will have a professional qualification and proven current competence through registration on a national competence-based register such as a Chartered Professional Engineer (CPEng). Membership of a professional body, such as Engineering New Zealand provides additional assurance of the designer's standing within the profession. If the engineering firm is a member of ACE New Zealand, this provides additional assurance about the standing of the firm. Persons or firms meeting these criteria satisfy the term "suitably qualified independent engineering professional".

#### Professional Indemnity Insurance

As part of membership requirements, ACE New Zealand requires all member firms to hold Professional Indemnity Insurance to a minimum level.

The PI Insurance minimum stated on the front of this form reflects standard practice for the relationship between the BCA and the engineering firm.

#### **Professional Services during Construction Phase**

There are several levels of service that an engineering firm may provide during the construction phase of a project (CM1-CM5 for engineers3). The BCA is encouraged to require that the service to be provided by the engineering firm is appropriate for the project concerned.

#### **Requirement to provide Producer Statement PS4**

BCAs should ensure that the applicant is aware of any requirement for producer statements for the construction phase of building work at the time the building consent is issued. No design professional should be expected to provide a producer statement unless such a requirement forms part of ExtraMile Consulting Ltd's engagement.

#### Refer Also:

- 1 Conditions of Contract for Building & Civil Engineering Construction NZS 3910: 2013
- 2 NZIA Standard Conditions of Contract SCC 2011
- Guideline on the Briefing & Engagement for Consulting Engineering Services (ACE New Zealand/Engineering New Zealand 2004)
  PN01 Guidelines on Producer Statements

#### www.acenz.org.nz

www.engineeringnz.org



### **LETTER IN LIEU – DESIGN**

To the Building Official,

Structural engineering design for proprietary pool fence system ('Milford' Fixing Spigot) at Various sites within occupancy and wind limits as stated on drawings, and wind limits as stated on drawings

### **COMPLIANCE WITH BUILDING CODE CLAUSE B2 – DURABILITY**

The purpose of this letter is to demonstrate how compliance with Clause B2 (Durability) of the Building Code will be achieved for the above project. We can confirm that for specifically designed structural elements that are included within our design documentation:

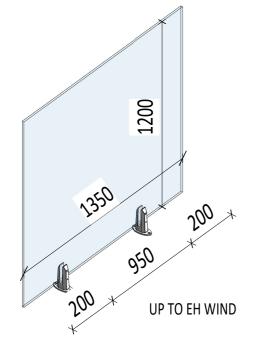
| Material        | Means of Compliance | Details  |
|-----------------|---------------------|--|
| Stainless Steel | B2/AS1              | brackets and all fixings to be stainless steel |

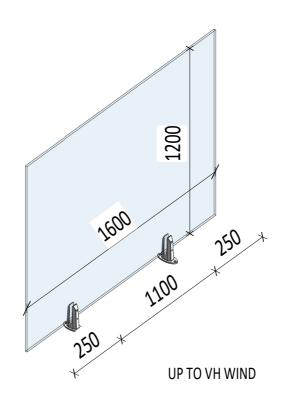
Yours faithfully,

land Kicker

Pawel Michal Milewski For and on behalf of

ExtraMile Consulting Ltd







7 Market Street Napier. 4110 m. 0210398833, m.0211099712 www.extra-mile.co.nz, info@extra-mile.co.nz Client: STORETECH LIMITED Project: MILFORD FIXING SPIGOT REF. R.0 R.1 R.2 scale: @A3

|          | DESCRIPTION             |                       |         |   |                             | DAT                    | E     |     |
|----------|-------------------------|-----------------------|---------|---|-----------------------------|------------------------|-------|-----|
|          | INFORMATION             |                       |         |   |                             | 22052                  | 25    |     |
|          | CHEMICAL FIXING ADDED   |                       |         |   |                             | 22081                  | LO    |     |
|          | CONCRETE FIXING REVISED |                       |         |   |                             |                        | 22120 | )2  |
| le:<br>3 | drawn:<br>AM            | checked:<br><b>PM</b> | status: | P | project no:<br><b>20073</b> | drg no:<br><b>MF01</b> | rev:  | R.2 |

MIN. SG8 TIMBER SUBSTRUCTURE WITH MEMBERS SUFFICIENTLY SPACED TO RECEIVE BOLTS. THE SUBSTRUCTURE IS TO BE DESIGNED BY OTHERS TO BE SUFFICIENTLY STRONG AND RIGID TO TRANSFER THE BALUSTRADE LOADS

2/ M12 x 130 316(A4) HEX HEAD COACH SCREWS. LENGTH OF THREAD PENETRATION INTO TIMBER MIN. 130mm. OR

2/M12 316(A4) HEX HEAD BOLTS WITH 50x5 SQ 316(A4) WASHERS FROM TIMBER SIDE.

A - EDGE DISTANCE MIN.23mm

Storetech Sku for screw is SCETHX - 12X130 coach screw

# **CONNECTION TO TIMBER**

### **MECHANICAL ANCHORS:**

2/HUS-HR 10 x 105 STAINLESS STEEL(A4) BY HILTI WITH DOME NUT, MIN.90mm INTO CONCRETE OR 2/XTM HEX HEAD M12 X 110 (A4) STAINLESS STEEL BY ICCONS MIN.80MM INTO CONCRETE

### **CHEMICAL ANCHORS:**

HIT-HY 170 INJECTION MORTAR + 2/HAS-U M10 x 115 TREADED RODS STAINLESS STEEL(A4) BY HILTI WITH DOME NUT, MIN.70mm INTO CONCRETE OR B+BTec BIS-HY GEN2 INJECTION MORTAR + 2/M12 THREADED RODS 316/A4-70 STAINLESS STEEL BY ICCONS, MIN.70mm INTO CONCRETE

A - EDGE DISTANCE MIN. 65mm.

**B - CORNER DISTANCE MIN. 265mm** 



7 Market Street Napier. 4110

m. 0210398833, m.0211099712 www.extra-mile.co.nz, info@extra-mile.co.nz 2/M12 316(A4) HEX HEAD BOLTS A - EDGE DISTANCE MIN. 18mm

# **CONNECTION TO STRUCTURAL STEEL**

MIN. 25MPA CONCRETE MIN. 160mm THICK DESIGNED BY OTHERS TO HAVE SUFFICIENT STRENGTH AND RIGIDITY TO SUPPORT THE BALUSTRADE

# **CONNECTION TO CONCRETE**

Client:

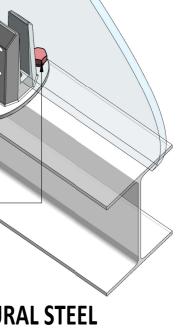
STORETECH LIMITED

Project:

MILFORD FIXING SPIGOT

R

Drawing: POOL FENCE CONNECTION DETAILS REF. R.0 R.1 R.2 scale @A3 STRUCTURAL STEELWORK **DESIGNED BY OTHERS** TO HAVE SUFFICIENT STRENGTH AND RIGIDITY TO SUPPORT THE BALUSTRADE



### **IMPORTANT INSTALLATION INSTRUCTIONS:**

ALL PROPRIETARY PRODUCTS INCLUDING ANCHORS MUST BE INSTALLED IN STRICT ORDER WITH MANUFACTURER PROCEDURES.

| drawn:<br>AM            | checked:<br><b>PM</b> | status: | Р | project no:<br><b>20073</b> | drg no:<br>MF02 | rev: | R.2 |
|-------------------------|-----------------------|---------|---|-----------------------------|-----------------|------|-----|
|                         |                       |         |   |                             | 1               |      |     |
| CONCRETE FIXING REVISED |                       |         |   |                             |                 | 2212 | 02  |
| CHEMICAL FIXING ADDED   |                       |         |   |                             |                 | 2208 | 10  |
| INFORMATION             |                       |         |   |                             |                 |      | 25  |
| DESCRIPTION             |                       |         |   |                             |                 | DAT  | E   |
|                         |                       |         |   |                             |                 |      |     |

Section 3 – F2 Compliance

Structural Design Report, Job 20073 Scenik Fencing – Extra high wind zone, various locations.



### SAFETY GLASS CERTIFICATION F2: COMPLIANCE

#### STATEMENT OF COMPLIANCE

To satisfy the New Zealand Building Code Acceptable Solution F2/AS1, glass likely to come into contact with people must comply with NZS 4223: Part 3:2016 Code of practice for glazing in buildings – Human impact safety requirements.

NZS 4223: Part 3:2016 requires Grade A safety glass to be used in shower doors, shower screens and bath enclosures and Glass Pool Fencing.

Scenik Fencing confirms glass used in our Glass Pool Fencing and Balustrade has been produced to one or more of the following standards as outlined in NZS:4223:2016: Page Vi

AS/NZS 2208:1996 Grade A

NZS 8500:2006

BS 6206 Grade A

ANSI Z97.1

#### Peter Carney GENERAL MANAGER

Signed: Peter Carney

M: 0800 235 2473 I info@scenik.co.nz

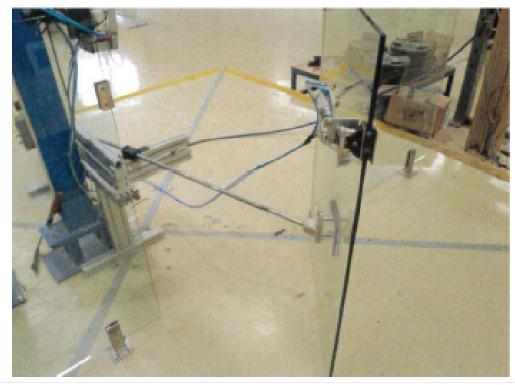


2 Waitane Place | Onekawa, Napier | New Zealand 4110

Tel: +64 6 8785 752 | Mob: +64 21 220 1403

### Section 4 – F9 Compliance (Pool Fencing Only)

To satisfy the New Zealand Building Code Acceptable Solution F9, Storetech has a self closing hinge and latch system that has been tested to comply with the New Zealand F9 pool fenicng standard.

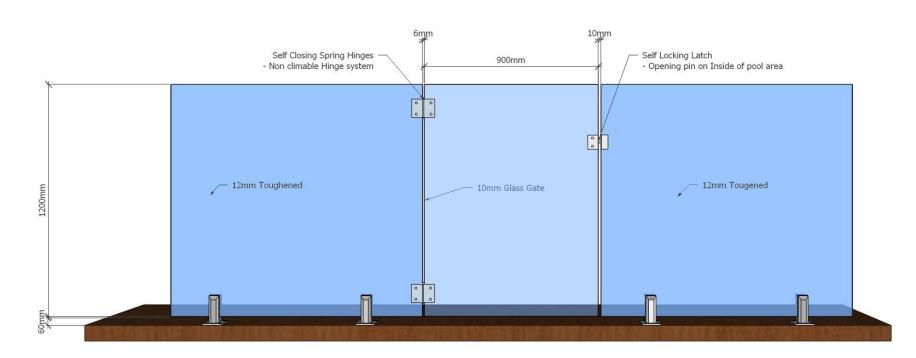


Completion of the 10,000 Cycle test as shown below

Structural Design Report, Job 20073 Scenik Fencing – Extra high wind zone, various locations. April 2022 All glass gate hardware has been tested to more than 10,000 cycles. Report available on request.

- Gate Material: 10mm Toughened A grade glass
- Typical Gate Size: 900mm W x 1200Mm H
- Lock Description Magnetic self locking latch
- Lock on inside of the gate:
- Self Closing from all angles: YES
- Self Closing from 150mm of Open:
- Overall gate height above ground 1260mm

- Polaris self closing soft close hinges tested to 10,000 cycles



YES

YES

Typical Gate Layout to Comply with F9 - Gate Must open away from the pool

ENGINEERED FRAMELESS GLASS POOL FENCING | GLASS BALUSTRADES | GLASS WIND BREAKS



# Test Report



AZUMA Design

# POOL FENCE



# <u>CLIENT – GLASS HARDWARE AUSTRALIA</u> <u>PRODUCT – POLARIS SOFT CLOSE HINGE 125 SERIES</u>

# TESTED BY

# AZUMA DESIGN PTY LTD

### AZT0350.20

NATA ACCREDITED LABORATORY NO. 15147

This document shall not be reproduced, except in full

Test results in this report are relevant only to the sample tested

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards

### 1 Customer Requirements

To test the pool fence sample according to AS1926.1 Set 2012- Swimming Pool Safety Standards Set- Section 3- Loading Requirements. Only the applicable tests for this type of sample shall be carried out.

### 2 Test Sample Information

### 2.1 General Information

| Product Name/Number     | Polaris Soft Close Hinge 125 Series  |
|-------------------------|--|
| Customer                | Glass Hardware Australia   |
| Address                 | Unit 6, 4 Stockyard Place, West Gosford NSW 2250   |
| Azuma Test Number       | AZT0350.20   |
| Date of Test            | 24/08/2020 - 03/09/2020  |
| Sample                  | Supplied and installed by Customer in good condition   |
| Overall Size            | 1245 mm (Height) x 2720 mm (Width)   |
| Test Sample Description | Glass gate assembly consisting of three panels of glass. Two<br>side fixed glass panels one with a latching bracket and the<br>other with hinge fixings for two hinges. Hinges have soft<br>closing action and the latch has a magnetic strike and bolt. |

### 2.2 Barrier

| Material   |             |                                      | Toughened Glass |
|--|-------------|--------------------------------------|-----------------|
|  | Hinge Panel | 1170 mm (H) x 100 mm (W) x 12 mm (T) |                 |
| Overall Dimensions   | Latch Panel | 1170 mm (H) x 800 mm (W) x 12 mm (T) |                 |
| Gap between Vertical Elements (< 100 mm)                                       |             | N/A                                  |                 |
| Gap between Horizontal Elements (> 900 mm)                                     |             | 1245 mm                              |                 |
| Total Product Height Greater than 1100 mm                                      |             | 1245 mm                              |                 |
| Gap between bottom of barrier and finished ground level ( $< 100 \text{ mm}$ ) |             | 75 mm                                |                 |

Azuma Design Pty Ltd 38 Redfern Street Wetherill Park. NSW. 2164 Australia +61(02) 9604 0255 Test results in this report are relevant only to the sample tested. Accreditation Number: 15147 - Accredited for compliance with ISO/IEC 17025 - TESTING-This document shall not be reproduced. except in full-



### 2.3 Gate

| Material   | Toughened Glass                     |
|--|-------------------------------------|
| Overall Dimensions   | 1170 mm (H) x 900 mm (W)<br>x 12 mm |
| Gap between Vertical Elements ( $< 100 \text{ mm}$ )                           | 10 mm Latch side<br>8 mm Hinge side |
| Gap between Horizontal Elements $(> 900 \text{ mm})$                           | 1245 mm                             |
| Total Product Height Greater than 1100 mm                                      | 1245 mm                             |
| Gap between bottom of barrier and finished ground level ( $< 100 \text{ mm}$ ) | 75 mm                               |

### 2.4 Spigots (Supplied by Azuma Design)

| Material                   | Duplex 2205 Stainless Steel                                     |
|----------------------------|---|
| Overall Dimensions         | 50  mm (Width) x $50  mm$ (Depth) x $160  mm$ (Height)          |
| Base Plate (if applicable) | 100 mm (Width) x 100 mm (Depth) x 8 mm (Thickness)              |
| Drawing Supplied           | N/A   |
| Fixing Method              | $14G \ge 50 \text{ mm}$ Countersunk hex drive screw into timber |
| Spacing between Posts      | 220 mm (Left Side) and 700 mm (Right Side)                      |

### 2.5 Hardware

| Latch | Polaris Latch L180P                         |
|-------|---|
| Hinge | Polaris 125 Series Polaris Soft Close Hinge |





Figure 1: Tested Hinge



Figure 2: Tested Latch



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### 3 Strength and Rigidity of Barrier Openings

This Test is not applicable to this test sample

### 4 Strength of Posts and Footings

This Test is not applicable to this test sample

### 5 Strength of Fencing Components

This Test is not applicable to this test sample

### 6 Flexible Materials & Components

This Test is not applicable to this test sample

### 7 Strength Test for Rigid Components of Gate Units

This Test is not applicable to this test sample



### 8 Durability of Gate Units

### 8.1 Procedure

From AS 1926.1 - 2012 - Appendix F - Test of Durability of Gate Units.

- 1. Install the gate unit in accordance with the manufacturer's instructions on a site which simulates the in situ condition with the gate posts securely anchored into the ground.
- 2. Ensure that the gate and its latch comply with Clause 2.4.
- 3. Measure and record the force (to the nearest 5 N) required to release the latch.
- 4. Release the latch and open the gate to the 90-degree position.
- 5. Release the gate and allow it to close under the action of the self-closing device.
- 6. Repeat Steps (d) and (e) for a total of 10 000 operations or until the latch fails to operate, whichever occurs first. The latch shall not be lubricated or adjusted during this test.
- 7. Inspect the gate to see whether it still complies with Clause 2.4.
- 8. Measure and record the force (to the nearest 5 N) required to release the latch.
- 9. Inspect the gate, including the hinges and latch together with the gate posts, for any damage which would affect the ability of the gate to comply with the requirements of Section 2.

### 8.2 Results

| Number of Operations the sample completed   | 25,068 cycles |
|---|---------------|
| Does the gate still comply with clause 2.4 after test completed                         | Yes           |
| The force required to release the latch at the start of the test                        | 10 N          |
| The force required to release the latch at the end of the test                          | 10 N          |
| Any damage to the gate, hinges, latching device or gate posts<br>at the end of the test | Nil           |
| Result  | Pass          |



### 9 Additional Testing for Gate Units

From AS 1926.1 - 2012 - Section 3.4 - Closing and Latching of Gates.

- 1. The gate shall close and latch from fully open to resting on the latch, under both of the following conditions:
  - a. Under the natural weight of the gate.
  - b. With the gate open and after a weight of 25 kg has been placed on the top rail or component at a point 100 mm from the outer edge of the locking stile of the gate for 30 seconds and then removed.
- 2. With the gate closed, the latch and posts of the barrier to which the gate is attached shall be capable of retaining the gate in a closed position when 25 kg is placed at the same location and remains on the gate.

| Gate Closes under natural weight                       | Pass |
|--|------|
| Gate opened and 25 kg placed 100 mm from locking stile | Pass |
| Gate closed and 25 kg placed 100 mm from locking stile | Pass |
| Result   | Pass |



Figure 3: 25 kg Gate Open

Azuma Design Pty Ltd 38 Redfern Street Wetherill Park, NSW- 2164 Australia +61(02) 9604 0255 Test results in this report are relevant only to the sample tested. Accreditation Number: 15147 - Accredited for compliance with ISO/IEC 17025 - TESTING. This document shall not be reproduced, except in full-



AZT 0350.20



Figure 4: 25 kg Gate Closed

## 10 Conclusion and Signatories

### 10.1 Conclusion

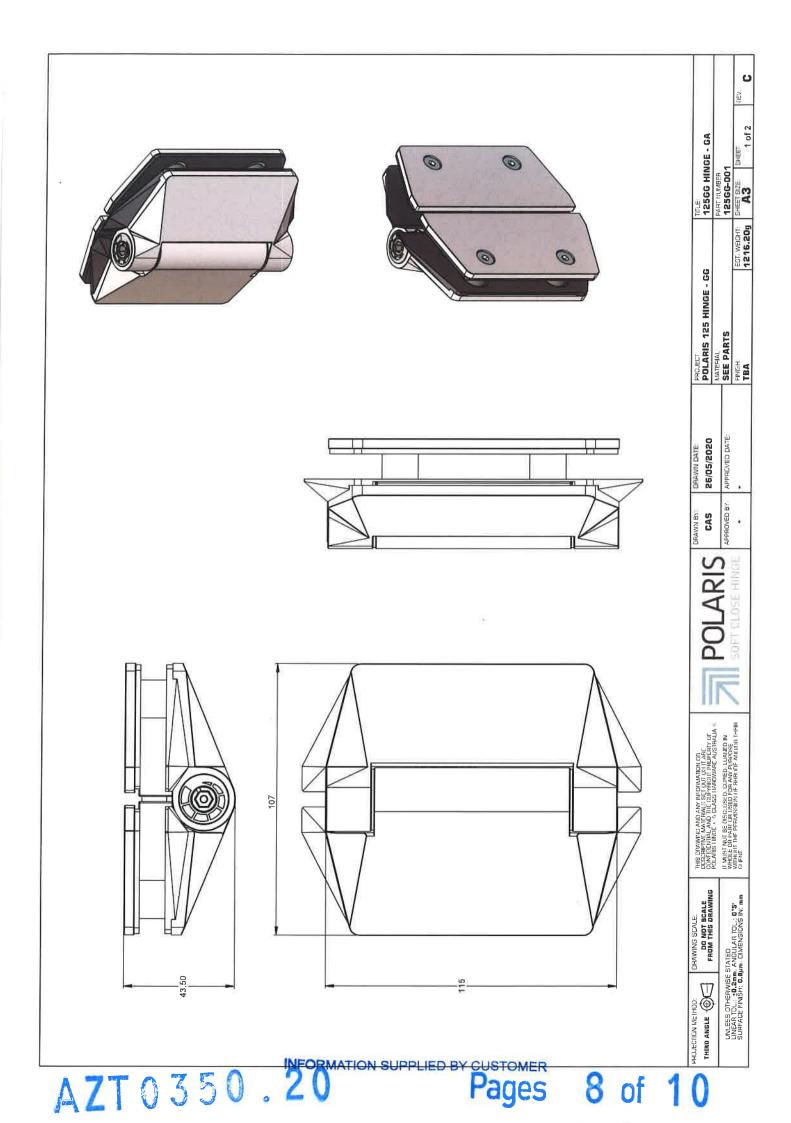
From the results achieved, it is evident that the sample satisfied the tested requirements as per AS1926.1-2012 Swimming Pool Safety Standards Set.

### 10.2 Signatories

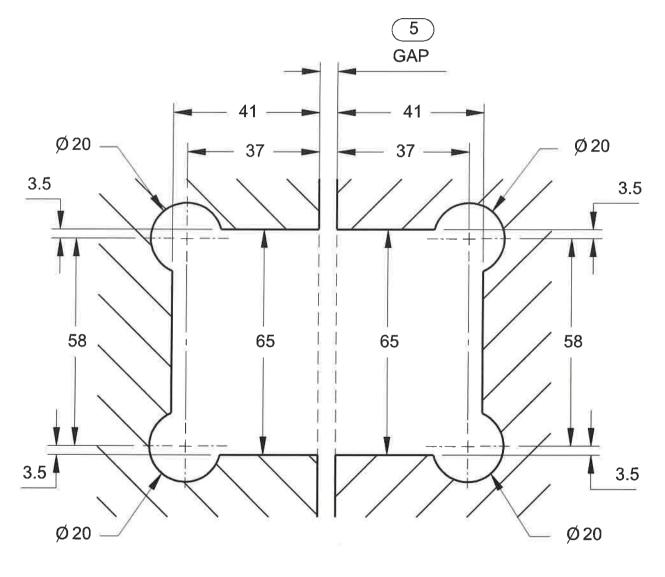
| Tested By: | Ash Horne |  |
|------------|-----------|--|
| Signature: | Allome    |  |
| Date:      | 01/10/20  |  |

### END OF REPORT





# GLASS PREPARATION 120, 220 & 320 SERIES HINGE GLASS TO GLASS



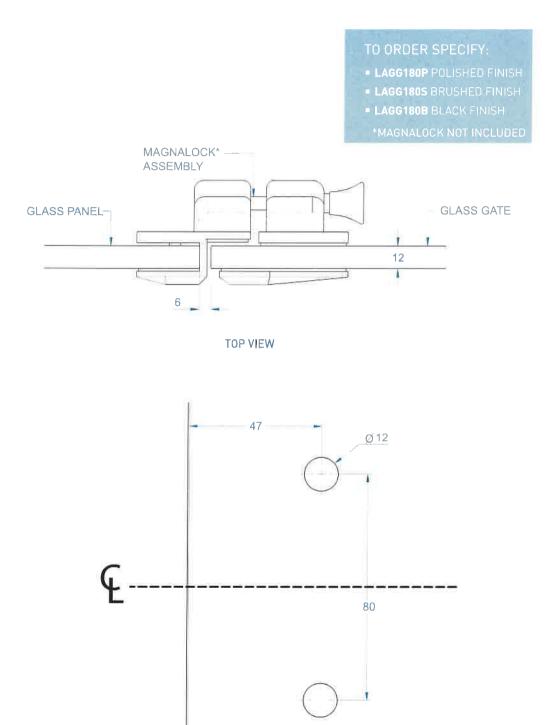
GLASS CUT-OUT TOP AND BOTTOM (ALL DIMENSIONS IN MILLIMETERS)



INFORMATION SUPPLIED BY CUSTOMER

Pages 9 of 10

# LATCH GLASS TO GLASS 180°



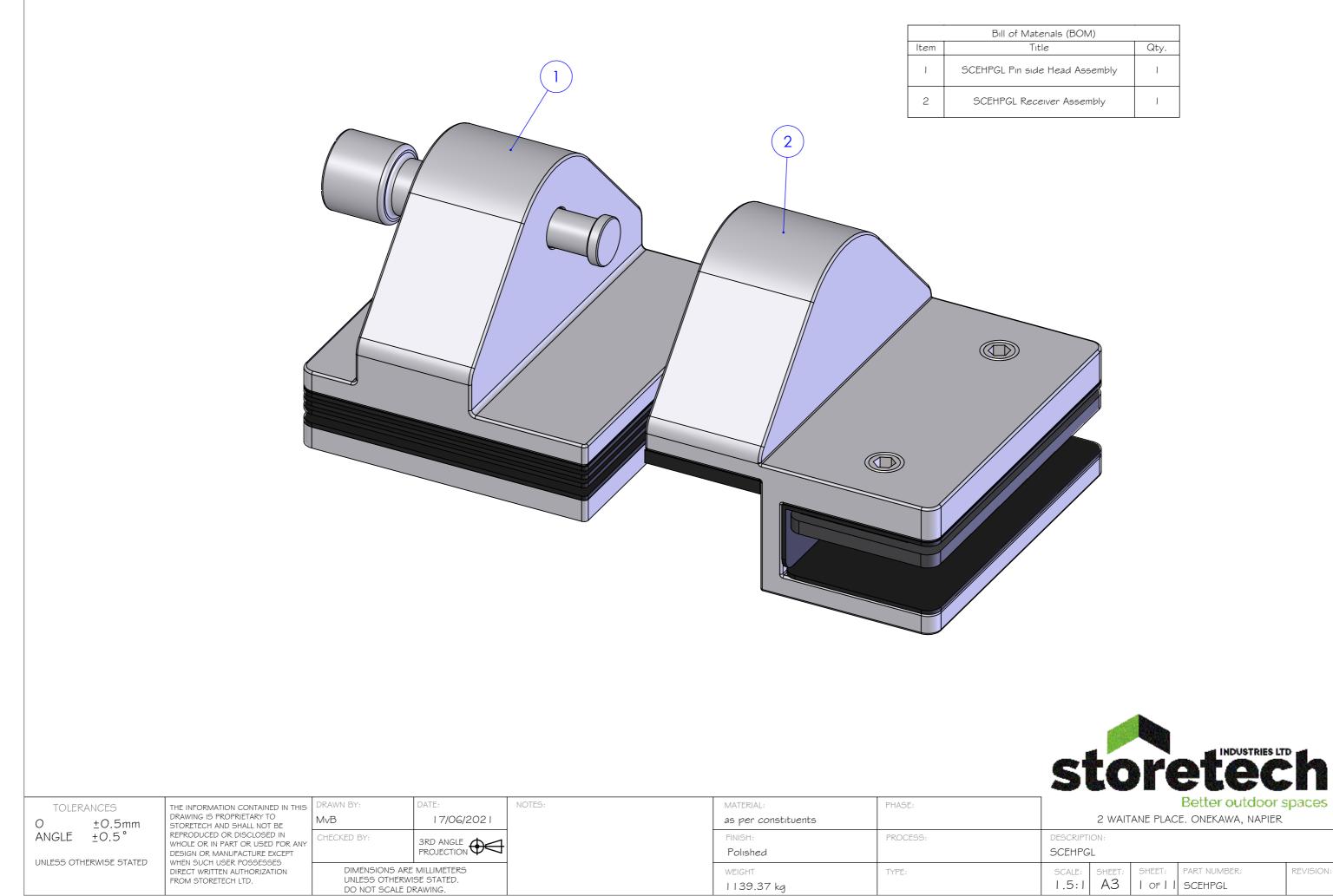
POLARIS

Pages 10 of 10

GLASS GATE HOLES

INFORMATION SUPPLIED BY CUSTOMER

AZT0350.20



| aterials (BOM)    |      |  |  |  |  |
|-------------------|------|--|--|--|--|
| Title             | Qty. |  |  |  |  |
| ide Head Assembly |      |  |  |  |  |
| eceiver Assembly  | I    |  |  |  |  |

|   |        |  | SCEHPGL                 |           |  |  |  |  |  |
|---|--------|--|-------------------------|-----------|--|--|--|--|--|
| - | SCALE: |  | PART NUMBER:<br>SCEHPGL | REVISION: |  |  |  |  |  |

| Bill of Materials (BOM) |                   |                               |                                   |     |  |  |  |
|-------------------------|-------------------|-------------------------------|-----------------------------------|-----|--|--|--|
| ltem                    | Part No.          | Title                         | Material                          | Qty |  |  |  |
| I                       | HPGLOO I          | SCEHPGL Latch Body            | 2205 Stainless Steel (SS)         | 1   |  |  |  |
| 2                       | HPGL003           | SCEHPGL Anvil Pin             | 2205 Stainless Steel (SS)         | 1   |  |  |  |
| 3                       | HPGLOO4           | SCEHPGL Anvil Base            | 2205 Stainless Steel (SS)         | 1   |  |  |  |
| 4                       |                   | M5-20 CSK hex Screw           | Stainless Steel                   | 1   |  |  |  |
| 5                       | HPGL009           | SCEHPGL PP Shim               | PP Film                           | 4   |  |  |  |
| 6                       | HPGLO I 3         | SCEHPGL Spring                | 301 Spring-Tempered SS            | 1   |  |  |  |
| 7                       | SCE002            | SCEGGL Dowel Bush             | PE High Density                   | 2   |  |  |  |
| 8                       | SCE00 I           | SCEGGL Dowel Bush             | PE High Density                   | 2   |  |  |  |
| 9                       | HPGL12            | SCEHPGL Clamp Plate           | 2205 Stainless Steel (SS)         | 1   |  |  |  |
| 10                      |                   | M5-10 CSK hex Screw           | Stainless steel                   | 2   |  |  |  |
| 11                      | HPGL002           | SCEHPGL Receiver Body         | 2205 Stainless Steel (SS)         | 1   |  |  |  |
| 12                      | HPGL008           | SCEHPGL Latch Pin Buffer      | Material <not specified=""></not> | 1   |  |  |  |
| 13                      | Ndfeb 22x10x3800G | SCEHPGL Magnet                | 2205 Stainless Steel (SS)         | 1   |  |  |  |
| 14                      |                   | M4x8 CSK Hex Screw            | Stainless Steel                   | 2   |  |  |  |
| 15                      | HPGL007           | SCEHPGL Rubber Cover          | Natural Rubber                    | 1   |  |  |  |
| 16                      |                   | M8x* Grub Screw               | AISI 304                          | 2   |  |  |  |
| 17                      | HPGLO I I         | SCEHPGL Polyproplene Shil A   | PP Film                           | 1   |  |  |  |
| 18                      | HPGLOIO           | SCEHPGL Polyproplene Shil A   | PP Film                           | 1   |  |  |  |
| 19                      | HPGL005           | SCEHLGL Pressure Plate Rubber | Natural Rubber                    | 1   |  |  |  |
| 20                      | HPGLOOG           | SCEHLGL Pressure Plate        | AISI 304                          | 1   |  |  |  |

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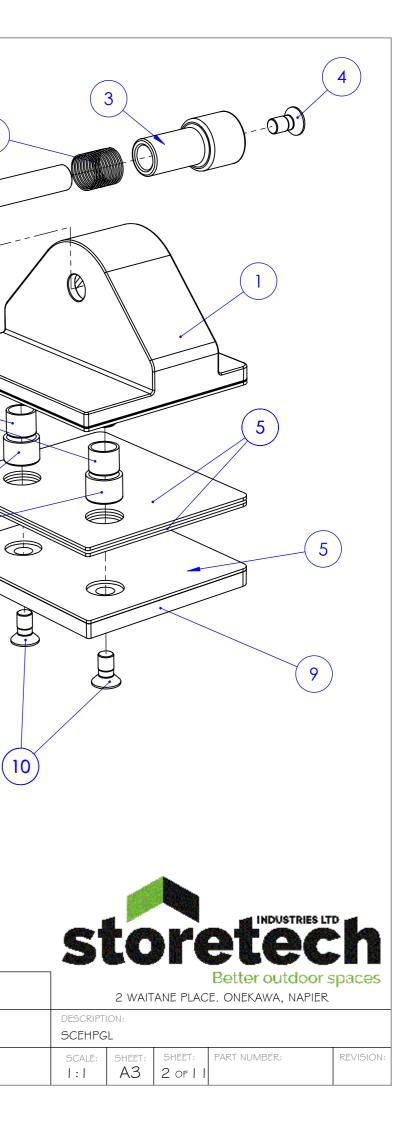
THE INFORMATION CONTAINED IN THIS DRAWING IS PROPRIETARY TO STORETECH AND SHALL NOT BE DRAWN BY: NOTES: DATE: MATERIAL: PHASE: TOLERANCES ΜvΒ | 7/06/202 | as per constituents 0 ±0.5mm ANGLE ±0.5° REPRODUCED OR DISCLOSED IN CHECKED BY: FINISH: PROCESS: 3RD ANGLE PROJECTION WHOLE OR IN PART OR USED FOR ANY Polished DESIGN OR MANUFACTURE EXCEPT WHEN SUCH USER POSSESSES DIRECT WRITTEN AUTHORIZATION FROM STORETECH LTD. UNLESS OTHERWISE STATED DIMENSIONS ARE MILLIMETERS TYPE: WEIGHT UNLESS OTHERWISE STATED. 545.58 kg DO NOT SCALE DRAWING.

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