



PROGRAM OF WORKS
BILL OF QUANTITIES

REPAIR 2022 - REGION 10 - EL SALVADOR CITY - 001

School : EL SALVADOR CITY CENTRAL SCHOOL	Date:
School I.D : 127671	Budget Allocation:
Region : X - NORTHERN MINDANAO	Engineering and Administrative Overhead:
Division : EL SALVADOR CITY	Approved Budget for the Contract:
Project Title : REPAIR OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING	Completion Period:
	Minimum Required Manpower:
	General Foreman Welder Carpenter Helper Mason Painter
Location : TUBURAN, POBLACION, EL SALVADOR CITY	Minimum Required Equipment:
	Hand Tools Welding Machine
	One-Bagger Mixer Bar Cutter

ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
	I. DIRECT COST					
	GENERAL REQUIREMENTS	-	lot	1.00	-	
5.0000	Masonry Works	-	lot	1.00	-	
6.0000	Doors and Windows	-	lot	1.00	-	
8.0000	Roofing Works	-	lm	289.91	-	
9.0000	Ceiling and Carpentry Works	-	sq m	242.25	-	
10.0000	Electrical Works	-	lot	1.00	-	
11.0000	Plumbing Works	-	lot	1.00	-	
13.0000	Painting Works	-	sq m	895.18	-	
	Sub-Total				-	
	II. INDIRECT COST 22% of (I)					
	Overhead Expenses (8%)	-			-	
	Contingencies (3%)	-			-	
	Miscellaneous (1%)	-			-	
	Contractor's Profit (10%)	-			-	
	Sub-Total				-	
	III. TAX 5% of (I+II)					
	Sub-Total	-			-	
	IV. TOTAL CONSTRUCTION COST (I + II + III)	-			-	

Prepared:

 Contractor/Authorized Representative



PROGRAM OF WORKS

DETAILED COST ESTIMATE

PROJECT : REPAIR OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING
 SCHOOL : EL SALVADOR CITY CENTRAL SCHOOL
 LOCATION : ZONE III, POBLACION, EL SALVADOR CITY
 OWNER : DEPARTMENT OF EDUCATION

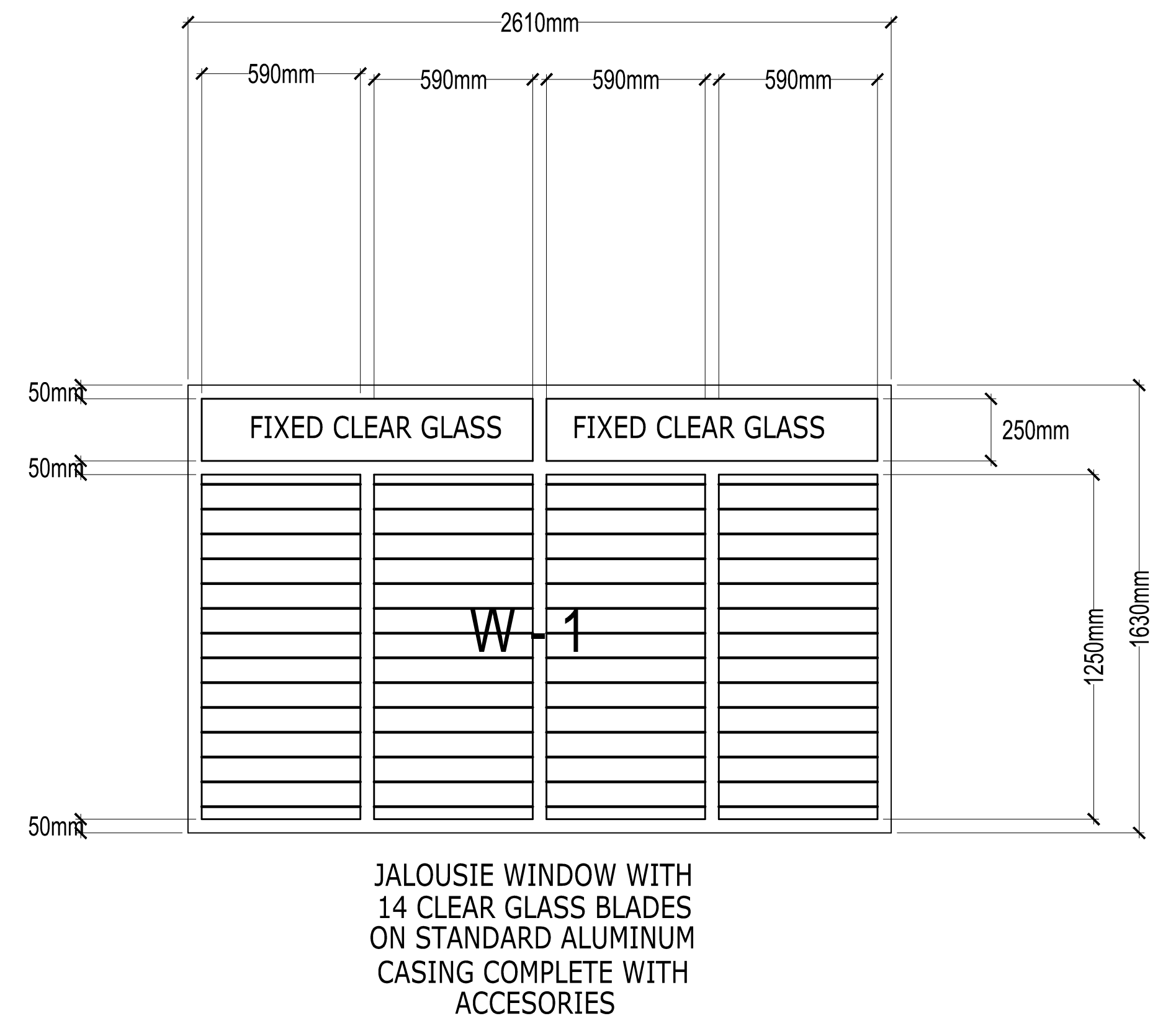
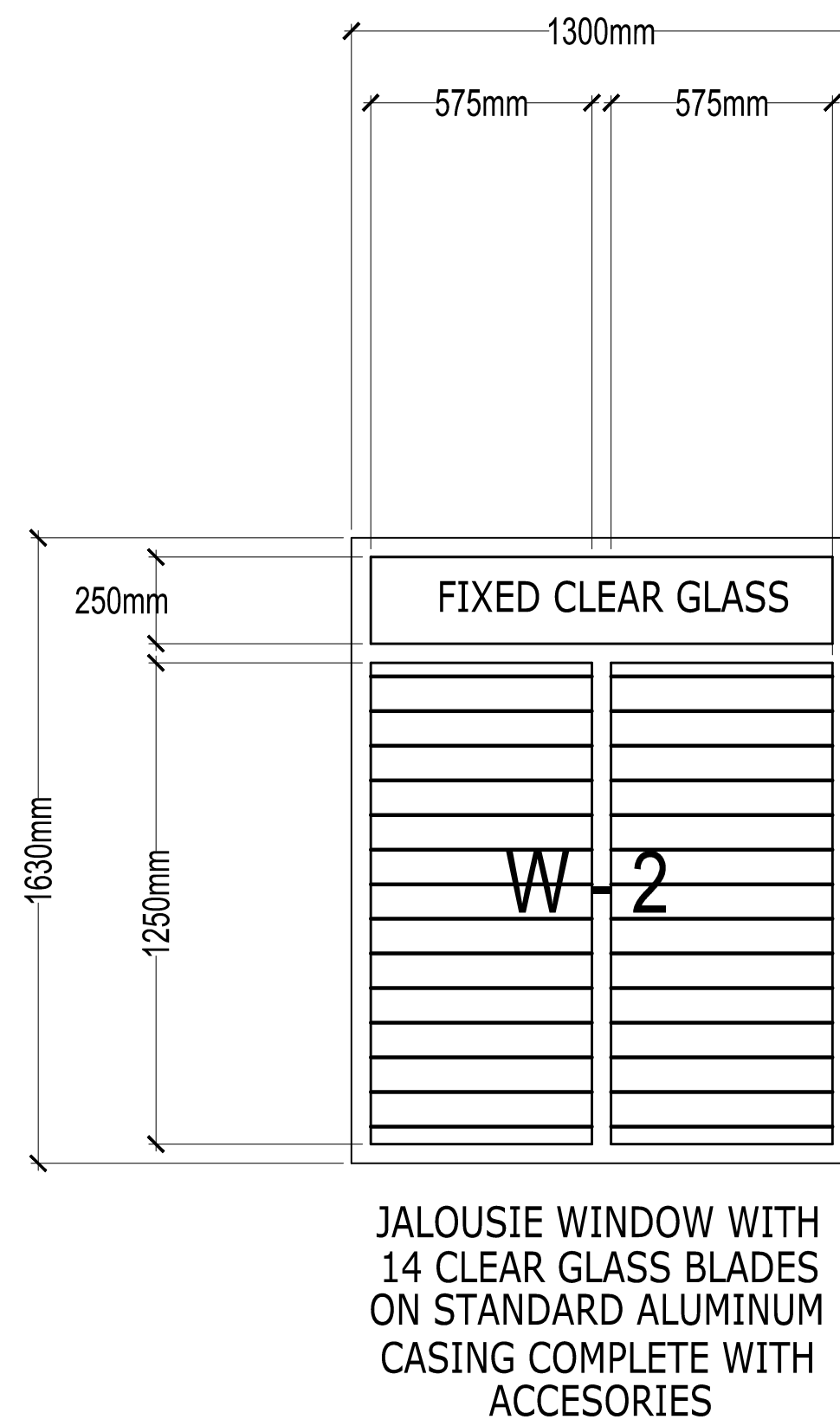
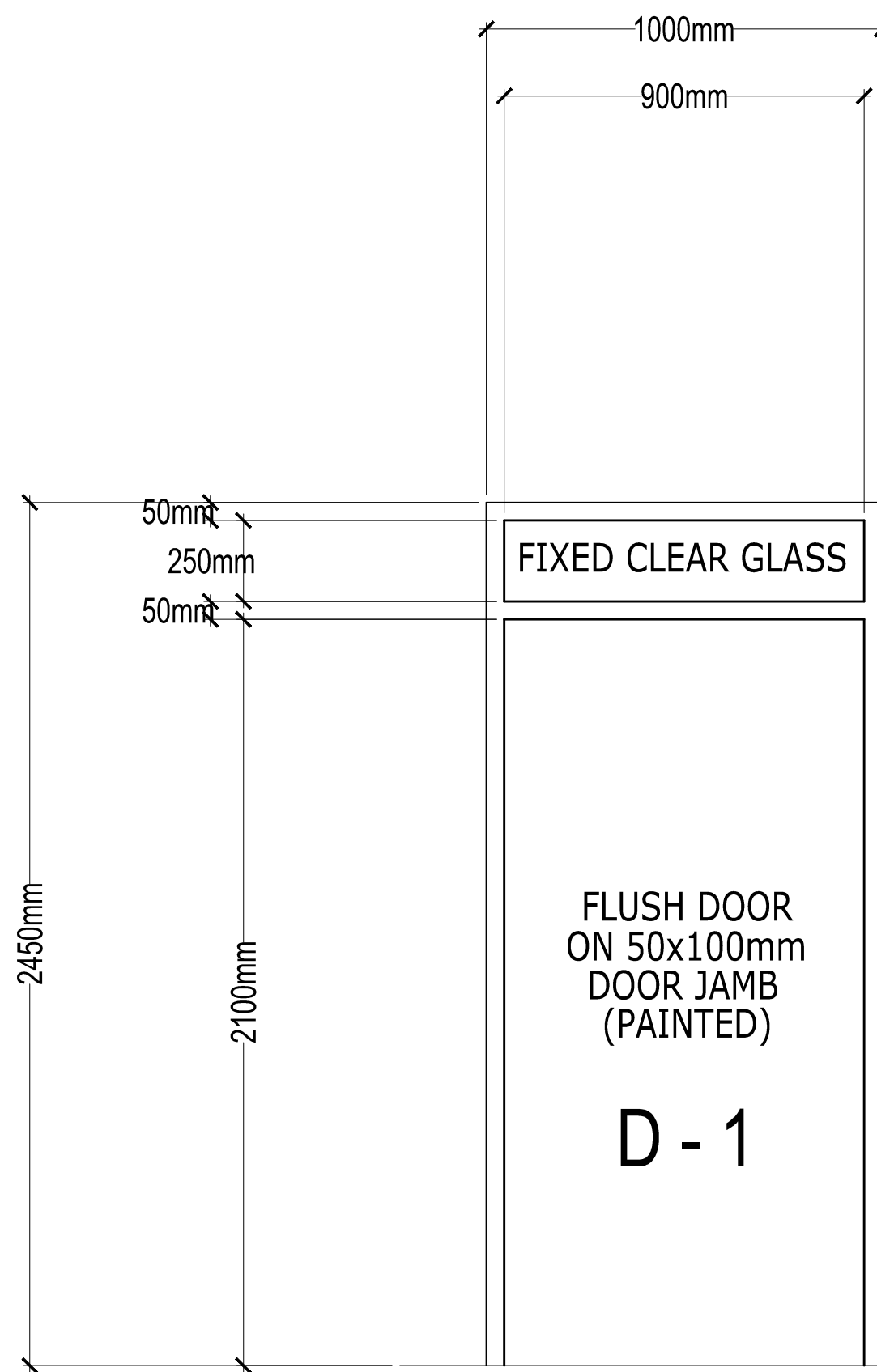
ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
GENERAL REQUIREMENTS								
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00	-	-	-	-	-
	Project Billboard	lot	1.00	-	-	-	-	-
	Safety and Health	lot	1.00	-	-	-	-	-
	Fire Clearance/ Permit Fee	lot	1.00	-	-	-	-	-
	Other Permit Fee	lot	1.00	-	-	-	-	-
	Hauling cost	lot	1.00	-	-	-	-	-
	Sub-total							
5.0000	Masonry Works							
	Masonry Wall	sq.m	21.00					
5.0300	CHB 4" thk	pc	250.00	-	-	-	-	-
2.0200	Portland Cement	bag	15.00	-	-	-	-	-
2.0500	Washed Sand	cu.m	6.00	-	-	-	-	-
5.0400	10mm x 6m RSB	kg	45.00	-	-	-	-	-
3.1200	G.I. Tie Wire	kg	3.00	-	-	-	-	-
	Plastering	sq.m	42.00					
2.0200	Portland Cement	bag	20.00	-	-	-	-	-
2.0500	Washed Sand	cu.m	3.00	-	-	-	-	-
	Sub-total							
6.0000	Doors and Windows							
6.0100	Removal of Door with Jamb	set	4.00	-	-	-	-	-
6.0200	Removal of Window with Jamb	set	4.00	-	-	-	-	-
	D-1, (0.90m x 2.10m) KD and Termite - treated Panel Door Type Hinged Door and Fixed Glass Transom on 50mm x 150mm Wood Jamb/ Frame and Lever - type Knob	set	4.00	-	-	-	-	-
6.1040	W - 1, (2.6 x 1.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 150 mm Wooden Jamb complete with Accessories	set	4.00	-	-	-	-	-
6.1050	W - 2, (1.3 x 1.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 150 mm Wooden Jamb complete with Accessories	set	4.00	-	-	-	-	-
6.1510	Window Grille (WG - 1)	set	4.00	-	-	-	-	-
6.1520	Window Grille (WG - 2)	set	4.00	-	-	-	-	-
	Sub-total							
8.0000	Roofing Works							
8.0600	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.4mm BMT	lm	289.91	-	-	-	-	-
8.0700	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.6mm BMT	pc	12.00	-	-	-	-	-
8.0800	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.4mm BMT	pc	10.00	-	-	-	-	-
8.0900	J-Bolt (6mm dia.)	pc	950.00	-	-	-	-	-
8.1000	Teckscrew 2-1/2"	pc	526.00	-	-	-	-	-
8.1300	Roof Sealant	L	4.00	-	-	-	-	-
	Sub-total							
9.0000	Ceiling and Carpentry Works							
	Interior Ceiling	sq.m	178.50					
7.0810	L 75 x 75 x 6mm	kg	901.74	-	-	-	-	-
7.0900	L 50 x 50 x 6mm	kg	563.55	-	-	-	-	-
7.1800	6 mm Machine bolts with nuts and washers	pc	95.00	-	-	-	-	-
	50 mm x 50 mm Ceiling Joist	bd.ft	714.71					

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	50 mm x 50 mm Wooden Hanger	bd.ft	63.33					
9.1700	Rough Lumber, Sun Dried, Tangile	bd.ft	779.00	-	-	-	-	-
9.0200	Plywood, Ordinary 1/4" x 4' x 8'	pc	62.00	-	-	-	-	-
9.2100	Finishing Nails	kg	4.00	-	-	-	-	-
4.0400	CWN, Assorted	kg	15.00	-	-	-	-	-
9.2200	Concrete Nails	kg	4.00	-	-	-	-	-
9.1900	Wood Preservative, Brown	L	6.00	-	-	-	-	-
	Exterior Ceiling	sq.m	63.75					
7.0810	L 75 x 75 x 6mm	kg	322.05	-	-	-	-	-
7.0900	L 50 x 50 x 6mm	kg	112.71	-	-	-	-	-
7.1800	6 mm Machine bolts with nuts and washers	pc	22.00	-	-	-	-	-
	50 mm x 50 mm Ceiling Joist	bd.ft	265.21					
	50 mm x 50 mm Wooden Hanger	bd.ft	13.67					
9.1700	Rough Lumber, Sun Dried, Tangile	bd.ft	279.00	-	-	-	-	-
9.0200	Plywood, Ordinary 1/4" x 4' x 8'	pc	23.00	-	-	-	-	-
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00	-	-	-	-	-
9.2100	Finishing Nails	kg	2.00	-	-	-	-	-
4.0400	CWN, Assorted	kg	6.00	-	-	-	-	-
9.2200	Concrete Nails	kg	2.00	-	-	-	-	-
9.1900	Wood Preservative, Brown	L	2.00	-	-	-	-	-
	Sub-total							
10.0000	Electrical Works							
	Roughing-ins							
10.0200	Electrical Conduit uPVC, 20mmØ	pc	25.00	-	-	-	-	-
10.1000	Entrance Cap 32mm dia.	pc	1.00	-	-	-	-	-
10.1200	Junction Box, 4" x 4" G.I.	pc	12.00	-	-	-	-	-
10.1300	Utility Box, 2" x 4" G.I.	pc	14.00	-	-	-	-	-
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00	-	-	-	-	-
	Wires & Fixtures							
10.1600	3.5 mm² THHN Wire, Stranded	m	450.00	-	-	-	-	-
10.1710	8.0 mm² THHN Wire, Stranded	m	100.00	-	-	-	-	-
10.2700	Duplex Convenience Outlet, Grounding Type, 16A, 250V	set	4.00	-	-	-	-	-
10.2800	Duplex Convenience Outlet, Grounding Type, 16A, 250V (WP)	set	2.00	-	-	-	-	-
10.2900	1 Gang Wall Switches in One Switch Plate (16 AMP, 230V)	set	4.00	-	-	-	-	-
10.3100	2 Gang Wall Switches in One Switch Plate (16 AMP, 230V)	set	2.00	-	-	-	-	-
10.3400	2 - 36W, 230V, 60Hz, T5 LED Lighting Fixture, (Box Type)	set	8.00	-	-	-	-	-
10.4400	Safety Switch, 50A 2P	set	2.00	-	-	-	-	-
10.5500	Electrical Tape	pc	5.00	-	-	-	-	-
	Sub-total							
11.0000	Plumbing Works							
11.0200	Water Closet 1.6gpf with Accessories	set	2.00	-	-	-	-	-
11.0100	Water Closet Flange	set	2.00	-	-	-	-	-
11.0500	Faucet, Hose Bibb, Brass 1/2"Ø	pc	5.00	-	-	-	-	-
11.4410	S.S. Floor Drain 4" x 4"	set	4.00	-	-	-	-	-
11.4200	Teflon Tape	roll	5.00	-	-	-	-	-
11.0900	PP-R Pipe 1"Ø x 4.0m	pc	4.00	-	-	-	-	-
11.1000	PP-R Pipe 3/4"Ø x 4.0m	pc	6.00	-	-	-	-	-
11.2000	PP-R Elbow 90° x 1"Ø	pc	3.00	-	-	-	-	-
11.2100	PP-R Elbow 90° x 3/4"Ø	pc	3.00	-	-	-	-	-
11.2600	PP-R Tee, 3/4"Ø	pc	4.00	-	-	-	-	-
11.2900	PP-R Tee Reducer, 1" x 3/4"Ø	pc	1.00	-	-	-	-	-
11.3300	PP-R Plug, 3/4"Ø	pc	4.00	-	-	-	-	-
11.1400	PP-R Coupling, 1"Ø	pc	4.00	-	-	-	-	-
11.1700	PP-R Coupling Reducer, 1" x 3/4"Ø	pc	1.00	-	-	-	-	-
11.3900	Check Valve, Horizontal, 1"Ø	pc	1.00	-	-	-	-	-
11.3700	Gate Valve, 1"Ø	pc	1.00	-	-	-	-	-
11.3800	Gate Valve, 3/4"Ø	pc	2.00	-	-	-	-	-
	Sub-total							
13.0000	Painting Works							
	Concrete surfaces	sq.m	610.17					
13.0100	Neutralizer	gal	1.00	-	-	-	-	-
13.0200	Latex, Flat	gal	25.00	-	-	-	-	-
13.0300	Masonry Putty	gal	25.00	-	-	-	-	-
13.0400	Latex, Semi Gloss	gal	25.00	-	-	-	-	-
13.0500	Acri Color	qrt	6.00	-	-	-	-	-
	Wood surfaces	sq.m	285.01					
13.0600	Enamel, Flatwall	gal	15.00	-	-	-	-	-
13.0700	Glazing Putty	gal	15.00	-	-	-	-	-

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
13.0800	Enamel, Semi Gloss	gal	15.00	-	-	-	-	-
13.0900	Paint Thinner	gal	2.00	-	-	-	-	-
	Sub-total							-
I.	DIRECT COST							-
II.	INDIRECT COST 22% of (I)							-
III.	TAX 5% of (I + II)							-
IV.	TOTAL CONSTRUCTION COST (I + II + III)							-

Prepared by:

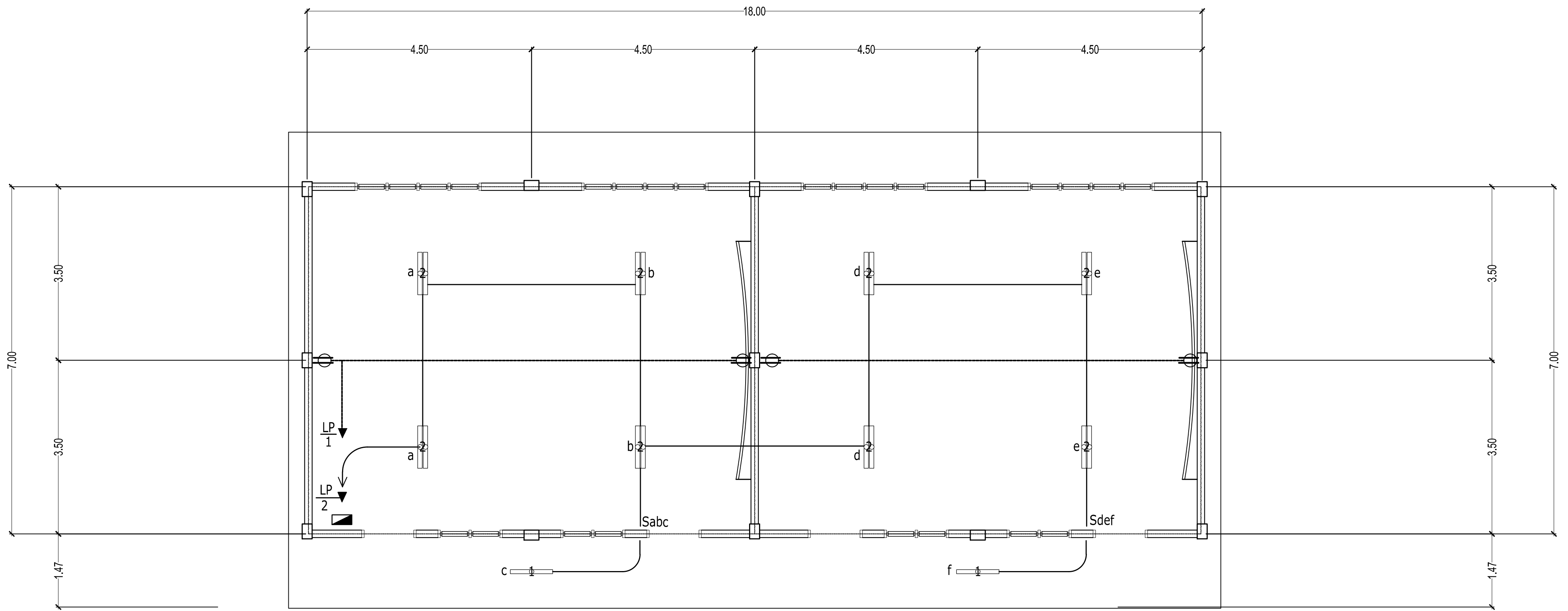
Contractor/Authorized Representative



SCHEDULE OF DOORS AND WINDOWS

SCALE

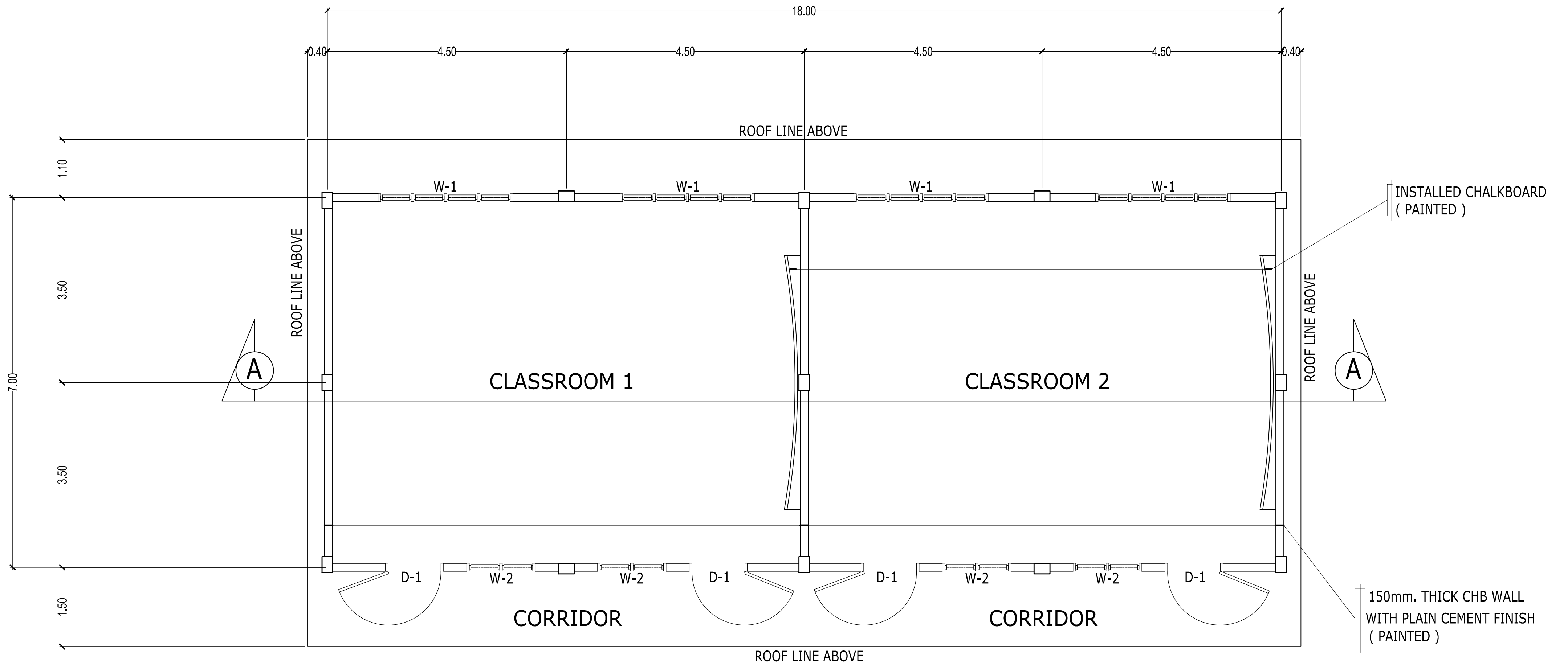
1 : 40 M.



ELECTRICAL LAY-OUT

SCALE

1 : 100 M.



FLOOR PLAN

SCALE 1 : 100 M.

