



# D. A. V. MODEL SCHOOL, C.F.R.I.

Affiliated to C.B.S.E., New Delhi  
CBSE NEW GENERATION SCHOOLS  
A Co-Educational English, Medium Senior Secondary School (10+2)  
P.O.: F.R.I., Pin : 828108, Dist.: Dhanbad (Jharkhand)

Ref. No. : D.A.V.M.S.C.F.R.I. / 2025/301

Date 18.08.2025

## TENDER NOTICE

D.A.V.MODEL SCHOOL, CFRI, DHANBAD  
DAV CMC, New Delhi, E-mail: [davcfri@gmail.com](mailto:davcfri@gmail.com)

Sealed Quotations are invited for the Renovation/Up-gradation (Phase-II) of DAV Model School, CFRI (G.F & F.F)

01. BOQ & Drawing : Available [www.davcfri.in](http://www.davcfri.in)
02. Submission: Send Sealed quotation via Speed Post, Regd. Post or By Hand
03. Last Date of Submission : 23.08.2025
04. Site visit is mandatory, otherwise Quotation will be rejected.
05. Contact the Office for the same between 09:00 AM to 01:00 PM.
06. Rules & Regulations applicable and approved by DAV CMC will be followed.



(Mahua Singh)

Principal

**PRINCIPAL**  
**DAV MODEL SCHOOL, CFRI**  
**P.O.- FRI, Dhanbad-828108**

**BOQ OF RENOVATION OF JUNIOR SCHOOL BUILDING (PHASE - II)**

BOQ No	Particulars	Unit	Qty	Rate	Amount	Remarks
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed. All kinds of soil	Cum	100			
2	Supplying and filling in plinth with local sand under floor, including watering, ramming consolidating and dressing complete	Cum	10			
3	Flat brick soling with bricks of class designation 75 with filling the joints with sand after leveling the ground.	Sqm	60			
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- all work upto plinth level 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal).	Cum	5			
5	Filling available excavated earth in foundations trenches, plinth, sides of foundations trenches, plinth, sides of foundations etc in layers and consolidating each deposited layers and watering lead up to 50m and lift up to 1.5 m					
6	Brick work with Bricks class designation 75 in foundation and plinth in cement mortar 1:6 (1 Cement : 6 Coarse sand).	Cum	2			
7	providing and laying in damp proof course 50 mm thick with cement concrete (1:2:4) (1 Cement : 6 Coarse sand : 4 graded stone aggregate 20 mm nominal bore	Sqm	25			
8	Brick work with common burnt clay bricks of class designation 7.5 in superstructure above plinth level upto floor V level in all shapes and sizes in: 1:4 (1 cement : 4 coarse sand)	Cum	60			
9	Half brick masonry with common burnt clay brick of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	5			
10	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - For all works 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).	Cum	68			
11	Centering and shuttering including strutting, propping etc. And removal of form for: Foundations, footings, bases of columns, roof etc. For mass concrete.	Sqm	600			
12	Steel reinforcement for R.C.C. Work including straightening, cutting, bending, placing in position and binding all complete above plinth level. TMT Bar.	kg	7000			
13	15 mm cement plaster on the rough side of single of half brick wall of mix: 1:6 (1 cement : 6 fine sand)	Sqm	650			
14	6 mm cement plaster of mix: 1:3 (1 cement : 3 fine sand)	Sqm	400			
15	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	500			
16	Finishing walls with deluxe multi surface paint system for interior and exterior paint of required shade. New work (Two or more coats on existing cement paint surface applied @ 3.28 ltr/10 sqm. 10 sqm complete including cost of priming coat	Sqm	1850			
17	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part - I) decorative type core of block board construction with frame 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	Sqm	12			
18	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (holdfast lugs or dash fastener shall be paid for separately) SI wood	Cum	0.2			
19	Providing and fixing factory made ISI marked steel glazed d/windows and ventilation side/top/center hang with beading and all members such as F7D, F4B, K11 and K12B etc complete as per standard rolled steel sections joints mitred and flash butt welded and flush butt welded and riveted including providing and fixing hinges, pivots including priming coat (including fittings of 15 cm x 10 cm x 10 cm of CC (1:3:6) etc complete	kg	1080			
20	Providing and fixing M.S. Grills of required pattern in frames of windows etc. With M.S. Flats, square or round bars etc. Including priming coat with approved steel primer all complete	kg	1050			
21	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : (Two or more coats ) on New Work.	Sqm	100			
22	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. Complete. 40 mm thick with 20 mm nominal size stone aggregate	Sqm	150			
23	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes, 110 mm diameter.	Rmt	26			
24	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 door bend 110 mm dia	Each	5			
<b>Total Amount</b>		--	--	--		



EXISTING WALL

PROPOSED COLUMN

Plinth Beam (400X500)

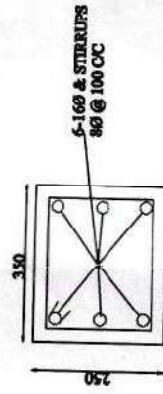
GL

1500

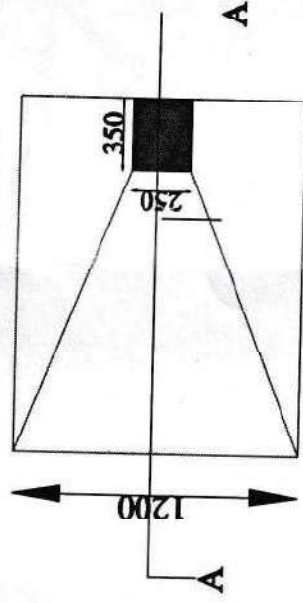
1500

SECTION A-A

DETAILS OF COLUMN & COLUMN FOUNDATION



COLUMN DETAILS - C 250X300



FOOTING PLAN of COLUMN -C

DAY MODELSCHOOL FRI, DIGWADIH
TITLE- DETAILS OF FOUNDATION OF COL-C
DRG NO. 02
REMARKS:-

Executive Engineer (Civil)

EXISTING WALL

PROPOSED COLUMN

Plinth Beam(400X500)

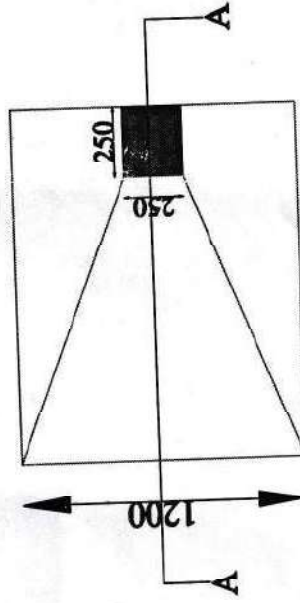
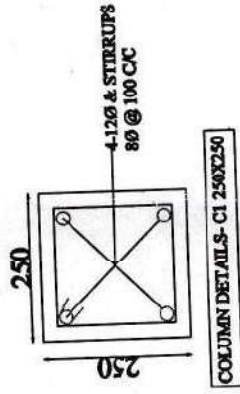
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1500

1350

SECTION A-A

DETAILS OF COLUMN AND COLUMN FOUNDATION

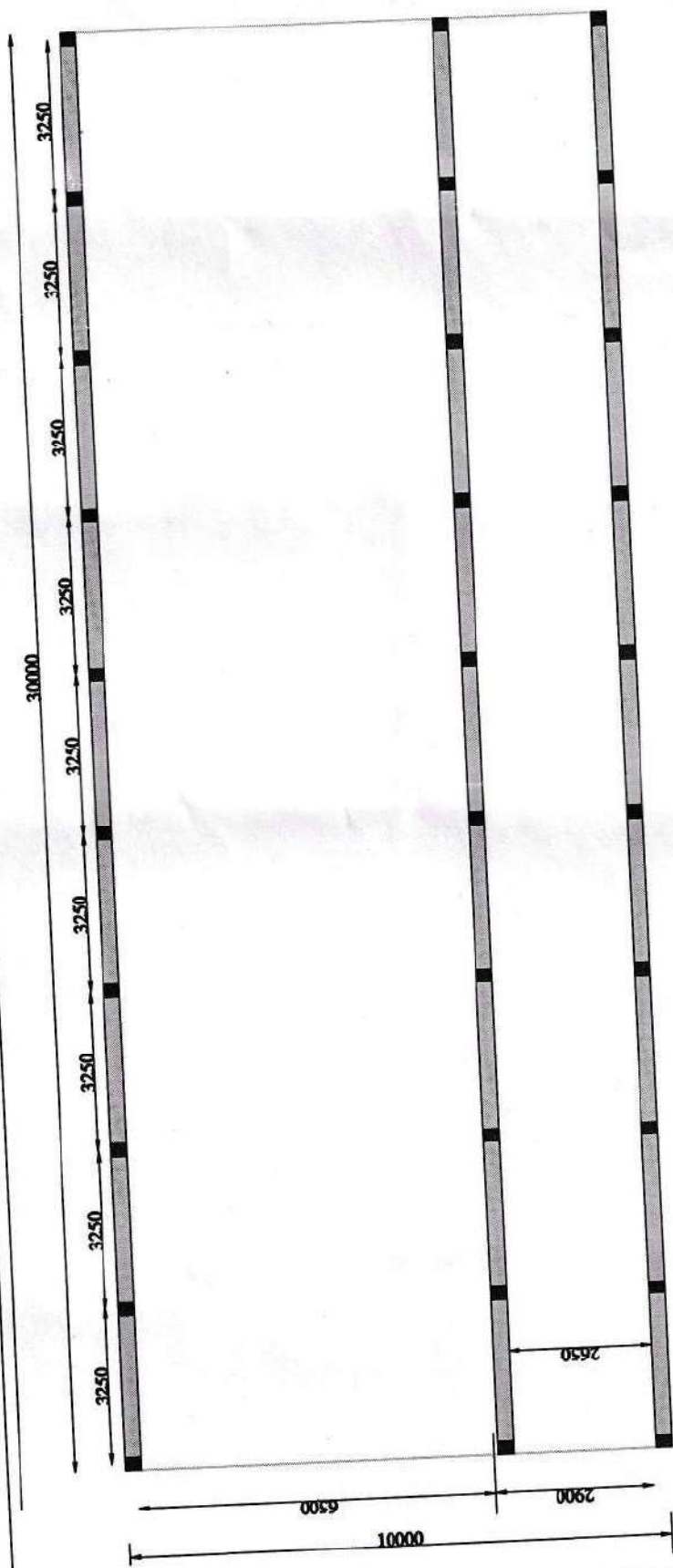


FOOTING PLAN of COLUMN -C1

DAV MODELSCHOOL TRI, DIGWADIH
TITLE- DETAILS OF FOUNDATION
DRG NO -43
REMARKS:-

Handwritten signature and date: 20/10/2024

Executive Engineer & Final (as)



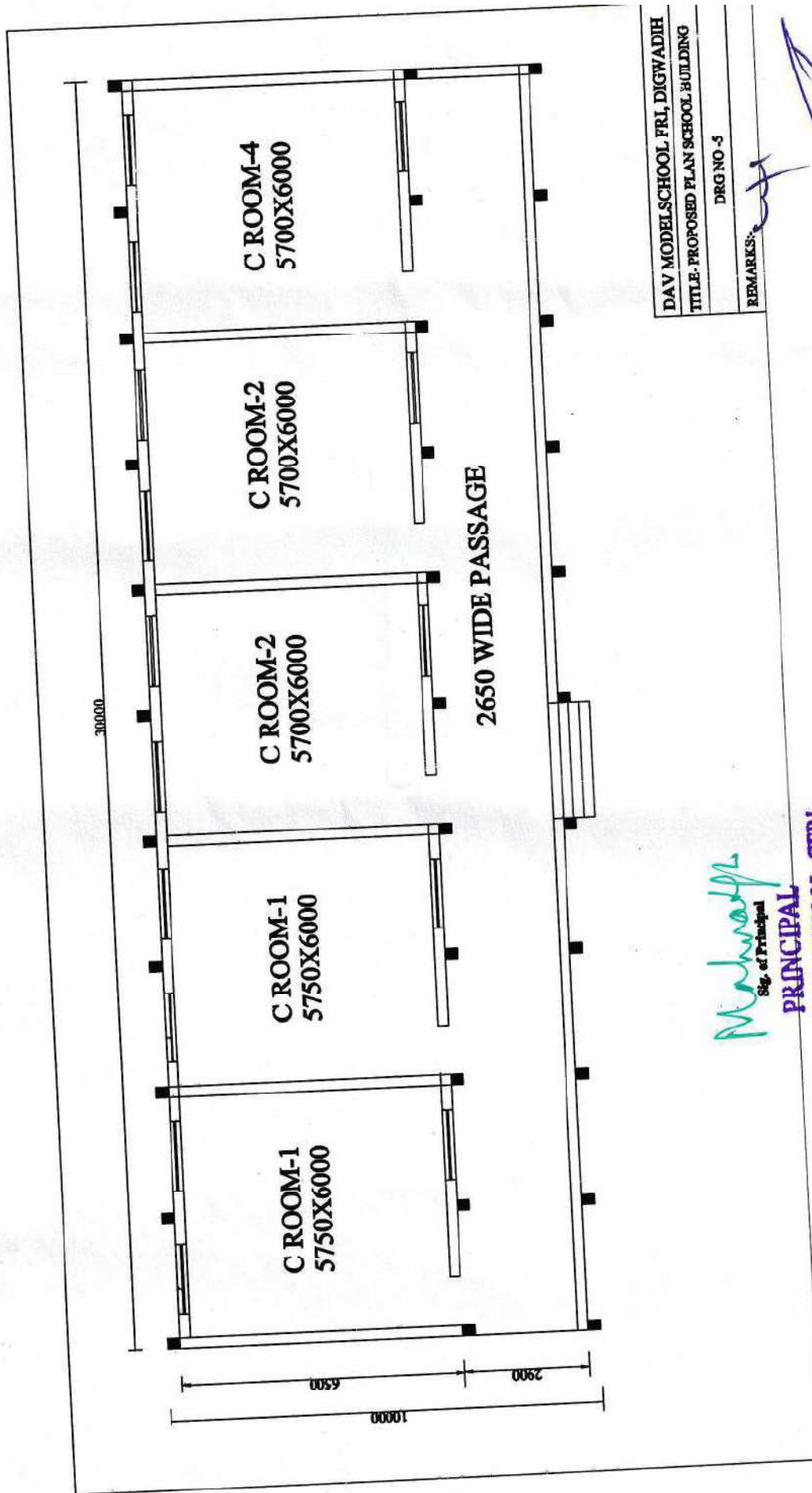
PLINTH BEAM PLAN

DAV MODEL SCHOOL, FRI, DIGWADI
TITLE- PLINTH BEAM PLAN at O. PERIPHERY
DRG NO -04
REMARKS-

*Mahwade*  
 Sig. of Principal  
**PRINCIPAL**

DAV MODEL SCHOOL, CFRI  
 P.O.- FRI, Dhanbad-828108

Executive Engineer (Civil)  
 SIR-Central Institute of Mining & Fuel Resear.  
 P.O-FRI-828108, Dhanbad

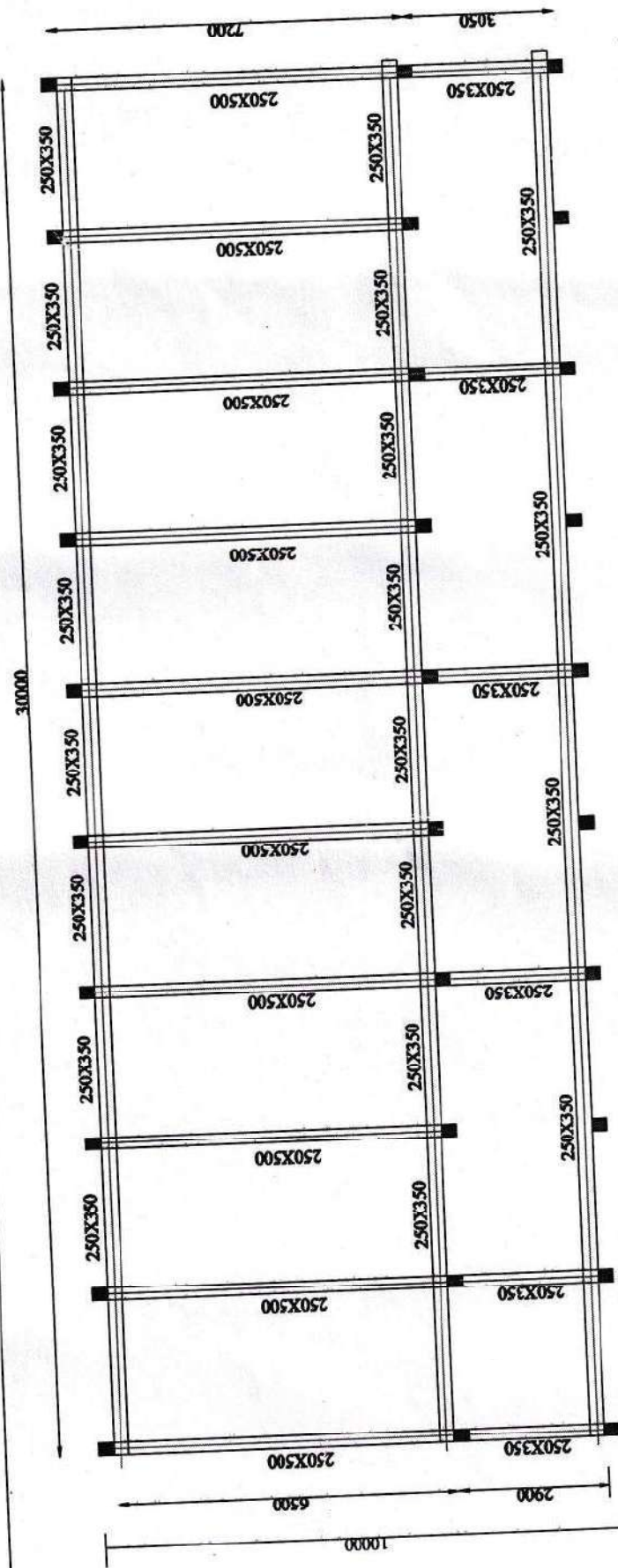


DAV MODEL SCHOOL FRI, DIGWADIH
TITLE. PROPOSED PLAN SCHOOL BUILDING
DRG NO - 3
REMARKS:

*Mahwade*  
Sig. of Principal

PRINCIPAL  
DAV MODEL SCHOOL, CFRI  
P.O.- FRI, Dhanbad-828108

Executive Engineer (Civil)  
SIR Central Institute of Mining & Fuel Research  
P.O.-FRI -828108, Dhanbad



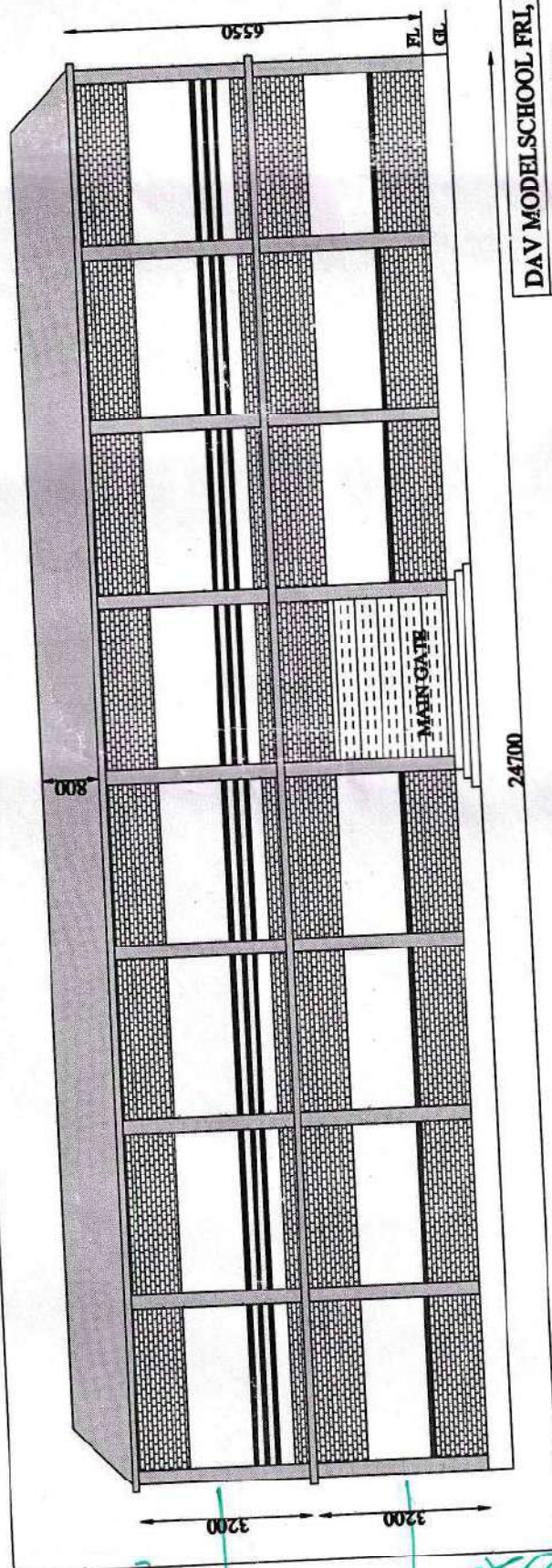
# ROOF BEAM PLAN

DAV MODELSCHOOL FRI, DIGWADI
TITLE- DETAILS OF ROOF BEAM PLAN
DRGNO -06
REMARKS:-

Sig. of Principal

**PRINCIPAL**  
**DAV MODEL SCHOOL, CFRI**  
**P.O.- FRI, Dhanbad-828108**

Executive Engineer (Civil)  
 SIR Central Institute of Mining & Fuel Research  
 P.O.-FRI-828108, Dhanbad



DAV MODEL SCHOOL FRI, DIGWADIH
TITLE- FRONT ELEVATION
DEG NO -07
REMARKS:

*Principals*  
Sig. of Principal

**PRINCIPAL**  
**DAV MODEL SCHOOL, CFRI**  
**P.O.- FRI, Dhanbad-828108**

Executive Engineer (Civil)  
SIR Central Institute of Mining & Fuel Technol  
P.O.-FRI-828108, Dhanbad

*Proposed*  
*New renovation*  
*Already*  
*existing*  
*rooms as per*  
*Asbestos Roof*  
*(Photos Attached)*