



Project: **Proposed Renovation and Improvement of Gate 3 (Rizal)**

Location: **SLSU-Sogod Campus, San Roque, Sogod, Southern Leyte**

BILL OF QUANTITIES

<i>(Columns (1), (2), (3), and (4) are to be filled up by the Procuring Entity)</i>				<i>(Columns (5) and (6) are to be filled up by the Bidder)</i>	
Pay Item No	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
B.9	Mobilization / Demobilization	1.00	Ls.	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
801(1)	Removal of Existing Structure	40.00	sq.m	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
804(7)	Gravel Fill	3.00	cu.m	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
900.00	Concrete Works	5.33	cu.m	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
902(1)	Reinforcing Steel	257.80	kgs	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
903(1)	Formworks and Falseworks	1.00	Ls.	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
Sub Total Page 1 of 4					Php

Submitted by:

Date: _____

Name and Signature of Bidder's Representative

Position

Name of Bidder



Project: **Proposed Renovation and Improvement of Gate 3 (Rizal)**
Location: **SLSU-Sogod Campus, San Roque, Sogod, Southern Leyte**

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Pay Item No	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
1003(1)a1	Ceiling, 4.5mm Metal Frame Fiber Cement Board	10.08	sq.m	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1014(1)	Pre-painted Metal Sheets (above 0.427mm Rib Type Long Span)	7.10	sq.m	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1032(1)a	Painting Works (Masonry/Concrete)	57.40	sq.m	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1032(1)c	Painting Works (Steel)	33.50	sq.m	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
				Sub Total Page 2 of 4	Php
				Total	Php

Submitted by:

Date: _____

Name and Signature of Bidder's Representative

Position

Name of Bidder



Project: **Proposed Renovation and Improvement of Gate 3 (Rizal)**

Location: **SLSU-Sogod Campus, San Roque, Sogod, Southern Leyte**

BILL OF QUANTITIES

<i>(Columns (1), (2), (3), and (4) are to be filled up by the Procuring Entity)</i>				<i>(Columns (5) and (6) are to be filled up by the Bidder)</i>	
Pay Item No	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
1035.00	Non-Structural Metal Framing	21.50	lm.	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1036.00	Polycarbonate Sheets/Panels	7.10	lm.	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1046(2)a1	CHB Non-Load Bearing (Including Reinforcing Steel) 100mm	6.48	sq.m	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1047(1)	Structural Steel	1.00	ls.	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1100(10)	Conduits, Boxes and Fittings (Conduit Works/Conduit Rough-in)	1.00	ls.	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
Sub Total Page 3 of 4					Php

Submitted by:

Date: _____

Name and Signature of Bidder's Representative

Position

Name of Bidder



Project: **Proposed Renovation and Improvement of Gate 3 (Rizal)**

Location: **SLSU-Sogod Campus, San Roque, Sogod, Southern Leyte**

BILL OF QUANTITIES

<i>(Columns (1), (2), (3), and (4) are to be filled up by the Procuring Entity)</i>				<i>(Columns (5) and (6) are to be filled up by the Bidder)</i>	
Pay Item No	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
1101(33)	Wires and Wiring Devices	1.00	ls.	In words: Pesos _____	In words: Pesos _____
				In figures: Php _____	In figures: Php _____
1103(1)	Lighting Fixtures and Lamps	1.00	ls.	In words: Pesos _____	In words: Pesos _____
				In figures: Php _____	In figures: Php _____
Sub Total Page 4 of 4					Php

Submitted by:

Date: _____

Name and Signature of Bidder's Representative

Position

Name of Bidder



SOUTHERN LEYTE STATE UNIVERSITY

Main Campus, San Roque, Sogod, Southern Leyte
Email: president@southernleyte.edu.ph
Website: www.southernleyte.edu.ph



Excellence | Service | Leadership and Good Governance | Innovation | Social Responsibility | Integrity | Professionalism | Spirituality

Project: Proposed Renovation and Improvement of Gate 3 (Rizal)

Location: SLSU-Sogod Campus, San Roque, Sogod, Southern Leyte

Owner: Southern Leyte State University

Project Duration: 30 C.D.

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
B.9	Mobilization / Demobilization	1.00	ls.		
	Mobilization/Demobilization	1	ls.		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
801(1)	Removal of Existing Structure	40.00	sq.m		
	Includes Removal of Existing Steel Gate, Concrete Curb and Gutter	1	ls.		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
804(7)	Gravel Fill	3.00	cu.m		
	Gravel 3/4"	3	cu.m		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
900	Concrete Works	5.33	cu.m		
	Portland Cement (Type 1)	49	bag/s		
	Washed Sand	3	cu.m		
	Gravel 3/4"	6	cu.m		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
902(1)	Reinforcing Steel	258	kgs		
	<i>Slab on Grade</i>				
	Reinforced Steel Bar 10mmØ (Grade 33)	40	pc/s		
	Tie Wire #16	9	kg/s		
	<i>Footing</i>				
	Reinforced Steel Bar 12mmØ (Grade 40)	4	pc/s		
	Tie Wire #16	1	kg/s		
	<i>Column</i>				
	Reinforced Steel Bar 10mmØ (Grade 33)	6	pc/s		
	Reinforced Steel Bar 12mmØ (Grade 40)	8	pc/s		
	Tie Wire #16	2	kg/s		
	<i>Beam</i>				
	Reinforced Steel Bar 10mmØ (Grade 33)	4	pc/s		
	Reinforced Steel Bar 12mmØ (Grade 40)	3	pc/s		
	Tie Wire #16	1	kg/s		
	Cutting Disc 4"	4	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
903(1)	Formworks and Falseworks	1.00	ls.		
	<i>Formworks</i>				
	Coco Lumber 2"x2"x10'	60	bd.ft		
	Plywood (1.20m x 2.40m x 12mm thk)	2	pc/s		
	Common Wire Nails 1"	1	kg/s		
	Common Wire Nails 2 1/2"	1	kg/s		
	Common Wire Nails 3"	1	kg/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1003(1)a1	Ceiling 4.5mm Metal Frame Fiber Cement Board	10.08	sq.m		
	Fiber Cement Board (1.20m x 2.40m x 4.50mm thk)	4	pc/s		
	Double Metal Furring (1"x2") 0.30mm x 19mm x 50mm x 5m	11	length/s		
	Carrying Channel (1" x 1-1/2") 0.80mm x 12mm x 38m x 5m	3	length/s		
	Full-Threaded Steel Hanger Rod 3/8"	8	length/s		
	Wall Angle (1"x1"x3m)	10	length/s		
	W-Clip Double Furring	80	pc/s		
	J-Clip	30	pc/s		
	Hardiflex Screw	216	pc/s		
	Blind Rivets 5/32" x 3/4"	200	pc/s		
	Concrete Nails 1"	1	kg/s		
	Drill Bit 3mm (for steel)	3	pc/s		
	Cutting Disc 4"	3	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1014(1)	Pre-painted Metal Sheets (above 0.427mm Rib Type Long Span)	7.10	sq.m		
	Pre-Painted Rib-Type Rib-Type Long Span Roofing Sheet 0.40mm x 1.22m x 3.658m (White)	5	sheet/s		
	Blind Rivets 5/32" x 3/4"	250	pc/s		
	Pre-Painted Metal Fascia 0.40mm thk x 2.5m (White)	3	length/s		
	Tex Screw 2 1/2" Full Thread	221	pc/s		
	Silicone Sealant Clear	3	tube/s		
	Caulking Gun	1	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1032(1)a	Painting Works (Masonry/Concrete)	57.40	sq.m		
	<i>Ceiling (Fiber Cement Board)</i>				
	Acrytex Cast	2	gal/s		
	Acrytex Primer	2	gal/s		
	Acrytex Reducer	1	gal/s		
	Flat Latex Paint, (White)	2	gal/s		
	Marine Epoxy Non-Sag (1/2 Pint)	3	set/s		
	Paint Brush 2"	2	pc/s		
	Paint Brush 4"	3	pc/s		
	Roller Brush 8"	3	pc/s		
	Paint Tray Roller 10"	3	pc/s		
	Sand Paper #120	5	pc/s		
	Sand Paper #100	5	pc/s		
	Sand Paper # 80	10	pc/s		
	Gypsum Tape 50mm	1	pc/s		
	<i>Concrete Wall</i>				
	Acrytex Cast	3	gal/s		
	Acrytex Primer	3	gal/s		
	Acrytex Reducer	1	gal/s		
	Acrylic Latex Paint, Matte (White)	2	gal/s		
	Paint Brush 2"	2	pc/s		
	Paint Brush 4"	2	pc/s		
	Roller Brush 8"	2	pc/s		
	Paint Tray Roller 10"	2	pc/s		
	Sand Paper #120	10	pc/s		
	Sand Paper #100	10	pc/s		
	Sand Paper # 80	10	pc/s		
	Blue Painter's Tape (2"x50m)	1	pc/s		
	Stainless Steel Wire Brush	1	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1032(1)c	Painting Works (Steel)	33.50	sq.m		
	Rust Off Gray Alkyd Metal Primer	4	gal/s		
	Body Filler Flexible White (1 Gal) with Hardener	1	set/s		
	Quick Drying Enamel (Black)	3	gal/s		
	Lacquer Thinner	1	gal/s		
	Paint Brush 2"	3	pc/s		
	Paint Brush 4"	4	pc/s		
	Roller Brush 8"	3	pc/s		
	Paint Tray Roller 10"	3	pc/s		
	Sand Paper #120	20	pc/s		
	Sand Paper #100	20	pc/s		
	Sand Paper # 80	20	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1035	Non-Structural Metal Framing	21.50	lm.		
	<i>Canopy Framing</i>				
	Tubular Steel 1" x 4" x 20'	3	length/s		
	Welding Rod (5 kgs)	1	box/s		
	Dyna bolt / Expansion Bolt 3/8"	20	pc/s		
	<i>Gate 1</i>				
	Heavy Duty Stainless Steel V Groove Sliding Gate Roller Wheel (3")	3	pc/s		
	Sliding Gate Top Guide, Galvanized Bracket with 2 Nylon Roller	3	pc/s		
	Square Bar 1/2" x 20'	8	length/s		
	Tubular Steel 2" x 4" x 20'	4	length/s		
	Tubular Steel 1" x 4" x 20'	8	length/s		
	Welding Rod (5 kgs)	2	box/s		
	Cutting Disc 4"	5	pc/s		
	<i>Gate 2</i>				
	Cylindrical Hinges Iron Tube Shaft Heavy Duty 5/8" dia.	3	pc/s		
	Square Bar 1/2" x 20'	1	length/s		
	Tubular Steel 2" x 2" x 20'	1	length/s		
	Tubular Steel 1" x 2" x 20'	1	length/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1036	Polycarbonate Sheets/Panels	7	lm.		
	Polycarbonate Solid Sheet (Charcoal) 4.5mm x 1220mm x 1000mm	6	sheet/s		
	Polycarbonate EPDM Foam Tape	2	Roll		
	Aluminum Connector with Rubber Analok/Bronze (2" x 20')	2	length/s		
	Silicone Sealant Clear	3	tube/s		
	Tex Screw 2 1/2" Full Thread	92	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1046(2)a1	CHB Non-Load Bearing (Including Reinforcing Steel) 100mm	6.48	sq.m		
	CHB 4"	43	pc/s		
	Reinforced Steel Bar 10mmØ (Grade 33)	13	pc/s		
	Tie Wire #16	1	kg/s		
	<i>Mortar</i>				
	Portland Cement (Type 1)	2	bag/s		
	Washed Sand	1	cu.m		
	<i>Plastering</i>				
	Portland Cement (Type 1)	2	bag/s		
	Washed Sand	1	cu.m		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
- Labor Cost
- Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1047(1)	Structural Steel	1.00	ls.		
	C-Purlins 2"x 3"x 20'x 1.2mm.	3	pc/s		
	Angle bar (Standard) 2"x 2"x1/4"x 20'	10	pc/s		
	Angle bar (Standard) 1½"x 1½"x1/4"x 20'	8	pc/s		
	Angle bar (Standard) 1"x 1"x1/4"x 20'	5	pc/s		
	Flat bar (Standard) 1"x1/4"x 20'	4	pc/s		
	Welding Rod (5 kgs)	2	box/s		
	Cutting Disc 4"	3	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
- Labor Cost
- Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1100(10)	Conduits, Boxes and Fittings (Conduit Works/Conduit Rough-in)	1.00	ls.		
	PVC Conduit Pipe, 1/2" dia.	6	length/s		
	Solvent Cement 400cc	1	can/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
- Labor Cost
- Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1101(33)	Wires and Wiring Devices	1.00	l.s.		
	2.0mm2, THHN/TW(G) Stranded Copper Wire	20	mtr/s		
	3.5mm2, THHN/THW Stranded Copper Wire	20	mtr/s		
	Wiring Devices				
	2-Gang Light Switch (Wide Series - White)	1	pc/s		
	Utility Box	2	pc/s		
	Junction Box Square with cover (6" x 6")	1	pc/s		
	Electrical tape (Big)	1	roll/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1103(1)	Lighting Fixtures and Lamps	1.00	l.s.		
	18 Watts LED (Surface Mounted) Ceiling Panel Downlight 6" dia. (Daylight)	1	pc/s		
	10 Watts 2' T5 Tube Light (Daylight)	2	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rental and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1103(1)



Project: PROPOSED RENOVATION AND IMPROVEMENT OF GATE 3 (RIZAL)
Location: SLSU SOGOD CAMPUS, SAN ROQUE, SOGOD, SOUTHERN LEYTE
Subject: SCOPE OF WORK/ MATERIAL SPECIFICATION/ WORKMANSHIP
ABC: Php. 260,000.00

The Contractor shall furnish labor, tools, equipment, PPE, and supervision to perform satisfactorily all the required works for the project. The work shall include but is not limited to mobilization, demobilization, masonry works, plastering and housekeeping.

A. MATERIAL SPECIFICATIONS

A.01 GENERAL REQUIREMENTS

Temporary Facility: Located at strategic site nearby the project
Protection Fences:
PPE: Hard Hat, Protection Glasses (Clear Glass during night works), Safety Shoes
As-Built Plans: 1 original + 3 copies

A.02 EARTHWORKS

Backfill Materials: Excavated materials can be used as backfill materials provided that is not more than 4" and sources must be subject to approval of Project's TWG.

A.03 REINFORCED CONCRETE WORKS

Cement: Portland, ASTM C150, 40 kg per bag
Washed Sand: Cleaned, screened properly graded, washed
Gravel: Clean, properly graded, crushed or round, minimum size = 3/4" Ø
Water: Clean and free from any amount of oil, acids, alkali, organic materials, and other substances deleterious to concrete mix.
Concrete Mix: $f_c' = 21 \text{ Mpa @ 28 days}$
Concrete Mix Ratio: Class A 1:2:4 by volume
Rebar: Deformed, minimum yield strength $f_y = 414 \text{ MPa grade 33}$
Tie Wire: G.I. Tire Wire Ga. #16

A.04 FORMWORKS AND SCAFFOLDING

Coco Lumber: allowed for use provided its normal strength has not deteriorated.
Assembly type: installed forms must be sturdy, stiff durable, and with true/correct alignment & elevation

A.05 MASONRY WORKS

CHB: 4" thk minimum strength = 2.5 Mpa (exterior)
Mortar Mix:
- By volume :
(a) CHB laying 1 cement = 3 sand
(b) Tool joint finishing 1 cement = 2 sand
Rebar: Deformed, minimum yield strength $f_y = 414 \text{ MPa grade 33}$
Water: Clean and free from any amount of oil, acids, alkali, organic materials, and other substances deleterious to concrete mix.

A.06 CEILING WORKS

Ceiling: - Use 4.5mm Fiber Cement Board
Framing (Ceiling): - Use 2" x 3" x 2mm thk. C-purlins spaced @ 0.60m from center
Ceiling-Framing (Extension): - Use 2" x 4" Tubular Steel

A.07 ROOFING WORKS

Guard House: - Use Pre-painted (Gray) 0.50mm Rib Type Roofing Sheet
Extension (Ramp): - Use 1.5mm thk. Solid Gray Polycarbonate Sheet

A.08 DOORS AND WINDOWS

Flush Doors: - Must be **Timber framed covered with plywood or MDF on both sides of door and hollow portion of the door filled with cardboards/hardwood.**
Door Knob (Flush Doors): - Use Aluminum Stainless Lever type doorknob
Jalousie Windows: - Use 1/4" thk. Tinted Glass (Gray)
Jalousie Windows (Frame): - Use 1 3/4" x 4" Analok Aluminum Frame (Black)
Awning Glass Windows: - Use 1/4" thk. Tinted Glass (Gray)
Awning Glass Windows (Frame): - Use 1 3/4" x 4" Analok Aluminum Frame (Black)

A.09 TILE WORKS

Installation: - Must be seamless
Floor Threshold: - Use 20mm x 90cm Self Adhesive Silver Aluminum Al

A.09 PAINTING WORKS

Ceiling (Ficem Board): - **Primer Coat:** Use Flat Latex Primer. Apply 1 coat. **45 minutes** drying time per coat.
Top Coat: Flat Latex Paint (White). Apply 2 coats. **1 hour** drying time per coat.
Application: Use Roller Brush 8" and 4" Paint Brush for the corners.
Concrete Walls: - **Primer Coat:** Use Flat Latex Primer. Apply 1 coat. **45 minutes** drying time per coat.
Top Coat: Use White, Matte Finish. Apply 2 coats. **1 hour** drying time per coat.
Application: Use Roller Brush 8" and 4" Paint Brush for the corners.

- Concrete Accent Walls (Exterior): - **Primer Coat:** Use Mineral Based Primer. Apply 2 coats. **2 hours** drying time per coat.
Top Coat: Limewash Paint (Gray). Apply 2 coats. **2 hours** drying time per coat.
Top Coat Sealer: Limewash Sealer Clear (Matte). Apply 2 coats. **2 hours** drying time per coat.
Application: Use Roller Brush 8" for coat sealer and 4" Limewash Brush for top coat.
- Wood Surface: - Use Sand Paper #80, #100 and #400 to polish.
- Flush Doors: - **Primer Coat:** Use Water Based Acrylic Primer. Apply 1 coat. **45 minutes** drying time per coat.
Top Coat: Use Water Based Acrylic Top Coat (Gray). Apply 2 coats. **1 hour** drying time per coat.
Application: Use Roller Brush 8" and 4" Paint Brush for the corners.

A.10 ELECTRICAL WORKS:

- Switches: - Use Wide Series Switches - White
- Convenience Outlets: - Use Wide Series Convenience Outlets (White)
- Materials: - Comply with Philippine Electrical Code
- SOLECO Standards: - Black (hot lines); colored wire (ground)

B. WORKMANSHIP

- B.01 Site Clearing** - All surface objects other protruding obstructions not designated to remain shall be cleared and removed.
 - The contractor shall be responsible for providing the necessary licenses, approvals and permits in the clearing stage.
- B.02 Excavation** - Properly sloped to provide safe working condition. Drain or pump-out water from excavation before proceeding to any activity. Excavated materials can be temporarily stocked within vicinity but must be kept tidy/safe and must not obstruct normal movement within the area. All excavation must be manually backfilled to the satisfaction of Project's TWG.
- B.03 Backfilling** - Use excavated materials as backfill material. Use manual tamping at every 0.30 meter thickness or backfill. Discard excavated material with diameter greater than 4". Dispose excess material within 20m radius as pinpointed by Project's TWG. Work area must be properly shaped to the satisfaction of Project's TWG after project completion.
- B.04 Concrete Works** - Rebars must be properly cleaned, spaced, and fastened. Use concrete spacer to maintain required concrete cover. Manual mixing may be allowed subject to approval of the Project's TWG. Dirty aggregates will be discarded and will only be allowed to be use after proper cleaning to the satisfaction of Project's TWG. All concrete works must be covered by pouring permit approved by Project's TWG.
- B.05 Plastering Works** - Minimum thickness is 1/2". Mortar mix must be put in place within 2 hours after water has been added. Follow the mixture specified in A.6 above. All plaster must be cement finish. Finish plaster must be water cured for at least three (3) days.
- B.06 Formworks** - Coco lumber will be allowed for use provided its normal strength has not deteriorated. Installed forms must be sturdy, stiff durable, and with true/correct alignment & elevation; all to the satisfaction of Project's TWG. Deteriorated and/or misaligned forms will be dismantled and replace without cost to Project.
- B.07 Housekeeping** - Cleanliness and orderliness within the worksite is a must to enhance overall safety for the whole project.
- B.08 Others** - Contractor's workers must always abide by Project's and School's safety and security rules and regulations. Violating workers will not be allowed to work and will be blacklisted. Details of these rules and regulations will be discussed during the kick-off meeting. List of workers and equipment must be submitted (w/ serial number) during the kick-off meeting.

Prepared by:

KEVIN P. OLIVERON
 Project Development Officer I

RYAN A. MACUTO
 Project Development Officer III

JEAMES PAUL V. EVANGELISTA
 Project Development Officer II



GUARD HOUSE - GATE 3
PERSPECTIVE "A"



GUARD HOUSE - GATE 3
PERSPECTIVE "B"



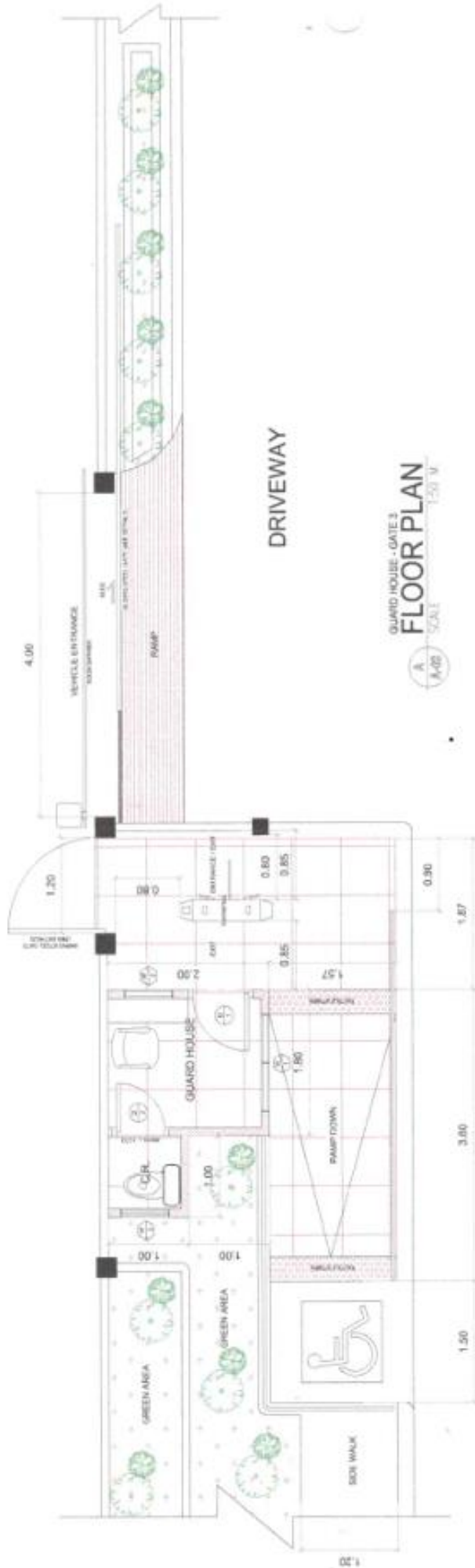
DESIGNED BY:
AR. SAMUEL P. ANGELLISTA, IAP
PROJECT ARCHITECT
DESIGNED BY:
ENGR. IVAN A. MACOTO, GREENS KOPAM
PROJECT RESOURCE OFFICER II

PROJECT:
PROPOSED RENOVATION AND
IMPROVEMENT OF GATE 3 (RIZAL)
LOCATION: BUNAGOD CAMPUS, SAN ROQUE, MARCOS EASTERN LYTE

CLIENT:
SOUTHERN LEYTE STATE UNIVERSITY
ADDRESS: BUNAGOD CAMPUS, SAN ROQUE, MARCOS EASTERN LYTE

APPROVALS:
JUDGE A. DUARTE, DPA
UNIVERSITY RECTOR

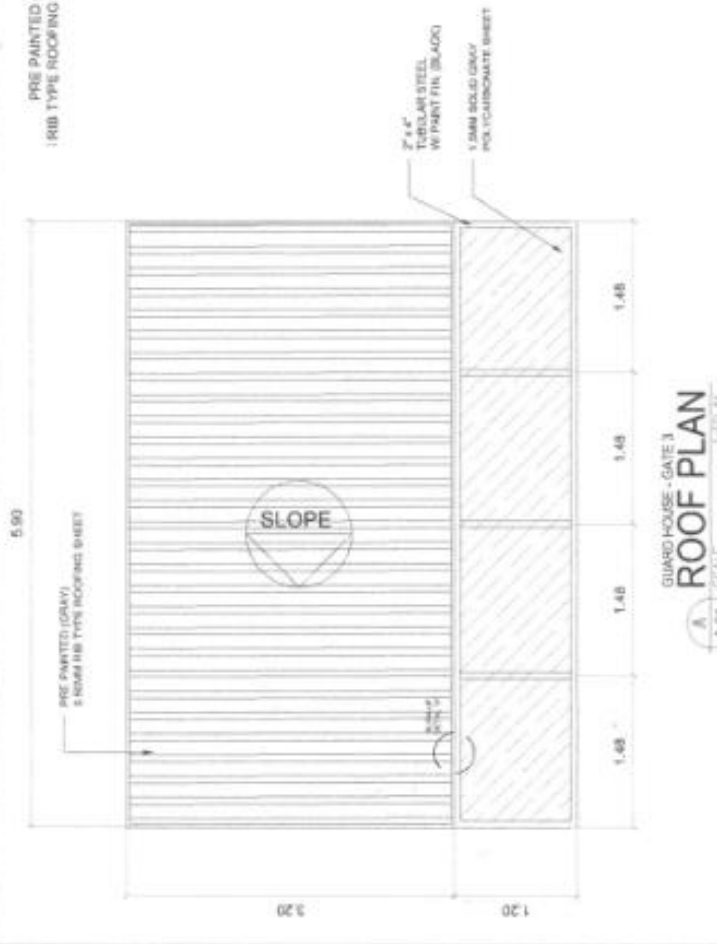
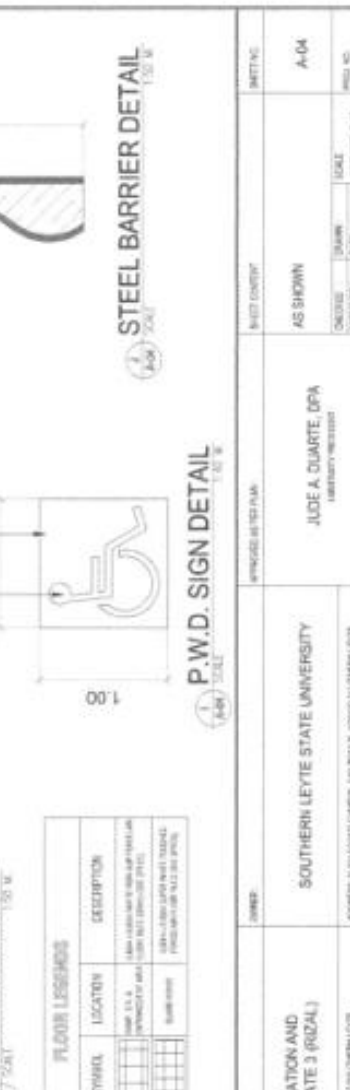
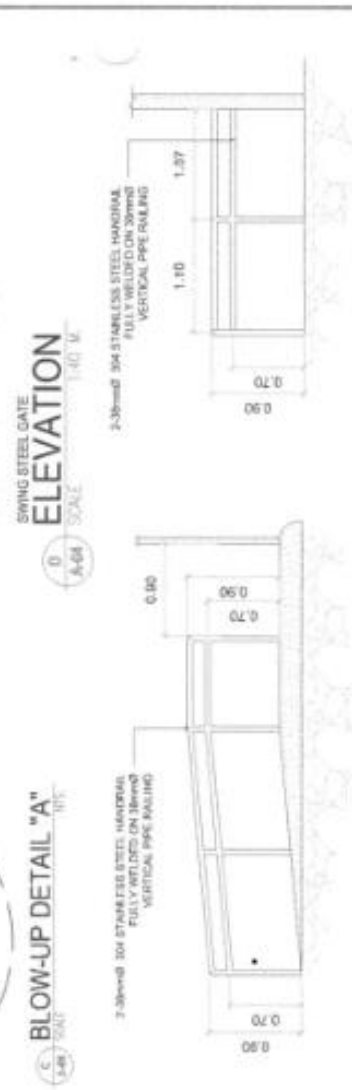
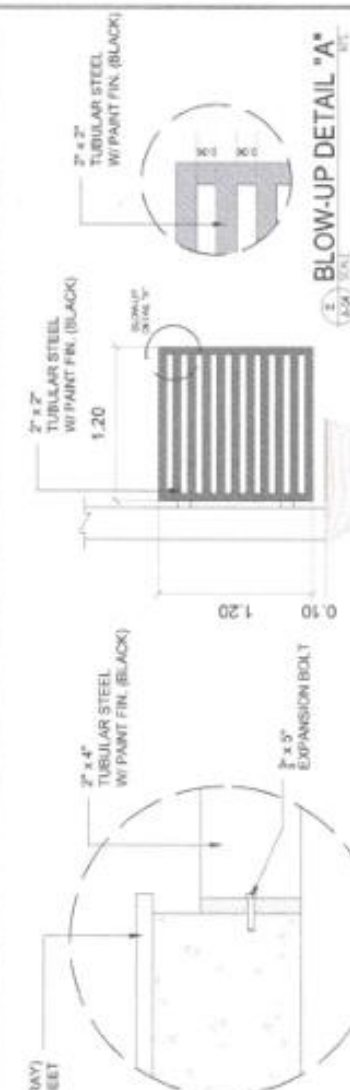
SHEET CONTENT:
AS SHOWN
DATE: _____
SCALE: AS SHOWN
PAGE NO.: 4-01



GUARD HOUSE - GATE 3
FRONT ELEVATION
SCALE 1/32\"/>

 SOUTHERN LEYTE STATE UNIVERSITY OFFICE OF THE CHANCELLOR SOUTHERN LEYTE CAMPUS SARAY-AYAN, SOUTHERN LEYTE	PREPARED BY: AR. JAMES P. ANGELISTA, LUP REGISTERED ARCHITECT PROJECT DEVELOPMENT OF GATE 3	PROJECT: PROPOSED RENOVATION AND IMPROVEMENT OF GATE 3 (RIZAL)	OWNER: SOUTHERN LEYTE STATE UNIVERSITY	APPROVED AFTER PLAN: JUDE A. DUARTE, DPA REGISTERED PROFESSIONAL ARCHITECT	SHEET STATUS: AS SHOWN	SHEET NO. A-02
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 SOUTHERN LEYTE STATE UNIVERSITY OFFICE OF THE CHANCELLOR 1000 J. P. ROXAS BLVD., TAGBILARAN CITY, SOUTHERN LEYTE TEL. (0932) 411-1111, 411-1112, 411-1113, 411-1114, 411-1115, 411-1116, 411-1117, 411-1118, 411-1119, 411-1120, 411-1121, 411-1122, 411-1123, 411-1124, 411-1125, 411-1126, 411-1127, 411-1128, 411-1129, 411-1130, 411-1131, 411-1132, 411-1133, 411-1134, 411-1135, 411-1136, 411-1137, 411-1138, 411-1139, 411-1140, 411-1141, 411-1142, 411-1143, 411-1144, 411-1145, 411-1146, 411-1147, 411-1148, 411-1149, 411-1150, 411-1151, 411-1152, 411-1153, 411-1154, 411-1155, 411-1156, 411-1157, 411-1158, 411-1159, 411-1160, 411-1161, 411-1162, 411-1163, 411-1164, 411-1165, 411-1166, 411-1167, 411-1168, 411-1169, 411-1170, 411-1171, 411-1172, 411-1173, 411-1174, 411-1175, 411-1176, 411-1177, 411-1178, 411-1179, 411-1180, 411-1181, 411-1182, 411-1183, 411-1184, 411-1185, 411-1186, 411-1187, 411-1188, 411-1189, 411-1190, 411-1191, 411-1192, 411-1193, 411-1194, 411-1195, 411-1196, 411-1197, 411-1198, 411-1199, 411-1200, 411-1201, 411-1202, 411-1203, 411-1204, 411-1205, 411-1206, 411-1207, 411-1208, 411-1209, 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SCHEDULE OF WINDOWS

PLAN



ELEVATION



MARK



LOCATION

AS SHOWN IN THE PLAN

QUANTITY

1 SET

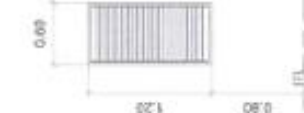
SPECIFICATION

1 1/2" x 4" ANALOK ALUMINUM FRAME
MODERN JALOUSIE WINDOW USING
1/4" THICK TINTED GLASS (GRAY).

PLAN



ELEVATION



MARK



LOCATION

AS SHOWN IN THE PLAN

QUANTITY

1 SET

SPECIFICATION

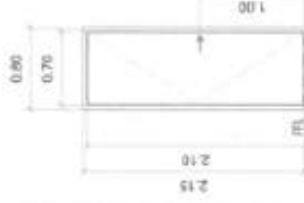
1 1/2" x 4" ANALOK ALUMINUM FRAME
MODERN JALOUSIE WINDOW USING
1/4" THICK TINTED GLASS (GRAY).

SCHEDULE OF DOORS

PLAN



ELEVATION



MARK



LOCATION

AS SHOWN IN THE PLAN

QUANTITY

1 SET

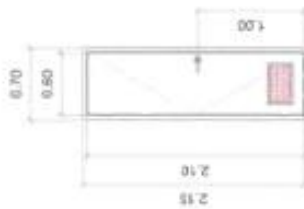
SPECIFICATION

FLUSH DOOR & JAMB (PAINT
FINISH-GRAY) WITH STAINLESS
STEEL LEVER TYPE LOCKSET
(BOTH SIDE)

PLAN



ELEVATION



MARK



LOCATION

AS SHOWN IN THE PLAN

QUANTITY

1 SET

SPECIFICATION

PVC DOOR & JAMB (WHITE) WITH
STAINLESS STEEL LEVER TYPE
LOCKSET (BOTH SIDE)

GUARD HOUSE - GATE 3 SCHEDULE OF DOORS AND WINDOWS

SCALE
1:50



**SOUTHERN LEYTE
STATE UNIVERSITY**
OFFICE OF THE CHANCELLOR
SOUTHERN LEYTE STATE UNIVERSITY
DANAGAUAN CAMPUS, DANAGAUAN, SOUTHERN LEYTE

APPROVED BY:
MR. JAMES P. ANGELERA, III
CHANCELLOR
DATE: 05/05/2024

PROJECT:
PROPOSED RENOVATION AND
IMPROVEMENT OF GATE 3 (HALL)

OWNER:
SOUTHERN LEYTE STATE UNIVERSITY

DESIGNED BY:
JULIE A. DUARTE, DPA
VERIFIY BY:
DATE: 05/05/2024

SHEET NO.
AS SHOWN

PROJECT NO.
A-05



GUARD HOUSE - GATE 3
LIGHTING LAYOUT PLAN
SCALE 1"=40' N

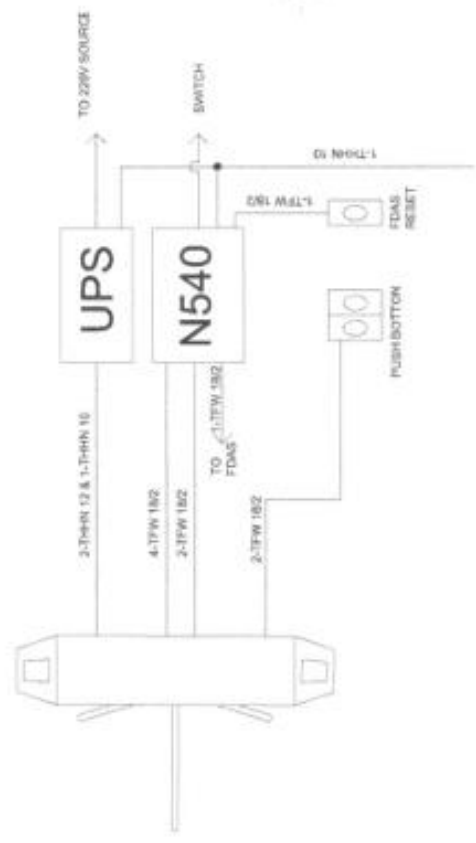


GUARD HOUSE - GATE 3
POWER LAYOUT PLAN

[illegible]

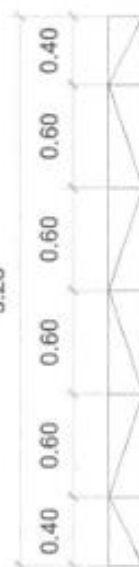
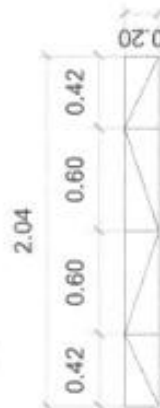


TURNSTILE & BOOM GATE
POWER LAYOUT PLAN
 SCALE 1:30 M



CONNECTION DETAIL
 SCALE NTS

 SOUTHERN LEYTE STATE UNIVERSITY OFFICE OF THE CHANCELLOR SOUTHERN LEYTE STATE UNIVERSITY 6700 MARINA DRIVE, GREEN ARCADE PROJECT DEVELOPMENT GROUP 1	PROJECT:  MR. JAMES P. ALVARADO, JR. CHIEF OF PROJECT DEVELOPMENT GROUP 1	CLIENT:  SOUTHERN LEYTE STATE UNIVERSITY PROJECT DEVELOPMENT GROUP 1	PROJECT:  PROPOSED RENOVATION AND IMPROVEMENT OF GATE 3 (RZAL)	OWNER:  SOUTHERN LEYTE STATE UNIVERSITY PROJECT DEVELOPMENT GROUP 1	SHEET NO:  E-02	SCALE: 1:30 M DATE:  DRAWN:  CHECKED:  APPROVED:  AS SHOWN
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MARK	FOOTING DIMENSIONS			ELEVATION (FEET ABOVE GROUND)	TOP BARS	BOTTOM BARS		REMARKS
	WIDTH (IN)	LENGTH (IN)	THICKNESS (IN)			WIDTH (IN)	LENGTH (IN)	
F1	3.00	8.00	0.30	5.00	NONE	5-#20@ 5'-0"O.C.	5-#20@ 5'-0"O.C.	ISOLATED FOOTING

[illegible]

ITEM	QUANTITY	UNIT	1/2" SUPPORT	MEDIUM	1/4" SUPPORT	TERMINALS
ROOF BEAM	1	EA	1-1/2"	1-1/2"	1-1/2"	1-1/2"
TERMINAL	1	EA	1-1/2"	1-1/2"	1-1/2"	1-1/2"

Element	1178614P2	Fe	2000 DB
Al	1.38 ± 0.03	3.39 ± 0.27	3.39 ± 0.27
Si	6.6 ± 0.35	3.38 ± 0.25	3.38 ± 0.25
Ti	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Cr	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Mn	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Fe	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Ni	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Cu	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Zn	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
As	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Se	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Br	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Rb	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Sr	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Y	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Zr	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Nb	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Mo	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Cd	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
In	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Sn	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Pb	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Bi	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Po	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
At	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Rn	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Ac	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Th	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Pa	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
U	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Np	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Pu	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Am	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Cm	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Bk	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Cf	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Es	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Fm	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Md	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
No	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25
Lr	4.6 ± 0.19	3.38 ± 0.25	3.38 ± 0.25

100MM THK SLAB-ON-FILL
WITH 10MMØ RSB @ 300MM
B.W. O.C.

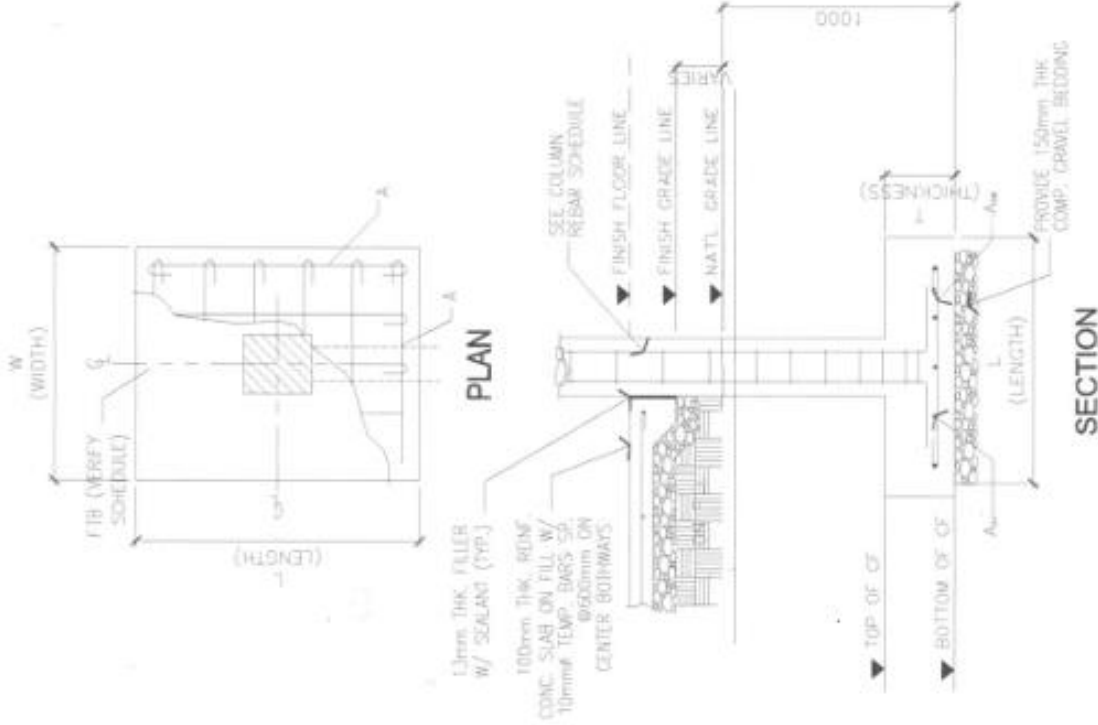
12mm Ø CROSS BRACING WITH STANDARD

2" x 3" x 2mm THK,
CEE-PURLINS.

2" x 4"
TUBULAR STEEL
W/ 10007 PIN. (61.3 x 61.3)

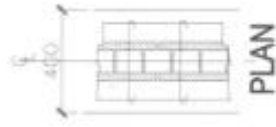
ROOF FRAMING PLAN

 SOUTHERN LEYTE STATE UNIVERSITY OFFICE OF THE CHANCELLOR OFFICE OF THE DEAN OF STUDENTS OFFICE OF THE DEAN OF ACADEMIC AFFAIRS OFFICE OF THE DEAN OF RESEARCH AND EXTENSION OFFICE OF THE DEAN OF SPECIAL EDUCATION OFFICE OF THE DEAN OF TECHNOLOGY OFFICE OF THE DEAN OF TRAINING OFFICE OF THE DEAN OF WELFARE	APPROVED BY: <i>[Signature]</i> DR. JAMES M. SORIANO, JR. CHANCELLOR	PROJECT: PROPOSED RENOVATION AND IMPROVEMENT OF GATE 3 (RIZAL)	PROJECT NO.: AS SHOWN	PROJECT NO.: B-01
APPROVALS AND SIGNATURES:	APPROVED BY: <i>[Signature]</i> DR. JAMES M. SORIANO, JR. CHANCELLOR	PROJECT NO.: AS SHOWN	PROJECT NO.: B-01	PROJECT NO.: B-01
APPROVED BY: <i>[Signature]</i> DR. JAMES M. SORIANO, JR. CHANCELLOR	PROJECT NO.: AS SHOWN	PROJECT NO.: B-01	PROJECT NO.: B-01	PROJECT NO.: B-01
APPROVED BY: <i>[Signature]</i> DR. JAMES M. SORIANO, JR. CHANCELLOR	PROJECT NO.: AS SHOWN	PROJECT NO.: B-01	PROJECT NO.: B-01	PROJECT NO.: B-01
APPROVED BY: <i>[Signature]</i> DR. JAMES M. SORIANO, JR. CHANCELLOR	PROJECT NO.: AS SHOWN	PROJECT NO.: B-01	PROJECT NO.: B-01	PROJECT NO.: B-01

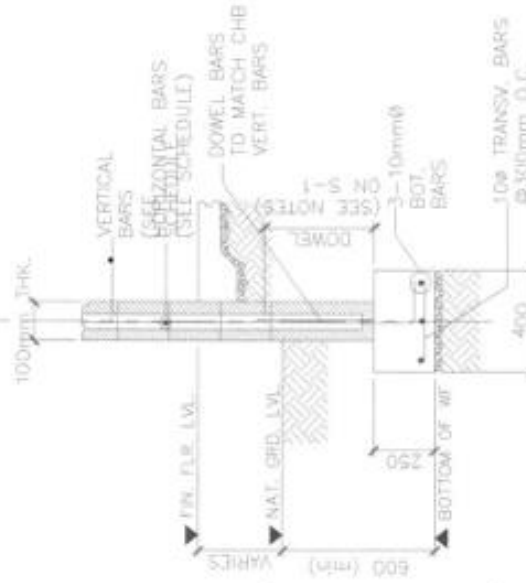


SECTION

TYPICAL COLUMN FOOTING DETAIL
NOT DRAWN TO SCALE



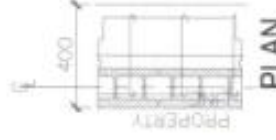
PLAN



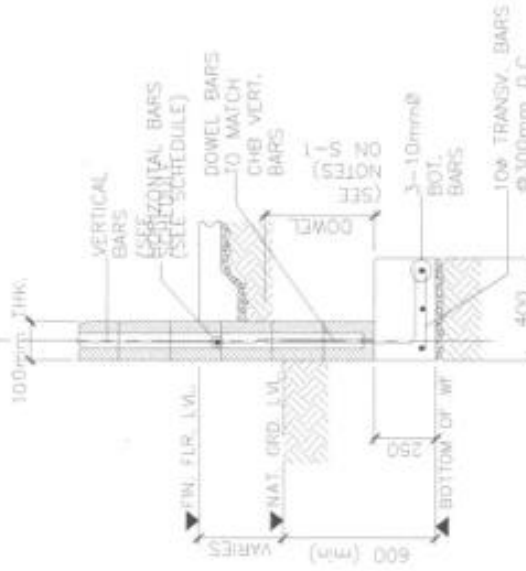
SECTION

WF-1

(AT CENTER CHB WALL)



PLAN



SECTION

WF-2

(AT EDGE / PERIMETER CHB WALL)

TYPICAL WALL FOOTING DETAILS
NOT DRAWN TO SCALE

 SOUTHERN LEYTE STATE UNIVERSITY OFFICE OF THE CHANCELLOR SARANAP, MARAWAT, GREEN KAPPA PROJECT: RECONSTRUCTION OF GATE 3 (RIZAL)	 DESIGNED BY JUDGE A. DUARTE, CPA (SEAL NOT REPRODUCED)	 APPROVED BY JUDGE A. DUARTE, CPA (SEAL NOT REPRODUCED)	 DATE 10/01/2020	 PROJECT NO. SLSU-2020-001	 PROJECT NO. SLSU-2020-001
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