

A Better Retaining Wall Solution

Traditional concrete and limestone retaining walls can be cumbersome and heavy, difficult to install and occupy precious living space.

Our innovative Fibrewall solution is:

- 1) Lightweight:** Fibrewall is designed to be lightweight, making it easy to handle during installation.
- 2) Durability:** Our Fibrewall solution is built to withstand the test of time, ensuring long-lasting performance.
- 3) Easy Installation:** Installing Fibrewall is a breeze, saving you time and effort.

Whether it's for retaining your boundary or underneath fences, Fibrewall offers a smart and efficient solution



Fibrewall Retaining

An extruded Fibrewall stackable sleeper designed to be used both as a plinth under steel panel fences or as a retaining wall sleeper.

Comes in two sizes to easily fit your desired application, 2380mm or 3150mm long x 150mm high by 50mm wide. Easily width adjustable – simply cut stackable sleeper to desired width



**Team Work
FENCING**

Colour Range

COLORBOND & WOOD LOOK

Colorbond range of 17 core colours and 2 wood look colours. Our retaining wall options have the biggest colour range inspired by the Australian landscape to help provide a perfect palette for your dream home.

COLORBOND® steel fencing colour range*



Warranty

Our manufacturing process prioritises the use of high-quality raw materials, and we never compromise on quality. Our confidence in the durability and reliability of our products is so strong that we offer a 10-year Warranty to back them up.

This warranty ensures the structural integrity of your retaining wall system. Consider it your guarantee that our products will endure for years to come.

Features and Benefits

Super tough design and engineered to retain up to 1.2m high of soil.

Patented Design.

Can sit neatly under Colorbond fences.

Perfect for preventing weeds or debris from protruding through gaps in fence.

Can also be used to level or increase the base height of the fence.

Sturdy Fibrewall design with a 20-year guarantee.

Unique design where bottom of the sleeper clips onto next sleeper ensuring a straight and seamless finish.

Ideal solution for garden edging.

Contact us for retaining wall specifications and engineering.



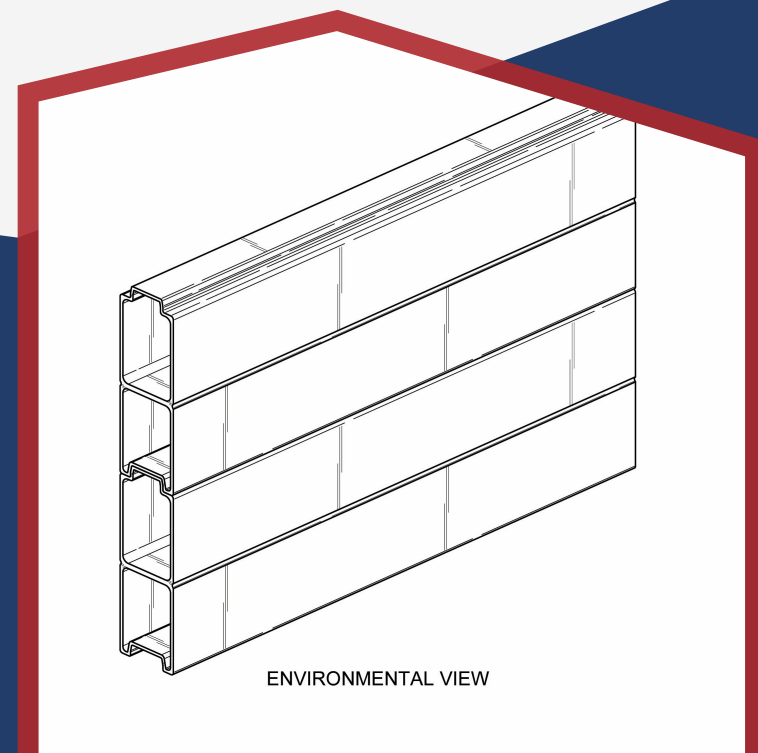
CONTACT US

PERTH

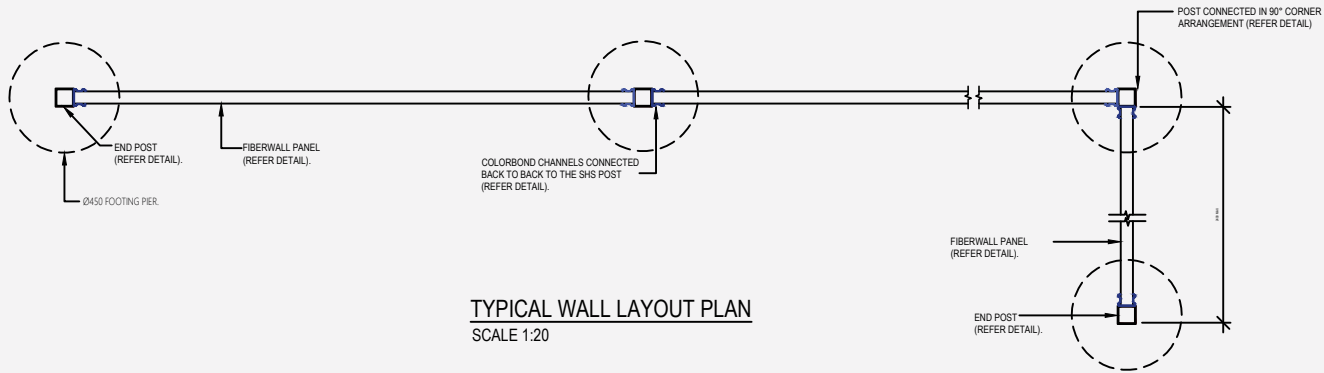
- ☎ 08 9450 1626
- 📍 80 Howe Street,
Osborne Park WA 6017

BUNBURY

- ☎ 08 9795 3447
- 📍 Unit 1, 1 Halifax Drive,
Davenport, WA 6230



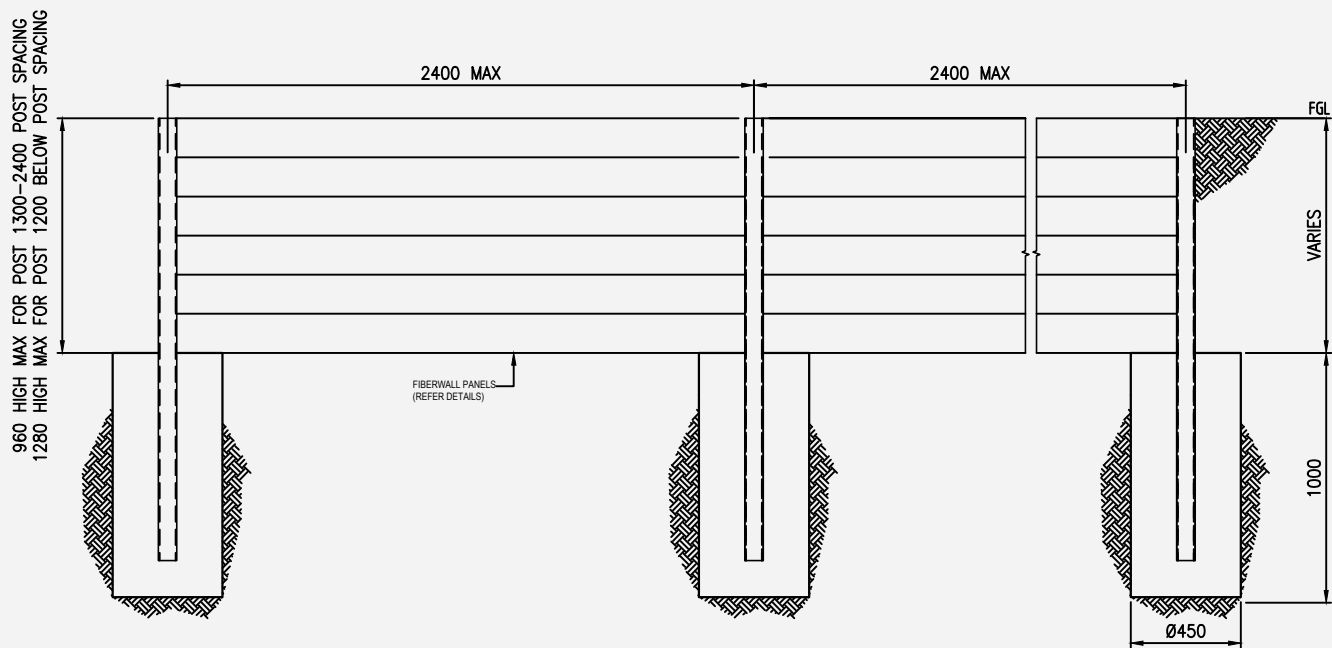
ENVIRONMENTAL VIEW



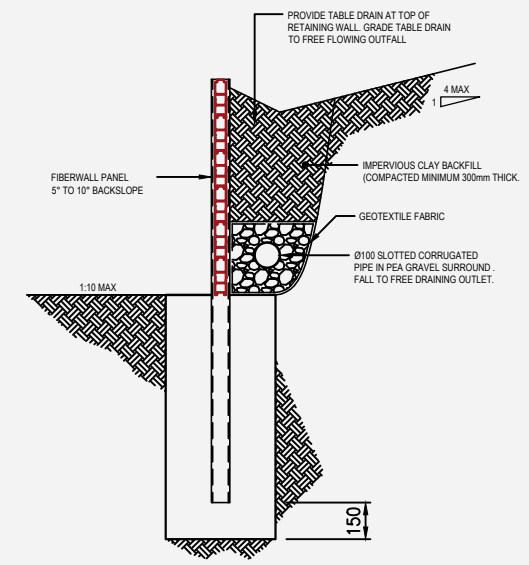
TYPICAL WALL LAYOUT PLAN
SCALE 1:20

IMPORTANT NOTE
THIS RETAINING WALL STRUCTURE HAS BEEN DESIGNED FOR SOIL PRESSURE AND SURCHARGE LOADS ONLY.
UNDER NO CIRCUMSTANCES IS A FENCE TO BE INSTALLED TO THE TOP, OR JUST BEHIND THE RETAINING WALL STRUCTURE WITHOUT AN AMENDED ENGINEERING DESIGN CERTIFICATION.
WE ACCEPT NO RESPONSIBILITY FOR ANY CHANGES TO THE DESIGN NOT APPROVED BY THIS OFFICE.
THE RETAINING WALL COMPONENTS HAVE BEEN DESIGNED FOR STRENGTH ONLY (i.e. NOT SERVICEABILITY LOADS). UNDER SERVICEABILITY LOADS SOME NOTICEABLE DEFLECTION TO FRAMING COMPONENTS MAY BE APPARENT. WHERE THIS IS NOT ACCEPTABLE, OBTAIN AMENDED DESIGN.

IMPORTANT NOTE
THE DETAILS SHOWN ON THIS DRAWING ARE FOR CONTRACTUAL INFORMATION ONLY. BUILDCERTIFY ACCEPTS NO RESPONSIBILITY FOR THE DETAIL PROVIDED UNLESS A SITE SPECIFIC FORM 15 OR DESIGN CERTIFICATE HAS BEEN PROVIDED.



TYPICAL ELEVATION
SCALE 1:20



TYPICAL SECTION
SCALE 1:20

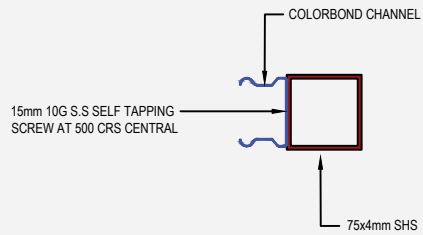
REV	DESCRIPTION	DATE	BY	CKD

BUILD CERTIFY
STRUCTURAL ENGINEERING CERTIFICATIONS
28 CARDIFF ST, WOODVILLE WEST SA 5011
PHONE: +61 472703833
EMAIL: INFO@BUILD CERTIFY.COM.AU
ABN 20 240 784 403 28

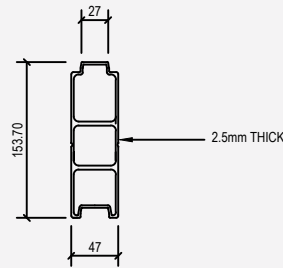
DESIGNED	DATE
LE	08/23
CHECKED	DATE
LE	08/23
DRAWN	DATE
LE	08/23

DRAWING TITLE:
FIBERWALL PANEL RETAINING WALL DETAILS
PROJECT:
VARIOUS LOCATIONS
CLIENT:
TEAMWORK FENCING

TECH APPROVED	
L. ENORE RPEQ 28992	08/08/23
SIZE	SCALE
A3	1:20
DRAWING NUMBER	
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TYPICAL END POST DETAIL
SCALE 1:5



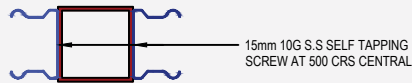
TYPICAL FIBERPANEL WALL DETAIL
SCALE 1:5

GENERAL NOTES:

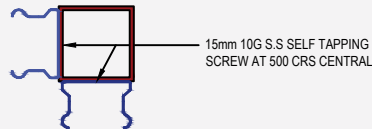
1. THE ALLOWABLE BEARING CAPACITY OF THE FOUNDING MATERIAL SHALL NOT BE LESS THAN 100kPa.
2. FOOTING SHALL BE CONSTRUCTED INTO UNDISTURBED SOIL OR CONTROLLED FILL.
3. THE WALL DESIGN PARAMETERS FOR THE BACKFILL ARE AS FOLLOWS:
 $\phi = 30^\circ$
 $\gamma = 18kN/m^3$
4. FOOTING CONCRETE SHALL BE CLASS N20 TO AS3600 AND AS2870 WITH 100 SLUMPS AND 20mm AGGREGATE.
5. ALL DIMENSION ARE IN MILLIMETRES UNO.

ADDITIONAL NOTES:

1. THE RETAINING WALL DETAILS HAVE BEEN PREPARED ON THE BASIS OF STRENGTH AND SERVICEABILITY REQUIREMENTS ONLY. ASSESSMENT OF THE DURABILITY OF THE RETAINING WALL COMPONENTS IN SERVICE SHALL BE MADE BY OTHERS.
2. THE RETAINING WALL HAS BEEN DESIGNED FOR A MAXIMUM SURCHARGE LOADING OF 5.0kPa. DO NOT EXCEED THIS REQUIREMENT. THE DESIGN OF THE RETAINING WALL HAS BEEN REVIEWED FOR COMPLIANCE WITH THE FOLLOWING AUSTRALIA STANDARDS:
AS4678 EARTH RETAINING STRUCTURES
AS3800 CONCRETE STRUCTURES
3. WHERE THERE IS DISTURBED GROUND, SOFT SOIL OR SERVICES PRESENT IN FRONT OF THE PROPOSED POST FOOTINGS, THE FOOTINGS WILL BE UNSUITABLE AND AN AMENDED FOOTING DESIGN WILL BE REQUIRED.
4. THE RETAINING WALL FOOTING IS BASED ON A STIFF COHESIVE OR DENSE NON-COHESIVE SOIL. ASSUMED FOUNDING CONDITIONS SHALL BE CONFIRMED DURING CONSTRUCTION. WHERE ROCK IS PRESENT AN AMENDED FOOTING DESIGN WILL BE REQUIRED.
5. THE RETAINING WALL IS NOT SUITABLE OR A STEEP SITE WHERE A LAND SLIP HAZARD HAS BEEN IDENTIFIED.
6. THE RETAINING WALL HAS NOT BEEN DESIGNED FOR INCORPORATION IN A TIERED CONFIGURATION. WHERE A TIERED RETAINING WALL IS PROPOSED, A SITE SPECIFIC DESIGN WILL BE REQUIRED.
7. WHERE A BUILDING STRUCTURE (INCLUDING POOL) LOCATED WITHIN 1500mm OF THE TOP OF THE RETAINING WALL, A SITE SPECIFIC DESIGN WILL BE REQUIRED.



POST CONNECTION
CONTINUOUS PANEL ARRANGEMENT
SCALE 1:5



POST CONNECTION
90° CORNER ARRANGEMENT
SCALE 1:5

REV	DESCRIPTION	DATE	BY	CKD

BUILDCERTIFY

STRUCTURAL ENGINEERING CERTIFICATIONS
CP/Eng, NER, APEC Eng, INHAUS/PEL, RPEQ, RPEV
 ABN 20 240 784 403 28

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DRAWING TITLE: FIBERWALL PANEL RETAINING WALL DETAILS	
PROJECT: VARIOUS LOCATIONS	CLIENT: TEAMWORK FENCING

TECH APPROVED		
L ENORE RPEQ 28992	08/08/23	
SIZE	SCALE	SHEET
A3	1:20	2 OF 2
DRAWING NUMBER		REV
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