

275 MODEL - DRAWINGS & SPECIFICATIONS

Opening Louvred Roof System

ALUMAX
ARCHITECTURAL LOUVRE SYSTEMS



ALUMAX 275 MODEL	
LOUVRE SPECIFICATIONS	
BLADE DESIGN	LINEAR
BLADE DIMENSIONS	275mm x 46mm
BLADE MATERIAL	6016 EXTRUDED ALUMINIUM
BLADE FINISH	POWDER COATED
BLADE CENTRES	263mm
BLADE OPENING	217mm
GUTTER SPECIFICATIONS	
GUTTER DESIGN	SQUARE EDGE LOW-STREAMLINE
GUTTER DIMENSIONS	155mm x 45mm - Standard
GUTTER MATERIAL	6061 EXTRUDED ALUMINIUM
GUTTER FINISH	POWDER COATED
PIVOT SPECIFICATIONS	
PIVOT TRACK	40mm x 60mm
PIVOT TRACK MATERIAL	6061 EXTRUDED ALUMINIUM
PIVOT TRACK FINISH	POWDER COATED
DRIVE ARM SPECIFICATIONS	
DRIVE -ARM	40mm x 12mm
DRIVE -ARM MATERIAL	6061 EXTRUDED ALUMINIUM
DRIVE -ARM FINISH	POWDER COATED
PARTS AND CONNECTOR SPECIFICATIONS	
PIN SET	8mm DIA 316 MARINE GRADE STAINLESS STEEL
SPRING SET	316 MARINE GRADE STAINLESS STEEL
CONNECTOR HOUSING	100% UV STABLE HARDENED NYLON INNER
WEATHER STRIP	UVPD WEATHER STRIP
MOTOR & CONTROL SPECIFICATIONS	
MOTOR TYPE	GERMAN MADE LINEAR 240V ACTUATOR
CONTROLS	HARD WIRED OR REMOTE OPERATION
SENSORS	RAIN, WIND & SUN SENSORS (OPTIONAL)

ALUMAX 275 MODEL - OPENING LOUVRED ROOF SYSTEM

LOUVRES PERPENDICULAR TO BUILDING LAYOUT

SUPPORT FRAME - OPTIONS

Technical drawing of a mechanical assembly showing a cross-section of a shaft with a key and a nut. The shaft has a diameter of 29.5 mm and a length of 45 mm. The nut is labeled 'M8'.

275-3500mm EYE / UNIVERSAL
BEAM WIDTH TIMBER PACKING
& FLASHING OVER INSIDE

ORDER / JOB / ALUMAX QUOTE#:	
BAY NUMBER:	
FRAME TYPE:	
CONTROL TYPE:	
AUTOMATION TYPE:	
POWDER / COAT RANGE:	
POWDER COAT COLOUR:	
ANGLES IF REQUIRED:	
FRAME BRACKETS:	
NUMBER POSTS & LENGTH	
SPIGOT SIZE:	
OTHER DETAILS:	

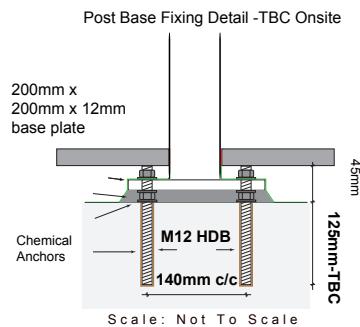


Diagram of a cantilever beam fixed to a wall. The beam has a total length of 140 mm. A horizontal force of 140 N is applied at the free end. The beam is supported by a fixed support at the wall. The diagram shows the beam's profile and the dimensions.

PLEASE NOTE: IF YOUR PROPOSAL DOES INCLUDE THE SUPPLY OF A SUPPORT FRAME, ALUMAX PROPRIETARY ALUMINIUM SUPPORT FRAME WILL BE SUPPLIED WITH A 300MM DEPTH POWDER COATED BEAMS.

240V ACTUATOR
(LOCATED AT
HIGH SIDE OF
LOUVRE BLADE)
180mm
CLEARANCE
REQUIRED
ABOVE FRAME

Diagram illustrating the required clearance and dimensions for the downpipe spigot location:

- CLEARANCE REQUIRED ABOVE FRAME:** Indicated by a dimension line showing a clearance of 20 units above the frame.
- DOWNPIPE SPIGOT LOCATION TO BE DETERMINED ONSITE. (SPIGOT INSTALLED BY SKYMAX & DOWNPIPES BY OTHERS):** A note indicating that the spigot location is to be determined on-site.
- Dimensions:**
 - 45: Dimension indicating the height of the spigot location above the frame.
 - 155: Dimension indicating the horizontal distance from the frame to the spigot location.

☐ AMEND

MAXIMUM SPAN:	5600MM (outside of frame)
OPENING BETWEEN LOUVRES:	217MM
MINIMUM FRAME HEIGHT:	295-300MM
LOUVRE DIMENSION:	275MM X 46MM

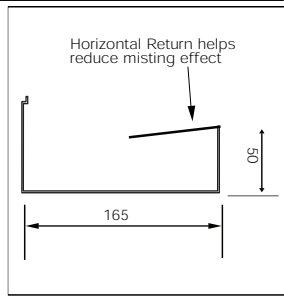
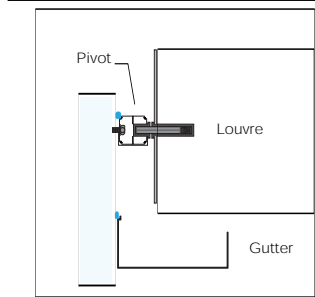
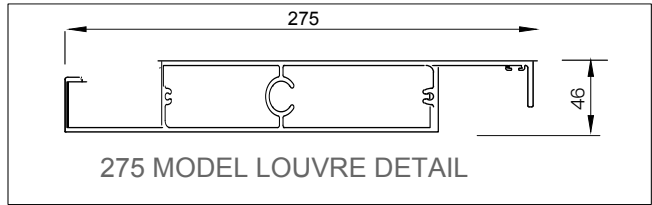
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ALUMAX - 275 Model
PERPENDICULAR LOUVRE LAYOUT

ISSUE/REVISION:

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LEGEND:
THIS INDICATES SUPPORT FRAME BY CLIENT OR BY ALUMAX.
(ALUMAX FRAME IS AN OPTIONAL EXTRA)



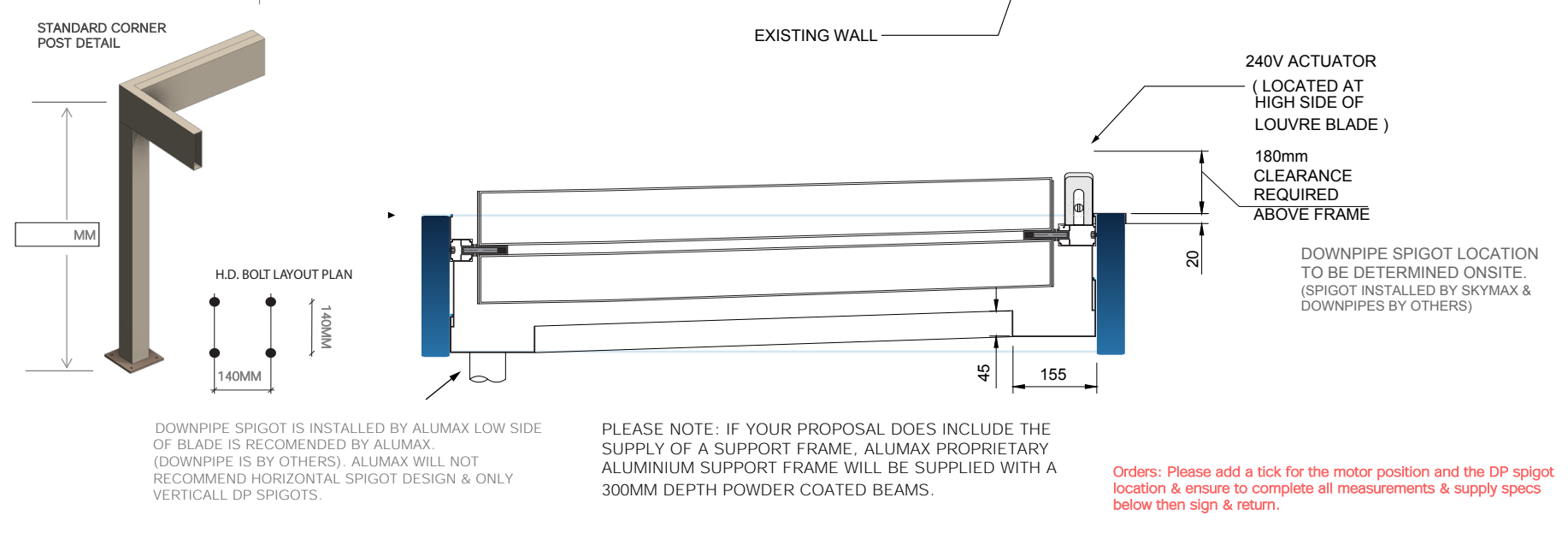
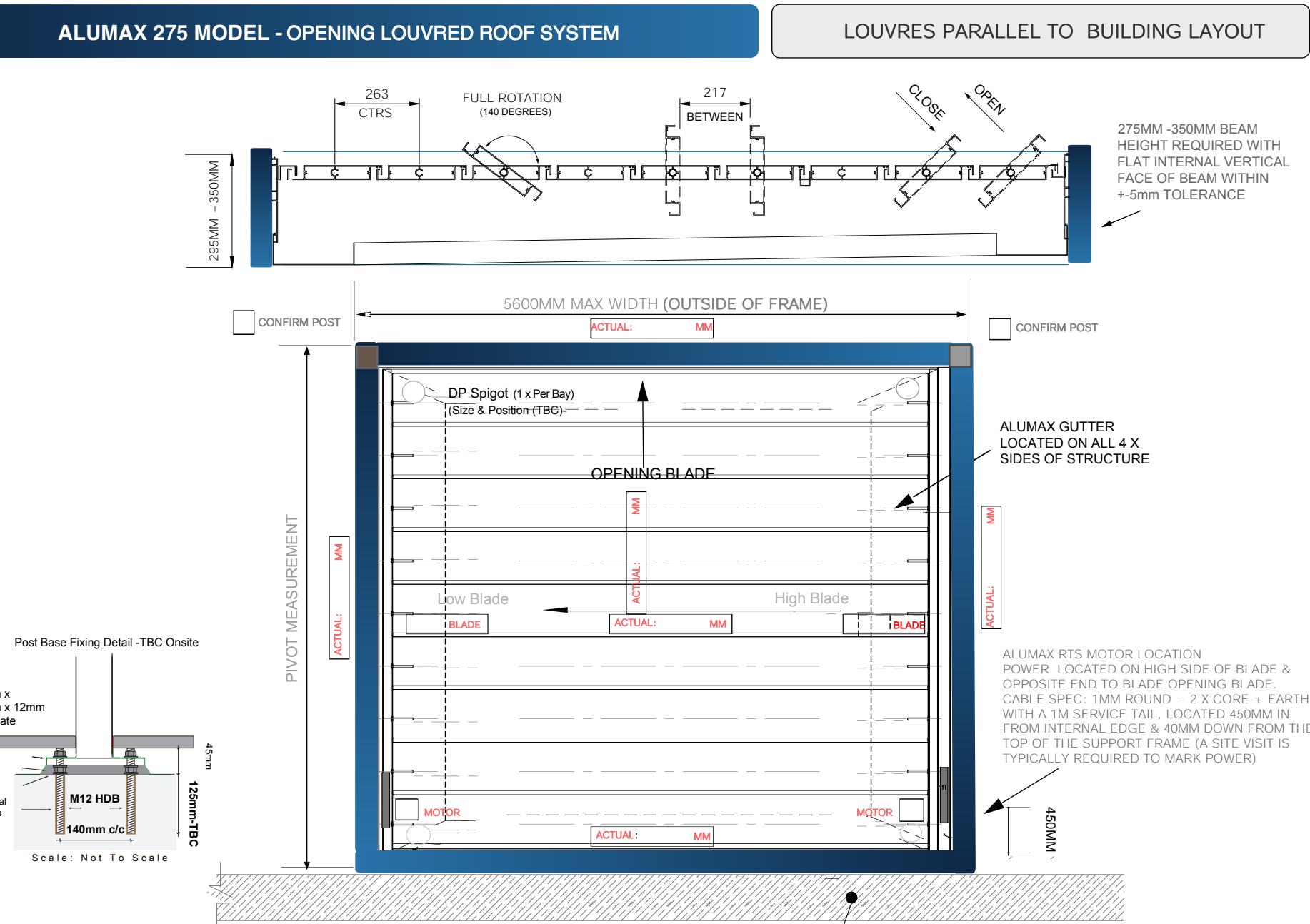
CLIENT DESIGN / MANUFACTURING APPROVAL:

I: _____

PRINT NAME SIGNATURE

APPROVED

AMEND



275MODEL HIGHLIGHTS

MAXIMUM SPAN:	5600MM (outside of frame)
OPENING BETWEEN LOUVRES:	184MM
MINIMUM FRAME HEIGHT:	250MM
LOUVRE DIMENSION:	275MM X 46MM

ALUMAX AUSTRALIA Pty. Ltd.

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Email: info@alumax.com.au
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CLIENT: _____

DATE: _____

SCALE: NOT TO SCALE

TITLE: ALUMAX - 275 Model
PARALLEL LOUVRE LAYOUT

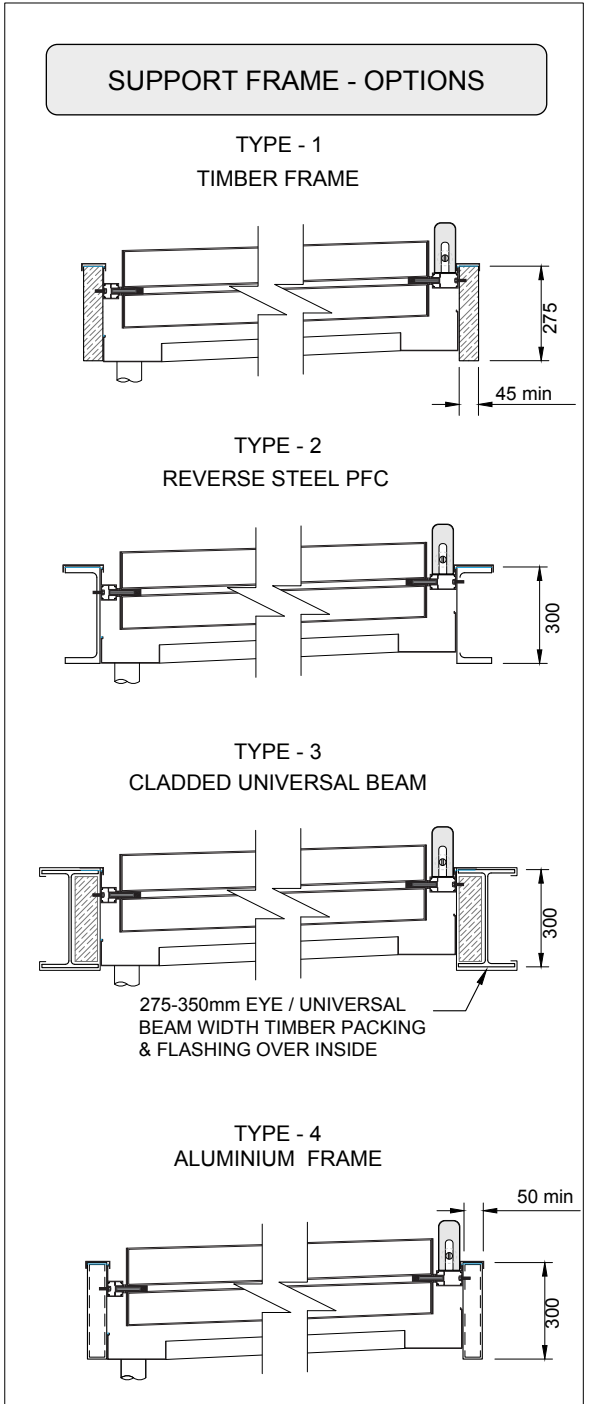
DRAWN: ALUMAX

CHECKED: DC & MT

JOB No: _____

DRAWING No: _____

ISSUE/REVISION: _____



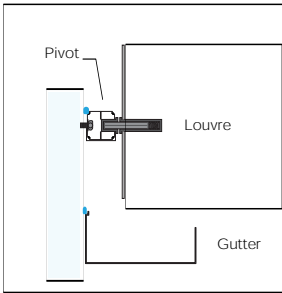
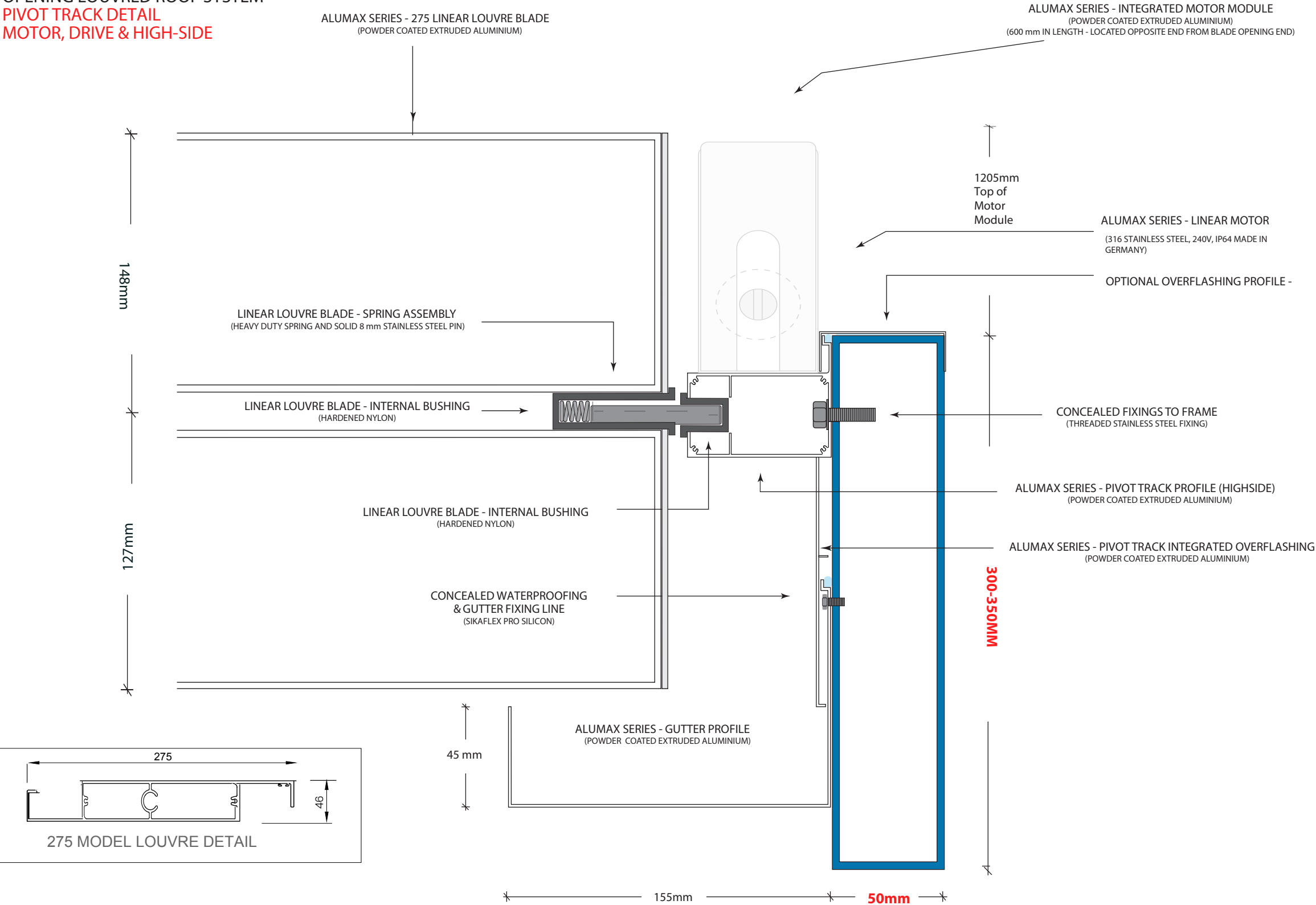
PROJECT SPECIFICATIONS

ORDER / JOB / ALUMAX QUOTE#:

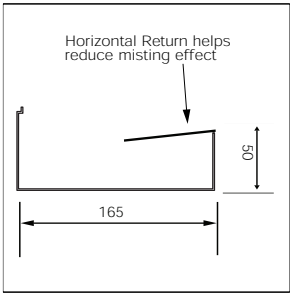
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CONTROL TYPE:	
AUTOMATION TYPE:	
POWDER COAT RANGE:	
POWDER COAT COLOUR:	
ANGLES IF REQUIRED:	
FRAME BRACKETS:	
NUMBER POSTS & LENGTH	
SPIGOT SIZE:	
OTHER DETAILS:	

ALUMAX – 275 MODEL

OPENING LOUVRED ROOF SYSTEM
PIVOT TRACK DETAIL
MOTOR, DRIVE & HIGH-SIDE



ALUMAX MAX
Ideal for larger bays or with
aluminium support frames.

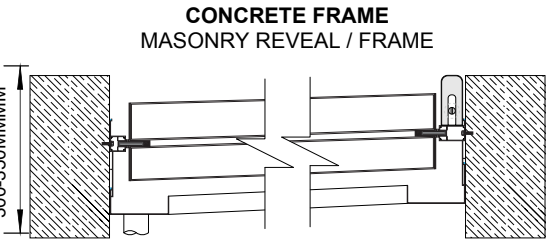
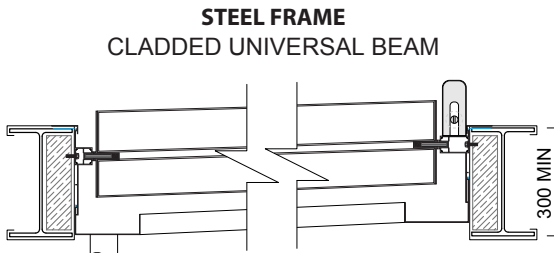
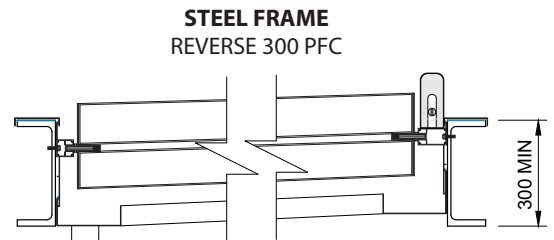
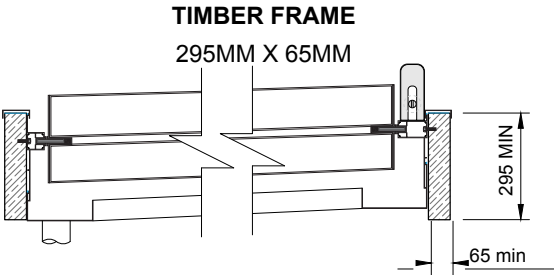
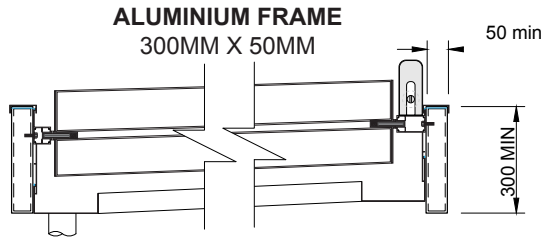


ALUMAX"XL" GUTTER PROFILE
Optional Extra)

BLUE LINE INDICATES
ALUMAX - SUPPORT FRAME AS OPTIONAL
(POWDER COATED ALUMINIUM, STEEL OR TIMBER)
OR
SUPPORT FRAME CONSTRUCTED BY CLIENT
(TIMBER, STEEL, CONCRETE, CLADDED OR ALUMINIUM)

Graphic:Aluminium Frame Detail Shown

SUPPORT FRAME DIMENSIONS



ALUMAX - 275 MODEL - OPENING LOUVRED ROOF SYSTEM



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Alumax Service & Support

One of the Alumax consultants or local dealers will help you simplify the specification process, saving you time and money. We are also available to offer all the right care & maintenance advice for your product.

Australia Wide

Call 1300 258 629 or visit
www.alumax.com.au

