WELCOME TO STEEL EXCELLENCE

CUSTOM **STEEL FAB**

CAPABILITY STATEMENT

WE FABRICATE & ERECT STEEL
LIKE LIVES DEPEND ON IT -
BECAUSE THEY DO.

OUR MISSION

We don't want to take over the industry, we just want to be the best.

ABOUT US

Custom Steel Fab has been known for its quality services, exceptional efficiency, and the highest level of professionalism, since our founding in 2014. We are an Australian owned & operated company, With 2 Workshop Facilities located in Townsville QLD & Western QLD Mount Isa, with our services extending throughout QLD & Northern Territory.
Our team can supply skilled labour, fabrication components, managing and completing projects with the skill and experience our clients have come to expect.

Mount Isa Facility - 2 Traders Way, Mount Isa, QLD 4825

Townsville Facility - 1/56 Charles Street, Aitkenvale, Townsville 4810

ABN 16 127 303 860

ACN 127 303 860

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admin@customsteelfab.com.au

OUR MANAGEMENT TEAM

Travis McElligott - Owner Director/Business Development Manager

With over 10+ years in the Mining and Fabrication industry, Travis understands this industry and understands the importance of operating all jobs and projects safely & smoothly "If we can help you by delivering steel excellence and by understanding your problem throughout your projects, breakdowns or day to day activities, we can help you to reach your target, budget and career goal a lot more quickly.

Terry Foster - Workshop Manager

With over 12+ years in the Boilermaking industry, Terry brings a vast amount of knowledge and experience. He firmly believes that what we do here at CSF determines the outcome out there on our job sites. "Having a great team, team experience and morale throughout Custom Steel Fab controls the outcome of all our products. We deliver steel excellence, and our team and quality insurance procedure makes our Custom Steel Fob Reputation exceed'

Adam Griffiths (Potter) - Mount Isa Operational Manager

With 11 years of experience known as Potter, Adam has a blended background in maintenance and construction. With a passionate drive for safety and high quality of work, he believes that Custom Steel Fab can fulfil any requirements requested from our clients. Having a solid foundation of high-quality staff with an attitude second to none separates Custom Steel Fab from the rest.

Chris Johnstone - Townsville and Western QLD Operations Manager

With over 10+ years in the Mining Industry Chris understands what it takes to run a successful mining and fabrication business, Chris has developed a strong working relationship with clients throughout QLD and he strongly believes that “At CSF we aspire to create a cohesive team that aligns with the companies goals and objectives through a positive working environment that fosters professional development and innovation from all CSF crew members which makes a successful business ”.

OUR CORE VALUES

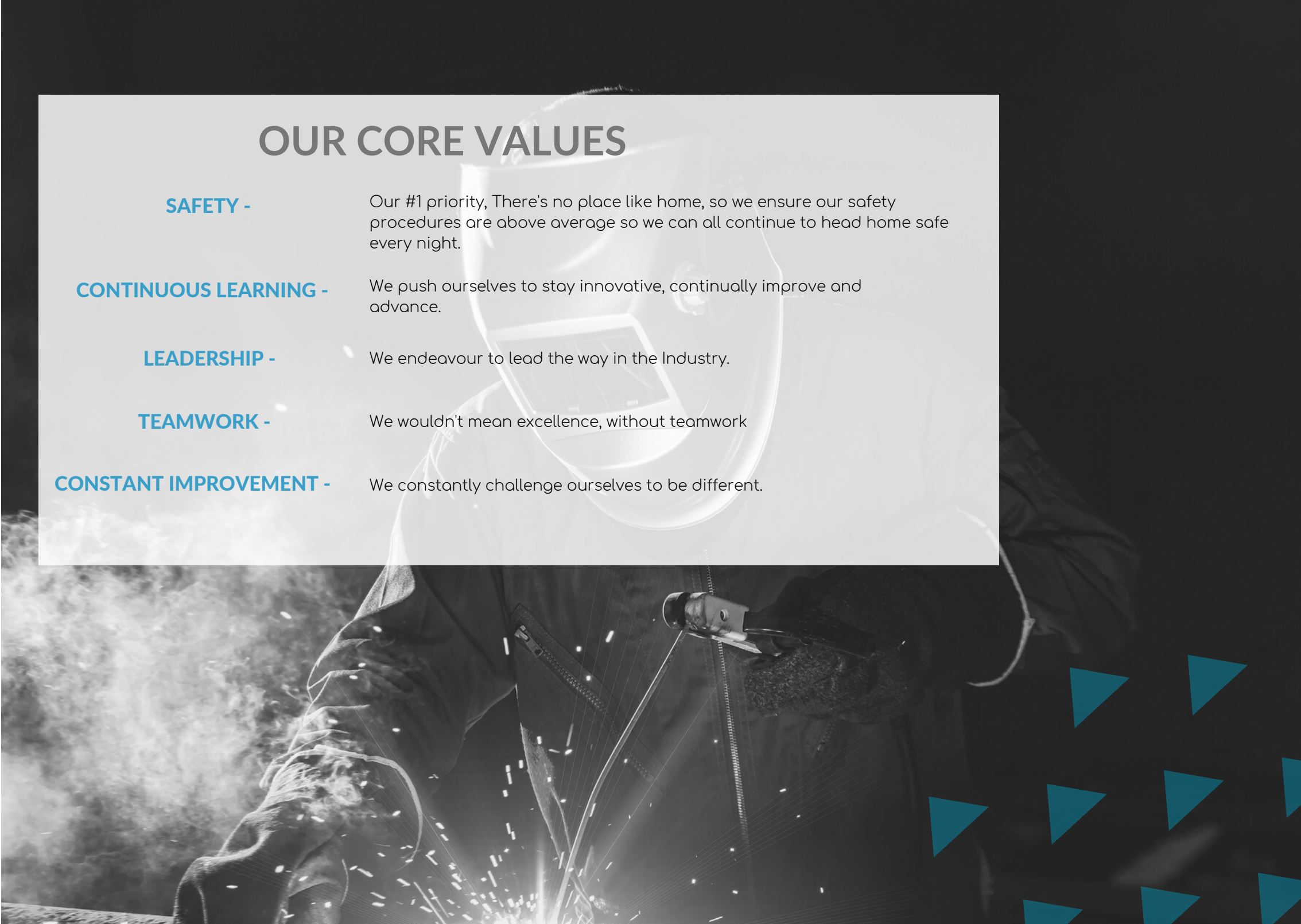
SAFETY - Our #1 priority, There's no place like home, so we ensure our safety procedures are above average so we can all continue to head home safe every night.

CONTINUOUS LEARNING - We push ourselves to stay innovative, continually improve and advance.

LEADERSHIP - We endeavour to lead the way in the Industry.

TEAMWORK - We wouldn't mean excellence, without teamwork

CONSTANT IMPROVEMENT - We constantly challenge ourselves to be different.



OUR SERVICES

DESIGN, STEEL DETAILS & DRAFT, CERTIFY & DOCUMENTATION

Our ability to design, draft & certify in our industry can mean a reduction in time frames & costings. Custom Steel Fab delivers: CAD & design, Shop drawings, Remote travel, Laser Scanner and Engineer sign off.

SKILLED LABOUR HIRE

We provide a range of quality skilled labour, such as qualified Boilermakers with various tickets and qualifications, Riggers and Trades Assistants that are all capable of performing tasks safely in a short time frame at a high-quality standard.

STEEL CONSTRUCTION

We offer a range of Steel Construction, including lifting and placing components into position, welding and working with foundations, columns and beams. We can provide different structures using both light and heavy steelwork.

LIGHT AND HEAVY FABRICATION

We offer the building of metal structures by cutting, bending, and assembling processes. It is a valuable process that involves the creation of machines, parts, and structures from various raw materials—ranging from light stainless steel sheeting to heavy steel structures.

CAST LINERS & WEAR PROTECTION

Custom Steel Fab supplies a variety of liner plates for chutes, bin and hoppers. We can provide different types of liner plates such as polyurethane liners and your general Bisalloy steel liners that vary in different grades.

PROJECTS

Custom Steel Fab engages in many projects throughout the year. These can consist of upgrades, modifications and erection of building structures.

CIVIL AND CONCRETE

Bulk earthworks, site cleaning, mining, car parks, Detailed excavation including, strip footings, pad footings & drains, Installation of underground services and Design

WHY CUSTOM STEEL FAB?

TRUST

We operate each project as our personal, one-on-one approach because we don't just assist with the building of your project, we build strong relationships based on trust, reliability and peace of mind.

ABILITY TO OPERATE 24/7 365 DAYS

We can offer the ability to reach incredibly quick deadlines by operating a service with two crews, 24 hours per day. With this ability, Breakdowns or urgent projects and jobs are completed with no extra cost so that you can stay on budget and on time.

QUALITY CONTROL

We work with strict guidelines and an intensive QA procedure that delivers and ensures your products and services fit every time

SKILLED LABOUR

We have stringent guidelines when it comes to adding an extra employee to our team. We prefer quality over quantity, which ensures every project or service will be completed safely and with our high-quality standard.

WE UNDERSTAND THE PROBLEM

We understand the problems faced in our industry. Therefore, We work as a team to understand our clients to make their lives easier while still delivering steel excellence.

COMPARING QUOTES CHECKLIST

Not to sure about Custom Steel Fab?
If you are comparing quotes or adding CSF to your tender list

	CUSTOM STEEL FAB	OTHER STEEL FABRICATION COMPANIES
Do they understand safety comes 1st ?	✓	
Do they supply reference phone numbers & details for their previous projects or jobs	✓	
Are they an award-winning company?	✓	
Do they fixed price rather than hourly rate?	✓	
Do they focus more on quality not quantity?	✓	
Do they supply QA throughout their projects or jobs	✓	
Will they still deliver their service no matter what time day or night?	✓	
Do they understand your urgency needs?	✓	
Do they have the equipment & knowledge to complete your project or jobs your preferred way?	✓	
Do they supply you with client updates throughout their works so that there is certainty that it will be delivered or complete in time	✓	
Will they take their time and milk the job on an hourly labour hire rate?	✗	✓
Do they reply in minutes regarding your request for quote?	✓	
Will they supply a product that includes safety, team work, quality & give great value the Custom Steel Fab way?	✓	

DID YOU KNOW?

Did you know Custom Steel Fab was Originally called START Construction & Hire? In August 2018 Travis McElligott (Owner/Director) changed the name to Custom Steel Fab. "If you have to explain your company name for what industry you are in, you have already lost" Travis McElligott said. "Myself and the team are very excited about our new look and name change."
But it doesn't stop there, we have created our new mission statement, we are controlling our clients' experience from start to finish, and we are now taking on the industry to deliver steel excellence.

PROJECTS

CUSTOM STEEL FAB
DANGER
NO TRAVELLING UNLESS AUTHORISED
BECAUSE THEY DO.

X41 NEW CHANGE HOUSE FACILITY – MOUNT ISA MINES

Basic scope of work: To conduct earth and civil works, concreting, foundations, all fabrication work, erection of all steel work, installation of shipping container facilities and fit out.

Custom Steel Fab completed the X41 Change House Facility under strict deadline in late 2020 into 2021. With new challenges evolving every day our problem-solving skills were put to the test and with 15,000 hours worked on this project, Custom Steel Fab had zero incidents or injuries.

Cost – Fixed Price $2.3 Million

References
Jaco Dekock – Superintendent Projects 0498 677 753
Aaron Barnes – Project Manager 0466 569 460
Sam Denlay – Project Manager 0447 527 638

X41 NEW CAR PARK SHELTER

The basic scope of work: To dismantle and re-erect X41 Car Park Structure using 33 tonnes of purlin and roof sheets. To supply project management as well as all material, labour, and consumables.

Custom Steel Fab was under a strict deadline to complete the X41 Car Park Structure in December 2021. While working in hot conditions and completing high-risk work to a high standard, the Custom Steel Fab team completed the project in just 10 shifts with a night and day shift crew.

Cost - Fixed price: $600,000

References
Cameron Moore – Mining manager 0466 547 273
Aaron Barnes – Project Manager 0466 569 460
Sam Denlay Project Manager 0447 527 638

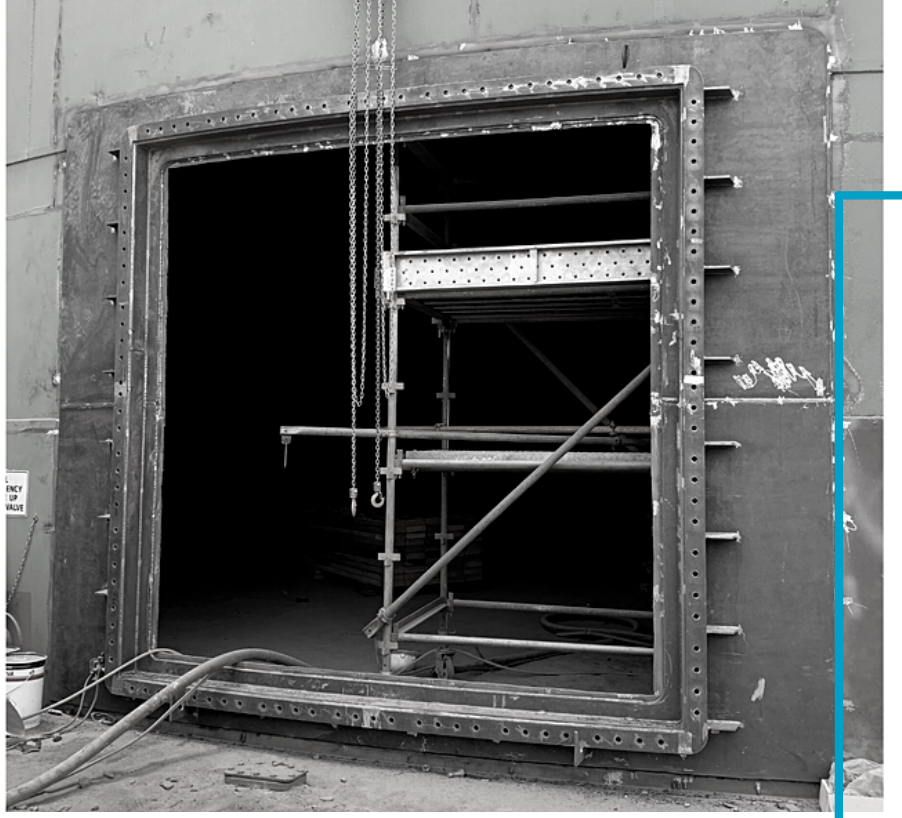
R62 PIPE BRIDGE STRUCTURE

The basic scope of work: To survey, excavate, and supply concrete footings as well as fabricate all components that were later installed by the Custom Steel fab Team.

Custom Steel Fab was also under strict deadlines to meet the client's needs. With many moving parts and high-risk activities, this project was completed with zero incidents or injuries.

Cost - Fixed price: $650,000

References:
Jaco Dekock – Superintendent Projects 0498 677 753
Aaron Barnes – Project Manager 0466 569 460



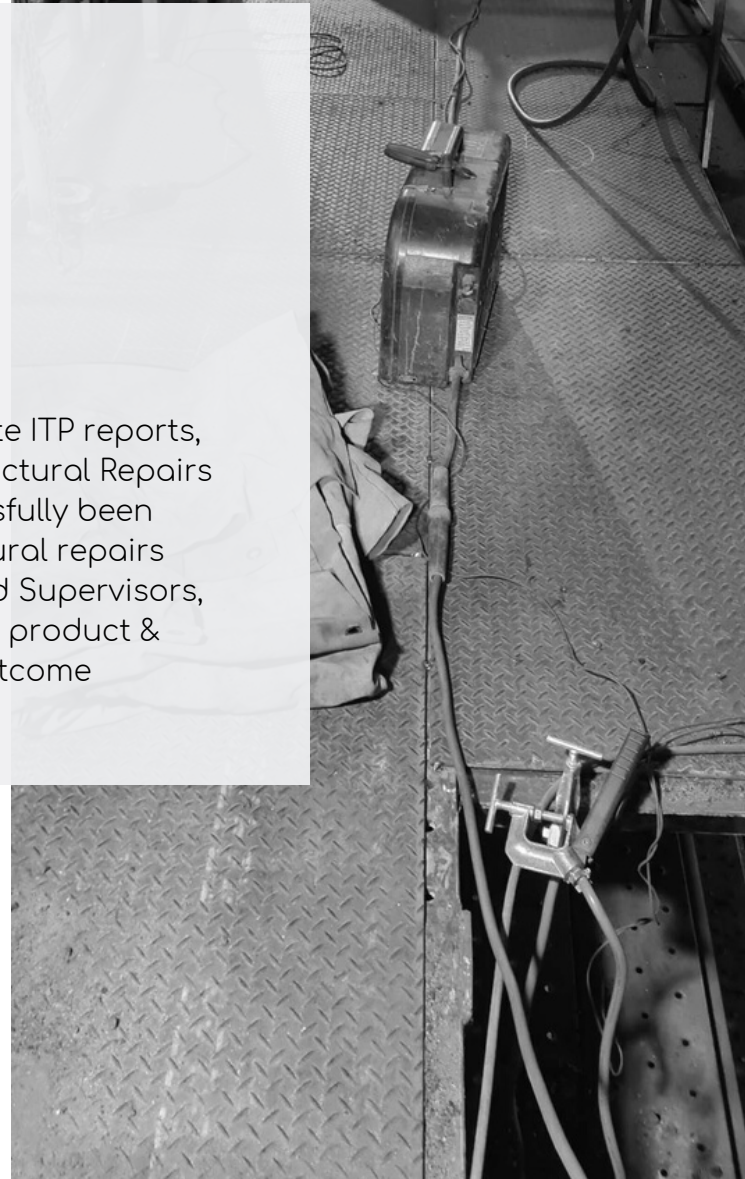
TANK 1, TANK 2 & TANK 3 REFURBISHMENT

The basic scope of work: To refurbish steel work located in Tanks 1, 2 & 3. The scope includes mobilising all materials up a steep hill incline as well as mobilising all equipment, tooling, and material into the respective tank. Plates were required to be lifted with air winches and chain blocks to correctly position them in the tank.

The highly skilled team were required to support the structural integrity of the tank while simultaneously cutting a hole in the tank wall, and despite working high-risk activities for over 4500 hours, Custom Steel Fab completed this project with zero incidents or harm.

Cost: Fixed & Hourly Rate - $450k to $500K

Reference
Palaniappan Muthuraman (Palani) – Civil Engineer / PM 0402 396 875



STRUCTURAL INTEGRITY MAINTENANCE

The basic scope of work: Repair Structural Integrity

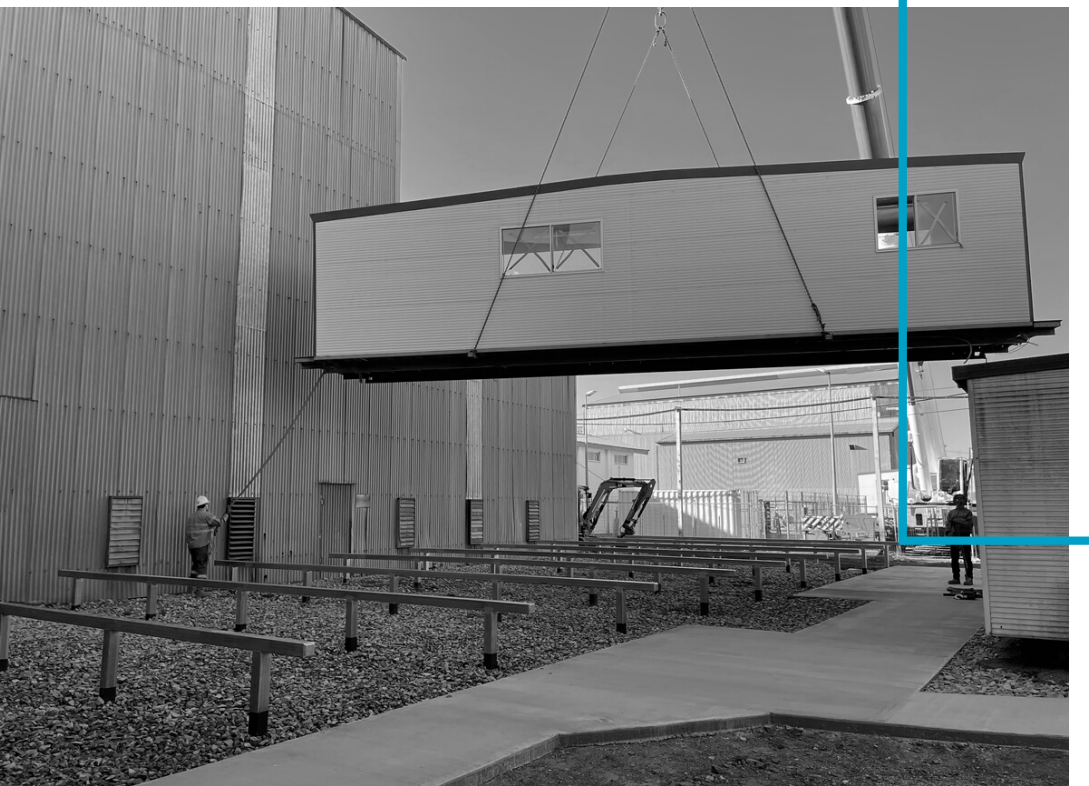
Custom Steel Fab was instructed to mobiles, supply and complete ITP reports, QA Reports, Work Methodologies & MDR to complete various Structural Repairs across mines sites. In 2022 May Custom Steel Fab has successfully been awarded a 12-month contract by Glencore to complete Structural repairs across Mount Isa Mine. This involves Project management, Skilled Supervisors, Skilled Boilermakers, Skilled riggers, a high-quality fabrication product & equipment to deliver a safe service and a high quality outcome

ROAD HOPPER

Basic scope of work: Custom Steel Fab was directed to fabricate, preassemble and install Road Hopper a Total of 42 Tonne for the 2022 Rebick Mount Isa Mines. Under a strict deadline with fabrication the CSF Fabrication team worked around the clock to meet our client's deadline. The installation of the hopper was installed 20 shifts well under the expected time frame.

Cost: $700,000 - $800,000

Reference
Kevin Bocos – Project Manager – 0407 927 247



DISMANTLE & RE ERECT COMMERCIAL OFFICE BLOCKS

The basic scope of work: To Supply labour, equipment & material Dismantle & Re erect Commercial Office Blocks with a total of 16 office blocks.
Custom Steel Fab supplied a start to finish project from the design of the footing, concrete landings, access platform, dismantle, reassembling of the office block and including the fit-out.

Cost: $600,000 - $700,000

Client
Martin Steyn – Engineer & Project Manager – 0447 478 509

SHAFT INSPECTION PLATFORM

The basic scope of work: Custom Steel Fab supplied a Mine In Western QLD with high-quality service with this intriguing Shaft Inspection Platform. With many moving components the fabrication team worked with the engineer's model to deliver a pretty cool Project. The team assembled the platform to insure all components worked and that the product was to our high-quality standard.

Reference
Michael Barbagallo – Project Engineer – 0417 796 776

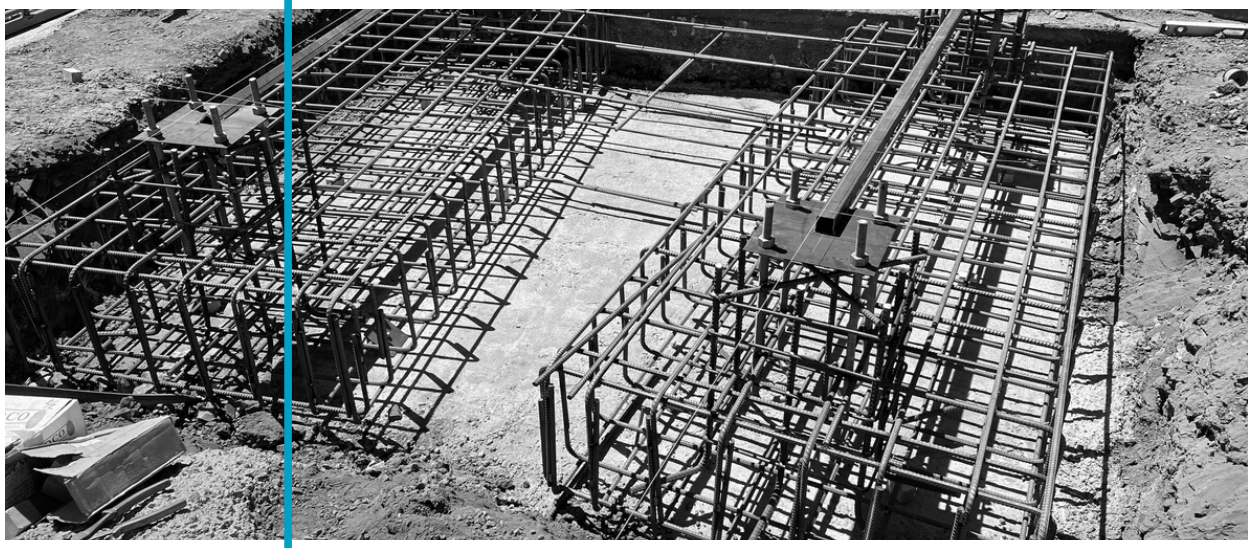
GENERAL FABRICATION

Custom Steel Fab is known for its high quality in fabrication with capabilities

- Design & Certify DWG
- Fabrication Drawings
- Light & Heavy Fabrication
- Stainless Steel products
- Aluminium steel products
- Coded welders

GENERAL – EXCAVATION & CONCRETE WORKS

Custom Steel Fab has the capabilities to manage from ground up with any structure. Within house equipment we can excavate, supply steel cages, footing and finish concrete works. With experience in this works Custom Steel Fab can manage your project from start to finish



MOUNT ISA HOSPITAL CAR PARK UPGRADE

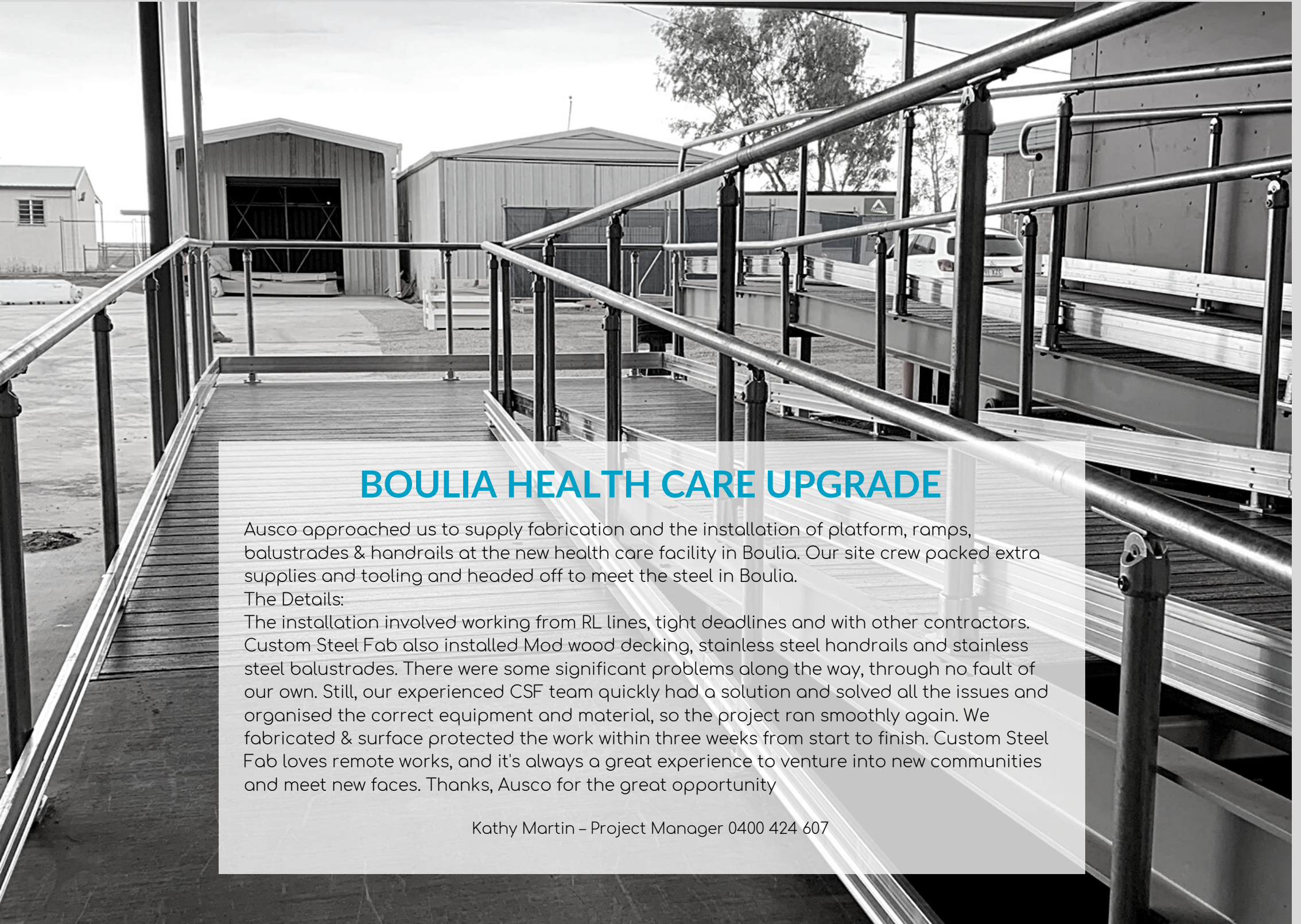
The North West Hospital Mount Isa Car Park upgrade was one of Custom Steel Fabs most significant developments, with very tight lead times. Our team worked early into the morning & long into the night to reach our clients deadline with our usual CSF quality. This was a great project and one we are proud to continue to see year after year.

The Details: Completion of the project was six weeks. Our scope included designing, certifying, fabricating and erecting the structure; Starting with the designs and Certificates, followed by shop drawings, fabrication, then surface protection. Our subcontractor completed pad footing and pedestals while we erected all the steelwork, completed the roof sheets, drainage and flashing.

Works not completed by us: Concrete slabs, fence & electrical

Reference

Scott Lithgow A Director Facilities Management – 0419 955 426



BOULIA HEALTH CARE UPGRADE

Ausco approached us to supply fabrication and the installation of platform, ramps, balustrades & handrails at the new health care facility in Boulia. Our site crew packed extra supplies and tooling and headed off to meet the steel in Boulia.

The Details:

The installation involved working from RL lines, tight deadlines and with other contractors. Custom Steel Fab also installed Mod wood decking, stainless steel handrails and stainless steel balustrades. There were some significant problems along the way, through no fault of our own. Still, our experienced CSF team quickly had a solution and solved all the issues and organised the correct equipment and material, so the project ran smoothly again. We fabricated & surface protected the work within three weeks from start to finish. Custom Steel Fab loves remote works, and it's always a great experience to venture into new communities and meet new faces. Thanks, Ausco for the great opportunity

Kathy Martin – Project Manager 0400 424 607

BRIDGE STRUCTURE

CSF were approached by Glencore Mine to supply shop drawings, fabricate & erect a MIM Fallout bridge structure. As a team, we enjoyed this project as the clients Naren, Chris & the BPL team were one of the most helpful and professional clients we have worked with.

The Details:

The single overall span of the bridge was 45m so we spliced the structure in 3 sections for ease of fabrication & transport. All fabrication was based locally in Mount Isa and Surveyors marked the location of our plinth and hold down bolts with millimetre accuracy. The Installation process was straightforward when erecting the three sections of the structure together. We waited for calm winds and used a 220 T crane with full counterweights and placed it down onto the hold-down bolts.

Naren Ramachandran – 0423 841 902

LADY LORETTA AWNING

CSF was asked to design, certify, fabricate & erect a new awning located on LLM Maintenance shed. Rob, our client from Glencore Mine, gave no exceptions when it came to safety, quality and lead time which matched our core values and it's precisely what we delivered.

The Details:

Designing of the awning had to allow wind loads and the use of a gantry crane in the existing structure; All fabrication was fabricated locally in Mount Isa at CSF workshop & shipped out to Lady Loretta. When it came time for the installation, we worked closely with the LLM maintenance team with a shift change, production equipment and LV services so that there was no time lost for the maintenance crew & production. The finishing product with sheeting and flashing was also supplied from the the Custom Steel Fab team.

Reference - Rob Brown 0427 874 638

SWITCH YARD PROJECT

Custom Steel Fab completed this unique project for the New Switch Room upgrade MIM for Glencore Mine. We had a great time working together with David & Bob the MIM Representatives, including safety and teamwork

The Details: This project included – Civil, transport, erection & installation of the switch rooms, with our team using over 40T of Steelworks with Custom Steel fabs millimetre accuracy civil construction.

Reference
David Foughy – 0417 075 263

CUSTOM STEEL FAB