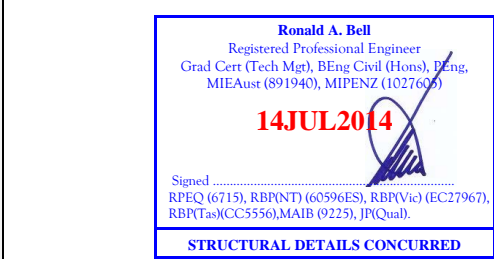


# Form 15—Compliance Certificate for building Design or Specification

NOTE	<p>This is to be used for the purposes of section 10 of the <i>Building Act 1975</i> and/or section 46 of the <i>Building Regulation 2006</i>.</p> <p>RESTRICTION: A building certifier (class B) can only give a compliance certificate about whether building work complies with the BCA or a provision of the QDC. A building certifier (Class B) can not give a certificate regarding QDC boundary clearance and site cover provisions.</p>	
<p>1. Property description</p> <p>This section need only be completed if details of street address and property description are applicable.</p> <p>EG. In the case of (standard/generic) pool design/shell manufacture and/or patio and carport systems this section may not be applicable.</p>	<p>Street address <i>(include no., street, suburb / locality &amp; postcode)</i></p> <p>XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX</p> <p>Lot &amp; plan details <i>(attach list if necessary)</i></p> <p>XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX</p> <p>In which local government area is the land situated?</p> <p>XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX</p>	
2. Description of component/s certified	<p>Summermore Pty Ltd confirm that we have designed the NRG 600, 900 and 1200mm Lightweight Hood Brackets, Fixings and Spacings as detailed on the attached drawings for Wind Classification up to C3 Wind Classification.</p>	
3. Basis of certification	<p>AS/NZS1170.0, AS/NZS1170.1, AS4100, AS/NZS1170.2, AS1720.1, AS3700, AS4600.</p>	
4. Reference documentation	<p>11-4034-S01—S02</p>	
5. Building certifier reference number	<p>Building certifier reference number</p> <p></p>	
6. Competent person details	<p>Name <i>(in full)</i></p> <p>Ronald Albert BELL</p> <p>Company name <i>(if applicable)</i></p> <p>Summermore Pty Ltd</p> <p>Contact person</p> <p>Ronald Bell</p> <p>Phone no. <i>business hours</i></p> <p>07 38000973</p> <p>Mobile no.</p> <p>0438288116</p> <p>Fax no.</p> <p>07 38001860</p> <p>Email address</p> <p><a href="mailto:ron@summermore.com.au">ron@summermore.com.au</a></p> <p>Postal address</p> <p>PO Box 1671, Browns Plains BC, Queensland, 4118</p> <p>Licence or registration number <i>(if applicable)</i></p> <p>RPEQ 6715</p>	
<p>7. Signature of competent person</p> <p>This certificate must be signed by the individual assessed by the building certifier as competent.</p>	<p>Signature</p>  <p>Signed ..... RPEQ (6715), RBP(NT) (60596ES), RBP(Vic) (EC27967), RBP(Tas)(CC5556), MAIB (9225), JP(Qual).</p> <p>STRUCTURAL DETAILS CONCURRED</p>	<p>Date</p> <p>Monday, July 14, 2014</p>

## LOCAL GOVERNMENT USE ONLY

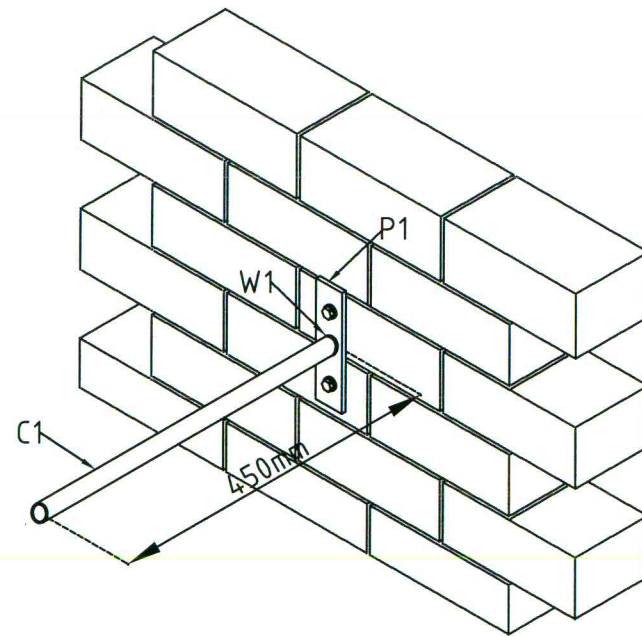
Date received		Reference Number/s	
---------------	--	--------------------	--

The *Building Act 1975* is administered by the  
Department of Housing and Public Works

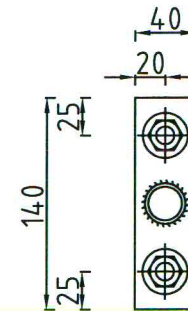


**Queensland  
Government**

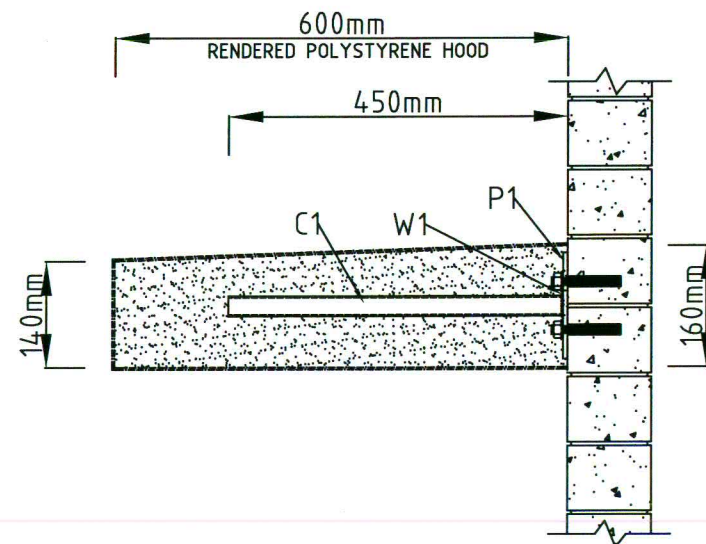




ISOMETRIC (EXAMPLE)  
SCALE 1:10



PLAN VIEW  
SCALE 1:5



ELEVATION (EXAMPLE)  
SCALE 1:10

#### GENERAL NOTES

1. DESIGN LOADINGS ARE AS PER AS1170 (2002) - PART 2 WIND LOADS, WIND CLASSIFICATION C3 MAXIMUM, TERRAIN CATEGORY 2 & 3. NON TRAFFICABLE.
2. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS4100 - STEEL STRUCTURES.
3. ALL COMPONENTS TO BE HOT DIP GALVANISED AFTER FABRICATION.
4. STEEL GRADE SHALL BE G350.
5. WHERE FIXING BRACKETS TO TIMBER STUD WALLS THE SUPPORTING STUD SHALL BE ACCURATELY LOCATED AND THE COACH SCREWS SHALL BE INSTALLED ALONG THE STUD CENTRE LINE
6. WHERE FIXING BRACKETS TO BRICKWORK THE FIXINGS SHALL NOT BE LOCATED WITHIN 400mm OF THE EDGE OF THE BRICK WALL.
7. WHERE FIXING BRACKETS TO CONCRETE CORE FILLED BLOCKWORK THE FIXINGS SHALL NOT BE LOCATED WITHIN 100mm OF THE EDGE OF THE BLOCK WALL.
8. THIS DESIGN SHALL NOT BE USED WITHOUT WRITTEN ASSESSMENT OF THE WIND LOADING CONDITIONS APPLICABLE TO THE PARTICULAR SITE.
9. CAPACITY OF EXISTING STRUCTURE MUST BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.

#### STRUCTURAL STEELWORK NOTES

- S1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 4100.
- S2. WELDING SHALL BE PERFORMED BY AN EXPERIENCED OPERATOR IN ACCORDANCE WITH AS 1554. ALL WELDS SHALL BE SP WELDS WELDING CONSUMABLES TO BE W50X U.N.O. ALL WELDS TO BE 6mm CFW SP category U.N.O.
- S3. BOLTS SHALL BE GRADE 8.8/S BOLTS TO AS 1252 TIGHTENED TO A SNUG TIGHT FIT UNLESS NOTED OTHERWISE. BOLTS DESIGNATED HS SHALL BE HIGH STRENGTH STEEL BOLTS TO AS 1252 TIGHTENED TO A SNUG TIGHT FIT. BOLTS DESIGNATED HSTF AND HSTB SHALL BE HIGH STRENGTH STEEL BOLTS TO AS 1252 FULLY TENSIONED IN ACCORDANCE WITH AS 4100.
- S4. THE CONTRACTOR SHALL PROVIDE AND LEAVE IN PLACE UNTIL PERMANENT BRACING ELEMENTS ARE CONSTRUCTED SUCH TEMPORARY BRACING AS IS NECESSARY TO STABILISE THE STRUCTURE DURING ERECTION.
- S5. CONCRETE ENCASED STEELWORK SHALL BE WRAPPED WITH F41 FABRIC, UNLESS OTHERWISE SHOWN.
- S6. THE ENDS OF ALL TUBULAR MEMBERS ARE TO BE SEALED WITH NOMINAL THICKNESS PLATES AND CONTINUOUS FILLET WELD UNLESS OTHERWISE SHOWN.
- S7. CAMBER TO BE AS NOTED ON THE DRAWINGS.
- S8. BEFORE FABRICATION IS COMMENCED THE CONTRACTOR SHALL SUBMIT COPIES OF THE SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW. REVIEW DOES NOT INCLUDE CHECKING OF DIMENSIONS.
- S9. UNLESS OTHERWISE SPECIFIED ALL STEELWORK SHALL BE PAINTED ONE SHOP COAT OF APPROVED ZINC RICH PRIMER. MEMBERS ENCASED IN CONCRETE, FIRE SPRAYED OR HSTF BOLTED CONNECTIONS MUST NOT BE PAINTED.
- S10. EXCEPT WHERE OTHERWISE SHOWN WELDS TO BE 8mm CONTINUOUS FILLET.

#### MEMBER TABLE

C1 = 28Øx2.0 CHS CANTILEVERED TUBE (G350)
P1 = 140x40x6.0mm END PLATE WITH 2x13mm HOLES
W1 = FPBW END OF C1 TO P1

#### FIXING TABLE

WALL TYPE		No. OFF	FIXINGS	BRACKET CENTRES (mm) PER WIND CLASSIFICATION			
				N2	N3/C1	N4/C2	C3
CORE FILLED BLOCKWORK	2		M12 CHEMSET, 125mm EMBEDMENT	600	600	600	600
			M12 ANKA SCREW, 100mm EMBEDMENT	600	600	600	600
TIMBER STUD	JD3	2	M12 COACH SCREWS, 75mm LONG	600	600	600	600
	JD4		M12 COACH SCREWS, 75mm LONG	600	600	600	560
BRICKWORK (3 HOLE)	2		M12 CHEMSET 101, 65mm EMBEDMENT	600	600	600	510
			-	-	-	-	-
CF STEEL STUD G550 0.95 BMT (min)	2		M12 PURLIN BOLT	600	600	600	600
			-	-	-	-	-

#### DRAWING REVISIONS

REV	DESCRIPTION	BY	DATE
-	PRELIMINARY FOR CLIENT APPROVAL	GAB	

#### REFERENCE DRAWINGS

DRAWING NAME	TITLE

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

APPROVED		
RPEQ	6715	
DESIGNED	RAB	JUL2014
DRAWN	GAB	JUL2014
SCALE	AS SHOWN	
ORIGINAL DRAWING SIZE at A3		

Summertime Pty Ltd  
Consulting Engineers  
ACN: 108 898 433  
ABN: 42 108 898 433  
ron@summertime.com.au  
www.summertime.com.au  
PO Box 1671  
Browns Plains BC, QLD, 4118  
Phone: 07 3800 0973  
Fax: 07 3800 1860

#### CLIENT

NRG BUILDING SYSTEMS  
Unit 4 32-38 Dover Drive,  
West Burleigh,  
QLD, 4220

#### PROJECT

600mm LIGHT WEIGHT HOOD BRACKET

#### TITLE

GENERAL NOTES/ELEVATION/ISOMETRIC

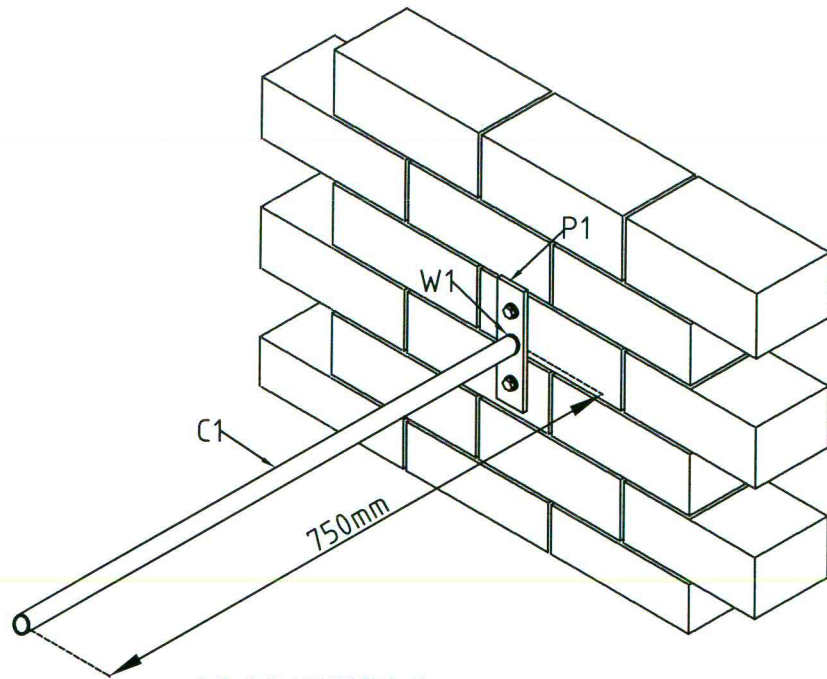
#### DRAWING NUMBER

11-4034-S01

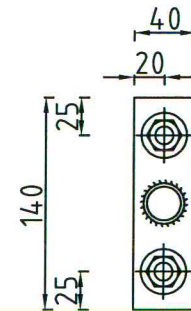
#### REV

-

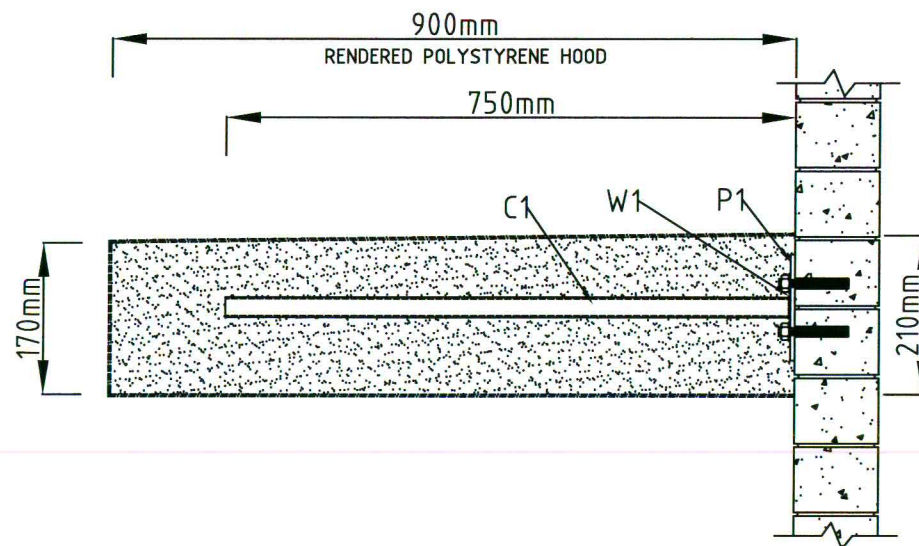




ISOMETRIC (EXAMPLE)  
SCALE 1:10



PLAN VIEW  
SCALE 1:5



ELEVATION (EXAMPLE)  
SCALE 1:10

#### GENERAL NOTES

1. DESIGN LOADINGS ARE AS PER AS1170 (2002) - PART 2 WIND LOADS, WIND CLASSIFICATION C3 MAXIMUM, TERRAIN CATEGORY 2 & 3, NON TRAFFICABLE.
2. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS4100 - STEEL STRUCTURES.
3. ALL COMPONENTS TO BE HOT DIP GALVANISED AFTER FABRICATION.
4. STEEL GRADE SHALL BE G350.
5. WHERE FIXING BRACKETS TO TIMBER STUD WALLS THE SUPPORTING STUD SHALL BE ACCURATELY LOCATED AND THE COACH SCREWS SHALL BE INSTALLED ALONG THE STUD CENTRE LINE
6. WHERE FIXING BRACKETS TO BRICKWORK THE FIXINGS SHALL NOT BE LOCATED WITHIN 400mm OF THE EDGE OF THE BRICK WALL.
7. WHERE FIXING BRACKETS TO CONCRETE CORE FILLED BLOCKWORK THE FIXINGS SHALL NOT BE LOCATED WITHIN 100mm OF THE EDGE OF THE BLOCK WALL.
8. THIS DESIGN SHALL NOT BE USED WITHOUT WRITTEN ASSESSMENT OF THE WIND LOADING CONDITIONS APPLICABLE TO THE PARTICULAR SITE.
9. CAPACITY OF EXISTING STRUCTURE MUST BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.

#### STRUCTURAL STEELWORK NOTES

- S1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 4100.
- S2. WELDING SHALL BE PERFORMED BY AN EXPERIENCED OPERATOR IN ACCORDANCE WITH AS 1554. ALL WELDS SHALL BE SP WELDS WELDING CONSUMABLES TO BE W50X U.N.O. ALL WELDS TO BE 6mm CFW SP category U.N.O.
- S3. BOLTS SHALL BE GRADE 8.8/S BOLTS TO AS 1252 TIGHTENED TO A SNUG TIGHT FIT UNLESS NOTED OTHERWISE. BOLTS DESIGNATED HS SHALL BE HIGH STRENGTH STEEL BOLTS TO AS 1252 TIGHTENED TO A SNUG TIGHT FIT. BOLTS DESIGNATED HSTF AND HSTB SHALL BE HIGH STRENGTH STEEL BOLTS TO AS 1252 FULLY TENSIONED IN ACCORDANCE WITH AS 4100.
- S4. THE CONTRACTOR SHALL PROVIDE AND LEAVE IN PLACE UNTIL PERMANENT BRACING ELEMENTS ARE CONSTRUCTED SUCH TEMPORARY BRACING AS IS NECESSARY TO STABILISE THE STRUCTURE DURING ERECTION.
- S5. CONCRETE ENCASED STEELWORK SHALL BE WRAPPED WITH F41 FABRIC, UNLESS OTHERWISE SHOWN.
- S6. THE ENDS OF ALL TUBULAR MEMBERS ARE TO BE SEALED WITH NOMINAL THICKNESS PLATES AND CONTINUOUS FILLET WELD UNLESS OTHERWISE SHOWN.
- S7. CAMBER TO BE AS NOTED ON THE DRAWINGS.
- S8. BEFORE FABRICATION IS COMMENCED THE CONTRACTOR SHALL SUBMIT COPIES OF THE SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW. REVIEW DOES NOT INCLUDE CHECKING OF DIMENSIONS.
- S9. UNLESS OTHERWISE SPECIFIED ALL STEELWORK SHALL BE PAINTED ONE SHOP COAT OF APPROVED ZINC RICH PRIMER. MEMBERS ENCASED IN CONCRETE, FIRE SPRAYED OR HSTF BOLTED CONNECTIONS MUST NOT BE PAINTED.
- S10. EXCEPT WHERE OTHERWISE SHOWN WELDS TO BE 8mm CONTINUOUS FILLET.

MEMBER TABLE	
C1 =	28Øx2.0 CHS CANTILEVERED TUBE (G350)
P1 =	140x40x6.0mm END PLATE WITH 2x13mm HOLES
W1 =	FPBW END OF C1 TO P1

FIXING TABLE							
			BRACKET CENTRES (mm) PER WIND CLASSIFICATION				
WALL TYPE		No. OFF	FIXINGS	N2	N3/C1	N4/C2	C3
CORE FILLED BLOCKWORK		2	M12 CHEMSET, 125mm EMBEDMENT	600	600	600	600
			M12 ANKA SCREW, 100mm EMBEDMENT	600	600	600	600
TIMBER STUD	JD3	2	M12 COACH SCREWS, 75mm LONG	600	600	490	330
	JD4		M12 COACH SCREWS, 75mm LONG	600	550	370	250
BRICKWORK (3 HOLE)		2	M12 CHEMSET 101, 65mm EMBEDMENT	600	500	330	220
			-	-	-	-	-
CF STEEL STUD G550 0.95 BMT (min)		2	M12 PURLIN BOLT	600	600	600	600
			-	-	-	-	-

DRAWING REVISIONS				REFERENCE DRAWINGS				COPYRIGHT		SIGNED APPROVAL		Summermore Pty Ltd		CLIENT		PROJECT	
								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 SUMMMERMORE PTY LTD	APPROVED			Consulting Engineers	ACN: 108 898 433 ABN: 42 108 898 433 ron@summermore.com.au www.summermore.com.au		NRG BUILDING SYSTEMS		900mm LIGHT WEIGHT HOOD BRACKET
								RPEQ	6715						TITLE	GENERAL NOTES/ELEVATION/ISOMETRIC	
								DESIGNED	RAB	JUL2014					Unit 4 32-38 Dover Drive,		
								DRAWN	GAB	JUL2014					West Burleigh,		
								SCALE	AS SHOWN						QLD, 4220		
								DO NOT SCALE FROM THESE DRAWINGS.	ORIGINAL DRAWING SIZE at A3						DRAWING NUMBER	REV	
REV	DESCRIPTION	BY	DATE	DRAWING NAME	TITLE										11-4034-S02		
	PRELIMINARY FOR CLIENT APPROVAL			GAB													