

Site Plan

Windows within pool zone to be Permanently modified not to open greater than 100mm or a security grill to be fitted. Note Key locks do not comply and modifications of doors are not allowable

FACTORY POOLS PERTH

BEST PRICES GUARANTEED

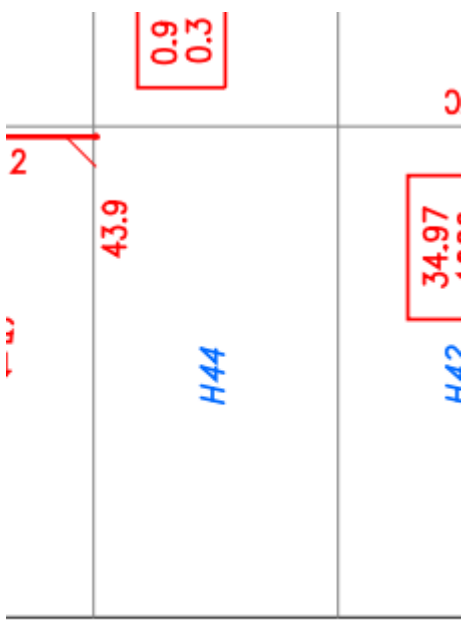
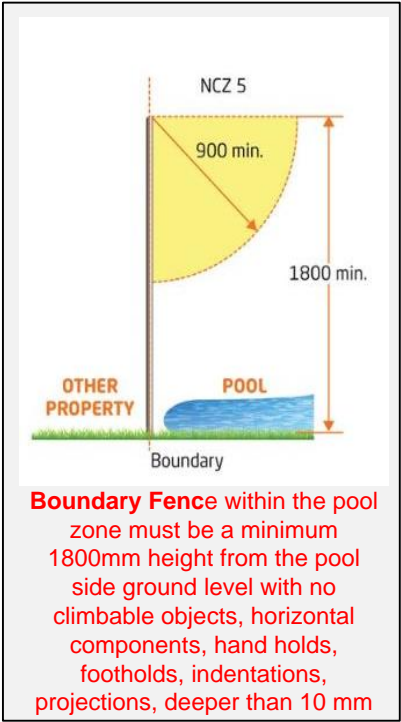
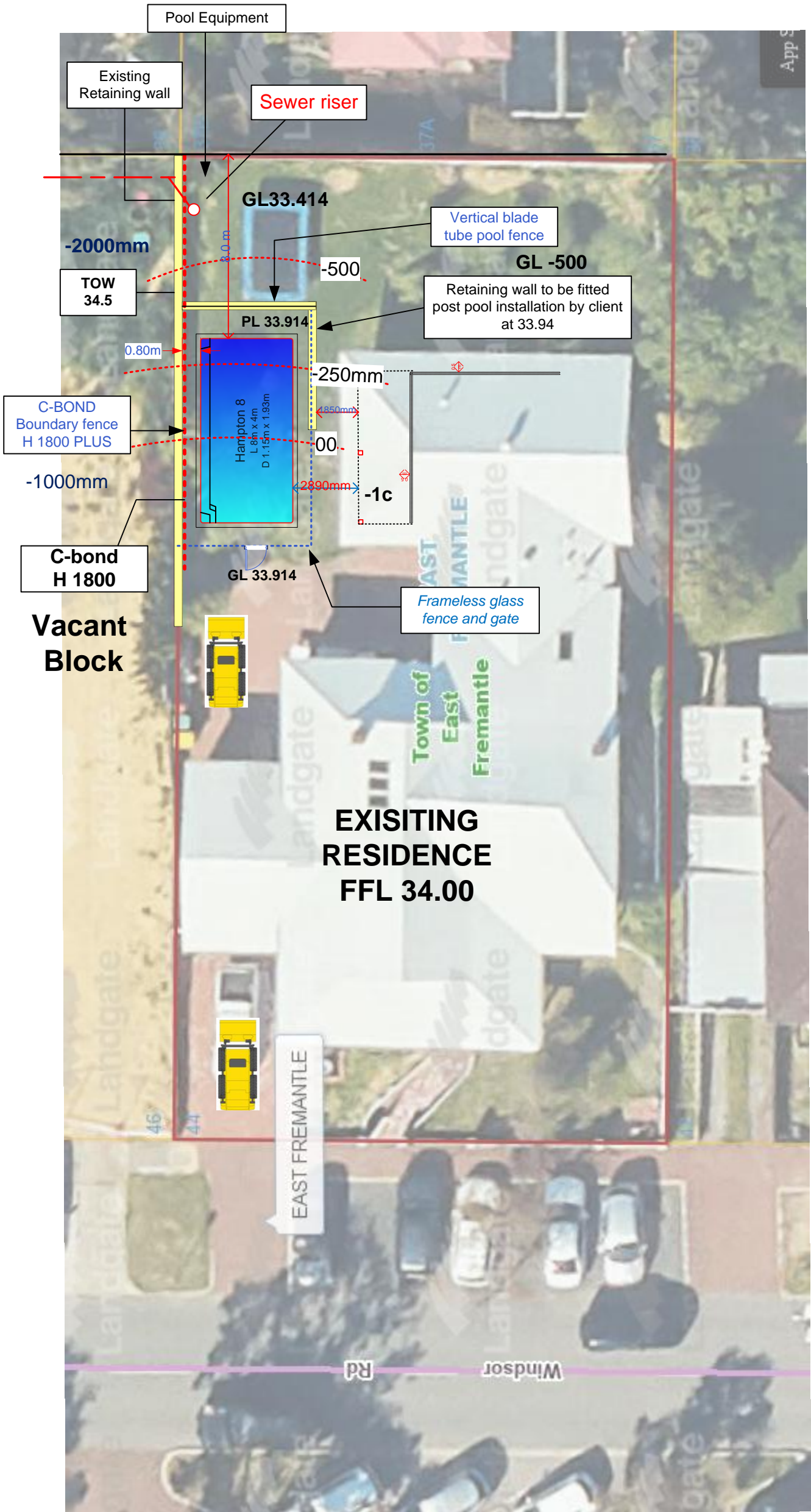
Plan by Don Del Borrello



5/05/2022

Scale 1:200

LOT 9



Pool equipment location As per plan and tbc with client  
Estimated install date Week commencing  
Top of pool to be level with Verandah minus capping thickness

All Machinery allowances are subject to final say by site Supervisor

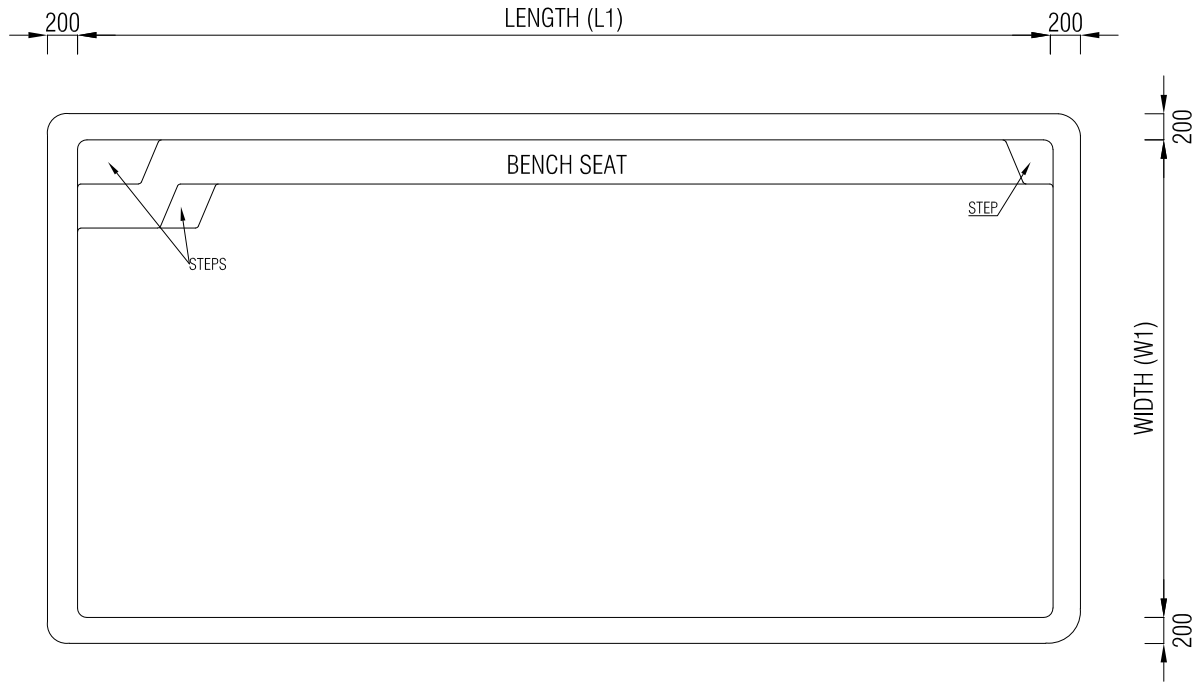
Owner to supply access for machinery to excavate. Eg remove and replace a fence panel or gate

Pool Equipment needs to be located minimum 3.5mts from the pool waterline and no further than 10mts from the deep end.

Note with Pool equipment fitting. Pavers may need to be lifted or concrete cut at cost. Restoring/replacing is owners responsibility

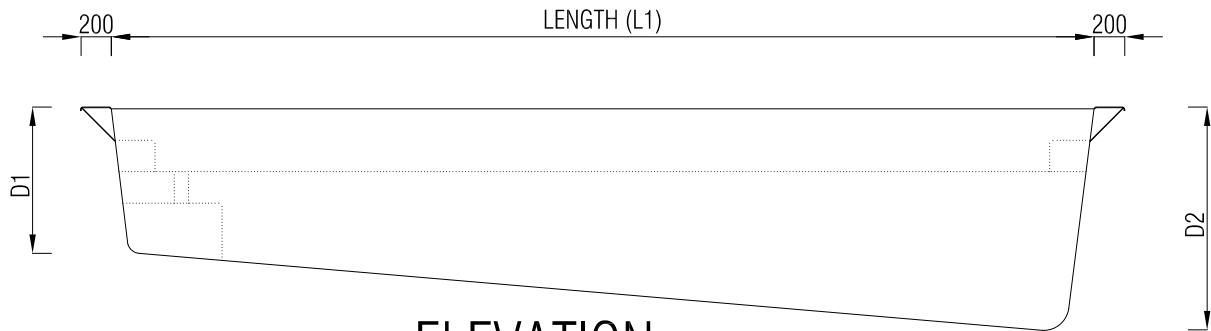
Proposed pool for Kylie & Dean Cuthbert      Model/Type Hampton 8m x 4m  
Site Address 44 WINDSOR Road, EAST FREMANTLE 6158  
Machinery allowance via Drive  
Suggested Crane Allowance and location to be confirmed From vacant block

Client name.....  
Signature.....  
Note With changes to plan after Applications have been approved. Additional charges will apply from \$ 500 to \$ 1500.00



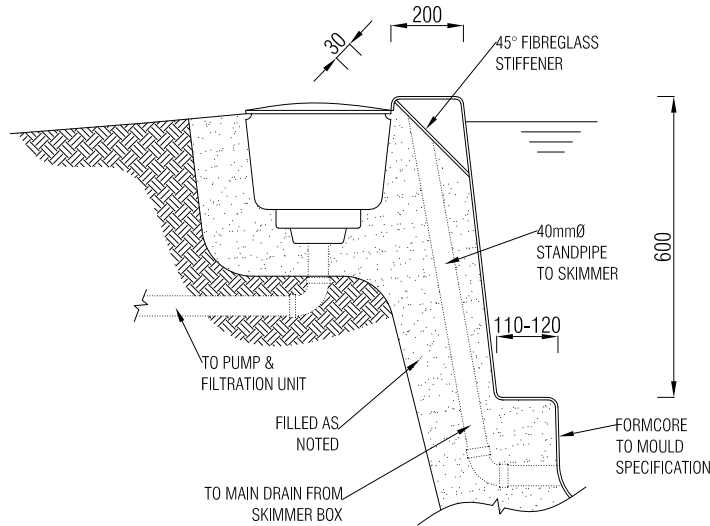
HAMPTON PLAN

N.T.S



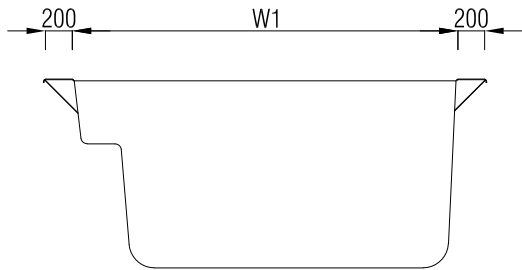
ELEVATION

N.T.S



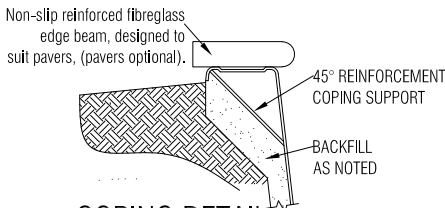
SKIMMER BOX DETAIL

N.T.S



SECTION

N.T.S



COPING DETAIL

N.T.S



\* Concrete paving beside coping shall not be fixed to pool coping.

GENERAL NOTES

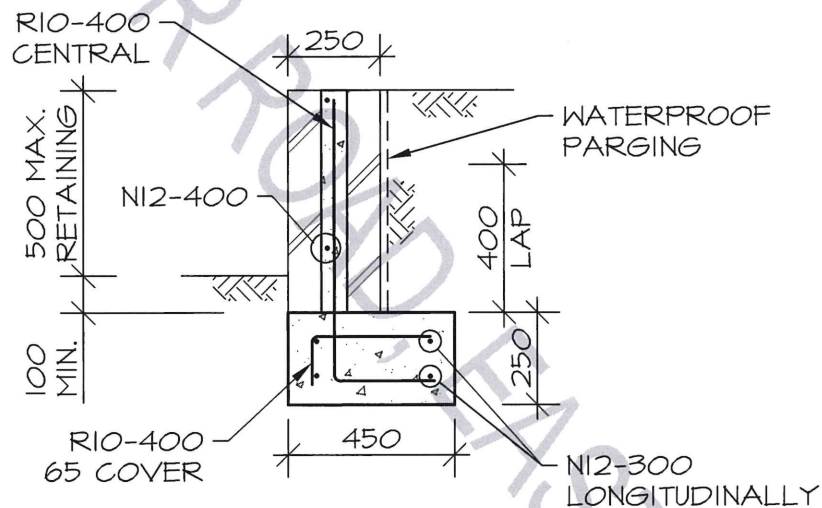
1. PROVIDE A 100mm (min) THICK BEDDING LAYER OF NON-COHESIVE PERMEABLE MATERIAL (max) SIZE 12mm.
2. WORK TO COMPLY WITH AS1838 SAA PREMOULDED REINFORCED PLASTIC SWIMMING POOLS & AS1839-1994 SWIMMING POOLS - PREMOULDED FIBRE-REINFORCED PLASTICS - INSTALLATION & THE REQUIREMENTS OF ALL THE RELEVANT STATUTORY AUTHORITIES.
3. THE GRANULAR BASE SHALL BE SCREEDED & COMPACTED TO PROVIDE UNIFORM SUPPORT FOR THE SHELL. PLACE GRAVEL, PLUG, LEVEL THE POOL, HANDLING WITH A CENTRE SPREADER.
4. BEDDING TO BE RAMMED BETWEEN SHELL & EXCAVATION IN LAYERS WHEN POOL HAS BEEN FILLED, COMPLETE THE SURROUND.
5. THE FIBREGLASS SHELL SHALL HAVE A MINIMUM THICKNESS OF 5mm WITH 3 LAYERS OF 0.025 LBS/FT ROVINGS.
6. THE FLOOR SHALL HAVE 3 LAYERS OF CHOP STRAND FIBREGLASS.
7. THE RIBS SHALL HAVE 1 LAYER OF 600gr/m<sup>2</sup>.
8. ROVINGS OVER RIBS FORMS & LAMINATED TO POOL WALLS.
9. RESIN TO GLASS RATIO 2.25:1 BY WEIGHT.
10. COPING TO BE 10mm (min) THICKNESS.
11. FILTER TO BE CONNECTED TO SKIMMER BOX & WATER RETURN PORTS WITH 40mmØ PVC PRESSURE PIPE & FITTINGS, FIT UP TO HYDROSTATIC VALVE, RETURN PIPES SHALL BE 50mmØ.
12. NO RESPONSIBILITY WILL BE TAKEN BY THE CONSULTING ENGINEER FOR DIMENSIONS OBTAINED BY SCALING THE STRUCTURAL DRAWINGS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURE AND NEIGHBOURING STRUCTURES IN A SAFE AND STABLE CONDITION DURING CONSTRUCTION. NO PART SHALL BE OVERSTRESSED.
14. THIS POOL IS NOT INTENDED FOR USE ON ABOVE GROUND INSTALLATIONS OR DESIGNED TO BE EMPTIED WITHOUT THE APPROVAL OF THE POOL MANUFACTURER.
15. THIS POOL IS SUITABLE FOR SOIL CLASSIFICATIONS OF 'A' & 'S' SITES.

HAMPTON RANGE				
POOL	LENGTH (L1)	WIDTH (W1)	MIN DEPTH (D1)	MAX DEPTH (D2)
6m Hampton	6000	4000	1150	1730
7m Hampton	7000	4000	1150	1850
8m Hampton	8000	4000	1150	1930

\* All measurements are mm.

DRAWING REVISIONS				REFERENCE DRAWINGS		COPYRIGHT THESE DESIGNS, PLANS AND INFORMATION ARE COPYRIGHT AND ARE NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF SUMMERMORE PTY LTD  DO NOT SCALE FROM THESE DRAWINGS.	SIGNED APPROVAL			<div>Summermore Pty Ltd</div> <div>Consulting Engineers</div> <div>ACN: 108 898 433 ABN: 42 108 898 433 ron@summermore.com.au www.summermore.com.au</div> <div>PO Box 1671 Browns Plains BC, QLD, 4118 Phone: 07 3800 0973 Fax: 07 3800 1860</div> <div></div> <th colspan="2">CLIENT</th> <th colspan="2">PROJECT</th>	CLIENT		PROJECT	
							APPROVED		17MAY2022		FACTORY POOLS PERTH		GENERIC STRUCTURAL DETAILS	
							RPEQ	6715			21 Edison Circuit, Forrestdale, WA, 6112.		TITLE	
							REVIEWED						HAMPTON RANGE	
C	REVISED TO SUIT CLIENTS REQUEST	GAB	MAY 2022				DESIGNED	RAB	MAY 2022				DRAWING NUMBER	
B	REVISED TO SUIT CLIENTS REQUEST	GAB	MAR 2022				DRAWN	GAB	MAY 2022				REV	
-	PRELIMINARY FOR CLIENTS APPROVAL	GAB	NOV 2021				SCALE	AS SHOWN					16-11406-S04	
REV	DESCRIPTION	BY	DATE	DRAWING NAME	TITLE	ORIGINAL DRAWING SIZE at A3					C			





## TYPICAL RETAINING WALL SECTION

1:20

### SITE CLASSIFICATION

NI-WIND CLASSIFICATION IN ACCORDANCE WITH AS4055 WIND LOADS FOR HOUSING.

A-SOIL CLASSIFICATION IN ACCORDANCE WITH AS2870 RESIDENTIAL SLABS AND FOOTINGS.

### NOTES:

1. ALL MASONRY WORK SHALL BE IN ACCORDANCE WITH AS3700 'MASONRY STRUCTURES'.
2. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH AS3600 'CONCRETE STRUCTURES'.
3. CONCRETE STRENGTH TO BE MIN. 20 MPa.
4. DO NOT SCALE FROM DRAWINGS.
5. ALL DIMENSIONS IN MILLIMETERS. U.N.O.
6. ALL MEASUREMENTS TO BE CHECKED ONSITE PRIOR TO CONSTRUCTION.

UNLESS INDICATED BY REVISION '0' OR LATER AND SIGNED BY AN AUTHORISED COMPANY REPRESENTATIVE THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION

DRAWING NOT VALID WITHOUT WATERMARKED ADDRESS

A	TD	08/06/22	ISSUED FOR CONSTRUCTION
REV	BY	DATE	REVISION DESCRIPTION

*SINISA VUKSA*  
SINISA VUKSA  
BEng MIEAust CPEng  
NER No.2463578

Date  
JUNE 2022

Scale  
AS SHOWN AT A3



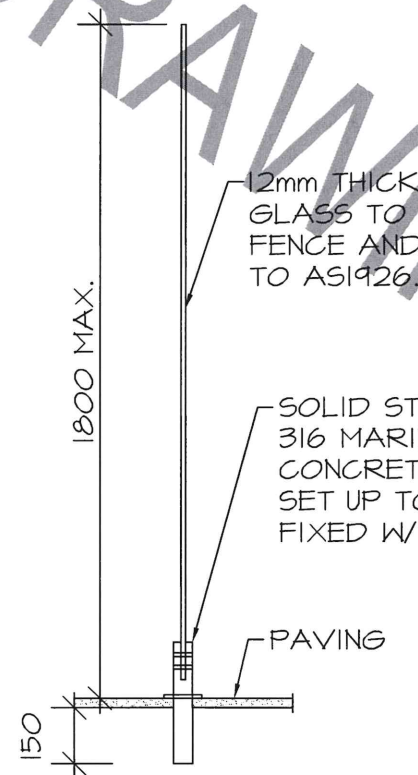
**B WADDELL**  
CONSULTING ENGINEERS

Project  
44 WINDSOR ROAD, EAST FREMANTLE  
PROPOSED RETAINING WALL

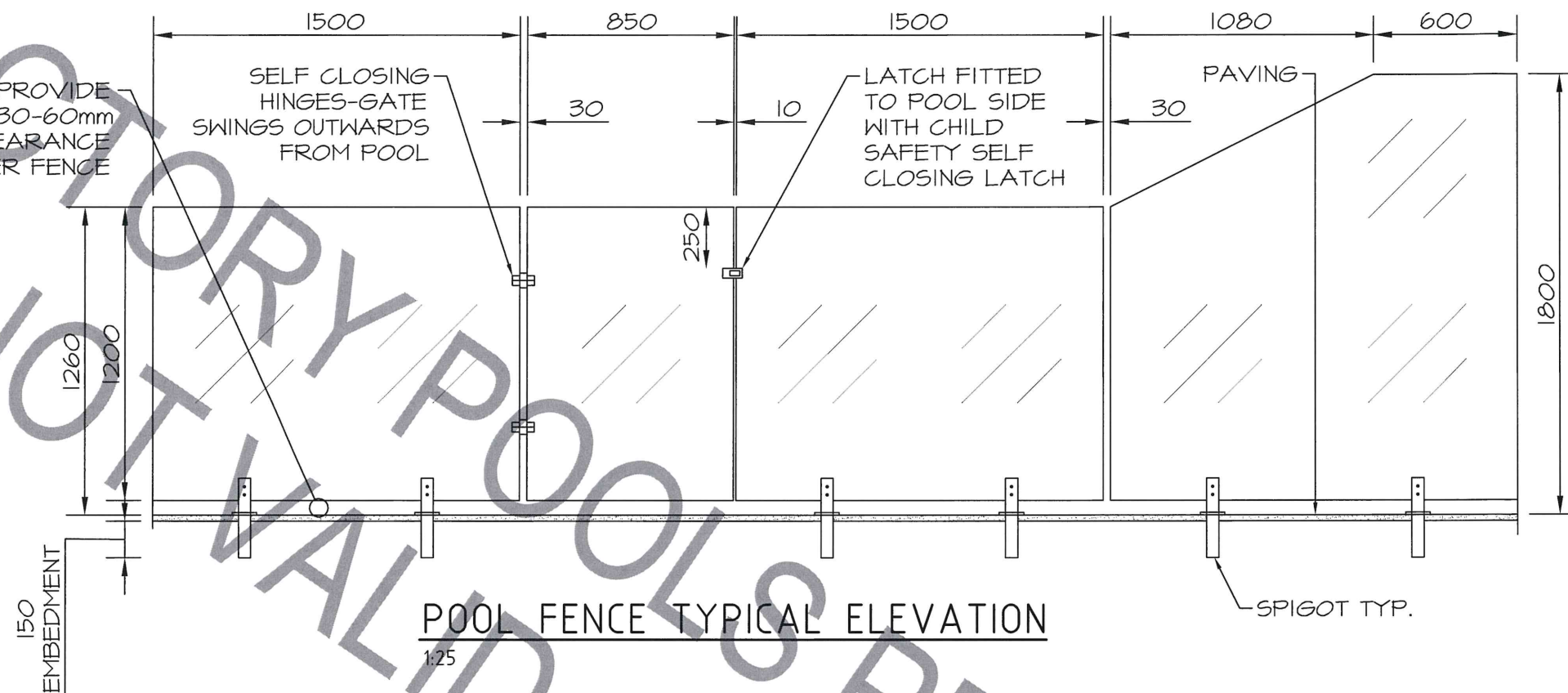
Client  
SPECIALISED BUILDING SOLUTIONS

Job No:  
30187

Drg No:  
S1



**TYPICAL SECTION**  
1:20



**POOL FENCE TYPICAL ELEVATION**  
1:25



#### GENERAL NOTES

1. AUTHORIZED REQUIREMENTS OF LOCAL AUTHORITIES AND OTHER STATUARY AUTHORITIES TO BE COMPLIED WITH
2. CONCRETE
  - TO BE IN ACCORDANCE WITH AS3600
  - TO BE KEPT MOIST AND CURED FOR A MINIMUM OF 7 DAYS
  - COMPRESSIVE CYLINDER STRENGTH AT 28 DAYS  $f'_c = 20\text{MPa}$
  - FOR POURED LIMESTONE, MIN COMPRESSIVE STRENGTH =  $12\text{MPa}$
  - MAXIMUM AGGREGATE SIZE = 20mm
3. BASE
  - MIN 600mm DEPTH TO BE COMPACTED, MIN. 5 BLOWS/300mm ON A STANDARD FALLING WEIGHT PENETROMETER
5. IF SITE CONDITIONS ARE SIGNIFICANTLY DIFFERENT FROM THOSE SHOWN, CONSULT THE ENGINEER
6. SPIGOTS ARE TO BE SPACED AT THE FOLLOWING CENTERS:
  - 1200mm FOR 1200mm HIGH GLASS
  - 900mm FOR 1800mm HIGH GLASS

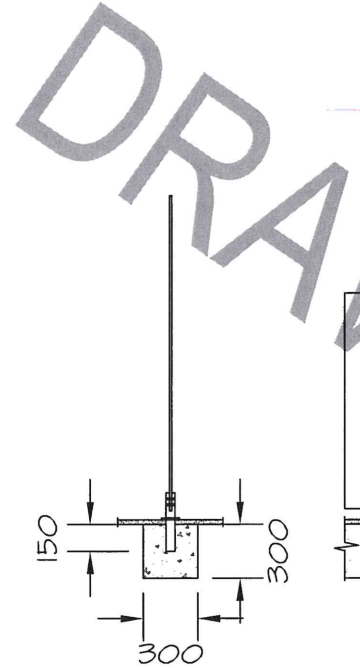
#### STRUCTURAL NOTES

##### DESIGN CRITERIA

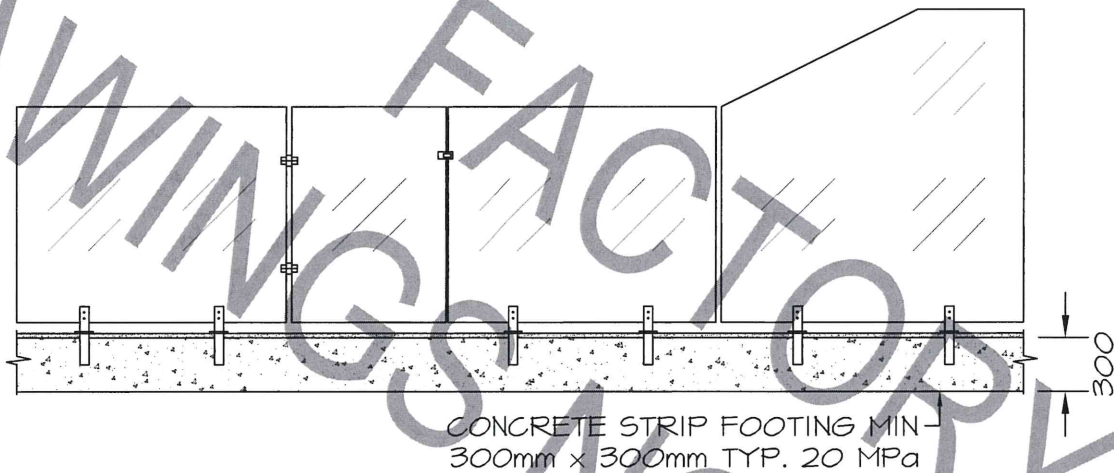
1. DESIGN WIND CLASSIFICATION TO AS1170.2
  - R=1:100
  - REGION = A1
  - TERRAIN CATEGORY = 2.5
  - SHIELDING MULTIPLIER = 0.9
2. DESIGN SOIL CLASSIFICATION
  - A - SOIL CLASSIFICATION IN ACCORDANCE WITH AS2870 RESIDENTIAL SLABS AND FOOTINGS.

UNLESS INDICATED BY REVISION '0' OR LATER AND SIGNED BY AN AUTHORISED COMPANY REPRESENTATIVE THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION					 <b>B WADDELL</b> CONSULTING ENGINEERS
DRAWING NOT VALID WITHOUT WATERMARKED EXPIRY					
				BRETT WADDELL BEng CWEng FIEAust CPEng NER No.465326 RPEQ	
				Date	Project
				JUNE 2021	GLASS POOL FENCING - CLASS A SOIL
A	TD		BUILDING LICENCE ISSUE	Scale	Client
REV	BY	DATE	REVISION DESCRIPTION	AS SHOWN AT A3	FACTORY POOLS PERTH
					Job No: 28058
					Drg No: S1

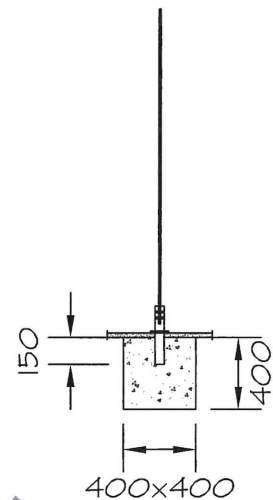




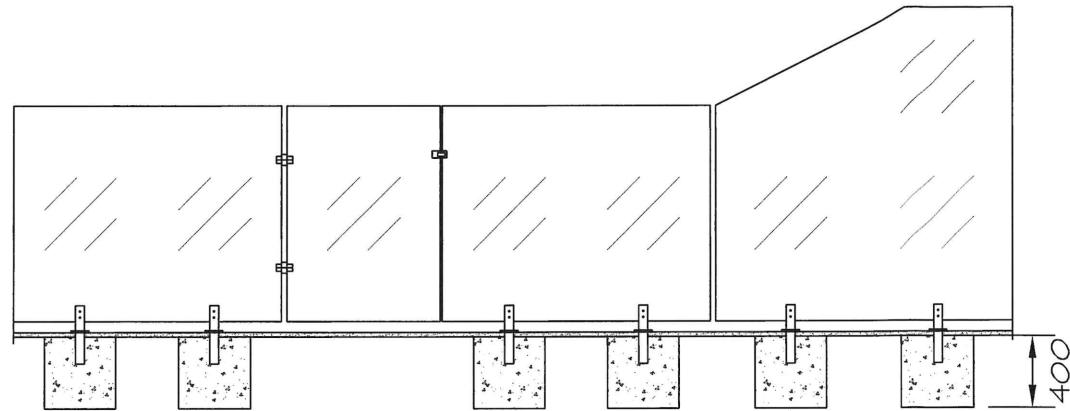
**STRIP FOOTING**  
1:15



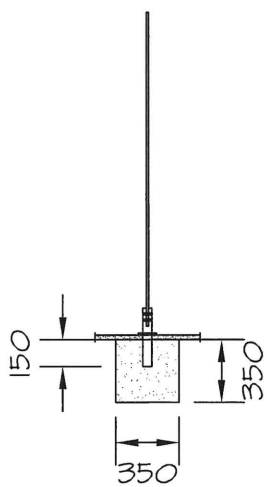
**STRIP FOOTING ELEVATION**  
1:15



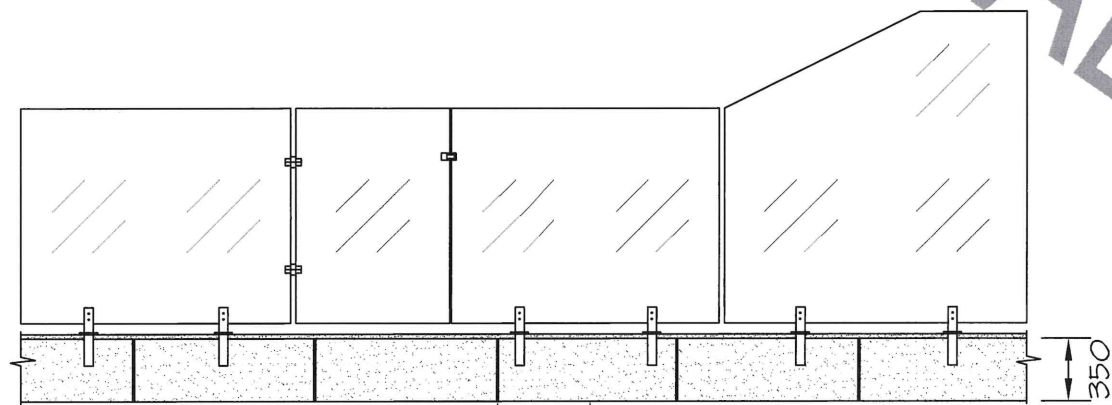
**PAD FOOTING**  
1:15



**PAD FOOTING ELEVATION**  
1:15



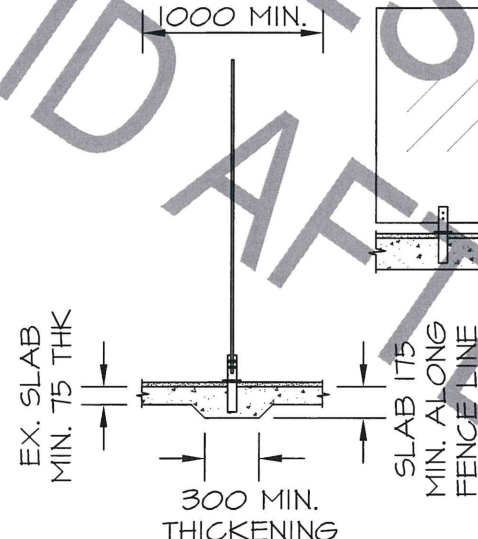
**LIMESTONE FOOTING**  
1:15



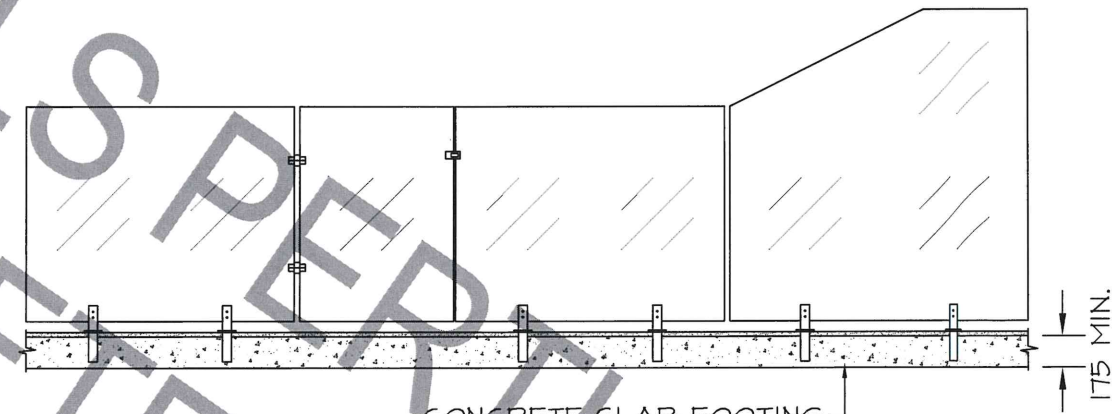
**LIMESTONE FOOTING ELEVATION**  
1:15

TAKE CARE DURING INSTALLATION. IMPROPER GROUTING COULD LEAD TO FENCE FAILURE



LIMESTONE BLOCK FOOTING TO USE MIN 350x350x500 LONG BLOCKS.



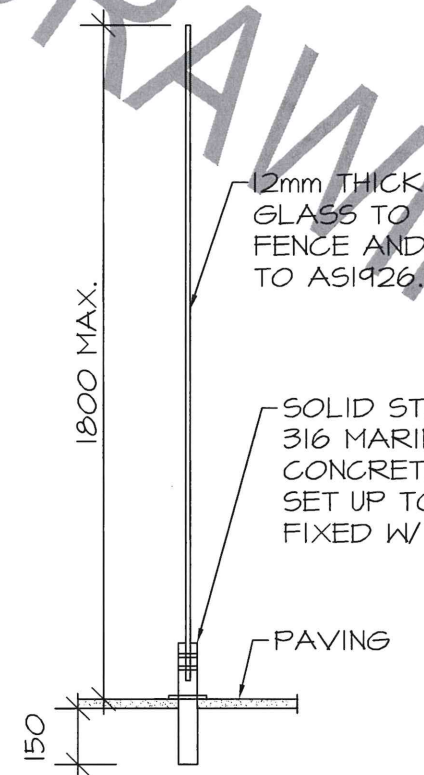
**SLAB FOOTING**  
1:15



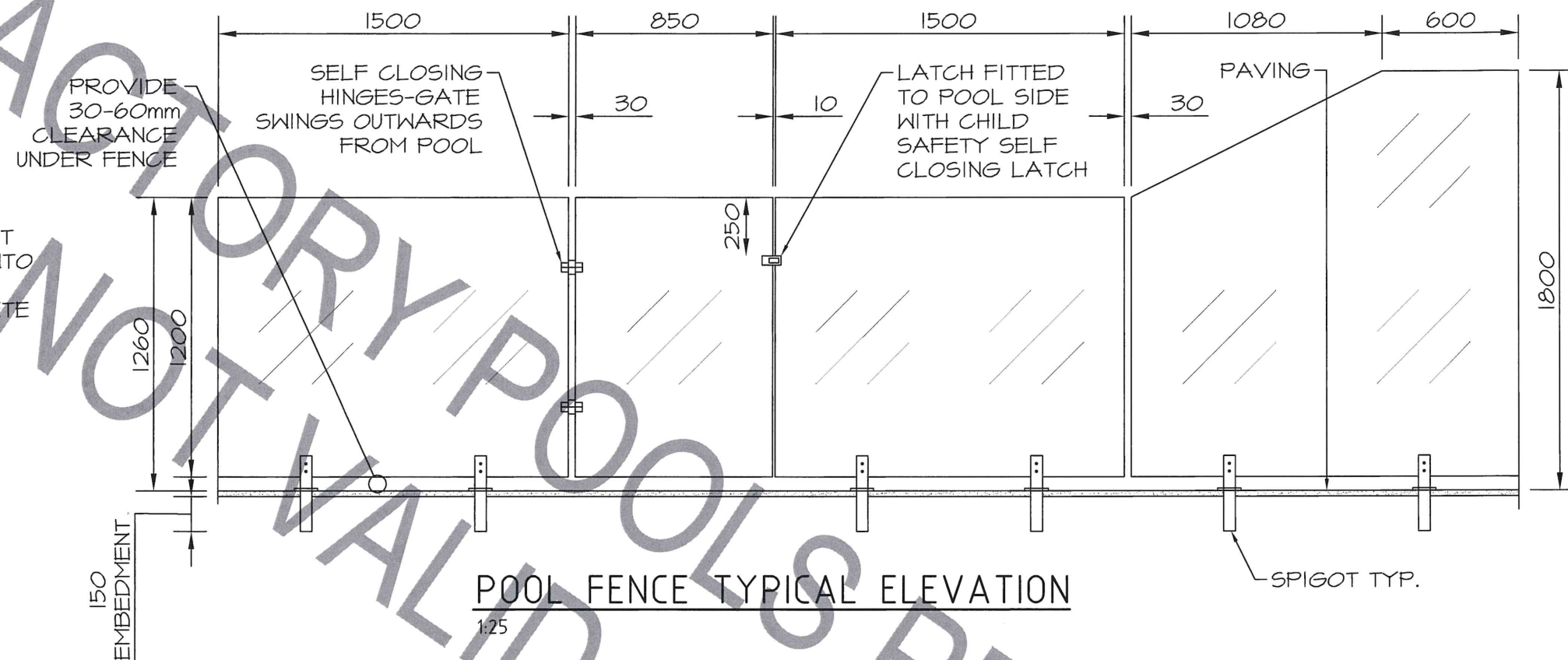
**SLAB FOOTING ELEVATION**  
1:15

UNLESS INDICATED BY REVISION '0' OR LATER AND SIGNED BY AN AUTHORISED COMPANY REPRESENTATIVE THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION				 BRETT WADDELL BEng CWEng FIEAust CPEng NER No.465326 RPEQ	 <b>B WADDELL</b> CONSULTING ENGINEERS
DRAWING NOT VALID WITHOUT WATERMARKED EXPIRY					
				Date	Project
				JUNE 2021	GLASS POOL FENCING - CLASS A SOIL
A	TD		BUILDING LICENCE ISSUE	Scale	Client
REV	BY	DATE	REVISION DESCRIPTION	AS SHOWN AT A3	FACTORY POOLS PERTH
					Job No: 28058
					Drg No: S2





TYPICAL SECTION  
1:20



POOL FENCE TYPICAL ELEVATION  
1:25

#### GENERAL NOTES

- AUTHORIZED REQUIREMENTS OF LOCAL AUTHORITIES AND OTHER STATUARY AUTHORITIES TO BE COMPLIED WITH
- CONCRETE
  - TO BE IN ACCORDANCE WITH AS3600
  - TO BE KEPT MOIST AND CURED FOR A MINIMUM OF 7 DAYS
  - COMPRESSIVE CYLINDER STRENGTH AT 28 DAYS  $f'_c = 20\text{MPa}$
  - FOR POURED LIMESTONE, MIN COMPRESSIVE STRENGTH =  $12\text{MPa}$
  - MAXIMUM AGGREGATE SIZE = 20mm
- BASE
  - MIN 600mm DEPTH TO BE COMPACTED, MIN. 5 BLOWS/300mm ON A STANDARD FALLING WEIGHT PENETROMETER
- IF SITE CONDITIONS ARE SIGNIFICANTLY DIFFERENT FROM THOSE SHOWN, CONSULT THE ENGINEER
- SPIGOTS ARE TO BE SPACED AT THE FOLLOWING CENTERS:
  - 1200mm FOR 1200mm HIGH GLASS
  - 900mm FOR 1800mm HIGH GLASS

#### STRUCTURAL NOTES

##### DESIGN CRITERIA

- DESIGN WIND CLASSIFICATION TO AS1170.2
  - R=1:100
  - REGION = A1
  - TERRAIN CATEGORY = 2.5
  - SHIELDING MULTIPLIER = 0.9

##### 2. DESIGN SOIL CLASSIFICATION

S AND M - SOIL CLASSIFICATION IN ACCORDANCE WITH AS2870 RESIDENTIAL SLABS AND FOOTINGS.

UNLESS INDICATED BY REVISION '0' OR LATER AND SIGNED BY AN AUTHORISED COMPANY REPRESENTATIVE THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION

DRAWING NOT VALID WITHOUT WATERMARKED EXPIRY

A	TD		BUILDING LICENCE ISSUE
REV	BY	DATE	REVISION DESCRIPTION

BRETT WADDELL  
BEng CWEng FIEAust CPEng  
NER No.465326 RPEQ

Date

JUNE 2021

Scale  
AS SHOWN AT A3



**B WADDELL**  
CONSULTING ENGINEERS

Project

GLASS POOL FENCING - CLASS S & M SOIL

Client

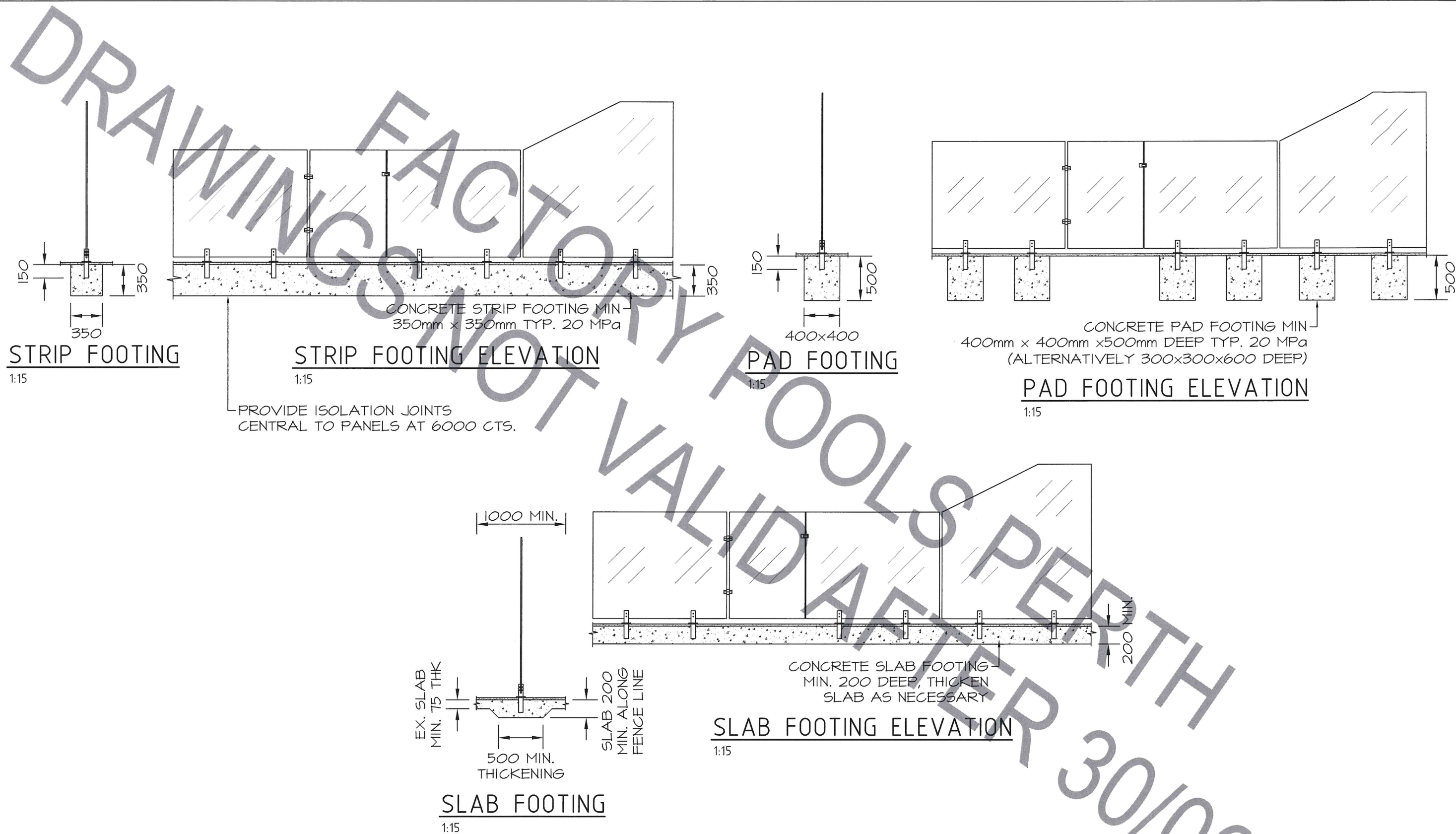
FACTORY POOLS PERTH



Job No:

28058

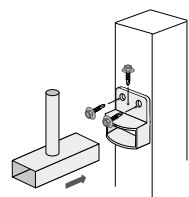
Drg No:

S1

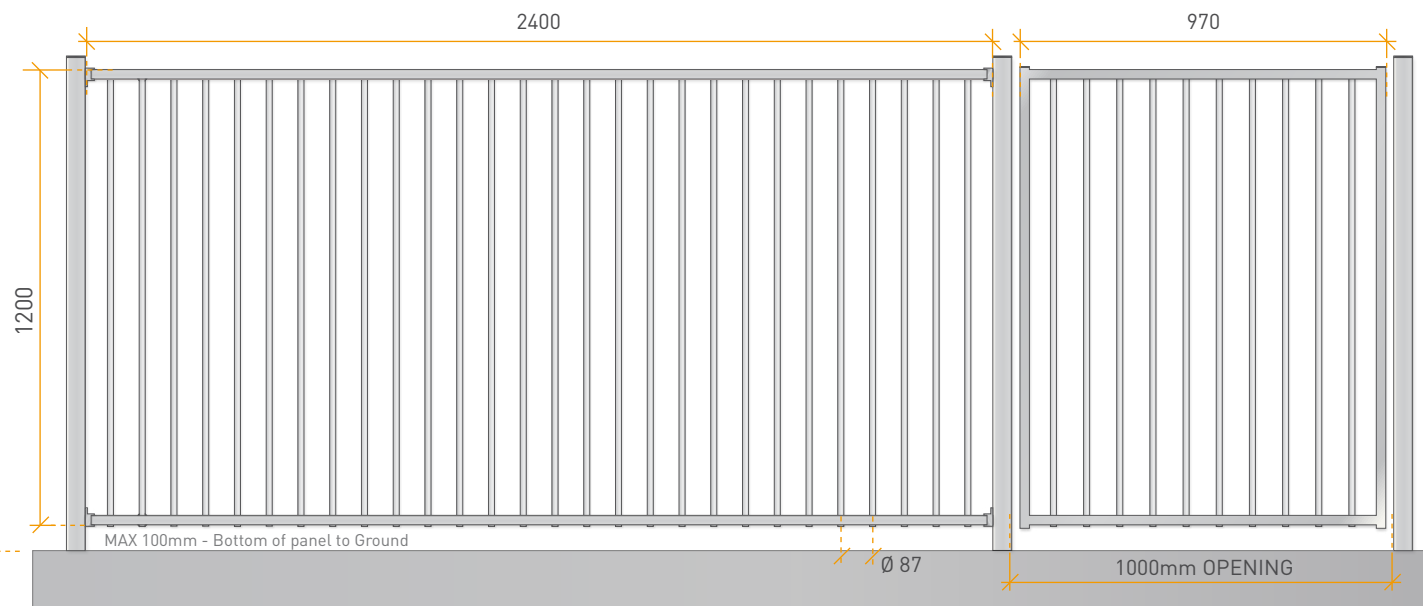


UNLESS INDICATED BY REVISION '0' OR LATER AND SIGNED BY AN AUTHORISED COMPANY REPRESENTATIVE THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION				 BRETT WADDELL BEng CWEng FIEAust CPEng NER No.465326 RPEQ	 <b>B WADDELL</b> CONSULTING ENGINEERS	
DRAWING NOT VALID WITHOUT WATERMARKED EXPIRY						
				Date	Project	Job No:
				JUNE 2021	GLASS POOL FENCING - CLASS S & M SOIL	28058
A	TD		BUILDING LICENCE ISSUE	Scale	Client	Dwg. No:
REV	BY	DATE	REVISION DESCRIPTION	AS SHOWN AT A3	FACTORY POOLS PERTH	S2





SHROUD  
DETAILS



**\*RECOMMENDED CONCRETE FOOTING DIMENSIONS ONLY** - Thickness of footing is dependent on local wind speed and soil type. Ensure you seek independent advice relating to appropriate footings before installing your posts.

# OXWORKS®

## STANDARDS

AS1926.1 (2012) Pool Safety Standards

## PANELS - 6063 T6 Aluminium

2400/3000mm x 1200mm Panel - P/coated

38 x 25mm x 1.6mm RHS

16mm CHS (1.2mm) Vertical Tubes

## FIXINGS

38 x 25mm Horizontal Fence Brackets

2 Hole - Single Lugged

3 x 12-14\*20 Self Tapping Tek Screws

used per Fence Bracket

## GATES - 6063 T6 Aluminium

970/1475mm x 1200mm Gate - P/coated

38 x 25mm Frame (Non-Mitred)

## 6063 T6 ALUMINIUM POSTS

50 x 1800 x 1.9mm In Ground Post

50 x 2100 x 1.9mm In Ground Latch Post

50 x 1300 x 1.9mm Flanged Post

50 x 1600 x 1.9mm Flanged Latch Post

### • In Ground Post

200 x 500/600mm Post Hole

Hole filled with Post Mix Concrete

### • Core Drilled Post

Minimum 75mm x 100mm Core Drill

Hole filled with MP60 Non-Shrink

Bostik Grout

### • Flanged Post - On Slab

M10 x 75mm Glavanised Dyna Bolt

### • Flanged Post - On Timber

14 x 75mm Hex Head Batten Screw

into Structural timber

## RECOMMENDED LATCH & HINGE

FR5091 - D&D Tech Top Pull Magna Latch

NATA Test Report #2013-026-S1L

HW2010 - D&D Tech Kwik Fit Spring Hinges

HW2020 - D&D Tech Std TruClose Hinges

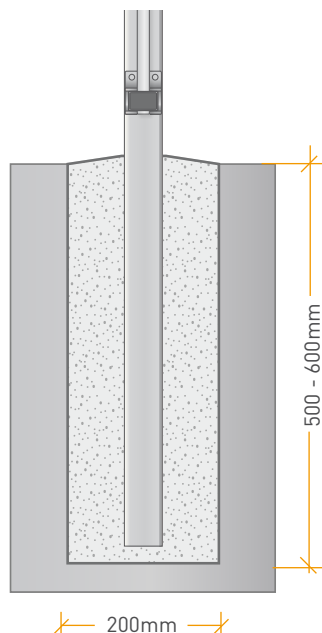
NATA Test Report #2014-027-S2H

**NB: Oxworks' Hinges & Latches installed correctly comply with clause 2.4.3 of AS1926.1 - 2012**

NB: All measurements have a manufacturing tolerance of +/- 2mm

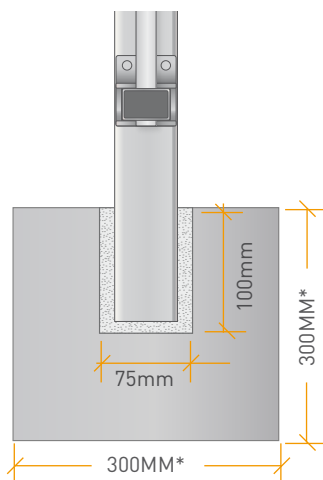
TITLE: **ALUMINIUM POOL FENCING**  
FLAT TOP

oxworks.com.au 1300 336 237



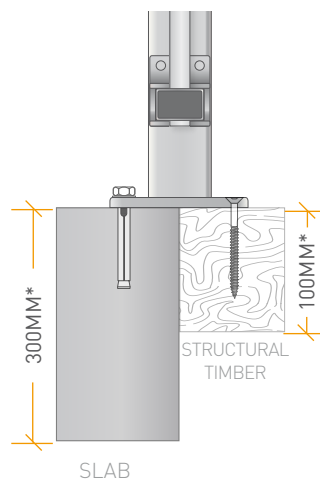
IN GROUND POST DETAIL

\*RECOMMENDED FOOTING DIMENSIONS ONLY



CORE DRILL POST DETAIL

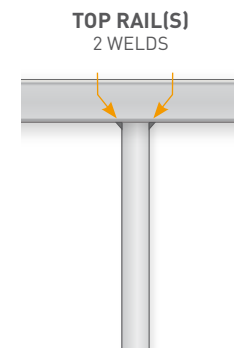
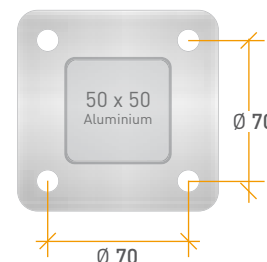
\*RECOMMENDED FOOTING DIMENSIONS ONLY



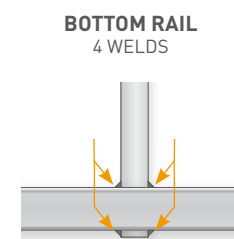
FLANGED (ON SLAB) POST DETAIL

\*RECOMMENDED FOOTING DIMENSIONS ONLY

**WELDED  
BASE PLATE**  
100 x 100mm  
11mm HOLES  
REFER TO NOTES



TOP RAIL(S)  
2 WELDS



BOTTOM RAIL  
4 WELDS

WELD DETAILS