

# ENTECH

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**SPECIFICATIONS (REV.04)**

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**ENTECH SERIES 1442 SECONDARY SERVICES DISTRIBUTION BOOM (SSDS)**, based on a Design Concept originated by Architects Weston Williamson, consisting of twin extruded aluminium aerofoil sections, each 310mm overall width, connected by custom-designed aluminium suspension castings, the castings being suspended from the tunnel structure by Entech Skylon® Swaged Rods with stainless steel end connectors and spherical end bearings, the brackets being fixed to the substrate with M12 stainless steel hexagon head bolts into resin anchors, one aerofoil assembly to contain electrical mains and emergency services and the other twin to contain communication services, each aerofoil assembly to be fitted with two-compartment non-standard custom-fabricated lightweight cable trunking with cross-over boxes at cable exit points, there being provision for earthing studs at each end of the assemblies (earth-bonding straps and bonding by others), there being provision for castings to integrate Type 1 Luminaires, CCTV Cameras, PA Speakers, VEID Units, and End Closers and Flexible Conduits all being to detailed design and approval.