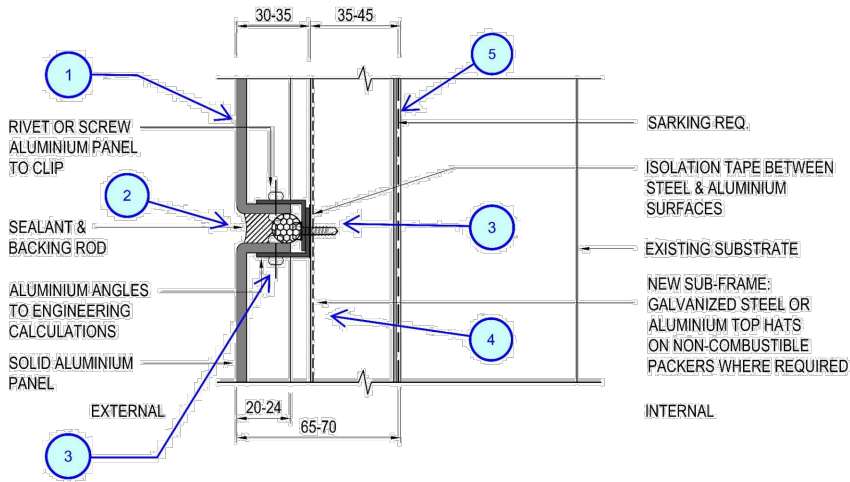


NOTES:



1. Aluminium cladding

- a. Design
 - i. AS/NZS 1664.1:1997 Aluminium structures, Part 1: Limit state design
 - ii. AS/NZS 1664.2:1997 Aluminium structures, Part 2: Allowable stress design
 - iii. AS 1562.1:2018 Design and installation of metal roof and wall cladding, Part 1: Metal
- b. Testing
 - i. AS 1391:2020 Metallic materials - Tensile testing - Method of test at room temperature
 - ii. AS 1530.1-1994 Methods for fire tests on building materials, components and structures, Part 1: Combustibility test for materials
 - iii. AS 1530.2-1993 Methods for fire tests on building materials, components and structures, Part 2: Test for flammability of materials
 - iv. AS/NZS 1530.3:1999 Methods for fire tests on building materials, components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release
 - v. AS 1530.4:2014 Methods for fire tests on building materials, components and structures, Part 4: Fire-resistance tests for elements of construction
 - vi. AS 1530.7-2007 Methods for fire tests on building materials, components and structures, Part 7: Smoke control assemblies - Ambient and medium temperature leakage test procedure
 - vii. AS 1530.8.1:2018 Methods for fire tests on building materials, components and structures, Part 8.1: Tests on elements of construction for buildings exposed to simulated bushfire attack - Radiant heat and small flaming sources
 - viii. AS 1530.8.2:2018 Methods for fire tests on building materials, components and structures, Part 8.2: Tests on elements of construction for buildings exposed to simulated bushfire attack - Large flaming sources
 - ix. AS 4072.1-2005 Components for the protection of openings in fire-resistant separating elements, Part 1: Service penetrations and control joints
 - x. ASTM E330/E330M-14(2021) Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
 - xi. ASTM B557-15 Standard Test Methods for Tension Testing Wrought and Cast Aluminium- and Magnesium-Alloy Products
 - xii. AS 4040.0-1992 Methods of testing sheet roof and wall cladding, Part 0: Introduction, list of methods and general requirements
 - xiii. AS 4040.1-1992 Methods of testing sheet roof and wall cladding, Method 1: Resistance to concentrated loads
 - xiv. AS 4040.2-1992 Methods of testing sheet roof and wall cladding, Method 2: Resistance to wind pressures for non-cyclone regions
- c. Materials + Manufacturing
 - i. AS/NZS 1665:2004 Welding of aluminium structures
 - ii. AS/NZS 1734:1997 Aluminium and aluminium alloys - Flat sheet, coiled sheet and plate
 - iii. AS/NZS 1865:1997 Aluminium and aluminium alloys - Drawn wire, rod, bar and strip
 - iv. AS/NZS 1866:1997 Aluminium and aluminium alloys - Extruded rod, bar, solid and hollow shapes
 - v. AS/NZS 1867:1997 Aluminium and aluminium alloys - Drawn tubes
 - vi. AS 2848.1-1998 Aluminium and aluminium alloys - Compositions and designations, Part 1: Wrought products
 - vii. ASTM D962-81(2020) Standard Specification for Aluminum Powder and Paste Pigments for Paints
- d. QA + accreditation
 - i. AS/NZS ISO 9001:2016 Quality management systems - Requirements
 - ii. ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
- e. Environmental
 - i. AS/NZS ISO 14001:2016 Environmental management systems - Requirements with guidance for use

2. Structural silicone + sealant

- a. Design
 - i. AS 1288:2021 Glass in buildings - Selection and installation
- b. Testing
 - i. ASTM C510-16 Standard Test Method for Staining and Color Change of Single- or Multicomponent Joint Sealants
 - ii. ASTM C794-18 Standard Test Method for Adhesion-in-Peel of Elastomeric Joint Sealants
 - iii. ASTM C864-05(2019) Standard Specification for Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers
 - iv. ASTM C1087-16 Standard Test Method for Determining Compatibility of Liquid-Applied Sealants with Accessories Used in Structural Glazing Systems
 - v. ASTM C1184-18e1 Standard Specification for Structural Silicone Sealants
 - vi. ASTM C1401-14 Standard Guide for Structural Sealant Glazing
 - vii. ASTM C1281-16 Standard Specification for Preformed Tape Sealants for Glazing Applications

3. Mechanical connections

- a. Design
 - i. AS/NZS 1664.1:1997 Aluminium structures, Part 1: Limit state design
 - ii. AS/NZS 1664.2:1997 Aluminium structures, Part 2: Allowable stress design
 - iii. AS 4100:2020 Steel structures
 - iv. AS/NZS 4600:2018 Cold-formed steel structures
 - v. AS/NZS 4673:2001 Cold-formed stainless steel structures (withdrawn)
- b. Testing
 - i. AS 1391:2020 Metallic materials - Tensile testing - Method of test at room temperature
 - ii. ASTM E9-19 Standard Test Methods of Compression Testing of Metallic Materials at Room Temperature
- c. Materials + Manufacturing
 - i. AS 1110.1:2015 ISO metric hexagon bolts and screws - Product grades A and B, Part 1: Bolts
 - ii. AS 1110.2:2015 ISO metric hexagon bolts and screws - Product grades A and B, Part 2: Screws
 - iii. AS 1111.2:2015 ISO metric hexagon bolts and screws - Product grade C, Part 2: Screws
 - iv. AS 1275-1985 Metric screw threads for fasteners
 - v. AS 3566.1-2002 Self-drilling screws for the building and construction industries, Part 1: General requirements and mechanical properties
 - vi. AS 3566.2-2002 Self-drilling screws for the building and construction industries - Corrosion resistance requirements (withdrawn)
 - vii. BS EN ISO 3506-1:2020 Fasteners. Mechanical properties of corrosion-resistant stainless steel fasteners
 - viii. BS EN ISO 3506-2:2020 Fasteners. Mechanical properties of corrosion-resistant stainless steel fasteners
- 4. Top hats (cold- or hot-rolled and aluminium)
 - a. Design
 - i. AS/NZS 4600:2018 Cold-formed steel structures
 - ii. AS 1562.1:2018 Design and installation of metal roof and wall cladding, Part 1: Metal
 - b. Testing
 - i. AS 1391:2020 Metallic materials - Tensile testing - Method of test at room temperature
 - ii. AS 1530.1-1994 Methods for fire tests on building materials, components and structures, Part 1: Combustibility test for materials
 - iii. AS 1530.2-1993 Methods for fire tests on building materials, components and structures, Part 2: Test for flammability of materials
 - iv. AS/NZS 1530.3:1999 Methods for fire tests on building materials, components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release
 - v. AS 1530.4:2014 Methods for fire tests on building materials, components and structures, Part 4: Fire-resistance tests for elements of construction
 - vi. AS 1530.7-2007 Methods for fire tests on building materials, components and structures, Part 7: Smoke control assemblies - Ambient and medium temperature leakage test procedure
 - vii. AS 1530.8.1:2018 Methods for fire tests on building materials, components and structures, Part 8.1: Tests on elements of construction for buildings exposed to simulated bushfire attack - Radiant heat and small flaming sources
 - viii. AS 1530.8.2:2018 Methods for fire tests on building materials, components and structures, Part 8.2: Tests on elements of construction for buildings exposed to simulated bushfire attack - Large flaming sources
 - ix. AS 4072.1-2005 Components for the protection of openings in fire-resistant separating elements, Part 1: Service penetrations and control joints
 - x. ASTM E9-19 Standard Test Methods of Compression Testing of Metallic Materials at Room Temperature
 - xi. AS/NZS 4600:2018 Cold-formed steel structures
 - c. Materials + Manufacturing
 - i. AS/NZS 1163:2016 Cold-formed structural steel hollow sections
 - ii. AS 1397:2021 Continuous hot-dip metallic coated steel sheet and strip - Coatings of zinc and zinc alloyed with aluminium and magnesium
 - iii. AS/NZS 1594:2002 Hot-rolled steel flat products
 - iv. AS/NZS 1595:1998 Cold-rolled, unalloyed, steel sheet and strip
 - v. AS/NZS 1866:1997 Aluminium and aluminium alloys - Extruded rod, bar, solid and hollow shapes (Reconfirmed 2020)
 - d. QA + Accreditation
 - i. AS/NZS ISO 9001:2016 Quality management systems - Requirements
 - ii. ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
 - e. Environmental
 - i. AS/NZS ISO 14001:2016 Environmental management systems - Requirements with guidance for use
- 5. Pliable sarking material (water or vapour resistive/permeable)
 - a. Testing
 - i. AS 1530.2-1993 Methods for fire tests on building materials, components and structures, Part 2: Test for flammability of materials
 - ii. AS 1530.4:2014 Methods for fire tests on building materials, components and structures, Part 4: Fire-resistance tests for elements of construction
 - b. Materials + Manufacturing
 - i. AS/NZS 4200.1:2017 Pliable building membranes and underlays, Part 1: Materials
 - ii. AS 4200.2:2017 Pliable building membranes and underlays, Part 2: Installation

TITLE DESIGN STANDARDS

CLADDING SOLID ALUMINIUM

SUBSTRATE ALL Rev

DWG NUMBER 000-AC-GF-DWG-3001 7