













Modular Wall Systems™ is proudly Australian owned and manufactured. We take pride in our high levels of precision, speed of dispatch and service delivery.

Not only have we changed the way residential walls are built, our commercial acoustic walls are setting new benchmarks for noise solutions that benefit the greater community.

With a reputation for quality and innovation, Modular Wall Systems[™] have truly provided a revolutionary way to build stylish yet cost-effective walls and boundary fencing.



CONTACTS

Jason Harvey National Sales Manager jason@modularwalls.com.au 0433 628 951

Warren Bromfield Trade Sales warren@modularwalls.com.au 0405 839 530 Nick Holden Director nick@modularwalls.com.au (02) 9540 6666

Glenn Cooper In-house Trade Sales and Technical gcooper@modularwalls.com.au 1300 556 957 Hein Lourens Commercial Manager hein@modularwalls.com.au 0406 659 738

Glenn Small Operations Manager glenn@modularwalls.com.au 0488 004 628 Elizabeth Fell In-house Commercial Sales elizabeth@modularwalls.com.au 1300 556 957

Jimmy Josevski Production / Dispatch Manager jimmy@modularwalls.com.au 0404 240 479

National Agent and Installation Network 1300 556 957

www.modularwalls.com.au www.slimwall.com.au

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The Modular Walls Advantage

We have partnered with some of Australia's largest companies and government departments to solve their specific walling requirements. Modular Walls Systems™ have a proven performance record across thousands of commercial noise abatement, security, privacy and architectural projects. Rest assured, you are dealing with a well established organisation with over 30 years composite panel experience.















































SPEED

Modular Wall Systems[™] AcoustiMax[™] based fencing and walling systems are lightning fast to install. A team of two people can generally install 25+ I/m (lineal metres) per day. A standard 2400mm x 900mm AcoustiMax 75[™] panel weighs less than 35kg, making it easy for two people to lift and position. No cranes required.

EASILY CUSTOMISED

A finished Modular Wall Systems™ wall or fence mimics the appearance of a masonry wall enabling full design control. With no "bad side" your neighbours will also benefit from the added visual amenity. Choose more traditional styling by adding external post and wall caps, or go modern with flush capping. Easily integrate slat infills, timber pickets, letterboxes, lighting and access control as wiring can easily be run inside the wall or fence.





DURABLE

Composite panel technology provides a super strong yet lightweight wall that will continue to look great year after year. A Modular Wall Systems™ wall will not rot, crack or require constant maintenance.

COST EFFECTIVE

The proprietary Modular Wall Systems[™] post and panel system means there is no need for expensive strip footings. Super strong yet light AcoustiMax[™] panels require less handling and minimal tools. Its prefabricated system means minimal waste.





ACOUSTIC PROPERTIES

All Modular Wall Systems™ products have acoustic properties and are National Acoustic Lab tested and rated. The reflective panels achieve a 23+ dBA improvement and absorption panels exceed a Noise Reduction Coefficient (NRC) of 0.9. If we don't have a product to suit your specific acoustic requirements, we can create one for you. That's the advantage of dealing directly with the manufacturer.

ISO9001 QUALITY ASSURED

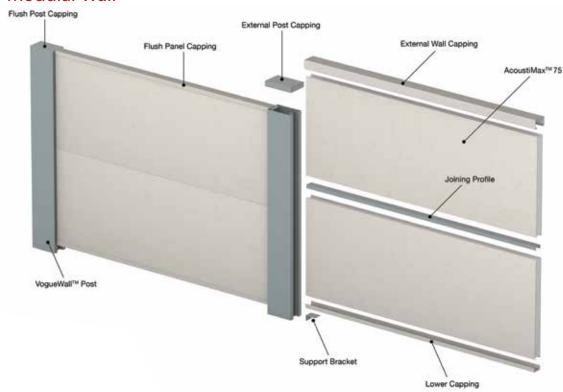
As an ISO certified company, quality manufacturing and precision engineering is central to Modular Wall System's philosophy. Reliability and durability are engineered into every Modular Walls product and rigorous quality control procedures ensure accurate manufacturing and service delivery to our clients. We have the reputation and knowledge base of over 30 years composite panel experience to back up our warranty.

The Modular Wall System™

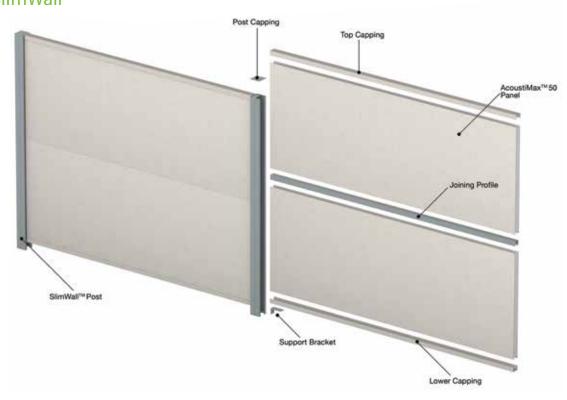
TYPICAL WALL CONSTRUCTION

In this manual all Modular Walls related products have a red colour theme, whilst our SlimWall[™] fencing range has a green colour theme.

Modular Wall



SlimWall™



Applications

Boundary Wall Solutions

Domestic or commercial development for screening, features, boundaries, separation and acoustic attenuation with typical wall heights up to 3.0 metres.

Wall Styles – SlimWall™, TrendWall™, VogueWall™ & EstateWall™









Commercial and Acoustic Wall Solutions

For visual screening, security, boundaries, separation and acoustic attenuation with wall heights above 3.0 metres (up to 9.0 metres.)

Wall Styles - BarrierWall™ & GuardianWall™









Temporary Wall Solutions

For relocatable visual screening, security and acoustic attenuation with wall heights to suit the application. Wall Styles – QuikWall™ & KerbWall™









Sound Absorbing Wall & Enclosure Solutions

For visual screening, security, boundaries, separation and acoustic attenuation with wall heights up to 9.0 metres.

Wall Styles - VogueWall™, BarrierWall™ & GuardianWall™









Custom, Gates & Decorative Features

Custom built walls, unusual features or applications and hinged or sliding composite gates manufactured to meet the project requirements.









How can we help with your next project?

As we have multiple wall and panel solutions, it is a combination of several aspects that will determine what is best suited for your particular requirements. As the manufacturer and inventor of the Modular Wall, we are always able to tailor a wall solution to meet your exact aesthetic, height, impact and density requirements.

TYPICAL CONSIDERATIONS:

- · Height of wall
- · Sound reduction requirement
 - * Has a decibel reduction or a wall density requirement been stated?
 - * Does the wall need to be reflective or sound absorbing?
- Type of Project Commercial or Residential focused
- · Wind region
- · Design life period: 25+ or 50+ years
- Compliance with any specific government regulations

Browse our different PANEL and WALL styles to help determine the best wall for your next project.

How to specify us

When specified on plans it is an advantage that the builder is supplied with contact details of our head office and not a re-seller of our products. This way we can assure that the correct level of service and advice is given. Once we have gained the correct information, Head Office can either supply materials directly or pass on the lead to an accredited local installer within the area.

Design Files - DWG

If you are specifying any products within this manual, we can assist by supplying you with the DWG files. Please email a request to: info@modularwalls.com.au or call 1300 556 957.

Custom innovation

Residential and commercial usage of Modular Wall Systems™ insulated panels range from a simple boundary fence to a complex temporary movable structure for drilling rigs. Whether you're a professional builder, an architect, or want to do it yourself, our products are easy to install, versatile and fully supported. Contact us directly on 1300 556 957 for advice and assistance.



Endeavour Awards 20013

Innovation

Innovation is in our DNA. Director, Nick Holden, was featured on the New Inventors programme on ABC TV in 2005 for inventing the concept and category that is now known as 'the modular wall'. Ever since, innovation has been the foundation on which our company has been built. We thrive on opportunities to solve complex problems and deliver breakthrough results. We apply our creativity across all aspects of our business and in the products, services and processes we deliver to our clients.

Our commitment to innovation, quality and service has earned us recognition from the industry. Modular Wall Systems™ was awarded the Industrial Product of the Year and Steel Innovation manufacturer of the Year in the 2013 Manufacturers' Monthly Endeavour Awards. In addition, we were nominated as a finalist in the Australian Steel Innovation of the Year category in 2014. These accolades are a testament to our core values and inspire us to continually deliver innovative solutions for our clients.

In direct response to exacting requirements for a multi-million dollar gas extraction project, Modular Wall Systems™ developed the ThermaMax™ Panel, a modular thermal heat control solution that was not previously available. This was specifically used to provide a thermal security perimeter to open flare burn off points and reduce temperatures by up to 150 °c.



Installation

Modular Wall Systems™ manage the entire process from concept drawings, detailed design and engineering through to a completed project. With vast experience on all levels we have managed design and installations for some of Australia's largest companies in regions as harsh and remote as Karratha, WA (Wind region D). We have an experienced team of accredited and licensed commercial installers with a proud record of zero site hours lost through injury. With extensive tier 1 and mining site experience we offer a complete and seamless service from concept through to delivery.









Design & Engineering

Our in-house and third party engineers use the latest and most up-to-date computer programs to design and model your complete wall and footing solution. Using leading edge structural analysis engineering software, we design and construct the most robust structures from the ground up to ensure your project is completed as cost effectively and safely as possible.

Modular Wall Systems[™] fully qualified engineers and project managers have many years of experience in design of walling solutions for major contractors and small builders; no project is too small, no project is too big and no challenge is insurmountable.

Our engineers are registered and accredited across every zone in Australia.

Clients can rest assure that all specially designed and potential contract winning solutions and pricing discussed at tender stage will remain confidential.

Our engineering designs will assist contractors in completing a project on time and on budget with our innovative solutions for all types of permanent or temporary walls.



Panel Specifications



Which wall system do the individual panels suit?

	SlimWall™	TrendWall™	VogueWall™	EstateWall™	BarrierWall™	GuardianWall™
AcoustiMax 75 [™]			✓	✓	✓	✓
AcoustiMax 75 TM 6mm skins			✓	✓	✓	✓
AcoustiMax 75 TM 9mm skins			✓	✓	✓	✓
TerraFirm 75 TM retaining panel			√	✓	✓	✓
AcoustiMax 40 [™]		✓				
EnduroMax [™] impact panel			✓	✓	✓	✓
AcoustiSorb 75 [™]			✓	✓	\checkmark	✓
AcoustiSorb 100 [™]						✓
CorroLink [™]					✓	✓
MicraLine 50 [™]	✓				✓	✓
AcoustiMax 50 [™]	✓					
TerraFirm 50 [™] retaining panel	✓					

Panel Structual Analysis:

Rankine Analysis, based on the following assumptions:

- 1. Horizontal backfill surface (less than 1:10 batter ratio)
- 2. Earth pressure acts perpendicular to the wall
- Vertical wall (with respect to retained soil)
- 4. Smooth wall (no friction with soil i.e. Effective Cohesion = 0kPa)
- 5. Homogeneous, free-draining granular backfill only against rear of wall Non surcharged load
- 6. Wall is located significantly above the water table (i.e. groundwater)
- 7. Actual wall pressure developed is indeterminately between KR and KA

Factor	Symbol	Units	Value	Notes
Unit Weight of Free-Draining Gravel Backfill	Y _S	kN/m³	18.9	Typical of medium density sands
Vehicular/Pedestrian Surcharge	q	kN/m²	3.591	Live pedestrian loads only
Angle of Internal Friction			33	Typical of medium density sands
Retained Soil Height	H _S	m	0.5	
TerraFirm 50™ Ultimate Load		kN/m	3.5	Avg. load testing by MWS
Lateral Earth Pressure Coefficient (Active)	K _A		0.26	(Not used)
Lateral Earth Pressure Coefficient (Active)	K _P		3.85	(Not used)
Lateral Earth Pressure Coefficient (At Rest)	K _R		0.41	*Key design input (for rigid wall)
Lateral Earth Pressure Coefficient (Earthquake)	K _E		0.31	
Lateral Earth Pressure - Soil	P _S	kN/m	1.1	0.5 x Y _S x H _S x K _R
Lateral Earth Pressure - Pore Water	P_{W}	kN/m	0	
Lateral Earth Pressure - Surcharge	P _Q	kN/m	0.8	q x H _S x K _R
Lateral Earth Pressure - Earthquakes	P _E	kN/m	0.5	0.375 x Y _S x H _S x K _E
Resultant Lateral Earth Pressure	R	kN/m	2.5	
Utilised Load Capacity of TerraFirm 50™ Panel		%	71%	PASS
Wall Height Above Soil (from Higher EGL)	H _W	m	0.5	
Panel Length	С	m		2.4
Post Type				SlimWall™

This analysis is of a general nature and is limited to the structural stability of the panel to withstand the prescribed soil conditions and the height listed. 'Tuning' of the wall geometry to the specific site conditions shall be undertaken by the manufacture prior to construction. Consideration of the post and foundation capacity against overturning, sliding, bearing and settlement shall be conducted seperately.

• Max retaining height of 500mm if the criteria above is met.

• Should be read in conjunction with our TerraFirm 50™ installation guide (available on request)

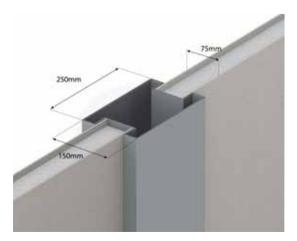
Fence & Wall Types



VogueWall™

FEATURES

- · Acoustically rated ideal for noise reduction
- Excellent for mounting a letter box into the post
- · Add lighting and gates to your modular wall for secure boundaries
- · Add decorative slat infills if desired
- Rated for all wind regions in Australia. Specific installation instructions will be supplied for cyclonic regions



The VogueWall™ is suited to any architectural style and because of its versatility is a very popular product. Designed around a single brick width pier, VogueWall™ is a decorative and appealing modular wall. VogueWall™ is perfect as a boundary or front wall, ideal as a feature wall or privacy wall. VogueWall™ is acoustically rated for proven noise reduction and can be finished with custom letterboxes, lighting, gates and slat infills.



VogueWall™ Specifications – snap shot

	Thickness	Density	Rw	Fire Class†	Max Wall Height	Post Centres	Wind Regions
AcoustiMax 75 TM * Standard panel choice for this wall	75mm	15.49kg/m²	28	BAL29	3000mm	2600mm 2900mm 3200mm	A, B & C

VogueWall™ Post and Panel Capping



Standard post and standard (box) panel capping



Standard post and flush panel capping



Flush post and standard (box) panel capping



Flush post and panel capping

[†] See fire appendix for details * Available with optional expressed panel joint

VogueWall™ - Retaining

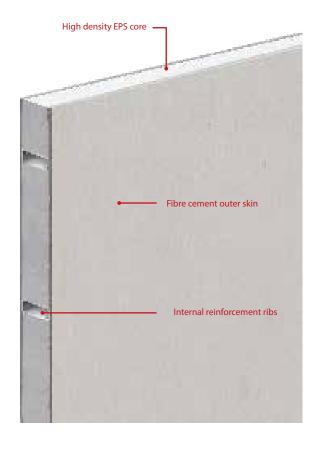
FEATURES

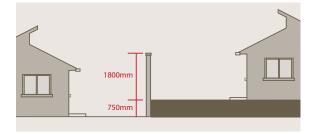
- · Ideal for stepped blocks
- Fibre cement outer skins
- · High density EPS core
- Internal reinforcing ribs
- TerraFirm 75™ panel to be used with Vogue, Estate, Barrier and Guardian wall types only
- · Fast, hassle free installation

The TerraFirm 75™ panel utilises a high density core material combined with internal strengthening ribs to resist the forces of nature. No need for an expensive stand-alone block retaining wall with a fence on top. Combine a Modular Wall with the TerraFirm 75™ retaining panel to maintain a continuous look.

* Designed for up to 2.5 kPa surcharged loads

	TerraFirm™75 Retaining Panel
Wall Styles	Vogue, Estate, Barrier, Guardian
Outer Skin	4.5mm FC Sheet
Panel Core	HD EPS + Reinforcement Ribs
Available Lengths (mm)	2400
Available Widths (mm)	600, 900, 1200
Thickness (mm)	75
Density	15.90 kg/m²
Soil Retention (mm) 2.5 kPa	750
RW	28







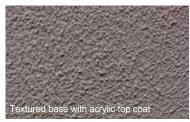
VogueWall™

ANCILLARY OPTIONS

Wall Finishing (paint & texture)

The system will accept any selfpriming acrylic paint (no additional primers needed). Each neighbour can finish their side to reflect their individual style and colour theme.





Slats & Infills

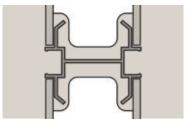
Add a designer edge to any wall, with varying height slat or infill options.





Expressed Joint

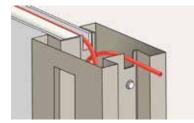
Add an architectural feature with our expressed joint profile.





Lighting

The wall panels have internal recesses to accept concealed cables for lighting or intercom style requirements.





Slatted or Custom Gates

Slatted or custom gates can be sourced and installed to the wall system.





Panel Gates

Available in custom sizes that seamlessly match the style of the wall.





Letterboxes

Incorporate most styles of letterboxes or utilise our own stainless steel faced modular box.





VOGUEWALL

WIND REGION DESIGN TABLE

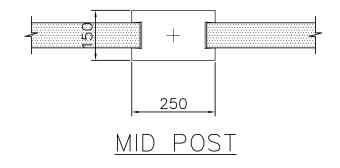
								=						$\overline{}$
WIND REGION	тс		TO			T1			T2			3	T4	T5
		FS	PS	NS	FS	PS	NS	FS	PS	NS	PS	NS	NS	NS
	3	N1	N1	N1	N1	N2	N2	N2	N2	N2	N3	N3	N3	N3
A	2.5	N1	N1	N2	N1	N2	N2	N2	N3	N3	N3	N3	N4	N4
	2	N1	N2	N2	N2	N2	N3	N2	N3	N3	N3	N3	N4	N4
	1	N2	N3	N3	N2	N3	N3	N3	N3	N4	N4	N4	N4	N5
	3	N2	N2	N3	N2	N3	N3	N3	N3	N4	N4	N4	N4	N5
В	2.5	N2	N3	N3	N3	N3	N3	N3	N4	N4	N4	N4	N5	N5
	2	N2	N3	N3	N3	N3	N4	N3	N4	N4	N4	N5	N5	N6
	1	N3	N4	N4	N4	N4	N4	N4	N5	N5	N5	N5	N6	N6
	3	C1	C1	C2	C1	C2	C2	C2	C2	C3	C3	C3	C3	C4
l c	2.5	C1	C2	C2	C2	C2	C2	C2	С3	С3	С3	С3	C4	N/A
	2	C1	C2	C2	C2	С3	С3	C2	С3	C3	СЗ	C4	C4	N/A
	1	C2	С3	С3	С3	С3	C3	С3	C4	C4	C4	N/A	N/A	N/A
	3	C2	C3	C3	C2	C3	C3	СЗ	C4	C4	C4	C4	N/A	N/A
	2.5	C2	С3	C3	С3	С3	C4	СЗ	C4	C4	C4	N/A	N/A	N/A
D	2	СЗ	С3	C4	С3	C4	C4	C4	C4	N/A	N/A	N/A	N/A	N/A
	1	С3	C4	C4	C4	N/A								

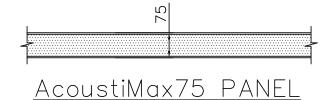
- * TABLE REPLICATED FROM AS4055: 2012, TABLE 2.2
- * SHIELDING FACTORS: "FS"- FULL SHIELDING, "PS"- PARTIAL SHIELDING, "NS"- NO SHIELDING

FOR ALL WIND AND TERRAIN CLASSIFICATIONS REFER AUSTRALIAN STANDARDS AS/NZS 1170.2: 2002.

WIND CLASSIFICATION	SERVICEABILITY GUST WIND SPEED (m/s)	ULTIMATE GUST WIND SPEED (m/s)
N1	26	34
N2	26	40
N3	32	50
N4	39	61
N5	47	74
N6	55	86
C1	32	50
C2	39	61
C3	47	74
C4	55	86

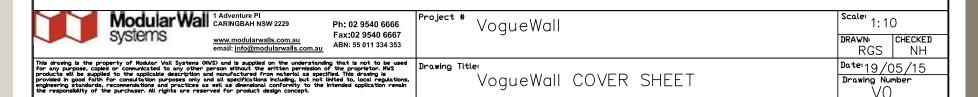
* TABLE REPLICATED FROM AS4055: 2012, TABLE 2.1A & 2.1B





QUICK REFERENCE GUIDE:

- 1, READ THROUGH VOGUE WALL INSTALLATION GUIDE & VOGUE WALL DRAWING PACKAGE,
- 2, ENSURE WALL TYPE & DESIRED HEIGHTS ARE SUITABLE FOR YOUR LOCATION.
- 3, PLAN YOUR WALL SET OUT, INCLUDING POSITIONS OF ALL POSTS, GATES & UNIQUE DESIGN FEATURES.
- 4, CONTACT MWS WITH YOUR ESTIMATED PRODUCT QUANTITIES, SKETCHES & PHOTOS,
- 5. 24/7 TECHNICAL & INSTALLATION ADVICE IS AVAILABLE ON PH: (02) 9540 6666. SELECT 'AFTER HOURS' OPTION.



1300

TABLE 1 - SUITABILITY OF POST HEIGHT FOR WIND CLASS WITH TYPICAL POST SPACING OF 2.6m

WALL HEIGHT	WIND CLASS IN ACCORDANCE WITH AS4055: 2012								
(mm)	N1	N2	N3 or C1	N4 or C2	N5 or C3	N6 or C4			
900	YES	YES	YES	YES	YES	YES			
1200	YES	YES	YES	YES	YES	YES			
1500	YES	YES	YES	YES	YES	YES			
1800	YES	YES	YES	YES	YES	N/A			
2100	YES	YES	YES	YES	N/A	N/A			
2400	YES	YES	YES	YES	N/A	N/A			
2700	YES	YES	YES	N/A	N/A	N/A			
3000	YES	YES	N/A	N/A	N/A	N/A			

N/A = NOT APPLICABLE WITHIN THIS PUBLICATION, PLEASE SEEK SITE-SPECIFIC RECOMMENDATIONS FROM MODULAR WALL SYSTEMS

TABLE 2 - SUITABILITY OF POST HEIGHT FOR WIND CLASS WITH TYPICAL POST SPACING = 2.9m

WALL HEIGHT	WIND CLASS IN ACCORDANCE WITH AS4055: 2012							
(mm)	N1	N2	N3 or C1	N4 or C2	N5 or C3	N6 or C4		
900	YES	YES	YES	YES	YES	YES		
1200	YES	YES	YES	YES	YES	YES		
1500	YES	YES	YES	YES	YES	N/A		
1800	YES	YES	YES	YES	N/A	N/A		
2100	YES	YES	YES	YES	N/A	N/A		
2400	YES	YES	YES	N/A	N/A	N/A		
2700	YES	YES	N/A	N/A	N/A	N/A		
3000	YES	YES	N/A	N/A	N/A	N/A		

N/A = NOT APPLICABLE WITHIN THIS PUBLICATION, PLEASE SEEK SITE—SPECIFIC RECOMMENDATIONS FROM MODULAR WALL SYSTEMS

TABLE 3 - SUITABILITY OF POST HEIGHT FOR WIND CLASS WITH TYPICAL POST SPACING OF 3.2m

WALL HEIGHT		WIND CL	ASS IN ACCORD	ANCE WITH AS40	055: 2012	
(mm)	N1	N2	N3 or C1	N4 or C2	N5 or C3	N6 or C4
900	YES	YES	YES	YES	YES	YES
1200	YES	YES	YES	YES	YES	YES
1500	YES	YES	YES	YES	YES	N/A
1800	YES	YES	YES	YES	N/A	N/A
2100	YES	YES	YES	N/A	N/A	N/A
2400	YES	YES	YES	N/A	N/A	N/A
2700	YES	YES	N/A	N/A	N/A	N/A
3000	YES	YES	N/A	N/A	N/A	N/A

N/A = NOT APPLICABLE WITHIN THIS PUBLICATION, PLEASE SEEK SITE-SPECIFIC RECOMMENDATIONS FROM MODULAR WALL SYSTEMS

TABLE 4 - FOOTING DEPTH FOR 100kPa S.B.C SOIL WITH STANDARD DIA. OF 450mm & POST SPACING OF 2.6m

WALL HEIGHT	WIND CLASS IN ACCORDANCE WITH AS4055: 2012						
(mm)	N1	N2	N3 or C1	N4 or C2	N5 or C3	N6 or C4	
900	400	450	500	600	800	1000	
1200	450	500	650	800	1100	1350	
1500	500	600	800	1000	1400	1700	
1800	600	700	950	1200	1700	N/A	
2100	700	850	1100	1400	N/A	N/A	
2400	800	950	1200	1600	N/A	N/A	
2700	900	1050	1400	N/A	N/A	N/A	
3000	1000	1200	N/A	N/A	N/A	N/A	

N/A = NOT APPLICABLE WITHIN THIS PUBLICATION, PLEASE SEEK SITE-SPECIFIC RECOMMENDATIONS FROM MODULAR WALL SYSTEMS

NOTE: FOOTING SIZE BASED ON MINIMUM SAFE SOIL BEARING CAPACITY OF 100kPa

TABLE 5 - FOOTING DEPTH FOR 100kPa S.B.C SOIL WITH STANDARD DIA. OF 450mm & POST SPACING OF 2.9m

WALL HEIGHT	WIND CLASS IN ACCORDANCE WITH AS4055: 2012						
(mm)	N1	N2	N3 or C1	N4 or C2	N5 or C3	N6 or C4	
900	400	400	500	650	900	1100	
1200	450	500	700	900	1150	1400	
1500	550	650	850	1100	1400	N/A	
1800	650	750	1000	1300	N/A	N/A	
2100	800	900	1200	1500	N/A	N/A	
2400	900	1000	1350	N/A	N/A	N/A	
2700	1000	1150	N/A	N/A	N/A	N/A	
3000	1100	1250	N/A	N/A	N/A	N/A	

N/A = NOT APPLICABLE WITHIN THIS PUBLICATION, PLEASE SEEK SITE-SPECIFIC RECOMMENDATIONS FROM MODULAR WALL SYSTEMS

NOTE: FOOTING SIZE BASED ON MINIMUM SAFE SOIL BEARING CAPACITY OF 100kPg

TABLE 6 - FOOTING DEPTH FOR 100kPa S.B.C SOIL WITH STANDARD DIA. OF 450mm & POST SPACING OF 3.2m

WALL HEIGHT	WIND CLASS IN ACCORDANCE WITH AS4055: 2012						
(mm)	N1	N2	N3 or C1	N4 or C2	N5 or C3	N6 or C4	
900	400	400	550	700	950	1200	
1200	500	550	750	950	1250	1500	
1500	600	700	900	1150	1550	N/A	
1800	700	800	1100	1350	N/A	N/A	
2100	850	950	1250	N/A	N/A	N/A	
2400	1000	1100	1450	N/A	N/A	N/A	
2700	1100	1200	N/A	N/A	N/A	N/A	
3000	1250	1350	N/A	N/A	N/A	N/A	

N/A = NOT APPLICABLE WITHIN THIS PUBLICATION, PLEASE SEEK SITE-SPECIFIC RECOMMENDATIONS FROM MODULAR WALL SYSTEMS

NOTE: FOOTING SIZE BASED ON MINIMUM SAFE SOIL BEARING CAPACITY OF 100kPd

TABLE 7 - FOOTING DEPTH FOR 60kPa S.B.C SOIL WITH STANDARD DIA. OF 450mm & POST SPACING OF 2.6m

WALL HEIGHT	WIND CLASS IN ACCORDANCE WITH AS4055: 2012					
(mm)	N1	N2	N3 or C1	N4 or C2	N5 or C3	N6 or C4
900	400	500	700	900	1200	1500
1200	550	650	900	1150	1550	2000
1500	650	850	1100	1450	1850	2400
1800	800	1000	1350	1750	2150	N/A
2100	950	1150	1550	2000	N/A	N/A
2400	1050	1300	1800	2250	N/A	N/A
2700	1200	1500	2000	N/A	N/A	N/A
3000	1350	1650	N/A	N/A	N/A	N/A

N/A = NOT APPLICABLE WITHIN THIS PUBLICATION, PLEASE SEEK SITE-SPECIFIC RECOMMENDATIONS FROM MODULAR WALL SYSTEMS

NOTE: FOOTING SIZE BASED ON MINIMUM SAFE SOIL BEARING CAPACITY OF 60kPa

TABLE 8 - FOOTING DEPTH FOR 60kPa S.B.C SOIL WITH STANDARD DIA. OF 450mm & POST SPACING OF 2.9m

WALL HEIGHT	WIND CLASS IN ACCORDANCE WITH AS4055: 2012						
(mm)	N1	N2	N3 or C1	N4 or C2	N5 or C3	N6 or C4	
900	450	550	750	950	1300	1650	
1200	600	700	950	1250	1700	1950	
1500	700	900	1200	1550	2100	2250	
1800	850	1050	1450	1850	2500	N/A	
2100	1000	1250	1700	2150	N/A	N/A	
2400	1150	1400	1900	N/A	N/A	N/A	
2700	1300	1600	N/A	N/A	N/A	N/A	
3000	1450	1750	N/A	N/A	N/A	N/A	

N/A = NOT APPLICABLE WITHIN THIS PUBLICATION, PLEASE SEEK SITE-SPECIFIC RECOMMENDATIONS FROM MODULAR WALL SYSTEMS

NOTE: FOOTING SIZE BASED ON MINIMUM SAFE SOIL BEARING CAPACITY OF 60kPa

TABLE 9 - FOOTING DEPTH FOR 60kPa S.B.C SOIL WITH STANDARD DIA. OF 450mm & POST SPACING OF 3.2m

WALL HEIGHT	WIND CLASS IN ACCORDANCE WITH AS4055: 2012						
(mm)	N1	N2	N3 or C1	N4 or C2	N5 or C3	N6 or C4	
900	450	600	800	1000	1400	1750	
1200	600	750	1050	1350	1850	2100	
1500	750	950	1300	1700	2200	N/A	
1800	900	1150	1550	2000	N/A	N/A	
2100	1050	1300	1800	N/A	N/A	N/A	
2400	1200	1500	2050	N/A	N/A	N/A	
2700	1350	1700	N/A	N/A	N/A	N/A	
3000	1500	1900	N/A	N/A	N/A	N/A	

N/A = NOT APPLICABLE WITHIN THIS PUBLICATION, PLEASE SEEK SITE-SPECIFIC RECOMMENDATIONS FROM MODULAR WALL SYSTEMS

NOTE: FOOTING SIZE BASED ON MINIMUM SAFE SOIL BEARING CAPACITY OF 60kPg

NOTE: THE RESULTS OUTLINED IN TABLES I AND 2 DO NOT APPLY TO POSTS WITHIN A DISTANCE 2H (WHERE HIS THE HEIGHT OF THE WALL)
FROM THE END OF ANY "FREE END", "FITHE WALL ERLIPRIS TO THE EDGE OF A FREE SHOUTE HEND THIS SHALL NOT BE
CLASSIFIED AS A "FREE END", WITHIN THE REGION OF INFLIENCE OF A "FREE END", A MODULAR WALL DESON MAY BE MODIFIED
TO BISJUES STRUCTURAL INTEGRITY BY EDITIER HALLING THE STRANDARD POST SPACING OR USING REPHYROCED POST.

NOTE: FOOTING SIZES ARE PROVIDED AS A GUIDE FOR ESTIMATION ONLY; FINAL DESIGN PARAMETERS SHALL BE SUBJECT TO A REVIEW OF ONSITE GEOTECHNICAL CONDITIONS



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(02) 9540 6667 REFERENCE: VOGUEWALL

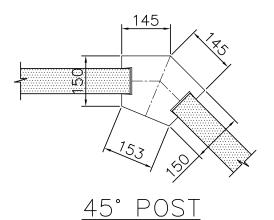
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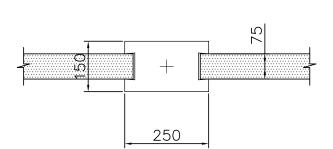
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VOGUEWALL DATA TABLES

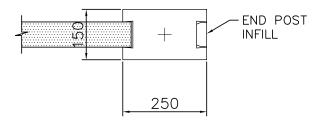
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REVISION NUMBER: A

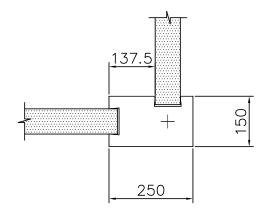




MID POST



POST WITH INFILL



CORNER POST

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U		

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VoqueWall

Drawing Title:

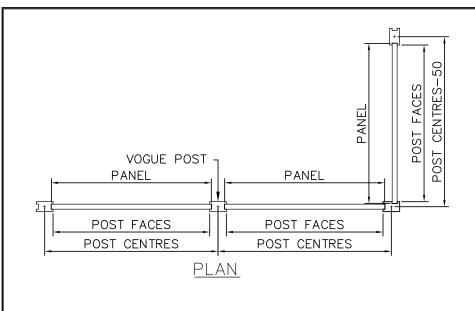
TYPICAL Vogue POST DETAILS

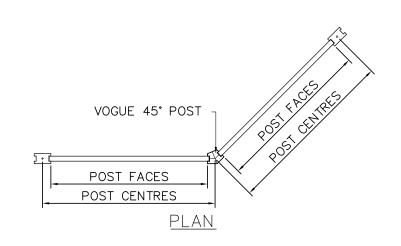
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Drawing Number





VOGUEWALL WITH ACOUSTIMAX75						
PANEL LENGTH	POST CENTRES	POST FACE TO POST FACE				
2400	2600	2350				
2700	2900	2650				
3000	3200	2950				



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Drawing Title:

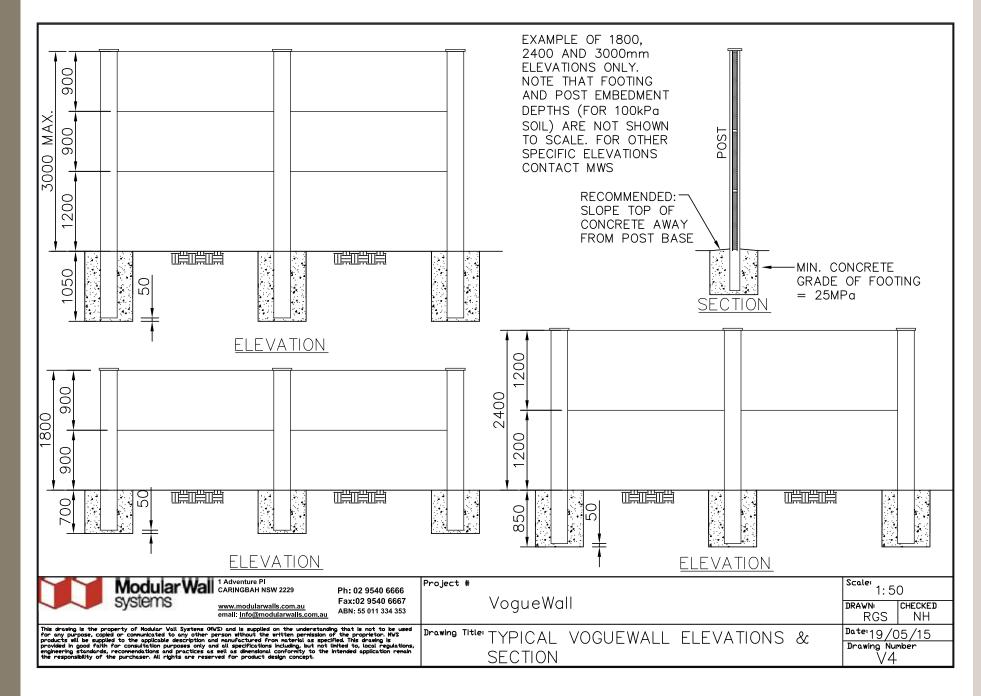
VogueWall

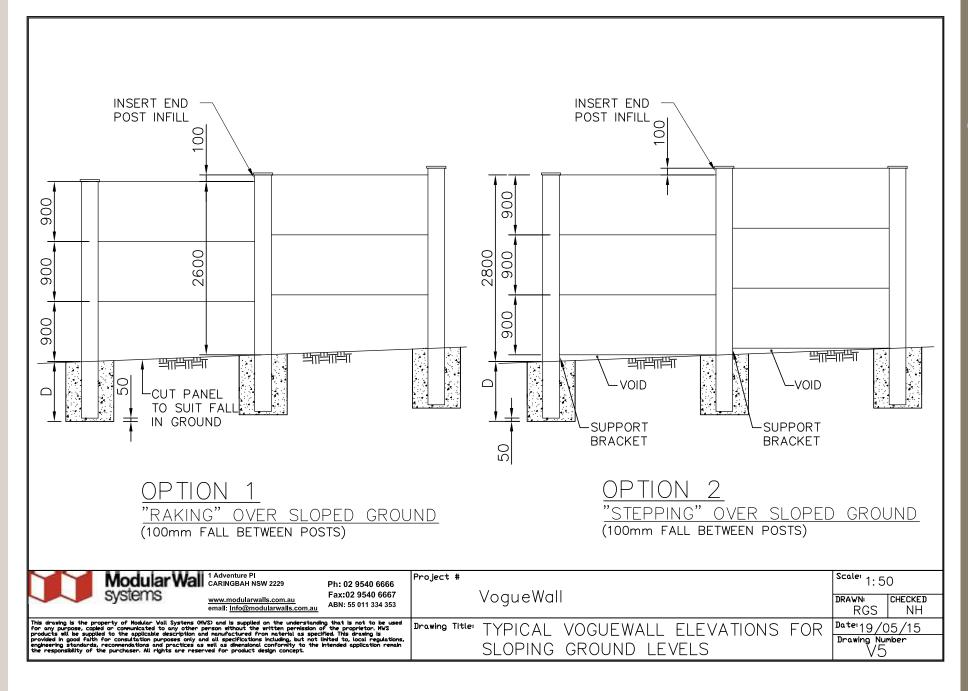
Scale 1:50

CHECKED DRAWN: RGS NΗ Date: 19/05/15 Drawing Number

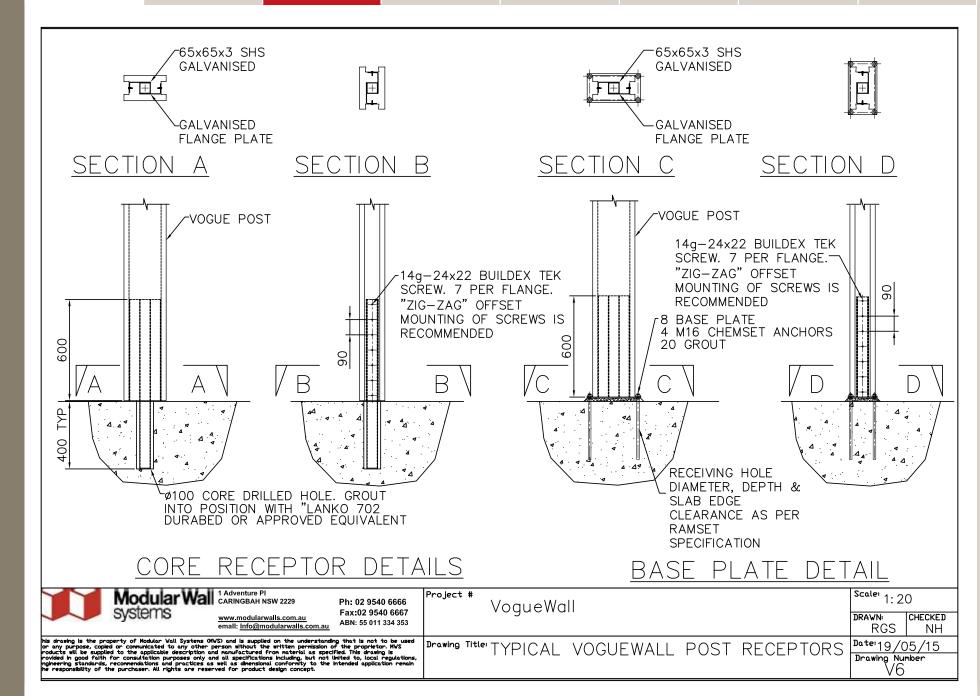
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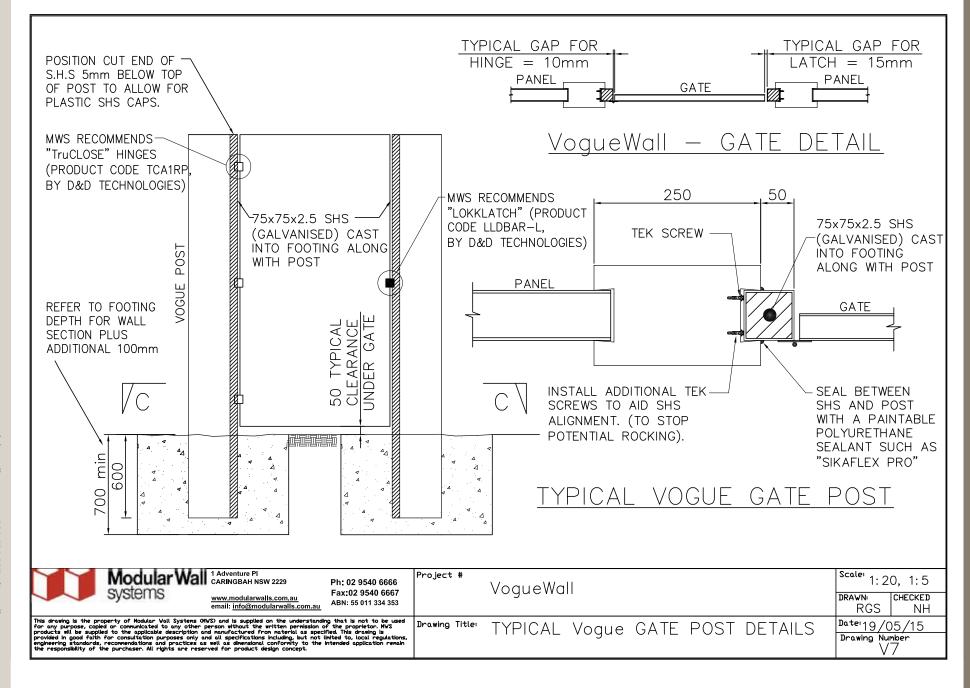
TYPICAL Vogue WALL PLAN

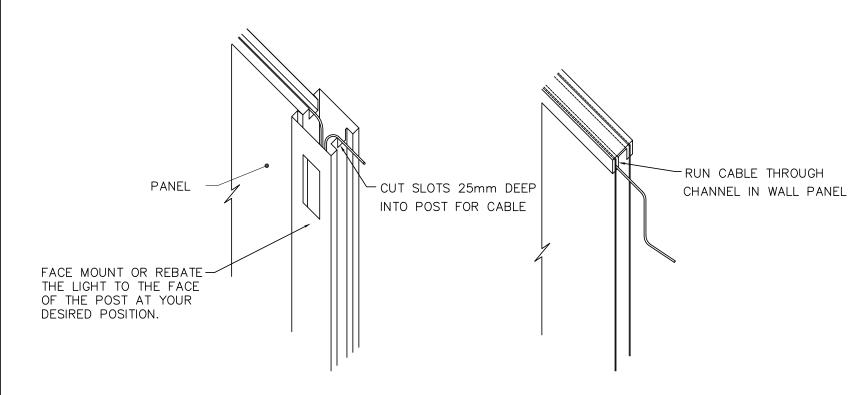




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LIGHTING INTO POST AND ALONG PANEL

NOTE: ANY CUT EDGES SHOULD BE TREATED ACCORDINGLY WITH A ZINC RICH PAINT AND SEALED WITH EXTERIOR GRADE SILICON AFTER THE INSTALLATION IS COMPLETE.

IMPORTANT: CONSULT A LICENCED ELECTRICIAN FOR POWER REQUIREMENTS.

M.W.S RECOMMENDS 12 VOLT LIGHTING.



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Project # Voque POST

1:15 DRAWN: CHECKED RGS

NH Date: 19/05/15

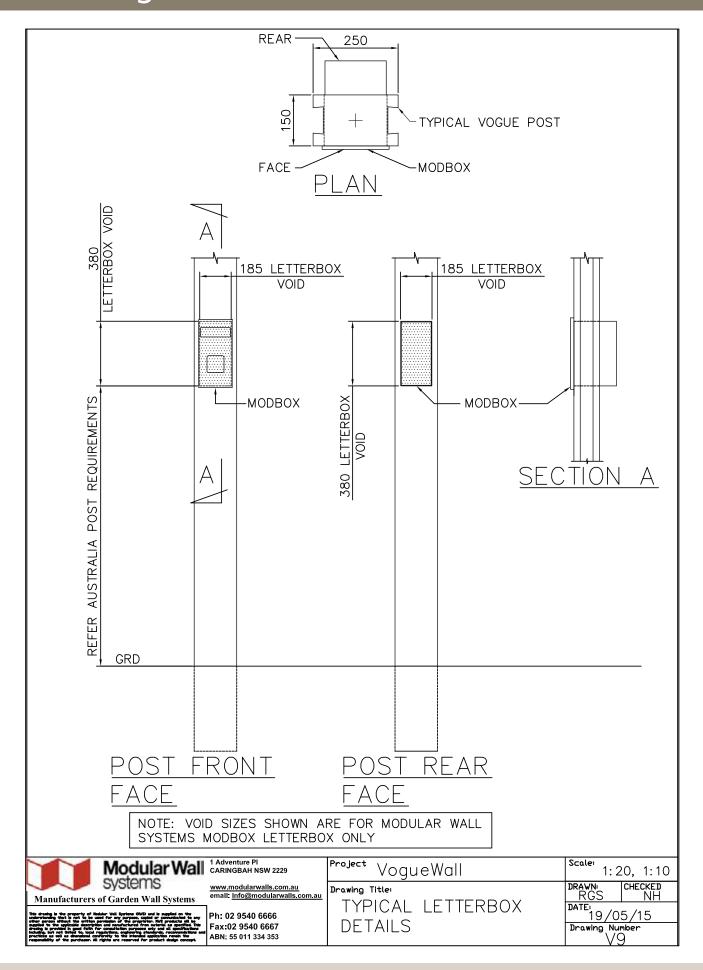
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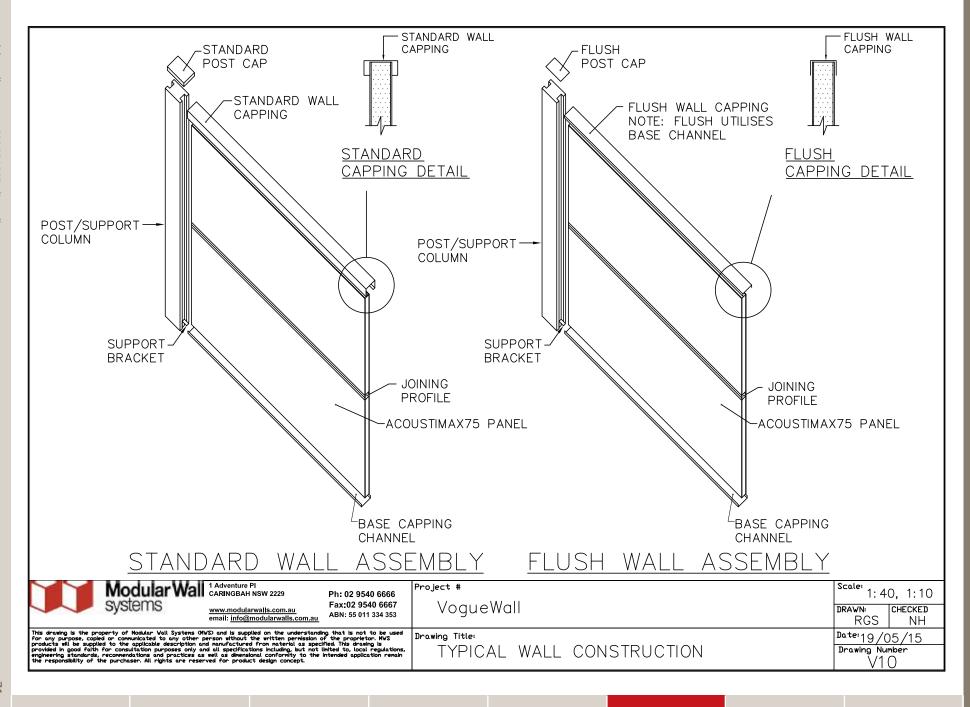
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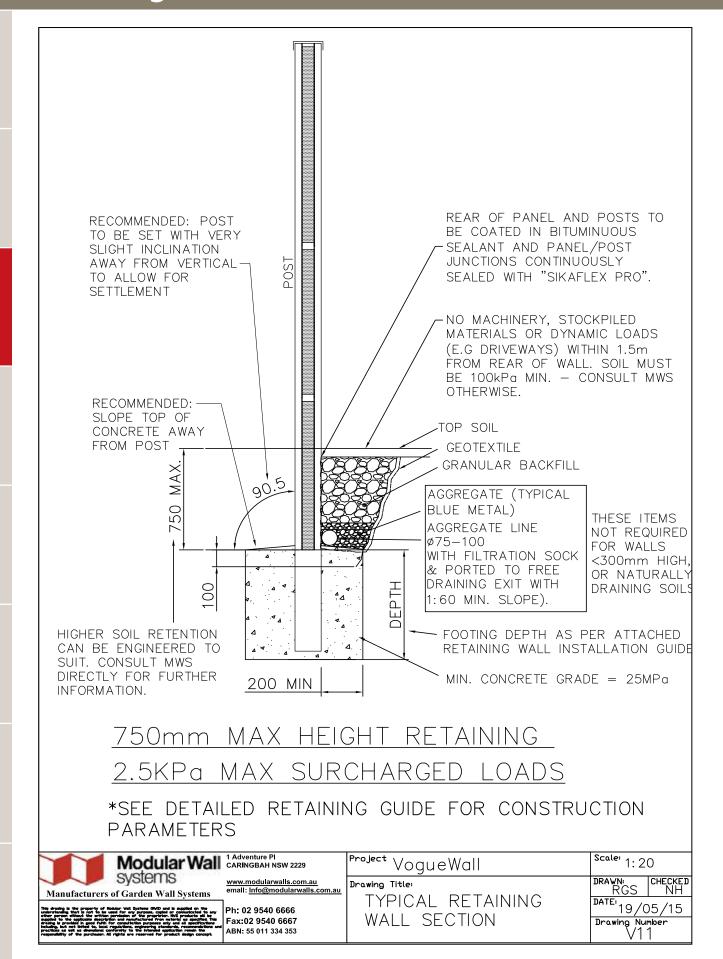
TYPICAL LIGHTING DETAILS

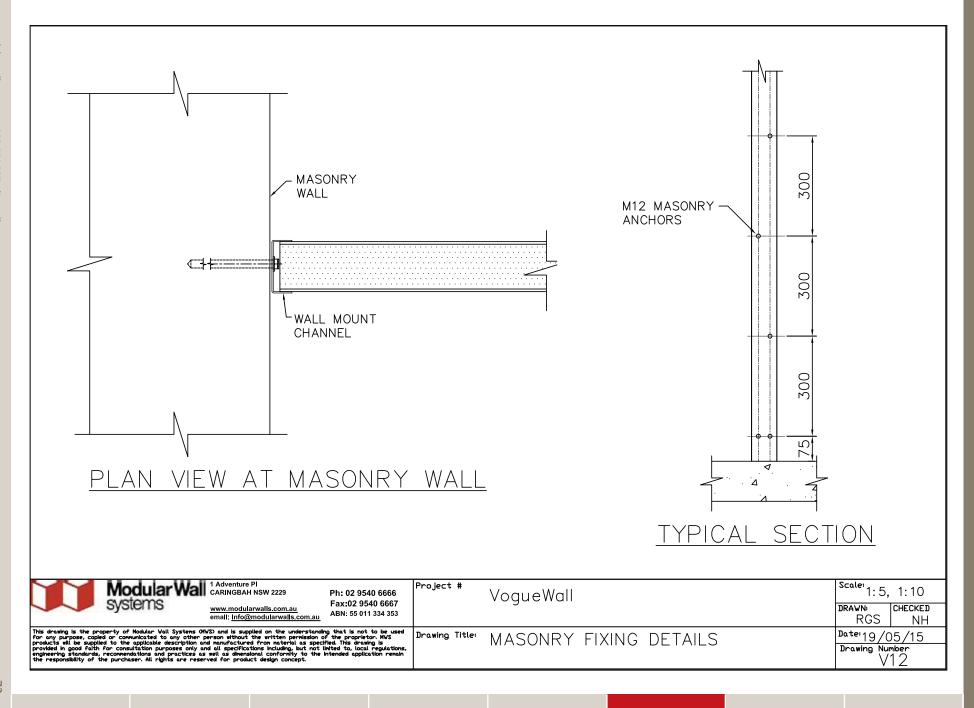
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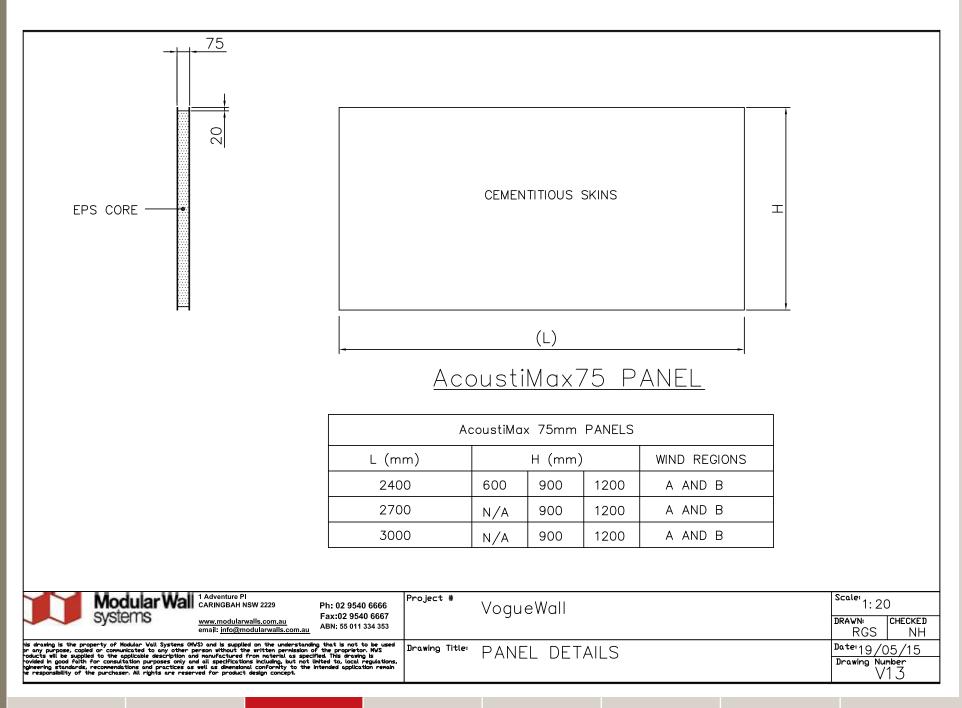
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