
DRK STEELCRAFT DETAILING

PORTFOLIO

Original Tekla steel detailing projects

01 Warehouse

02 Commercial

03 Residential

04 Connection Details

05 GA Drawing

3D MODELING

GA & FABRICATION DRAWINGS

CONNECTION DETAILS

SHOP DRAWINGS & NC FILES

AS 4100 / AS-NZS 4600 COMPLIANT



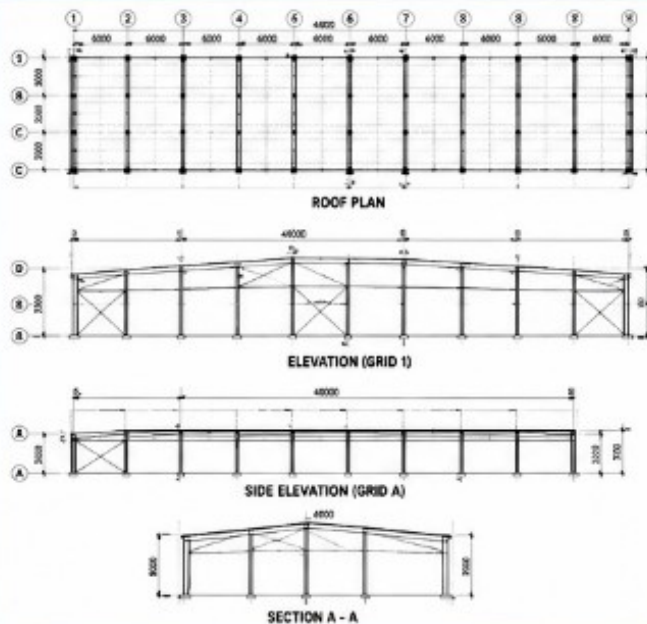
PROJECT DETAILS

PROJECT TYPE	WAREHOUSE
LOCATION	AUSTRALIA
SOFTWARE	TEKLA STRUCTURES
SCOPE	3D MODEL, GA DRAWINGS, SHOP DRAWINGS, CONNECTION DETAILS
STANDARD	AS 4100 / AS/NZS 4600
STATUS	FABRICATION READY

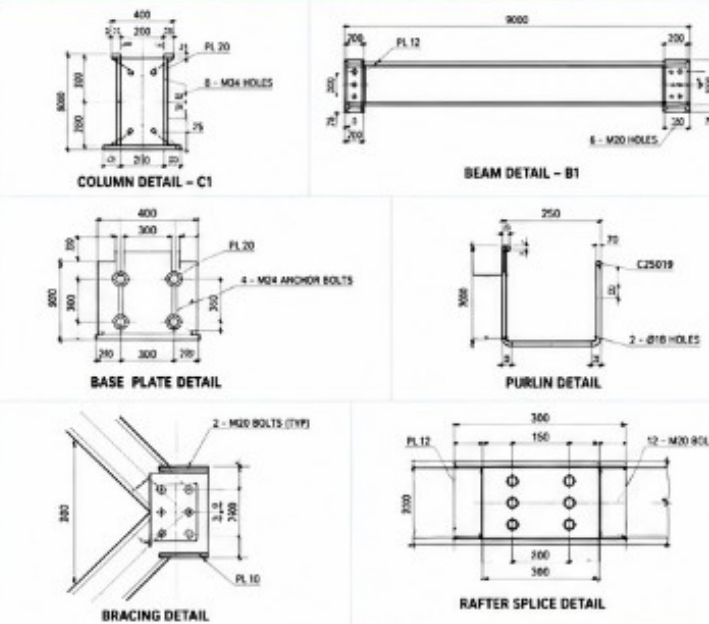
KEY FEATURES

- ✓ Optimized steel design
- ✓ Accurate and detailed modeling
- ✓ Fabrication ready drawings
- ✓ Compliant with Australian Standards
- ✓ Fast turnaround time

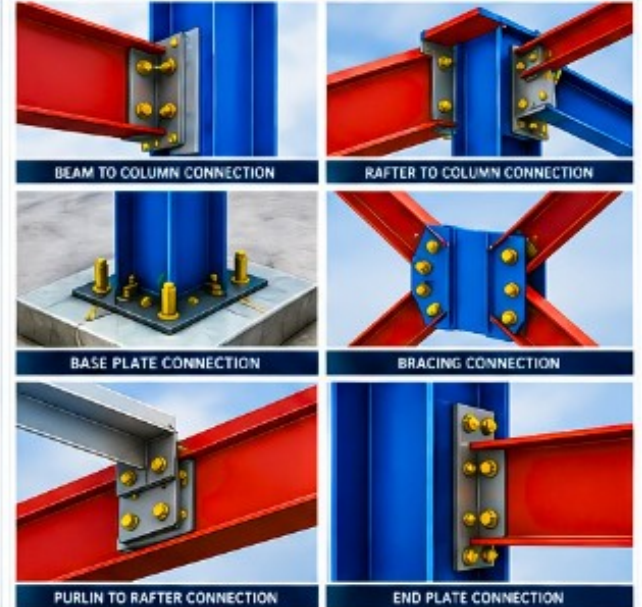
GA DRAWINGS



FABRICATION DRAWING SAMPLE



CONNECTION DETAILS (3D VIEWS)



Tekla Structures
3D Modeling & Detailing



GA & Fabrication Drawings
Accurate & Code Compliant



Australian Standards (AS)
AS 4100 | AS/NZS 4600



Shop Drawings & NC Files
Ready for Fabrication

Build with Precision

WAREHOUSE STEEL STRUCTURE – SAMPLE 2

3D MODEL | GA DRAWINGS | CONNECTION DETAILS | FABRICATION READY



3D TEKLA MODEL – PERSPECTIVE VIEW

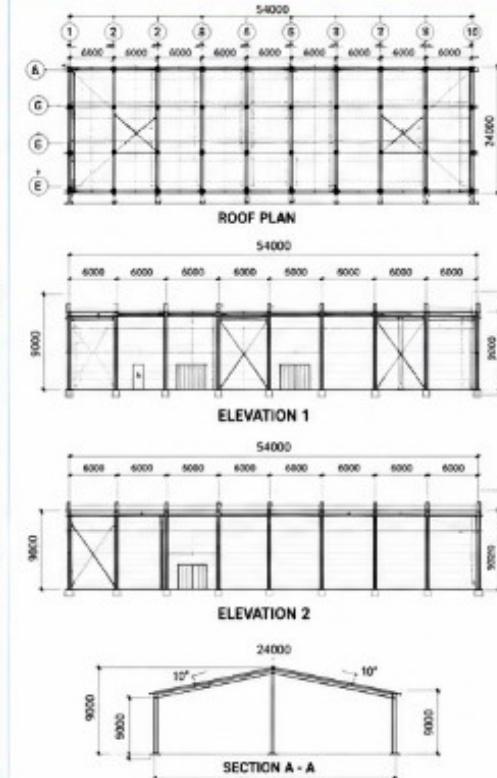


3D MODEL – INTERNAL VIEW



3D MODEL – ROOF FRAMING VIEW

GA DRAWINGS



PROJECT DETAILS

PROJECT TYPE	WAREHOUSE
LOCATION	AUSTRALIA
SOFTWARE	TEKLA STRUCTURES
SCOPE	3D MODEL, GA DRAWINGS, SHOP DRAWINGS, CONNECTION DETAILS
STANDARD	AS 4100 / AS/NZS 4600
STATUS	FABRICATION READY

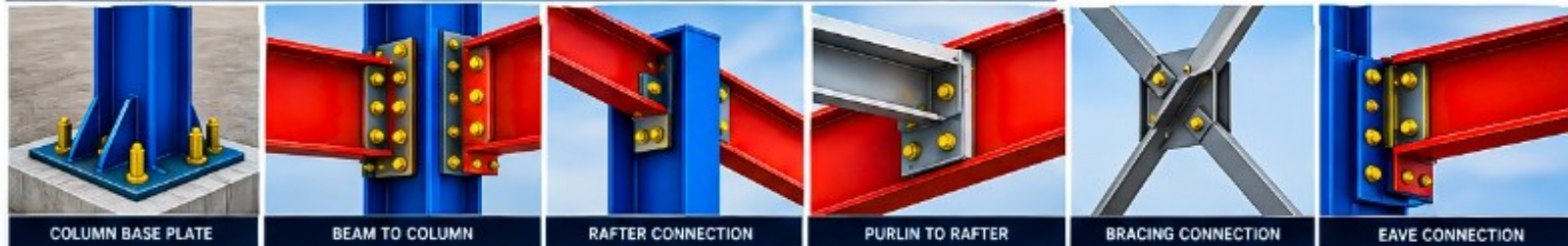
3D VIEWS



KEY FEATURES

- ✓ Accurate 3D modeling with Tekla Structures
- ✓ Detailed GA and fabrication drawings
- ✓ Fabrication ready connection details
- ✓ Compliant with Australian Standards (AS 4100 / AS 4600)
- ✓ Optimized for cost and buildability
- ✓ On-time delivery with global support

CONNECTION DETAILS



Tekla Structures
3D Modeling & Detailing



GA & Fabrication Drawings
Shop Drawings & NC Files



Australian Standards (AS)
AS 4100 | AS/NZS 4600



Fast Turnaround
Reliable Support

Your Steel Detailing Partner

COMMERCIAL STEEL BUILDING – SAMPLE 1

3D MODEL | GA DRAWINGS | CONNECTION DETAILS | FABRICATION READY



3D TEKLA MODEL – FRONT PERSPECTIVE VIEW



3D TEKLA MODEL – REAR VIEW



3D TEKLA MODEL – ISOMETRIC VIEW

PROJECT INFORMATION

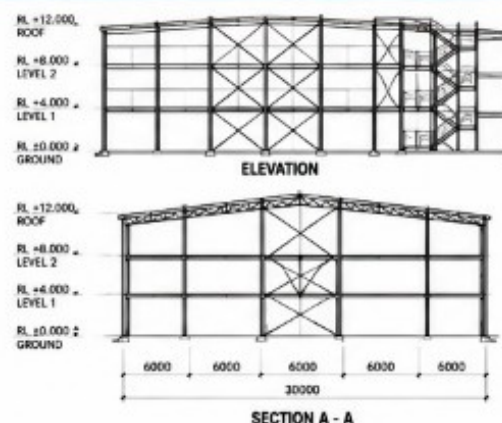
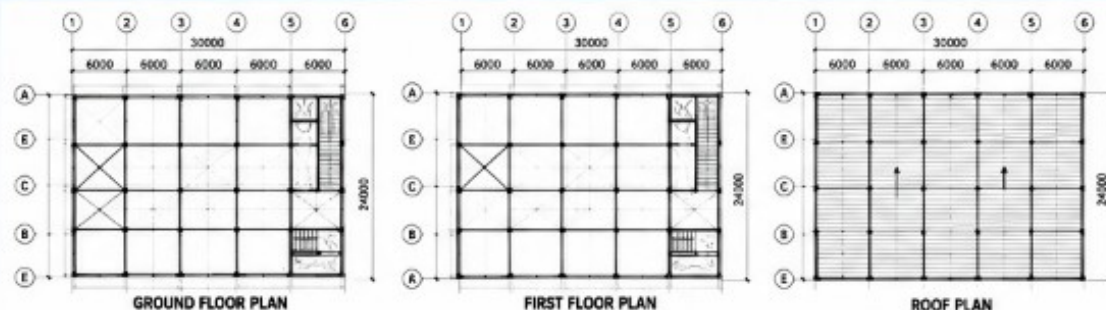
PROJECT TYPE	COMMERCIAL BUILDING
LOCATION	AUSTRALIA
STRUCTURE	3 STOREY OFFICE BUILDING
SOFTWARE	TEKLA STRUCTURES
SCOPE	3D MODEL, GA DRAWINGS, SHOP DRAWINGS, CONNECTION DETAILS, FABRICATION FILES (NC)
STANDARD	AS 4100 / AS/NZS 4600
STATUS	SAMPLE PROJECT

KEY FEATURES

- ✓ Accurate 3D modeling with Tekla Structures
- ✓ Detailed GA and fabrication drawings
- ✓ Compliant with Australian Standards
- ✓ Optimized for cost and constructability
- ✓ Complete connection, member and framing details
- ✓ Stair, bracing and secondary steel detailing
- ✓ Ready for fabrication (NC files)

*Precision in Steel
Excellence in Detail*

GENERAL ARRANGEMENT DRAWINGS



3D VIEWS (TEKLA MODEL)



CONNECTION DETAILS



FINISHED BUILDING (CONCEPT VIEW)



AUSTRALIAN STANDARDS
AS 4100 / AS/NZS 4600



DETAILED & ACCURATE
SHOP DRAWINGS



FABRICATION READY
NC FILES



ON-TIME DELIVERY
GLOBAL SUPPORT



COMMERCIAL | RESIDENTIAL | INDUSTRIAL | WAREHOUSE
STEEL DETAILING SOLUTIONS

Your Steel Detailing Partner
FROM CONCEPT TO COMPLETION

COMMERCIAL BUILDING – SAMPLE 2

3D MODEL | GA DRAWINGS | CONNECTION DETAILS | FABRICATION READY



3D TEKLA MODEL – EXTERIOR VIEW



3D TEKLA MODEL – INTERIOR VIEW



ISOMETRIC VIEW

PROJECT INFORMATION

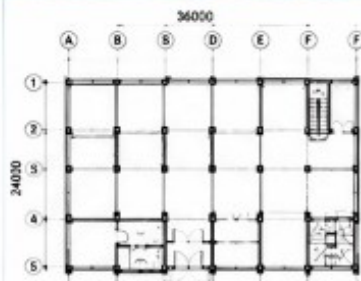
PROJECT TYPE	COMMERCIAL OFFICE BUILDING
LOCATION	AUSTRALIA
STRUCTURE	3 STOREY STEEL FRAME
SOFTWARE	TEKLA STRUCTURES
SCOPE	3D MODEL, GA DRAWINGS, SHOP DRAWINGS, CONNECTION DETAILS, FABRICATION READY FILES
STANDARD	AS 4100 / AS/NZS 4600
STATUS	SAMPLE PROJECT

KEY FEATURES

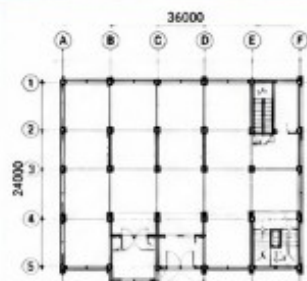
- ✓ Accurate 3D modeling with Tekla Structures
- ✓ Detailed GA and fabrication drawings
- ✓ Compliant with Australian Standards
- ✓ Optimized for cost and constructability
- ✓ Complete connection, member and framing details
- ✓ Stair, bracing and secondary steel detailing
- ✓ Ready for fabrication (NC files)

*Quality Detailing
for Stronger Buildings*

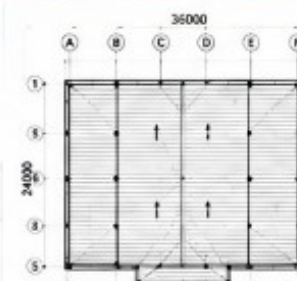
GENERAL ARRANGEMENT DRAWINGS



GROUND FLOOR PLAN



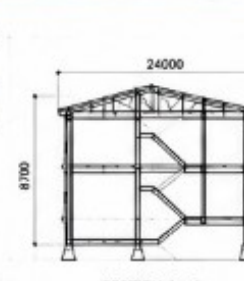
FIRST FLOOR PLAN



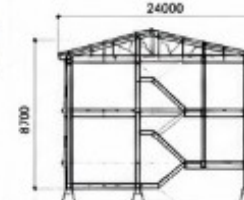
ROOF PLAN



FRONT ELEVATION



SIDE ELEVATION



SECTION A - A

DETAILED 3D VIEWS



FRONT PERSPECTIVE VIEW



REAR VIEW



ROOF FRAMING VIEW



INTERIOR VIEW

CONNECTION DETAILS



BASE PLATE DETAIL



BEAM TO COLUMN



BRACING CONNECTION



PURLIN TO RAFTER



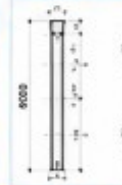
STAIR CONNECTION



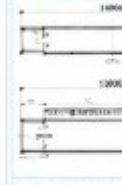
END PLATE DETAIL

FABRICATION DRAWINGS (SAMPLE)

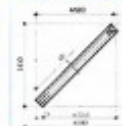
COLUMN SHOP DRAWING



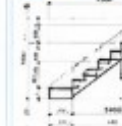
COLUMN SHOP DRAWING



BRACING SHOP DRAWING



STAIR SHOP DRAWING





3D STEEL MODEL – FRONT VIEW



3D STEEL MODEL – REAR VIEW



CONCEPT / FINISHED VIEW

PROJECT INFORMATION

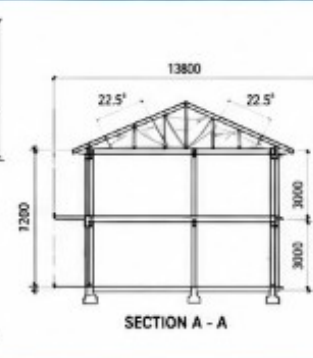
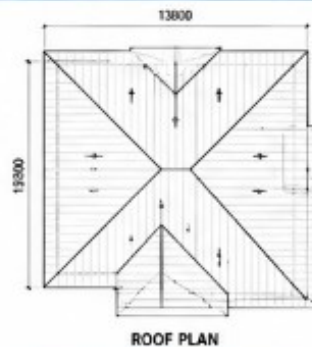
PROJECT TYPE	AUSTRALIAN RESIDENTIAL
LOCATION	AUSTRALIA
SOFTWARE	TEKLA STRUCTURES
SCOPE	3D MODEL, GA DRAWINGS, SHOP DRAWINGS, CONNECTION DETAILS, FABRICATION FILES
STANDARD	AS 4100 / AS/NZS 4600
STATUS	SAMPLE PROJECT

KEY FEATURES

- ✓ Light gauge steel framing (LGS)
- ✓ Accurate 3D modeling with Tekla Structures
- ✓ Detailed GA and fabrication drawings
- ✓ Roof trusses, wall frames & bracing details
- ✓ Compliant with Australian Standards
- ✓ Optimized for cost and constructability
- ✓ Ready for fabrication (NC files)

*Strong Homes
Brighter Futures*

GENERAL ARRANGEMENT DRAWINGS



DETAILED 3D VIEWS



ROOF FRAMING VIEW



WALL FRAMING VIEW



FLOOR FRAMING VIEW

CONNECTION DETAILS



BASE PLATE DETAIL



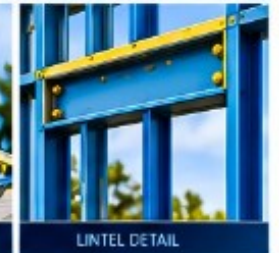
BEAM TO COLUMN



TRUSS CONNECTION



WALL BRACING DETAIL



LINTEL DETAIL



Tekla Structures
3D Modeling & Detailing



GA & Fabrication Drawings
Shop Drawings & NC Files



Australian Standards (AS)
AS 4100 | AS/NZS 4600



Residential Steel Specialists
Accurate | Reliable | On-Time



Global Delivery
Support Worldwide

Your Steel Detailing Partner
FROM CONCEPT TO COMPLETION

AUSTRALIAN RESIDENTIAL STEEL – SAMPLE 3

LIGHT GAUGE STEEL FRAMING | 3D MODEL | GA DRAWINGS | CONNECTION DETAILS | FABRICATION READY



3D MODEL – FRONT VIEW



3D MODEL – REAR VIEW



3D MODEL – ISOMETRIC VIEW



CONCEPT / FINISHED VIEW

PROJECT INFORMATION	
PROJECT TYPE	AUSTRALIAN RESIDENTIAL
LOCATION	AUSTRALIA
STRUCTURE	2 STOREY HOUSE
MATERIAL	LIGHT GAUGE STEEL (LGS)
SOFTWARE	TEKLA STRUCTURES
SCOPE	3D MODEL, GA DRAWINGS, FRAMING & CONNECTION DETAILS, FABRICATION READY FILES
STANDARD	AS 4100 / AS/NZS 4600
STATUS	SAMPLE PROJECT

KEY FEATURES

- ✓ Accurate 3D modeling with Tekla Structures
- ✓ Compliant with Australian Standards
- ✓ Detailed GA and fabrication drawings
- ✓ Complete framing and connection details
- ✓ Optimized for cost and constructability
- ✓ Suitable for builders, fabricators and site erection
- ✓ Ready for fabrication (NC files)

*Quality Detail
Stronger Homes*

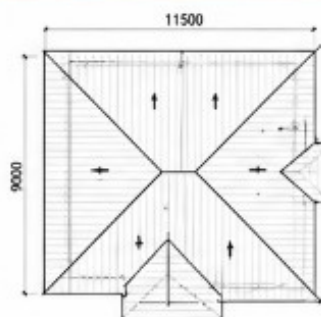
GENERAL ARRANGEMENT DRAWINGS



GROUND FLOOR PLAN



FIRST FLOOR PLAN



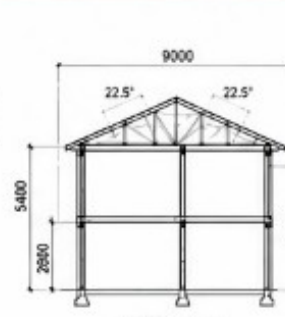
ROOF PLAN



FRONT ELEVATION



REAR ELEVATION



SECTION A - A

DETAILED 3D VIEWS



INTERNAL VIEW



STAIR FRAMING DETAIL



WALL FRAMING VIEW

CONNECTION DETAILS (3D VIEWS)



BASE PLATE DETAIL



BEAM TO COLUMN



TRUSS TO WALL PLATE



STUD TO TRACK

FRAMING VIEWS



ROOF FRAMING VIEW



FLOOR FRAMING VIEW



Residential Steel Detailing
For a Better Tomorrow



Tekla Structures
3D Modeling & Detailing



GA & Fabrication Drawings
Shop Drawings & NC Files



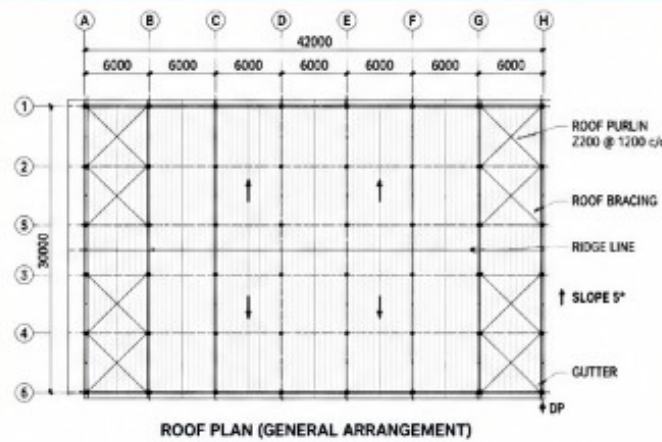
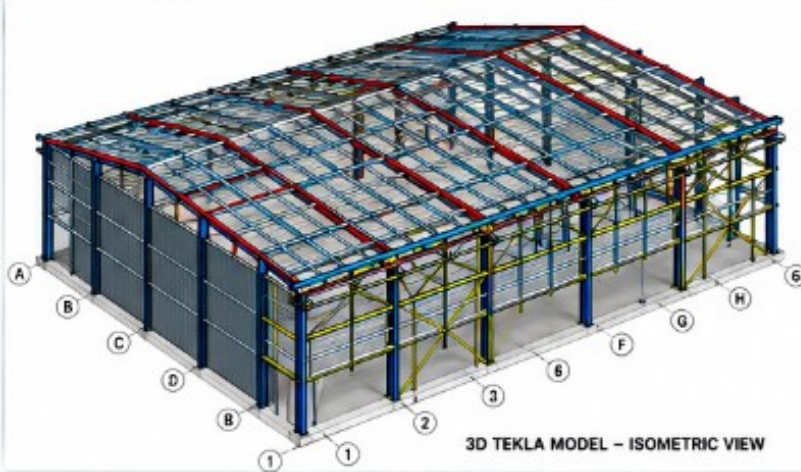
Australian Standards
AS 4100 | AS/NZS 4600



Global Delivery
On-Time Support

Your Steel Detailing Partner

FROM CONCEPT TO COMPLETION

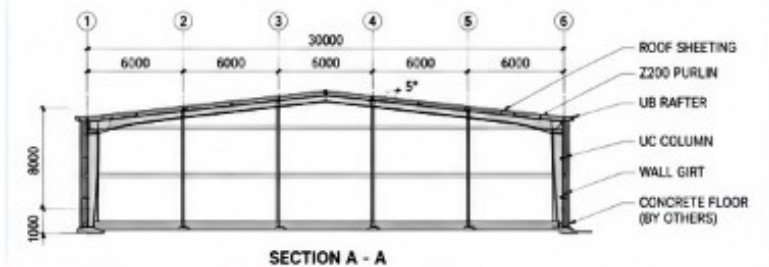
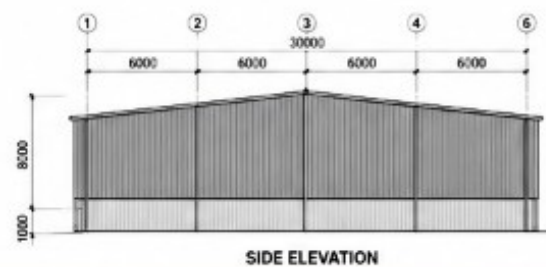
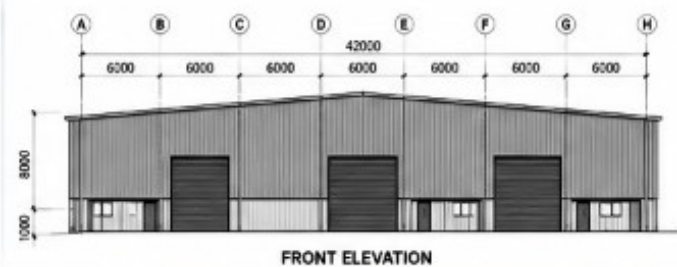


BILL OF MATERIAL (SAMPLE)

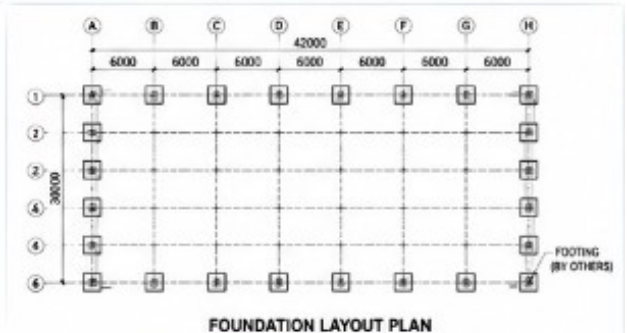
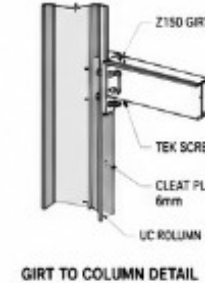
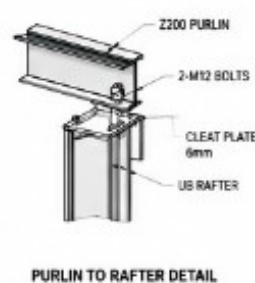
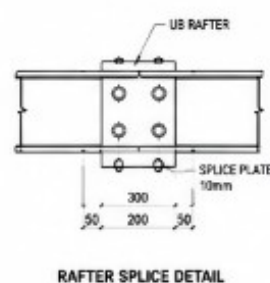
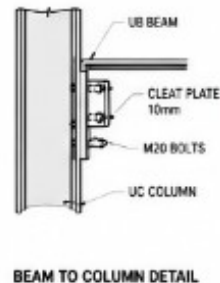
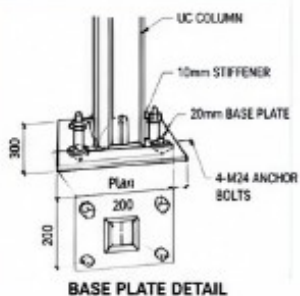
ITEM	SECTION	GRADE	QTY	UNIT WT (kg/m)	TOTAL WT (kg)
1	UC310x96	300	18	96.8	17,418
2	UC250x72	300	16	72.9	11,664
3	UB200x18	300	32	18.4	11,776
4	UB310x32	300	12	32.0	6,144
5	Purlin Z200	450	320	5.6	5,734
6	Girt Z150	450	240	4.2	3,024
7	Rod Bracing	300	36	2.5	90
8	Base Plate	300	34	-	-
9	Cleats/Other	300	-	-	1,250
TOTAL WEIGHT (Approx.)					55,900 kg

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- FABRICATION TO BE IN ACCORDANCE WITH AS 4100 / AS/NZS 4600.
- REFER TO ARCHITECTURAL DRAWINGS FOR WALL CLADDING DETAILS.
- THIS DRAWING IS A SAMPLE ONLY.



TYPICAL DETAILS



DETAILED & ACCURATE
STEEL DETAILING



COMPLIANT WITH
AUSTRALIAN STANDARDS
AS 4100 / AS/NZS 4600



SHOP DRAWINGS
& NC FILES



ON-TIME DELIVERY
GLOBAL SUPPORT

Your Detailing Partner

DRK SteelCraft Detailing
From Concept to Completion

PROJECT : INDUSTRIAL WAREHOUSE

DRAWING : GENERAL ARRANGEMENT

PROJECT No : DRK-001

DATE : 18-09-2026

REV : A