



**Republic of the Philippines**  
**Department of Education**  
 Region III - Central Luzon  
 Schools Division of Bulacan

**Request for Quotation (RFQ)**

**Date: May 06, 2026**  
**RFQ No.: Infra RFQ 2026 -05-03**

**To all Eligible Suppliers:**

- I. Please quote your lowest price inclusive of VAT on the item listed on the following page, subject to the Terms and Conditions of this RFQ. Submit or send your quotation, fully sealed and duly signed by you or your representative to the Bids and Awards Committee or its Secretariat not later than **May 11, 2026, 10:00 am** at **DepEd - Schools Division Office Bulacan, Provincial Capitol Compound, Brgy. Guinhawa, City of Malolos**. Quotation that exceeds the approved budget for the contract (ABC) shall be rejected. For more information, email us at [procurement@bulacandeped.com.ph](mailto:procurement@bulacandeped.com.ph).

II.

  
**JAIME T. TUGADE, PhD, CESE, RGC**  
 BAC Chairperson  
 Infrastructure

**III. Particulars**

Lot No	Item & Description / Technical Specifications	Approved Budget for the Contract (ABC) in PhP	Quantity and Unit of Measure	Bidder's TOTAL PRICE in Pesos
	Construction of One (1) unit - Slab on Grade (SOG) Classroom with Toilet (12.82m x 8.50m) Learning Continuity Spaces (LCS) School Building Design	<b>Php 2,000,000.00</b>	<b>See attached Program of Works</b>	

Contract Duration: **Fifteen (15) days** from Contractor's receipt of Notice to Proceed.

Location/Site: **Capitol Compound, Brgy. Guinhawa, City of Malolos, Bulacan**

This is to submit our price quotations as indicated above subject to the terms and conditions of this RFQ.

Contractor's Business Name:				TIN:	
Address:					
Telephone No.:		Fax No.:		E-mail:	
Supplier's Authorized Representative's Signature over Printed Name:				Date:	

## Terms and Conditions

### A. Submission of Requirements

1. **Sealed quotations and other requirements stated below** shall be submitted or sent by the bidder/supplier to the Bids and Awards Committee (BAC) or its Secretariat on or before the deadline for submission quotation(s) and at the address stated in this RFQ, as follows:
  - 1.1. Duly signed and accomplished Request for Quotation (prices quoted in Philippine currency)
  - 1.2. Duly accomplished and signed Program of Works: Bill of Quantities and Detailed Cost Estimate;
  - 1.3. Current Mayor's/Business Permit
  - 1.4. Certificate of PhilGEPS Registration (Platinum)/PhilGEPS Registration Number
  - 1.5. Income or Business Tax Return
  - 1.6. PCAB License (General Building)
  - 1.7. Omnibus Sworn Statement

Bidder's/supplier's failure to submit or send any of the above-stated documents on or before the deadline stated in this RFQ shall be ground for disqualification of the bidder/supplier and its/his/her/their quotation(s).

### B. Evaluation of Quotations

Quotations shall be compared and evaluated on the basis of the following criteria:

1. Completeness of Submission
2. Bidders' price quotations
3. Compliance with procuring entity's assessment of the technical, legal, and financial capability and experience of the bidder in the same or similar business

In case two or more bidders are determined to have submitted the Lowest Calculated Quotation/Lowest Calculated and Responsive Quotation, the procuring entity shall adopt and employ "draw lots" as the tie-breaking method to finally determine the single winning bidder in accordance with GPPB Circular 06-2005.

### C. Award

Bidder(s)/supplier(s) who submitted the lowest calculated and responsive quotation(s) shall be awarded the PO after evaluation of quotations by the BAC.

### D. Project Completion

1. Completion of the project shall be made within **15 calendar days** from date of receipt of Notice to Proceed by the Contractor.
2. The Project Site is at **Capitol Compound, Brgy. Guinhawa, City of Malolos, Bulacan.**
3. Upon completion of the project, the contractor shall notify the Procuring Entity and present the following documents:
  - a. Notice to Proceed;
  - b. Statement of Work Accomplishment;
  - c. Inspection/Punchlist of Corrective Works Report;
  - d. Progress Photographs (Before, During, After);
  - e. Certificate of Completion; and
  - f. Certificate of Turn-Over

For the purpose of these conditions, the procuring entity's representative at the Project Site is **Carl Paulo A. Fernando, Division Engineer.**

### E. Instructions

- a. Contractor shall be responsible for the source(s) of its materials/equipment, and shall perform the work/s in accordance with the schedule, and specifications of the project. Failure of the contractor to comply with this provision shall be ground for cancellation of the award or contract issued to the contractor.
- b. Contractor shall proceed with works of the project in its favor after the date of receipt of notice to that effect. A Notice to Proceed shall constitute an official notice to the Contractor. Thereafter, if the project has not yet started, the contract may be cancelled.
- c. Contractor who accepted a project but failed without justifiable cause to perform the work within the time called for in the contract shall be disqualified from participating in DepEd or any of DepEd units' future procurement activities. This is without prejudice to the imposition of other sanctions prescribed under R.A. 9184 and its revised IRR against the supplier.

The term "without justifiable cause" refers to force majeure, and/or extraordinary circumstances defined in the Civil Code of the Philippines.

- d. Rejected work shall be construed as non-delivery, and the contractor shall undertake the necessary repair works, at his own expense, subject to liquidated damages for delayed completion.
- e. All duties, revenue charges, excise and other taxes shall be paid by the Contractor.
- f. All transactions are subject to withholding of credible Value Added Tax and/or Expanded Value Added Tax per revenue regulation(s) of the Bureau

of Internal Revenue.

## **F. Inspection**

1. The Procuring Entity may conduct an inspection prior to the award of Contract, to validate compliance to the required technical requirements.
2. All work accomplished by the contractor shall be subjected to inspection, and acceptance by the DepEd Inspection team and end-user.

For the purpose of this condition, the Procuring Entity's representative at Project Site is Carl Paulo A. Fernando, Division Engineer.

## **G. Liquidated Damages**

A penalty of one-tenth of one per cent (0.1%) of the cost of the unperformed portion of the works for every day of delay shall be charged to defaulting contractor.

## **H. Warranty**

One (1) year from project completion up to final acceptance or the defects liability period, the contractor shall undertake repair works, at his own expense, of any damage to the infrastructure on account of the use of materials of inferior quality, within thirty (30) days from the time the Head of the Procuring Entity has issued an order to undertake repair.

In case the bidder/supplier fails to comply with its obligation under this warranty, the procuring entity may exercise its option to blacklist the contractor in accordance with the provisions of RA 9184 and its revised IRR.

To signify said warranty, the bidder/supplier shall issue a Warranty Certificate in favor of the procuring entity as a condition for payment of the contract price.

## **I. Payment**

1. Partial payment can be made thru progress billing of the works accomplished and submission by the contractor of the following documents:
  - a. Request for Payment;
  - b. Statement of Work Accomplished; and
  - c. Progress Photographs of accomplished works;
2. Full and final payment shall be made upon full completion of the works and submission by the contractor of the following documents:
  - a. Request for Final Payment;
  - b. Statement of Work Accomplished;
  - c. Inspection/Punchlist of Corrective Works Report;
  - d. Progress photographs;
  - e. Certificate of Completion; and
  - f. Certificate of Turn-Over Acceptance;

## J. Reservation Clause

The procuring entity reserves the right to reject any and/or all quotations, not award the contract or annul the bidding process under the following situations without thereby incurring any liability to the affected parties or bidders:

- a) If there is prima facie evidence of collusion between appropriate public officers or employees of the procuring entity, or between the BAC and any of the bidders, or if the collusion is between or among the bidders themselves, or between a bidder and a third party, including any act which restricts, suppresses or nullifies or tends to restrict, suppress or nullify competition;
- b) If the BAC is found to have failed in following the prescribed bidding procedures; or
- c) For any justifiable and reasonable ground where the award of the contract will not redound to the benefit of the GOP, as follows;
- d) if the physical and economic conditions have significantly changed so as to render the project no longer economically, financially, or technically feasible, as determined by the Head of the Procuring Entity;
- e) if the project is no longer necessary as determined by the Head of the Procuring Entity; and
- f) if the source of funds for the project has been withheld or reduced through no fault of the procuring entity.

## K. Bidder's binding commitment to the procuring entity

After having carefully read and accepted your Request for Quotation (RFQ) and its Terms and Conditions, I/We submit herein price quotation(s) for the item(s) in this RFQ. The quotation(s) shall be binding upon me/us for **thirty (30) calendar days** reckoned from last day of submission indicated in this RFQ. The corresponding Award or Contract shall be accepted by me/us at any time before expiration of this period.

I/We confirm that the prices quoted in this RFQ are fixed and firm for the duration of the validity period and will not be subject to upward revision or variation.

We confirm that we are eligible to participate in government public procurements having been issued valid business permit, license, and/or registration by the government and/or its instrumentalities.

My/our authorized signature on page two (2) of this RFQ binds me/us to this document of the procuring entity.



**PROGRAM OF WORKS**  
**BILL OF QUANTITIES**

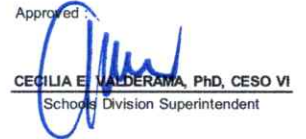
School	: KALAWAKAN ELEMENTARY SCHOOL	Date	: May 05, 2026
School I.D	: 105074	Budget Allocation:	: 2,000,000.00
Region	: III	Engineering and Administrative Overhead:	: 0.00
Division	: BULACAN	Approved Budget for the Contract:	: 2,000,000.00
Project Title	: PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN	Completion Period:	: 20 CALENDAR DAYS
Location		Minimum Required Manpower:	
: DOÑA REMEDIOS TRINIDAD, BULACAN		General Foreman	Welder
		Helper	Mason
		Carpenter	Painter
		Minimum Required Equipment:	
		Hand Tools	Welding Machine
		One-Bagger Mixer	Bar Cutter

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7) / (5)	(8)	(9)
A.	Facilities for the Engineer							
A.1	Temporary Facilities	0.16%	Month	0.50	2,500.00	5,000.00	5,775.00	2,887.50
B.	Other General Requirements							
B.1	Fire Safety Inspection Certificate (FSIC)	0.12%	lot	1.00	1,940.20	1,940.20	2,037.21	2,037.21
SPL 1	Project Billboard	0.36%	Each	1.00	5,663.16	5,663.16	7,254.51	7,254.51
SPL 2	Construction Safety and Health	1.99%	Month	0.50	31,150.00	62,300.00	71,956.50	35,978.25
C.	Mobilization and Demobilization							
C.1	Mobilization and Demobilization	0.72%	Ls	1.00	11,280.00	11,280.00	11,844.00	11,844.00
1.0000	Earthworks							
1 (a)	Clearing and Grubbing	0.60%	sq.m	112.21	9,446.40	84.19	107.84	12,100.84
1 (b)	Structural Excavation	0.59%	cu m	6.25	9,186.53	1,469.38	1,882.27	11,767.95
1 (c)	Backfilling of Excavated Materials	0.39%	cu m	3.50	6,142.87	1,753.85	2,246.69	7,809.02
1 (d)	Gravel Bedding G-1	2.86%	cu m	11.87	44,772.69	3,770.97	4,830.61	57,353.81
2.0000	Concreting Works (3000 psi)							
	Structural Concrete (Footing and Slab on Grade)	5.84%	cu m	14.10	91,463.53	6,487.79	8,310.86	117,184.78
	Structural Concrete (Concrete Pedestal)	0.34%	cu m	0.56	5,286.14	9,447.97	12,102.85	6,771.55
3.0000	Rebar Works							
3 (a)	Reinforcing Steel Bar, Grade 40	1.04%	kg	295.20	16,373.46	55.47	71.05	20,974.41
3 (b)	Reinforcing Steel Bar, Grade 33	1.89%	kg	518.83	29,588.28	57.03	73.05	37,902.58
4.0000	Formworks							
4 (a)	Installation and Removal of Formworks	0.57%	sq.m	7.86	8,967.26	1,140.87	1,461.46	11,487.06
	Finishing Works							
5 (e)	Plain Cement Floor Finish	2.39%	sq.m	117.66	37,402.53	317.89	407.22	47,912.64
6.0000	Fabricated Materials and Hardware							
6 (c)	Hollow Core Flush Door	2.88%	sq m	9.03	45,183.40	5,003.70	6,409.74	57,879.94
	Jalousie Window	6.75%	sq m	26.40	105,823.91	4,008.48	5,134.86	135,560.43
	Awning Window	0.19%	sq m	0.36	2,953.29	8,203.58	10,508.79	3,783.16
	Air Louver	2.62%	sq m	3.45	41,025.82	11,891.54	15,233.07	52,554.08
	Prefabricated Wall							
	Pre-painted 75mm Polyurethane (PU) Sandwich Panel	17.40%	lm	89.69	272,610.59	3,039.31	3,893.36	349,214.17
7.0000	Steel Works							
	100mm x 100mm x 3.0mm x 6m Tubular (Post/ Roof Beam/ Rafter)	4.97%	kg	1,115.88	77,876.59	69.79	89.40	99,759.91
	50mm x 75mm x 1.5mm x 6m Tubular (Frame Support)	3.28%	kg	815.65	51,418.56	63.04	80.75	65,867.18
	50mm x 75mm x 1.5mm x 6m C - Purlins	2.59%	m	195.00	40,622.56	208.32	266.86	52,037.50
7 (e)	Metal Structure Accessories (Steel Plates)	0.28%	kg	63.78	4,357.69	68.32	87.52	5,582.21
	J-Bolt, M16 x 300mm, with nut & washer	1.97%	pc	52.00	30,898.95	594.21	761.18	39,581.56
7 (g)	Metal Structure Accessories (Sag Rods)	0.23%	pc	6.00	3,543.16	590.53	756.46	4,538.79
7 (h)	Metal Structure Accessories (Turn Buckle)	0.18%	pc	8.00	2,853.16	356.65	456.86	3,654.90
7 (j)	Metal Structure Accessories (Cross Bracing)	0.32%	pc	13.80	4,990.70	361.65	463.27	6,393.09

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
8.0000	<b>Roofing Works</b>							
	0.50mm thk (BMT) Pre-painted, Long span, Corugated G.I. Roofing Sheets	6.88%	sq m	135.00	107,756.86	798.20	1,022.49	138,036.54
8 (d)	Fabricated Metal Roofing Accessory (Gutter)	0.96%	m	15.00	15,014.10	1,000.94	1,282.20	19,233.06
	C-purlins (Fascia)	2.34%	m	96.00	36,638.93	381.66	488.90	46,934.47
9.0000	<b>Ceiling and Carpentry Works</b>							
9 (g)	Gypsum Board on Metal Frame Ceiling	4.82%	sq m	108.97	75,582.30	693.61	888.51	96,820.92
9 (i)	Blackboard	0.46%	sq.m	5.76	7,175.34	1,245.72	1,595.77	9,191.61
10.0000	<b>Electrical Works</b>							
10 (a)	Conduit, Boxes and Fitting	1.26%	Ls	1.00	19,746.96	19,746.96	25,295.86	25,295.86
10 (b)	Wires and Wiring Devices	1.38%	Ls	1.00	21,555.48	21,555.48	27,612.57	27,612.57
10 (c)	Lighting Fixture/ Fixture	2.21%	Ls	1.00	34,640.64	34,640.64	44,374.66	44,374.66
10 (d)	Panel Board and Cabinets	0.57%	Ls	1.00	8,892.84	8,892.84	11,391.73	11,391.73
11.0000	<b>Plumbing Works</b>							
11 (a)	Waterline Works	0.57%	Ls	1.00	8,954.84	8,954.84	11,471.15	11,471.15
	Rainwater Harvesting System	1.81%	Ls	1.00	28,357.84	28,357.84	36,326.39	36,326.39
12.0000	<b>Sanitary Works</b>							
12 (a)	Sewer Line Works	2.31%	Ls	1.00	36,253.39	36,253.39	46,440.60	46,440.60
12 (b)	Sanitary/ Plumbing Fixtures	2.64%	Ls	1.00	41,406.32	41,406.32	53,041.50	53,041.50
12 (c)	Fiberglass Reinforced Polyester (FRP)	1.33%	Ls	1.00	20,806.96	20,806.96	26,653.72	26,653.72
13.0000	<b>Painting Works</b>							
13 (b)	Wooden Painting	2.26%	sq.m	118.00	35,374.38	299.78	384.02	45,314.58
13 (c)	Metal Painting	4.70%	sq.m	287.73	73,651.13	255.98	327.90	94,347.10
		<b>100.00%</b>					<b>Total Construction Cost</b>	<b>2,000,199.43</b>

Prepared by  
  
**CARL PALISO A. FERNANDO**  
 Division Engineer

Recommending Approval :  
  
**RAINELDA M. BLANCO, PhD**  
 Chief, SGOD

Approved :  
  
**CECILIA E. VALDERAMA, PhD, CESO VI**  
 Schools Division Superintendent



**PROGRAM OF WORKS**  
**DETAILED COST ESTIMATE**  
 (TOTAL CONSTRUCTION COST/ ABC)

PROJECT PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN  
 SCHOOL : KALAWAKAN ELEMENTARY SCHOOL  
 LOCATION : DOÑA REMEDIOS TRINIDAD, BULACAN  
 OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 15 CD

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) (6) + (7)	(9) (5) x (8)	(10) 5% [(5) + (9)]	(11) (9) + (10)	(12) (5) + (11)	(13) (12) / (3)
<b>A.</b>	<b>Facilities for the Engineer</b>											
A.1	Temporary Facilities	0.50	Month	2,500.00	0%	10%	10%	250.00	137.50	387.50	2,887.50	5,775.00
<b>B.</b>	<b>Other General Requirements</b>											
B.1	Fire Safety Inspection Certificate (FSIC)	1.00	lot	1,940.20	0%	0%	0%	-	97.01	97.01	2,037.21	2,037.21
SPL 1	Project Billboard	1.00	Each	5,663.16	12%	10%	22%	1,245.90	345.45	1,591.35	7,254.51	7,254.51
SPL 2	Construction Safety and Health	0.50	Month	31,150.00	0%	10%	10%	3,115.00	1,713.25	4,828.25	35,978.25	71,956.50
<b>C.</b>	<b>Mobilization and Demobilization</b>											
C.1	Mobilization and Demobilization	1.00	Ls	11,280.00	0%	0%	0%	-	564.00	564.00	11,844.00	11,844.00
<b>1.0000</b>	<b>Earthworks</b>											
1 (a)	Clearing and Grubbing	112.21	sq.m	9,446.40	12%	10%	22%	2,078.21	576.23	2,654.44	12,100.84	107.84
1 (b)	Structural Excavation	6.25	cu m	9,186.53	12%	10%	22%	2,021.04	560.38	2,581.42	11,767.95	1,882.27
1 (c)	Backfilling of Excavated Materials	3.50	cu m	6,142.87	12%	10%	22%	1,351.43	374.72	1,726.15	7,869.02	2,246.69
1 (d)	Gravel Bedding G-1	11.87	cu m	44,772.69	12%	10%	22%	9,849.99	2,731.13	12,581.13	57,353.81	4,830.61
<b>2.0000</b>	<b>Concreting Works (3000 psi)</b>											
	Structural Concrete (Footing and Slab on Grade)	14.10	cu m	91,463.53	12%	10%	22%	20,121.98	5,579.28	25,701.25	117,164.78	8,310.86
	Structural Concrete (Concrete Pedestal)	0.56	cu m	5,286.14	12%	10%	22%	1,162.95	322.45	1,485.41	6,771.55	12,102.85
<b>3.0000</b>	<b>Rebar Works</b>											
3 (a)	Reinforcing Steel Bar, Grade 40	295.20	kg	16,373.46	12%	10%	22%	3,602.16	998.78	4,600.94	20,974.41	71.05
3 (b)	Reinforcing Steel Bar, Grade 33	518.83	kg	29,588.28	12%	10%	22%	6,509.42	1,804.88	8,314.31	37,902.58	73.05
<b>4.0000</b>	<b>Formworks</b>											
4 (a)	Installation and Removal of Formworks	7.86	sq.m	8,967.26	12%	10%	22%	1,972.80	547.00	2,519.80	11,487.06	1,461.46
	<b>Finishing Works</b>											
5 (e)	Plain Cement Floor Finish	117.66	sq.m	37,402.53	12%	10%	22%	8,228.56	2,281.55	10,510.11	47,912.64	407.22
<b>6.0000</b>	<b>Fabricated Materials and Hardware</b>											
6 (c)	Hollow Core Flush Door	9.03	sq m	45,183.40	12%	10%	22%	9,940.35	2,756.19	12,696.54	57,879.94	6,409.74
	Jalousie Window	26.40	sq m	105,823.91	12%	10%	22%	23,281.26	6,455.26	29,736.52	135,560.43	5,134.86

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
	Awning Window	0.36	sq m	2,953.29	12%	10%	22%	649.72	180.15	829.87	3,783.16	10,508.79
	Air Louver	3.45	sq m	41,025.82	12%	10%	22%	9,025.68	2,502.58	11,528.26	52,554.08	15,233.07
	<b>Prefabricated Wall</b>											
	Pre-painted 75mm Polyurethane (PU) Sandwich Panel	89.69	lm	272,610.59	12%	10%	22%	59,974.33	16,629.25	76,603.58	349,214.17	3,893.36
<b>7.0000</b>	<b>Steel Works</b>											
	100mm x 100mm x 3.0mm x 6m Tubular (Post/ Roof Beam/ Rafter)	1,115.88	kg	77,876.59	12%	10%	22%	17,132.85	4,750.47	21,883.32	99,759.91	89.40
	50mm x 75mm x 1.5mm x 6m Tubular (Frame Support)	815.65	kg	51,418.56	12%	10%	22%	11,312.08	3,136.53	14,448.62	65,867.18	80.75
	50mm x 75mm x 1.5mm x 6m C - Purlins	195.00	m	40,622.56	12%	10%	22%	8,936.96	2,477.98	11,414.94	52,037.50	266.86
7 (e)	Metal Structure Accessories (Steel Plates)	63.78	kg	4,357.69	12%	10%	22%	958.69	265.82	1,224.51	5,582.21	87.52
	J-Bolt, M16 x 300mm, with nut & washer	52.00	pc	30,898.95	12%	10%	22%	6,797.77	1,884.84	8,682.61	39,581.56	761.18
7 (g)	Metal Structure Accessories (Sag Rods)	6.00	pc	3,543.16	12%	10%	22%	779.50	216.13	995.63	4,538.79	756.46
7 (h)	Metal Structure Accessories (Turn Buckle)	8.00	pc	2,853.16	12%	10%	22%	627.70	174.04	801.74	3,654.90	456.86
7 (i)	Metal Structure Accessories (Cross Bracing)	13.80	pc	4,990.70	12%	10%	22%	1,097.95	304.43	1,402.39	6,393.09	463.27
<b>8.0000</b>	<b>Roofing Works</b>											
	0.50mm thk (BMT) Pre-painted, Long span, Corrugated G.I. Roofing Sheets	135.00	sq m	107,756.86	12%	10%	22%	23,706.51	6,573.17	30,279.68	138,036.54	1,022.49
8 (d)	Fabricated Metal Roofing Accessory (Gutter)	15.00	m	15,014.10	12%	10%	22%	3,303.10	915.86	4,218.96	19,233.06	1,282.20
	C-purlins (Fascia)	96.00	m	36,638.93	12%	10%	22%	8,060.56	2,234.97	10,295.54	46,934.47	488.90
<b>9.0000</b>	<b>Ceiling and Carpentry Works</b>											
9 (g)	Gypsum Board on Metal Frame Ceiling	108.97	sq m	75,582.30	12%	10%	22%	16,628.11	4,610.52	21,238.63	96,820.92	888.51
9 (i)	Blackboard	5.76	sq.m	7,175.34	12%	10%	22%	1,578.57	437.70	2,016.27	9,191.61	1,595.77
<b>10.0000</b>	<b>Electrical Works</b>											
10 (a)	Conduit, Boxes and Fitting	1.00	Ls	19,746.96	12%	10%	22%	4,344.33	1,204.56	5,548.90	25,295.86	25,295.86
10 (b)	Wires and Wiring Devices	1.00	Ls	21,555.48	12%	10%	22%	4,742.21	1,314.88	6,057.09	27,612.57	27,612.57
10 (c)	Lighting Fixture/ Fixture	1.00	Ls	34,640.64	12%	10%	22%	7,620.94	2,113.08	9,734.02	44,374.66	44,374.66
10 (d)	Panel Board and Cabinets	1.00	Ls	8,892.84	12%	10%	22%	1,956.42	542.46	2,498.89	11,391.73	11,391.73
<b>11.0000</b>	<b>Plumbing Works</b>											
11 (a)	Waterline Works	1.00	Ls	8,954.84	12%	10%	22%	1,970.06	546.25	2,516.31	11,471.15	11,471.15
	Rainwater Harvesting System	1.00	Ls	28,357.84	12%	10%	22%	6,238.72	1,729.83	7,968.55	36,326.39	36,326.39
<b>12.0000</b>	<b>Sanitary Works</b>											
12 (a)	Sewer Line Works	1.00	Ls	36,253.39	12%	10%	22%	7,975.75	2,211.46	10,187.20	46,440.60	46,440.60
12 (b)	Sanitary/ Plumbing Fixtures	1.00	Ls	41,406.32	12%	10%	22%	9,109.39	2,525.79	11,635.18	53,041.50	53,041.50
12 (c)	Fiberglass Reinforced Polyester (FRP)Septic Tank (1000L Cap)	1.00	Ls	20,806.96	12%	10%	22%	4,577.53	1,269.22	5,846.76	26,653.72	26,653.72
<b>13.0000</b>	<b>Painting Works</b>											
13 (b)	Wooden Painting	118.00	sq.m	35,374.38	12%	10%	22%	7,782.36	2,157.84	9,940.20	45,314.58	384.02
13 (c)	Metal Painting	287.73	sq.m	73,651.13	12%	10%	22%	16,203.25	4,492.72	20,695.97	94,347.10	327.90
	<b>TOTAL CONSTRUCTION COST</b>										<b>2,000,199.43</b>	

Prepared by:

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Division Engineer

Recommending Approval:

RAINELDA M. BLANCO, PhD

Chief, SGOD

Approved:

CECILIA E. VALDERAMA, PhD, CESO VI

Schools Division Superintendent



**DETAILED UNIT PRICE ANALYSIS**

**Project:** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** A.1

**Description:** Temporary Facilities

Quantity: 0.50  
 Output : 1.00  
 Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Rental of Office/ Storage House (including light and water)	Month	0.50	5,000.00	2,500.00
<b>Sub-Total ( Materials)</b>					Php 2,500.00
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php 2,500.00
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (Ocm)</b>				0% of D.
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. 250.00
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) 137.50
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php 2,887.50
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php 5,775.00



**DETAILED UNIT PRICE ANALYSIS**

**Project:** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** B.1

**Description:** Fire Safety Inspection Certificate (FSIC)

Quantity: 1.00  
 Output : 1.00  
 Unit: lot

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Fire Safety Inspection Certificate (FSIC)	lot	1	1,940.20	1,940.20
<b>Sub-Total ( Materials)</b>					Php 1,940.20
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php 1,940.20
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (Ocm)</b>				0% of D.
<b>F.</b>	<b>Contractor's Profit</b>				0% of D.
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) 97.01
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php 2,037.21
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php 2,037.21



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** SPL 1

**Description:** Project Billboard

Quantity: 1.00  
Output: 1.00  
Unit: Each

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4	154.84	619.36
	Skilled Laborer	1	4	112.01	448.04
	Unskilled Laborer	1	4	86.44	345.76
<b>Sub-Total (Labor)</b>					Php <b>1,413.16</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	8' x 8' Tarpaulin, 2 sets	sq ft	64.00	20.00	1,280.00
	Good Lumber (Frames)	bd.ft	48.00	60.00	2,880.00
	Assorted CW Nails	kg	1.00	90.00	90.00
<b>Sub-Total ( Materials)</b>					Php <b>4,250.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php <b>5,663.16</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (Ocm)</b>				12% of D. <b>679.58</b>
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. <b>566.32</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) <b>345.45</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php <b>7,254.51</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php <b>7,254.51</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** SPL 2

**Description:** Construction Safety and Health

Quantity: 0.50

Output : 1.00

Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Safety Officer	1	120	112.01	13,441.20
	First Aider	1	120	103.44	12,412.80
<b>Sub-Total (Labor)</b>				Php	<b>25,854.00</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>				Php	<b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	First Aid Kit	Ls	1	1,400.00	1,400.00
	Personal Protective equipment (PPE)				
	Safety Helmet	man -days	9	130.00	1,170.00
	Safety Shoes	man -days	9	130.00	1,170.00
	Safety Gloves	man -days	18	25.00	450.00
	Signages and Barricades				
	PPE Signage (4' x 8')	set	1	640.00	640.00
	Safety First (4' x 4')	set	1	320.00	320.00
	Warning Signs (2' x 3')	set	1	120.00	120.00

	Caution Tape, 100 ft	roll	1	26.00	26.00
<b>Sub-Total ( Materials)</b>				Php	<b>5,296.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			Php	<b>31,150.00</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (Ocm)</b>			0% of D.	
<b>F.</b>	<b>Contractor's Profit</b>			10% of D.	<b>3,115.00</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>			5% of (D+E+F)	<b>1,713.25</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			Php	<b>35,978.25</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			Php	<b>71,956.50</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** C.1

**Description:** Mobilization and Demobilization

Quantity: 1.00

Output : 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount	
<b>Sub-Total (Labor)</b>					Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount	
	Self Loading Truck and Accessories	1	24	470.00	11,280.00	
<b>Sub-Total ( Equipment)</b>					Php	<b>11,280.00</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount	
<b>Sub-Total ( Materials)</b>					Php	-
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			Php	<b>11,280.00</b>	
<b>E.</b>	<b>Overhead, Contingencies and Miscellaneous (Ocm)</b>			0% of D.		
<b>F.</b>	<b>Contractor's Profit</b>			0% of D.		
<b>G.</b>	<b>Value Added Tax (VAT)</b>			5% of (D+E+F)	564.00	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			Php	<b>11,844.00</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			Php	<b>11,844.00</b>	



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1)-UNIT- SLAB ON GRADE (SOG) CLASSROOM WITH-TOILET-  
 (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 1 (a)

**Description:** Clearing and Grubbing

**Quantity:** 112.21  
**Output per hour:** 8.00  
**Unit:** sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	14.03	154.84	2,171.82
	Unskilled Laborer	6	14.03	86.44	7,274.57
<b>Sub-Total (Labor)</b>					Php 9,446.40
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
<b>Sub-Total ( Materials)</b>					Php -
D.	<b>Direct Cost (A+B+C)</b>			Php	<b>9,446.40</b>
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	1,133.57
F.	Contractor's Profit			10% of D.	944.64
G.	Value Added Tax (VAT)			5% of (D+E+F)	576.23
H.	<b>Adjusted Total Cost (D+E+F+G)</b>			Php	<b>12,100.84</b>
I.	<b>Adjusted Unit Cost ( H/Quantity)</b>			Php	<b>107.84</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET  
 (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** DOÑA REMEDIOS TRINIDAD, BULACAN

**Item :** 1 (b)

**Description :** Structural Excavation

Quantity: 6.25  
 Output per hour: 0.58  
 Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount	
	Construction Foreman	1	10.85	154.84	1,680.66	
	Unskilled Laborer	8	10.85	86.44	7,505.87	
<b>Sub-Total (Labor)</b>					Php	<b>9,186.53</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount	
<b>Sub-Total ( Equipment)</b>					Php	<b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount	
<b>Sub-Total ( Materials)</b>					Php	<b>-</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			Php	<b>9,186.53</b>	
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>			12% of D.	<b>1,102.38</b>	
<b>F.</b>	<b>Contractor's Profit</b>			10% of D.	<b>918.65</b>	
<b>G.</b>	<b>Value Added Tax (VAT)</b>			5% of (D+E+F)	<b>560.38</b>	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			Php	<b>11,767.95</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			Php	<b>1,882.27</b>	



**DETAILED UNIT PRICE ANALYSIS**

**Project:** :-PROPOSED CONSTRUCTION OF ONE (1) UNIT -SLAB ON GRADE (SOG) CLASSROOM WITH TOILET- (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 1 (c)

**Description:** Backfilling of Excavated Materials

Quantity: 3.50  
 Output per hour: 0.38  
 Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	9.12	154.84	1,412.31
	Unskilled Laborer	6	9.12	86.44	4,730.56
<b>Sub-Total (Labor)</b>					Php 6,142.87
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					
					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
<b>Sub-Total ( Materials)</b>					
					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php 6,142.87
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				12% of D. 737.14
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. 614.29
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) 374.72
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php 7,869.02
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php 2,246.69



**DETAILED UNIT PRICE ANALYSIS**

**Project:** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM-WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 1 (d)

**Description:** Gravel Bedding

Quantity: 11.87  
Output per hour: 1.20  
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	9.89	154.84	1,532.01
	Unskilled Laborer	3	9.89	86.44	2,565.76
<b>Sub-Total (Labor)</b>					Php <b>4,097.77</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Plate Compactor (5hp)	1	4.95	3,938.00	19,481.61
<b>Sub-Total ( Equipment)</b>					Php <b>19,481.61</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Gravel Bedding G-1 (with 5% Shrinkage Factor)	cu.m	12.47	1,700.00	21,193.31
<b>Sub-Total ( Materials)</b>					Php <b>21,193.31</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php <b>44,772.69</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				12% of D. <b>5,372.72</b>
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. <b>4,477.27</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) <b>2,731.13</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php <b>57,353.81</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php <b>4,830.61</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :-** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 2 (b)

**Description:** Structural Concrete (Footing and Slab on Grade)

Quantity: 14.10  
 Output per hour: 0.357  
 Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	39	154.84	6,114.58
	Skilled Laborer	1	39	112.01	4,423.23
	Unskilled Laborer	4	39	86.44	13,653.94
<b>Sub-Total (Labor)</b>					<b>Php 24,191.75</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	One - bagger Mixer	1	39.49	172.00	6,792.22
<b>Sub-Total ( Equipment)</b>					<b>Php 6,792.22</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bag	126.88	210.00	26,644.84
	Washed Sand	cu.m.	7.05	1,400.00	9,868.46
	Crushed Gravel 3/4"	cu.m.	14.10	1,700.00	23,966.26
<b>Sub-Total ( Materials)</b>					<b>Php 60,479.56</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php 91,463.53</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				<b>12% of D. 10,975.62</b>
<b>F.</b>	<b>Contractor's Profit</b>				<b>10% of D. 9,146.35</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				<b>5% of (D+E+F) 5,579.28</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php 117,164.78</b>
<b>i.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php 8,310.86</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:**

**Description:** **Structural Concrete (Concrete Pedestal)**

**Quantity:** 0.56  
**Output per hour:** 0.270  
**Unit:** cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	2	154.84	320.86
	Skilled Laborer	1	2	112.01	232.11
	Unskilled Laborer	4	2	86.44	716.49
<b>Sub-Total (Labor)</b>				Php	<b>1,269.46</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	One - bagger Mixer	1	2.07	172.00	356.42
<b>Sub-Total ( Equipment)</b>				Php	<b>356.42</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bag	5.04	210.00	1,057.46
	Washed Sand	cu.m.	0.28	1,400.00	391.65
	Crushed Gravel 3/4"	cu.m.	0.56	1,700.00	951.15
	Non Shrink Structural Grout 25kg	bag	1.00	1,260.00	1,260.00
<b>Sub-Total ( Materials)</b>				Php	<b>3,660.26</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			Php	<b>5,286.14</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>			12% of D.	634.34
<b>F.</b>	<b>Contractor's Profit</b>			10% of D.	528.61
<b>G.</b>	<b>Value Added Tax (VAT)</b>			5% of (D+E+F)	322.45
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			Php	<b>6,771.55</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			Php	<b>12,102.85</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON-GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 3 (a)

**Description:** Reinforcing Steel Bar, Grade 40

Quantity: 295.20  
 Output per hour: 143.438  
 Unit: kg

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	2.06	154.84	318.66
	Skilled Laborer	3	2.06	112.01	691.56
	Unskilled Laborer	12	2.06	86.44	2,134.74
<b>Sub-Total (Labor)</b>					<b>Php 3,144.96</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Bar Cutter	1	1.03	87.89	90.44
	Bar Bender	1	1.03	140.63	144.70
<b>Sub-Total ( Equipment)</b>					<b>Php 235.15</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	#16 G.I. Tie Wire	kg	5.90	100.00	590.40
	Reinforcing Steel Bar, Grade 40	kg	295.20	42.02	12,402.96
<b>Sub-Total ( Materials)</b>					<b>Php 12,993.36</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php 16,373.46</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				<b>12% of D. 1,964.82</b>
<b>F.</b>	<b>Contractor's Profit</b>				<b>10% of D. 1,637.35</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				<b>5% of (D+E+F) 998.78</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php 20,974.41</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php 71.05</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** = : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 4 (a)

**Description:** Installation and Removal of Formworks

Quantity: 7.86  
Output per hour: 3.24  
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Installation				
	Construction Foreman	1	2.43	154.84	375.63
	Skilled Laborer	2	2.43	112.01	543.46
	Unskilled Laborer	4	2.43	86.44	838.79
	Stripping				
	Construction Foreman	1	0.99	154.84	154.01
	Unskilled Laborer	6	0.99	86.44	515.85
<b>Sub-Total (Labor)</b>					<b>Php 2,427.74</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					<b>Php -</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Good Lumber - 3 uses	bdf	56.51	60.00	3,390.80
	Ordinary Plywood - 3 uses	pc.	2.73	1,100.00	3,000.16
	Assorted CWN	kg.	1.65	90.00	148.55
<b>Sub-Total ( Materials)</b>					<b>Php 6,539.52</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	<b>8,967.26</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>			12% of D.	1,076.07
<b>F.</b>	<b>Contractor's Profit</b>			10% of D.	896.73
<b>G.</b>	<b>Value Added Tax (VAT)</b>			5% of (D+E+F)	547.00
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	<b>11,487.06</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	<b>1,461.46</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM-WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 5 (e)

**Description:** Plain Cement Floor Finish

**Quantity:** 117.66  
**Output per hour:** 5.95  
**Unit:** sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	19.77	154.84	3,061.88
	Skilled Laborer	1	19.77	112.01	2,214.94
	Unskilled Laborer	3	19.77	86.44	5,127.91
<b>Sub-Total (Labor)</b>					Php <b>10,404.72</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php <b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bags	85.42	210.00	17,938.14
	Washed Sand	cu.m	6.47	1,400.00	9,059.67
<b>Sub-Total ( Materials)</b>					Php <b>26,997.80</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			Php	<b>37,402.53</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>			12% of D.	4,488.30
<b>F.</b>	<b>Contractor's Profit</b>			10% of D.	3,740.25
<b>G.</b>	<b>Value Added Tax (VAT)</b>			5% of (D+E+F)	2,281.55
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			Php	<b>47,912.64</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			Php	<b>407.22</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project:-** --: PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON-GRADE (SOG) CLASSROOM-WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 6 (c)

**Description:** Hollow Core Flush Door

Quantity: 9.03  
 Output per hour: 0.32  
 Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	28.22	154.84	4,369.39
	Skilled Laborer	1	28.22	112.01	3,160.78
	Unskilled Laborer	1	28.22	86.44	2,439.23
<b>Sub-Total (Labor)</b>					Php <b>9,969.40</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php <b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	D1, (0.90m x 2.10m) - Hollow Core Flush Type with com	sq.m	3.78	3,800.00	14,364.00
	D2, (0.80m x 2.10m) - Hollow Core Flush Type with com	sq.m	3.36	3,978.57	13,368.00
	D3, (0.90m x 2.10m) - Hollow Core Flush Type with com	sq.m	1.89	3,958.73	7,482.00
<b>Sub-Total ( Materials)</b>					Php <b>35,214.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			Php	<b>45,183.40</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>			12% of D.	<b>5,422.01</b>
<b>F.</b>	<b>Contractor's Profit</b>			10% of D.	<b>4,518.34</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>			5% of (D+E+F)	<b>2,756.19</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			Php	<b>57,879.94</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			Php	<b>6,409.74</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project:** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 6 (e)

**Description:** Jalousie Window (Glass)

Quantity: 26.40  
 Output per hour: 0.27  
 Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	97.78	154.84	15,139.91
	Skilled Laborer	1	97.78	112.01	10,952.09
	Unskilled Laborer	1	97.78	86.44	8,451.91
<b>Sub-Total (Labor)</b>					<b>Php 34,543.91</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					<b>Php -</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Jalousie Window (Glass)	sq m	26.40	2,700.00	71,280.00
<b>Sub-Total ( Materials)</b>					<b>Php 71,280.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php 105,823.91</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				<b>12% of D. 12,698.87</b>
<b>F.</b>	<b>Contractor's Profit</b>				<b>10% of D. 10,582.39</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				<b>5% of (D+E+F) 6,455.26</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php 135,560.43</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php 5,134.86</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT -SLAB ON GRADE (SOG) CLASSROOM WITH TOILET

**Location :** DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:**

**Description:** Steel Framed Awning Window

Quantity: 0.36  
Output per hour: 0.36  
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	1.00	154.84	154.84
	Skilled Laborer	1	1.00	112.01	112.01
	Unskilled Laborer	1	1.00	86.44	86.44
<b>Sub-Total (Labor)</b>					Php <b>353.29</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php <b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Steel Framed Awning Window	sq m	0.36	7,222.22	2,600.00
<b>Sub-Total ( Materials)</b>					Php <b>2,600.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php <b>2,953.29</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				12% of D. <b>354.39</b>
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. <b>295.33</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) <b>180.15</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php <b>3,783.16</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php <b>10,508.79</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project:** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:**

**Description:** Air Louver

**Quantity:** 3.45  
**Output:** 0.18  
**Unit:** sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	19.17	154.84	2,967.77
	Skilled Laborer	1	19.17	112.01	2,146.86
	Unskilled Laborer	1	19.17	86.44	1,656.77
<b>Sub-Total (Labor)</b>					Php <b>6,771.39</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php <b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Air louver (800 x 300mm), Aluminum	sq m	0.48	9,928.82	4,765.83
	Air louver (900 x 300mm), Aluminum	sq m	0.27	9,928.82	2,680.78
	Air louver (800 x 300mm), Aluminum	sq m	2.70	9,928.82	26,807.81
<b>Sub-Total ( Materials)</b>					Php <b>34,254.43</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php <b>41,025.82</b>
<b>E.</b>	<b>Overhead, Contingencies and Miscellaneous (OCM)</b>				12% of D. <b>4,923.10</b>
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. <b>4,102.58</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) <b>2,502.58</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php <b>52,554.08</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php <b>15,233.07</b>



DETAILED UNIT PRICE ANALYSIS

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:**

**Description:** 100mm x 100mm x 3.0mm x 6m Tubular (Post/ Roof Beam/ Rafter)

Quantity: 1115.88  
Output per hour: 85.00  
Unit: kg

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Fabrication				
	Construction Foreman	1	13.13	154.84	2,032.74
	Skilled Laborer	2	13.13	112.01	2,940.93
	Unskilled Laborer	2	13.13	86.44	2,269.57
	Erection				
	Skilled Laborer	3	6.43	112.01	2,161.58
	Unskilled Laborer	3	6.43	86.44	1,668.13
<b>Sub-Total (Labor)</b>					<b>Php 11,072.95</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Welding Machine	1	9.85	391.00	3,849.78
	Cutting Outfit	1	3.28	45.45	149.17
<b>Sub-Total ( Equipment)</b>					<b>Php 3,998.95</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	100mm x 100mm x 3.0mm x 6m Tubular (Post/ Roof Be	kg	1,115.88	42.78	47,740.33
	Acetylene	kg	12.27	300.00	3,682.40
	Oxygen	kg	24.55	300.00	7,364.80
	Welding Rod	kg	22.32	180.00	4,017.16
<b>Sub-Total ( Materials)</b>					<b>Php 62,804.69</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	<b>77,876.59</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>			12% of D.	9,345.19
<b>F.</b>	<b>Contractor's Profit</b>			10% of D.	7,787.66
<b>G.</b>	<b>Value Added Tax (VAT)</b>			5% of (D+E+F)	4,750.47
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	<b>99,759.91</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	<b>89.40</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:**

**Description:** 50mm x 75mm x 1.5mm x 6m Tubular (Frame Support)

Quantity: 815.65  
 Output per hour: 90.45  
 Unit: kg

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	9.02	154.84	1,396.31
	Skilled Laborer	2	9.02	112.01	2,020.15
	Unskilled Laborer	4	9.02	86.44	3,117.97
<b>Sub-Total (Labor)</b>					Php <b>6,534.43</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Welding Machine	2	9.02	391.00	7,051.87
<b>Sub-Total ( Equipment)</b>					Php <b>7,051.87</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	50mm x 75mm x 1.5mm x 6m Tubular (Purlins/ Frame S	kg	815.65	42.78	34,895.91
	Welding Rod	kg	16.31	180.00	2,936.35
<b>Sub-Total ( Materials)</b>					Php <b>37,832.27</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php <b>51,418.56</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				12% of D. <b>6,170.23</b>
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. <b>5,141.86</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) <b>3,136.53</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php <b>65,867.18</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php <b>80.75</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET

**Location :** DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:**

**Description:** 50mm x 75mm x 1.5mm x 6m C - Purlins

Quantity: 195.00  
 Output per hour: 12.00  
 Unit: m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16.25	154.84	2,516.15
	Skilled Laborer	1	16.25	112.01	1,820.16
	Unskilled Laborer	2	16.25	86.44	2,809.30
<b>Sub-Total (Labor)</b>					Php <b>7,145.61</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Welding Machine	1	16.25	391.00	6,353.75
<b>Sub-Total ( Equipment)</b>					Php <b>6,353.75</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	50mm x 75mm x 1.5mm x 6m C - Purlins	m	195.00	133.33	26,000.00
	Welding Rod	m	6.24	180.00	1,123.20
<b>Sub-Total ( Materials)</b>					Php <b>27,123.20</b>
D.	Direct Cost (A+B+C)				Php <b>40,622.56</b>
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D. <b>4,874.71</b>
F.	Contractor's Profit				10% of D. <b>4,062.26</b>
G.	Value Added Tax (VAT)				5% of (D+E+F) <b>2,477.98</b>
H.	Adjusted Total Cost (D+E+F+G)				Php <b>52,037.50</b>
I.	Adjusted Unit Cost ( H/Quantity)				Php <b>266.86</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 7 (e)

**Description:** Metal Structure Accessories (Steel Plates)

Quantity: 63.78  
Output per hour: 12.995  
Unit: kg

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.91	154.84	759.98
	Skilled Laborer	1	4.91	112.01	549.76
	Unskilled Laborer	1	4.91	86.44	424.26
<b>Sub-Total (Labor)</b>					Php <b>1,734.00</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php <b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Steel Plate 1.20m x 2.40m x 16mm thk	kg	63.78	41.14	2,623.70
<b>Sub-Total ( Materials)</b>					Php <b>2,623.70</b>
D.	<b>Direct Cost (A+B+C)</b>			Php	<b>4,357.69</b>
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	522.92
F.	Contractor's Profit			10% of D.	435.77
G.	Value Added Tax (VAT)			5% of (D+E+F)	265.82
H.	<b>Adjusted Total Cost (D+E+F+G)</b>			Php	<b>5,582.21</b>
I.	<b>Adjusted Unit Cost ( H/Quantity)</b>			Php	<b>87.52</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:**

**Description:** J-Bolt, M16 x 300mm, with nut & washer

Quantity: 52.00  
Output per hour: 3.75  
Unit: pc

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	13.87	154.84	2,147.11
	Skilled Laborer	1	13.87	112.01	1,553.21
	Unskilled Laborer	1	13.87	86.44	1,198.63
<b>Sub-Total (Labor)</b>					Php <b>4,898.95</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php <b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	J-Bolt, M16 x 300mm, with nut & washer	pc	52.00	500.00	26,000.00
<b>Sub-Total ( Materials)</b>					Php <b>26,000.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php <b>30,898.95</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				12% of D. <b>3,707.87</b>
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. <b>3,089.90</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) <b>1,884.84</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php <b>39,581.56</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php <b>761.18</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 7 (g)

**Description:** Metal Structure Accessories (Sag Rods)

Quantity: 6.00  
Output per hour: 1.50  
Unit: pc

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.00	154.84	619.36
	Skilled Laborer	1	4.00	112.01	448.04
	Unskilled Laborer	1	4.00	86.44	345.76
<b>Sub-Total (Labor)</b>					<b>Php 1,413.16</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					<b>Php -</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Metal Structure Accessories (Sag Rods)	pc	6.00	355.00	2,130.00
<b>Sub-Total ( Materials)</b>					<b>Php 2,130.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php 3,543.16</b>
<b>E.</b>	<b>Overhead, Contingencies and Miscellaneous (OCM)</b>				12% of D. 425.18
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. 354.32
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) 216.13
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php 4,538.79</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php 756.46</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 7 (h)

**Description:** Metal Structure Accessories (Turn Buckle)

Quantity: 8.00  
Output per hour: 2.00  
Unit : pc

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount		
	Construction Foreman	1	4.00	154.84	619.36		
	Skilled Laborer	1	4.00	112.01	448.04		
	Unskilled Laborer	1	4.00	86.44	345.76		
<b>Sub-Total (Labor)</b>					Php	<b>1,413.16</b>	
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount		
<b>Sub-Total ( Equipment)</b>						Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount		
	Turn Buckle 12 mmØ	pc	8.00	180.00	1,440.00		
<b>Sub-Total ( Materials)</b>					Php	<b>1,440.00</b>	
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php	<b>2,853.16</b>	
<b>E.</b>	<b>Overhead, Contingencies and Miscellaneous (OCM)</b>				12% of D.	342.38	
<b>F.</b>	<b>Contractor's Profit</b>				10% of D.	285.32	
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F)	174.04	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php	<b>3,654.90</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php	<b>456.86</b>	



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET

**Location :** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item :** 7 (I)

**Description :** Metal Structure Accessories (Cross Bracing)

Quantity: 13.80  
Output per hour: 2.00  
Unit: pc

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount	
	Fabrication					
	Construction Foreman	1	6.90	154.84	1,068.40	
	Skilled Laborer	1	6.90	112.01	772.87	
	Unskilled Laborer	1	6.90	86.44	596.44	
<b>Sub-Total (Labor)</b>					Php	<b>2,437.70</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount	
<b>Sub-Total ( Equipment)</b>					Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount	
	Plain Round Bar 10mmØ x 6m	pc	13.80	185.00	2,553.00	
<b>Sub-Total ( Materials)</b>					Php	<b>2,553.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			Php	<b>4,990.70</b>	
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>			12% of D.	598.88	
<b>F.</b>	<b>Contractor's Profit</b>			10% of D.	499.07	
<b>G.</b>	<b>Value Added Tax (VAT)</b>			5% of (D+E+F)	304.43	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			Php	<b>6,393.09</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			Php	<b>463.27</b>	

**DETAILED UNIT PRICE ANALYSIS**

**Project:** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:**

**Description:** 0.50mm thk (BMT) Pre-painted, Long span G.I. Roofing Sheets, (1.0m effective width)

**Quantity:** 135.00  
**Output per hour:** 2.076  
**Unit:** sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	65.03	154.84	10,069.08
	Skilled Laborer	1	65.03	112.01	7,283.89
	Unskilled Laborer	2	65.03	86.44	11,242.20
<b>Sub-Total (Labor)</b>					Php <b>28,595.16</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php <b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	0.50mm thk (BMT) Pre-painted, Long span G.I. Roofing Sheets, (1.0m effective width)	lm	135.00	480.00	64,800.00
	Double Bubble, Doubled Foiled Roofing Insulation, 10mm thk (1.0m x 50m per roll)	roll	2.70	3,500.00	9,450.00
	Teckscrew 2-1/2"	pc	1,013.00	0.90	911.70
	Roof Sealant	pc	8.00	500.00	4,000.00
<b>Sub-Total ( Materials)</b>					Php <b>79,161.70</b>
D.	<b>Direct Cost (A+B+C)</b>				Php <b>107,756.86</b>
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D. <b>12,930.82</b>
F.	Contractor's Profit				10% of D. <b>10,775.69</b>
G.	Value Added Tax (VAT)				5% of (D+E+F) <b>6,573.17</b>
H.	<b>Adjusted Total Cost (D+E+F+G)</b>				Php <b>138,036.54</b>
I.	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php <b>1,022.49</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project:** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM-WITH TOILET - -

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 8 (d)

**Description:** Fabricated Metal Roofing Accessory (Gutter)

**Quantity:** 15.00  
**Output per hour:** 11.80  
**Unit:** m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	1.27	154.84	196.83
	Skilled Laborer	1	1.27	112.01	142.39
	Unskilled Laborer	1	1.27	86.44	109.88
<b>Sub-Total (Labor)</b>					<b>Php 449.10</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					<b>Php -</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Gutter, GA 26 (0.61m x 2.44m) Pre-painted	m	15.00	505.00	7,575.00
	Gutter strap, GI Steel 25mm x 1mm	pc	45.00	150.00	6,750.00
	Blind Rivets	pc	240.00	1.00	240.00
<b>Sub-Total ( Materials)</b>					<b>Php 14,565.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php 15,014.10</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				<b>12% of D. 1,801.69</b>
<b>F.</b>	<b>Contractor's Profit</b>				<b>10% of D. 1,501.41</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				<b>5% of (D+E+F) 915.86</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php 19,233.06</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php 1,282.20</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** - - - - : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH-TOILET - - - -

**Location :** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:**

**Description:** C-purlins (Fascia)

Quantity: 96.00  
Output per hour: 12.00  
Unit: m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8.00	154.84	1,238.72
	Skilled Laborer	1	8.00	112.01	896.08
	Unskilled Laborer	2	8.00	86.44	1,383.04
<b>Sub-Total (Labor)</b>					Php <b>3,517.84</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Welding Machine	1	8.00	391.00	3,128.00
<b>Sub-Total ( Equipment)</b>					Php <b>3,128.00</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	50mm x 150mm x 1.5mm x 6.0m C-purlins (Fascia)	m	96.00	171.17	16,432.00
	50mm x 100mm x 1.5mm x 6.0m C-purlins (Fascia)	m	96.00	123.33	11,840.00
	Welding Rod	kg	9.56	180.00	1,721.09
<b>Sub-Total ( Materials)</b>					Php <b>29,993.09</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php <b>36,638.93</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				12% of D. <b>4,396.67</b>
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. <b>3,663.89</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) <b>2,234.97</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php <b>46,934.47</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php <b>488.90</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 11 (a)

**Description:** Waterline Works

Quantity: 1.00  
Output per hour: 1.00  
Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8	154.84	1,238.72
	Skilled Laborer	1	8	112.01	896.08
	Unskilled Laborer	2	8	86.44	1,383.04
<b>Sub-Total (Labor)</b>					Php <b>3,517.84</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php <b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Faucet, Hose Bibb, Brass 1/2"Ø	pc	3.00	220.00	660.00
	Gate Valve, 20mmØ	pc	2.00	415.00	830.00
	Gate Valve, 50mmØ	pc	1.00	1,570.00	1,570.00
	Check Valve, 20mmØ	pc	2.00	580.00	1,160.00
	CPVC Solvent Cement	can	2.00	150.00	300.00
	CPVC Pipe 20mmØ	pc	8.00	45.00	360.00
	CPVC Elbow 90° 20mmØ	pc	20.00	8.00	160.00
	CPVC Tee 20mmØ	pc	8.00	11.00	88.00
	CPVC End Cap 20mmØ	pc	10.00	6.00	60.00
	CPVC Reducer 50mm x 20mmØ	pc	1.00	99.00	99.00
	Teflon Tape	roll	10.00	15.00	150.00
<b>Sub-Total ( Materials)</b>					Php <b>5,437.00</b>
D.	<b>Direct Cost (A+B+C)</b>				Php <b>8,954.84</b>
E.	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				12% of D. <b>1,074.58</b>
F.	<b>Contractor's Profit</b>				10% of D. <b>895.48</b>
G.	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) <b>546.25</b>
H.	<b>Adjusted Total Cost (D+E+F+G)</b>				Php <b>11,471.15</b>
I.	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php <b>11,471.15</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project:** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:**

**Description:** Rainwater Harvesting System

Quantity: 1.00  
Output per hour: 1.00  
Unit: Is

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8	154.84	1,238.72
	Skilled Laborer	1	8	112.01	896.08
	Unskilled Laborer	2	8	86.44	1,383.04
<b>Sub-Total (Labor)</b>					Php <b>3,517.84</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php <b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Intermediate Bulk Container, 1000L	set	1.00	10,000.00	10,000.00
	PVC Sanitary Pipe 3"Ø x 3.0m	pc	2.00	612.00	1,224.00
	PVC Sanitary Elbow 90° x 3"Ø	pc	1.00	53.00	53.00
	PVC Cement	pc	2.00	150.00	300.00
	L 100 x 100 x 6.35mm	kg	36.60	65.00	2,379.00
	L 75 x 75 x 6.35mm	kg	108.00	65.00	7,020.00
	L 65 x 65 x 6.35mm	kg	45.60	65.00	2,964.00
	Welding Rod	kg	5.00	180.00	900.00
<b>Sub-Total ( Materials)</b>					Php <b>24,840.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php <b>28,357.84</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				12% of D. <b>3,402.94</b>
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. <b>2,835.78</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) <b>1,729.83</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php <b>36,326.39</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php <b>36,326.39</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (4) UNIT-- SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 12 (a)

**Description:** Sewer Line Works

Quantity: 1.00  
Output : 1.00  
Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8	154.84	1,238.72
	Skilled Laborer	1	8	112.01	896.08
	Unskilled Laborer	2	8	86.44	1,383.04
<b>Sub-Total (Labor)</b>					<b>Php 3,517.84</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					<b>Php -</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Intermediate bulk container (IBC), capacity 1,000L (1.0	set	1.00	10,750.00	10,750.00
	S.S. Floor Drain 4" x 4"	set	4.00	97.50	390.00
	Brass Cleanout 4" x 4"	pc	2.00	350.00	700.00
	Brass Cleanout 3" x 3"	pc	1.00	265.00	265.00
	PVC Pipe 50 mmØ x 3 m	pc	17.00	285.00	4,845.00
	PVC Pipe 75 mmØ x 3 m	pc	10.00	612.00	6,120.00
	PVC Pipe 100 mmØ x 3 m	pc	7.00	655.00	4,585.00
	PVC Wye 75mm	pc	6.00	81.00	486.00
	PVC Wye 75mm x 50mm	pc	4.00	207.50	830.00
	PVC Wye 100mm	pc	3.00	165.00	495.00
	PVC Wye 100mm x 50mm	pc	1.00	97.00	97.00
	PVC Elbow 45° 75mm	pc	1.00	39.50	39.50
	PVC Elbow 90° 50mm	pc	8.00	25.00	200.00
	PVC Elbow 90° 75mm	pc	3.00	53.00	159.00
	PVC P-Trap 75mm	pc	4.00	162.00	648.00

	PVC Tee 50mm	pc	13.00	36.00	468.00
	PVC Tee 75mm	pc	3.00	189.02	567.05
	PVC Tee 100mm	pc	2.00	138.00	276.00
	Roof Drain	pc	3.00	250.00	750.00
	PVC Pipe Clamp (50pcs/pack)	pack	1.00	65.00	65.00
<b>Sub-Total ( Materials)</b>				Php	<b>32,735.55</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			Php	<b>36,253.39</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>			12% of D.	4,350.41
<b>F.</b>	<b>Contractor's Profit</b>			10% of D.	3,625.34
<b>G.</b>	<b>Value Added Tax (VAT)</b>			5% of (D+E+F)	2,211.46
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			Php	<b>46,440.60</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			Php	46,440.60



**DETAILED UNIT PRICE ANALYSIS**

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE-(SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** Meralco Avenue, Pasig City

**Item:** 12 (b)

**Description:** Sanitary/ Plumbing Fixtures

**Quantity:** 1.00  
**Output :** 1.00  
**Unit:** Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8	154.84	1,238.72
	Skilled Laborer	1	8	112.01	896.08
	Unskilled Laborer	1	8	86.44	691.52
<b>Sub-Total (Labor)</b>					<b>Php 2,826.32</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					<b>Php -</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Water Closet 1.6gpf complete with Accessories (e.g. 3	set	3.00	5,500.00	16,500.00
	Urinal 0.8gpf 50mmØ outlet	set	1.00	5,900.00	5,900.00
	Lavatory, Pedestal Type complete with Accessories (e	set	1.00	4,500.00	4,500.00
	S.S. Sink complete with Accessories (e.g. faucet, strai	set	2.00	3,340.00	6,680.00
	S.S. Grab Rail 1-1/2"Ø	set	1.00	5,000.00	5,000.00
<b>Sub-Total ( Materials)</b>					<b>Php 38,580.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	<b>41,406.32</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>			<b>12% of D.</b>	<b>4,968.76</b>
<b>F.</b>	<b>Contractor's Profit</b>			<b>10% of D.</b>	<b>4,140.63</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>			<b>5% of (D+E+F)</b>	<b>2,525.79</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	<b>53,041.50</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	<b>53,041.50</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** Meralco Avenue, Pasig City

**Item:** 12 (c)

**Description:** Three Chamber Septic Vault

**Quantity:** 1.00

**Output :** 1.00

**Unit:** Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8	154.84	1,238.72
	Skilled Laborer	2	8	112.01	1,792.16
	Unskilled Laborer	4	8	86.44	2,766.08
<b>Sub-Total (Labor)</b>					<b>Php 5,796.96</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					<b>Php -</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Fiberglass Reinforced Polyester (FRP) Septic Tank (1000L Capacity)	set	1.00	15,010.00	15,010.00
<b>Sub-Total ( Materials)</b>					<b>Php 15,010.00</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php 20,806.96</b>
<b>E.</b>	<b>Overhead, Contingencies and Miscellaneous (OCM)</b>				<b>12% of D. 2,496.84</b>
<b>F.</b>	<b>Contractor's Profit</b>				<b>10% of D. 2,080.70</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				<b>5% of (D+E+F) 1,269.22</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php 26,653.72</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php 26,653.72</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 10 (a)

**Description:** Conduit, Boxes and Fitting

**Quantity:** 1.00  
**Output:** 1.00  
**Unit:** Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8	154.84	1,238.72
	Skilled Laborer	2	8	112.01	1,792.16
	Unskilled Laborer	4	8	86.44	2,766.08
<b>Sub-Total (Labor)</b>					<b>5,796.96</b>

B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					<b>-</b>

C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Electrical Conduit uPVC, 20mmØ	pc	48.00	140.00	6,720.00
	RSC 25mmØ	pc	5.00	655.00	3,275.00
	Saddle Clamps, 25mmØ, galvanized	pc	4.00	5.00	20.00
	PVC Male Adapter with Locknuts	pc	20.00	15.00	300.00
	RSC Adapter, Locknuts w/ Bushing 50mmØ	pc	20.00	30.00	600.00
	Connector, Compression, #6 - #4 ACSR Run To 06 - #	pc	1.00	55.00	55.00
	Entrance Cap 25mm dia.	pc	1.00	70.00	70.00
	Junction Box, 4" x 4" G.I.	pc	14.00	80.00	1,120.00
	Utility Box, 2" x 4" G.I.	pc	13.00	80.00	1,040.00
	PVC Cement	can	5.00	150.00	750.00
<b>Sub-Total ( Materials)</b>					<b>13,950.00</b>

<b>D.</b>	<b>Direct Cost (A+B+C)</b>	<b>Php</b>	<b>19,746.96</b>
E.	Overhead,Contingencies and Miscellaneous (OCM)	12% of D.	2,369.64
F.	Contractor's Profit	10% of D.	1,974.70
G.	Value Added Tax (VAT)	5% of (D+E+F)	1,204.56
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>	<b>Php</b>	<b>25,295.86</b>
I.	Adjusted Unit Cost ( H/Quantity)	Php	25,295.86



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT- SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 10 (b)

**Description:** Wires and Wiring Devices

Quantity: 1.00

Output: 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8	154.84	1,238.72
	Skilled Laborer	2	8	112.01	1,792.16
	Unskilled Laborer	4	8	86.44	2,766.08
<b>Sub-Total (Labor)</b>					Php <b>5,796.96</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php <b>-</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	215.09	40.00	8,603.52
	8.0 mm <sup>2</sup> THHN Wire, Stranded	m	55.00	75.00	4,125.00
	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	22.50	50.00	1,125.00
	Electrical Tape	pc	10.00	37.50	375.00
	Rubber Tape	pc	1.00	130.00	130.00
	Terminal lugs Crimp Type, 8.0mm Dia	pc	4.00	350.00	1,400.00

	<b>Sub-Total ( Materials)</b>	Php	<b>15,758.52</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>	Php	<b>21,555.48</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>	12% of D.	2,586.66
<b>F.</b>	<b>Contractor's Profit</b>	10% of D.	2,155.55
<b>G.</b>	<b>Value Added Tax (VAT)</b>	5% of (D+E+F)	1,314.88
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>	Php	<b>27,612.57</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>	Php	<b>27,612.57</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 10 (c)

**Description:** Lighting Fixtures/ Fixtures

Quantity: 1.00

Output: 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8	154.84	1,238.72
	Skilled Laborer	1	8	112.01	896.08
	Unskilled Laborer	2	8	86.44	1,383.04

**Sub-Total (Labor)**

Php

**3,517.84**

B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount

**Sub-Total ( Equipment)**

Php

-

C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	6.00	263.80	1,582.80
	2 Gang Wall Switches in One Switch Plate (10 AMP, 230V)	set	1.00	160.00	160.00
	1 Gang Wall Switches in One Switch Plate (10 AMP, 230V)	set	4.00	105.00	420.00
	2 - 28W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type)	set	6.00	2,600.00	15,600.00
	1 -18W, 230V, 60Hz AC, Compact Fluorescent Lighting Fixture with Medium Base Keyless Type	set	4.00	490.00	1,960.00
	Wall Fan, 75W, 230V, 60Hz	set	2.00	1,500.00	3,000.00

	Ceiling Fan, 75W, 230V, 60Hz	set	4.00	2,100.00	8,400.00
<b>Sub-Total ( Materials)</b>				Php	<b>31,122.80</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			Php	<b>34,640.64</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>			12% of D.	4,156.88
<b>F.</b>	<b>Contractor's Profit</b>			10% of D.	3,464.06
<b>G.</b>	<b>Value Added Tax (VAT)</b>			5% of (D+E+F)	2,113.08
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			Php	<b>44,374.66</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			Php	<b>44,374.66</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 10 (d)

**Description:** Panel Board and Cabinets

**Quantity:** 1.00

**Output:** 1.00

**Unit:** Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8	154.84	1,238.72
	Skilled Laborer	1	8	112.01	896.08
	Unskilled Laborer	2	8	86.44	1,383.04
<b>Sub-Total (Labor)</b>					<b>3,517.84</b>
					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					
					-
					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	<b>Panel Box, Circuit Breaker and Grounding System</b>				
	Panel Box, Flush Type, 4 Branches w/ Center Main, grounding bus bar, lugs	pc	1.00	1,300.00	3,500.00
	Circuit Breaker, 20A 2P, Bolt-on	set	4.00	550.00	1,380.00
	Circuit Breaker, 50A 2P, Bolt-on	set	1.00	775.00	345.00
	<b>Grounding System</b>				
	Grounding Rod, 2.4m x 16mm dia.	pc	1.00	150.00	150.00
<b>Sub-Total ( Materials)</b>					<b>5,375.00</b>
					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>8,892.84</b>
					Php
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				<b>1,067.14</b>
					12% of D.
<b>F.</b>	<b>Contractor's Profit</b>				<b>889.28</b>
					10% of D.

G.	Value Added Tax (VAT)	5% of (D+E+F)	542.46
H.	Adjusted Total Cost (D+E+F+G)	Php	11,391.73
I.	Adjusted Unit Cost ( H/Quantity)	Php	11,391.73



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 9 (g)

**Description:** Gypsum Board on Metal Frame Ceiling

Quantity: 108.97  
Output per hour: 1.34  
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	81.32	154.84	12,591.73
	Skilled Laborer	1	81.32	112.01	9,108.75
	Unskilled Laborer	2	81.32	86.44	14,058.76
<b>Sub-Total (Labor)</b>					Php 35,759.24
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Gypsum Board	pc	37.84	512.23	19,381.15
	Wall Angle, GA 24 (1" x 1" x 10', 0.6mm Thick)	pc	7.00	95.00	664.53
	Double Furring, Metal (3/4" x 2" x 16', 0.5mm Thick)	pc	56.21	135.00	7,587.94
	Carrying Channel (1" x 2" x 16', 1mm Thick)	pc	18.43	180.00	3,317.46
	W-Clip (0.5mm Thick)	pc	210.00	12.00	2,520.00
	Rod Suspension Hanger with Adjustment Spring	pc	70.00	65.00	4,550.00
	Black screw	pc	1,402.99	1.00	1,402.99
	Blind Rivets	pc	199.50	2.00	399.00
<b>Sub-Total ( Materials)</b>					Php 39,823.06
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php 75,582.30
<b>E.</b>	<b>Overhead, Contingencies and Miscellaneous (OCM)</b>				12% of D. 9,069.88
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. 7,558.23
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) 4,610.52
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php 96,820.92
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php 888.51



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location :** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 9 (I)

**Description:** Blackboard

Quantity: 5.76  
Output per hour: 0.776  
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	7	154.84	1,149.33
	Skilled Laborer	1	7	112.01	831.41
	Unskilled Laborer	2	7	86.44	1,283.23
<b>Sub-Total (Labor)</b>					Php <b>3,263.98</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					
					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	S4S Lumber, Kiln Dried, Tanguile	bd.ft	36.58	90.00	3,291.84
	Lawanit, 1/4" thk	pc	1.94	280.00	543.03
	Finishing Nails	kg	0.11	80.00	8.62
	CWN, Assorted	kg	0.66	90.00	59.25
	Concrete Nails	kg	0.11	80.00	8.62
<b>Sub-Total ( Materials)</b>					Php <b>3,911.36</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				Php <b>7,175.34</b>
<b>E.</b>	<b>Overhead,Contingencies and Miscellaneous (OCM)</b>				12% of D. <b>861.04</b>
<b>F.</b>	<b>Contractor's Profit</b>				10% of D. <b>717.53</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>				5% of (D+E+F) <b>437.70</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				Php <b>9,191.61</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				Php <b>1,595.77</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET -  
 (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:**

**Description:** Pre-painted 75mm Polyurethane (PU) Sandwich Panel

**Quantity:** 89.69  
**Output per hour:** 6.00  
**Unit:** lm

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	14.95	154.84	2,314.73
	Skilled Laborer	4	14.95	112.01	6,697.82
	Unskilled Laborer	4	14.95	86.44	5,168.82
<b>Sub-Total (Labor)</b>					<b>Php 14,181.36</b>
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total (Equipment)</b>					<b>Php -</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Pre-painted 75mm Polyurethane (PU) Sandwich Panel	lm	89.69	2,487.00	223,071.20
	75mm PPGI Base Channel x 0.230m x 2.44m x 0.50mm	pc	87.99	240.00	21,118.03
	Polyurethane (PU) Sandwich Panel Screw	pc	304.00	10.00	3,040.00
	Multi Purpose Sealant 300ml Tube	pc	32.00	350.00	11,200.00
<b>Sub-Total (Materials)</b>					<b>Php 258,429.23</b>
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	<b>272,610.59</b>
<b>E.</b>	<b>Overhead, Contingencies and Miscellaneous (OCM)</b>			<b>12% of D.</b>	<b>32,713.27</b>
<b>F.</b>	<b>Contractor's Profit</b>			<b>10% of D.</b>	<b>27,261.06</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>			<b>5% of (D+E+F)</b>	<b>16,629.25</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	<b>349,214.17</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	<b>3,893.36</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project:** : PROPOSED CONSTRUCTION OF ONE (1)-UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 13 (b)

**Description:**            
**Wooden Painting**

Quantity: 118.00  
 Output per hour: 1.89  
 Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	41.21	154.84	6,380.39
	Skilled Laborer	2	41.21	112.01	9,231.05
	Unskilled Laborer	1	41.21	86.44	3,561.88
<b>Sub-Total (Labor)</b>					<b>19,173.31</b>
					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					
					-
					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Enamel, Flatwall	gal	4.72	850.00	4,012.00
	Enamel, Quick Dry	gal	4.72	850.00	4,012.00
	Glazing Putty	gal	5.90	750.00	4,425.00
	Paint Thinner	gal	7.79	450.00	3,507.27
	Green (school blackboard paint)	gal	0.29	850.00	244.80
<b>Sub-Total ( Materials)</b>					<b>16,201.07</b>
					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>35,374.38</b>
					Php
<b>E.</b>	<b>Overhead, Contingencies and Miscellaneous (OCM)</b>	12% of D.			<b>4,244.93</b>
<b>F.</b>	<b>Contractor's Profit</b>	10% of D.			<b>3,537.44</b>
<b>G.</b>	<b>Value Added Tax (VAT)</b>	5% of (D+E+F)			<b>2,157.84</b>
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>45,314.58</b>
					Php
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>384.02</b>
					Php



**DETAILED UNIT PRICE ANALYSIS**

**Project :** : PROPOSED CONSTRUCTION OF ONE (1) UNIT - SLAB ON GRADE (SOG) CLASSROOM WITH TOILET (12.82m x 8.50m) - LEARNING CONTINUITY SPACE (LCS) SCHOOL BUILDING DESIGN

**Location:** : DOÑA REMEDIOS TRINIDAD, BULACAN

**Item:** 13 (c)

**Description:** Metal Painting

Quantity: 287.73  
 Output per hour: 2.00  
 Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount	
	Construction Foreman	1	72	154.84	11,137.92	
	Skilled Laborer	2	72	112.01	16,114.16	
	Unskilled Laborer	1	72	86.44	6,217.78	
<b>Sub-Total (Labor)</b>					<b>Php 33,469.87</b>	
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount	
<b>Sub-Total ( Equipment)</b>						<b>Php -</b>
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount	
	Primer, Zinc Chromate	gal	11.51	850.00	9,782.72	
	Enamel Paint	gal	28.77	728.00	20,946.54	
	Paint Thinner	gal	19.00	450.00	8,552.00	
	Paint Brush	pcs	10.00	90.00	900.00	
<b>Sub-Total ( Materials)</b>					<b>Php 40,181.26</b>	
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php 73,651.13</b>	
<b>E.</b>	<b>Overhead, Contingencies and Miscellaneous (OCM)</b>				<b>12% of D. 8,838.14</b>	
<b>F.</b>	<b>Contractor's Profit</b>				<b>10% of D. 7,365.11</b>	
<b>G.</b>	<b>Value Added Tax (VAT)</b>				<b>5% of (D+E+F) 4,492.72</b>	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php 94,347.10</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php 327.90</b>	

REPUBLIC OF THE PHILIPPINES



DETAILED ARCHITECTURAL AND  
ENGINEERING (DAED) PLANS

**PROPOSED BEFF - LEARNING  
CONTINUITY SPACE (LCS)  
SLAB ON GRADE (SOG)**

RECOMMENDING APPROVAL:

MICHAEL OLIVER M. DE GUZMAN

DIRECTOR III  
DEPED, EFD-HRODI

APPROVED BY:

AURELIO PAULO R. BARTOLOME

ASSISTANT SECRETARY  
DEPED, HUMAN RESOURCE AND ORGANIZATIONAL  
DEVELOPMENT AND INFRASTRUCTURE

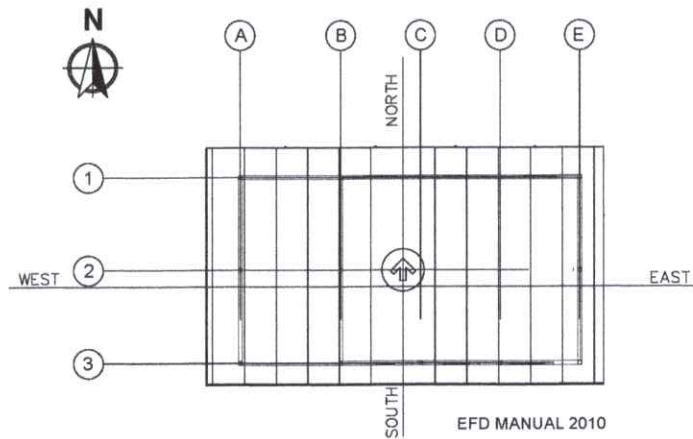
APPROVED BY:

WILFREDO E. CABRAL

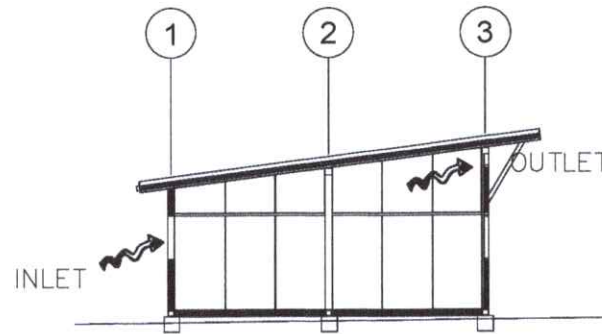
UNDERSECRETARY  
DEPED, HUMAN RESOURCE AND ORGANIZATIONAL  
DEVELOPMENT AND INFRASTRUCTURE



1 PERSPECTIVE  
A-1 SCALE NTS



PROPER SITE ORIENTATION



NATURAL VENTILATION  
GENERAL DESIGN PRINCIPLE

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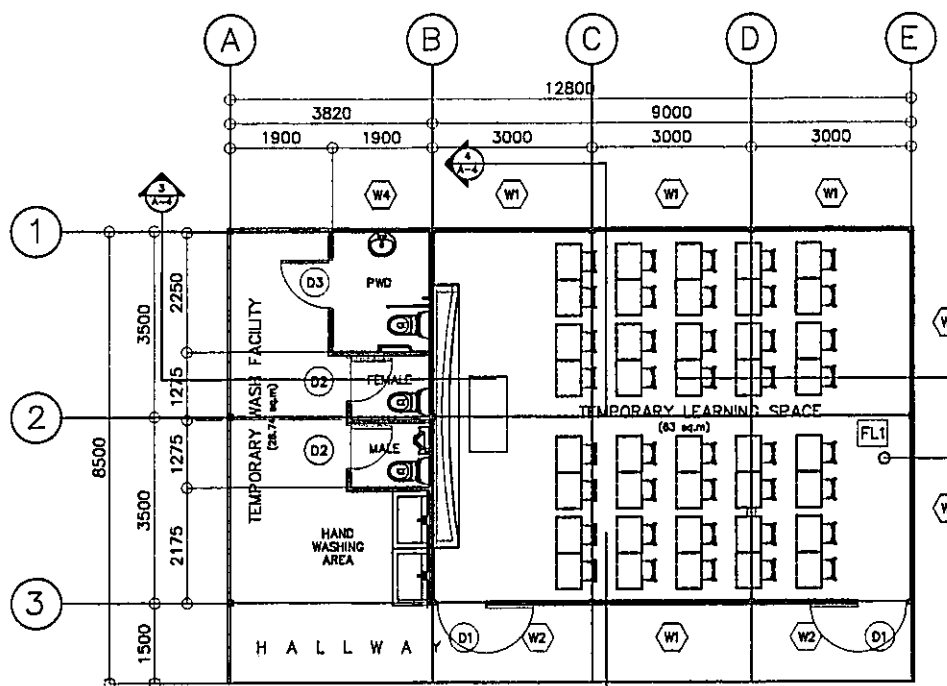
#### P-1

WATERLINE LAYOUT  
SANITARY LINE LAYOUT  
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STORAGE TANK DETAIL

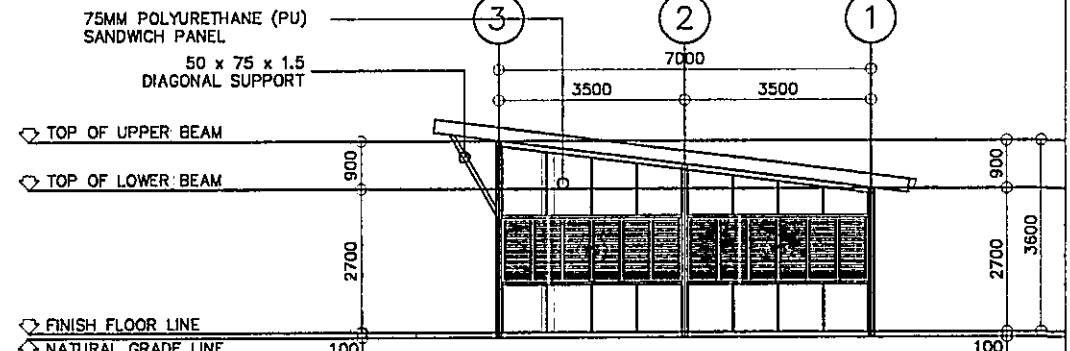
#### P-2

DRAINAGE LINE LAYOUT  
ISOMETRIC DIAGRAM WATER LINE,  
SANITARY & DRAINAGE LINE  
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RAIN WATER HARVESTING  
SYSTEM DIAGRAM

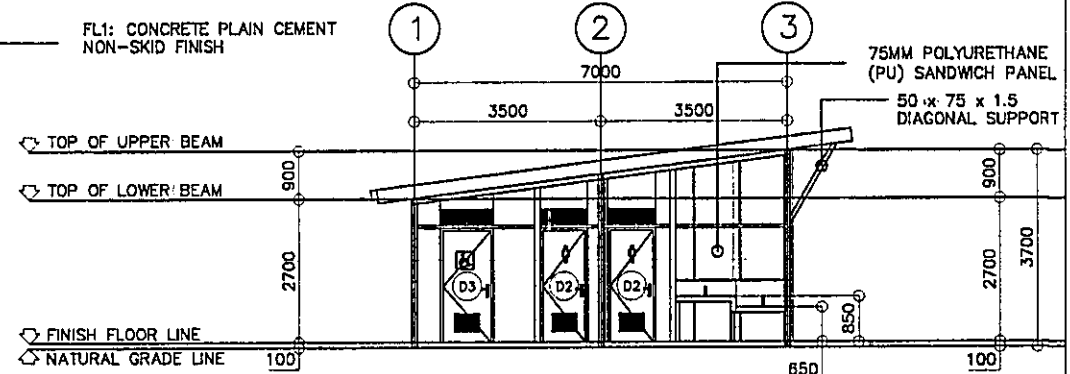
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	DRAWN BY: <b>CAMILLE ANN C. RAPOSA</b> ARCHITECT DepED, EFD-18001	CHECKED BY: <b>FELIX F. VILLANUEVA, JR.</b> ARCHITECT DepED, EFD-18001	RECOMMENDING APPROVAL: <b>MICHAEL OLIVER M. DE GUZMAN</b> DIRECTOR II DepED, EFD-18001	APPROVED BY: <b>AURELIO PAULO R. BARTOLOME</b> ASSISTANT SECRETARY DEPED, HUMAN RESOURCE AND ORGANIZATIONAL DEVELOPMENT AND INFRASTRUCTURE	APPROVED BY: <b>WILFREDO E. CABRAL</b> UNDERSECRETARY DEPED, HUMAN RESOURCE AND ORGANIZATIONAL DEVELOPMENT AND INFRASTRUCTURE	PROJECT TITLE: <b>PROPOSED BEFF - LEARNING CONTINUITY SPACE (LCS) SLAB ON GRADE (SOG)</b>	PROJECT CODE: 	OWNER: <b>DEPARTMENT OF EDUCATION DepED</b>	SHEET NO.: <b>A-1</b> 4
	SHEET CONTENTS: - PERSPECTIVE - TABLE OF CONTENTS - GENERAL NOTES								



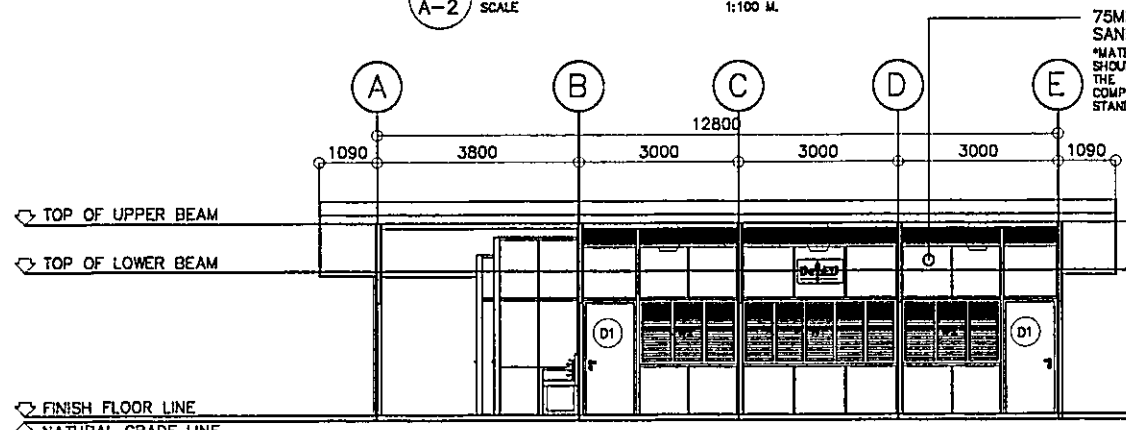
**2 GROUND FLOOR PLAN**  
A-2 SCALE 1:100 M.



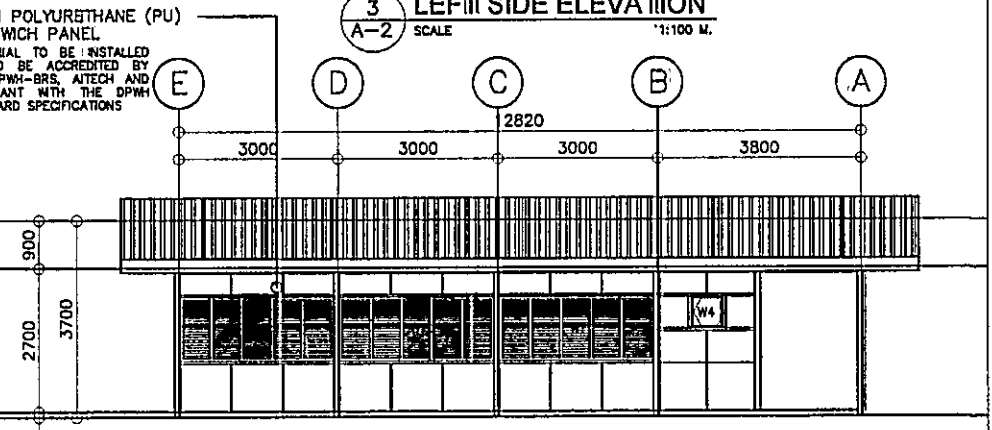
**1 RIGHT SIDE ELEVATION**  
A-2 SCALE 1:100 M.



**3 LEFT SIDE ELEVATION**  
A-2 SCALE 1:100 M.

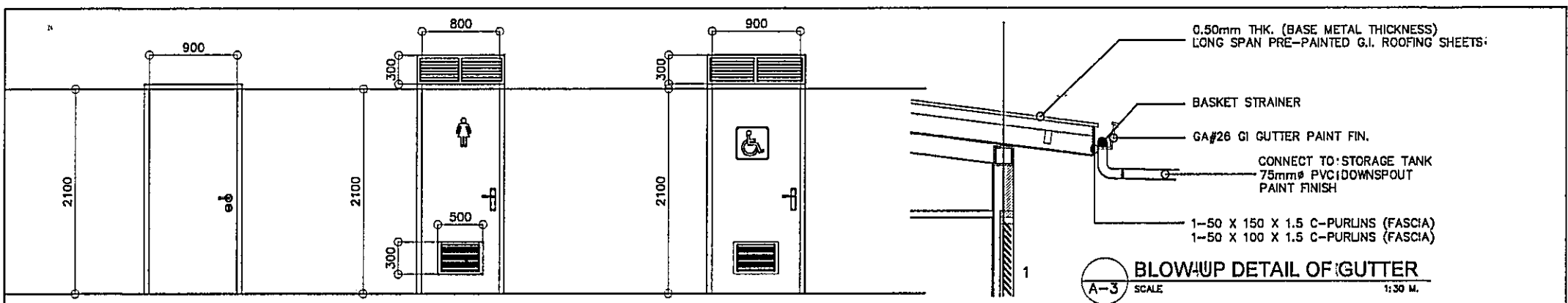


**4 FRONT ELEVATION**  
A-2 SCALE 1:100 M.

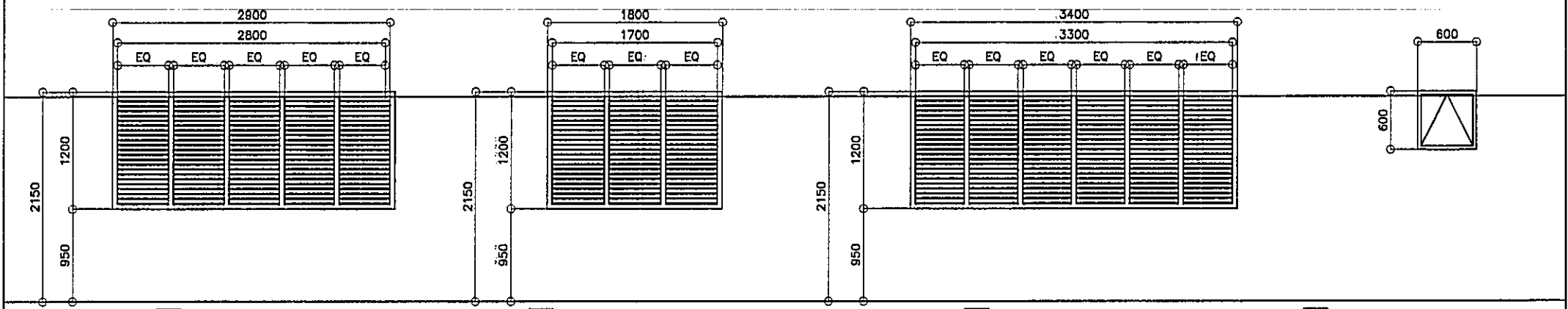
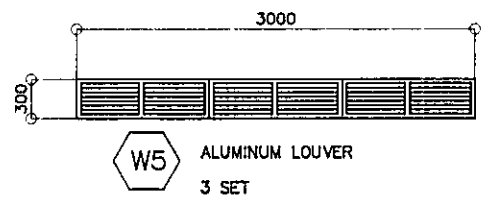


**5 REAR ELEVATION**  
A-2 SCALE 1:100 M.

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION 3000 ALABANG AVENUE, PASIG CITY</p>	DRAWN BY: <b>CAMILLE ANN C. RAPOSA</b> ARCHITECT DepED, 070-1000	CHECKED BY: <b>FELIX F. VILLANUEVA, JR.</b> ARCHITECT DepED, 070-1000	RECOMMENDING APPROVAL: <b>MICHAEL OLIVER M. DE GUZMAN</b> DIRECTOR II DepED, 070-1000	APPROVED BY: <b>AURELIO PAULO R. BARTOLOME</b> ASSISTANT SECRETARY SUPER. TRAIN. RESEARCH AND TECHNICAL DEVELOPMENT AND INFRASTRUCTURE	APPROVED BY: <b>WILFREDO E. CERRAL</b> UNDERSECRETARY SUPER. TRAIN. RESEARCH AND TECHNICAL DEVELOPMENT AND INFRASTRUCTURE	PROJECT TITLE: <b>PROPOSED BEFF - LEARNING CONTINUITY SPACE (LCS) BLAB ON GRADE (BGG)</b>	PROJECT CODE: 	OWNER: <b>DEPARTMENT OF EDUCATION DepED</b>	SHEET NO.: <b>A-2</b> 4
	SHEET CONTAINS: GENERAL ARRANGEMENT FLOOR PLAN SECTION ELEVATION AND FINISH								



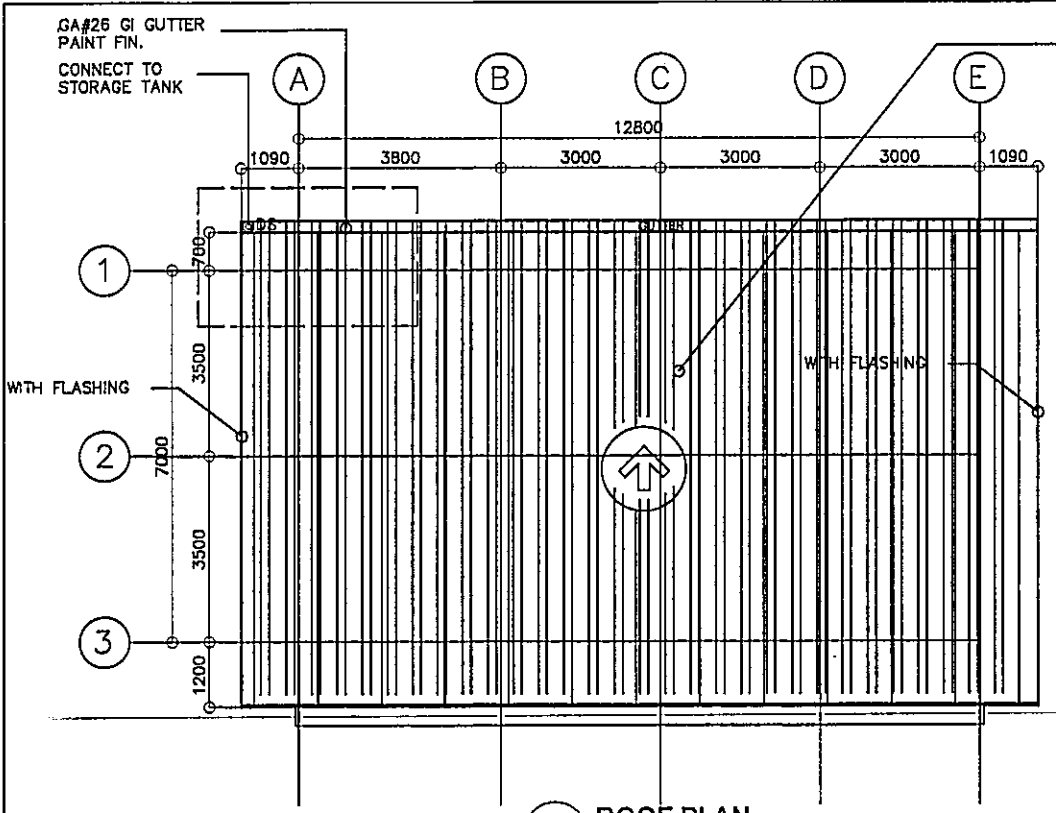
- D1** LOCATION: CLASSROOM  
HOLLOW CORE FLUSH TYPE W/  
COMPLETE HARDWARE AND  
ACCESSORIES  
2 SETS
- D2** LOCATION: MALE &  
FEMALE TOILET  
HOLLOW CORE FLUSH TYPE W/  
COMPLETE HARDWARE,  
ACCESSORIES AND FIXED  
ALUMINUM LOUVER  
2 SETS
- D3** LOCATION: PWD  
TOILET  
HOLLOW CORE FLUSH TYPE W/  
COMPLETE HARDWARE,  
ACCESSORIES AND FIXED  
ALUMINUM LOUVER  
1 SET



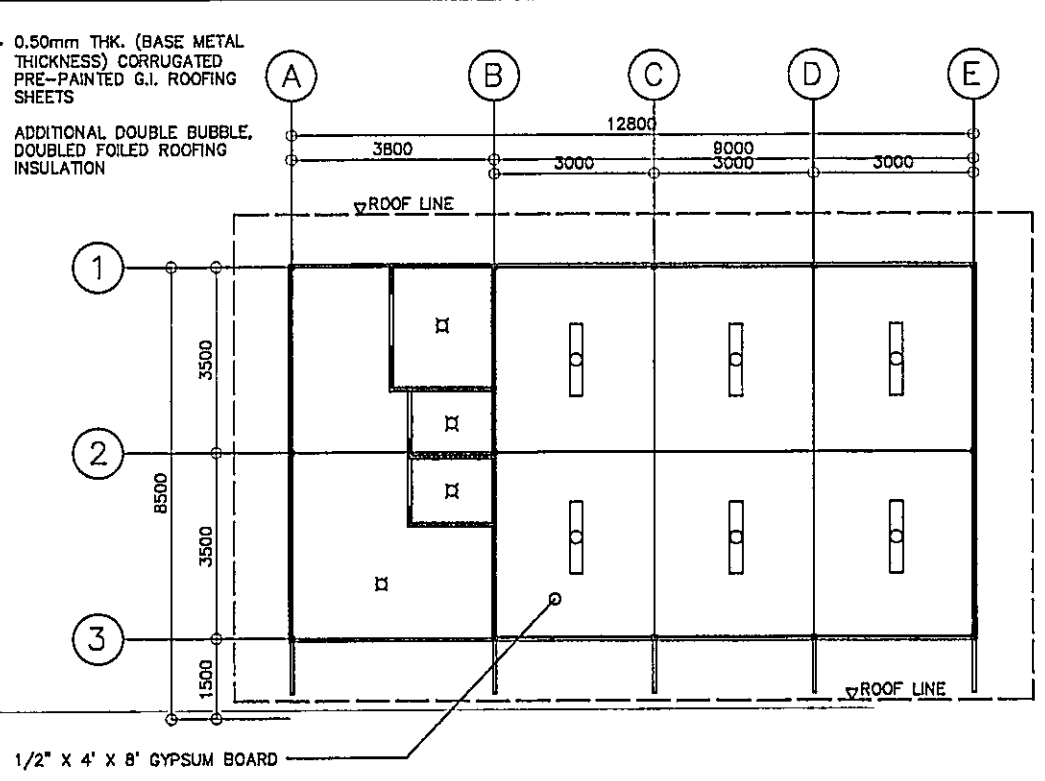
- W1** LOCATION: FRONT &  
REAR ELEVATION  
5mm THICK JALOUSIE WINDOWS WITH  
CLEAR GLASS BLADES ON STANDARD  
JALOUPLUS CASING WITH COMPLETE  
HARDWARE AND ACCESSORIES  
4 SETS
- W2** LOCATION: FRONT  
ELEVATION  
5mm THICK JALOUSIE WINDOWS WITH  
CLEAR GLASS BLADES ON STANDARD  
JALOUPLUS CASING WITH COMPLETE  
HARDWARE AND ACCESSORIES  
2 SETS
- W3** LOCATION: RIGHT SIDE  
ELEVATION  
5mm THICK JALOUSIE WINDOWS WITH  
CLEAR GLASS BLADES ON STANDARD  
JALOUPLUS CASING WITH COMPLETE  
HARDWARE AND ACCESSORIES  
2 SETS
- W4** LOCATION: PWD TOILET  
6mm THICK AWNING WINDOW (CLEAR  
GLASS BLADES ON STEEL/JAMI  
FRAMING WITH COMPLETE HARDWARE  
AND ACCESSORIES  
1 SET

**2 SCHEDULE OF DOORS AND WINDOWS**  
SCALE 1:40 M.

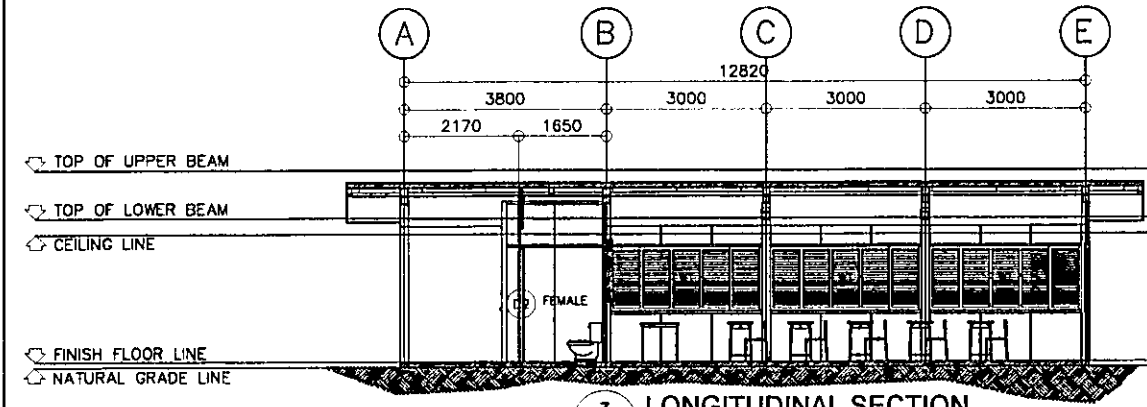
<p>DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PALO CITY</p>	DRAWN BY: <b>CAMILLE ANN C. RAPOSA</b> ARCHITECT DepED, 870-1800	CHECKED BY: <b>FELIX F. VILLANUEVA, JR.</b> PROJECT DepED, 870-1800	REVISIONS APPROVAL:  (SEE COVER PAGE)	APPROVED BY: <b>MICHAEL OLIVER M. DE GUZMAN</b> DIRECTOR II DepED, 870-1800	APPROVED BY: <b>AURELIO PAUL R. BARTOLOME</b> ASSISTANT SECRETARY OFFICE, PLANNING, RESEARCH AND CONSTRUCTION, DEVELOPMENT AND INFRASTRUCTURE	APPROVED BY: <b>WILFREDO E. CERRAL</b> UNDERSECRETARY OFFICE, PLANNING RESEARCH AND CONSTRUCTION, DEVELOPMENT AND INFRASTRUCTURE	PROJECT TITLE: <b>PROPOSED BEFF - LEARNING CONTINUITY SPACE (LCS) SLAB ON GRADE (SOG)</b>	PROJECT CODE: 	SHEET NO.: <b>4</b>
	DEPARTMENT OF EDUCATION DepED SHEET CONTENTS: - BLOW-UP DETAIL OF GUTTER - SCHEDULE OF DOORS AND WINDOWS								



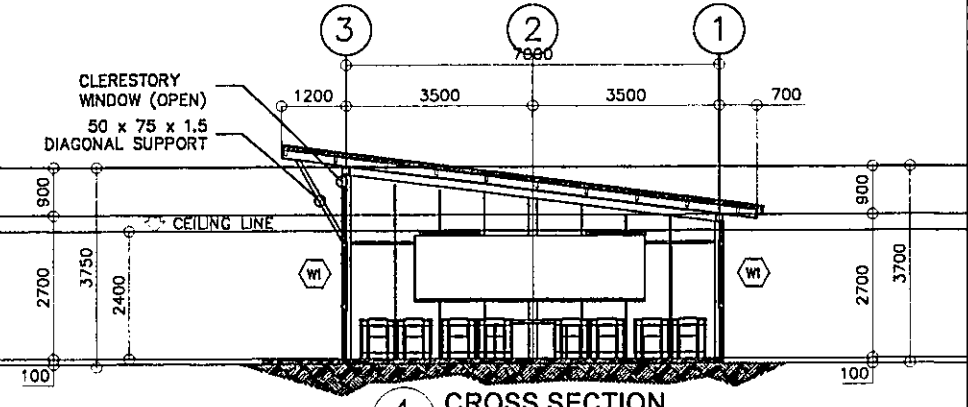
**1 ROOF PLAN**  
A-4 SCALE 1:100 M.



**2 REFLECTED CEILING PLAN**  
A-4 SCALE 1:100 M.



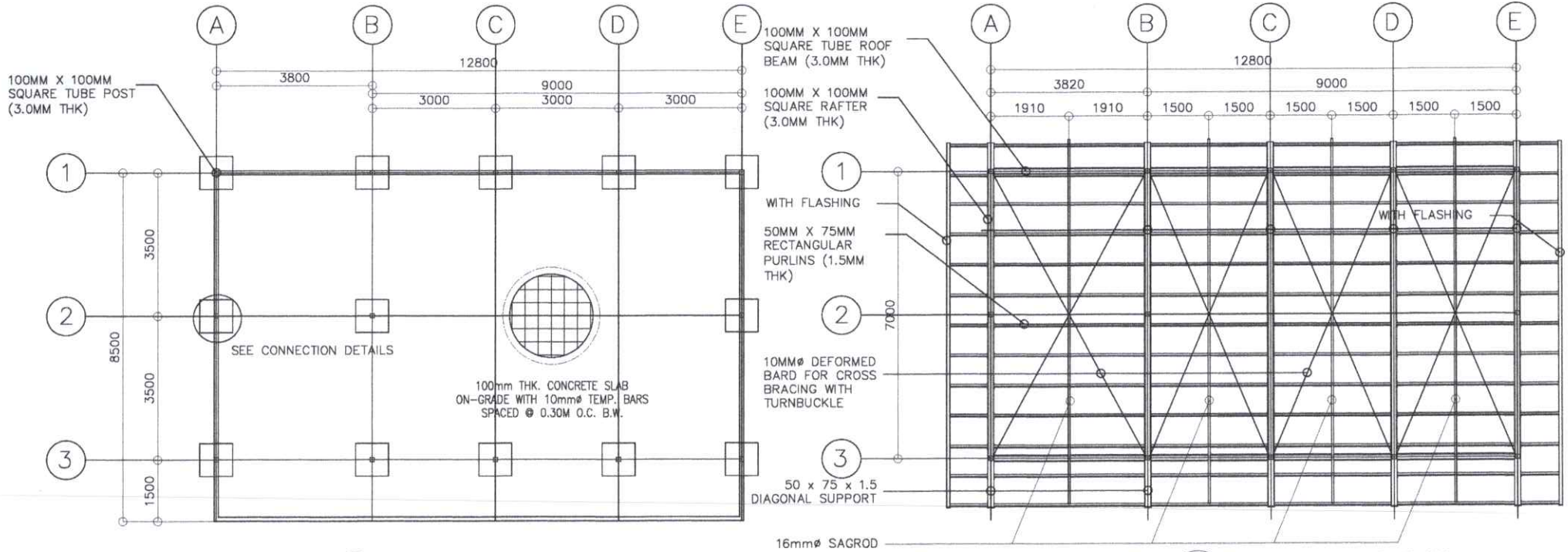
**3 LONGITUDINAL SECTION**  
A-4 SCALE 1:100 M.



**4 CROSS SECTION**  
A-4 SCALE 1:100 M.

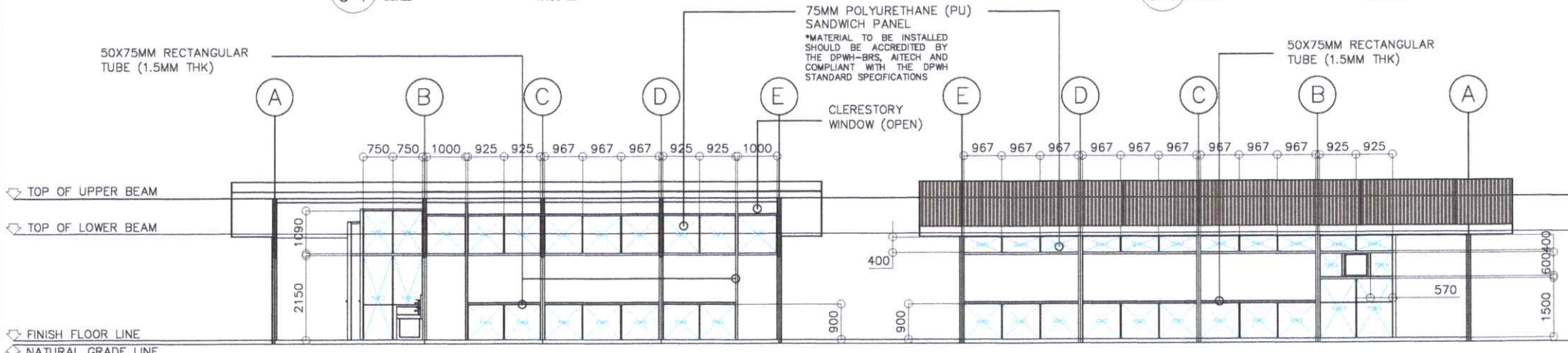
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MEDIALCO AVENUE, PASIG CITY	DRAWN BY: <b>CHARLIE ANN C. RAPOSA</b> ARCHITECT DepED, 870-1902	CHECKED BY: <b>FELIX F. VILLANUEVA, JR.</b> PROJECT DepED, 870-1902	RECOMMENDING APPROVAL: (SEE COVER PAGE) <b>MICHAEL OLIVER M. DE GUZMAN</b> DIRECTOR II DepED, 870-1902	APPROVED BY: (SEE COVER PAGE) <b>AURELIO PAOLO R. BARTOLOME</b> ASSISTANT SECRETARY OFFICE PLANNING, RESEARCH AND OPERATIONAL DEVELOPMENT AND INFRASTRUCTURE	APPROVED BY: (SEE COVER PAGE) <b>WILFREDO E. CARMIL</b> UNDERSECRETARY OFFICE PLANNING, RESEARCH AND OPERATIONAL DEVELOPMENT AND INFRASTRUCTURE	PROJECT TITLE: <b>PROPOSED BEFF - LEARNING          CONTINUITY SPACE (LCS)          SLAB ON GRADE (SOG)</b>	PROJECT CODE:  	OFFICE: <b>DEPARTMENT OF EDUCATION          DepED</b>	SHEET NO. <b>A-4          4</b>
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SHEET CONTENTS:  
 • ROOF PLAN  
 • REFLECTED CEILING PLAN  
 • LONGITUDINAL SECTION  
 • CROSS SECTION



**1 FOUNDATION PLAN**  
S-1 SCALE 1:100 M.

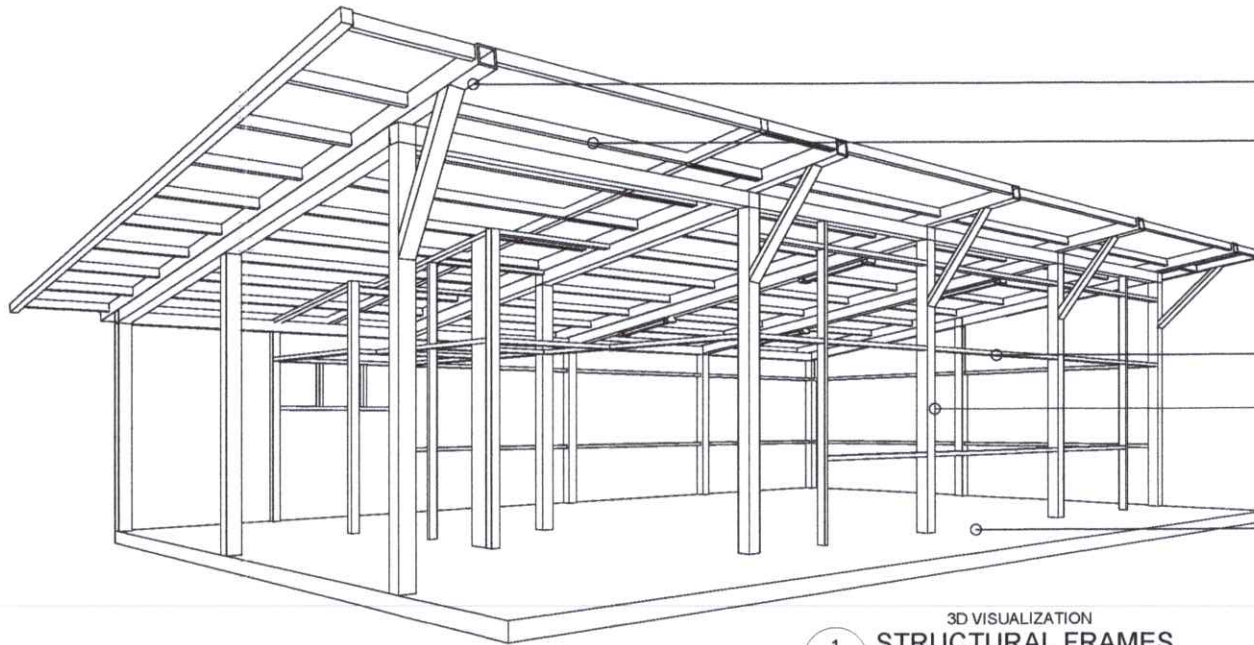
**2 ROOF FRAMING PLAN**  
S-1 SCALE 1:100 M.



**3 FRONT WALL SCHEDULE**  
S-1 SCALE 1:100 M.

**4 REAR WALL SCHEDULE**  
S-1 SCALE 1:100 M.

<p>REPUBLIC OF THE PHILIPPINES <b>DepED</b> DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MELALCO AVENUE, PASIG CITY</p>	DRAWN BY: <b>JUNELSON P. CULLADO</b> <small>CAD OPERATOR DepED, EPD-HROD</small>	CHECKED BY: <b>WILFREDO D. ALARCON</b> <small>STRUCTURAL ENGINEER DepED, EPD-HROD</small>	RECOMMENDING APPROVAL: <small>(SEE COVER PAGE)</small> <b>MICHAEL OLIVER M. DE GUZMAN</b> <small>DIRECTOR II DepED, EPD-HROD</small>	APPROVED BY: <small>(SEE COVER PAGE)</small> <b>AURELIO PAULO R. BARTOLOME</b> <small>ASSISTANT SECRETARY DEPED, HUMAN RESOURCE AND ORGANIZATIONAL DEVELOPMENT AND INFRASTRUCTURE</small>	APPROVED BY: <small>(SEE COVER PAGE)</small> <b>WILFREDO E. CABRAL</b> <small>UNDERSECRETARY DEPED, HUMAN RESOURCE AND ORGANIZATIONAL DEVELOPMENT AND INFRASTRUCTURE</small>	PROJECT TITLE: <b>PROPOSED BEFF - LEARNING CONTINUITY SPACE (LCS) SLAB ON GRADE (SOG)</b>	PROJECT CODE: 	OWNER: <b>DEPARTMENT OF EDUCATION DepED</b>	SHEET NO. <b>S-1</b> <b>3</b>
	SHEET CONTENTS: - FOUNDATION PLAN - ROOF PLAN - FRONT WALL SCHEDULE - REAR WALL SCHEDULE								



100MM X 100MM  
SQUARE TUBE ROOF  
BEAM (3.0MM THK)

50MM X 75MM  
RECTANGULAR  
PURLINS (1.5MM  
THK)

50X75MM RECTANGULAR  
TUBE (1.5MM THK)

100MM X 100MM  
SQUARE TUBE POST  
(3.0MM THK)

100mm THK. CONCRETE SLAB  
ON-GRADE

3D VISUALIZATION  
**STRUCTURAL FRAMES**

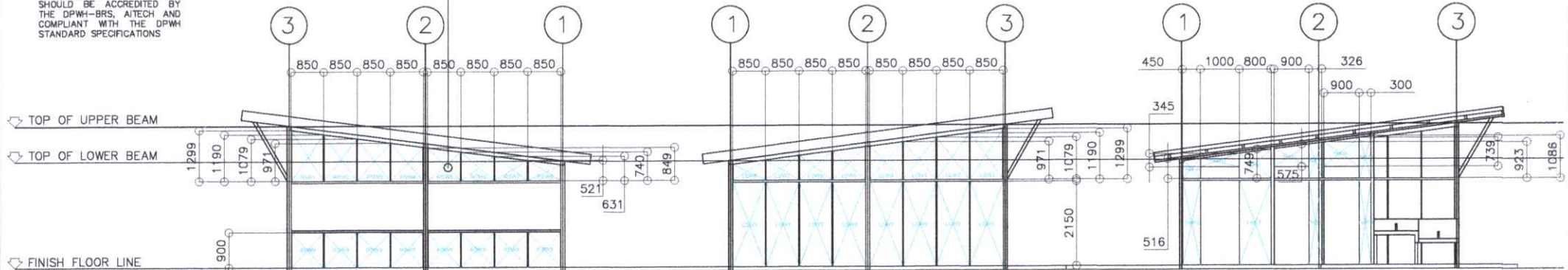
1  
S-2 SCALE NTS

SCHEDULE OF WALL PANELS

	LEGEND	AREA/DIMENSION	QTY
FRONT WALL	FW1	1.00M X 0.95M	2
	FW2	0.925M X 0.95M	4
	FW3	0.967M X 0.95M	3
	FW4	0.925M X 0.90M	4
	FW5	0.967M X 0.90M	3
REAR WALL	RW1	0.967M X 0.40M	9
	RW2	0.967M X 1.0M	9
RIGHT SIDE WALL	RSW1	0.85M X 1.299M	1
	RSW2	0.85M X 1.19M	1
	RSW3	0.85M X 1.079M	1
	RSW4	0.85M X 0.971M	1
	RSW5	0.85M X 0.849M	1
	RSW6	0.85M X 0.740M	1
	RSW7	0.85M X 0.631M	1
	RSW8	0.85M X 0.521M	1
	RSW9	0.85M X 0.9M	8
LEFT SIDE WALL	LSW1	0.85M X 0.521M	1
	LSW2	0.85M X 0.631M	1
	LSW3	0.85M X 0.740M	1
	LSW4	0.85M X 0.849M	1
	LSW5	0.85M X 0.971M	1
	LSW6	0.85M X 1.079M	1
	LSW7	0.85M X 1.19M	1
	LSW8	0.85M X 1.299M	1
	LSW9	0.85M X 2.150M	8
TEMPORARY WALLS	TWF1	0.75M X 1.09M	6
	TWF2	0.75M X 2.150M	6
	TWF3	0.925M X 0.4M	2
	TWF4	0.57M X 0.60M	2
	TWF5	0.925M X 1.50M	2
	TWF6	0.45M X 2.15M	1
	TWF7	0.80M X 2.15M	1
	TWF8	0.326M X 2.15M	1
	TWF9	0.30M X 2.15M	1
	TWF10	0.45M X 0.516M	1
	TWF11	1.00M X 0.345M	1
	TWF12	0.80M X 0.749M	1
	TWF13	0.90M X 0.575M	1
	TWF14	0.326M X 0.923M	1
	TWF15	0.90M X 0.739M	1
TWF15	0.30M X 1.086M	1	

\*VERIFY ACTUAL MEASUREMENT OF WALL ON-SITE

75MM POLYURETHANE (PU)  
SANDWICH PANEL  
\*MATERIAL TO BE INSTALLED  
SHOULD BE ACCREDITED BY  
THE DPWH-BRS, AITECH AND  
COMPLIANT WITH THE DPWH  
STANDARD SPECIFICATIONS

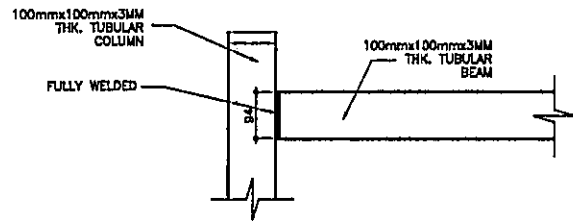


2 RIGHT SIDE WALL SCHEDULE  
S-2 SCALE 1:100 M.

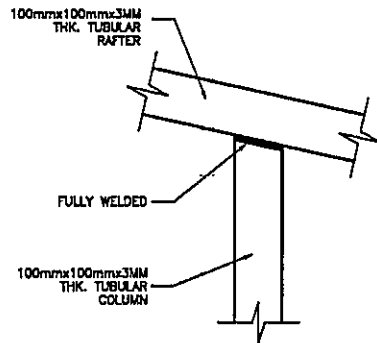
3 LEFT SIDE WALL SCHEDULE (LSW)  
S-2 SCALE 1:100 M.

4 LEFT SIDE WALL SCHEDULE (TWF)  
S-2 SCALE 1:100 M.

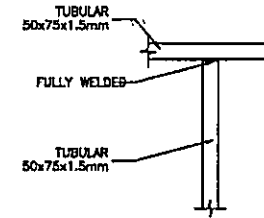
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	DRAWN BY: <b>JUNELSON P. CULLADO</b> CAD OPERATOR DepED, EFD-HROCO	CHECKED BY: <b>WILFREDO D. ALARCON</b> STRUCTURAL ENGINEER DepED, EFD-HROCO	RECOMMENDING APPROVAL: (SEE COVER PAGE) <b>MICHAEL OLIVER M. DE GUZMAN</b> DIRECTOR II DepED, EFD-HROCO	APPROVED BY: (SEE COVER PAGE) <b>AURELIO PAULO R. BARTOLOME</b> ASSISTANT SECRETARY DEPED, HUMAN RESOURCE AND ORGANIZATIONAL DEVELOPMENT AND INFRASTRUCTURE	APPROVED BY: (SEE COVER PAGE) <b>WILFREDO E. CABRAL</b> UNDERSECRETARY DEPED, HUMAN RESOURCE AND ORGANIZATIONAL DEVELOPMENT AND INFRASTRUCTURE	PROJECT TITLE: <b>PROPOSED BEFF - LEARNING CONTINUITY SPACE (LCS) SLAB ON GRADE (SOG)</b>	PROJECT CODE: 	OWNER: <b>DEPARTMENT OF EDUCATION DepED</b>	SHEET NO: <b>S-2 3</b>
	SHEET CONTENTS: 1. STRUCTURAL FRAMES (3D) 2. RIGHT WALL SCHEDULE 3. LEFT SIDE WALL SCHEDULE (LSW) 4. LEFT SIDE WALL SCHEDULE (TWF)								



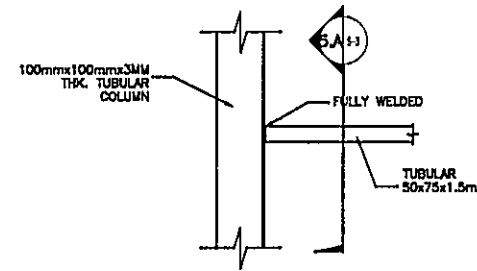
1 ROOF BEAM TO POST  
S-3 SCALE: 1:1000



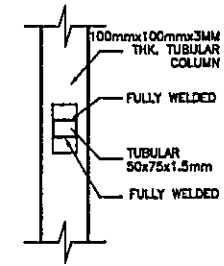
2 RAFTER TO POST  
S-3 SCALE: 1:1000



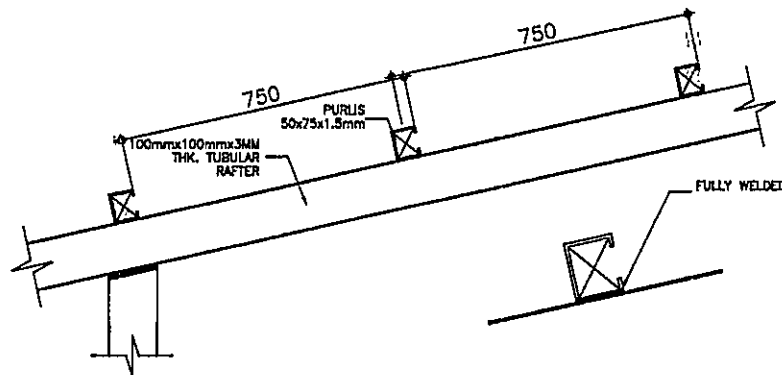
4 WALL FRAME TO WALL FRAME  
S-3 SCALE: 1:1000



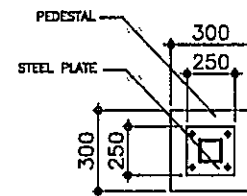
5 WALL FRAME TO POST  
S-3 SCALE: 1:1000



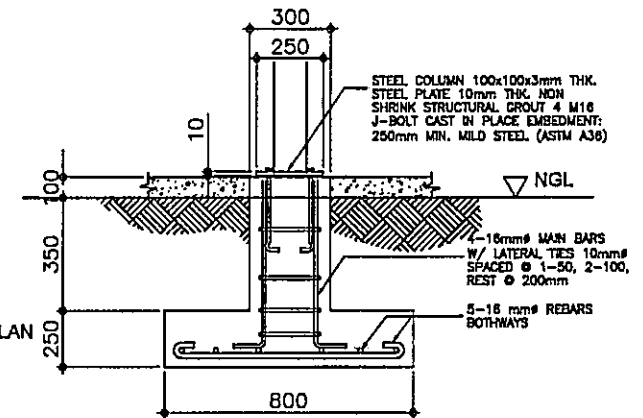
SECTION CUT 5.A



3 PURLINS TO RAFTER  
S-3 SCALE: NTS



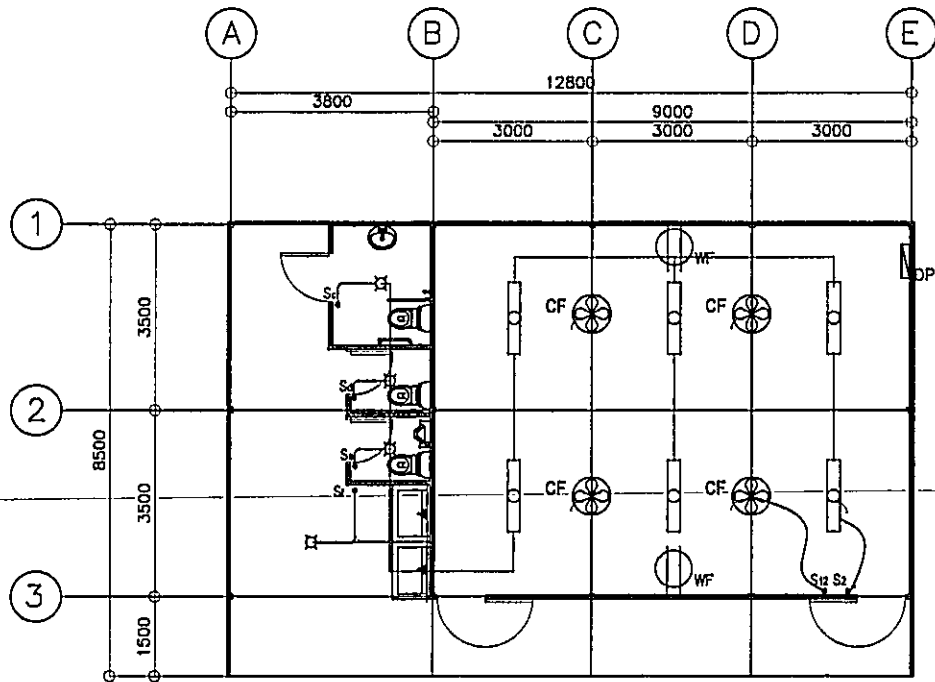
PEDESTAL AND STEEL POST PLAN



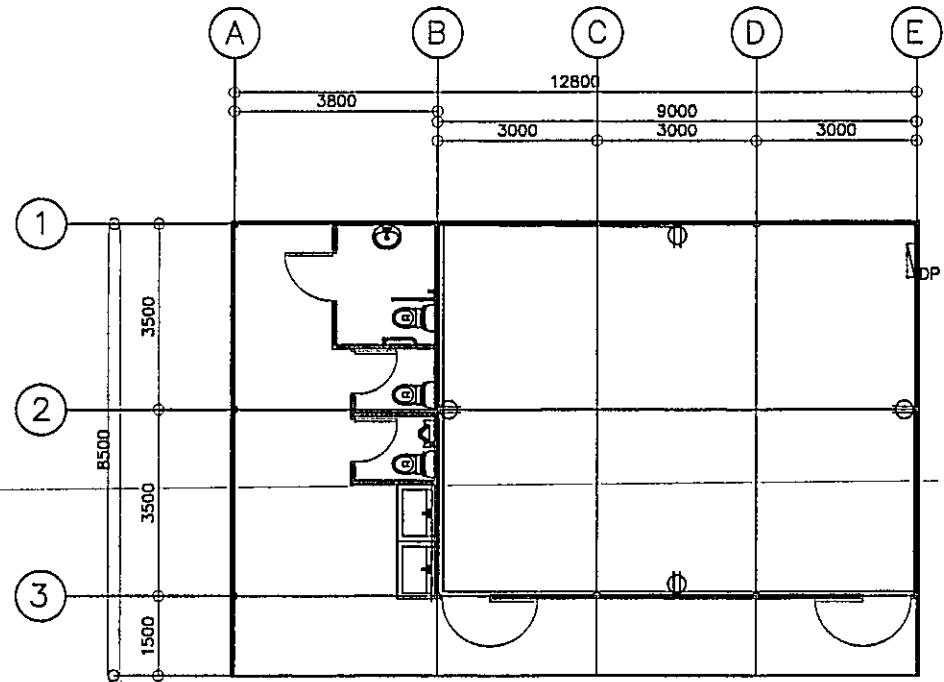
6 PEDESTAL AND FOUNDATION  
S-3 SCALE: NTS

TYPICAL CONNECTION DETAILS

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MEDICAL AVENUE, PASIG CITY	DRAWN BY: <b>JUNELSON P. CULIADO</b> CDD OPERATOR DepED, DPA-1403	CHECKED BY: <b>WILFREDO D. ALARCON</b> STRUCTURAL ENGINEER DepED, DPA-1403	RECOMMENDING APPROVAL: (SEE COVER PAGE) <b>MICHAEL OLIVER M. DE GUZMAN</b> DIVISION II DepED, DPA-1403	APPROVED BY: (SEE COVER PAGE) <b>AURELIO PAULO R. BARTOLOME</b> ASSISTANT SECRETARY OFFICE OF PLANNING, RESEARCH AND ORGANIZATIONAL DEVELOPMENT AND INFRASTRUCTURE	APPROVED BY: (SEE COVER PAGE) <b>WILFREDO E. CERRAL</b> UNDERSECRETARY OFFICE OF PLANNING, RESEARCH AND ORGANIZATIONAL DEVELOPMENT AND INFRASTRUCTURE	PROJECT TITLE: <b>PROPOSED BEFF - LEARNING          CONTINUITY SPACE (LCS)          SLAB ON GRADE (SOG)</b>	PROJECT CODE: 	OWNER: <b>DEPARTMENT OF EDUCATION          DepED</b> SHEET CONTENTS: TYPICAL CONNECTION DETAILS	SHEET NO. <b>S-3</b> <b>3</b>
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**1 LIGHTING & FIXTURE LAYOUT**  
 E-1 SCALE 1:100 M.



**2 POWER LAYOUT**  
 E-1 SCALE 1:100 M.

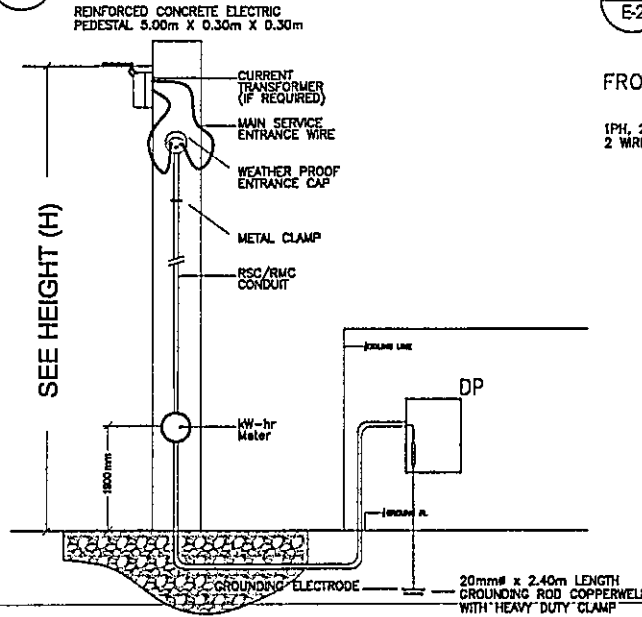
 DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MEXICALCO AVENUE, PASIG CITY	DRAWN BY : <b>JOHN PAUL B. LICARDO</b> REGISTERED ELECTRICAL ENGINEER Reg. No. 079-19628	CHECKED BY : <b>SIGMUND M. SANCHEZ</b> PROFESSIONAL ELECTRICAL ENGINEER Reg. No. 079-19628	RECOMMENDATION APPROVAL : (SEE COVER PAGE) <b>MICHAEL OLIVER M. DE GUZMAN</b> OFFICER II Dept. 079-19628	APPROVED BY : (SEE COVER PAGE) <b>ALFREDO PAULO R. BARTOLOME</b> ASSISTANT SECRETARY OFFICE OF PLANNING, RESEARCH AND ENGINEERING, DEVELOPMENT AND INFRASTRUCTURE	APPROVED BY : (SEE COVER PAGE) <b>WILFREDO E. CERRAL</b> UNDERSECRETARY OFFICE OF PLANNING, RESEARCH AND ENGINEERING, DEVELOPMENT AND INFRASTRUCTURE	PROJECT TITLE : <b>PROPOSED BEFF - LEARNING CONTINUITY SPACE (LCS) SLAB ON GRADE (BOG)</b>	PROJECT CODE :	OWNER : <b>DEPARTMENT OF EDUCATION          DepED</b>	SHEET NO. <b>E-1</b> <b>2</b>
	SHEET CONTENTS : :								

# GENERAL NOTES

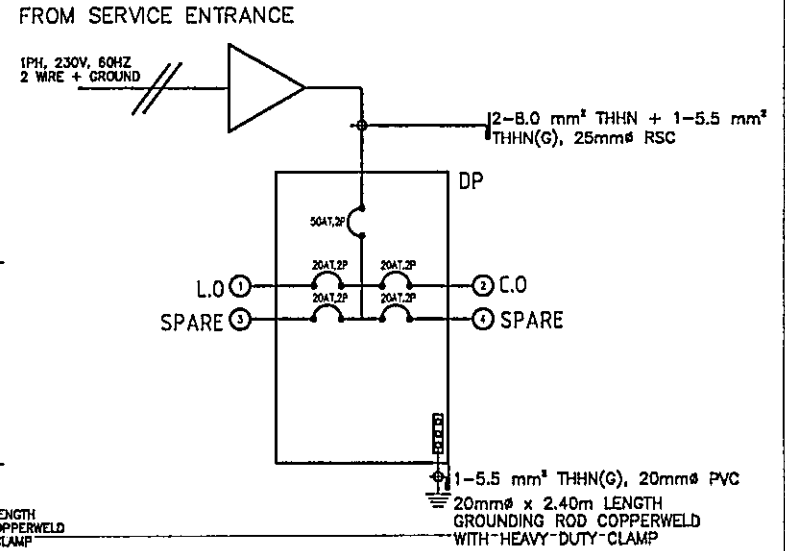
- ALL ELECTRICAL WORKS HEREIN SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), EXISTING LOCAL ORDINANCES, RULES, AND REGULATIONS OF THE UTILITY COMPANY.
- THE ELECTRICAL SERVICE POWER IS 1-PHASE, 2-WIRE + GROUND, 230VAC, 60HZ.
- THE ELECTRICAL PLAN SHALL BE SIGNED AND SEALED BY A DULY LICENSED PROFESSIONAL ELECTRICAL ENGINEER AND THE INSTALLATION SHALL BE SUPERVISED BY AT LEAST A DULY LICENSED REGISTERED ELECTRICAL ENGINEER.
- ALL ELECTRICAL WORK SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED REGISTERED ELECTRICAL ENGINEER.
- WIRING METHOD SHALL BE AS FOLLOWS:
  - FEEDERS AND RISER -- IMC/RSC
  - LIGHTING, POWER RECEPTACLE -- PVC SCHEDULE 40 BRANCH CKT. & AUXILIARY
- ALL MATERIALS (EQUIPMENT AND DEVICES) TO BE INSTALLED BY THE CONTRACTOR SHALL BE NEW AND SHALL BEAR THE CERTIFICATION MARK (PHILIPPINE STANDARD QUALITY MARK OR IMPORT COMMODITY CLEARANCE) ISSUED BY THE DEPARTMENT OF TRADE AND INDUSTRY-BUREAU OF PRODUCT STANDARDS (DTI-BPS) FOR SPECIFIC PURPOSES.
- STANDARD TYPES OF ACCESSORIES, SPLICING DEVICES, TERMINATION, AND OTHER APPURTENANCES FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE USED.
- PROVIDE A PULLBOX AS NEEDED TO FACILITATE INSERTION AND WITHDRAWAL OF WIRES WITHOUT ABRASION, CONDUIT BENDS SHALL BE MADE IN SUCH A WAY THAT THE INTERNAL DIAMETER IS NOT REDUCED.
- ANY DISCREPANCY IN LOCATION AND RATING OF EQUIPMENT AND APARATUS SHALL BE VERIFIED WITH THE ENGINEER/OWNER OR ANY OF HIS REPRESENTATIVES AND CHANGES SHALL BE MADE ACCORDINGLY.
- ALL PANELS, BREAKERS, AND SWITCHES MUST BE APPROPRIATELY TAGGED WITH FEEDERS/PANELS/BREAKERS SUPPLYING THEM.
- GROUNDING CONNECTION SHOULD BE DONE BY EXOTHERMIC WELDING CONNECTION OR OTHER APPROVED SIMILAR PROCESS; MINIMUM GROUND RESISTANCE SHOULD BE 5 OHMS.
- NEW BRANCH CIRCUITS SHALL BE LABELED AT THE ORIGINATING PANEL BOARD, ON THE PANEL BOARD LEGEND. THEY SHALL BE ALSO LABELED AT THE LOAD END ON THE RECEPTACLE, LIGHT SWITCH, OR THE PIECE OF EQUIPMENT (E.G. MOTOR STARTER, SAFETY SWITCH);
- MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:
  - LIGHT SWITCH -- 1.20 M ABOVE FINISH FLOOR
  - CONVENIENCE OUTLET -- 0.30 M ABOVE FINISH FLOOR
  - PANELBOARD -- 1.80 M ABOVE FINISH FLOOR
  - FIRE ALARM STATION OUTLET -- 1.50 M. ABOVE FINISH FLOOR
  - PUSH BUTTON OUTLET -- 1.20 M ABOVE FINISH FLOOR
  - FIRE ALARM & VIBRATING BELL -- 0.30 M BELOW CEILING LINE

- ADDITIONAL REQUIREMENTS:**  
 CONTRACTOR SHALL PERFORM THE APPLICABLE TEST FOR THE INSTALLATION OF ELECTRICAL WORKS TO BE REPORTED AS DETAILED AS FOLLOWS:
- INSULATION RESISTANCE TEST (MEGGER TEST)
  - GROUND RESISTANCE TEST
  - OPERATIONAL TEST
  - PHASE BALANCE TEST
  - PHASE SEQUENCE TEST
  - SYSTEM TEST

## 1 SINGLE LINE DIAGRAM



## 2 ELECTRICAL RISER DIAGRAM



## 3 SCHEDULE OF LOADS

PANEL NAME	DP	MAIN FEEDER SIZE	MAIN CIRCUIT BREAKER
PANEL LOCATION	VERIFY LOCATION	X 9	AT 50
ENCLOSURE	NEMA 1	G 5.5	AF 50
VOLTAGE SYSTEM	230	SETS 1	P 2
PHASE		TYPE THHN/THWN	KAIC 10

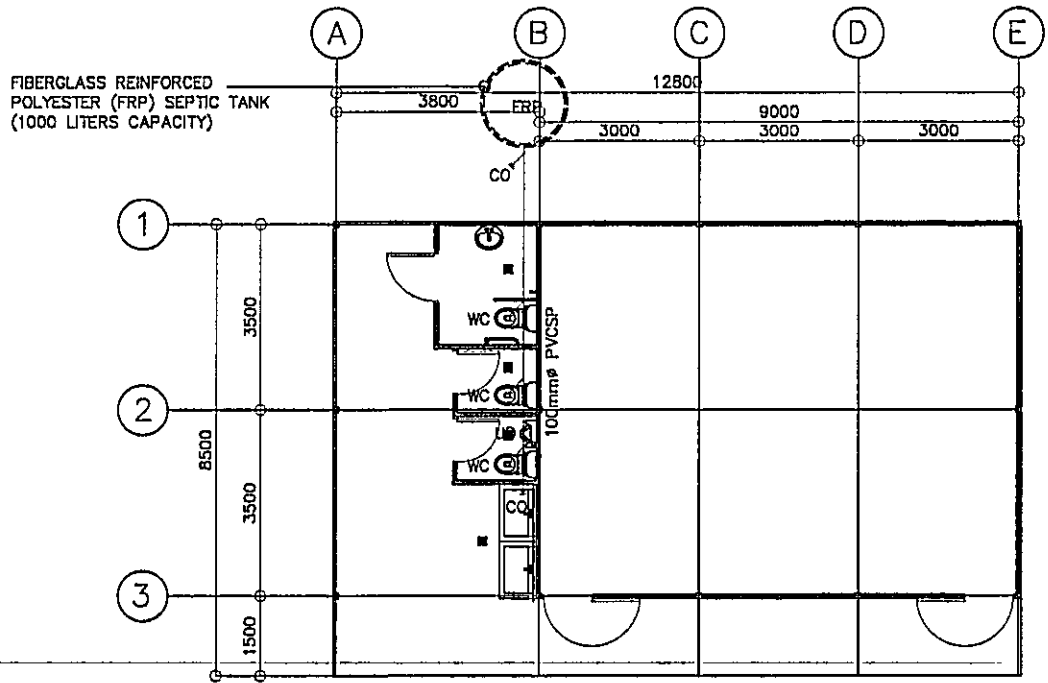
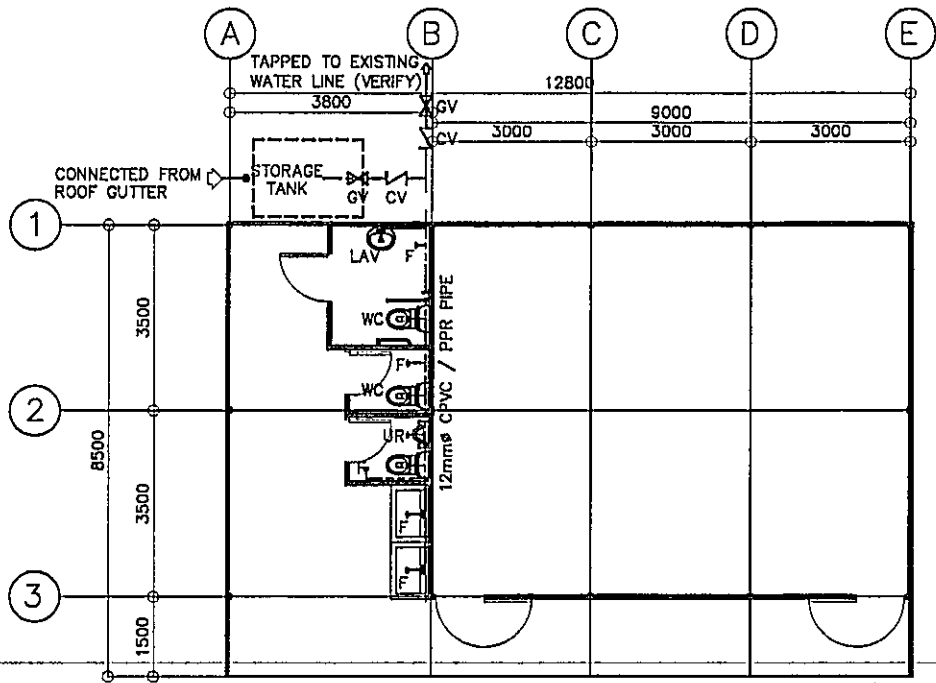
CKT. NO.	LOAD DESCRIPTION	V	VA	AMPERES			3φ	D			WIRE SIZE (X+G)mm²	CONDUIT SIZE (mmØ)					
				AB	BC	AC		AT	AF	P		X	G				
1	4- 2X40W LED LIGHTING LOAD 4- 20W LED LIGHTING LOAD 4- CEILING FAN 2- WALL FAN	230	1,080.00	4.70				20	50	2	MCCB	2	3.5	1	3.5	20	PVC
2	CONVENIENCE OUTLET	230	730.00	3.13				20	50	2	MCCB	2	3.5	1	3.5	20	PVC
3	SPARE	230	1,000.00	4.35				20	50	2	MCCB						
4	SPARE	230	1,000.00	4.35				20	50	2	MCCB						
				16.52	0	0	0										100%

TOTAL CONNECTED LOAD	SIZE OF MAIN FEEDER			SIZE OF MAIN BREAKER		SIZE OF CONDUIT	
	16.53 A	X + G (mm²)		AT	50	25	RSC
3PH + 1PH LOAD	16.53 A	2-	8	1-	5.5		
25 % OF HIGHEST CONTINUOUS LOAD	1.17 A	TYPE		AF	50		
HIGHEST CURRENT LOAD (MOTOR LOAD)	0 A	SETS		P	2		
25 % HIGHEST CURRENT LOAD (MOTOR LOAD)	0 A	TYPE		KAIC	10		
DEMAND FACTOR	0.8						
MAIN FEEDER	14.16 A	THHN/THWN					
MAIN CIRCUIT BREAKER	14.16 A						

### LEGEND & SYMBOLS

	1 x 18W COMPACT FLOURESCENT LAMP WITH MEDIUM BASE, KEYLESS TYPE PORCELAIN RECEPTACLE
	2 x 40W FLOURESCENT LAMP, T5
	ONE GANG DEVICE SWITCH
	TWO GANG DEVICE SWITCH
	DISTRIBUTION PANEL "DP"
	WALL FAN
	CEILING FAN
	GROUNDING TYPE, UNIVERSAL CONVENIENCE OUTLET (3 PRONG)

REPUBLIC OF THE PHILIPPINES	DESIGNED BY:	CHECKED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	APPROVED BY:	PROJECT TITLE:	PROJECT CODE:	OWNER:	SHEET NO.
	JOHN PAUL B. LICARDO REGISTERED ELECTRICAL ENGINEER DepED, 070-1000	SEBASTIAN M. SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER DepED, 070-1000	(SEE COVER PAGE) MICHAEL OLIVER M. DE GUZMAN DEPT. HEAD DepED, 070-1000	(SEE COVER PAGE) AURELIO PAULO R. BARTOLOME ASSISTANT DEPARTMENT HEAD DEPT. HEAD FOR PLANNING AND INFRASTRUCTURE DEVELOPMENT DepED, 070-1000	(SEE COVER PAGE) WILFREDO E. CERRIL ASSISTANT DEPARTMENT HEAD DEPT. HEAD FOR OPERATIONAL, MAINTENANCE AND INFRASTRUCTURE DepED, 070-1000	PROPOSED BEFF - LEARNING CONTINUITY SPACE (LCS) SLAB ON GRADE (SOG)		DEPARTMENT OF EDUCATION DepED	E-2 2



**1 WATER LINE LAYOUT**  
 P-1 SCALE 1:100 M.

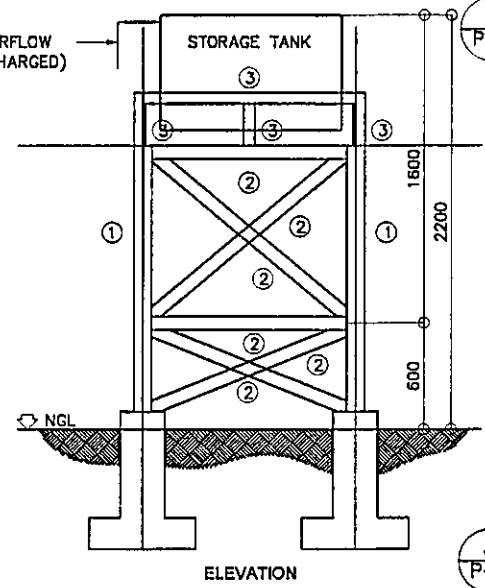
**2 SANITARY LINE LAYOUT**  
 P-1 SCALE 1:100 M.

**GENERAL NOTES**

1. THE GRADES OF HORIZONTAL PIPINGS RUN ALL HORIZONTAL PIPINGS IN PERFECT ALIGNMENT AND AT A FORM GRADE NOT LESS THAN TWO PERCENT (2%)
2. CHANGE IN DIRECTION ALL CHANGE IN DIRECTION SHALL BE MADE BY APPROPRIATE USE OF FORTY-FIVE DEGREES (45°) WYES, LONG SWEEP QUARTER BEND, SIXTH-EIGHT OR SIXTEENTH BEND. WHEN THE CHANGE OF FLOW IS FROM HORIZONTAL TO VERTICAL A SINGLE 1/8 BEND COMBINATION MAYBE USED ON VERTICAL STACKS AND SHORT QUARTER BENDS MAYBE USED ON WASTE LINE, TEE AND CROSSES MAYBE USED IN BENT PIPES.
3. PROHIBITED FITTINGS: NO DOUBLE HUB OR TEE BRANCH SHALL BE USED ON HORIZONTAL SOIL AND WASTE LINES, THE DRILLINGS AND TAPPING OF HOUSE DRAIN, WASTE OR VENT PIPES AND USED OF SADDLE HUB AND BEND ARE PROHIBITED.
4. PIPE CLEAN-OUTS CLEAN-OUTS ARE REQUIRED UNDER THE FOLLOWING CONDITIONS:
  - A. EVERY CHANGE OF HORIZONTAL DIRECTION EXCEEDING TWENTY TWO AND ONE-HALF DEGREES (22 1/2°).
  - B. ONE AND ONE-HALF METERS (1.50m.) INSIDE THE PROPERTY LINES BEFORE THE HOUSE DRAINAGE CONNECTION.
  - C. EVERY FIFTEEN METERS (15.00m) IN HORIZONTAL RUN OF PIPES.
  - D. AT THE END OF ANY HORIZONTAL PIPE LINES.
5. ALL PLUMBING WORKS SHALL BE EXECUTED WITH THE HIGHEST WORKMANSHIP AND PROPERLY INSTALLED.

LEGEND	
CO	CLEAN OUT
CV	CHECK VALVE
F	FAUCET (LEVER TYPE)
FD	FLOOR DRAIN
CWL	COLD WATER LINE (SCH. 40)
GV	GATE VALVE
MH	MANHOLE
UD	URINAL DRAIN
WC	WATER CLOSET
LAV	LAVATORY
CS	COUNTER SINK

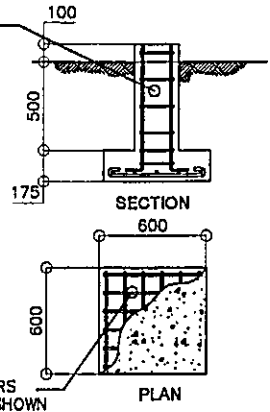
OVERFLOW (DISCHARGED)



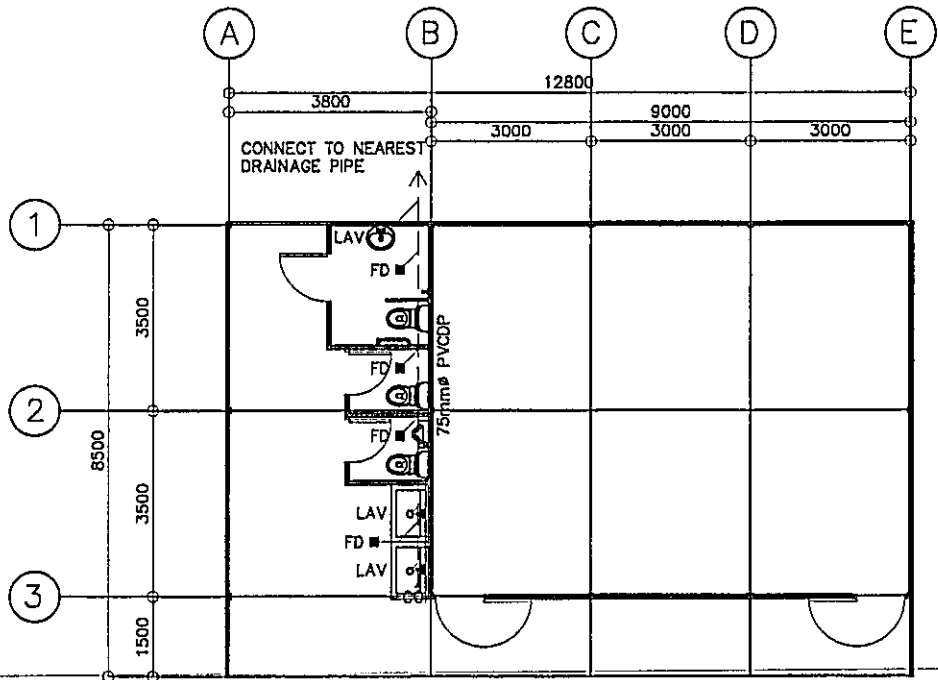
250MMX250MM CONCRETE PEDESTAL W/ 4-12MMØ MAIN BARS & LAT. TIES 10MMØ - 1Ø50, 2Ø100, REST Ø 200MM

**STORAGE TANK LEGEND:**

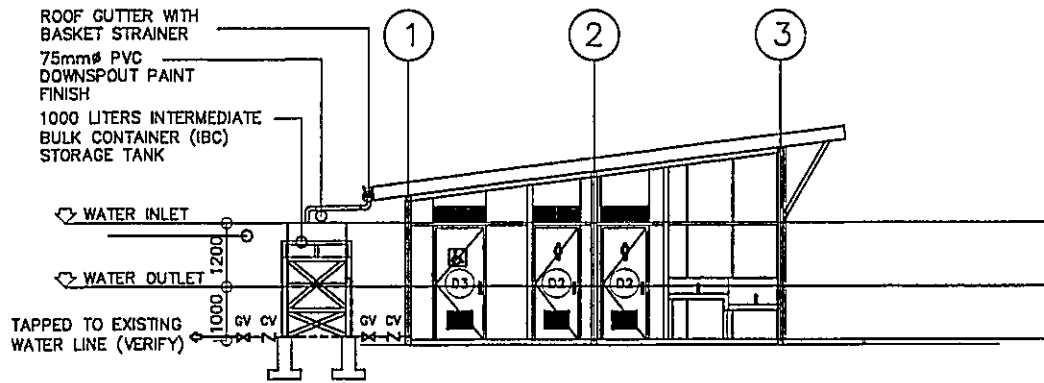
①	L 4" X 4" X 1/2"
②	L 3" X 3" X 1/2"
③	L 2 1/2" X 2 1/2" X 1/2"



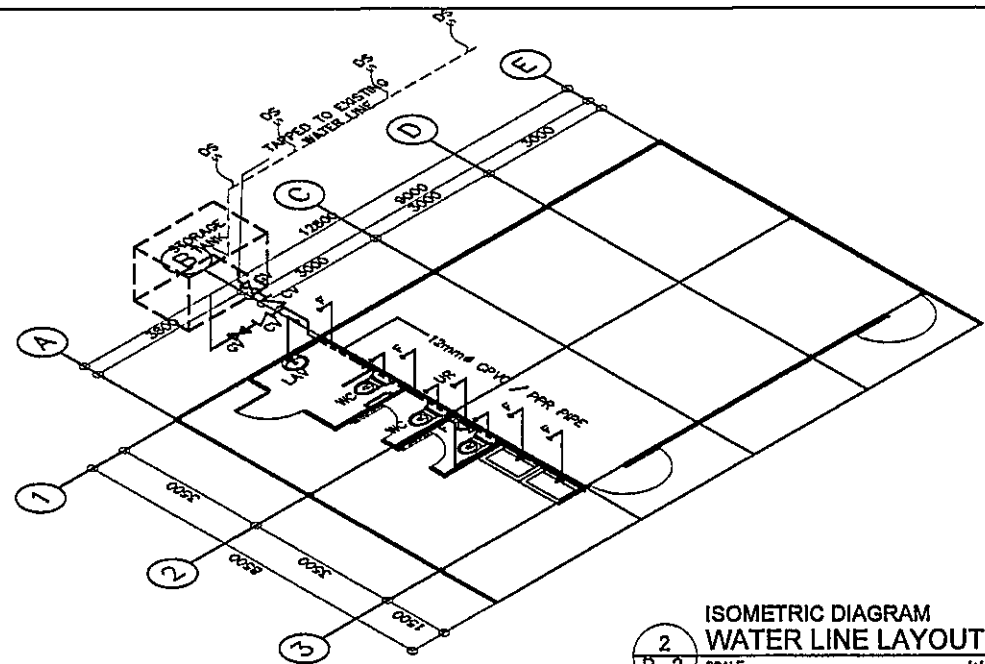
**3 STORAGE TANK DETAIL**  
 P-1 SCALE 1:30 M.



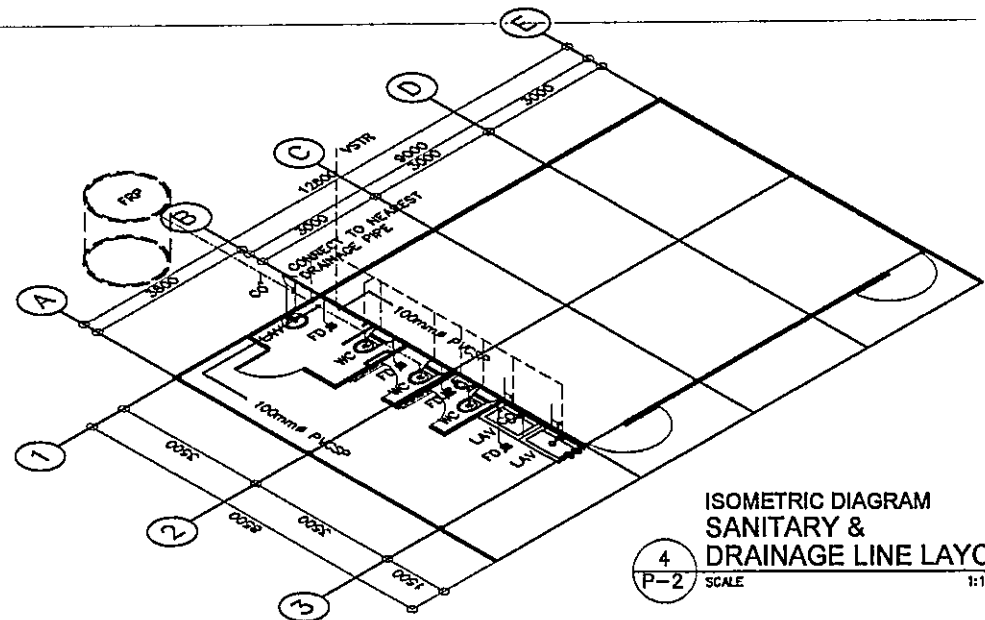
**1 DRAINAGE LINE LAYOUT**  
 P-2 SCALE 1:100 M.



**3 RAIN WATER HARVESTING SYSTEM DIAGRAM**  
 P-2 SCALE 1:100 M.



**2 ISOMETRIC DIAGRAM WATER LINE LAYOUT**  
 P-2 SCALE 1:100 M.



**4 ISOMETRIC DIAGRAM SANITARY & DRAINAGE LINE LAYOUT**  
 P-2 SCALE 1:100 M.

 DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERRALCO AVENUE, PASIG CITY	DESIGNED BY: <b>JUNELSON P. CULLADO</b> <small>CHD OFFICER          DepED, 070-1003</small>	CHECKED BY: <b>ALDRIN C. TAGAO</b> <small>MASTER PLUMBER          DepED, 070-1003</small>	RECOMMENDED APPROVAL: <small>(SEE COVER PAGE)</small> <b>MICHEL OLIVER M. DE GUZMAN</b> <small>DIRECTOR II          DepED, 070-1003</small>	APPROVED BY: <small>(SEE COVER PAGE)</small> <b>AURELIO PAUL R. BARTOLOME</b> <small>ASSISTANT SECRETARY          REPLY, PLANNING, RESOURCE AND ORGANIZATIONAL DEVELOPMENT</small>	APPROVED BY: <small>(SEE COVER PAGE)</small> <b>WILFREDO E. CERRAL</b> <small>UNDERSECRETARY          REPLY, PLANNING, RESOURCE AND ORGANIZATIONAL DEVELOPMENT</small>	PROJECT TITLE: <b>PROPOSED BEFF - LEARNING CONTINUITY SPACE (LCS) SLAB ON GRADE (SOG)</b>	PROJECT CODE: 	OWNER: <b>DEPARTMENT OF EDUCATION          DepED</b>	SHEET NO. <b>P-2</b> <b>2</b>
	SPECIFICATION: - SANITARY LINE LAYOUT - ISOMETRIC WATER LINE LAYOUT - BASKET FOR INTERMEDIATE BULK CONTAINER - ISOMETRIC SANITARY & DRAINAGE LAYOUT								