







DESIGN, ENGINEERING, SPECIALISED FABRICATION

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STAIRS & LADDERS

Improvise Adapt and Overcome





30 YEARS OF PREMIUM, REPUTABLE, SPECIALISED DESIGN ENGINEERING

Calbah Industries Design and Drafting office has extensive experience. From concept discussions or sketches, we assist clients with the process of Industrial Design and product development through to specification for manufacture, shop drawings, production management and delivery of finished goods.

Design Brief	Your needs and scope are clearly understood and defined
Concept Design	Calbah Industries develops a solution to meet your needs and presents this solution to you for discussion and approval
Design	Calbah Industries develops the design to achieve maximum productivity and efficiency in operation
Delivery	Final design is presented Option for full shop drawings to be completed

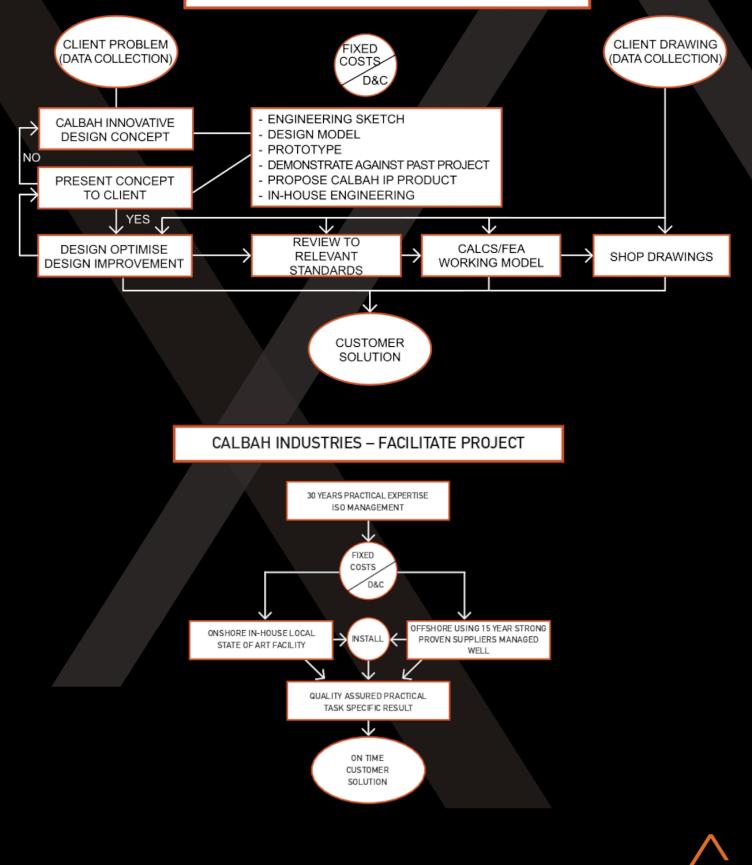






CALBAH DESIGN/FABRICATION STRUCTURE CHART

CALBAH INDUSTRIES - INDUSTRIAL DESIGN



17-29 Arkwright Drive, Dandenong South, Vic 3175 👙 www

www.calbah.com





CUSTOM DESIGN & ENGINEERING OFFICE

Design Engineers

Draftsmen

Design Review and enhancement/ optimisation

FEA, Design Verification by 3rd Party, shop drawings

Hydraulic, Mechanical, Electrical,

INDUSTRY SECTORS

- Oil & Gas
- Tunnelling
- Rail
- Infrastructure
- Specialized Machinery Design & Manufacture
- General Engineering
- Mining

Spooling and Heavy Fabrication. Highly Experienced in Tunnelling, Infrastructure, Mining, Oil & Gas, Rail and General Engineering Practical Design through to Commissioning Qualified Project Managers

CERTIFICATIONS

ASI Environmental Sustainability Charter Member Platinum Avetta Consortium Member AS 1210, ASME, AWS D1.1 AS/NZS 1554.1, 1554.2, 1554.3, 1554.4, 1554.5, 1554.6 ISO 45001: 2018 Health and Safety DNV 2.7-1, DNV 2.7-3 ISO 9001: 2015 Quality ISO 14001:2015 Environment

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QUALIFICATIONS





ACCESS STAIRS

UNIQUE TOP-DOWN BUILD PROCESS REMOVES REQUIREMENT TO ASSEMBLE SCAFFOLD IN THE SHAFT SIZED FOR STANDARD ACCESS OR STRECTHER EGRESS MAXIMUM SHAFT DEPTH IN SINGLE FALL 45M CAN BE SUPPORTED ON CAPPING BEAM OR GIRDERS

⊘<mark>€</mark> ⊘€ ⊘€

MULTIPLE ACCESSORIES AVAILABLE:

- WALL STAIRS
- SELF ADJUSTING EXIT STAIR (STRAIGHT OR 90 DEG EXIT)
- INTERMEDIATE LANDINGS FOR ADDITIONAL DEPTH
- CROSSOVER BRIDGE
- TOP DOWN OR BOTTOM UP SYSTEM







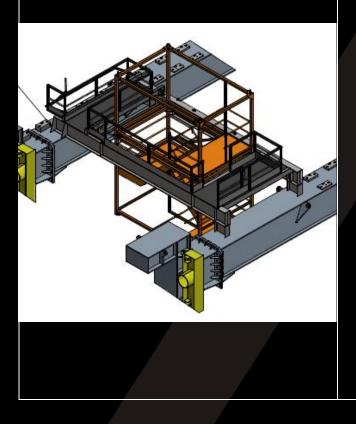
STAIR WITH INTERMEDIATE LANDING



LANDING FRAME OVER GIRDER



LANDING FRAME OVER GIRDER



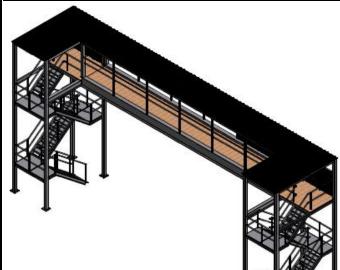




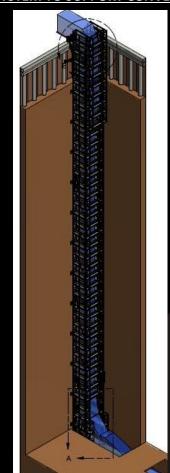


PEDESTRIAN ACCESS BRIDGE DESIGN LOAD: 4 kPa

SPAN: 13M CLEARANCE: 6M











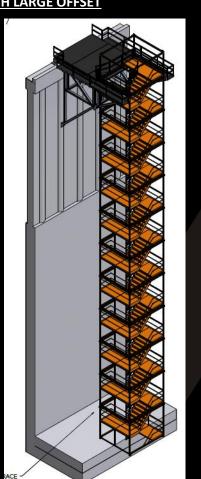




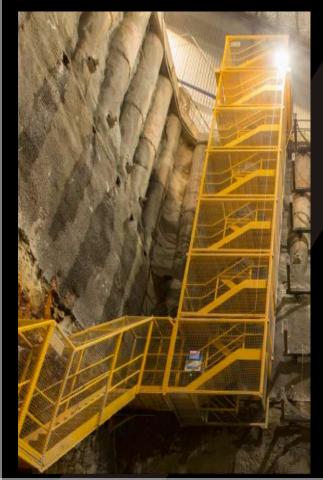
STAIR SYSTEM WITH CATWALK



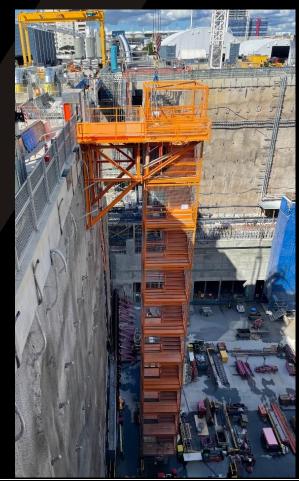
STAIR WITH LARGE OFFSET



STAIR SYSTEM WITH CATWALK



STAIR WITH LARGE OFFSET

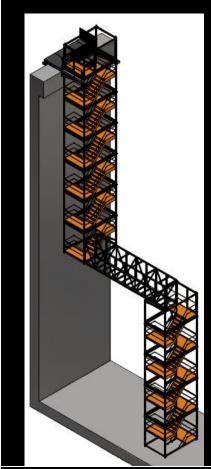








STAIR WITH CROSSOVER BRIDGE

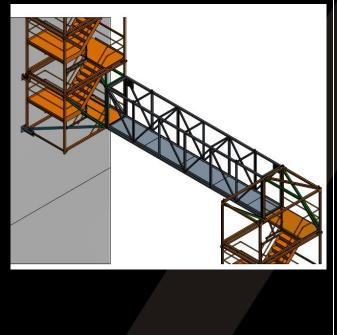


STAIR WITH CROSSOVER BRIDGE





STAIR WITH CROSSOVER BRIDGE



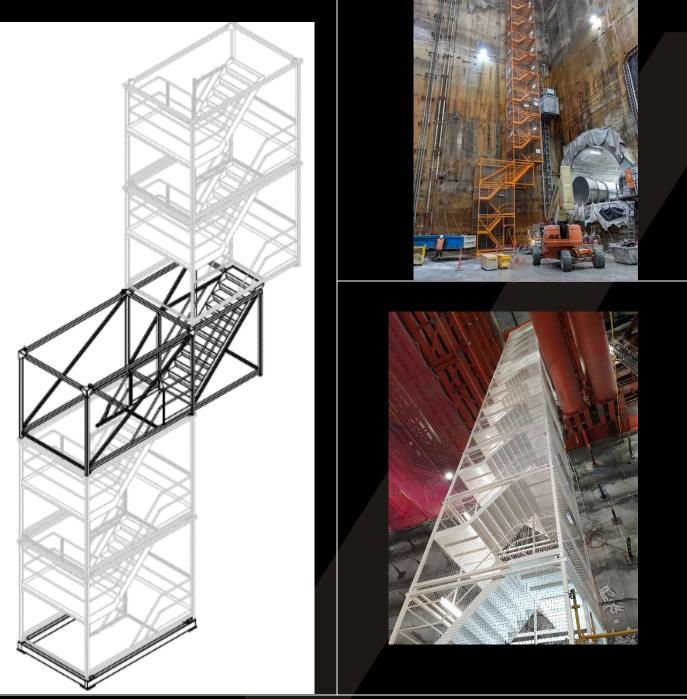








STAIR WITH STAGGERED OFFSET









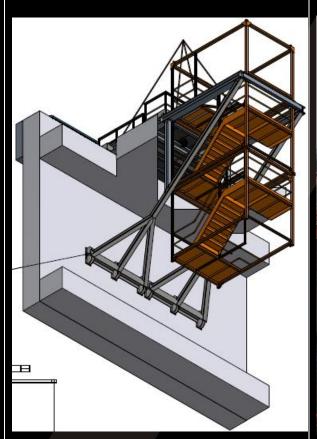


STAIR SYSTEM AGAINST WALL



STAIR SYSTEM OFFSET FROM WALL

STAIR SYSTEM OFFSET FROM WALL





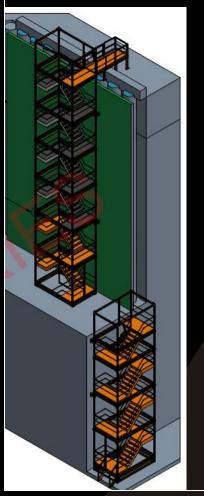








STAIR SYSTEM BOTTOM UP

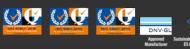




STAIR SYSTEM BOTTOM UP

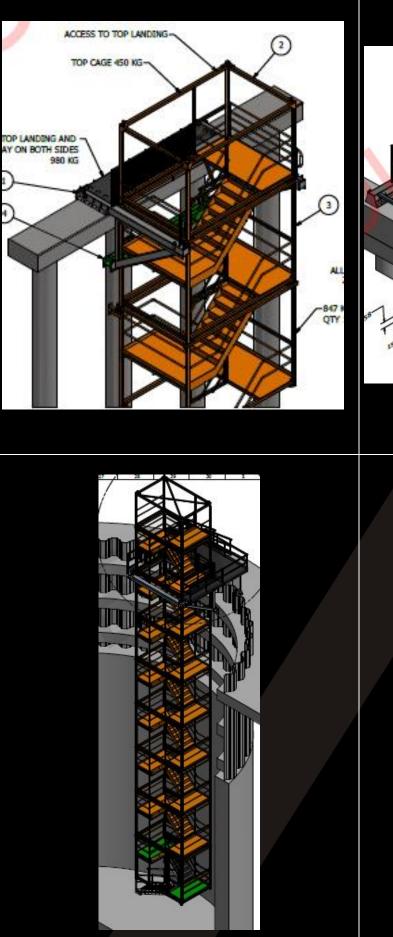






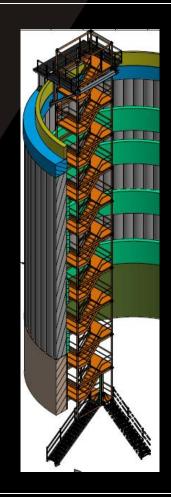
STAIR SYSTEM WITH BRACING TO PILE

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STAIR SYSTEM WITH SIDE PLATFORM

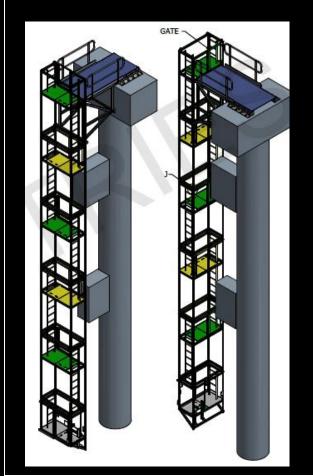




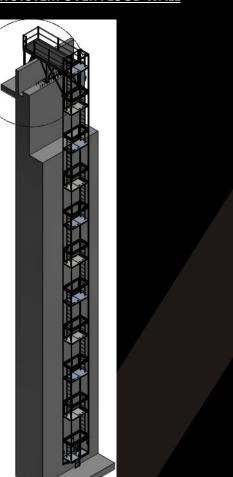








LADDER SYSTEM OVER FLOOD WALL



LADDER SYSTEM



LADDER SYSTEM OVER FLOOD WALL





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