

		QUANTITY	RATE	AMOUNT
SECTION NO. 1				
PRELIMINARIES AND GENERAL				
BUILDING WORK				
BILL NO. 1				
FIXED CHARGE ITEMS				
<u>Contractual requirements.</u>				
Insurances	SUM	1		
Programming	SUM	1		
Performance Security	SUM	1		
Retention Guarantee	SUM	1		
<u>Establishment of Facilities on the Site</u>				
<u>Facilities for Engineer</u>				
Equipment for the Engineer's Staff	SUM	1		
<u>Facilities for Contractor</u>	H4			
Offices and Storage Sheds	SUM	1		
Workshops	SUM	1		
Site Establishment	SUM	1		
Living Accomodation - The Contractor to supply a breakdown of the different categories namley: Supervision, Skilled Labor, Semi Skilled Labour and Unskilled Labour	SUM	1		
Laboratory Facilities	SUM	1		
Ablution and Latrine Facilities	SUM	1		
Tools and Equipment	SUM	1		
Water Supplies	SUM	1		
Electric Power	SUM	1		
Communication	SUM	1		
Air Supplies	SUM	1		

Dealing with Water	SUM	1		
Access	SUM	1		
<u>Facilities Requiring Special Attention</u>				
Security	SUM	1		
Safety	SUM	1		
Samples and certification of materials	SUM	1		
Testing Authority	SUM	1		
Other Contractors	SUM	1		
Quality Assurance	SUM	1		
Orders and Indents	SUM	1		
Site Meetings	SUM	1		
Plant for the Works	SUM	1		
Transport on the site	SUM	1		
Transport of the Workforce to and from the site	SUM	1		
Supervision for the duration of the construction	SUM	1		
Company and head office overheads costs for the duration of the contract works	SUM	1		
Other fixed charge obligation - Contractor to submit details	SUM	1		
Remove site establishment on completion	SUM	1		
VALUE RELATED ITEMS				
<u>Contractual requirements.</u>				
Insurances	SUM	1		
Programming	SUM	1		
Performance Security	SUM	1		
Retention Guarantee	SUM	1		
<u>Establishment of Facilities on the Site</u>				
<u>Facilities for Engineer</u>				
Equipment for the Engineer's Staff	SUM	1		
<u>Facilities for Contractor</u>				
Offices and Storage Sheds	SUM	1		
Workshops	SUM	1		

Site Establishment	SUM	1		
Living Accomodation - The Contractor to supply a breakdown of the different categories namley: Supervision, Skilled Labor, Semi Skilled Labour and Unskilled Labour	SUM	1		
Laboratory Facilities	SUM	1		
Ablution and Latrine Facilities	SUM	1		
Tools and Equipment	SUM	1		
Water Supplies	SUM	1		
Electric Power	SUM	1		
Communication	SUM	1		
Air Supplies	SUM	1		
Dealing with Water	SUM	1		
Access	SUM	1		
<u>Facilities Requiring Special Attention</u>				
Security	SUM	1		
Safety	SUM	1		
Samples and certification of materials	SUM	1		
Testing Authority	SUM	1		
Other Contractors	SUM	1		
Quality Assurance	SUM	1		
Orders and Indents	SUM	1		
Site Meetings	SUM	1		
Plant for the Works	SUM	1		
Transport on the site	SUM	1		
Transport of the Workforce to and from the site	SUM	1		
Supervision for the duration of the construction	SUM	1		
Company and head office overheads costs for the duration of the contract works	SUM	1		
Other value related obligations - Contractor to submit details	SUM	1		
Remove site establishment on completion	SUM	1		
TIME RELATED ITEMS				
<u>Contractual requirements.</u>				

Insurances	SUM	1		
Programming	SUM	1		
Performance Security	SUM	1		
Retention Guarantee	SUM	1		
<u>Establishment of Facilities on the Site</u>				
<u>Facilities for Engineer</u>				
Equipment for the Engineer's Staff	SUM	1		
<u>Facilities for Contractor</u>				
Offices and Storage Sheds	SUM	1		
Workshops	SUM	1		
Site Establishment	SUM	1		
Living Accomodation - The Contractor to supply a breakdown of the different categories namley: Supervision, Skilled Labor, Semi Skilled Labour and Unskilled Labour	SUM	1		
Laboratory Facilities	SUM	1		
Ablution and Latrine Facilities	SUM	1		
Tools and Equipment	SUM	1		
Water Supplies	SUM	1		
Electric Power	SUM	1		
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Security	SUM	1		
Safety	SUM	1		
Samples and certification of materials	SUM	1		
Testing Authority	SUM	1		
Other Contractors	SUM	1		
Quality Assurance	SUM	1		
Orders and Indents	SUM	1		
Site Meetings	SUM	1		

Plant for the Works	SUM	1		
Transport on the site	SUM	1		
Transport of the Workforce to and from the site	SUM	1		
Supervision for the duration of the construction	SUM	1		
Company and head office overheads costs for the duration of the contract works	SUM	1		
Other time related obligation - Contractor to submit details	SUM	1		
Remove site establishment on completion	SUM	1		
COMMUNITY LIAISON OFFICER (CLO) Provide the sum of R 22 500.00 for payment of CLO for duration of the contract		1	R 22 500,00	R 22 500,00
Project Steering Committee (PSC) Provide the Sum of R 10 000. 00 for payment of PSC members per attendance of progress meetings		1	R 10 000,00	R 10 000,00
ISD Consultant appointed by Principal Agent		1	R 30 000,00	R 30 000,00
TOTAL SECTION NO 1 - PRELIMINARIES				
SECTION 2				
<u>BILL NO. 1</u>				
For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades.				
<u>EARTHWORKS (PROVISIONAL)</u>				
For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades.				
Nature of ground				
The nature of the ground is assumed to be sandy weathered granite, therefore "earth", but possibly interspersed with "hard rock"				
Excavation for working space in rock				
Notwithstanding clause 11 page 8 of the Standard System of Measuring Building Work, excavation for working space in rock will be measured in cubic metres to the extent executed and given as "extra over" bulk excavation or trench and hole excavation as the case may be				
Carting away of excavated material				
<i>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks</i>				

directly from the excavations or, alternatively, from stock piles situated on the building site				
Filling				
Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any multiple handling of material				
Soil poisoning				
Ant and weed poisoning will be applied in accordance to SABS specifications by Registered and Approved Specialists who will issue a five (5) year guarantee. The contractor will only be paid for this items once they have produced the said certificate to the Principal Agent				
User note				
When no information regarding density and other tests is available the following preamble in respect of testing may be inserted				
Testing				
Prices for filling are to include for all necessary density and other tests				
<u>SITE CLEARANCE</u>				
User note				
Where the value is of significance, the removal of hedges etc shall be given separately in meters or in number				
Site clearance				
Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m2	250	R	-
<u>REMOVAL OF TREES ETC</u>				
<u>Taking out and removing, grubbing up roots, filling in holes and compacting to 25% Mod AASHTO density</u>				
Tree stump not exceeding 1m high, exceeding 200mm and not exceeding 500mm girth	No	2	R	-
TOTAL SECTION NO 2 BILL NO 1 - EXCAVATIONS			R	-
SECTION NO.2				
<u>BILL NO 2</u>				
<u>EXTERNAL WORK</u>				
<u>PARKING CARPOTS</u>				
<u>Parkings, etc.</u>				

Supply and installation of structural steel double bay carports, plan view area size 7.5m x 4.5m including 100mm diameter hollow steel posts, hollow beams, braces, GALVANISED STEEL PURLINS AT MAX. 1.5 M CENTRES, FIXED TO STEEL BEAMS PER ENGINEER'S DESIGN & DETAIL, bolts and nuts, 0.58mm THICK IBR-PROFILED ZINCALUME OR CHROMADEK ROOF SHEETING, FIXED TO PURLINS AT 1.5m MAX CENTERS WITH HEX-HEAD SELF-DRILLING SCREWS AND NEOPRENE WASHERS complete as per the manufacturer or engineer specification. Ref drawing number 25_01-	No	19	R	-
<u>Excavation in eart not exceeding 2m deep</u>				
In holes	m3	38	R	-
<u>Extra over bulk excavation in earth for excavation in</u>				
Soft rock	m3	18	R	-
Hard rock	m3	10	R	-
<u>Extra over all excavations for carting away</u>				
Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	38	R	-
<u>Keeping excavations free of water</u>				
Keeping excavations free of water other than subterranean water	Item	1	R	-
<u>Reinforced Concrete cast against excavated surfaces</u>				
<u>Ready mix 35MPa Concrete</u>				
Bases	m3	38	R	-
Concrete test cubes	No	12	R	-
<u>LAYER WORK</u>				
150mm crushed G4 material compacted to 88% Mod AASHTO Desnsity	m3	8,22	R	-
RAINWATER DISPOSAL	H2			
<u>0,6mm Galvanised sheet iron with "Chromadek" finish on one side</u>	H4			
125x100mm SQUARE ALUMINIUM GUTTER FIXED TO FASCIA WITH CONCEALED BRACKETS AT MAX. 600mm CENTRES; POWDER-COATED FINISH; CONNECTED TO 100X75mm SQUARE ALUMINIUM DOWNPIPES WITH MATCHING CLIPS AT 1.8m CENTRES. COLOUR TO MATCH EXISTING.	m	134	R	-
Extra over eaves gutter for angle	No	65	R	-
Extra over eaves gutter for stopped end	No	65	R	-
Extra over eaves gutter for outlet for 100 x 75mm diameter pipe	No	65	R	-
100mm Diameter rainwater pipes	m	65	R	-
Extra over rainwater pipe for eaves or plinth offset 450mm projection	No	65	R	-

Extra over rainwater pipe for shoe	No	55		R	-
STEELWORK	H2				
400 x 400 x10mm thick support and anchor plate	m2	16		R	-
Extra over bolt anchorage	No	65		R	-
ROUND BAR CROSS-BRACING BETWEEN STEEL COLUMNS FOR STRUCTURAL STABILITY PER ENGINEER'S DESIGN & DETAIL	m	268		R	-
<u>Paintwork</u>					
<u>Two coats reflective road marking paint on tarmacadam</u>					
<u>Etching primer and two coats reflective road marking paint on concrete</u>					
IBR roof sheeting	m2	603		R	-
TOTAL SECTION NO 2 BILL NO 2 - EXTERNAL WORK				R	-
SECTION NO.3					
BILL NO 1					
CONTINGENCIES					
<u>Allow contingencies of R90 000.00 to be used directly by the Principal Agent or deducted in whole or in part if not required.</u>	Item	1		R	-
TECHNICAL STUDENTS TRAINING					
Allow an amount of R 250 000.00 for the contractor to transfer skills to IKHALA TVET College students. Students to be nominated by the college	Item	1		R	-
Contractors handling fee	%	10		R	-
TOTAL SECTION 2 BILL NO 1				R	-
TOTAL EXCLUDING VAT				R	-
VAT @ 15%				R	-
TOTAL INCLUDING VAT				R	-



**SCOPE OF WORKS FOR THE CONSTRUCTION OF NEW ADMIN BLOCK AND
WORKSHOP CARPORTS AT IKHALA TECHNICAL AND VOCATIONAL EDUCATION
& TRAINING COLLEGE**

PREPARED BY: MEBAN GROUP (PTY) LTD

REPRESENTED BY: MBALI MKHWANAZI

APPROVED BY: NTSAKO MNYANGA

**FOR:
IKHALA TVET COLLEGE
(ALI WAL NORTH CAMPUS)**

MAY 2025

SIGNED BY: NTSAKO MNYANGA





Visual scope of works
Provisional scope of works

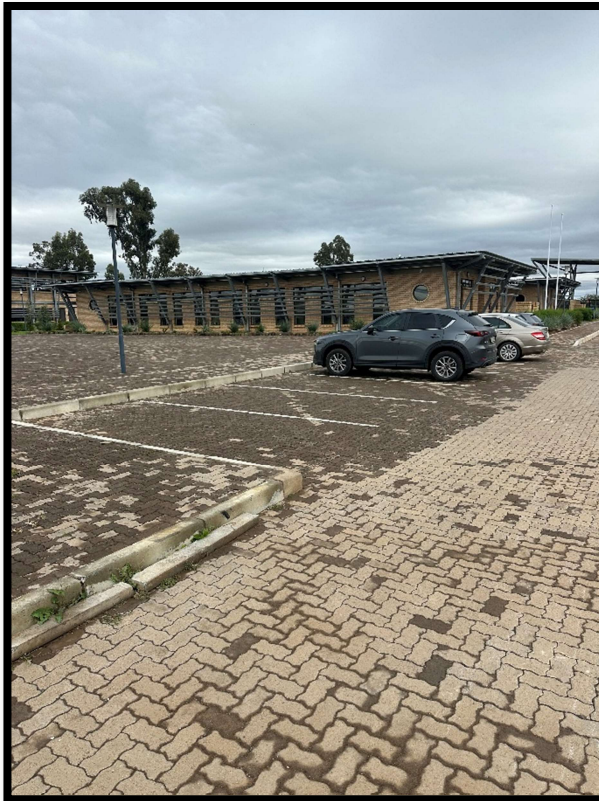
Visual scope of works – Construction of new Admin Block carports



Area where Digging up and removing rubbish, debris, vegetation, hedges, shrubs and bush will be done



Visual Scope of Work-Installation of the new Admin Block carports



Area to be
excavated for
reinforced
concrete bases to
support the new
structures to be
built



Visual scope of works – Construction of new Workshop carports



Area where Digging up and removing rubbish, debris, vegetation, hedges, shrubs and bush will be done



Visual Scope of Work-Installation of the new Workshop carports



Area to be excavated for reinforced concrete bases to support the new structures to be built



PROVISIONAL SCOPE OF WORKS

Earth works

Site clearing, Removing of debris and Trees

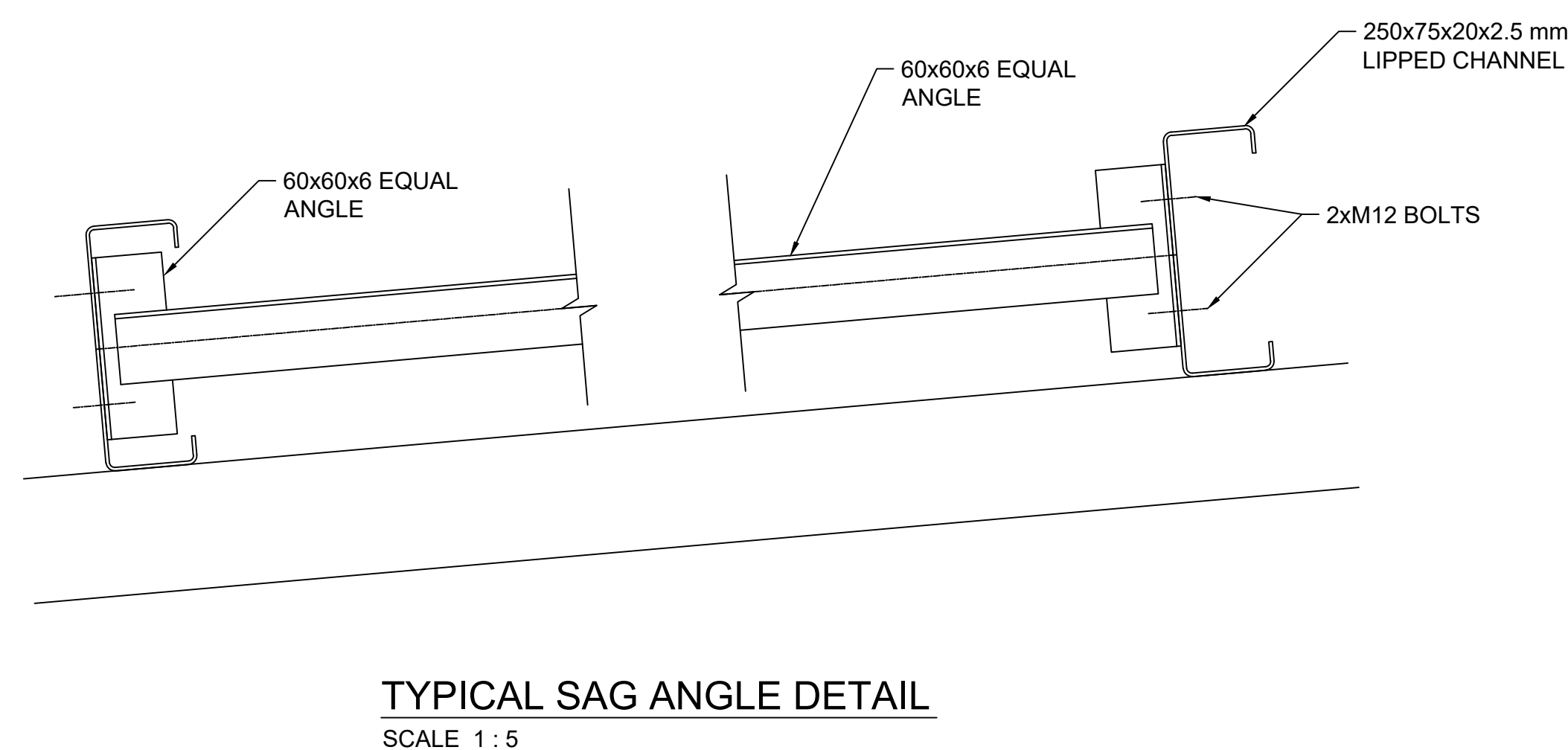
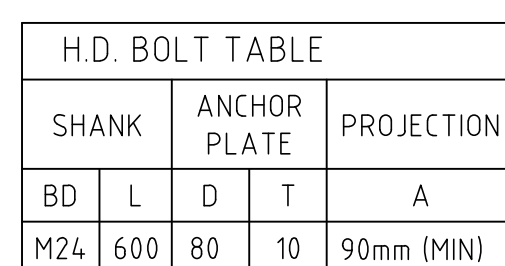
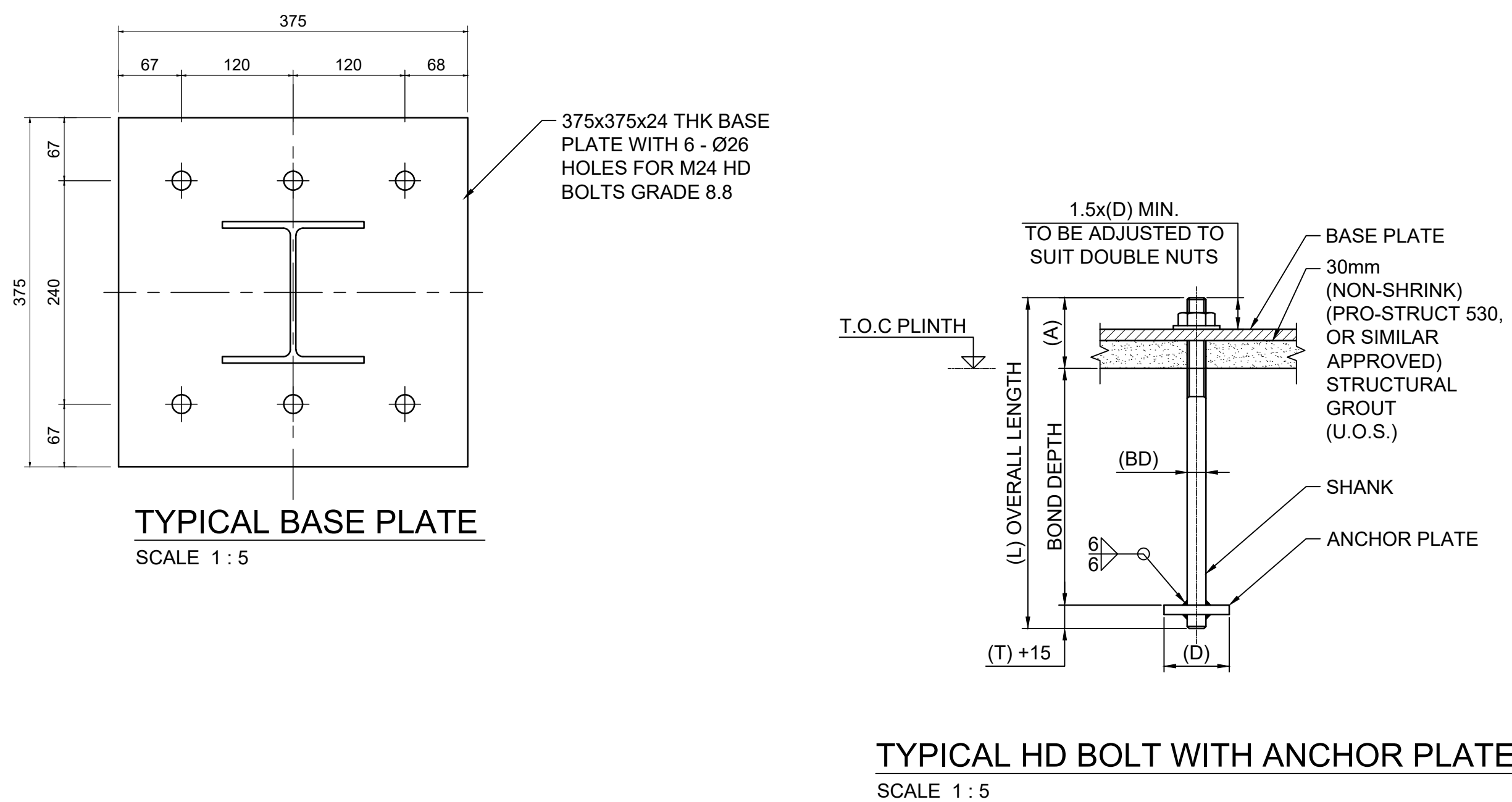
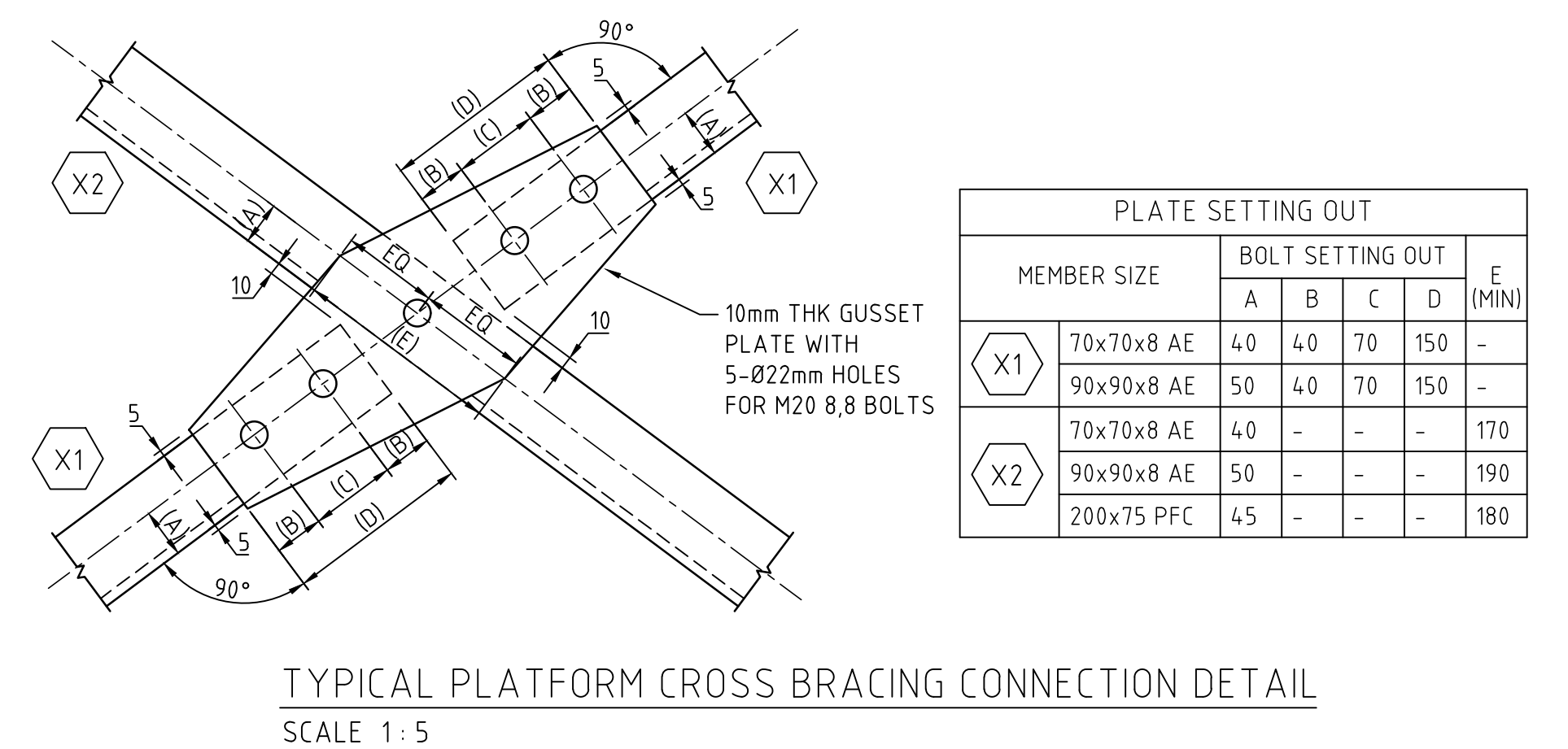
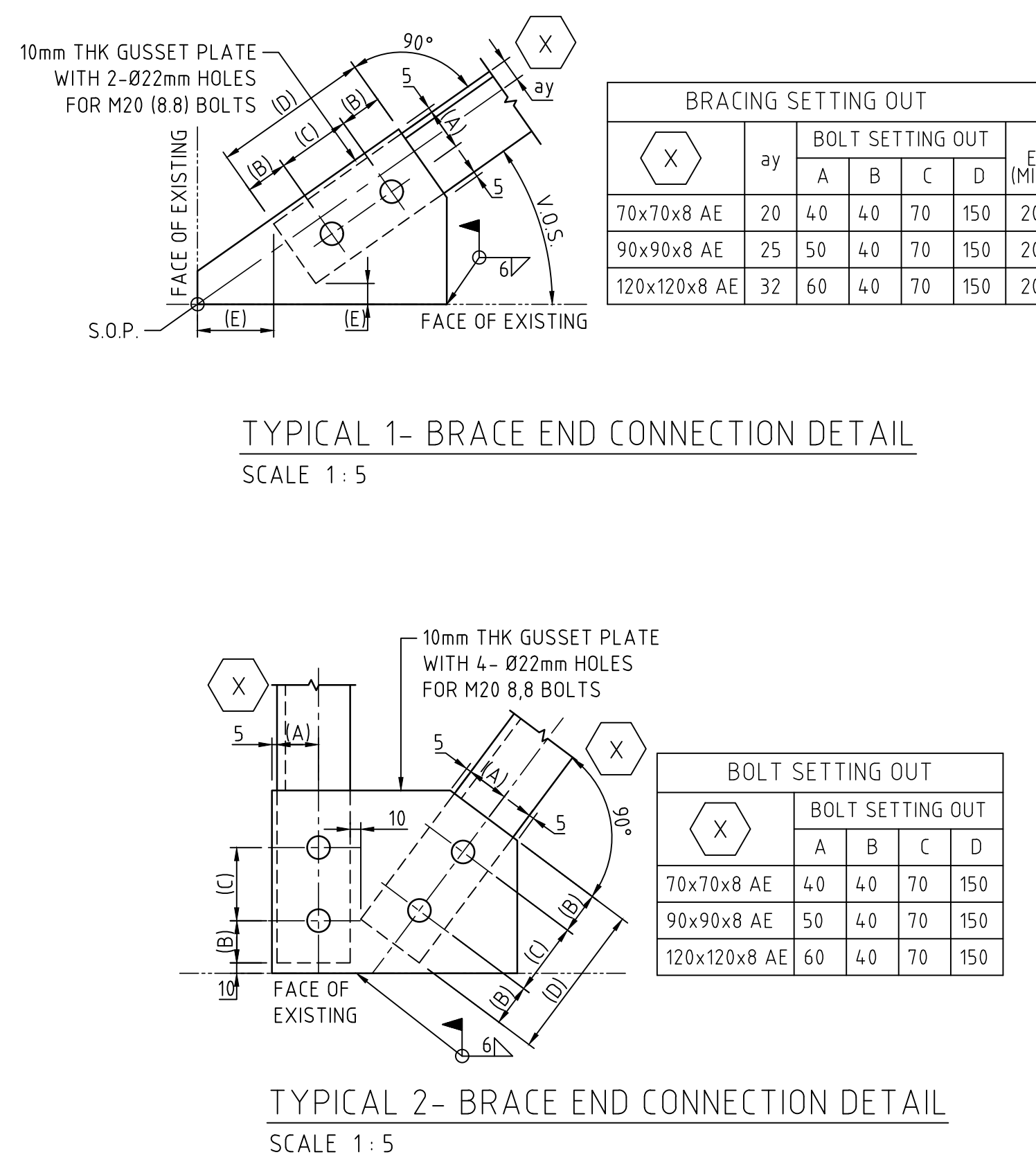
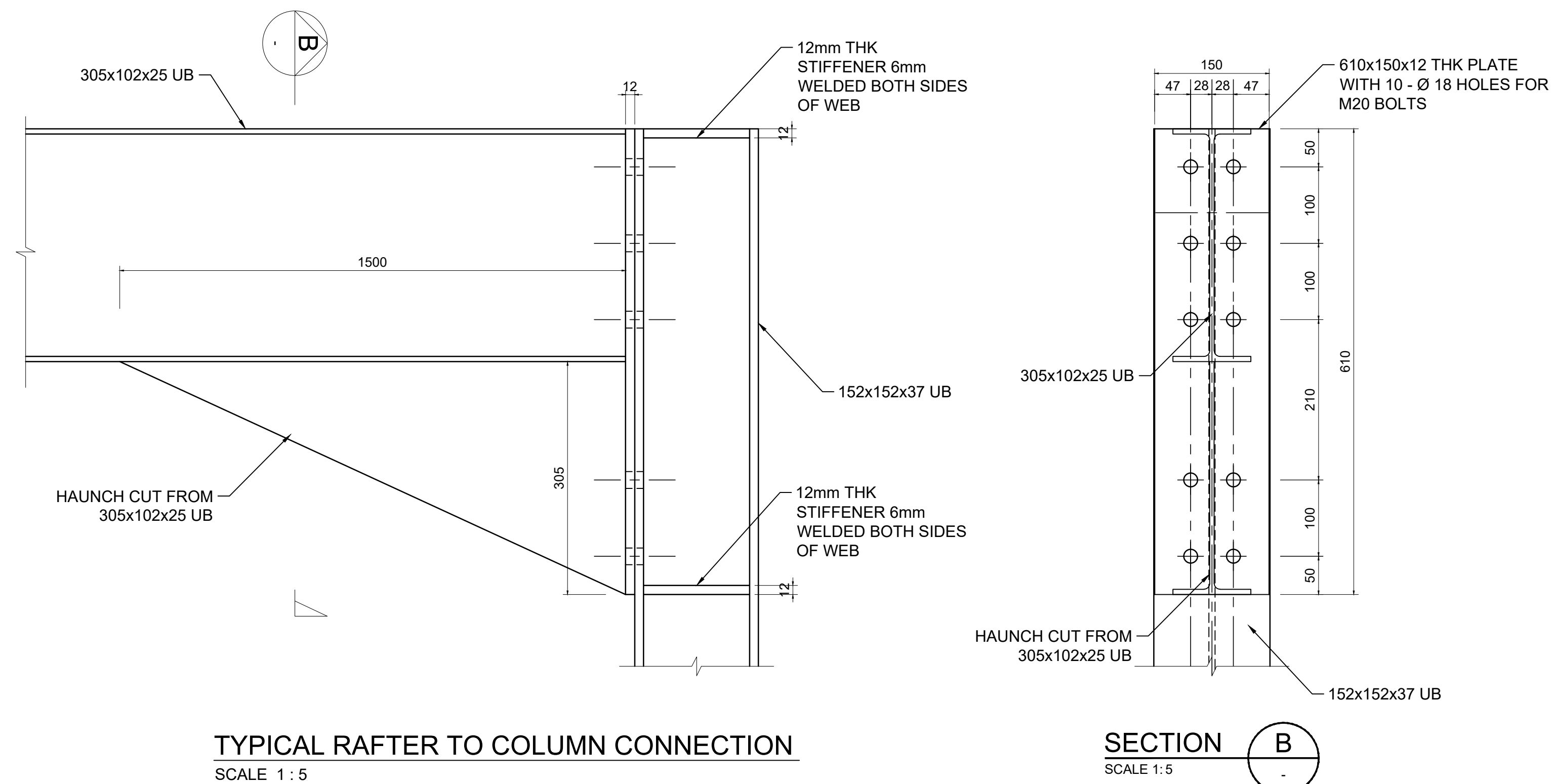
- Excavation for working space in rock
- Carting away of excavated material Remove all shrubs and trees
- Digging up and removing rubbish, debris, vegetation, hedges, shrubs and bush
- Taking out and removing, grubbing up roots, filling in holes and compacting

Building works:

External Works:

- Bulk excavation in earth
- Casting reinforced Concrete against excavated surfaces
- Installation of structural steel posts, hallow beams, braces and roof sheets
- Installation of rain water goods
- Paint works on steel structures, concrete and IBR roof sheeting

END OF REPORT



NOTES

CONTRACTORS MUST VERIFY ALL LEVELS AND DIMENSIONS ON SITE BEFORE COMMENCING WORK OR MAKING ANY SHOP DRAWINGS. USE WRITTEN DIMENSIONS IN PREFERENCE TO SCALED DIMENSIONS. THIS DRAWING TO BE READ IN CONJUNCTION WITH ANY RELEVANT CONSULTANTS DRAWINGS. ANY DISCREPANCIES AND OR ERRORS TO BE REPORTED TO ARCHITECT.

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rev no	date	issued by	description
A	07/05/25	OM	ISSUED TO CONSULTANTS

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Client	IKHALA TVET COLLEGES
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58 Henri Road, Cnr Saxby
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Eldoraigne, Pretoria
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012 881 4750

Project name	IKHALA TVET COLLEGES - CARPORT B
	SOMERSET STR, ALIWAL NORTH
	EASTERN CAPE, 9750

Drawing name	GENERAL ARRANGEMENT
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Project no. 25004		Drawing no. A25_01-			Rev A
Date 07/05/25	Scale	Drawn OM	Checked -	Workstage CONCEPT	

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1:100



1:100

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Project name
IKHALA TVET COLLEGES - CARPORT B
SOMERSET STR, ALIWIAL NORTH
EASTERN CAPE, 9750

Drawing name
GENERAL ARRANGEMENT

Project no. 25004		Drawing no. A25_01-			Rev A
Date 07/05/25	Scale	Drawn OM	Checked -	Workstage CONCEPT	

