

The institute has evolved a perspective plan for the development of the institution. One of the important perspective plans of the institute drafted in 20/09/2011 is construction of two storied sanitary block for girls and women staff. As the number of girl students and women staff was increased, institute had taken a decision about the construction of additional sanitary block. In this meeting the management was decided to procure plan and estimate, as well as decision was taken about the budget allocation for it.

As per the decision taken in the meeting held in 2011-12, construction of the sanitary block was completed in 2015-16 under the supervision of Ar. Chetan Kamble, Sangola according to the plan sanctioned.



Chetan A. Kamble

B.Arch.

Architect & interior designer

Off: 1552, "Shri Vitthal Krupa", Station Road, Sangola - 413307 (Solapur)

☎ : (O): (9922600033)

Date: 20-12-2017

COMPLETION CERTIFICATE

I hereby certify that the construction work of
Urinal and toilet block for ladies (girls) in CTS.No. - 2921,
M.House No. - 1596, At.- Vasud road, Sangola

Owner name:- The management, Sangola taluka Shetkari shikshan
prasarak mandal has been supervised by me and has been
completed according to the plans sanctioned, which is now in use.



(Chamble)

Ar. Chetan Kamble

B.Arch.

CA/13/60838

Sangola Dist. Solapur

सांगोला तालुका शेतकरी शिक्षण प्रसारक मंडळ सांगोला जि. सोलापूर या संस्थेच्या कार्यकारी मंडळाच्या मंगळवार दि. 20-09-2011 रोजीच्या मिटींग मधील विषय नं. 9 च्या पो. विषय नं. 2 च्या पो. ठराव नं. 2 वी लागुपुरती नक्कल असे

विषय नं. 9 :- मा. अध्यक्षसाहेब यांचे परवानगीने येणा-या ऐनवेळच्या विषयाचा विचार करणे

पो. वि. नं. 4 :- विद्यार्थीनी व महिलांसाठी स्वच्छतागृह बांधकामासाठी अनुदानाबाबत विचार करणे.

पो. ठ. नं. 4 :- संस्थेच्या विद्या शाखेत विद्यार्थीनी व महिलांची वाढती संख्या विचारात घेता सध्याचे स्वच्छतागृह अपूरे पडत असल्याचे निदर्शनास आले त्यावर सविस्तर चर्चा करण्यात आली. त्यानुसार दोन मजली महिला स्वच्छतागृह बांधकाम करावे. त्यासाठी लागणारा प्लॅन व इस्टिमेट तयार करून घ्यावे व बांधकाम सुरु करावे असे सर्वानुमते ठरले

सुचक - श्री. नारायणराव भगरे.

अनुमोदक - श्री. रामचंद्र खटकाळे.

ठराव सर्वानुमते मंजूर

बांधकाम पूर्णत्वाचा दाखला.

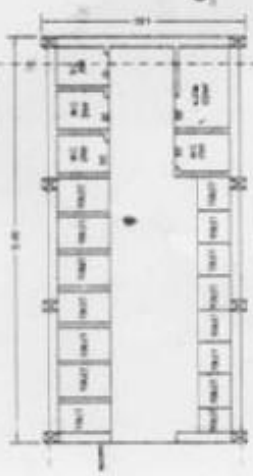
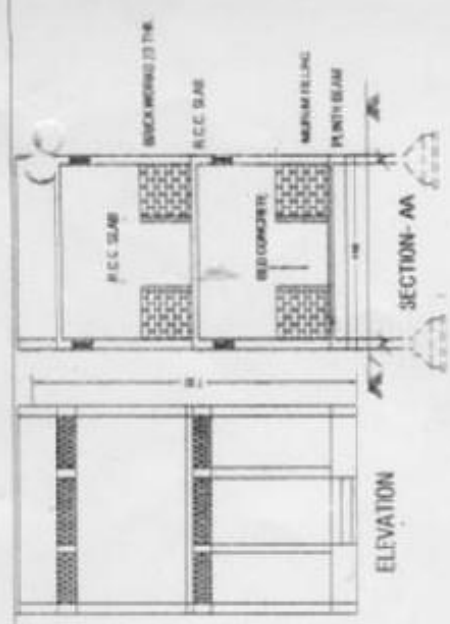
प्रमाणित करण्यात येते की,सांगोला तालुका शेतकरी शिक्षण प्रसारक मंडळ,सांगोला या संस्थेने विज्ञान महाविद्यालय सांगोला व न्यू इंग्लिश स्कूल,ज्युनिर्कोलेज सांगोला मधील विद्यार्थीनींसाठी त्यांचे घरजागा क. 1596 मध्ये सोबतच्या नकाशात दर्शविल्या प्रमाणे स्वच्छतागृह बांधकाम पूर्ण केले असून सदर स्वच्छतागृह सध्या वापरात आहे.

त्यास्तव हे प्रमाणपत्र देण्यात येत आहे.

दिनांक - 20/08/2017

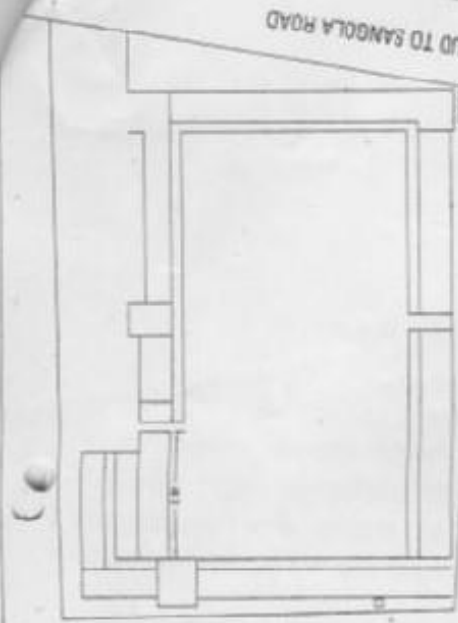
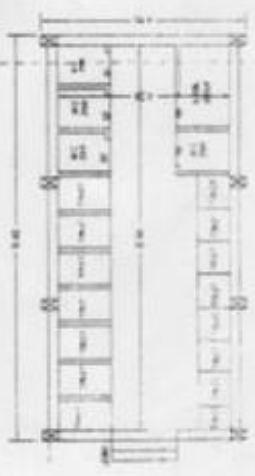
ठिकाण - सांगोला


Ar. Chetan Kambale
B.Arch.
CA/13/60838
Sangola Dist. Solapur



GROUND FLOOR BWP AREA CALCULATION
 $A = 8.40 \times 4.50 = 42.30 \text{ Sq. m}$

FIRST FLOOR BWP AREA CALCULATION
 $A = 8.40 \times 4.50 = 42.30 \text{ Sq. m}$



AREA STATEMENT		IN SQ. M
PLLOT AREA AS PER 7/12	17000.00	
ACTUAL PLOT AREA	12000.00	
GROUND FLOOR AREA	42.30	
FIRST FLOOR AREA	42.30	

SCHEDULE OF OPENING		
WALL	1.50 x 1.20	V = 0.45 x 3.14 = 4.42
PROPOSED CONSTRUCTION		MS
PIPEY TANK		MS
DRAINAGE TANK		RED BRICK

PROPOSED CONSTRUCTION LADIES TOILET.
 MUKH HOUSE NO. 1596
 AT: VASUD ROAD, SANGOLA, TAL- SANGOLA
 FOR SANGOLA TALUKA SETAKBI SHIKSHAN PRASARAK
 MANDAL, SANGOLA

PREPARED SIGN
 ENGINEER'S SIGN

Madhulav V. Kamble
 B.E. Civil Engineer
 Regd. No. A/10000/2008
 At Sangola, Dist. Solapur, Pin-413007

DATE: 15/05/2019



Attested

Principal
 M/s. M. Maheshwari & Sons, Sangola
 Tal. Sangola Dist. Solapur

Madhukar Vitthal Kumbhar
B.E. Const. Engg./F.I.V./M.I.E.
Consulting Engineer, Sangola
Dist. Solapur.

Name of Work:- Proposed Construction of sanitary block for ladies on, C.S.No.-
2921, Mun House No:-1596, At. Vasud Roa
Tal. Sangola, Dist. Solapur.
Name of Owner :- Sangola, Taluka Setakari Shikshan Prasarak Mandal Sangola

ESTIMATE

Sr. No.	Discription	Total Qty.	Rate		Per Unit	Amount	
			Rs.	Ps.		Rs.	Ps.
		3	4	5		6	
1	Excavation for foundation in earth, Soil of all types, sand gravel and soft murum, including removing the excavated material upto a distance of 50m. Beyond the building area and stacking and spreading as directed dewatering preparing the bed for the foundation and necessary back filling, removing watering including shoring and strutting etc. complete (Lift upto 1.5m to 3.0m)	35.40	165.00		cum.		5841.00
2	Providing and laying in situ cement concrete in 1:4:8 of trap/ granite/quartzite/gneiss metal for foundation and bedding including balling out water formwork compacting and curing etc complete.	6.76	2650.00		cum.		19266.00
3	Providing uncoursed rubble masonry of trap/granite/quartzite stones in cement mortar 1:6 in foundation and plinths of inner walls in plinth of external walls including balling out water striking joints on unexposed faces and watering etc. complete.	30.00	1000.00		cum.		30000.00
4	Providing & casting in situ cement Concrete M-20 of trap/granite/quartzite gneiss metal for R.C.C. columns as per detailed designs & drawing or as directed including centering, formwork, compacting and roughening the surfaces if special finish is to be provided and curing complete. (excluding reinforcement) (cement 6.90 bags/cum.) Spec. No. Bd.F5 Page No. 300 and B.6 P.No.18	5.34	3350.00		cum.		17889.00
5	Providing and casting in situ cement concrete in 1:2:4 cement concrete of trap/ granite/quartzite/gneiss metal for R.C.C. columns as per detailed drawings and designs or as directed including centering formwork compacting curing and roughening the surface if special finish is to be provided excluding steel etc complete.	8.35	4380.00		cum.		36573.00
6	Providing & casting in situ cement Concrete M-20 of trap/granite/quartzite/ gneiss metal for R.C.C. beams and listel as per detailed designs and drawing or as directed including centering, formwork, compacting & curing complete. (Excluding reinforcement) (cement 6.90 bags/cum.) Spec.No.Bd.F.6 Page No.300 and B-7, Page No.38	16.08	4170.00		cum.		67053.60

1	2	3	4	5	6
7	Providing and casing in situ cement concrete 1:1 1/2:3 of trap/granite/quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including centering, formwork compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement) Spec.No.:Bd.F6 Page No.300	13.53	4905.00	cum.	66364.66
8	Providing & fixing in position HYSD bar reinforcement of various diameters For R.C.C. pipe caps, footings foundations, slab, beams, columns, canopies staircase, newel, chajjas lintels, pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules including cutting, bending, hooking, the bars, binding with wire or tack welding and supporting as required complete. Spec.No.: Bd.F.17, Page No. 306	3.00	46909.00	MT.	140727.00
9	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding complete. Spec. No.:Bd.G.1 Page No. 313	79.66	2580.00	cum.	205522.80
10	Providing second class B.B.masonry Half brick Thick with conventional / I.S. type bricks in C.M.1:6 in superstructure including striking joints, raking out joints watering and scaffolding etc. complete.	66.46	525.00	sqm.	34891.5
11	Providing and fixing non leak wood single or double leaf plain planked window with 60 x 100 mm thick Non teak seasoned frame with ventilator with iron bars as per detailed drawing including iron oxidised fixtures and fastenings and finishing the wood work with oil painting etc. complete. Spec.: As directed by Engineer- in- charge.	15.75	2500.00	sqm.	39375.00
12	Providing internal cement plaster 20mm. Thick in two coats in cement mortar 1:3 with out neeru finish to concrete or brick surface in all positions including scaffolding and curring etc. complete. Spec. No.:Bd.L4 Page No.358	256.14	158.00	sqm.	40470.12
13	Providing sand faced plaster externally in cement mortar using approved screened sand in all positions including base coat of 15mm thick in C.M. 1:4 using water proofing compund at 1 kg/ cement bags curing the same for not less than 2 days and keeping the surface of the base coats rough to receive the sand faced treatment of 6 to 8 mm thick in C.M. 1:4 finishing the surface by taking out grains and curring for fourteen days scaffolding etc. complete. Spec. No.Bd.L.7 P.No.369	408.80	247.00	sqm.	100973.60
14	Providing & laying polished tandur stone flooring 25mm To 30mm. Thick required width in plain/ diamond pattern on a bed of 1:6 C.m. Including cement float, filling, joints, with neat cement slurry, curing, polishing and cleaning complete. Spec.No. :Bd.M3 Page No. 380	72.23	425.00	sqm.	30697.75

	2	3	4	5	6
15	Providing & applying 2 coats of waterproof cement paint of approved manufacture & of approved colour to the plastered surface including scaffolding if necessary cleaning & preparing the surface watering for two days complete. Spec.No.Bd .O7 Page No.405	256.14	28.00	sqm.	7428.00
16	Providing and applying washable oil bond distemper of approved colour and shade to old & new surfaces in two coats including scaffolding, preparing the surfaces (excluding the primer coat.) complete. Spec.No.Bd.P5 Page No.413	406.90	23.10	sqm.	9443.28
17	Providing and erecting and fixing the ferrocrete water storage tank of any capacity along with necessary in built fitting with it viz.inlet,outlet,overflow inler connection washout 45 cm.square or circular manhole with bottom with cover of same material monolithic cast body with bottom & body thickness up to 35MM & 25MM Respectively.	10000.00	5.00		50000.00
18	Providing and fixing H.D.P container one piece moulded water tank made out of low density polyethyler & Built Comugations inclusive of delivery up to destination housing fixing of accessory such as inlet,outlet,overflow inclusive of all taxes. Spec.: As directed by Engineer- in-charge.	5000.00	7.00		35000.00
Total					937516.36
Say Total					Rs. 937516.00
Add. 5% for water supply and sanitary work.					Rs. 45875.80
5% for Electrification.					Rs. 45875.80
5% for contingencies					Rs. 45875.80
5% For Architect / Engineer's supervision.					Rs. 45875.80
Total					Rs. 107503.20
Say Total					Rs. 1125019.00

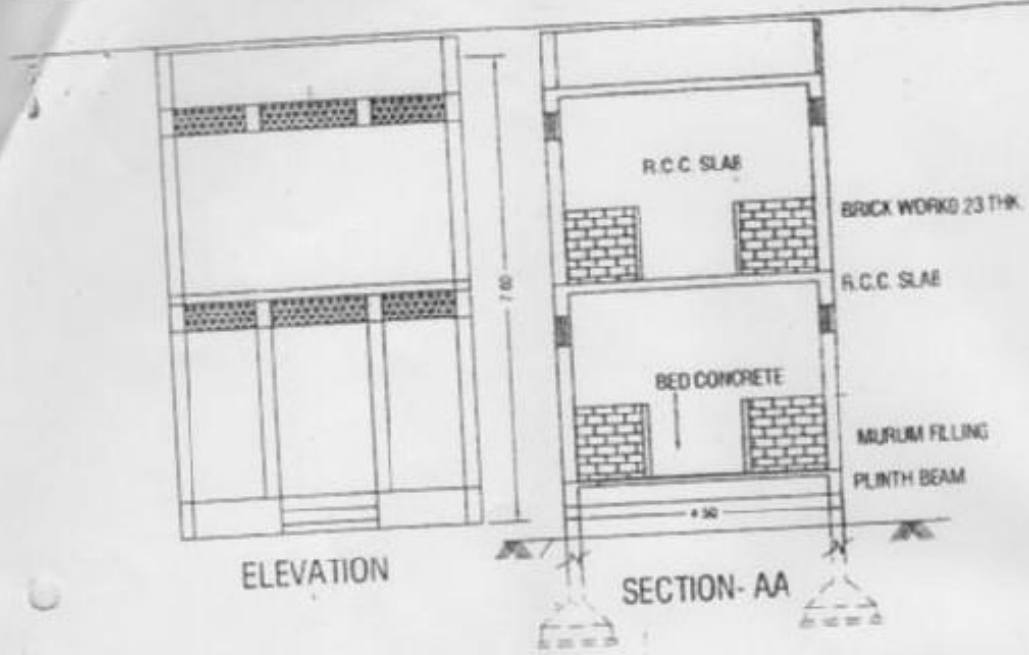
(In word:- Eleven Lakh Twenty Five Thousand Nineteen Only)



M Kamble
Madhukar V. Kamble
 B.E. Construction Engg.
 Regd. Valuer & Chartered Engineer
 At Sangola, Dist. Solapur, Pin-413307

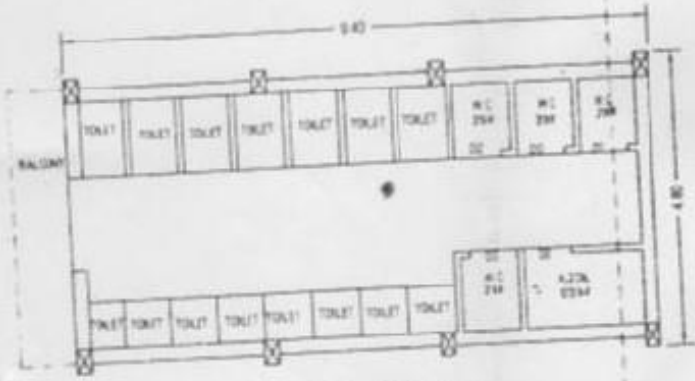
Counte Signed

[Signature]
Deputy Engineer
 Z.P. Sub.Da. Sangola

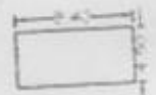


ELEVATION

SECTION-AA



FIRST FLOOR PLAN



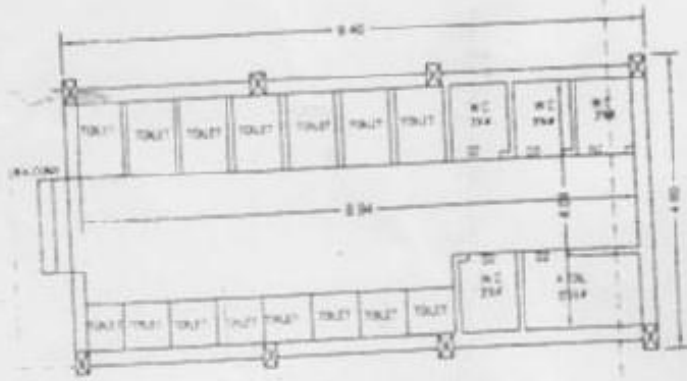
KEY PLAN

GROUND FLOOR B/UP AREA CALCULATION

$$A = 9.40 \times 4.50 = 42.30 \text{ Sq.m}$$

FIRST FLOOR B/UP AREA CALCULATION

$$A = 9.40 \times 4.50 = 42.30 \text{ Sq.m}$$



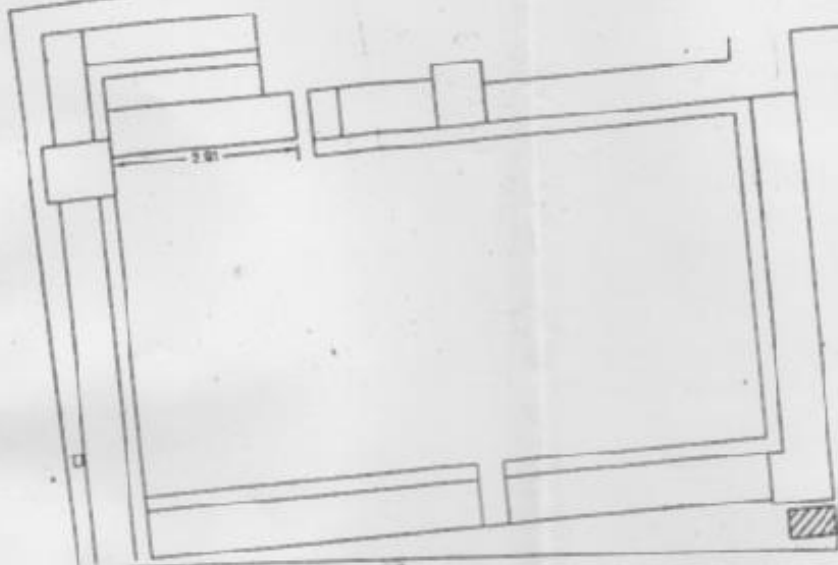
GROUND FLOOR PLAN



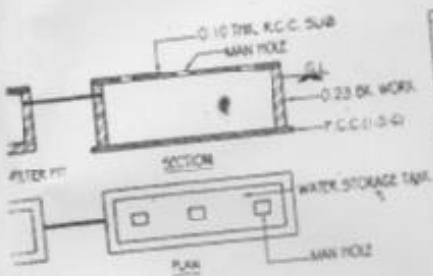
Control Sign

Deputy Engineer
Z.P. Sub. Div. Sangma

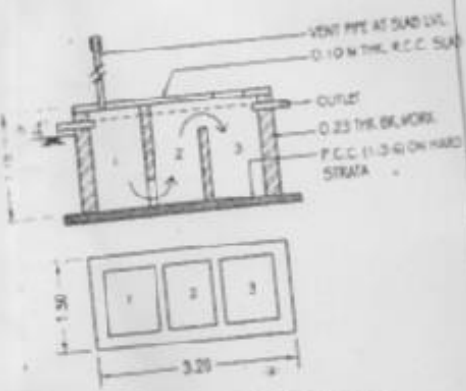
SCALE: 1:100



LOCATION PLAN



DETAILS OF RAIN WATER ARVESTING



DETAILS OF SEPTIC TANK

AREA STATEMENT	IN SQ.M
PLOT AREA AS PER 7/12	12000.00
ACTUAL PLOT AREA	12000.00
GROUND FLOOR AREA	42.30
FIRST FLOOR AREA	42.30

SCHEDULE OF OPENING	
GRILL = 1.52 X 2.25	V = 0.45 X 3.05
○ PROPOSED CONSTRUCTION	- RED
○ SEPTIC TANK	- RED
○ DRAINAGE LINE	- RED DOTTED

PROPOSED CON CONSTRUCTION LADIES TOILET-
 MUN.HOUSE NO.1596
 AT:-VASUD ROAD,SANGOLA TAL-SANGOLA
 FOR.SANGOLA TALUKA SETAKRI SHIKSHAN PRASARAK
 MANDAL SANGOLA

PRESIDENT SIGN	ENGINEER'S SIGN
 सांगोला तालुका शिक्षण प्रसारक मंडळ, सांगोला ता. सांगोला जि. सोलापूर	 Madhukar V. Kamble B. E. Construction Engg. Regd. Valuer & Chartered Engineer Al Sangola, Dist. Solapur, Pin-413307