18 No.West Kaikhali Govt. Primary School

All Column Size(LXBXH)=12"x12"X9'-6"

W-01=Window Size(LXH)=4'-0"x4'-6"



D-01=Wooden Door=3'-3"x7'-0"



D-02=Steel Door=2'-1"x6'-2"



D-03=Steel Door=3'-3"x7'-0"



Collapsible Gate-01=8'-2"x7'-0"



Toilet Ventilation-01=32"x12"



Toilet Ventilation-02=54"x12"



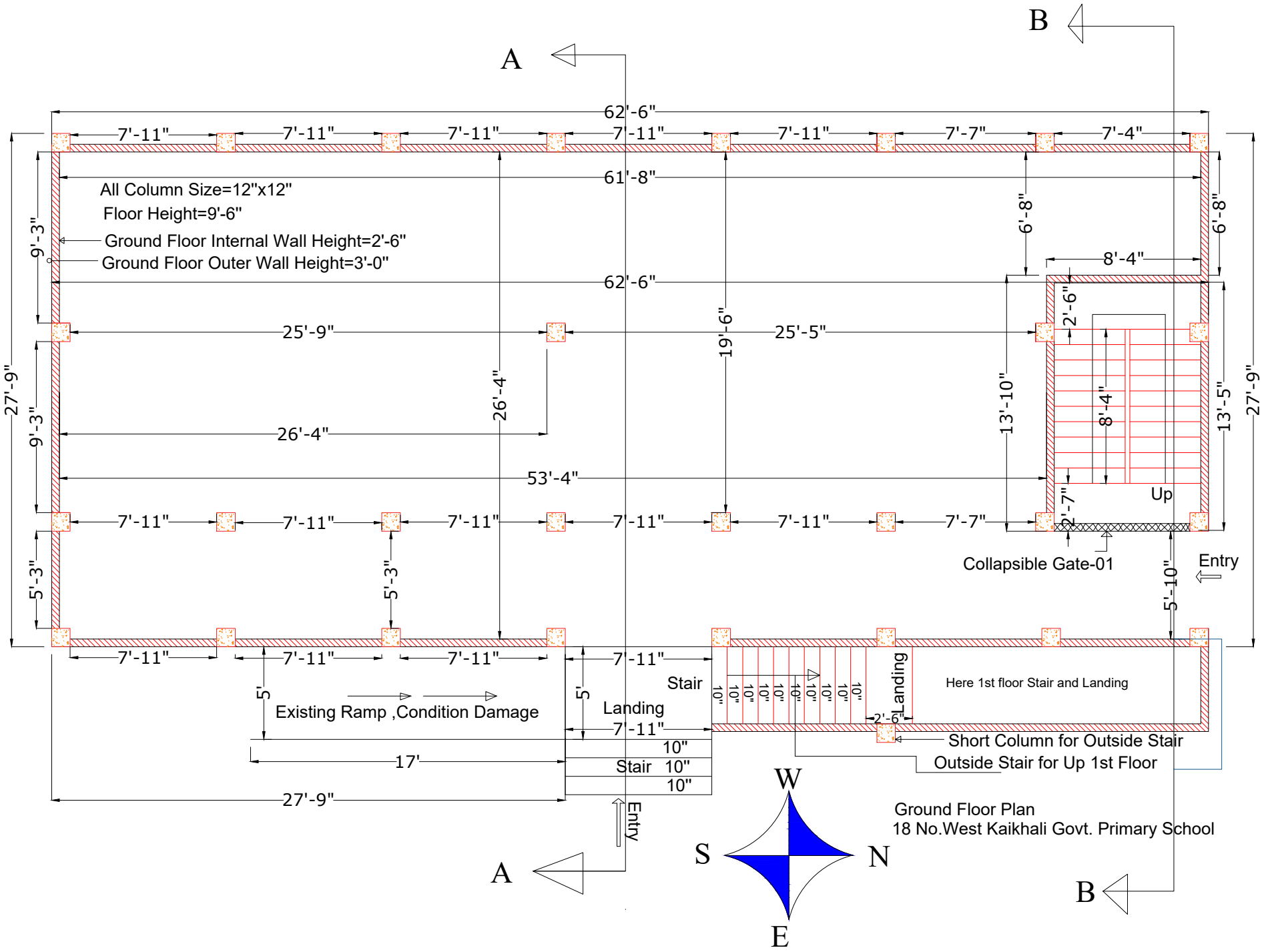
VSG-01=Verandha Safety Grill(LXH)=95"x54"

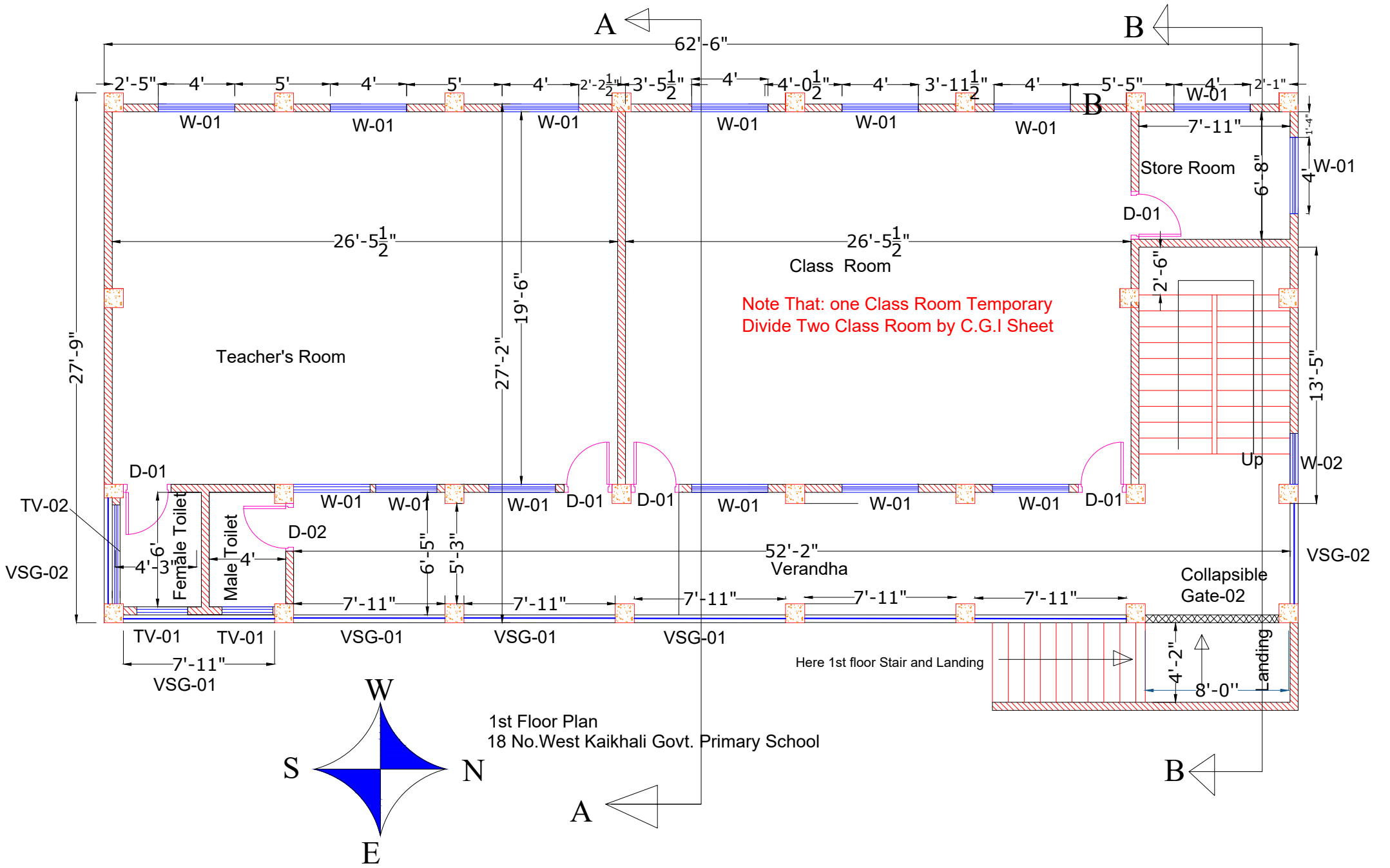


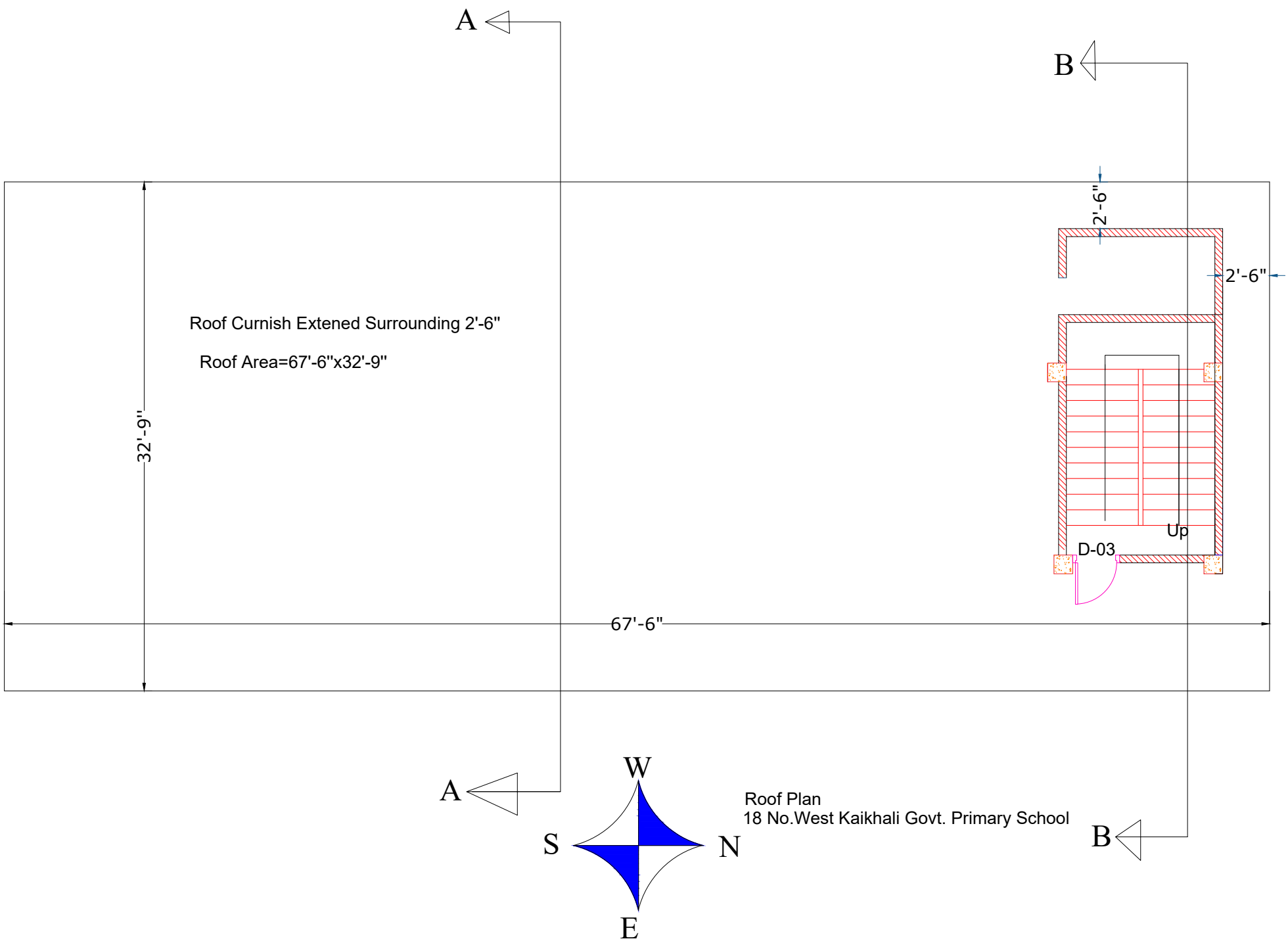
VSG-02=Verandha Safety Grill(LXH)=60"x54"



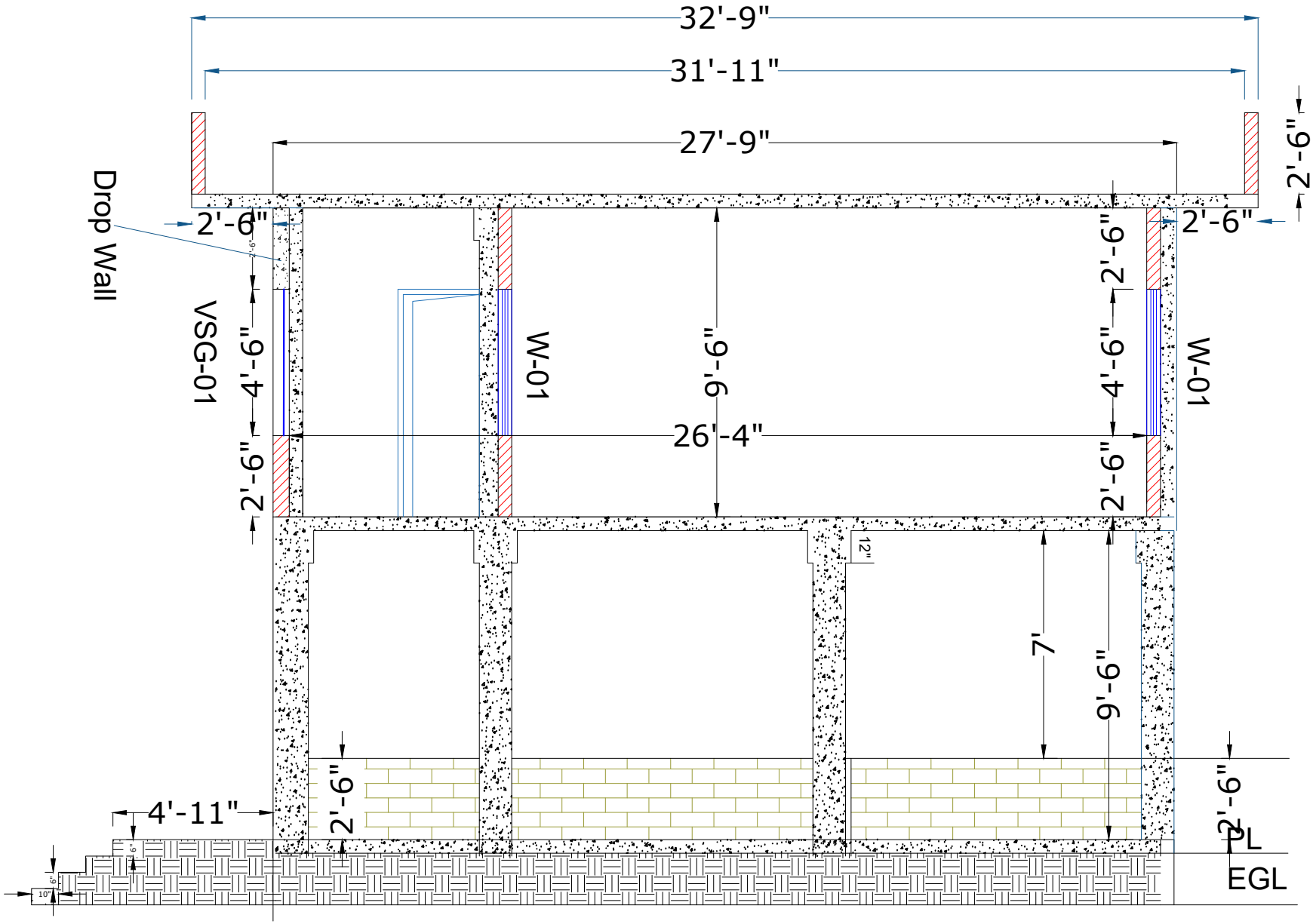
W-02=Window Size(LXH)=2'-8"x3'-6"


B
A
62'-6"
7'-11"
7'-11"
7'-11"
7'-11"
7'-11"
7'-7"
7'-4"
61'-8"
All Column Size=12"x12"
Floor Height=9'-6"
Ground Floor Internal Wall Height=2'-6"
Ground Floor Outer Wall Height=3'-0"
9'-3"
6'-8"
6'-8"
8'-4"
62'-6"
2'-6"
25'-9"
25'-5"
19'-6"
27'-9"
9'-3"
26'-4"
26'-4"
13'-10"
8'-4"
13'-5"
27'-9"
53'-4"
Up
2'-7"
7'-11"
7'-11"
7'-11"
7'-11"
7'-11"
7'-7"
Collapsible Gate-01
Entry
5'-3"
5'-3"
5'-10"
7'-11"
7'-11"
7'-11"
7'-11"
Stair
Landing
Here 1st floor Stair and Landing
5'
5'
Existing Ramp ,Condition Damage
Landing
7'-11"
2'-6"
Short Column for Outside Stair
Outside Stair for Up 1st Floor
10"
17'
Stair 10"
10"
27'-9"
Entry
A
B
W
S
N
E
Ground Floor Plan
18 No.West Kaikhali Govt. Primary School

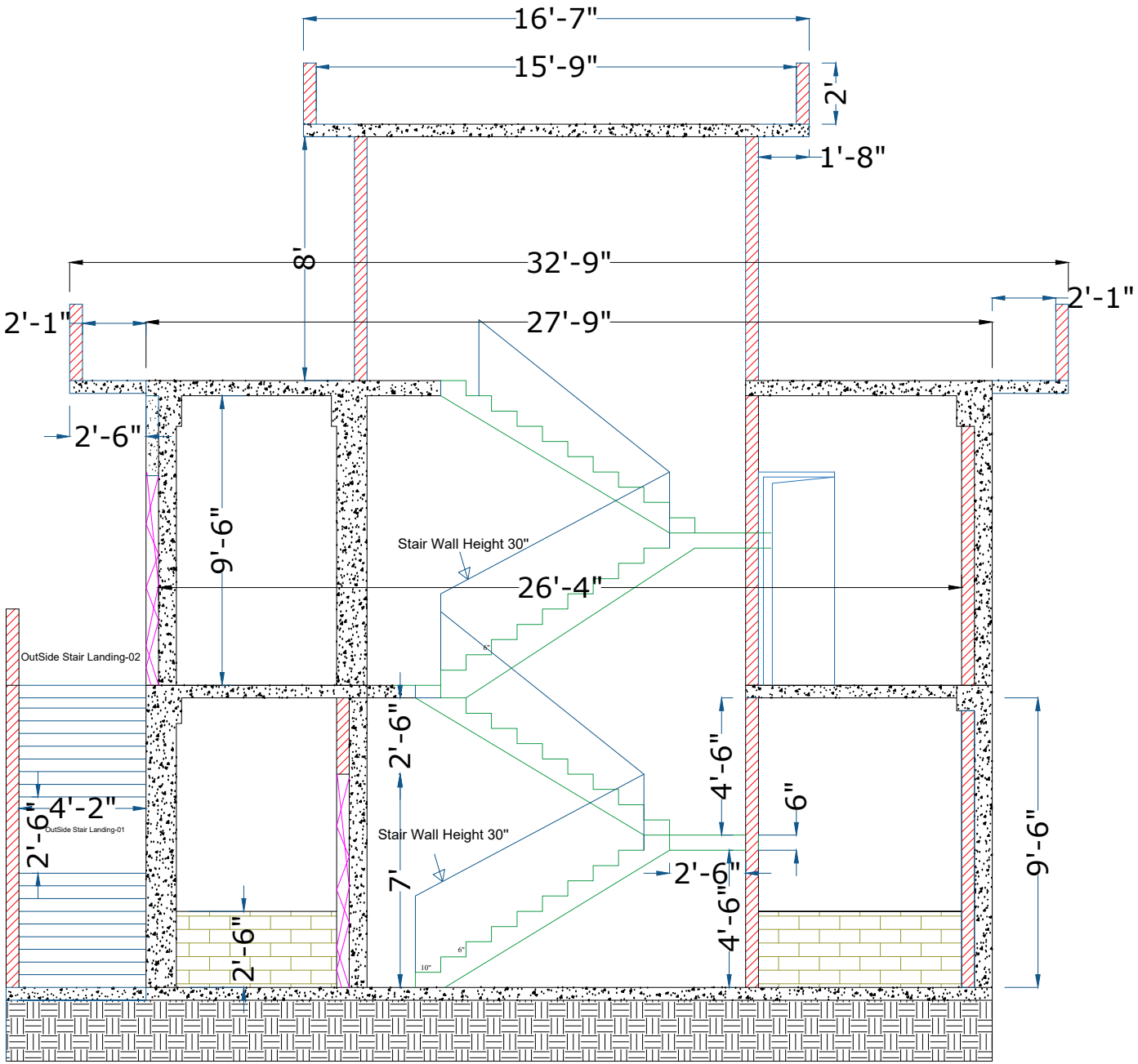

A
B
62'-6"
2'-5"
4'
5'
4'
5'
4'
2'-2½"
3'-5½"
4'
4'-0½"
4'
3'-11½"
4'
5'-5"
4'
2'-1"
W-01
7'-11"
Store Room
6'-8"
4'
1'-4"
D-01
26'-5½"
26'-5½"
Class Room
Note That: one Class Room Temporary
Divide Two Class Room by C.G.I Sheet
2'-6"
27'-9"
Teacher's Room
27'-2"
19'-6"
13'-5"
Up
W-02
D-01
TV-02
VSG-02
W-01
D-02
6'
4'-3"
Female Toilet
Male Toilet
4'
6'-5"
5'-3"
52'-2"
Verandha
VSG-02
Collapsible
Gate-02
7'-11"
TV-01
VSG-01
Here 1st floor Stair and Landing
4'-2"
8'-0"
Landing
W
S
N
E
1st Floor Plan
18 No.West Kaikhali Govt. Primary School



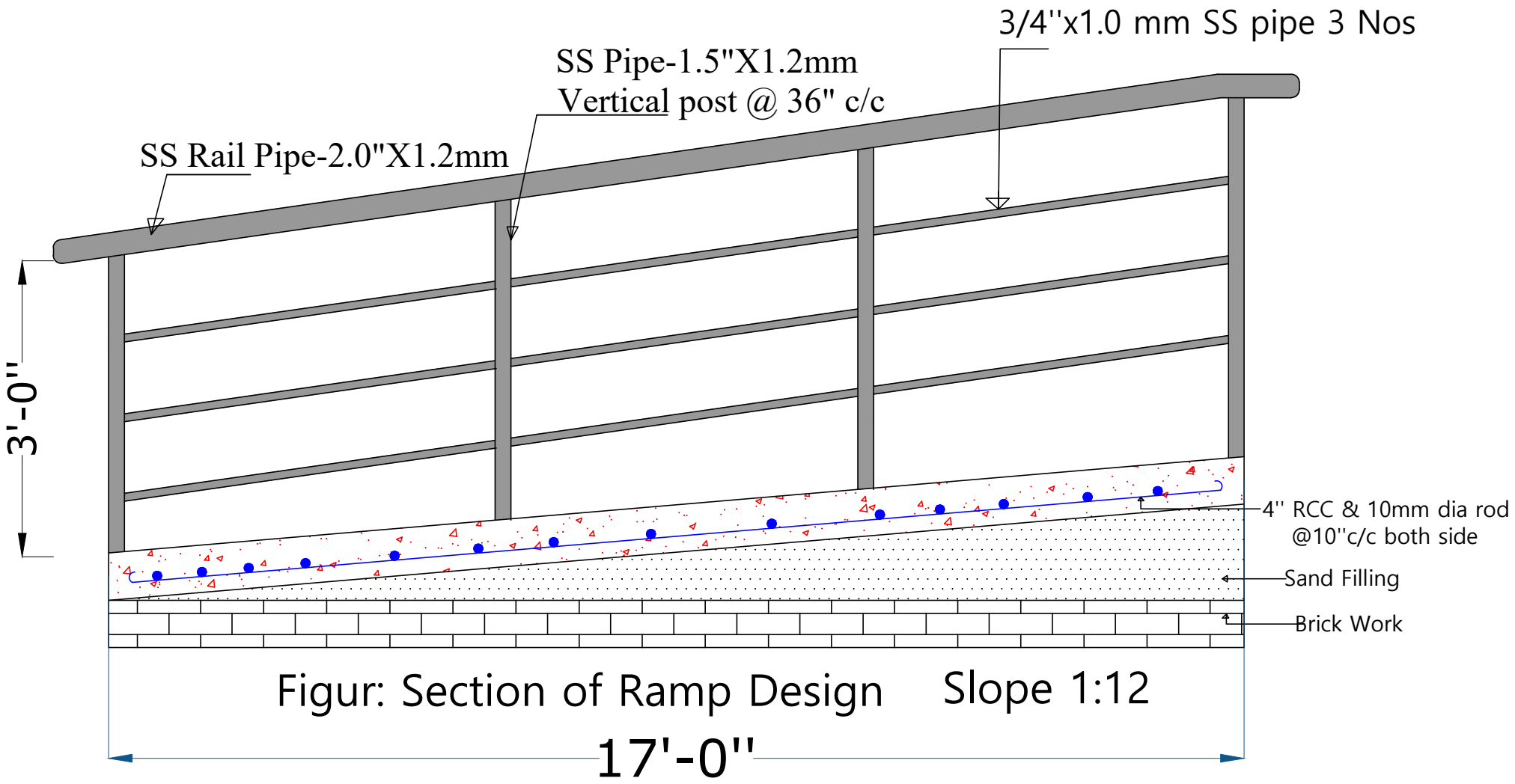
Roof Plan
18 No.West Kaikhali Govt. Primary School


32'-9"
31'-11"
27'-9"
2'-6"
Drop Wall
2'-6"
2'-6"
VSG-01
4'-6"
2'-6"
W-01
9'-6"
26'-4"
2'-6"
4'-6"
2'-6"
W-01
12"
7'
9'-6"
2'-6"
2'-6"
4'-11"
PL
EGL

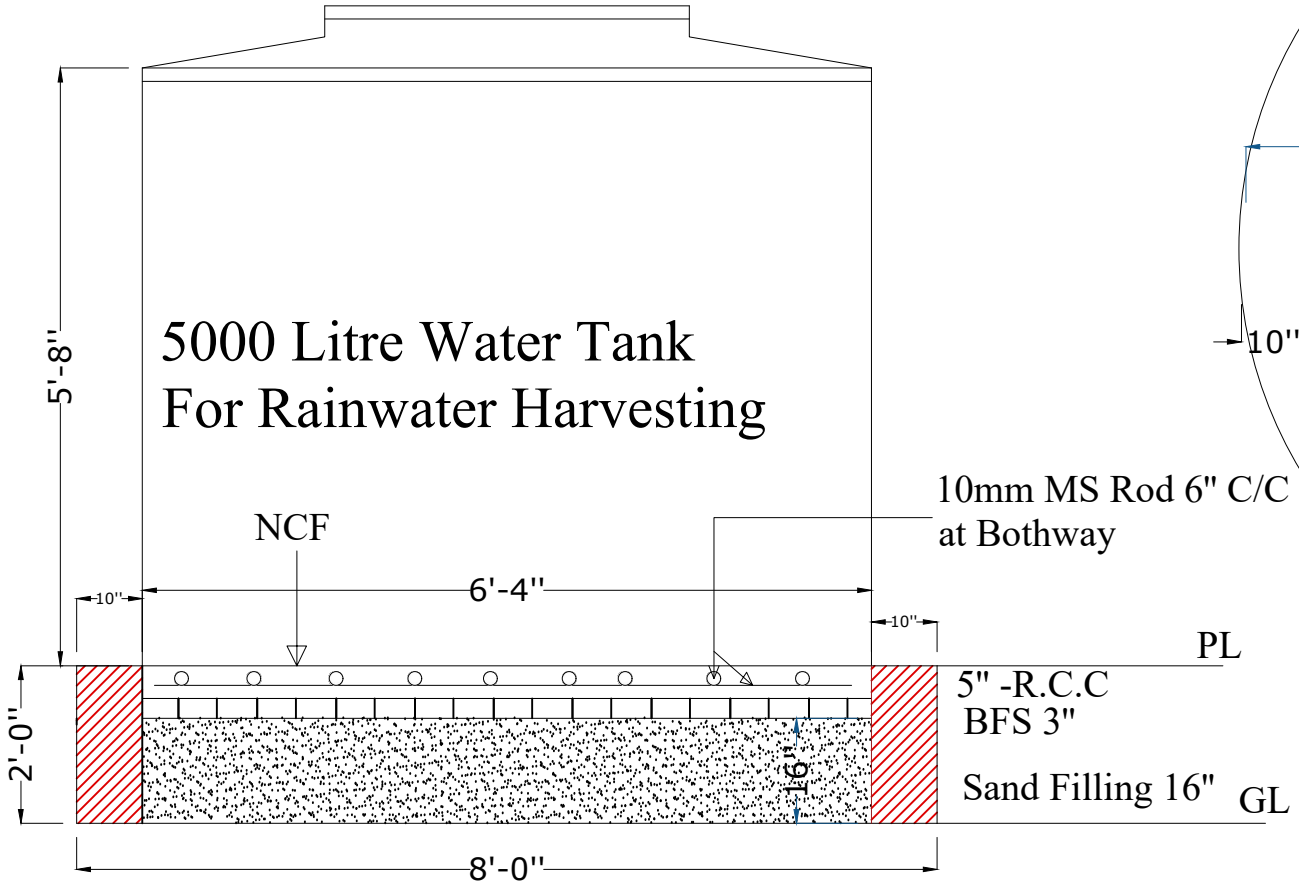
A-A (Section)


16'-7"
15'-9"
2'
1'-8"
8'
32'-9"
2'-1"
27'-9"
2'-1"
2'-6"
9'-6"
Stair Wall Height 30"
26'-4"
OutSide Stair Landing-02
2'-6"
4'-6"
6"
9'-6"
4'-2"
OutSide Stair Landing-01
2'-6"
Stair Wall Height 30"
7'
2'-6"
4'-6"
2'-6"

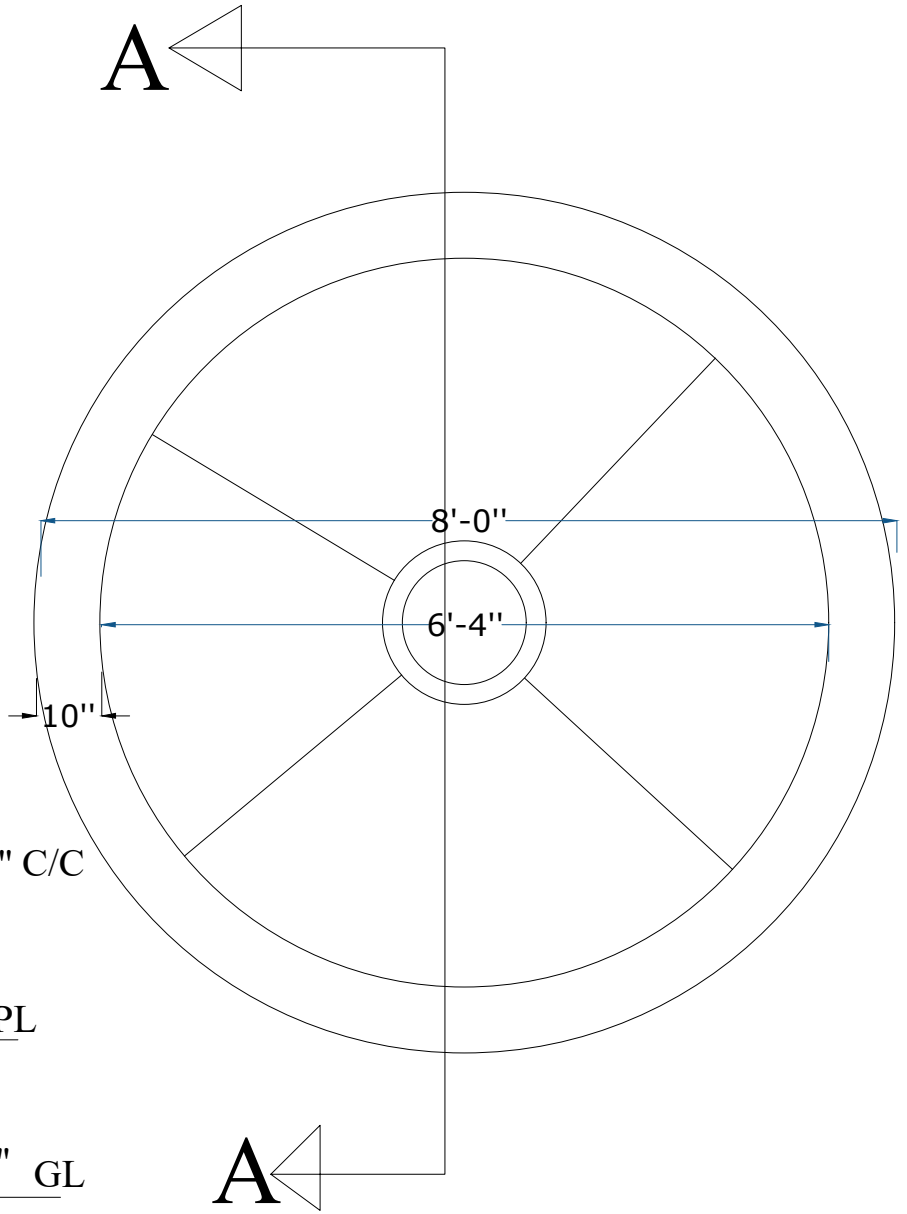
B-B (Section)



Figur: Section of Ramp Design Slope 1:12



Section A-A



Rainwater Harvesting Plan & Section Design

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
School name: 18 No. West Kaikhali Govt.Primary School, Location: Kaikhali, Shayamnagar, Satkhira.					
Types of work: RCC Work, Plaster**,** Solar power system with electrical wiring, WASH room Renovation, Water harvesting system Renovation, protection grill, MS Stair, Wooden partition, Collapsible security gate,Air Terminal installation, and various repairing and painting work.					
A1	**DISMANTLING WORK :** Dismantling following items carefully including staking of serviceable materials and removal/disposal and cleaning of unserviceable debris to suitable places as per direction of concerned site authority. Necessary precautions to be taken for safety of other services (electric, water, gas, telephone, etc) during dismantling, removing & cleaning all particles to a safe distance or as per direction.				
1.1	Plaster Removal work as per need and as per direction from the field supervisor	sqm	219.31		
1.2	Roof Patten Stone Removal Work as per direction from the field supervisor	sqm	250.45		
A2	**REPAIRING WORK :** Repairing work of all damaged goods , as nessesary, and making goods in all respect including all materials, labors, etc., complete in all respect.				
2.1	**Plastering work with NCF:** Minimum 25mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall & total floor area (1:4) with cement up to 150mm below ground level with neat cement finishing in/c washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				
	Plaster work as per need and as per direction from field supervisor	sqm	76.27		
2.2	**Plaster Work:**Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to both inner-and outer surface of wall, finishing the corner and edges including washing of sand, cleaning the surface, curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in charge. (Cement: CEM-II/B-M)				
	Plaster work as per need and as per direction from field supervisor	sqm	143.04		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
School name: 18 No. West Kaikhali Govt.Primary School, Location: Kaikhali, Shayamnagar, Satkhira.					
2.3	**25 mm thick artificial patent stone in Roof (1:2:4)** Mixing with cement, best quality coarse sand (50% quantity of Sylhet sand or coarse sand of equivalent F.M. 2.2 and 50% best quality local sand of FM 1.2) and 12 mm down well graded stone chips, laying the concrete in alternate panels, compacting and finishing the top with neat cement and curing at least for 7 days in all floors including cost of water,electricity and other charges etc. (Cement: CEM-II/B-M) .including NCF) all complete and accepted by the Engineer-in-charge.				
	Patten Stone work as per need and as per direction from field supervisor	Sqm	250.45		
2.4	**Exterior standard acrylic emulsion paint(Weather Coat-Berger Smooth)** of approved best quality and color having water resisting properties and resistance properties against fungi, fading & flaking delivered from authorized local agent of the manufacturer in a sealed container; applying to exterior surface with surface container; applying to exterior surface with surface container; applying to exterior surface with surface preparation including cleaning, drying, making free from dirt, preparation including cleaning, drying, making free from dirt, preparation including cleaning, drying, making free from dirt,preparation including cleaning, drying, making free from dirt,preparation including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding;sealer of specified brand on prepared surface; then applying applying necessary exterior necessary exterior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 2 coats of exterior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc.up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in-charge.	Sqm	421.21		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
School name: 18 No. West Kaikhali Govt.Primary School, Location: Kaikhali, Shayamnagar, Satkhira.					
2.5	**Interior standard acrylic emulsion paint (plastic Paint)** of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling with surface preparation including cleaning drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying necessary interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray& necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in-charge.	sqm	520.02		
2.6	**Enamel Paint:**Painting to door frames and shutters, window grills, frames and shutters and collapsible gate, outside dado wall and roof cornice in 1 coat red oxide as primary sealer then 02 coats with approved best quality and colour Synthetic Enamel Paint (Berger) delivered from authorized local agent of the manufacturer in a sealed container, having highly water resistant, high bondibilty, flexible, using specific brand thinner applied by brass/roller/spray over a coat of priming elapsing time for drying including surface cleaning from dust, oil of dirt, smoothening, finishing and polishing with sand paper and necessary tools, scaffolding etc, All complete as approved and accepted by the Engineer	sqm	103.17		
A3	**Steel/MS Angle/MS Bar WORK :** Repairing work of all damaged goods , as nessesary, and making goods in all respect including all materials, labors, etc., complete in all respect.				
3.1	Repairing of steel /ms grill, window , shutter, railling, gate, excluding the cost of steel materials , only repair (All locking systems of door and windows, minor repair wooden door-, minor repair window)	L/S	1		
3.2	**Steel Door (Size-3'-3"x7')**: Supply,Fitting,Fixing,Remove Existindg Door and install new Door. Door Frame angle-1.5"x1.5"x5mm, Panel frame angle 1"x1"x4mm, use 3/4" x4mm flatbar, GI Sheet-22 gauge as per design & direction (Making & Supplying, use 1 coat red oxcide paint & 60 grade BSRM angle & flatbar)	Nos	1		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.					
SL	**Description of Item**	**Unit**	**Pre.Qty**	**Unit price**	**Amount (Tk.)**
School name: 18 No. West Kaikhali Govt.Primary School, Location: Kaikhali, Shayamnagar, Satkhira.					
3.3	**Steel Door (Size-2'-1"x6'-2"): Supply,Fitting,Fixing,Remove Existindg Door and install new Door**Door Frame angle-1.5"x1.5"x5mm, Panel frame angle 1"x1"x4mm, use 3/4" x4mm flatbar, GI Sheet-22 gauge as per design & direction **(Making & Supplying, use 1 coat red oxcide paint & 60 grade BSRM angle & flatbar)**	Nos	1		
3.4	**Collapsible security gate-1nos** (First landing of stair and 1st floor): Manufacturing, supplying, fitting and fixing size 1"x1"x1/8" M.S. Angle placed @ 112 mm c/c vertically and connecting the same with each other by 20 x 3 mm M.S flat bar scissors 525 mm/ 600 mm long provided in 3 rows including cutting the different M.S. members to required sizes, fabricating, welding, riveting with required size rivets, providing required size wheels, pulling handles on both sides, suitable locking arrangements at 3 places, greasing, etc, and finally placing the same in position in between 2 (two) Nos. 50 x 50 x 6 mm M.S. Tee rail made by welding 2 Nos. 50 x 6 mm M.S. flat bar fitted and fixed at top and bottom with R.C.C. lintel, floors and side wall with required Nos. 150 mm to 225 mm long 38 x 4 mm M.S. flat bar clamps one end welded with the gate member and the other end bifurcated and embedded in C.C. at the respective point including cutting holes and mending good the damages by pouring concrete into the holes and finishing, etc complete, including painting 2 (two) coats with best quality synthetic enamel paint (Berger/Asian) in suitable colour over a coat of anticorrosive painting, etc. complete in all respect.	sqm	5.2		
A4	Tiles Work				
4.1	**Supplying, Fitting and Fixing Country Made Glazed Wall Tiles** (Fresh A Grade Tiles,Tiles Size-8"x12", Tiles Supplying, fitting and fixing country made glazed wall tiles complying BDS ISO 13006: 2015, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc. including cost of water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M)				
	Wall tiles less than, equal or equivalent to 250 mm x 330 mm in sizes	sqm	43.63		

Project: Good Neighbors Japan DRR Project, Shayamnagar.					
SL	**Description of Item**	**Unit**	**Pre.Qty**	**Unit price**	**Amount (Tk.)**
School name: 18 No. West Kaikhali Govt.Primary School, Location: Kaikhali, Shayamnagar, Satkhira.					
4.2	**Supplying, Fitting and Fixing Country Made Floor Tiles** (Fresh A Grade Tiles ,Tiles Size-12''x12''or 12''x16'', Tiles Code-3HF10) homogeneous matt finished/ rustic floor tiles complying BDS ISO 13006: 2015, water absorption ≤ 0.5%, modulus of rupture (MOR) ≥ 27 N/mm2, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:4) base and raking out the joints with white cement including cutting and laying the tiles in proper way and finishing with care etc. all complete and accepted by the Engineer-in-charge.				
	GP (homogeneous) 400 mm x 400 mm floor tiles and 300 mm x 300 mm	sqm	5.06		
4.3	**Stair Tiles:**Supplying, fitting and fixing country made GP homogeneous stair tiles having non skidding offsets,complying BDS ISO 13006: 2015, water absorption ≤ 0.5% complying BDS ISO 13006: 2015, water absorption ≤ 0.5% complying BDS ISO 13006: 2015, water absorption ≤ 0.5%&/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:4) base and raking out the joints with white cement including cutting and laying the tiles in proper way and finishing with care etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) In ground floor				
	Stair Tiles Work Done as per instruction of Engineer-in-Charge	sqm	5.18		
4.5	**Supplying, Fitting and Fixing 20 mm to 25 mm Thick Machine Made Cement Parking Tiles**(Ramp) having minimum compressive strength of 27 MPa, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:4) base and making the joints carefully in true straight line including cutting, laying and hire charge of machine and finishing with care etc. including water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M)				
	Pavement tiles of size 300 mm x 300 mm	sqm	8.69		
A5	Others Activities				

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.					
SL	**Description of Item**	**Unit**	**Pre.Qty**	**Unit price**	**Amount (Tk.)**
School name: 18 No. West Kaikhali Govt.Primary School, Location: Kaikhali, Shayamnagar, Satkhira.					
5.1	**Sand Filling in Ramp and Rainwater Harvesting platform:** Sand filling in foundation trenches and plinth with sand having minimum F.M. 0.8 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge	Cum	4.3		
5.2	**One layer brick flat soling in Ramp and Rainwater Harvesting platform** in foundation or in floor with first class/picked jhama bricks (BDS 208) including preparation of bed and filling the interstices with local sand, leveling etc.complete and accepted by the Engineer-in-Charge.	sqm	12.57		
5.3	RCC WORKS: 1:2:4 (measured on gross concrete section) (f'c = 19 MPa, minimum f'cr = 26 MPa in nominal mix 1:2:4), with Brick Chips (Sand of F.M. 1.2 and F.M. 2.2 in equal proportion)Reinforced cement concrete works with minimum cement content relates to mix ratio 1:2:4 having maximum water cement ratio = 0.45 and minimum f'cr = 26 MPa, satisfying a specified compressive strength f'c= 19 MPa at 28 days on standard cylinders as per standard practice of Code ACI / BNBC, cement conforming to BDS EN-197-1-CEM-I, 52.5N,best quality sand [50% quantity of best local sand (F.M. 1.2) and 50% quantity of Sylhet sand or coarse sand of equivalent F.M. 2.2] and 20 mm down well graded picked jhama brick chips conforming to ASTM C-33 including conducting necessary tests, breaking chips and screening, making and placing shutter in position maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering)	Cum	1.17		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

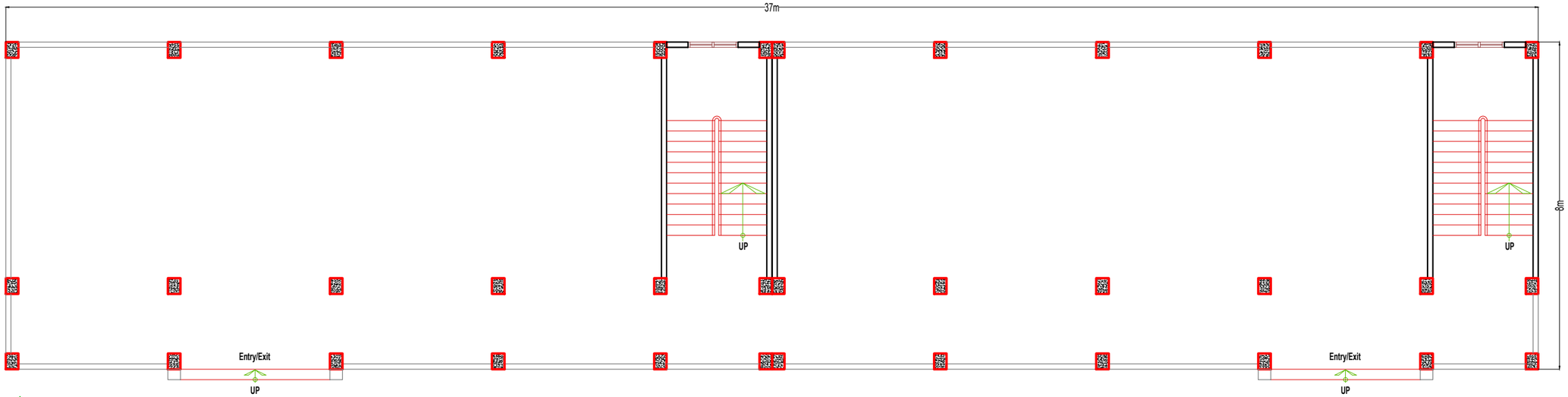
SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
School name: 18 No. West Kaikhali Govt.Primary School, Location: Kaikhali, Shayamnagar, Satkhira.					
5.4	**500W deformed bar:** Supplying, fabrication and fixing to detail as per design : ribbed or deformed bar reinforcement of (i) BSRM/ (ii) KSRM / (iii) GP ISPAT for Reinforced cement concrete, produced and marked in accordance with BDS ISO 6935 - 2: 2006 (or standard subsequently released from BSTI) including straightening and cleaning rust, if any, bending and binding in position with supply of G.I. wires, necessary laboratory tests (excluding splices or laps) etc. complete in all respect and accepted by the Engineer-incharge				
	Re-bar Works as per need and as per direction from the field supervisor	kg	68.4		
5.5	**250mm Brick works with first class bricks** and above with cement sand (F.M. 1.2) mortar (1:6) in Foundation,Pillar, Grade Beam and plinth, filling the joints/interstices fully with mortar, racking out the joints, cleaning and soaking the bricks at least for 24 hours before use and curing at least for 7 days etc. all complete including cost of water, electricity and other charges and accepted by the Engineer-in-charge.(Cement: CEM-II/B-M)	Cum	1.86		
5.6	**SS Railing work for Ramp:** Supplying, fitting and fixing all necessary materials including labour charge (2"x 1.2mm top rail pipe & 1.5"x 1.2mm vertical post @ 3 feet c/c & 2 nos Miner boll 3" dia fitting, 3/4" x1.0mm pipe @ 4 nos at side bottom rail) as per design & direction engineer in charge (all ss pipe SKV/Steel-tech/Nihan/Equivalent brand)	Sft	102		
A6	**Electrical Work**				
6.1	**Supplying, fitting fixing of electrical switch**,socket, cable, holder, light, MDB, including all necessary fittings, hardware and consumables etc. all complete approved and accepted by the Engineer	L/S	1		
6.2	**1 KW Solar System**				
	Supply, Installation, Testing, Commissioning & Validation of 1KW Solar System and other required accessories as per design, drawing and Instruction of Engineer-in-charge.	set	1		
6.3	**Air Terminal.**				
	Supply and installation of 12.7mm dia 600mm long solid copper rod- air terminal shall be fixed on 4" long 2" dia G.I pipe, complete with 7" x 7" x 0.39" size GI base plate. Supply and installation of conductors of 70sq.mm Bare Copper cable complete with all fitting/fixing materials.	nos	4		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
School name: 18 No. West Kaikhali Govt.Primary School, Location: Kaikhali, Shayamnagar, Satkhira.					
A7	**Sanitary and Water Harvesting Work**				
7.1	Supply,fitting,Installation,Repairing 2 nos toilets with 1 High Commod and One(1) Long pan with Footrest (Basin,Mirrior,Handrail,Soap Case,Toilet Tiisue Holder,Toilat Handrail) necessary fittings, fixturesother necessary items as per direction of Engineer-in-Charge	L/S	1		
7.2	Installation of Rain Water Harvesting technology with 5000-liter water tank, Catchment system,Pipes, fittings, valves, Filtration,Pump or outlet mechanism, Labor & transport				
	5000 Dable layer Plastic Water Tank	nos	1		
7.3	(38mmX38mmX4mm) Ms Angle	Kg	20		
7.4	20 BWG galvanized .42mm Dhew Tin for Shed (3*10)feet	Pcs	4		
7.5	Catchment system,Pipes, fittings, valves, Filtration,Pump or outlet mechanism, Labor & transport	L/S	1		
				(This Rate includes VAT & AIT) Total	**-**

46 NO PATAKHALI GOVT. PRIMARY SCHOOL



GROUND FLOOR PLAN

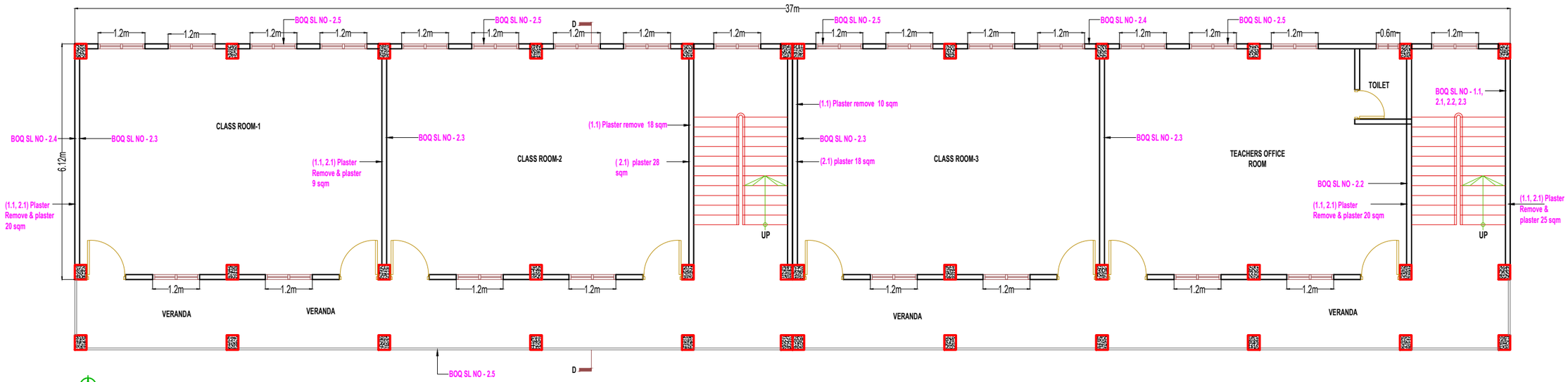
46 NO PATAKHALI GOVT. PRIMARY SCHOOL

PROJECT NAME: 46 NO PATAKHALI GOVT. PRIMARY SCHOOL

PAGE SL NO : 01

DATE : 16.12.2025

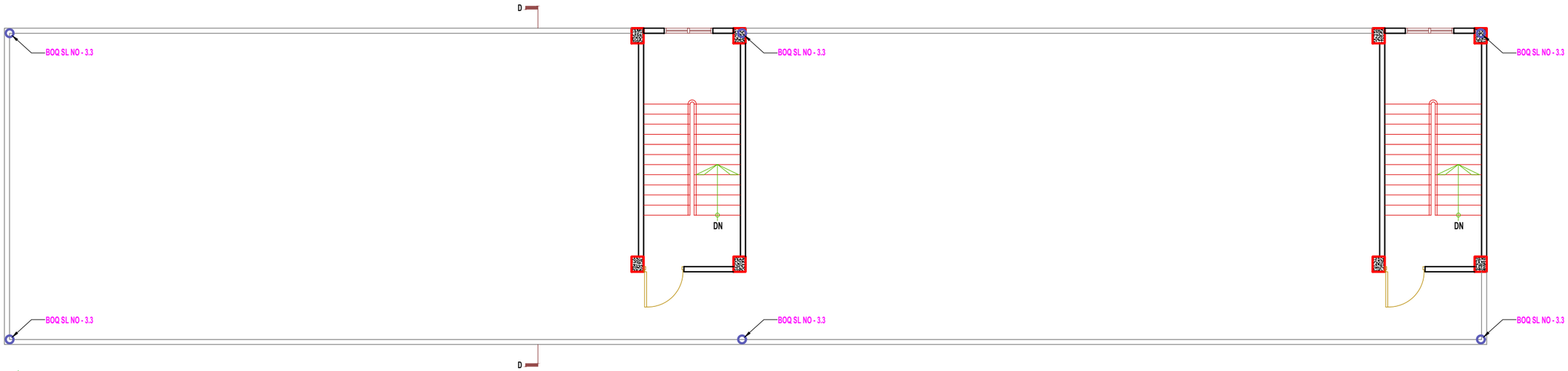
NOTE:
2.3) ALL INSIDE WALL ARE PAINTED BY PLASTIC PAINT
2.4) ALL OUTER WALL ARE PAINT BY WEATHER COAT SMOOTH
2.5) ALL WINDOWS AND HIGH WINDOW ARE COATED BY ENAMEL PAINT



1ST FLOOR PLAN

46 NO PATAKHALI GOVT. PRIMARY SCHOOL

PROJECT NAME: 46 NO PATAKHALI GOVT. PRIMARY SCHOOL
PAGE SL NO : 02
DATE : 16.12.2025



ROOF PLAN

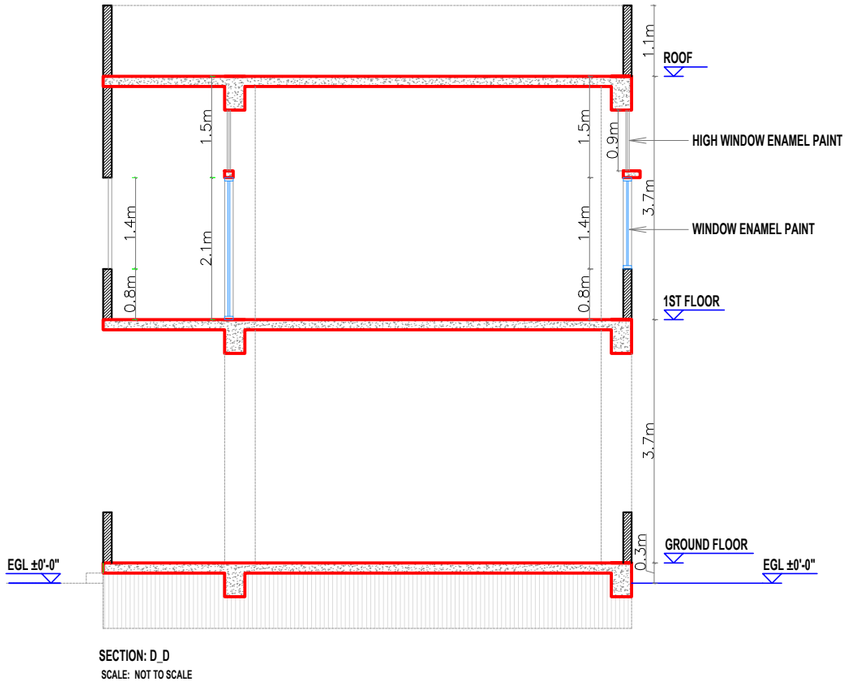
46 NO PATAKHALI GOVT. PRIMARY SCHOOL

PROJECT NAME: 46 NO PATAKHALI GOVT. PRIMARY SCHOOL

PAGE SL NO : 03

DATE : 16.12.2025

NOTE:
2.8) ALL INSIDE WALL ARE PAINTED BY PLASTIC PAINT
2.9) ALL OUTER WALL ARE PAINT BY WEATHER COAT SMOOTH
2.5) ALL WINDOWS & HIGH WINDOW ARE COATED BY ENAMEL PAINT



SECTION: D_D
SCALE: NOT TO SCALE

PROJECT NAME: 46 NO PATAKHALI GOVT. PRIMARY SCHOOL
PAGE SL NO : 04
DATE : 16.12.2025

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
School name: 46 no. Patakhali Gove Primary School, Location: Patakhali, Poddhopukur, Shayamnagar, Satkhira					
Types of work: Plaster**,** Solar power system with electrical wiring, WASH room Renovation, Water harvesting system installation, Air Terminal installation, and various repairing and painting work.					
A1	**DISMANTLING WORK :** Dismantling following items carefully including staking of serviceable materials and removal/disposal and cleaning of unserviceable debris to suitable places as per direction of concerned site authority. Necessary precautions to be taken for safety of other services (electric, water, gas, telephone, etc) during dismantling, removing & cleaning all particles to a safe distance or as per direction.				
1.1	Plaster Removal work as per need and as per direction from the field supervisor	sqm	100		
A2	**REPAIRING WORK :** Repairing work of all damaged goods , as nessesary, and making goods in all respect including all materials, labors, etc., complete in all respect.				
2.1	**Plastering work with:** Minimum 25mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall & total floor area (1:4) with cement up to 150mm below ground level with neat cement finishing in/c washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				
	Plaster work as per need and as per direction from field supervisor	sqm	120		
2.2	**Neat cement finishing** to plinth wall & total floor area (1:4) with cement up to 150mm below ground level with neat cement finishing in/c washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
School name: 46 no. Patakhali Gove Primary School, Location: Patakhali, Poddhopukur, Shayamnagar, Satkhira					
	Neat cement finishing work as per need and as per direction from field supervisor	sqm	5		
2.3	**Interior standard acrylic emulsion paint (plastic or matt finish)** of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger robbialac plastic emulsion) in a sealed container; applying to interior wall and ceiling with surface preparation including cleaning drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying 1 coat of interior sealer of specified brand on prepared surface; then applying 1 coat of interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 1 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors andaccepted by the Engineer-in charge.	sqm	200		
2.4	**Exterior standard acrylic emulsion paint (Berger weather coat smooth)**of approved best quality and color having water resisting properties and resistance properties against fungi, fading & flaking delivered from authorized local agent of the manufacturer (Berger weather coat smooth) in a sealed container; applying to exterior surface with surface preparation including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying 1 coat of exterior sealer of specified brand on prepared surface; then applying 1 coat of exterior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 1 coats of exterior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in charge.	sqm	200		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
School name: 46 no. Patakhali Gove Primary School, Location: Patakhali, Poddhopukur, Shayamnagar, Satkhira					
2.5	**Enamel paint:** 1 coat red oxide as primary sealer and then 2 coats with best quality, prescribed colour synthetic enamel paint delivered from authorized local agent of the manufacturer in a sealed container, using specific brand thinner applied by brass / roller / spray over a coat of priming elapsing time for drying including surface cleaning from dust & previous paint, oil or dirt, smoothening, finishing and polishing with sand paper and necessary tools, scaffolding etc. Before start painting putting (Good quality and durable) should be used to close holes on windows. All complete in all respect .	sqm	87		
A3	**Electrical Work**				
3.1	**Supplying, fitting fixing of electrical switch**,socket, cable, holder, light, Fan, SDB, MDB, including all necessary fittings, hardware and consumables etc. all complete approved and accepted by the Engineer	L/S	1		
3.2	**2 KW Solar System**				
	Supply, Installation, Testing, Commissioning & Validation of 2KW Solar System and other required accessories as per design, drawing and Instruction of Engineer-in-charge.	L/S	1		
3.3	**Air Terminal.**				
	Supply and installation of 12.7mm dia 600mm long solid copper rod- air terminal shall be fixed on 4" long 2" dia G.I pipe, complete with 7" x 7" x 0.39" size GI base plate. Supply and installation of conductors of 70sq.mm Bare Copper cable complete with all fitting/fixing meterials.	nos	6		
A4	**Sanitary and Water Harvesting Work**				
4.1	Repairing toilets with the necessary fittings, fixtures as per need and as per direction from the field supervisor	L/S	1		
4.2	Installation of Rain Water Harvesting technology with 5000-liter water tank, Brick foundation, Catchment system,Pipes, fittings, valves, Filtration,Pump or outlet mechanism, Labor & transport				
4.2.1	5000 Dable layer Plastic Water Tank	nos	1		
4.2.2	(38mmX38mmX4mm) Ms Angle	Kg	20		

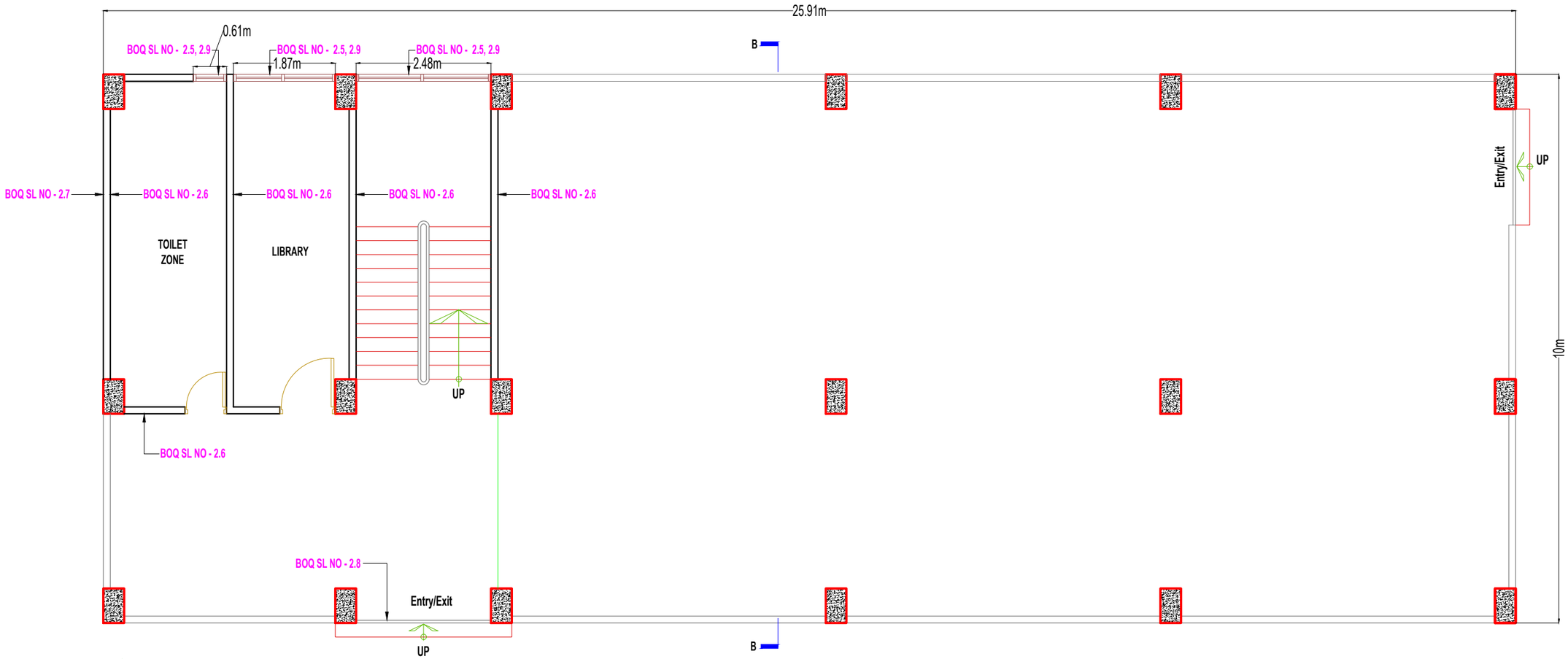
BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
School name: 46 no. Patakhali Gove Primary School, Location: Patakhali, Poddhopukur, Shayamnagar, Satkhira					
4.2.3	**250mm Brick Foundation** in cement sand (F.M. of sand 1.2) mortar (250mm Brick Foundation and ratio 1:4) in floor, parapet wall, filling the joints/interstices fully with mortar racking out the joints, cleaning and soaking the bricks at least for 24 hours before use and curing at least for 7 days etc. all complete including cost of water, electricity & other charges and accepted by the Engineer.	Cum	2		
4.2.4	20 BWG galvanized .42mm Dhew Tin for Shed (3*10)feet	Pcs	4		
4.2.5	Catchment system,Pipes, fittings, valves, Filtration,Pump or outlet mechanism, Labor & transport	L/S	1		
				(This Rate includes VAT & AIT) Total	**-**

159 NO KOIKHALI ADARSHA GOVT. PRIMARY SCHOOL

NOTE:
2.6) ALL INSIDE WALL ARE PAINTED BY PLASTIC PAINT
2.7) ALL OUTER WALL ARE PAINT BY WEATHER COAT SMOOTH
2.9) ALL DOOR, WINDOW, PROTECTION GRILL ARE COATED BY ENAMEL PAINT

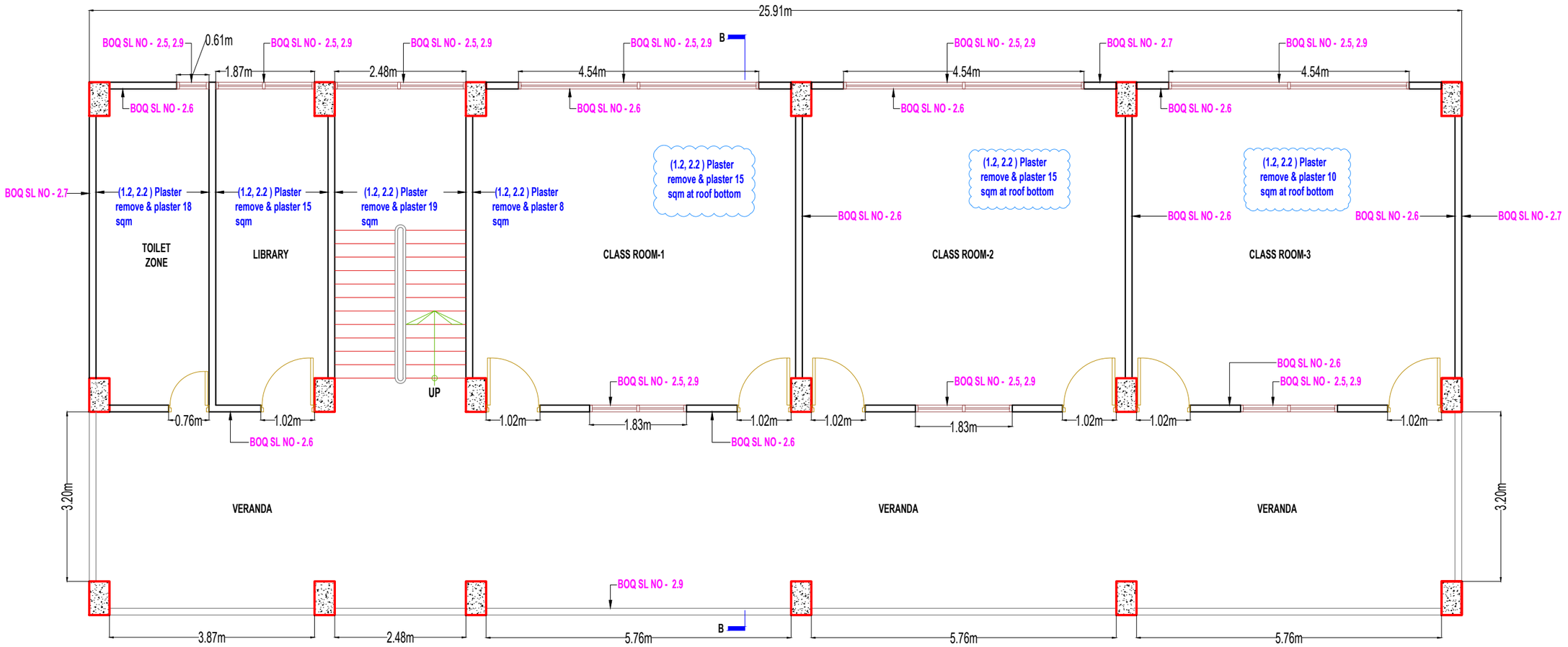


GROUND FLOOR PLAN

159 NO KOIKHALI ADARSHA GOVT. PRIMARY SCHOOL

PROJECT NAME: 159 NO KOIKHALI ADARSHA GOVT. PRIMARY SCHOOL
PAGE SL NO : 01
DATE : 16.12.2025

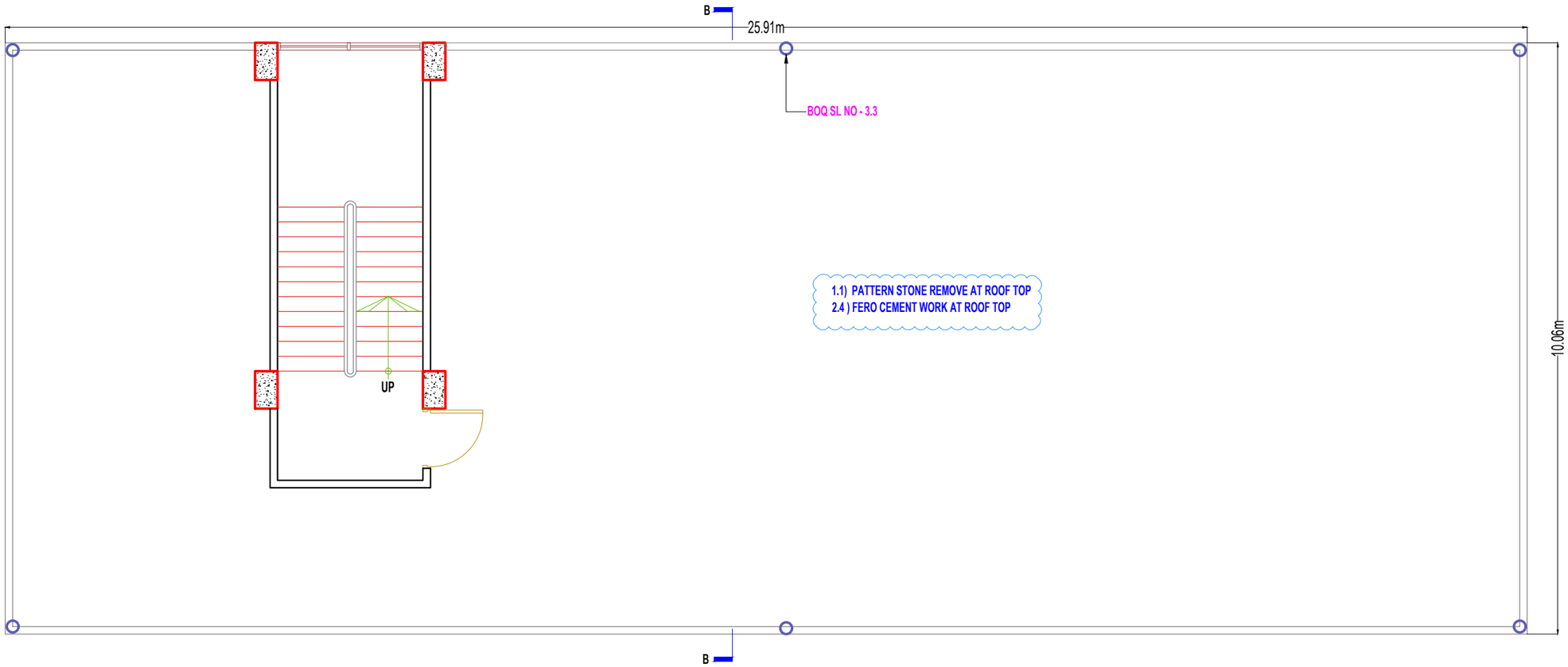
NOTE:
2.6) ALL INSIDE WALL ARE PAINTED BY PLASTIC PAINT
2.7) ALL OUTER WALL ARE PAINT BY WEATHER COAT SMOOTH
2.9) ALL DOOR, WINDOW, PROTECTION GRILL ARE COATED BY ENAMEL PAINT



1ST FLOOR PLAN

159 NO KOIKHALI ADARSHA GOVT. PRIMARY SCHOOL

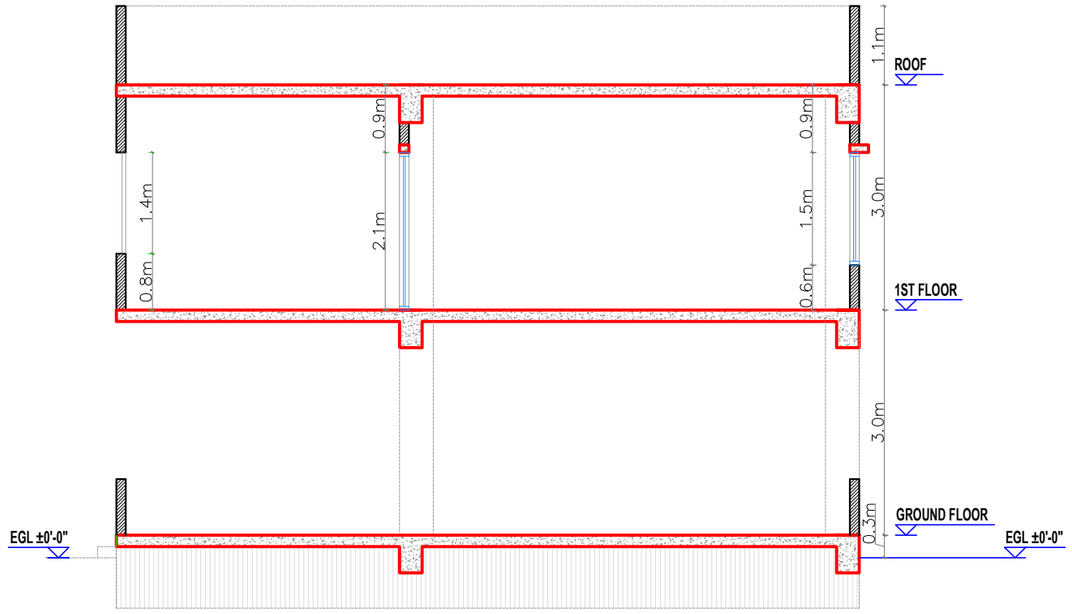
PROJECT NAME: 159 NO KOIKHALI ADARSHA GOVT. PRIMARY SCHOOL
PAGE SL NO : 02
DATE : 16.12.2025



ROOF PLAN

159 NO KOIKHALI ADARSHA GOVT. PRIMARY SCHOOL

PROJECT NAME: 159 NO KOIKHALI ADARSHA GOVT. PRIMARY SCHOOL
PAGE SL NO : 03
DATE : 16.12.2025



SECTION: B_B

159 NO KOIKHALI ADARSHA GOVT. PRIMARY SCHOOL

PROJECT NAME: 159 NO KOIKHALI ADARSHA GOVT. PRIMARY SCHOOL

PAGE SL NO : 04

DATE : 16.12.2025

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
	School name: 159 no. Kaikhali Adarsha Govt. Primary School. Location: Koikhali, Shayamnagar, Satkhira.				
	Types of work: Plaster,Solar power system with electrical wiring, WASH room Renovation, Water harvesting system installation, protection grill, patent stone casting on the roof, Air Terminal installation, and various repairing and painting work.				
A1	**DISMANTLING WORK :** Dismantling following items carefully including staking of serviceable materials and removal/disposal and cleaning of unserviceable debris to suitable places as per direction of concerned site authority. Necessary precautions to be taken for safety of other services (electric, water, gas, telephone, etc) during dismantling, removing & cleaning all particles to a safe distance or as per direction.				
1.1	Roof top existing patten stone removal work. Rain water removing pipes from top of roof.	sqm	250.00		
1.2	Plaster Removal work as per need and as per direction from the field supervisor	sqm	100		
A2	**REPAIRING WORK :** Repairing work of all damaged goods , as nessesary, and making goods in all respect including all materials, labors, etc., complete in all respect.				
2.1	**Cement concrete (CC):** In (Ground Floor & internal road) 75mm Thickness (1:1.5:3) with cement, coarse sand and picked jhama chips including breaking chips and one layer brick flat soling at bottom with first class or picked jhama bricks including cutting earth for preparation of bed and filling the interstices with local sand (F.M. 1.2) including finishing, dressing, curing at least for 7 days etc. all complete, including cosl of water, electricity, other charges accepted by the Engineer-in-charge	cum	1.5		
2.2	**Plastering work with:** Minimum 25mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall & total floor area (1:4) with cement up to 150mm below ground level with neat cement finishing in/c washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				
	Plaster work as per need and as per direction from field supervisor	sqm	100		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
2.3	**Neat cement finishing** to plinth wall & total floor area (1:4) with cement up to 150mm below ground level with neat cement finishing in/c washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				
	Neat cement finishing work as per need and as per direction from field supervisor	sqm	20		
2.4	25 mm thick ferrocement treatment work for water proofing on roof having minimum cement content relates to mix ratio 1:2 cement conforming to BDS EN-197-1-CEM-I, 52.5N, and best quality coarse sand (F.M. 2.2) including, the supply of all materials, cutting, binding of one layer of 20 BWG galvanized wire mesh having minimum yield strength fy = 450 MPa & having 2 mesh per 25 mm in both ways, clear cover 12 mm at the middle of the ferrocement lining, with washing of sand, chipping, cleaning the surface, watering, grouting, casting, laying on proper level of roof top or floor in panels (1.25 m x 1.25 m). Compaction including leveling, curing at least for 21 days including cost of water, electricity, in all respect as per drawing, design and accepted by the Engineer-in-charge.	sqm	238		
2.5	**Repairing of steel /ms gril**l, window , shutter, railling, gate, excluding the cost of steel materials , only repair (All locking systems of door and windows, minor repair wooden door-, minor repair window)	L/S	1		
2.6	**Interior standard acrylic emulsion paint (plastic or matt finish)** of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger robbialac plastic emulsion) in a sealed container; applying to interior wall and ceiling with surface preparation including cleaning drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying 1 coat of interior sealer of specified brand on prepared surface; then applying 1 coat of interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 1 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors andaccepted by the Engineer-in charge.	sqm	900		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

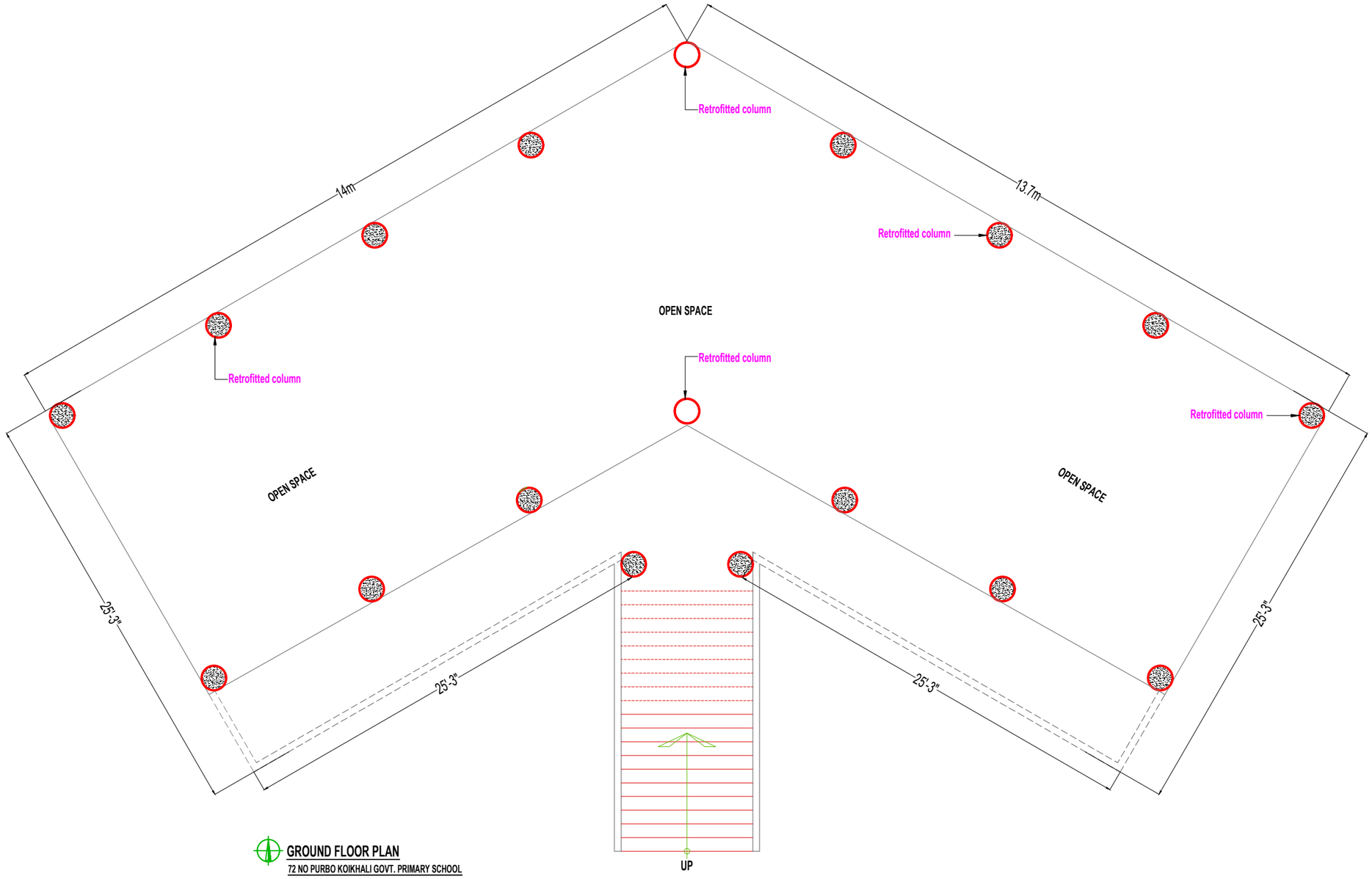
SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
2.7	**Exterior standard acrylic emulsion paint (Berger weather coat smooth)**of approved best quality and color having water resisting properties and resistance properties against fungi, fading & flaking delivered from authorized local agent of the manufacturer (Berger weather coat smooth) in a sealed container; applying to exterior surface with surface preparation including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying 1 coat of exterior sealer of specified brand on prepared surface; then applying 1 coat of exterior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 1 coats of exterior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in charge.	sqm	400.2		
2.8	**Protection grill** making, providing, fitting fixing all complete without painting. 8mm MS rod 5" C/C with 1.5"X1.5"X3mm MS angle made with good welding joint with flat bar clump. All complete as per direction from EIC and as per design.	KG	50		
2.9	**Enamel paint:** 1 coat red oxide as primary sealer and then 2 coats with best quality, prescribed colour synthetic enamel paint delivered from authorized local agent of the manufacturer in a sealed container, using specific brand thinner applied by brass / roller / spray over a coat of priming elapsing time for drying including surface cleaning from dust & previous paint, oil or dirt, smoothening, finishing and polishing with sand paper and necessary tools, scaffolding etc. Before start painting putting (Good quality and durable) should be used to close holes on windows. All complete in all respect .				
	Enamel paint work as per need and as per direction from field supervisor	sqm	90		
A3	**Electrical Work**				
3.1	**Supplying, fitting fixing of electrical switch**,socket, cable, holder, light, Fan, SDB, MDB, including all necessary fittings, hardware and consumables etc. all complete approved and accepted by the Engineer	L/S	1		
3.2	**2 KW Solar System**				
	Supply, Installation, Testing, Commissioning & Validation of 2KW Solar System and other required accessories as per design, drawing and Instruction of Engineer-in-charge.	Set	1		
3.3	**Air Terminal.**				
	Supply and installation of 12.7mm dia 600mm long solid copper rod- air terminal shall be fixed on 4" long 2" dia G.I pipe, complete with 7" x 7" x 0.39" size GI base plate. Supply and installation of conductors of 70sq.mm Bare Copper cable complete with all fitting/fixing meterials.	Nos	6		
A4	**Sanitary and Water Harvesting Work**				

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
4.1	Repairing 2 nos toilets with 1 High Commod and necessary fittings, fixtures	L/S	1		
4.2	Installation of Rain Water Harvesting technology with 5000-liter water tank, Brick foundation, Catchment system,Pipes, fittings, valves, Filtration,Pump or outlet mechanism, Labor & transport				
4.2.1	5000 Dable layer Plastic Water Tank	nos	1		
4.2.2	(38mmX38mmX4mm) Ms Angle	Kg	20		
4.2.3	**250mm Brick Foundation** in cement sand (F.M. of sand 1.2) mortar (250mm Brick Foundation and ratio 1:4) in floor, parapet wall, filling the joints/interstices fully with mortar racking out the joints, cleaning and soaking the bricks at least for 24 hours before use and curing at least for 7 days etc. all complete including cost of water, electricity & other charges and accepted by the Engineer.	Cum	2		
4.2.4	20 BWG galvanized .42mm Dhew Tin for Shed (3*10)feet	Pcs	4		
4.2.5	Catchment system,Pipes, fittings, valves, Filtration,Pump or outlet mechanism, Labor & transport	L/S	1		
	(This Rate includes VAT & AIT) Total				

72 NO PURBO KOIKHALI GOVT. PRIMARY SCHOOL



GROUND FLOOR PLAN

72 NO PURBO KOIKHALI GOVT. PRIMARY SCHOOL

PROJECT NAME: 72 NO PURBO KOIKHALI GOVT. PRIMARY SCHOOL

PAGE SL NO : 01

DATE : 16.12.2025

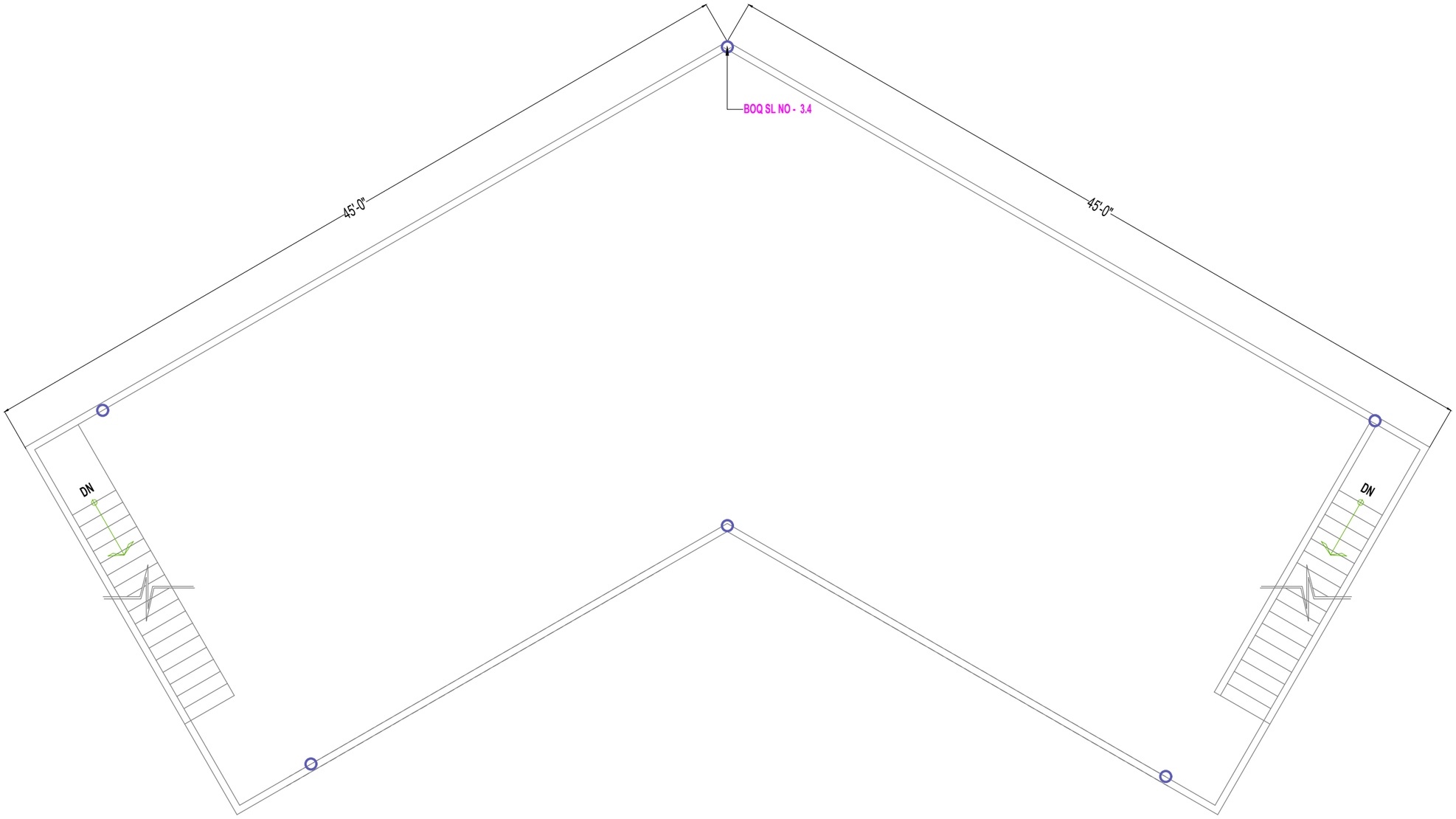
NOTE:
2.11) ALL INSIDE WALL ARE PAINTED BY PLASTIC PAINT
2.12) ALL OUTER WALL ARE PAINT BY WEATHER COAT SMOOTH
2.13) ALL DOOR, WINDOW, COLLAPSIBLE GATE & PROTECTION GRILL ARE COATED BY ENAMEL PAINT
2.6) ALL INSIDE WALL (80M X 0.250M) ARE NET CEMENT FINISHING

13.73m
13.7m
7.7m
8.7m
8.7m
1.5m
1.2m
1.2m
(1.1, 2.5) plaster & plaster remove 15.0 sqm
BOQ SL NO - 2.7, 2.13
(1.1, 2.5) plaster & plaster remove 17 sqm
(1.1, 2.5) plaster & plaster remove 16 sqm
(1.1, 2.5) plaster & plaster remove 8 sqm
(2.5) plaster 10 sqm
BOQ SL NO - 2.9
Wooden portion wall
ROOM-1
BOQ SL NO - 3.2
ROOM-2
BOQ SL NO - 3.2
ROOM-3
BOQ SL NO - 3.2
(1.1, 2.5) plaster & plaster remove 14 sqm
(1.1, 2.5) plaster & plaster remove 16.0 sqm
BOQ SL NO - 2.9
Wooden portion wall
(1.1, 2.5) plaster & plaster remove 15 sqm
(1.1, 2.5) plaster & plaster remove 12 sqm
A
ROOM-4
BOQ SL NO - 3.2
BOQ SL NO - 1.1, 2.1, 2.2, 2.6
(1.1, 2.5) plaster & plaster remove 13.0 sqm
(1.1, 2.5) plaster & plaster remove 13.0 sqm
(1.1, 2.5) plaster & plaster remove 14.0 sqm
BOQ SL NO - 2.7, 2.13
(2.5) plaster 15 sqm
Proposed collapsible gate
BOQ SL NO - 2.8, 2.13
DN
Proposed protection grill
BOQ SL NO - 2.10, 2.13
(2.5) plaster 15 sqm
(1.1, 2.5) plaster & plaster remove 14 sqm
(2.5) plaster 10 sqm
veranda
veranda
UP
UP
(1.1, 2.5) plaster & plaster remove 15.0 sqm
(1.1, 2.5) plaster & plaster remove 18.0 sqm
(1.1, 2.4) wire mesh plaster & plaster remove 20.0 sqm

1ST FLOOR PLAN

72 NO PURBO KOIKHALI GOVT. PRIMARY SCHOOL

PROJECT NAME: 72 NO PURBO KOIKHALI GOVT. PRIMARY SCHOOL
PAGE SL NO : 02
DATE : 16.12.2025



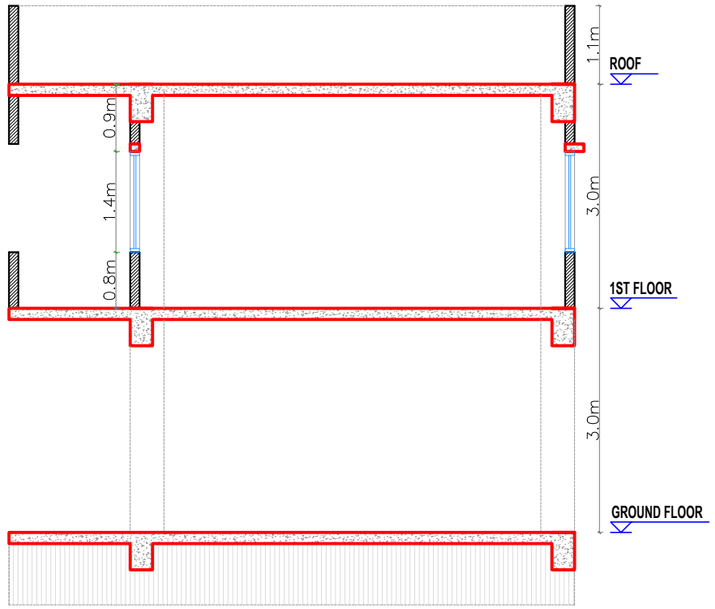
ROOF PLAN

72 NO PURBO KOIKHALI GOVT. PRIMARY SCHOOL

PROJECT NAME: 72 NO PURBO KOIKHALI GOVT. PRIMARY SCHOOL

PAGE SL NO : 03

DATE : 16.12.2025



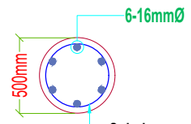
SECTION: A_A

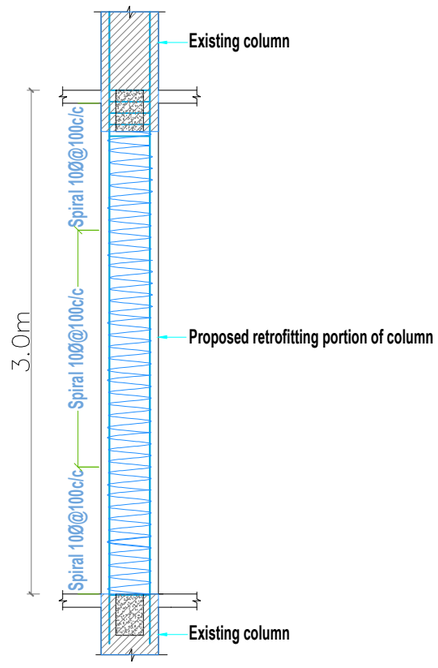
72 NO PURBO KOIKHALI GOVT. PRIMARY SCHOOL

PROJECT NAME: 72 NO PURBO KOIKHALI GOVT. PRIMARY SCHOOL

PAGE SL NO : 04

DATE : 16.12.2025

COLUMN ID	C-Ø 500mm
GROUND FLOOR	



PROJECT NAME: 72 NO PURBO KOIKHALI GOVT. PRIMARY SCHOOL

PAGE SL NO : 05

DATE : 16.12.2025

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
	School name: 72 no. Purbo Kaikhali Govt. Primary School. Location: Koikhali, Shayamnagar, Satkhira.				
	Types of work: RCC Work, Plaster**,** Solar power system with electrical wiring, WASH room Renovation, Water harvesting system installation, protection grill, Wooden partition, Collapsible security gate,Air Terminal installation, and various repairing and painting work.				
A1	**DISMANTLING WORK :** Dismantling following items carefully including staking of serviceable materials and removal/disposal and cleaning of unserviceable debris to suitable places as per direction of concerned site authority. Necessary precautions to be taken for safety of other services (electric, water, gas, telephone, etc) during dismantling, removing & cleaning all particles to a safe distance or as per direction.				
1.1	Plaster Removal work as per need and as per direction from the field supervisor	sqm	200		
A2	**REPAIRING WORK :** Repairing work of all damaged goods , as nessesary, and making goods in all respect including all materials, labors, etc., complete in all respect.				
2.1	**Reinforced cement concrete work**s (1:1.5:3) using wooden shutter, with minimum cement content relates tomix ratio 1:1.5:3 having minimum f 'cr=21 Mpa and satisfying, specified compressive strength f' 'c=19 Mpa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM & cement conforming to BDS EN-197-1-CEM 1 (52.5 N)/ASTM-C 150 Type-I, best quality sand and 20mm down well graded picked jhama ston chips conforming ASTM C-33 including breaking chips and screening, making, placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hoper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days and removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and cylinders, other charges etc. all complete approved and accepted by the Engineer.				
	RCC works as per need and as per direction from the field supervisor	cum	5		
2.2	**500w deformed bar**: Supplying, fabrication and fixing to detail as per design : ribbed or deformed bar reinforcement of (i) BSRM/ (ii) KSRM / (iii) GP ISPAT for Reinforced cement concrete, produced and marked in accordance with BDS ISO 6935 - 2: 2006 (or standard subsequently released from BSTI) including straightening and cleaning rust, if any, bending and binding in position with supply of G.I. wires, necessary laboratory tests (excluding splices or laps) etc. complete in all respect and accepted by the Engineer-incharge				

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
	Re-bar Works as per need and as per direction from the field supervisor	kg	500		
2.3	**Cement concrete (CC):** In (As Per Need) 75mm Thickness (1:.5:3) with cement, coarse sand and picked jhama chips including breaking chips and one layer brick flat soling at bottom with first class or picked jhama bricks including cutting earth for preparation of bed and filling the interstices with local sand (F.M. 1.2) including finishing, dressing, curing at least for 7 days etc. all complete, including cosl of water, electricity, other charges accepted by the Engineer-in-charge	cum	1.5		
2.4	**25mm Thickness Plastering work with 20 BWG galvanized wire mesh:** As per Need thick cement sand (F.M. 1.2) ratio (1:4) with cement sand and 20 BWG galvanized wire mesh washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				
	Plastering work with 20 BWG galvanized wire meshwork as per need and as per direction from field supervisor	sqm	20		
2.5	**Plastering work with:** Minimum 25mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall & total floor area (1:4) with cement up to 150mm below ground level with neat cement finishing in/c washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				
	Plaster work as per need and as per direction from field supervisor	sqm	250		
2.6	**Neat cement finishing** to plinth wall & total floor area (1:4) with cement up to 250mm below ground level with neat cement finishing in/c washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				
	Neat cement finishing work as per need and as per direction from field supervisor	sqm	20		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
2.7	**Supplying, fitting and fixing Swing window with grill (MS sheets of minimum 20 BWG) Shutter** made of 12 mm x 12 mm M.S. solid bar @ 100mm c/c with outer frame of 38 mm x 6mm F.I. bar and 25 mm x 6 mm F.I. bar for clamp as per design including fabrication, welding, cost of electricity workshop charges, labour charges for fitting and fixing grills in position, local carriage charges, cutting grooves, mending good the damages, tools and plants, finished with anti corrosive painting (Red-Oxide) etc. complete for all floors approved and accepted by the Engineer-incharge. (Total weight per sqm should be approx. 19 kg and add or deduct @ 100.00 for each kg/sqm excess or less spectively.	sqm	20		
2.8	**Collapsible security gate-1nos** (First landing of stair and 1st floor): Manufacturing, supplying, fitting and fixing size 1"x1"x1/8" M.S. Angle placed @ 112 mm c/c vertically and connecting the same with each other by 20 x 3 mm M.S flat bar scissors 525 mm/ 600 mm long provided in 3 rows including cutting the different M.S. members to required sizes, fabricating, welding, riveting with required size rivets, providing required size wheels, pulling handles on both sides, suitable locking arrangements at 3 places, greasing, etc, and finally placing the same in position in between 2 (two) Nos. 50 x 50 x 6 mm M.S. Tee rail made by welding 2 Nos. 50 x 6 mm M.S. flat bar fitted and fixed at top and bottom with R.C.C. lintel, floors and side wall with required Nos. 150 mm to 225 mm long 38 x 4 mm M.S. flat bar clamps one end welded with the gate member and the other end bifurcated and embedded in C.C. at the respective point including cutting holes and mending good the damages by pouring concrete into the holes and finishing, etc complete, including painting 2 (two) coats with best quality synthetic enamel paint (Berger/Asian) in suitable colour over a coat of anticorrosive painting, etc. complete in all respect.	sqm	4		
2.9	**Wooden partition** from floor to celling with 6mm gorjon plywood bord good quality. Wooden frame should be used mehgoni wooden batten-1"X1.5" in row 3 nos and virtically 5' interval and for post-2"X2" 7' interval. Use nail and keep safe for children. 2 coat enamel paint must be applied after finish of work. Making fitting fixing all complete as per direction of EIC.	sqm	55		
2.10	**Protection grill** making, providing, fitting fixing all complete without painting. 8mm MS rod 5" C/C with 1.5"X1.5"X3mm MS angle made with good welding joint with flat bar clump. All complete as per direction from EIC and as per design.	kg	350		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
2.11	**Interior standard acrylic emulsion paint (plastic or matt finish)** of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger robbialac plastic emulsion) in a sealed container; applying to interior wall and ceiling with surface preparation including cleaning drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying 1 coat of interior sealer of specified brand on prepared surface; then applying 1 coat of interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 1 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors andaccepted by the Engineer-in charge.	sqm	212		
2.12	**Exterior standard acrylic emulsion paint (Berger weather coat smooth)**of approved best quality and color having water resisting properties and resistance properties against fungi, fading & flaking delivered from authorized local agent of the manufacturer (Berger weather coat smooth) in a sealed container; applying to exterior surface with surface preparation including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying 1 coat of exterior sealer of specified brand on prepared surface; then applying 1 coat of exterior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 1 coats of exterior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in charge.	sqm	217		
2.13	**Enamel paint:** 1 coat red oxide as primary sealer and then 2 coats with best quality, prescribed colour synthetic enamel paint delivered from authorized local agent of the manufacturer in a sealed container, using specific brand thinner applied by brass / roller / spray over a coat of priming elapsing time for drying including surface cleaning from dust & previous paint, oil or dirt, smoothening, finishing and polishing with sand paper and necessary tools, scaffolding etc. Before start painting putting (Good quality and durable) should be used to close holes on windows. All complete in all respect .	sqm	45		
A3	**Electrical Work**				
3.1	**Supplying, fitting fixing of electrical switch**,socket, cable, holder, light, SDB, MDB, including all necessary fittings, hardware and consumables etc. all complete approved and accepted by the Engineer	L/S	1		
3.2	**Celling Fan-56"-Brand (BRB Lovely),** all light should be operated with solar power system, fitting fixing all complete as per EIC.	nos	5		

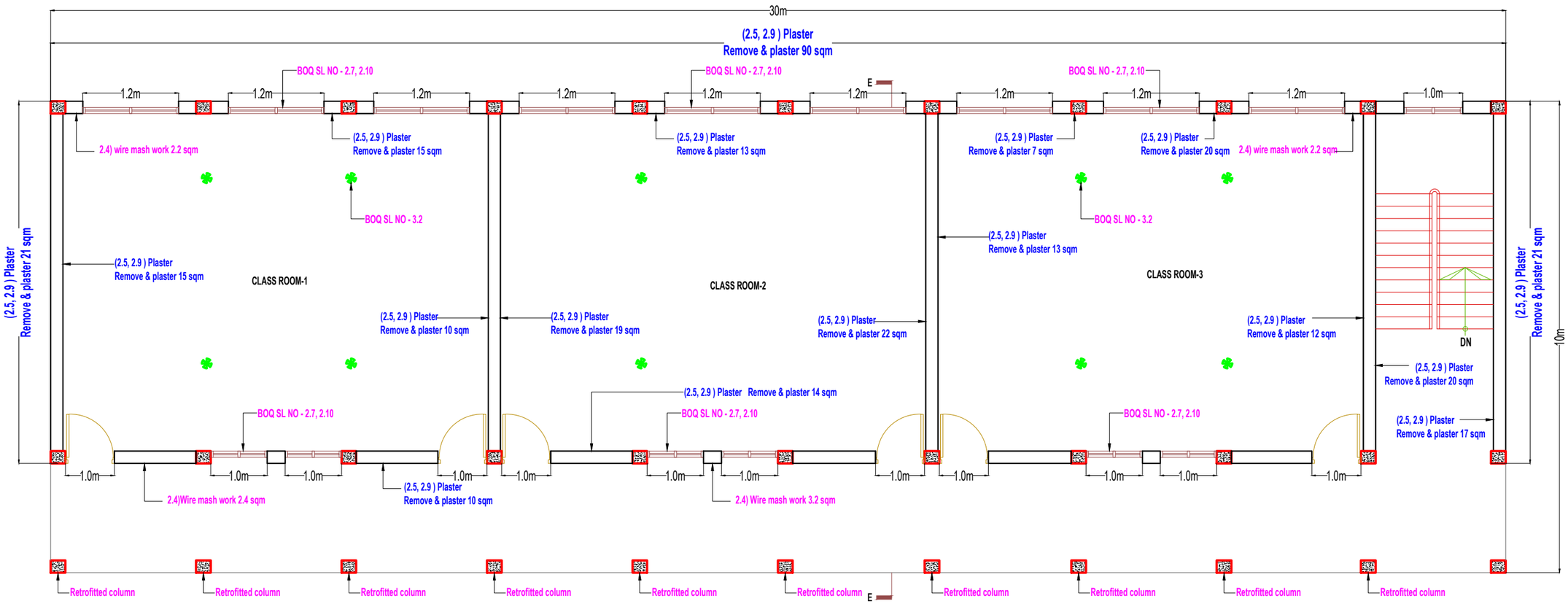
BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
3.3	**1 KW Solar System**				
	Supply, Installation, Testing, Commissioning & Validation of 1KW Solar System and other required accessories as per design, drawing and Instruction of Engineer-in-charge.	set	1		
3.4	**Air Terminal.**				
	Supply and installation of 12.7mm dia 600mm long solid copper rod- air terminal shall be fixed on 4" long 2" dia G.I pipe, complete with 7" x 7" x 0.39" size GI base plate. Supply and installation of conductors of 70sq.mm Bare Copper cable complete with all fitting/fixing meterials.	nos	6		
A4	**Sanitary and Water Harvesting Work**				
4.1	Repairing toilets with the necessary fittings, fixtures as per need and as per direction from the field supervisor	L/S	1		
4.2	Installation of Rain Water Harvesting technology with 5000-liter water tank, Brick foundation, Catchment system,Pipes, fittings, valves, Filtration,Pump or outlet mechanism, Labor & transport				
4.2.1	5000 Dable layer Plastic Water Tank	nos	1		
4.2.2	(38mmX38mmX4mm) Ms Angle	Kg	20		
4.2.3	**250mm Brick Foundation** in cement sand (F.M. of sand 1.2) mortar (250mm Brick Foundation and ratio 1:4) in floor, parapet wall, filling the joints/interstices fully with mortar racking out the joints, cleaning and soaking the bricks at least for 24 hours before use and curing at least for 7 days etc. all complete including cost of water, electricity & other charges and accepted by the Engineer.	Cum	2		
4.2.4	20 BWG galvanized .42mm Dhew Tin for Shed (3*10)feet	Pcs	4		
4.2.5	Catchment system,Pipes, fittings, valves, Filtration,Pump or outlet mechanism, Labor & transport	L/S	1		
	(This Rate includes VAT & AIT) Total				

PATAKHALI HIGH SCHOOL

NOTE:
2.8) ALL INSIDE WALL ARE PAINTED BY PLASTIC PAINT
2.9) ALL OUTER WALL ARE PAINT BY WEATHER COAT SMOOTH
2.10) ALL WINDOWS ARE COATED BY ENAMEL PAINT

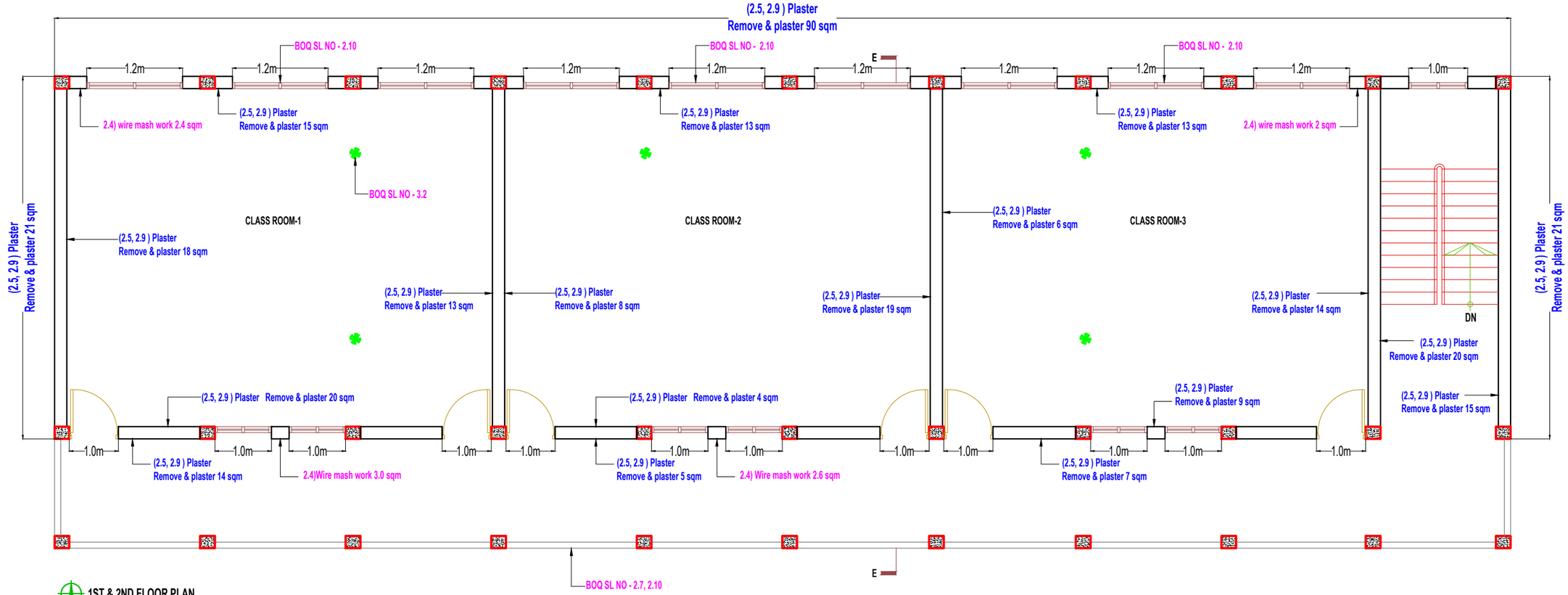


GROUND FLOOR PLAN

PATAKHALI HIGH SCHOOL

PROJECT NAME: PATAKHALI HIGH SCHOOL
PAGE SL NO : 01
DATE : 16.12.2025

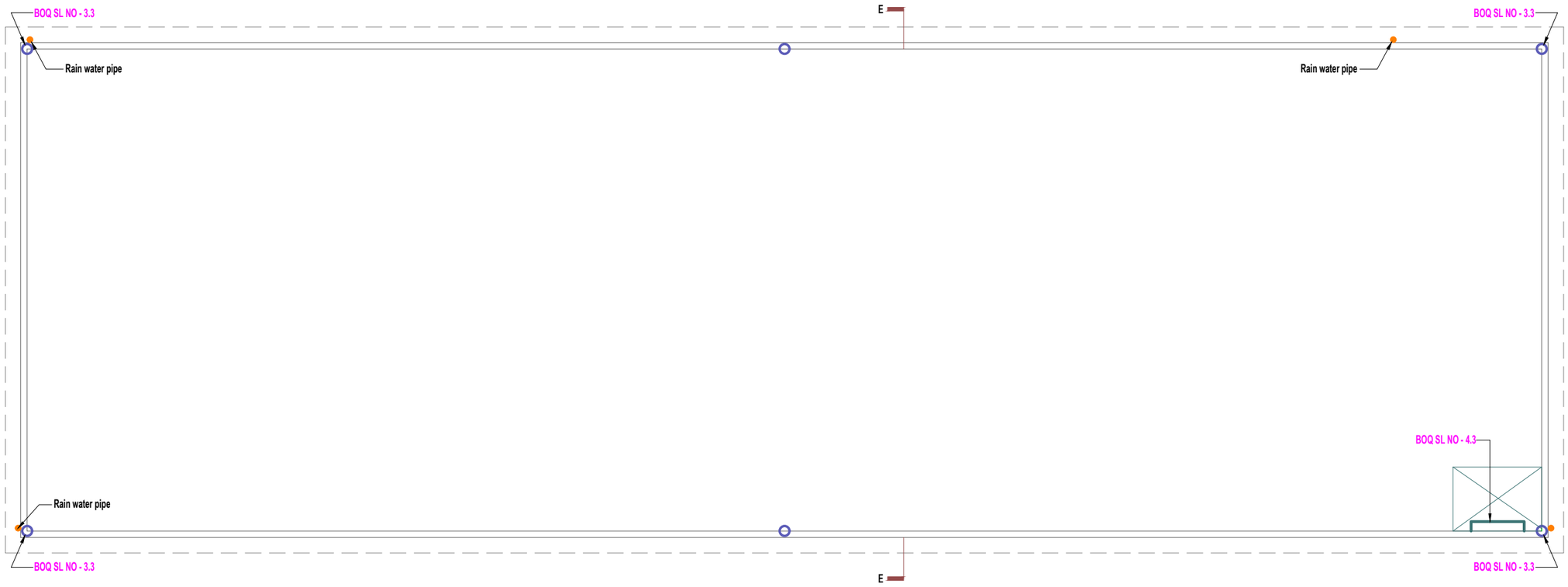
NOTE:
2.8) ALL INSIDE WALL ARE PAINTED BY PLASTIC PAINT
2.9) ALL OUTER WALL ARE PAINT BY WEATHER COAT SMOOTH
2.10) ALL WINDOWS ARE COATED BY ENAMEL PAINT



1ST & 2ND FLOOR PLAN

PATAKHALI HIGH SCHOOL

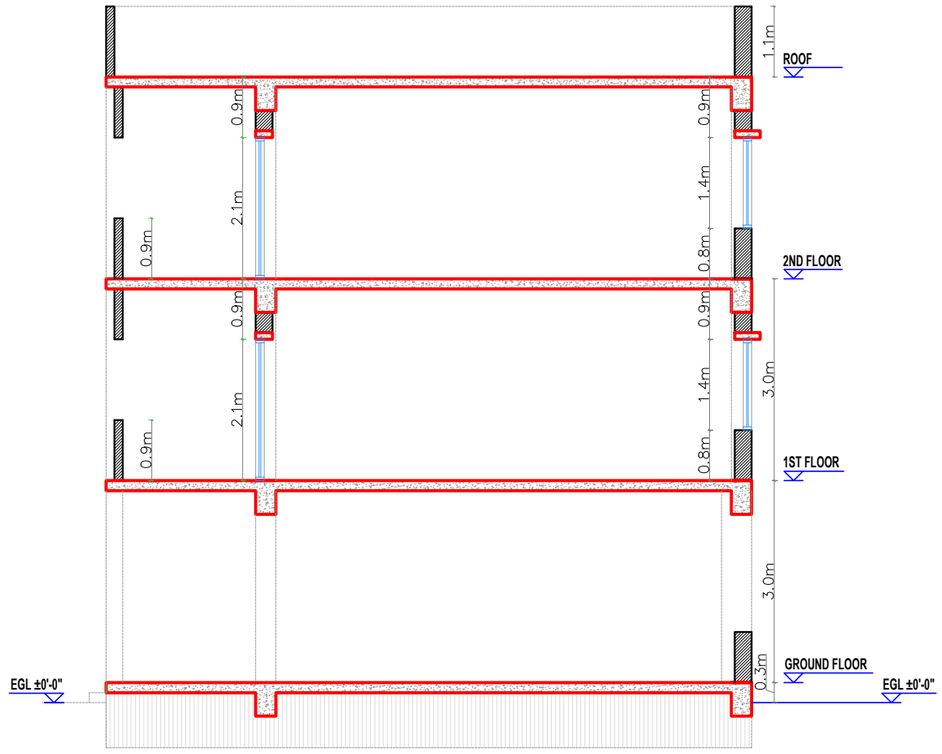
PROJECT NAME: PATAKHALI HIGH SCHOOL
PAGE SL NO : 02
DATE : 16.12.2025



ROOF PLAN

PATAKHALI HIGH SCHOOL

PROJECT NAME: PATAKHALI HIGH SCHOOL
PAGE SL NO : 03
DATE : 16.12.2025



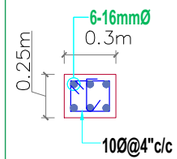
SECTION: E_E

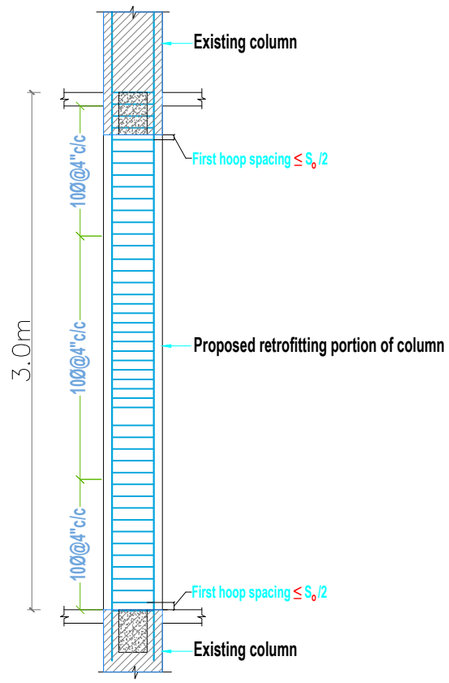
SCALE: NOT TO SCALE

PROJECT NAME: PATAKHALI HIGH SCHOOL

PAGE SL NO : 04

DATE : 16.12.2025

COLUMN ID	C-(300mmX250mm)
GROUND FLOOR	



PROJECT NAME: PATAKHALI HIGH SCHOOL
PAGE SL NO : 05
DATE : 16.12.2025

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
	School name: Patakhali High School, Location: Patakhali, Poddhopukur, Shayamnagar, Satkhira.				
	Types of work: RCC Work, Plaster**,** Solar power system with electrical wiring, WASH room Renovation, Water harvesting system Renovation, protection grill, MS Stair, Wooden partition, Collapsible security gate,Air Terminal installation, and various repairing and painting work.				
A1	**DISMANTLING WORK :** Dismantling following items carefully including staking of serviceable materials and removal/disposal and cleaning of unserviceable debris to suitable places as per direction of concerned site authority. Necessary precautions to be taken for safety of other services (electric, water, gas, telephone, etc) during dismantling, removing & cleaning all particles to a safe distance or as per direction.				
1.1	Plaster Removal work as per need and as per direction from the field supervisor	sqm	550		
1.2	RCC Removal work as per need and as per direction from the field supervisor	cum	2		
A2	**REPAIRING WORK :** Repairing work of all damaged goods , as nessesary, and making goods in all respect including all materials, labors, etc., complete in all respect.				
2.1	**Reinforced cement concrete work**s (1:1.5:3) using wooden shutter, with minimum cement content relates tomix ratio 1:1.5:3 having minimum f 'cr=21 Mpa and satisfying, specified compressive strength f' 'c=19 Mpa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM & cement conforming to BDS EN-197-1-CEM 1 (52.5 N)/ASTM-C 150 Type-I, best quality sand and 20mm down well graded picked jhama ston chips conforming ASTM C-33 including breaking chips and screening, making, placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hoper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing for 28 days and removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and cylinders, other charges etc. all complete approved and accepted by the Engineer.				
	RCC works as per need and as per direction from the field supervisor	cum	5		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
2.2	**500w deformed bar**: Supplying, fabrication and fixing to detail as per design : ribbed or deformed bar reinforcement of (i) BSRM/ (ii) KSRM / (iii) GP ISPAT for Reinforced cement concrete, produced and marked in accordance with BDS ISO 6935 - 2: 2006 (or standard subsequently released from BSTI) including straightening and cleaning rust, if any, bending and binding in position with supply of G.I. wires, necessary laboratory tests (excluding splices or laps) etc. complete in all respect and accepted by the Engineer-incharge				
	Re-bar Works as per need and as per direction from the field supervisor	kg	1000		
2.3	**Cement concrete (CC):** In (Ground Floor) 75mm Thickness (1:1.5:3) with cement, coarse sand and picked jhama chips including breaking chips and one layer brick flat soling at bottom with first class or picked jhama bricks including cutting earth for preparation of bed and filling the interstices with local sand (F.M. 1.2) including finishing, dressing, curing at least for 7 days etc. all complete, including cosl of water, electricity, other charges accepted by the Engineer-in-charge	cum	5.244		
2.4	**25mm Thickness Plastering work with 20 BWG galvanized wire mesh:** As per Need thick cement sand (F.M. 1.2) ratio (1:4) with cement sand and 20 BWG galvanized wire mesh washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				
	Plastering work with 20 BWG galvanized wire meshwork as per need and as per direction from field supervisor	sqm	20		
2.5	**Plastering work with:** Minimum 25mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall & total floor area (1:4) with cement up to 150mm below ground level with neat cement finishing in/c washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				
	Plaster work as per need and as per direction from field supervisor	sqm	650		
2.6	**Neat cement finishing** to plinth wall & total floor area (1:4) with cement up to 150mm below ground level with neat cement finishing in/c washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				
	Neat cement finishing work as per need and as per direction from the field supervisor	sqm	57		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
2.7	**Supplying, fitting and fixing Swing window with grill (MS sheets of minimum 20 BWG) Shutter** made of 12 mm x 12 mm M.S. solid bar @ 100mm c/c with outer frame of 38 mm x 6mm F.I. bar and 25 mm x 6 mm F.I. bar for clamp as per design including fabrication, welding, cost of electricity workshop charges, labour charges for fitting and fixing grills in position, local carriage charges, cutting grooves, mending good the damages, tools and plants, finished with anti corrosive painting (Red-Oxide) etc. complete for all floors approved and accepted by the Engineer-incharge. (Total weight per sqm should be approx. 19 kg and add or deduct @ 100.00 for each kg/sqm excess or less spectively.	sqm	15		
2.8	**Interior standard acrylic emulsion paint (plastic or matt finish)** of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger robbialac plastic emulsion) in a sealed container; applying to interior wall and ceiling with surface preparation including cleaning drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying 1 coat of interior sealer of specified brand on prepared surface; then applying 1 coat of interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 1 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors andaccepted by the Engineer-in charge.	sqm	1020		
2.9	**Exterior standard acrylic emulsion paint (Berger weather coat smooth)**of approved best quality and color having water resisting properties and resistance properties against fungi, fading & flaking delivered from authorized local agent of the manufacturer (Berger weather coat smooth) in a sealed container; applying to exterior surface with surface preparation including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying 1 coat of exterior sealer of specified brand on prepared surface; then applying 1 coat of exterior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 1 coats of exterior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in charge.	sqm	449.9		

BOQ of School cum cyclone shelter repairing work.

Project: Good Neighbors Japan DRR Project, Shayamnagar.

SL	Description of Item	Unit	Pre.Qty	Unit price	Amount (Tk.)
2.10	**Enamel paint:** 1 coat red oxide as primary sealer and then 2 coats with best quality, prescribed colour synthetic enamel paint delivered from authorized local agent of the manufacturer in a sealed container, using specific brand thinner applied by brass / roller / spray over a coat of priming elapsing time for drying including surface cleaning from dust & previous paint, oil or dirt, smoothening, finishing and polishing with sand paper and necessary tools, scaffolding etc. Before start painting putting (Good quality and durable) should be used to close holes on windows. All complete in all respect .	sqm	45		
A3	**Electrical Work**				
3.1	**Supplying, fitting fixing of electrical switch**,socket, cable, holder, light, MDB, including all necessary fittings, hardware and consumables etc. all complete approved and accepted by the Engineer	L/S	1		
3.2	**Celling Fan-56''-Brand (BRB Lovely),** all light should be operated with solar power system, fitting fixing all complete as per EIC.	nos	20		
3.3	**2 KW Solar System**				
	Supply, Installation, Testing, Commissioning & Validation of 2KW Solar System and other required accessories as per design, drawing and Instruction of Engineer-in-charge.	Set	1		
3.4	**Air Terminal.**				
	Supply and installation of 12.7mm dia 600mm long solid copper rod- air terminal shall be fixed on 4" long 2" dia G.I pipe, complete with 7" x 7" x 0.39" size GI base plate. Supply and installation of conductors of 70sq.mm Bare Copper cable complete with all fitting/fixing meterials.	nos	6		
A4	**Sanitary and Water Harvesting Work**				
4.1	Repairing toilets with the necessary fittings, fixtures, and 100mm diameter rainwater pipe as per need and as per direction from the field supervisor	L/S	1		
4.2	Repairing of Water Harvesting technology as per need and as per direction from the field supervisor	L/S	1		
4.3	MS Stair With Stair Shed: Good Quality 50 mm & 25 mm Dia GI Pipe With 20 BWG Sheet as per need and as per direction from field supervisor	L/S	1		
				(This Rate includes VAT & AIT) Total	-