



Bids and Awards Committee (BAC) - Infrastructure

INVITATION TO SUBMIT QUOTATION

April 11, 2025

Reference Number: **2025-413**

Name of Project: **CONSTRUCTION OF STUDENT QUEUING SHED AT NEW MEDICAL CLINIC**

Project Location: BSU La Trinidad Campus, Km 6, Baliili, La Trinidad, Benguet

Approved Budget for the Contract (ABC): Php. 500,000.00

Contract Duration: 44 calendar days

Source of Fund: 2025-IGI- CO

I. Introduction:

- A. The Benguet State University, through the Bids and Awards Committee (BAC) will undertake Small Value Procurement for the above stated project, thus, inviting registered contractors with valid license issued and classified by the Philippine Contractors Accreditation Board (PCAB). The project is a construction of student Queuing shed at the new Medical Clinic. The scope of work includes Removal of structures and obstructions, structure excavation, concrete footing and column pedestal, forms and falseworks, painting works, metal structures and trusses, roofing works and fence.
- B. Prospective Bidders must have key personnel and equipment (owned, leased or under leased agreement) available for the prosecution of the project.

II. Scope of Work

Item No.	Scope of Work
I.	Project billboard/ signboard, Occupational Safety and Health Program
II.	Removal of Structures and Obstruction, Structure Excavation (Common Soil), embankment from the excavation
III.	Reinforced concrete footing and column pedestal, formwoirks and falseworks
IV.	Painting works (Masonry/concrete steel), metal structures (trusses, purlins, bolts, cross bracing & metal steel plates), Roofing works (installation of polycarbonate roof), fence (galvanized)

III. Technical Personnel Required- The key personnel must meet the required minimum of years of experience of at least three (3) years general and relevant experience.

- a. 1 - Site Engineer/ site Architect
- b. 1 - Safety Officer/ Practitioner
- c. 1- Construction Foreman

IV. List of Equipment – must be in good condition

- a. 1 – Welding Machine
- b. 1 – Bar cutter
- c. 1 – jack hammer
- d. 1 – Drill Machine
- e. 1- Grinder

V. Eligibility Requirements (must be updated)- All eligibility requirements will be used for procurement purposes only.

- a. PhilGEPS Registration (must be Platinum)- with complete annexes
- b. Business Permit
- c. PCAB License
- d. Computation of Net Financial Contracting Capacity (NFCC)
- e. Income and Business Tax Returns
- f. Audited Financial Statements
- g. Omnibus Sworn Statement
- h. List of Technical Personnel
- i. List of Equipment with proof of ownership

VI. Procurement Activities:

- a. Issuance of bid documents:
Interested bidders/ contractors can get a copy of the plans and designs, bill of quantities of the project **starting April 14, 2025** during office hours at the Procurement Management Office (PMO), 1st Floor, Administration Building, BSU, La Trinidad, Benguet
- b. Deadline for Submission of Quotation
Quotation is to be submitted in a sealed envelope with the eligibility requirements on or before **April 22, 2025** at 1:30 PM at the Procurement Management Office (PMO), 1st Floor, Administration Building, BSU, La Trinidad, Benguet.
- c. Opening of Quotation
April 22, 2025 at 2:00 PM at the RDC Conference Hall, 2/F BSU Administration Building, La Trinidad, Benguet.

VII. For further information, please refer to:

BAC Secretariat Committee
Procurement Management Office
Benguet State University-La Trinidad Campus
1/F Administration Building
Tel No. 661-1839; 0950-603-2749
Email: procurement@bsu.edu.ph

VIII. You may visit the following websites:

For downloading of Bidding Documents: www.bsu.edu.ph/bids-awards

Sgd
JANET P. PABLO
Chairperson
Bids and Awards Committee

BILL OF QUANTITIES

PROJECT TITLE: CONSTRUCTION OF STUDENT QUEUING SHED (UHS)
LOCATION : BSU LA TRINIDAD CAMPUS, KM 6, LA TRINIDAD, BENGUET
ABC : P1hp. 500,000.00
PROJECT DURATION: 44 C.D. INCLUSIVE OF: 5 UNWORKABLE DAYS
IMPLEMENTATION MODE: BY CONTRACT

PROJECT DESCRIPTION		EQUIPMENT NEEDED		TECHNICAL PERSONEL	
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Welding Machine	1	Site Architect / Site Engineer	1	Site Architect / Site Engineer
1	Bar Cutter	1	Construction Foreman	1	Construction Foreman
1	Jack Hammer	1	Part Time Safety Officer	1	Part Time Safety Officer
1	Drilling Machine				
1	Grinder				

THE PROPOSED PROJECT IS A 53 SQ.M. QUEUING SHED ROOF OF THE NEW CLINIC BUILDING. THE SCOPE OF WORK INCLUDES EARTH WORKS AND FINISHING WORKS.

ITEM NO.	DESCRIPTION	% WEIGHT	QUANTITY	UNIT	UNIT COST	TOTAL COST
I	OTHER GENERAL REQUIREMENTS					
B.5	PROJECT BILLBOARD / SIGNBOARD		1.00	EACH		
B.7	OCCUPATIONAL SAFETY AND HEALTH PROGRAM		1.00	LUMP SUM		
A.	EARTHWORKS					
801 (1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS (CHIPPING OF TILES AND DRILLING OF FLOOR FOR THE CONCRETE PEDESTAL, REMOVAL OF EXISTING FENCE)		1.00	LUMPSUM		
803(1)a	STRUCTURE EXCAVATION (COMMON SOIL)		1.05	CU.M.		
804(1)a	EMBANKMENT FROM THE EXCAVATION		1.05	CU.M.		
B.	MISCELLANEOUS STRUCTURES					
1111(1)	REINFORCED CONCRETE FOOTING AND COLUMN PEDESTAL		1.00	LUMP SUM		
903(2)	FORMS AND FALSEWORKS		52.00	SQ.M.		
C.	FINISHINGS AND OTHER CIVIL WORKS					
1032	PAINTING WORKS (MASONRY/CONCRETE, STEEL)		63.90	SQ.M.		
1047	METAL STRUCTURES (TRUSSES, PURLINS, BOLTS, CROSS BRACING, & STEEL PLATES)		1.00	LUMP SUM		
1013	ROOFING WORKS (INSTALLATION OF POLYCARBONATED ROOF)		53.00	SQ.M.		
1722(1)d	FENCE (GALVANIZED)		11.00	SQ.M.		
TOTAL BID COST						

BREAKDOWN OF BID COST:		TOTAL COST
A.	DIRECT COST	
	EQUIPMENT	
	LABOR	
	MATERIALS	
B.	INDIRECT COST	
	OCM	
	CONTRACTOR'S PROFIT	
	TAXES	
C.	PROJECT COST(TOTAL A+B)	
AMOUNT OF BID COST IN FIGURES:		
TOTAL BID AMOUNT IN WORDS:		

I hereby submit the foregoing bid; and that I understood the terms and conditions and the content.

NAME OF BIDDER/CONTRACTOR w/ SIGNATURE

 NAME OF CONSTRUCTION FIRM/ COMPANY:

 DATE:

DETAILED ESTIMATES

PART B: OTHER GENERAL REQUIREMENTS

ITEM NO.: B.5 PROJECT BILLBOARD / SIGNBOARD UNIT: EACH
 DESCRIPTION: QUANTITY: 1.00 AMOUNT

DESCRIPTION	QTY	HOURS	UNIT COST	AMOUNT
A. Equipment Rental: (To include Operators, Helpers, Fuel and Lubricants)				
a. Minor Tools			Equipment Total	
B. Labor				
a. Skilled Laborer			Skilled Sub Total	
b. Laborers			Unskilled Sub Total	
			Labor Total	
C. Materials				
a. Printed Billboard Tarpaulin	5.76	sq.m.		
b. 1/4"x1.2mX2.44m Ordinary Plywood	2	pcs.		
c. Good Lumber (Frames)	40	bd.ft.		
d. Assorted CWNs	1	kg.		
			Material Total	

D. DIRECT COST(A+B+C) DIRECT COST
 E. OCM DIRECT COST
 F. Contractor's Profit
 G. Tax 5% (DC+OCM+CP)
 H. INDIRECT COST (E+F+G)
 I. TOTAL ITEM COST(D+H)

Unit Cost/each

PART I.: OTHER GENERAL REQUIREMENTS

ITEM NO.: B.7 UNIT: LUMP SUM
 DESCRIPTION: OCCUPATIONAL SAFETY AND HEALTH QUANTITY: 1.00 AMOUNT

DESCRIPTION	QTY	DAYS	UNIT COST	AMOUNT
A. Equipment Rental: (To include Operators, Helpers, Fuel and Lubricants)				
a. None	-	-	Equipment Total	-
B. Labor				
a. Safety Practitioner/ Officer (Part Time)			Skilled Sub Total	-
b. None	-	-	Unskilled Sub Total	-
			Labor Total	
C. Materials				
a. Safety Helmet	6	man-days		
b. Safety Shoes	6	man-days		
c. Safety Gloves	6	man-days		
d. ReflectORIZED Vest	6	man-days		
e. Rain Coats	1	man-days		
f. Dust Mask	1	man-days		
g. Eye Goggles	1	man-days		
h. Ear Muff	1	man-days		
i. Body Harness and Lanyard	2	man-days		
j. Rubber Boots	4	man-days		
k. Safety First Signage (2' x 3')	1	set		
l. Warning Signs (2' x 3')	2	sets		
m. Caution Tape, 100ft	1	rolls		
n. Safety Net (1/8"x2.7m x 20m)or Equivalent	1	rolls		
			Material Total	

D. DIRECT COST(A+B+C) 0% DIRECT COST
 E. OCM DIRECT COST
 F. Contractor's Profit
 G. Tax 5% (DC+OCM+CP)
 H. INDIRECT COST (E+F+G)
 I. TOTAL ITEM COST(D+H)

Unit Cost/lump sum

Submitted by:

NAME OF BIDDER/CONTRACTOR w/ SIGNATURE

PART A: EARTHWORKS						
ITEM NO.:	801 (1)	DESCRIPTION	QTY.	DAYS	UNIT COST	UNIT: LUMPSUM QUANTITY: 1.00
REMOVAL OF STRUCTURES AND OBSTRUCTIONS (CHIPPING OF TILES AND DRILLING OF FLOOR FOR THE CONCRETE PEDESTAL, REMOVAL OF EXISTING FENCE)						
A.	Equipment Rental: (To include Operators, Helpers, Fuel & Lubricants)					
	a.	Jack Hammer				
	b.	Grinder				
	c.	Minor Tools				Equipment Total
B.	Labor:					
	a.	Leadman				
	b.	Semi-skilled Laborer				Skilled Sub-Total
	c.	Laborers				Unskilled Sub-Total
						Labor Total
C.	Materials:					
	a.	4" Dia. Metal Cutting Disc.	3.00	pcs		
	b.	Flat head Jack Hammer Chisel	1.00	pcs		
						Materials Total
D.	DIRECT COST (A+B+C)					
E.	OCM					
F.	Contractor's Profit					
G.	Tax					
H.	INDIRECT COST (E+F+G)					
I.	TOTAL ITEM COST (D+H)					
						Unit Cost/ lump sum

PART A: EARTHWORKS						
ITEM NO.:	803(1)a	DESCRIPTION	QTY	DAYS	UNIT COST	UNIT: CU.M. QUANTITY: 1.05
STRUCTURE EXCAVATION (COMMON SOIL)						
A.	Equipment Rental:(To include fuel, oil, lubricants, and equipment maintenance)					
	a.	Minor Tools (10% of Labor Cost)				Equipment Total
B.	Labor					
	a.	Construction Foreman				
	b.	Skilled Laborer				Skilled Sub-Total
	c.	Laborers				Unskilled Sub-Total
						Labor Total
C.	Materials					
	a.	None	-	-		-
						Material Total
D.	DIRECT COST(A+B+C)					
E.	OCM					
F.	Contractor's Profit					
G.	Tax					
H.	INDIRECT COST(E+F+G)					
I.	TOTAL ITEM COST(D+H)					
						Unit Cost/cu.m.

Submitted by:

NAME OF BIDDER/CONTRACTOR w/ SIGNATURE

PART A: EARTHWORKS

ITEM NO.:	804(1)a	UNIT:	C.U.M.
DESCRIPTION:	EMBANKMENT FROM THE EXCAVATION	QUANTITY:	1.05
DESCRIPTION	QTY	DAYS	UNIT COST
AMOUNT			
A.	Equipment Rental(To include fuel, oil, lubricants, and equipment maintenance)		
a.	Plate Compactor (5 PH)		
b.	Minor Tools (10% of Labor Cost)		Equipment Total
B.	Labor:		
a.	Leadman		
b.	Skilled Laborer		Skilled Sub-Total
c.	Laborers		Unskilled Sub-Total
			Labor Total
C.	Materials		
a.	None		-
			Material Total
D.	DIRECT COST(A+B+C)		
E.	OCM		DIRECT COST
F.	Contractor's Profit		DIRECT COST
G.	Tax		5% (DC+OCM+CP)
H.	INDIRECT COST(E+F+G)		
I.	TOTAL ITEM COST(D+H)		

Unit Cost/cu.m.

PART B: PLAIN AND REINFORCED CONCRETE WORK

ITEM NO.:	1111(1)	UNIT:	LUMP SUM
DESCRIPTION:	REINFORCED CONCRETE FOOTING AND COLUMN PEDESTAL	QUANTITY:	1.00
DESCRIPTION	QTY	DAYS	UNIT COST
AMOUNT			
A.	Equipment Rental(To include fuel, oil, lubricants, and equipment maintenance)		
a.	Minor Tools (10% of Labor Cost)		Equipment Total
B.	Labor:		
a.	Leadman		
b.	Skilled Laborers		Skilled Sub-Total
c.	Laborers		Unskilled Sub-Total
			Labor Total
C.	Materials		
a.	Portland Cement	7	bags
b.	Gravel	0.4	cu.m.
c.	Sand	0.8	cu.m.
d.	Gravel Bedding (for Footing Resting Base)	0.7	cu.m.
e.	16mm Dia. RSB Deformed (GRADE 33)	51	kgs.
f.	12mm Dia. RSB Deformed (GRADE 33)	19	kgs.
g.	10mm Dia. RSB Deformed (GRADE 33)	36	kgs.
h.	#16 Galvanized Iron Wire	2.11	kgs.
i.	Miscellaneous (5% of Material Cost)	1	lump sum
			Material Total
D.	DIRECT COST(A+B+C)		
E.	OCM		DIRECT COST
F.	Contractor's Profit		DIRECT COST
G.	Tax		5% (DC+OCM+CP)
H.	INDIRECT COST(E+F+G)		
I.	TOTAL ITEM COST(D+H)		
			Unit Cost/lump sum

Submitted by:

NAME OF BIDDER/CONTRACTOR w/ SIGNATURE

PART C: FINISHINGS AND OTHER CIVIL WORKS

ITEM NO.: 1032 UNIT: SQ.M. 63.90
 DESCRIPTION: PAINTING WORKS (MASONRY/CONCRETE, STEEL) QUANTITY:

DESCRIPTION	QTY.	DAYS	UNIT COST	AMOUNT
Equipment Rental: (To include Operators, Helpers, Fuel & Lubricants)				
A. Minor Tools			Equipment Total	
Labor:				
a. Leadman			Skilled Sub-Total	
b. Skilled Laborer			Unskilled Sub-Total	
c. Laborers			Labor Total	
Materials:				
CONCRETE PEDESTAL AND GRAZED EXISTING PAINTING (7.8 SQ.M.)				
a. Boysen masonry Neutralizer	1	liters		
b. Acrylic Concrete Primer	1	liters		
c. Boysen masonry Putty	1	liters		
d. Boysen Megacryl Latex - Semi-gloss	1	liters		
METAL POST, RAIL FENCE, ROOF METAL FRAME AND TRUSSES (56.1 SQ.M.)				
e. Oxide Metal Primer	1	gals.		
f. Boysen Quick Drying Enamel -(B691 Flat Black and gloss finish) - Roof Metal Frame and Trusses	2	liters		
g. Boysen Quick Drying Enamel -(B656 Jade green and gloss finish) Rail Fence and Steel Post	2	liters		
h. Consumables (Sand Paper, Rollers, Paint Brush, Tapes, etc.)	1	lump sum		
Materials Total				

D. DIRECT COST (A+B+C)
 E. OCM of Direct Cost
 F. Contractor's Profit of Direct Cost
 G. Tax 5.00% of (DC + OCM +CP)
 H. INDIRECT COST (E+F+G)
 I. TOTAL ITEM COST (D+H)
 Unit Cost/ sq.m.

Submitted by:

 NAME OF BIDDER/CONTRACTOR w/ SIGNATURE

PART C: FINISHINGS AND OTHER CIVIL WORKS

ITEM NO.:	1047	UNIT:	LUMP SUM	
DESCRIPTION:	METAL STRUCTURES (TRUSSES, PURLINS, BOLTS, CROSS BRACING, & STEEL PLATES)	QUANTITY:	1	
DESCRIPTION	QTY.	DAYS	UNIT COST	AMOUNT
Equipment Rental: (To include Operators, Helpers, Fuel & Lubricants)				
A.	Equipment Rental			
a.	Welding Machine			
b.	Bar Cutter			
c.	Drilling Machine			
d.	Minor Tools			
Equipment Total				
B.	Labor:			
a.	Leadman			
b.	Skilled Laborer			Skilled Sub-Total
c.	Laborers			Unskilled Sub-Total
Labor Total				
C.	Materials:			
a.	50mm x 50mm x 6mm Thk. x 6m Structural Angle Bar	183		kgs.
b.	I-Beam, Wide Flange 6m (F=102mm, W=153mm, tf=7.1mm, tw=5.8mm)	2		pcs.
c.	50mm X 50mm X 1.2mm Thk. Square Steel Tube- 6m	18		pcs.
d.	100mm x 50mm x 3mm THK. C-Channel Bar-6m	6		pcs.
e.	75mm x 50mm x 3mm THK. C-Channel Bar-6m	5		pcs.
f.	100mm Dia. Sch40, Galvanized Steel Pipe - 6m	1		pcs.
g.	Welding Rod	123		kgs.
h.	6mm Thk. Steel Gusset Plate	1		lumpsum
i.	0.2m x 0.2m x 10mm THK. Steel Base Plate (Roof Frame Base Plate)	5		pcs.
j.	0.28m x 0.28m x 16mm THK. Steel Base Plate (I-Beam Post Base Plate)	5		pcs.
k.	100mm x 100mm x 8mm thk. Angle Steel Plate	10		pcs.
l.	M12 X 35 mm Hex Bolt with Washer and Nut	15		pcs.
m.	16mmφ x 300mm Long Bent Anchor Bolts with Washer and Nut	20		pcs.
n.	Miscellaneous (cutting disks, etc.)	1		lumpsum
Materials Total				
D.	DIRECT COST (A+B+C)			
E.	OCM			of Direct Cost
F.	Contractor's Profit			of Direct Cost
G.	Tax			5.00% of (DC + OCM +CP)
H.	INDIRECT COST (E+F+G)			
I.	TOTAL ITEM COST (D+H)			Unit Cost/ lump sum

Submitted by:

NAME OF BIDDER/CONTRACTOR w/ SIGNATURE

PART C: FINISHINGS AND OTHER CIVIL WORKS

ITEM NO.:	1013	UNIT:	SQ.M.	
DESCRIPTION:	ROOFING WORKS (INSTALLATION OF POLYCARBONATED ROOF)	QUANTITY:	53	
DESCRIPTION	QTY.	DAYS	UNIT COST	AMOUNT
A. Equipment Rental: (To include Operators, Helpers, Fuel & Lubricants)				
a. Minor Tools			Equipment Total	
B. Labor:				
a. Leadman				
b. Skilled Laborer			Skilled Sub-Total	
c. Laborers			Unskilled Sub-Total	
			Labor Total	
C. Materials:				
a. 0.81m x 2.44m x 0.6mm THK. Rib-type Polycarbonate Roofing (Transparent)	29	pcs.		
b. TekscREW 12x65mm (Steel)	186	pcs.		
c. 310 ml. Silicon Sealant	5	pcs.		
d. Miscellaneous (1% of Materials)	1	lumpsum		
			Materials Total	
D. DIRECT COST (A+B+C)				
E. OCM			of Direct Cost	
F. Contractor's Profit			of Direct Cost	
G. Tax			5.00% of (DC + OCM +CP)	
H. INDIRECT COST (E+F+G)				
I. TOTAL ITEM COST (D+H)				

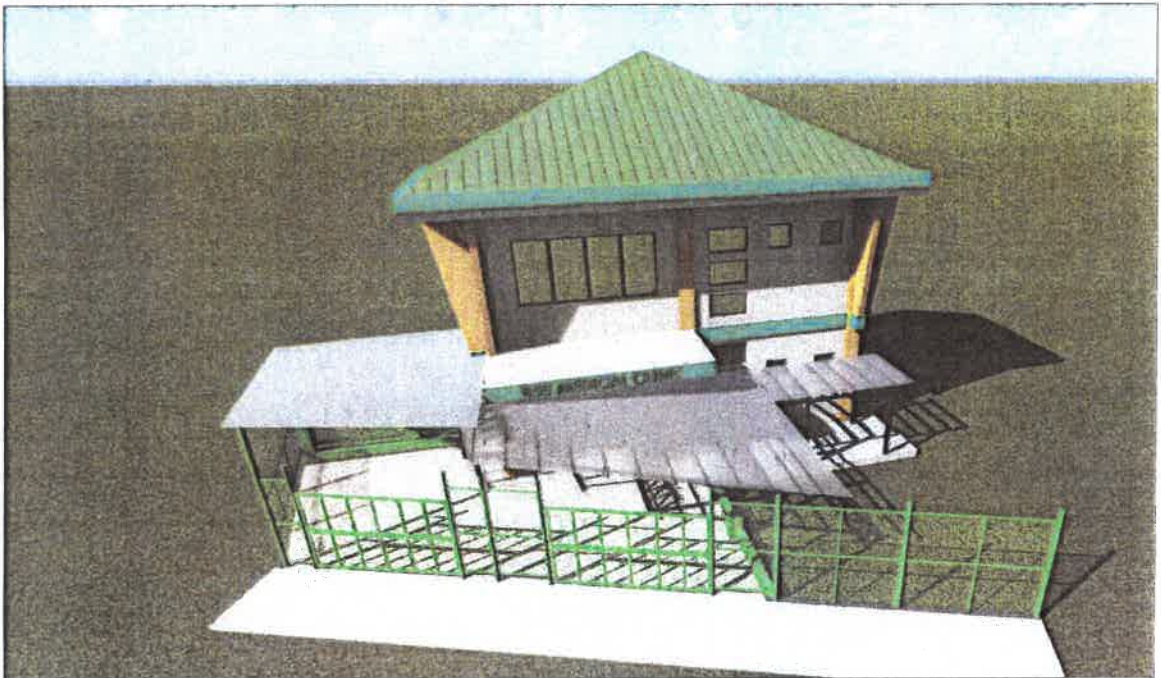
Unit Cost/ sq.m.

PART C: FINISHINGS AND OTHER CIVIL WORKS

ITEM NO.:	1722(1)d	UNIT:	SQ.M.	
DESCRIPTION:	FENCE (GALVANIZED)	QUANTITY:	11	
DESCRIPTION	QTY	DAYS	UNIT COST	AMOUNT
A. Equipment Rental:(To include fuel, oil, lubricants, and equipment maintenance)				
a. Welding Machine				
b. Minor Tools (10% of Labor Cost)			Equipment Total	
B. Labor:				
a. Leadman				
b. Skilled Laborers			Skilled Sub-Total	
c. Laborers			Unskilled Sub-Total	
			Labor Total	
C. Materials				
a. 50mm x 50mm Mesh Galvanized Steel Matting 3.5mm THK. (4ft x 8ft)	4	pcs.		
b. 50mm x 50mm x 1.2mm THK. Square Steel Tube	3	pcs.		
c. 25mm x 25mm x 1.2mm THK. Square Steel Tube	6	pcs.		
d. Welding Rod	15	kgs		
e. Miscellaneous (1% of Material Cost)	1	lump sum		
			Material Total	
D. DIRECT COST(A+B+C)				
E. OCM			DIRECT COST	
F. Contractor's Profit			DIRECT COST	
G. Tax			5% (DC+OCM+CP)	
H. INDIRECT COST(E+F+G)				
I. TOTAL ITEM COST(D+H)				
			Unit Cost/l.m.	

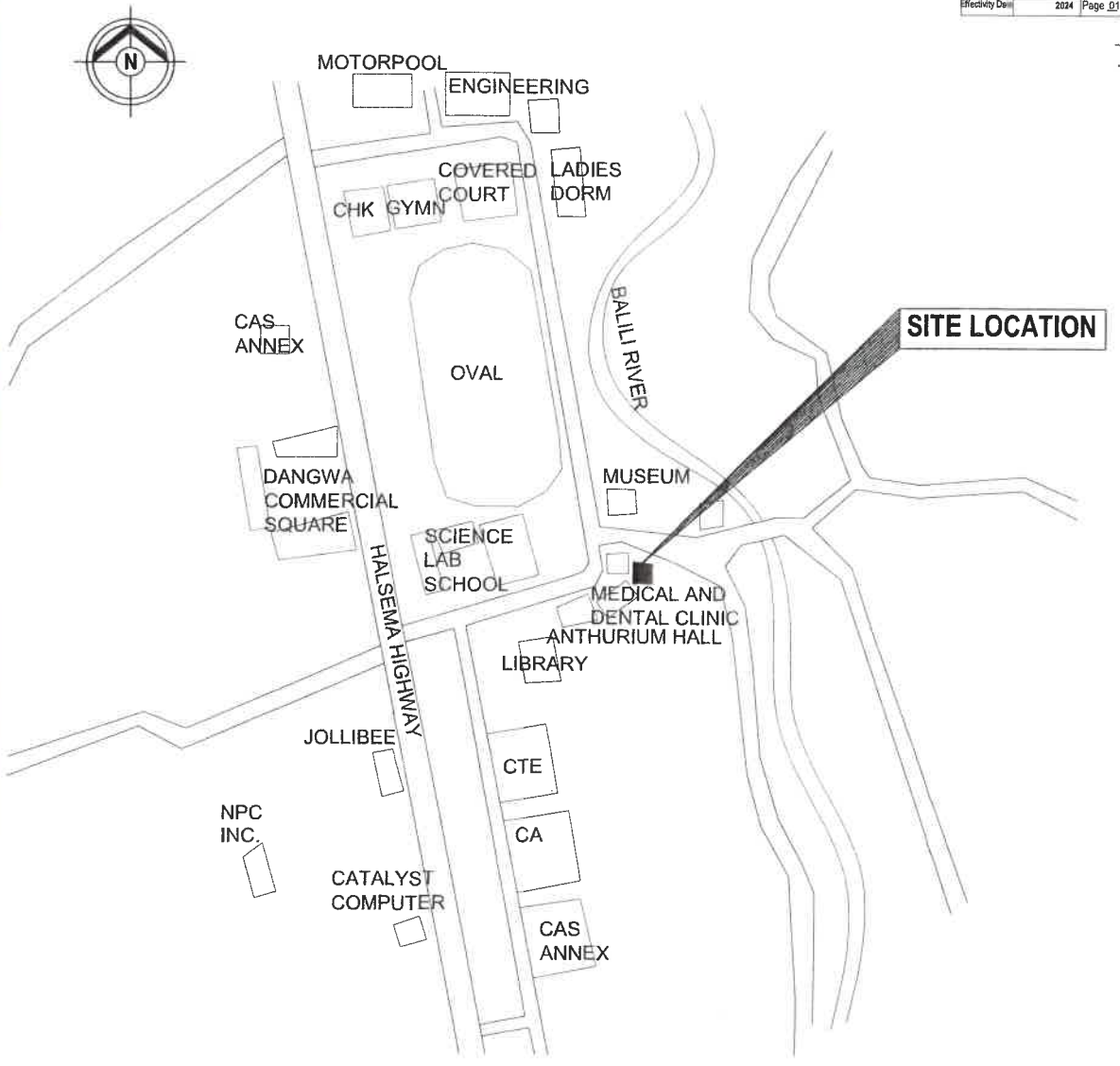
Submitted by:

NAME OF BIDDER/CONTRACTOR w/ SIGNATURE





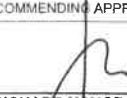
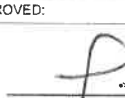

1
A 1

EXTERIOR PERSPECTIVE
SCALE NTS.



1
A 3

VICINITY MAP
SCALE NTS.

<p>ARCH. HAZELINE N. TIBANGAY, UAP PRC REG. NO. 028540 - NOV.18, 2024 PTR NO. _____ - LA TRINIDAD - ARCHITECT</p>	<p>ENGINEER</p>	<p>OWNER/ PROJECT TITLE/ LOCATION  "CONSTRUCTION OF STUDENT QUEUING SHED (UHS)" BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET</p>	<p>CONFORME:  FLORENCE V. POLTIC END-USERS</p>	<p>RECOMMENDING APPROVAL:  RICHARD HANGDAAN KINNUD VICE PRESIDENT FOR ADMINISTRATION AND FINANCE</p>	<p>APPROVED:  KENNETH ALIP LARUAN UNIVERSITY PRESIDENT</p>	<p>SHEET CONTENT: AS SHOWN</p>	<p>SHEET  A 01-07</p>
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EXISTING FENCE TO BE REPLACED

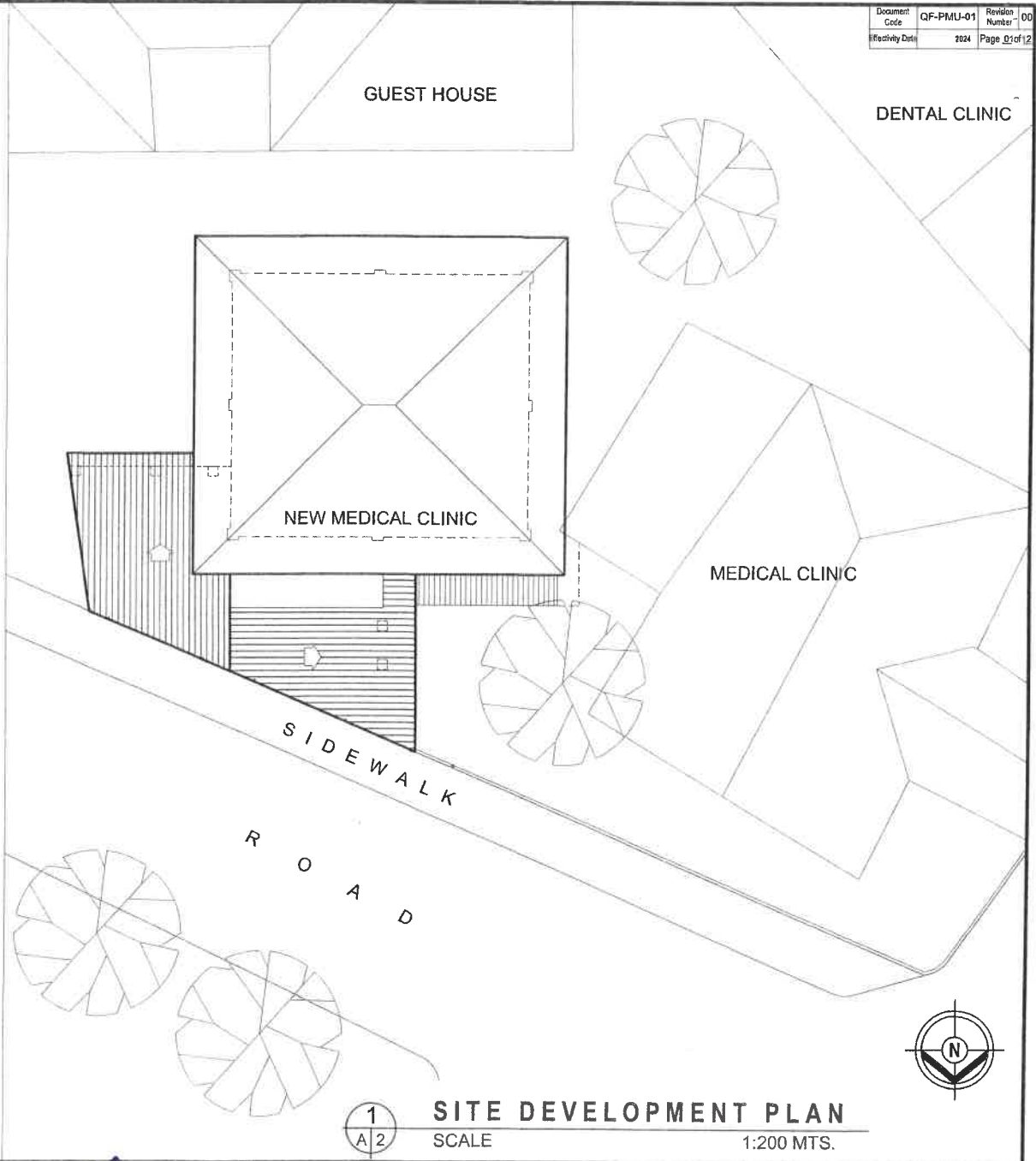
53 SQ.M. AREA TO BE COVERED



EXISTING FENCE TO BE REPLACED

53 SQ.M. AREA TO BE COVERED

EXISTING COLUMN TO BE RETAINED



1
A2

SITE DEVELOPMENT PLAN


SCALE


1:200 MTS.



ARCH. HAZELINE N. TIBANGAY, UAP
 PRC REG. NO. 128540 - NOV.18, 2024
 PTR NO. _____ - LA TRINIDAD _____
 ARCHITECT


ERGD 2024
 DRAFTED BY:
 ENGINEER

OWNER/ PROJECT TITLE/ LOCATION

"CONSTRUCTION OF STUDENT QUEUING SHED (UHS)"
 BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET


CONFORME:

FLORENCE V. POLTIC
 END-USERS

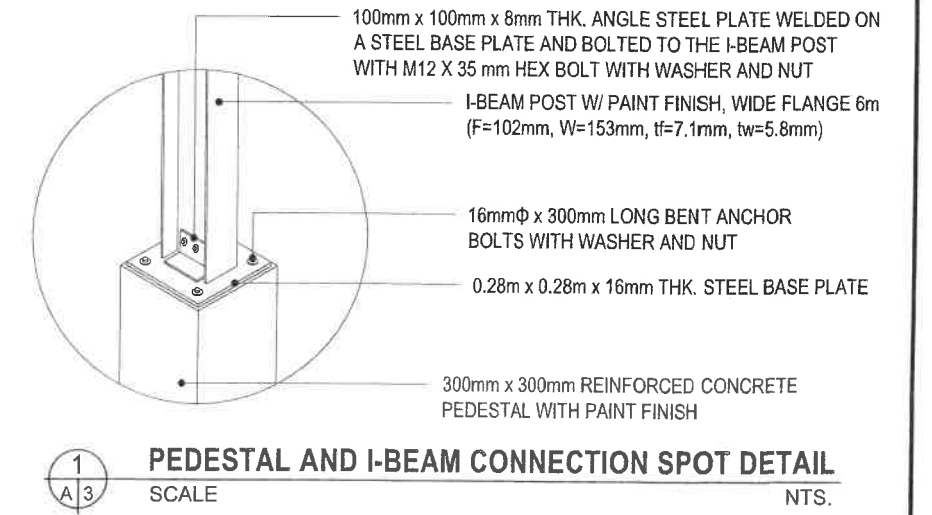
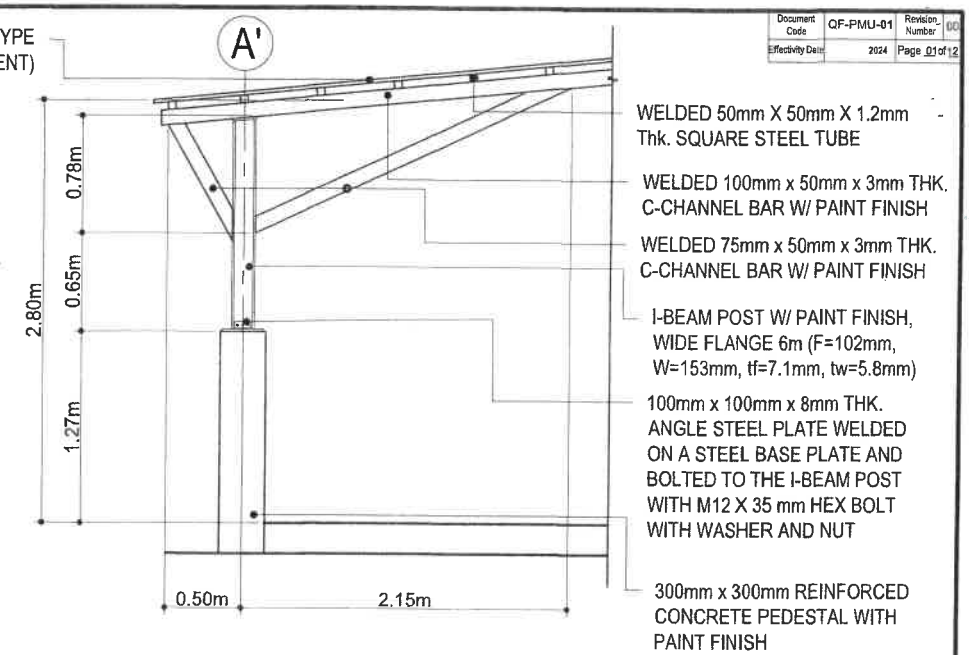
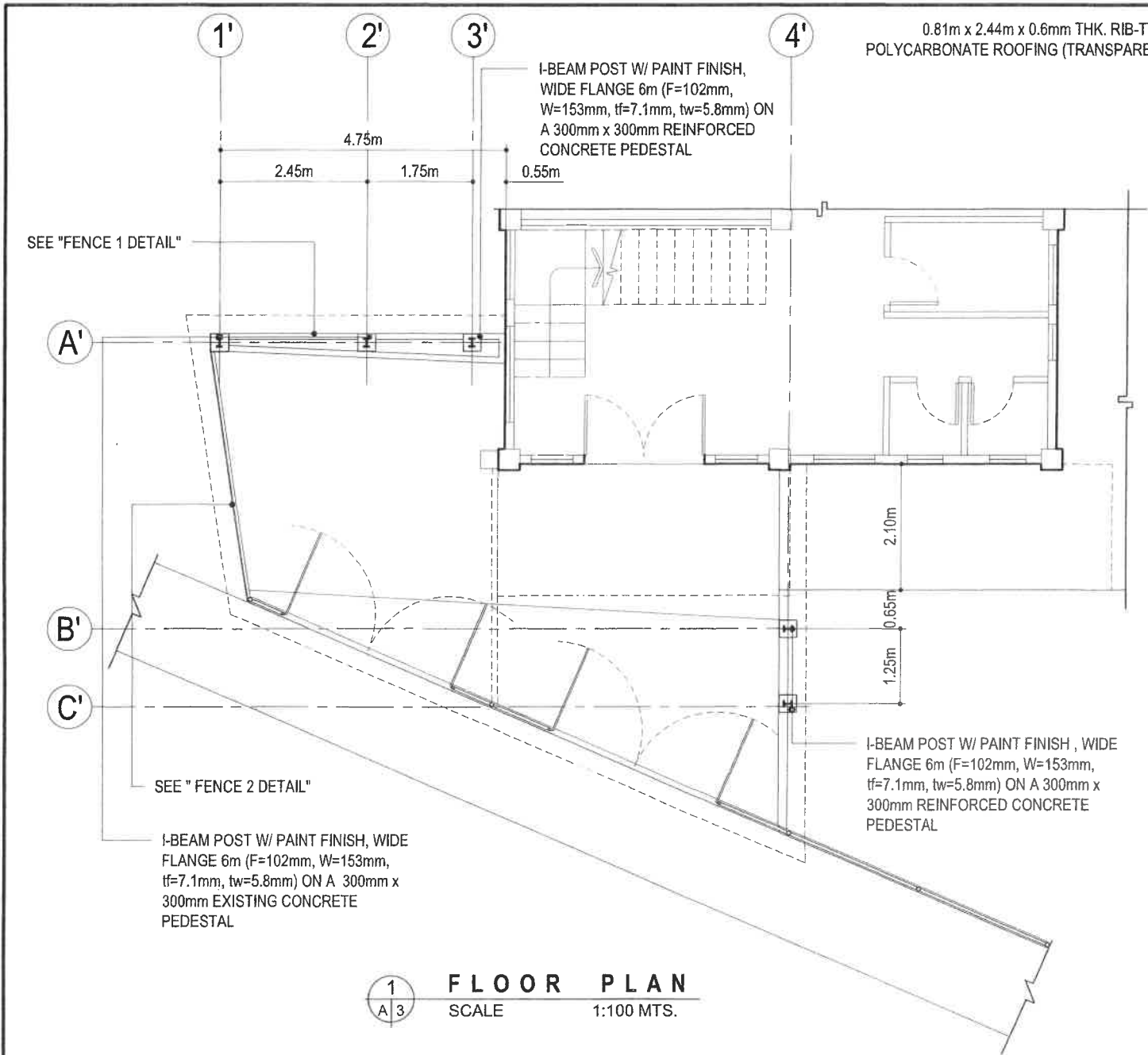
RECOMMENDING APPROVAL:

RICHARD HANGDAAN KINNUD
 VICE PRESIDENT FOR ADMINISTRATION AND FINANCE

APPROVED:

KENNETH ALIP LARUAN
 UNIVERSITY PRESIDENT

SHEET CONTENT:
 AS SHOWN

SHEET

A
 02-07



ARCH. HAZELINE V. TIBANGAY, UAP
PRC REG. NO. 02540 - NOV.16, 2024
PTR NO. _____ LA TRINIDAD _____
ARCHITECT

ENGINEER

OWNER/ PROJECT TITLE/ LOCATION
"CONSTRUCTION OF STUDENT QUEUING SHED (UHS)"
BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET

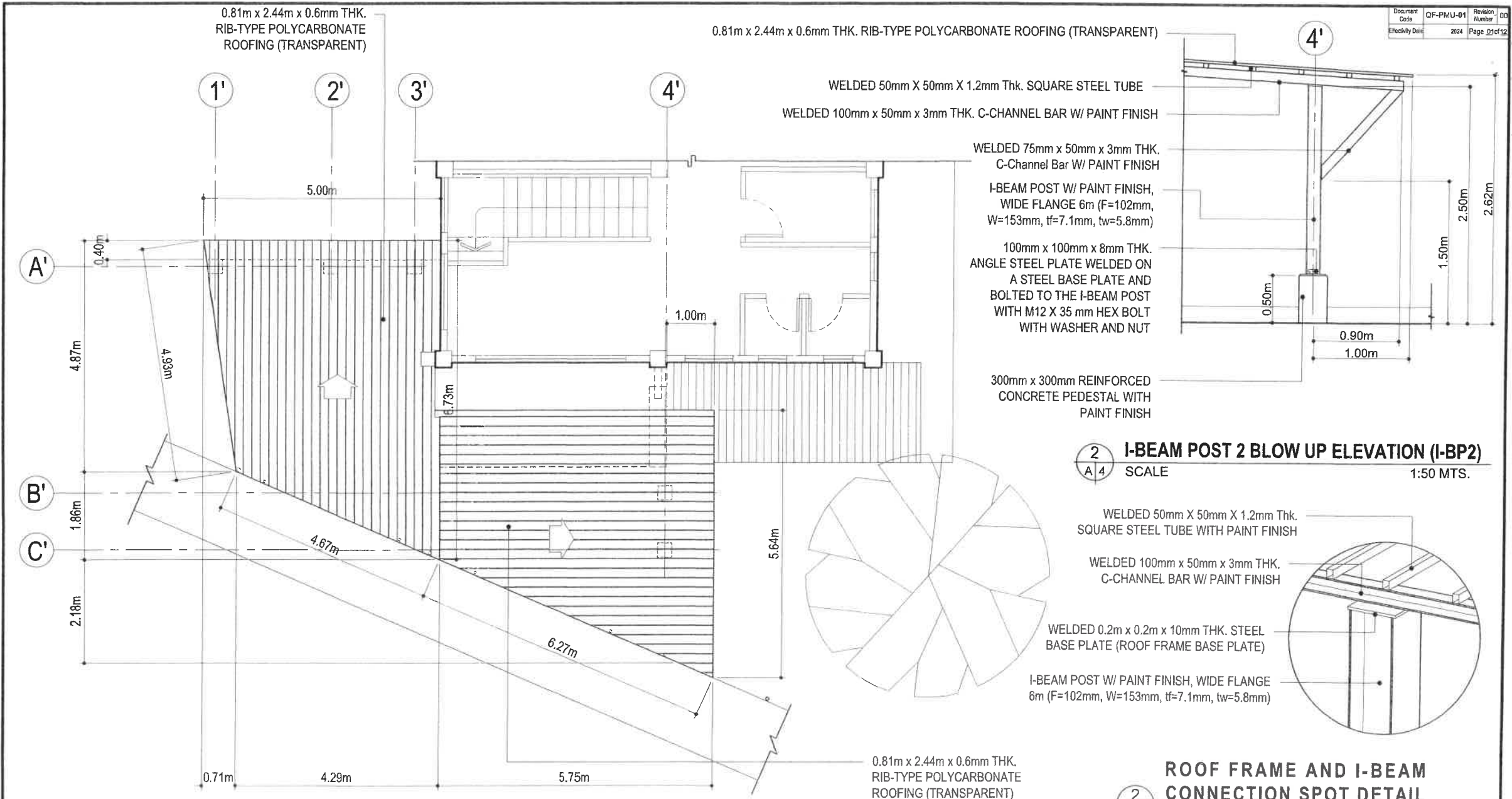
CONFORME:
FLORENCE V. POLTIC
END-USERS

RECOMMENDING APPROVAL:
RICHARD HANGDAAN KINNUD
VICE PRESIDENT FOR ADMINISTRATION AND FINANCE

APPROVED:
KENNETH ALIP LARUAN
UNIVERSITY PRESIDENT

SHEET CONTENT:
AS SHOWN

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03-07

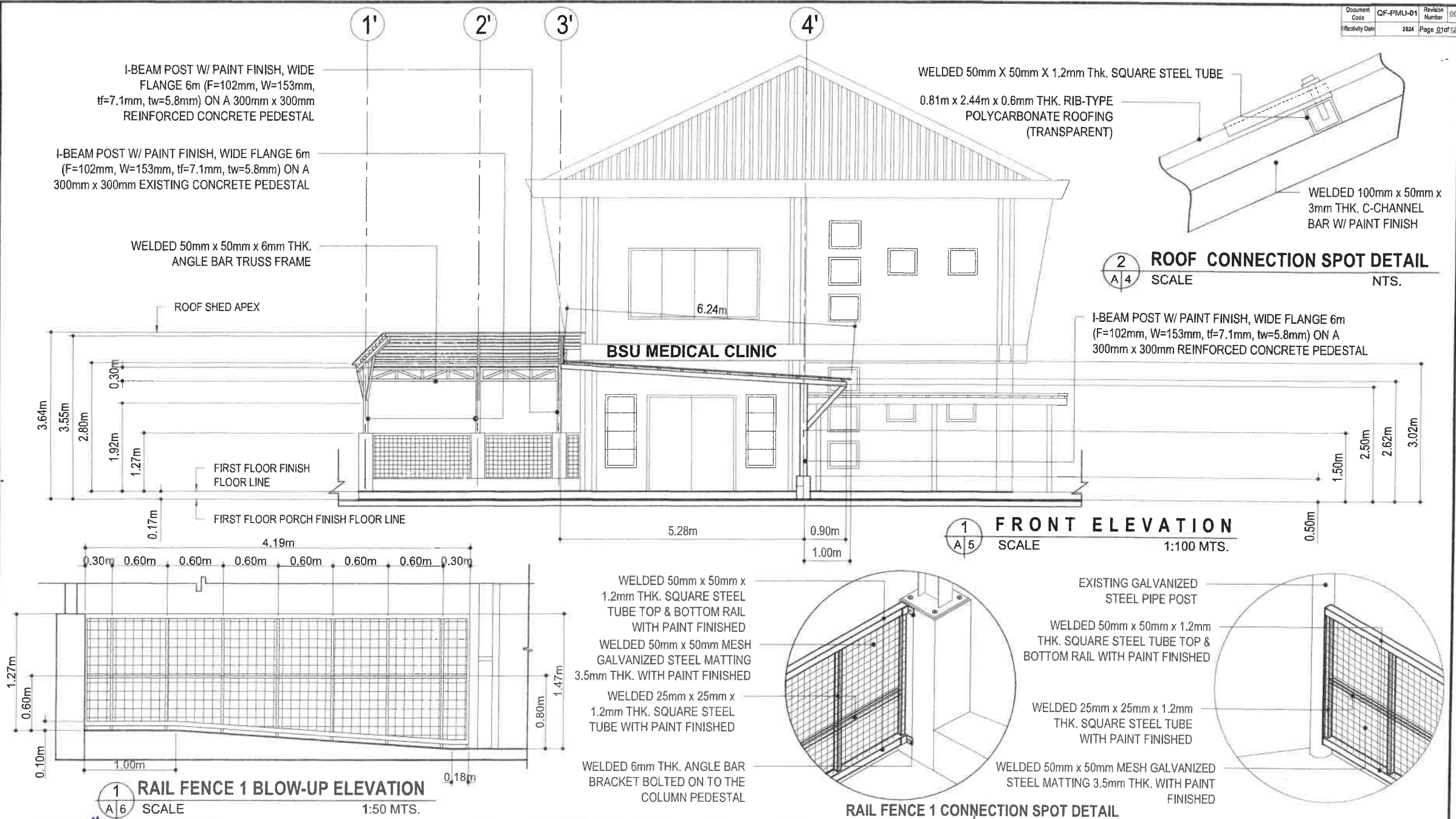


1
A 4
ROOF PLAN
SCALE 1:100 MTS.

2
A 4
I-BEAM POST 2 BLOW UP ELEVATION (I-BP2)
SCALE 1:50 MTS.

2
A 4
ROOF FRAME AND I-BEAM CONNECTION SPOT DETAIL
SCALE NTS.

 ARCH. HAZELINE N. TIBANGAY, UAP PRC REG. NO. 075540 - NOV.18, 2024 PTR NO. _____ - LA TRINIDAD _____ ARCHITECT	DRAFTED BY: ERGD 2024 "CONSTRUCTION OF STUDENT QUEUING SHED (UHS)" BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET ENGINEER	CONFORME: FLORENCE T. POLTIC END-USERS	RECOMMENDING APPROVAL: RICHARD HANGDAAN KINNUD VICE PRESIDENT FOR ADMINISTRATION AND FINANCE	APPROVED: KENNETH ALIP LARUAN UNIVERSITY PRESIDENT	SHEET CONTENT: AS SHOWN	SHEET
		ARCHITECT	ENGINEER	END-USERS	VICE PRESIDENT FOR ADMINISTRATION AND FINANCE	UNIVERSITY PRESIDENT



ARCH. HAZELINE N. TIBANGAY, UAP
 PRC REG. NO. 38540 - NOV.18, 2024
 PTR. NO. LA TRINIDAD

ARCHITECT

ERGD 2024

ENGINEER

OWNER/ PROJECT TITLE/ LOCATION

"CONSTRUCTION OF STUDENT QUEUING SHED (UHS)"
 BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET

CONFORME:

FLORENCE V. POLTIC
 END-USERS

RECOMMENDING APPROVAL:

RICHARD HANGDAAN KINNUD
 VICE PRESIDENT FOR ADMINISTRATION AND FINANCE

APPROVED:

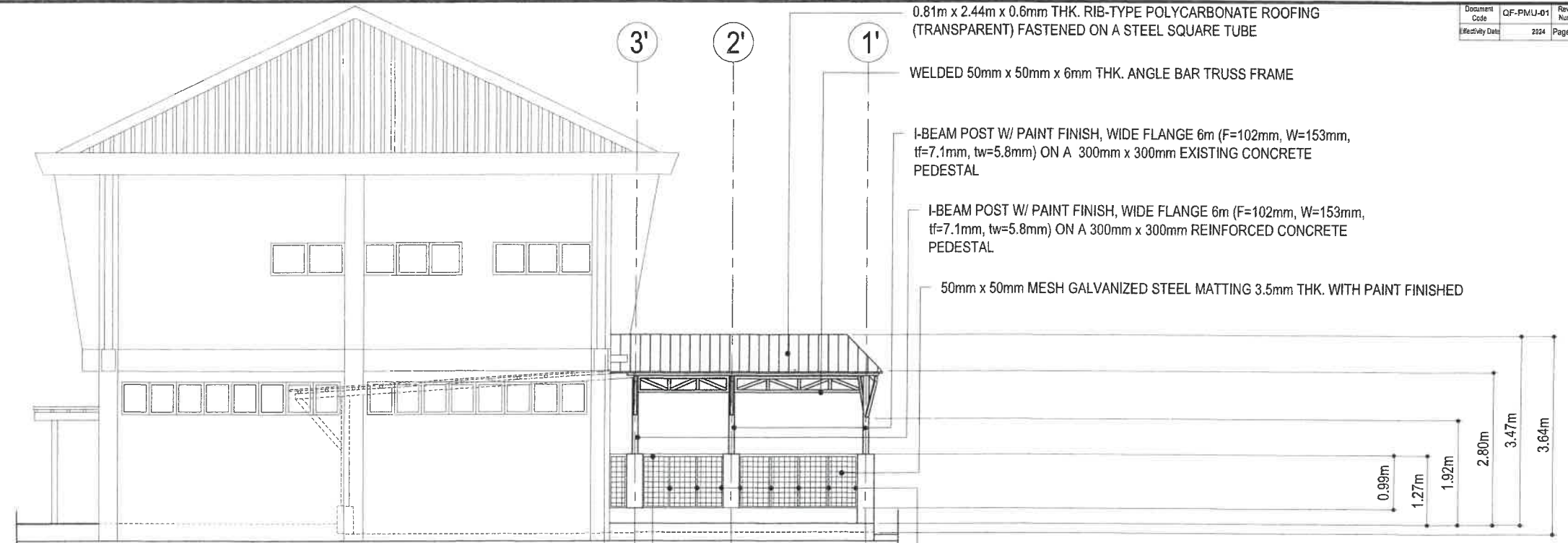
KENNETH ALIP LARUAN
 UNIVERSITY PRESIDENT

SHEET CONTENT:

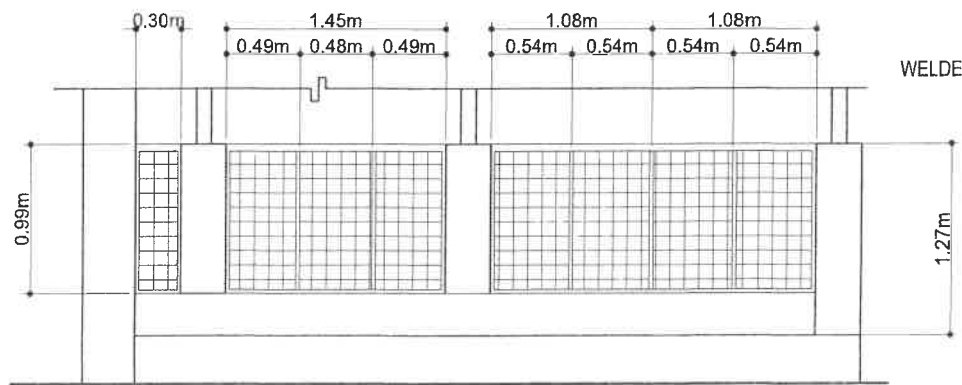
AS SHOWN

SHEET

A
05-07



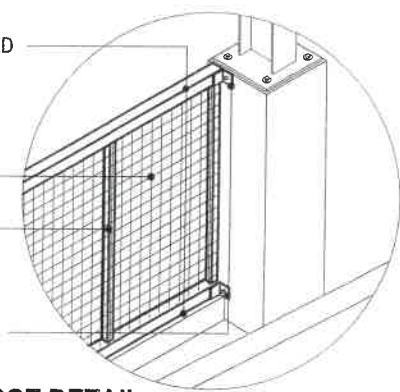
2 REAR ELEVATION
 SCALE 1:100 MTS.



1 RAIL FENCE 2 BLOW-UP ELEVATION
 SCALE 1:50 MTS.

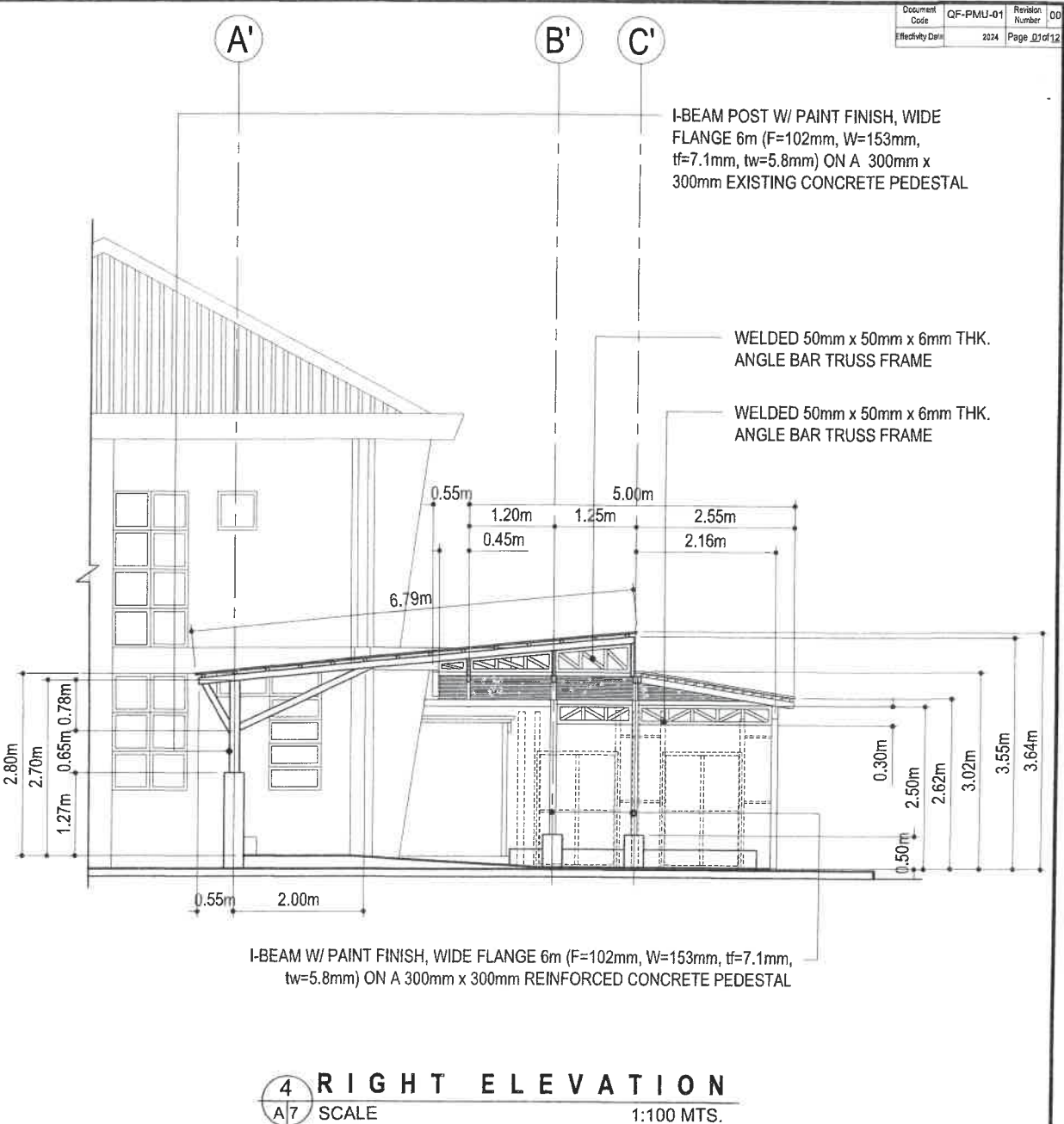
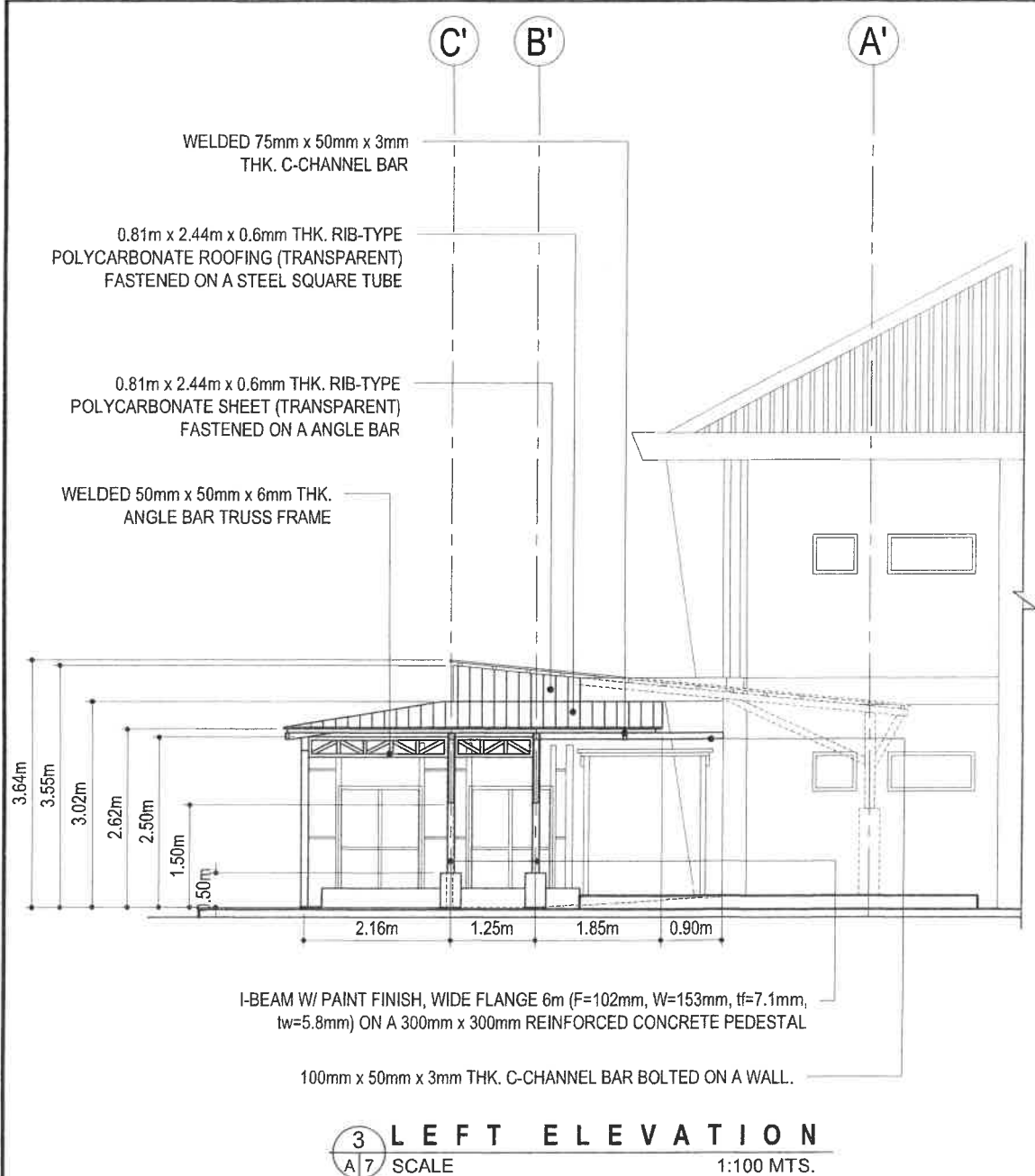
0.81m x 2.44m x 0.6mm THK. RIB-TYPE POLYCARBONATE ROOFING (TRANSPARENT) FASTENED ON A STEEL SQUARE TUBE
 WELDED 50mm x 50mm x 6mm THK. ANGLE BAR TRUSS FRAME
 I-BEAM POST W/ PAINT FINISH, WIDE FLANGE 6m (F=102mm, W=153mm, tf=7.1mm, tw=5.8mm) ON A 300mm x 300mm EXISTING CONCRETE PEDESTAL
 I-BEAM POST W/ PAINT FINISH, WIDE FLANGE 6m (F=102mm, W=153mm, tf=7.1mm, tw=5.8mm) ON A 300mm x 300mm REINFORCED CONCRETE PEDESTAL
 50mm x 50mm MESH GALVANIZED STEEL MATTING 3.5mm THK. WITH PAINT FINISHED
 25mm x 25mm x 1.2mm THK. SQUARE STEEL TUBE WITH PAINT FINISHED
 50mm x 50mm x 1.2mm THK. SQUARE STEEL TUBE TOP & BOTTOM RAIL WITH PAINT FINISHED

WELDED 50mm x 50mm x 1.2mm THK. SQUARE STEEL TUBE TOP & BOTTOM RAIL WITH PAINT FINISHED
 50mm x 50mm MESH GALVANIZED STEEL MATTING 3.5mm THK. WITH PAINT FINISHED
 WELDED 25mm x 25mm x 1.2mm THK. SQUARE STEEL TUBE WITH PAINT FINISHED
 WELDED 6mm THK. ANGLE BAR BRACKET BOLTED ON TO THE COLUMN PEDESTAL

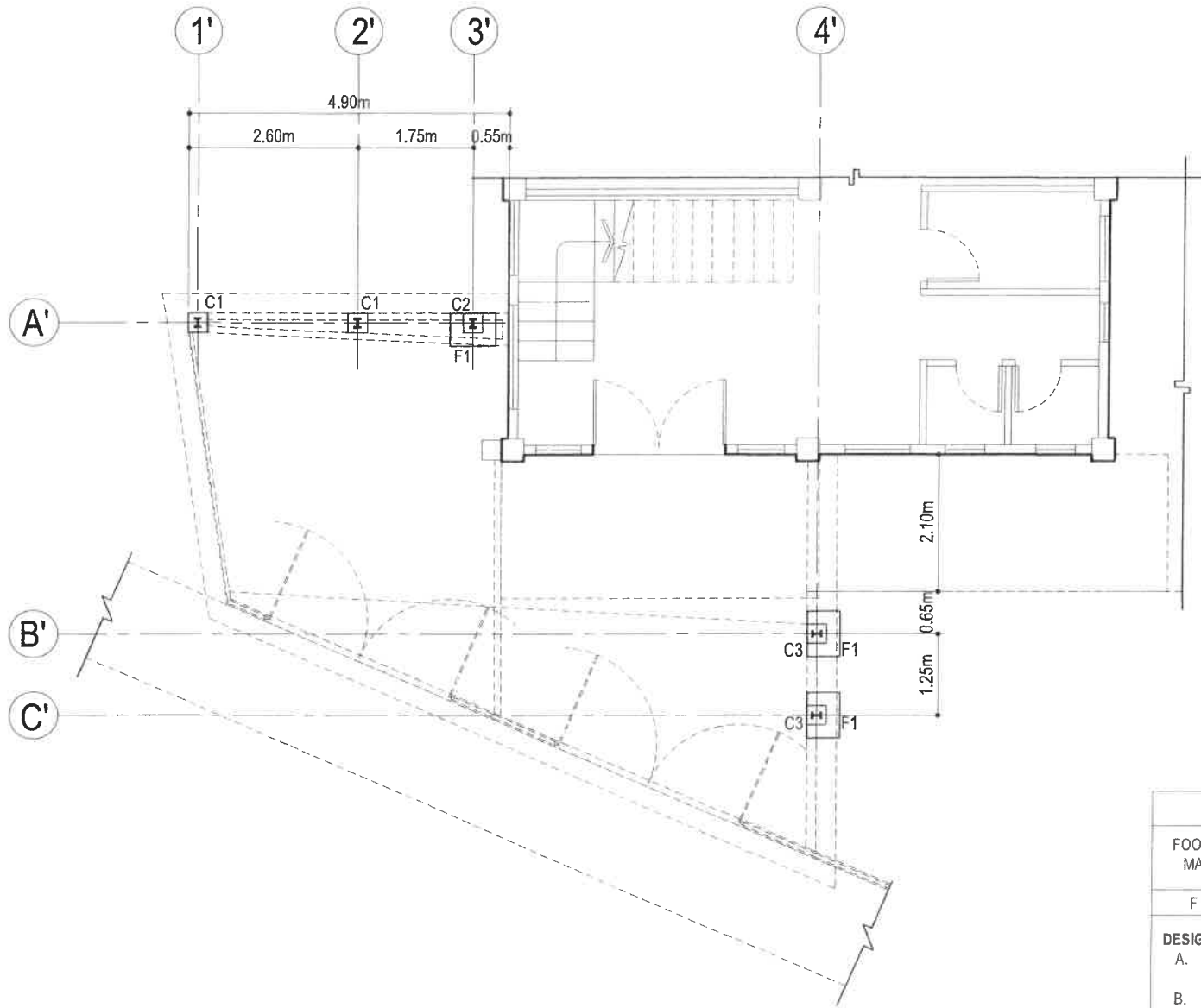


1 RAIL FENCE 2 CONNECTION SPOT DETAIL
 SCALE NTS.

 ARCH. HAZELINE N. TIBANGAY, UAP PRC REG. NO. 028540 - NOV. 18, 2024 PTR NO. - LA TRINIDAD - ARCHITECT	DRAFTED BY: ERGD 2024 ENGINEER	OWNER/ PROJECT TITLE/ LOCATION "CONSTRUCTION OF STUDENT QUEUING SHED (UHS)" BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET	CONFORME: FLORENCE V. POLTIC END-USERS	RECOMMENDING APPROVAL: RICHARD HANGDAAN KINNUD VICE PRESIDENT FOR ADMINISTRATION AND FINANCE	APPROVED: KENNETH ALIP LARUAN UNIVERSITY PRESIDENT	SHEET CONTENT: AS SHOWN	SHEET A 06-07
		ARCHITECT	ENGINEER	OWNER/ PROJECT TITLE/ LOCATION "CONSTRUCTION OF STUDENT QUEUING SHED (UHS)" BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET	CONFORME: FLORENCE V. POLTIC END-USERS	RECOMMENDING APPROVAL: RICHARD HANGDAAN KINNUD VICE PRESIDENT FOR ADMINISTRATION AND FINANCE	APPROVED: KENNETH ALIP LARUAN UNIVERSITY PRESIDENT

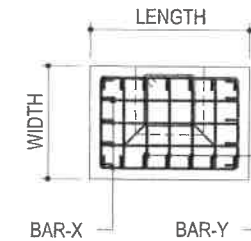


<p>ARCH. HAZELINE N. TIBANGAY, UAP PRC REG. NO. 128540 NOV. 16, 2024 PTR NO. - LA TRINIDAD</p> <p>ARCHITECT</p>	<p>ENGINEER</p>	<p>DRAFTED BY: ERGD 2024</p> <p>OWNER/ PROJECT TITLE/ LOCATION</p> <p>"CONSTRUCTION OF STUDENT QUEUING SHED (JHS)" BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET</p>	<p>CONFORME:</p> <p>FLORENCE V. POLTIC END-USERS</p>	<p>RECOMMENDING APPROVAL:</p> <p>RICHARD HANGDAAN KINNUD VICE PRESIDENT FOR ADMINISTRATION AND FINANCE</p>	<p>APPROVED:</p> <p>KENNETH ALIP LARUAN UNIVERSITY PRESIDENT</p>	<p>SHEET CONTENT:</p> <p>AS SHOWN</p>	<p>SHEET</p> <p>A 07-07</p>
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FOUNDATION AND FOOTING LAYOUT
SCALE 1:100 MTS.

C O L U M N S C H E D U L E				
COLUMN MARK	COLUMN DIMENSION	MAIN BAR	LATERAL TIES	REMARKS
C1	300mm x 300mm	-	-	EXISTING COLUMN
C2	300mm x 300mm	4 PCS- 16mm DIA.	10mm DIA. - 2 RSB SPACED @ 75mm; 5 RSB SPACED @ 100mm; REST SPACED @ 150mm TO TOP.	2.59m HEIGHT FROM FOOTING
C3	300mm x 300mm	4 PCS- 16mm DIA.	10mm DIA. - 2 RSB SPACED @ 75mm; 5 RSB SPACED @ 100mm; REST SPACED @ 150mm TO TOP.	1.6m HEIGHT FROM FOOTING



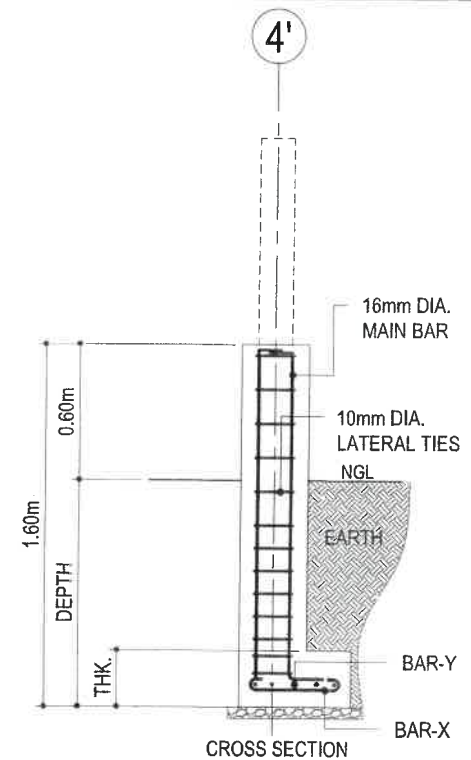
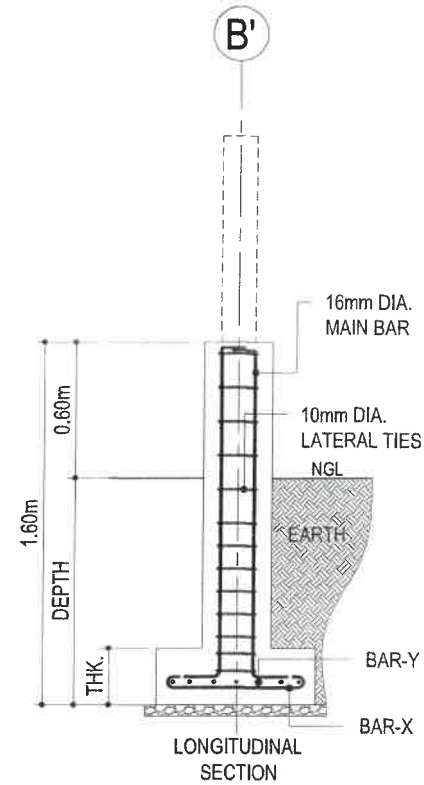
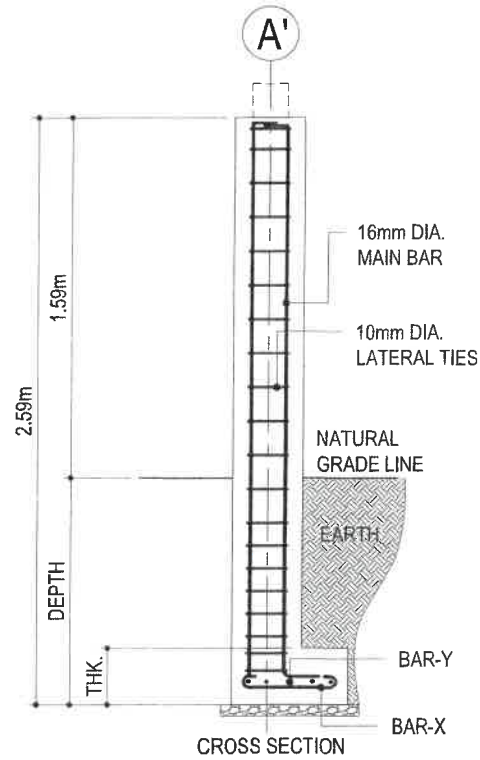
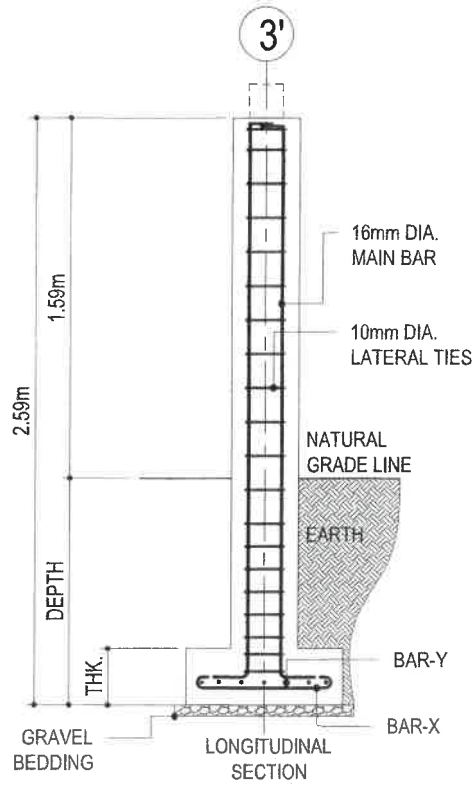
TYPICAL FOOTING PLAN
SCALE 1:50 MTS.

F O O T I N G S C H E D U L E						
FOOTING MARK	FOOTING DIMENSIONS, m				REINFORCEMENT	
	LENGTH(L)	WIDTH(W)	DEPTH(D)	THICKNESS(thk)	BAR - Y	BAR - X
F - 1	0.70m	0.50m	1.00m	0.25mm	12mm Ø @ 100mm O.C.	12mm Ø @ 100mm O.C.

DESIGN CRITERIA:
 A. CONCRETE:
 $f_c = 20.685 \text{ MPa}$ (3,000 PSI), MINIMUM COMPRESSIVE STRENGTH OF CONCRETE @ 28 DAYS UNLESS OTHERWISE SPECIFIED.
 B. REINFORCING STEEL BAR:
 $f_y = 275.8 \text{ MPa}$ (33,000 PSI), MINIMUM YIELD STRENGTH OF REINFORCING BARS UNLESS OTHERWISE SPECIFIED.
 C. FOUNDATION:
 SBC=120 KPA WAS USED IN THE DESIGN FOR ALL FOOTINGS.
 MINIMUM FOUNDING DEPTH = 1M FROM NORMAL GRADE

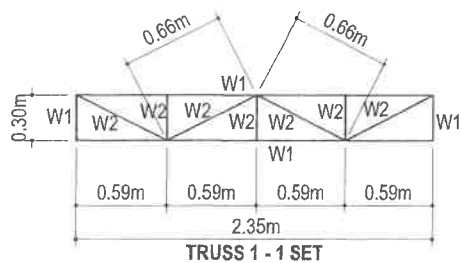
note: NO FOOTINGS SHALL REST ON FILL.

DRAFTED BY: ERGD 2024 SHERIFF JOHN C. LA MADRID ENGINEER	OWNER/ PROJECT TITLE/ LOCATION  "CONSTRUCTION OF STUDENT QUEUING SHED (UHS)" BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET	CONFORME:  FLORENCE V. POLTIC END-USERS	RECOMMENDING APPROVAL:  RICHARD HANGDAAN KINNUD VICE PRESIDENT FOR ADMINISTRATION AND FINANCE	APPROVED:  KENNETH ALIP LARUAN UNIVERSITY PRESIDENT	SHEET CONTENT: AS SHOWN	SHEET 
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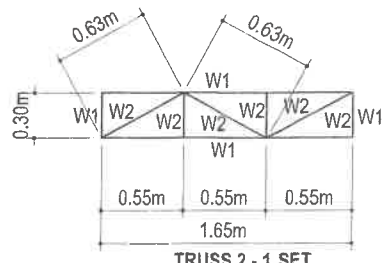


1
S/2 GRID LINE A'-3' FOOTING (F1), COLUMN (C2) BLOW UP DETAIL SCALE NTS.

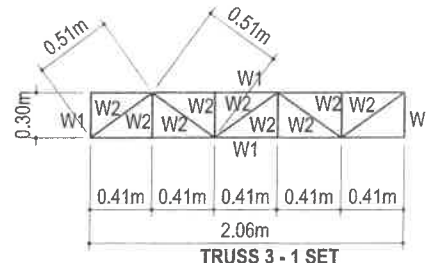
2
S/2 GRID LINE A' & B' - 4' FOOTING (F1), COLUMN (C3) BLOW UP DETAIL SCALE NTS.



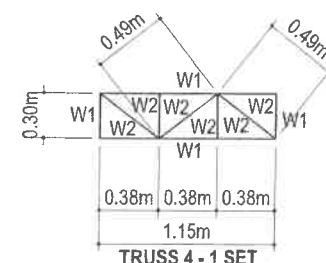
MARK	DESCRIPTION	SIZE
W1	TOP CHORD	1 - 50mm x 50mm x 6mm THK.
W1	BOTTOM CHORD	1 - 50mm x 50mm x 6mm THK.
W2	WEB MEMBERS	1 - 50mm x 50mm x 6mm THK.



MARK	DESCRIPTION	SIZE
W1	TOP CHORD	1 - 50mm x 50mm x 6mm THK.
W1	BOTTOM CHORD	1 - 50mm x 50mm x 6mm THK.
W2	WEB MEMBERS	1 - 50mm x 50mm x 6mm THK.




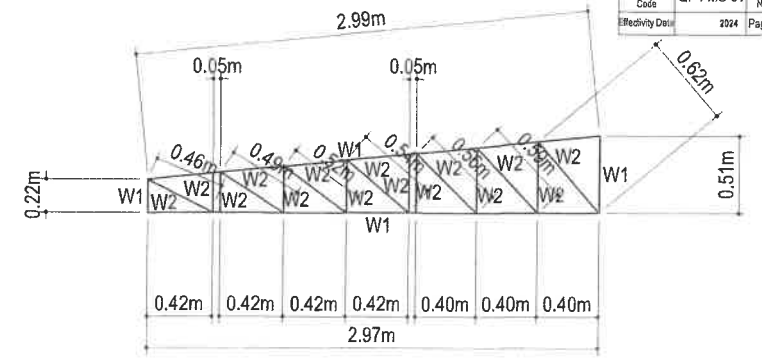
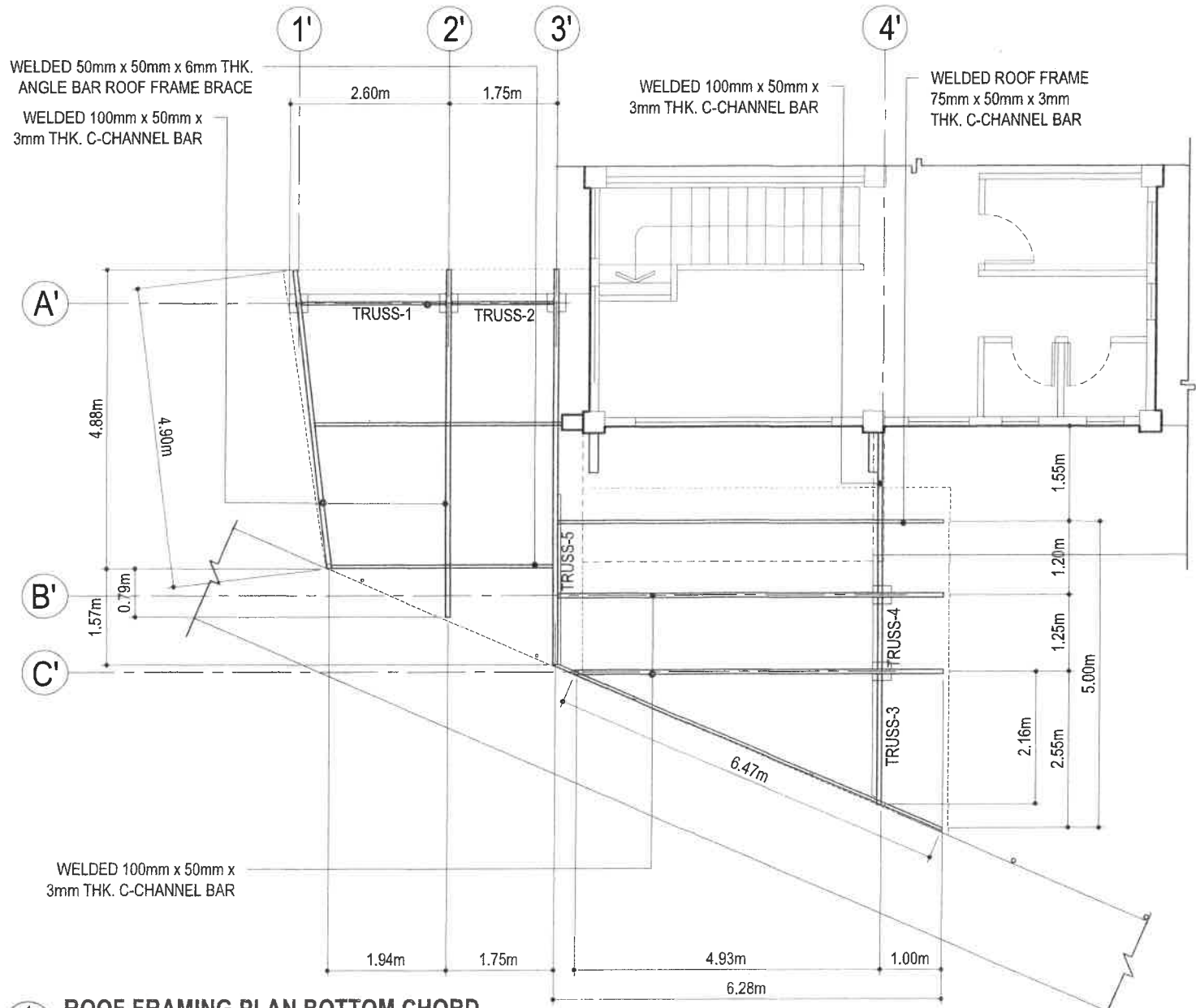
MARK	DESCRIPTION	SIZE
W1	TOP CHORD	1 - 50mm x 50mm x 6mm THK.
W1	BOTTOM CHORD	1 - 50mm x 50mm x 6mm THK.
W2	WEB MEMBERS	1 - 50mm x 50mm x 6mm THK.



MARK	DESCRIPTION	SIZE
W1	TOP CHORD	1 - 50mm x 50mm x 6mm THK.
W1	BOTTOM CHORD	1 - 50mm x 50mm x 6mm THK.
W2	WEB MEMBERS	1 - 50mm x 50mm x 6mm THK.

1
S/2 TRUSS SCHEDULE SCALE 1:50 MTS.

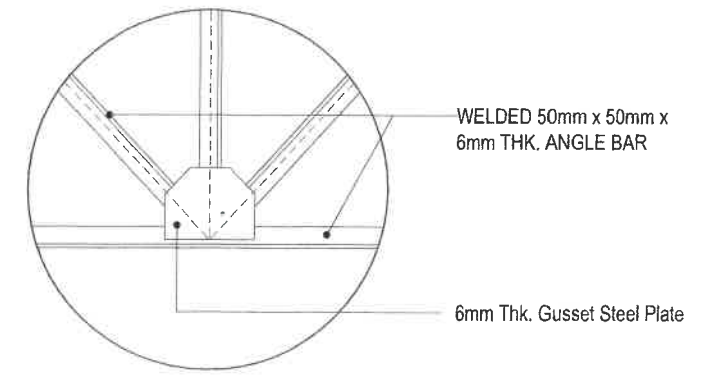
DRAFTED BY: ERGD 2024 SHERIFF JOHN C. LA MADRID ENGINEER	OWNER/ PROJECT TITLE/ LOCATION  "CONSTRUCTION OF STUDENT QUEUING SHED (UHS)" BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET	CONFORME:  FLORENCE V. POLTIC END-USERS	RECOMMENDING APPROVAL:  RICHARD HANGDAAN KINNUD VICE PRESIDENT FOR ADMINISTRATION AND FINANCE	APPROVED:  KENNETH ALIP LARUAN UNIVERSITY PRESIDENT	SHEET CONTENT: AS SHOWN	SHEET 
		SHERIFF JOHN C. LA MADRID ENGINEER				



SCHEDULE OF TRUSS- 5

MARK	DESCRIPTION	SIZE
W1	TOP CHORD	1 - 50mm x 50mm x 6mm THK.
W1	BOTTOM CHORD	1 - 50mm x 50mm x 6mm THK.
W2	WEB MEMBERS	1 - 50mm x 50mm x 6mm THK.

2 TRUSS SCHEDULE
 SCALE 1:50 MTS.

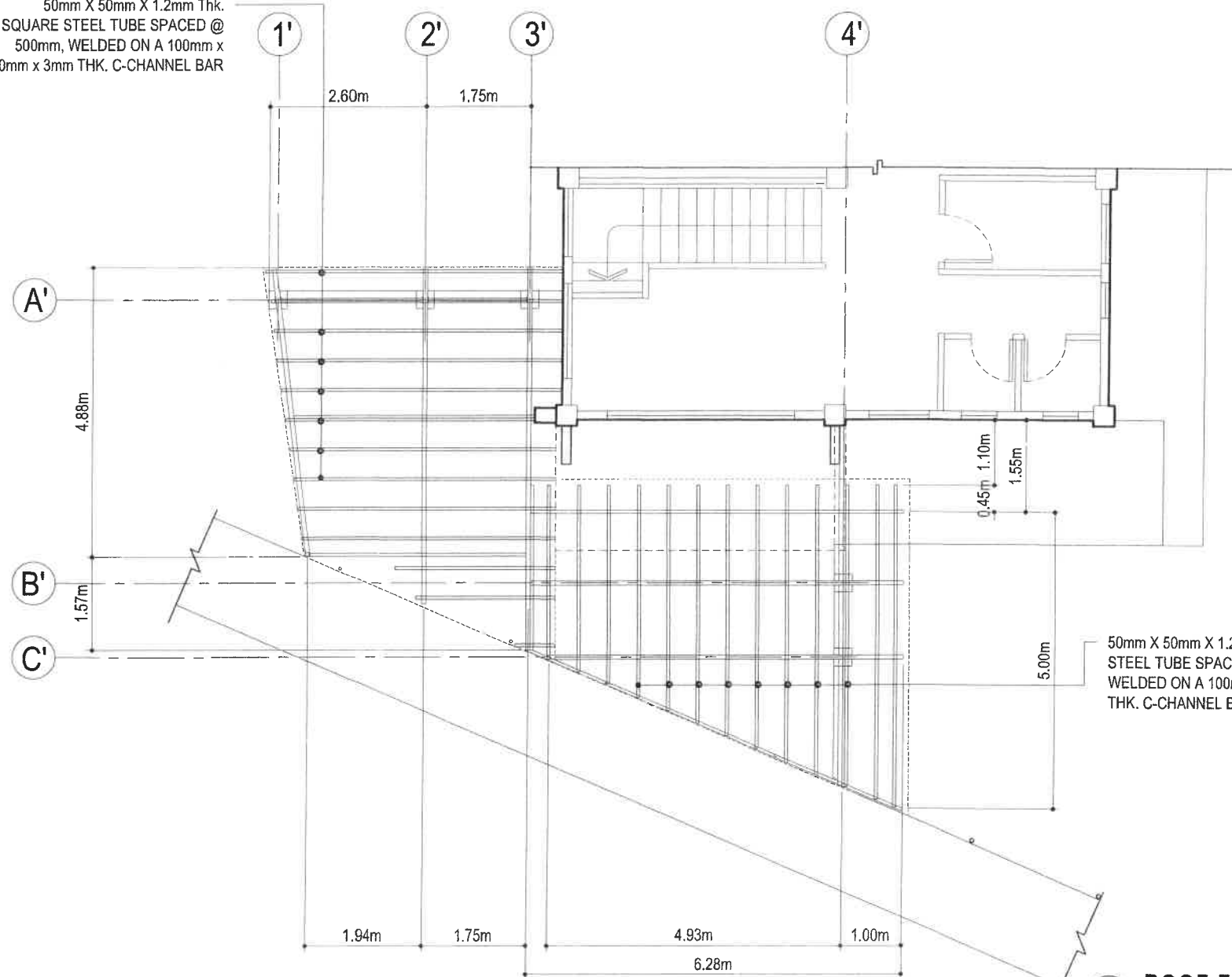


1 TRUSS CONNECTION SPOT DETAIL
 SCALE NTS.

1 ROOF FRAMING PLAN BOTTOM CHORD
 SCALE 1:100 MTS.





DRAFTED BY: ERGD 2024 SHERIFF JOHN C. LA MADRID ENGINEER	OWNER/ PROJECT TITLE/ LOCATION  "CONSTRUCTION OF STUDENT QUEUING SHED (UHS)" BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET	CONFORME:  FLORENCE V. POLTIC END-USERS	RECOMMENDING/ APPROVAL:  RICHARD HANGDAAN KINNUD VICE / RESIDENT FOR ADMINISTRATION AND FINANCE	APPROVED:  KENNETH ALIP LARUAN UNIVERSITY PRESIDENT	SHEET CONTENT: AS SHOWN	SHEET 

50mm X 50mm X 1.2mm Thk.
SQUARE STEEL TUBE SPACED @
500mm, WELDED ON A 100mm x
50mm x 3mm THK. C-CHANNEL BAR



50mm X 50mm X 1.2mm Thk. SQUARE
STEEL TUBE SPACED @ 500mm,
WELDED ON A 100mm x 50mm x 3mm
THK. C-CHANNEL BAR

1 ROOF FRAMING PLAN TOP CHORD
S 4 SCALE 1:100 MTS.

<p>SHERIFF JOHN C. LA MADRID</p> <p>ENGINEER</p>	<p>ERGCD 2024</p>  <p>OWNER/ PROJECT TITLE/ LOCATION</p> <p>"CONSTRUCTION OF STUDENT QUEUING SHED (UHS)" BSU COMPOUND, BALILI, LA TRINIDAD, BENGUET</p>	<p>CONFORME:</p> <p></p> <p>FLORENCE V. POLTIC</p> <p>END-USERS</p>	<p>RECOMMENDING APPROVAL:</p> <p></p> <p>RICHARD HANGDAAN KINNUD</p> <p>VICE PRESIDENT FOR ADMINISTRATION AND FINANCE</p>	<p>APPROVED:</p> <p></p> <p>KENNETH ALIP LARUAN</p> <p>UNIVERSITY PRESIDENT</p>	<p>SHEET CONTENT:</p> <p>AS SHOWN</p>	<p>SHEET</p> <p>S 04-04</p>