

Shivaji D. Pingale  
CIVIL ENGINEER

Architectural Consultants \* Chartered Engineers  
Govt. Registered Valuers \* IBBI Registered Valuers



131

Date:

Ref. No.:

APPROXIMATE ESTIMATE FOR PROPOSED SELF SUPPORTED ONION STORAGE SHED, PROCESSING UNIT SHED, & WEIGHING SCALE CABIN, IN GAT NO. 478, AT - KOTAMGAON SHIWAR, TAL- NIPHAD, DIST- NASHIK.

### SUMMARY

SR. NO.	NAME OF WORK	TOTAL AMOUNT
1	SELF SUPPORTED ONION STORAGE SHED CIVIL WORK	69,50,000.00
2	SELF SUPPORTED ONION STORAGE SHED FABRICATION WORK	35,40,000.00
3	PROCESSING UNIT SHED	20,06,000.00
4	WEIGHING SCALE CABIN	03,50,500.00
	TOTAL AMOUNT	RS. 1,28,46,500.00

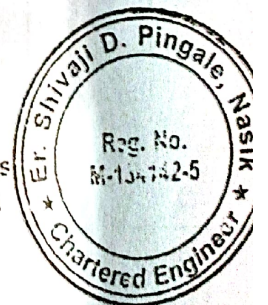
RS. ONE CRORE TWENTY EIGHT LAKHS FOURTY SIX THOUSAND FIVE HUNDRED ONLY.

Estimate provided for Self Supported Onion Storage Shed, Processing Unit Shed, Weighing Scale Cabin is as per Market Rate and reasonable and are as per shown on plan. Plans will be approved from Approving authority.



SHIVAJI D. PINGALE

B.E. (Civil) MIE F.I  
Chartered Engineers & Govt. Regd. Valuers  
5, Ramkrishna Aptt., Near Janlaxmi Bank  
Gangapur Road, Nashik



Shivaji D. Pingale  
BE (CIVIL), M.T.E., FIV

- Architectural Consultants
- Chartered Engineers
- Govt. Registered Valuers
- IBRI Registered Valuers

**dhanshree**  
ASSOCIATES

Date:

**NAME OF WORK:**  
APPROXIMATE ESTIMATE FOR PROPOSED CONSTRUCTION OF BELF SUPPORTED ONION STORAGE SYSTEM IN GAT NO - 478, AT -KOTAMGAON, TAL.- NIPHAD, DIST. - NASHIK, FOR M/S.-KRUSHNADHARA FARMERS PRODUCER CO. LTD.

Sr. No.	Item of work	Qty.	Rate	Unit	Amount
1	2	1	3	4	5
1	a) Excavation for foundation in hard murrum, including removing the excavated material up to a distance of 50 m, beyond the building area & slacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete. With Lift upto 1.5 m.				
	DSR. 21/22 719/115	121.00	215.00	Cum	26,015.00
	As per Rate Analysis				
2	Providing and laying in situ cement concrete in 1:4:8 of trap / granite / quartzite / gneiss metal for foundation and bedding including bailing-out water manually, formwork, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing etc. complete. (Wooden planks / shuttering will not be allowed) Spec. No. : Bd.E.1 Page No. 287	225.00	5,538.00	Cum	12,46,050.00
	DSR. 21/22 825/131				
	As per Rate Analysis				
3	Providing and laying in situ cement concrete of M-20 grade of trap / granite / quartzite / gneiss metal for R.C.C. work in foundations like raft, grillages, strips, foundations and footings of R.C.C. columns and steel stanchions including bailing-out water manually, formwork, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing and roughening the surface if special finish is to be provided (Excluding reinforcement, & structural steel) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. (Wooden planks / shuttering will not be allowed)	20.50	6,666.00	CUM	1,36,653.00
	DSR. 21/22 834/133				
	As per Rate Analysis				
4	Providing and casting in situ cement concrete of M-20 grade of trap granite / quartzite / gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including centering, formwork of plywood / steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete. (Excluding reinforcement.) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. (Wooden planks / shuttering will not be allowed)	6.00	12,987.00	CUM	77,922.00
	DSR. 22/23 839/134				
	As per Rate Analysis				

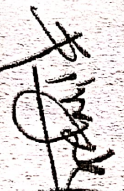
CO. FARMERS PRODUCER CO. LTD. NASHIK  
Reg. No. U011AHE2021  
Date: 15/11/2021  
Khadak Malegaon  
Dist. Nashik

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Reg. No. U011AHE2021  
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Dist. Nashik

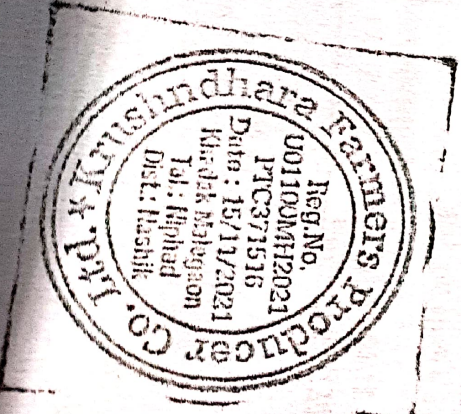
Plot No. 5, Ramkrishna Aptt., Near Janlaxmi Bank Opp. Bosco Center, Gangapur Road, Nashik - 422 013  
Tel.: 0253-2317453, Cell : 98902 78671, 94239 83321. crshivajipingale@gmail.com



Sr. No.	Item of work	Qty.	Rate	Unit	Amount
11	Providing and applying two coats of Exterior Cement paint of standard manufacture approved colour to the plastered surfaces including scaffolding if necessary, excluding primer coat cleaning and preparing the surface, etc. for specified building complete (Sample and brand is to be got approved from Executive Engineer before use) (Prior specific permission of S.E. shall be obtained before inclusion of this item in the estimate) Spec. No. : As directed by Engineer-in-charge.  DSR: 21/22 1079/164 As per Rate Analysis	105.00	83.00	Sqmt.	8,715.00
12	Providing and laying in situ cement concrete M20 with tremix treatment for 100 mm thickness for flooring with groove cutting of 4mm wide and 20mm deep with necessary refilling with bitumen etc. complete  DSR: 21/22 1015/158 As per Rate Analysis	1,900.00	746.00	sqm	14,17,400.00
TOTAL					58,89,740.50
ADD 18% G.S.T ON RS.58,90,000.00					10,60,200.00
TOTAL					69,50,000.00
<b>Rs. SIXTY NINE LAKHS FIFTY THOUSAND ONLY</b>					

  
 Shivalid D. Pingale,  
 Registered Professional Engineer,  
 Chartered Engineer

**SHIVALID, PINGALE**  
 B.E.(CIVIL) MIE FI  
 Chartered Engineer & Govt. Regd. Valuers  
 & Partner of Shivalid & Co. Pvt. Ltd. Bank  
 69/50, 1st Floor, Nashik



Shivaji D. Pingale  
 Elected M.L.A.  
 Architectural Consultants \* Chartered Engineers  
 Govt. Registered Valuers \* IBI Registered Valuers



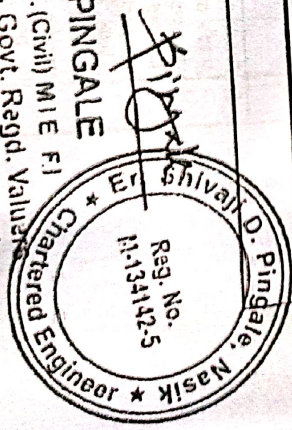
132

Est. No.

Date

NAME OF WORK :  
 APPROXIMATE ESTIMATE FOR FABRICATION WORK FOR PROPOSED CONSTRUCTION OF SELF SUPPORTED  
 ONION STORAGE SYSTEM IN GAY NO.47A, AT ROTANGADW, TAL. ARPHAD, DIST. NASHIK, FOR MS.  
 KRUSHINDHARA FARMERS PRODUCER CO. LTD.

Sr. No.	Item of work	Qty.	Rate	Unit	Amount	
1	Providing and fabricating structural steel work in trusses, joints and members with all bracing, gusset plates, including one coat of red lead primer complete. Spec. No. : Bd T55 Page No. 510  DSR. 21/22 817/129  As per Rate Analysis	1	9.00	1.05,609.00	MT	9,53,161.00
2	Providing and fixing Colour coated profiled Sheets for Roofing including one coat of red lead primer complete. Spec. No. : Bd T55 Page No. 510  DSR. 21/22 1174/174  As per Rate Analysis	1,450.00	996.00	Sqmt.	14,44,200.00	
3	Providing and fixing Colour coated profiled Sheets for Cladding including one coat of red lead primer complete. Spec. No. : Bd T55 Page No. 510	803.00	750.00	Sqmt.	6,02,250.00	
		TOTAL		RS	29,99,631.00	
		Say		RS	30,00,000.00	
		TOTAL		RS	5,40,000.00	
		ADD 18% G.S.T ON RS.29,99,000.00			35,40,000.00	
<b>RS. THIRTY FIVE LAKHS FORTY THOUSAND ONLY</b>						



**SHIVAJI D. PINGALE**  
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 Chartered Engineers & Govt. Regd. Valuers  
 5, Ramkrishna Apt., Near Janlaxmi Bank  
 G. Gopal Road, Nashik

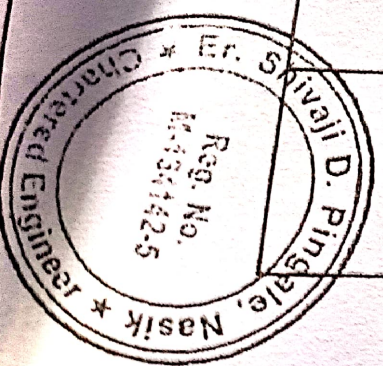
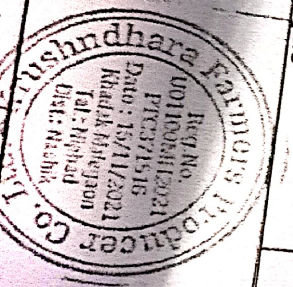
Flat No. 5, Ramkrishna Apt., Near Janlaxmi Bank, Opp. Bosco Center, Gangapur Road, Nashik - 422 013.  
 Tel.: 0253-2317453, Cell : 98902 78671, 94239 83321. [rs.shivajipingale@gmail.com](mailto:rs.shivajipingale@gmail.com)  
 Page 1 of 1

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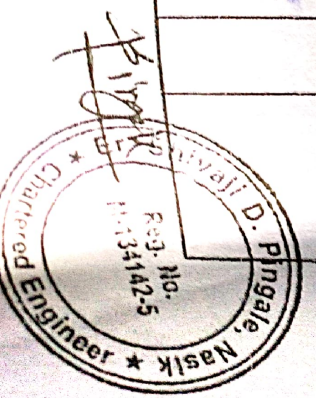
Date:

NAME OF WORK:  
APPROXIMATE ESTIMATE FOR PROPOSED CONSTRUCTION OF PROCESSING UNIT SHED IN  
GAI KOPATE, AT KOTIYAGAO, TAL. NIPUNAD, DIST. - NASHIK,  
FOR M/S. KRUSHINJYARA FARMERS PRODUCER CO. LTD.

Sr. No.	Item of work	Qty	Rate	Unit	Amount
1	(a) Excavation for foundation in hard medium, including removing the excavated material up to a distance of 50 m beyond the building area & stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete. With L/R upto 1.5 m.	1	3		
DSR 21/22 719/715 As per Rate Analysis		19.00	215.00	Cum	4,085.00
2	Providing and laying in situ cement concrete in 1:4:8 of trap / granite / quartzite / gneiss metal for foundation and bedding including bailing-out water manually, formwork, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing etc. complete. (Wooden planks / shuttering will not be allowed) Spec. No. : Bd.E.1 Page No. 267	10.00	5,538.00	Cum	55,380.00
DSR 21/22 825/731 As per Rate Analysis		5.00	6,666.00	CUM	33,330.00
3	Providing and laying in situ cement concrete of M-20 grade of trap / granite / quartzite / gneiss metal for R.C.C. work in foundations like retf. gullages, strips, foundations and bailing-out water manually, formwork, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing and roughening the surface if special finish is to be provided (Excluding reinforcement, & structural steel) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only (Wooden planks / shuttering will not be allowed)	4.25	12,987.00	CUM	55,194.75
DSR 21/22 834/733 As per Rate Analysis					
4	Providing and casting in situ cement concrete of M-20 grade of trap granite / quartzite / gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including centering, formwork of plywood / steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete. (Excluding reinforcement.) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. (Wooden planks / shuttering will not be allowed)				
DSR 22/23 839/734 As per Rate Analysis					



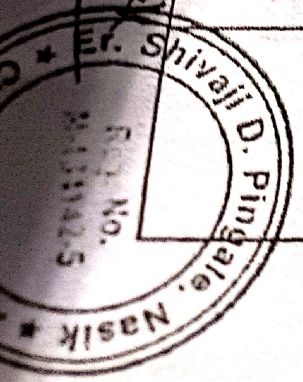
Sr. No.	Item of work	Qty.		Rate	Unit	Amount
		1	2			
5	Providing and casting in situ cement concrete of M 20 grade of trap granite / quartzite / gneiss metal for R.C.C. beams and lintel as per detailed design and drawings or as directed including centering formwork of plywood / steel compaction, covering newly laid concrete by gunny bag plastic or tarpaulin, finishing the formed surface with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc complete. (Excluding reinforcement. The cement mortar 1:3 plaster is considered for rendering between and hemmorrhoid surface only. Wooden plank / shuttering will not be allowed)	5.50		11,483.00	Cum	63,156.50
<p style="text-align: center;"><b>DSR 21/22 844/135</b> <b>As per Rate Analysis</b></p>						
6	Providing and fixing in position I.M.I. steel bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams, columns, canopies, staircase, newels, chajjas, lintels, parils, copings, fins, arches etc. as per detailed designs, drawings and schedules including cutting, bending, hooking the bars, blinding with wires or tack welding and supporting as required complete. (I.M.T. steel from Other Plant) Spec. No. Bd.F. 17 Page 306	2.00		71,778.00	MT	1,43,556.00
<p style="text-align: center;"><b>DSR 21/22 869/139</b> <b>As per Rate Analysis</b></p>						
7	a) Filling in plinth and floors with contractor's material approved by Engineer-in-charge in 15 cm to 20 cm layers including watering and compaction complete. Spec. No. : Bd.A.11 Page No. 263 b) Filling in Plinth with Available material	65.00		550.00	Cum	35,750.00
		19.00		113.00	Cum	2,147.00
<p style="text-align: center;"><b>DSR 21/22 749/117</b> <b>As per Rate Analysis</b></p>						
5	Providing dry trap / granite / quartzite / gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting complete. Spec. No. : Bd.A.12 Page No. 264	27.00		1,454.00	Cum	39,258.00
<p style="text-align: center;"><b>DSR 21/22 750/117</b> <b>As per Rate Analysis</b></p>						
9	Providing & fixing second class Burnt Brick masonry in foundation & plinth as per I.S. 2185-part 3, masonry 2 with approved Chemical mortar including scaffolding complete. As directed by Engineer incharge 230 mm thick	5.00		7,343.00	Cum	36,715.00
<p style="text-align: center;"><b>DSR 21/22 887/144</b> <b>As per Rate Analysis</b></p>						
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 etc. Complete	27.00		7,570.00	Sqm	2,04,390.00
<p style="text-align: center;"><b>DSR 21/22 890/144</b> <b>As per Rate Analysis</b></p>						
10	Providing and fabricating structural steel work in trusses, girders, purins and members with all bracing, gusset plates, including one coat of red lead primer complete. Spec. No. : Bd.T55 Page No. 510	1.75	#####	MT		1,85,340.75
<p style="text-align: center;"><b>DSR 21/22 817/129</b> <b>As per Rate Analysis</b></p>						
11	Providing and fixing Colour coated profiled Sheets for Roofing including one coat of red lead primer complete. Spec. No. : Bd.T55 Page No. 510	125.00		996.00	Sqm	1,24,500.00
<p style="text-align: center;"><b>DSR 21/22 1174/174</b> <b>As per Rate Analysis</b></p>						
12	Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. complete.	175.00		366.00	Sqm	64,050.00
<p style="text-align: center;"><b>DSR 21/22 959/153</b> <b>As per Rate Analysis</b></p>						



Sl. No.	Item of work	Qty.	Rate	Unit	Amount
1		1	3	4	5
12	Providing and fixing cement plaster 20mm thick in two coats in cement mortar 1:4 without mesh mesh in concrete brick surface. In all positions including scaffolding and curing complete. Spec. No. B41.4 Page No. 300	100.00	599.00	sqmt	1,13,810.00
13	Providing and fixing in position jobstone back / Corbony between / Ribs, roof / Open Brick granite stone for Door / Windows Frames, approved shade and size 10 mm to 20 mm thick on bed 1:6 cementmortar including cement float, striking joints, pointing in C.M. 1:3 and cleaning etc. complete	4.25	4,354.00	Sqmt	18,504.50
14	Providing and fixing bothside prelanimated solid panel pvc door shutter, in single leaf 35 mm thick as per detailed drawing approved face veneers on both faces with / without glazing and venetians in the positions shown on the drawing or as directed all necessary beads, mouldings and lipping, chromium plated fixtures and fastenings on both sides and finishing complete (without door frame) Spec No. : B4 T.34 Page No. 499	10.00	3,291.00	Sqmt	32,910.00
15	Supplying and fixing in position Coloured Anodised extruded section three track sliding windows upto 1.5 m height, outer frame made from section of overall size 92 mm x 45 mm bottom section with drains section with shutters of section made of 19 mm x 40 mm size with 5 mm plain glass with rollers, locks and handles etc complete	18.00	4864.00	sqmt	87552.00
16	Providing and fixing mild steel grill for Windows/Ventilators weighing 20 kg / sqm, with one coat of anticorrosive paint and two coats of oil painting with approved colour and shade, remarking the damaged surface, cleaning, etc. complete. Spec. No. : As directed by Engineer in charge.	18.00	2139.00	Sqm	38502.00
17	Providing and fixing Glossy Coloured glazed tiles 600 mm x 600 mm in size and about 8 to 10 mm thick for Flooring in (excluding all specials required like round edge tiles, corner tiles, angles, cups etc.) filling joints with white cement slurry, curing and cleaning complete.	7.00	1227.00	Sqm	8589.00
18	Providing and fixing white glazed tiles 300 mm x 450 mm in size and about 5 to 6 mm thick for dado and skirting in required positions on plaster of 1:4 cement mortar (excluding all specials required like round edge tiles, corner tiles, angles, cups etc.) filling joints with white cement slurry, curing and cleaning complete.	25.00	1249.00	Sqm	31225.00
19	Providing and applying two coats of Exterior Cement paint of standard manufacture approved colour to the plastered surfaces including scaffolding if necessary, excluding primer coat cleaning and preparing the surface, etc for specified building complete (Sample and brand is to be got approved from Executive Engineer before use) (Prior specific permission of S.E. shall be obtained before inclusion of this item in the estimate) Spec. No. : As directed by	190.00	83.00	Sqm	15,770.00

Reg. No. J01169442021  
PTC371516  
Date: 15/11/2021  
Khadak Malagon  
Tal.: Niphad  
Dist.: Nashik

As Per Rate Analysis  
DSR. 21/22 1079/164  
As Per Rate Analysis



PTC371516  
Date: 15/11/2021  
Khatola, Nashik  
Tal.: Niphad  
Dist.: Nashik

Hog No. U0110004H12021  
Date: 15/11/2021  
Khatola, Nashik  
Tal.: Niphad  
Dist.: Nashik

SHIVAJI D. PINGALE

Reg. No. M-134142-5

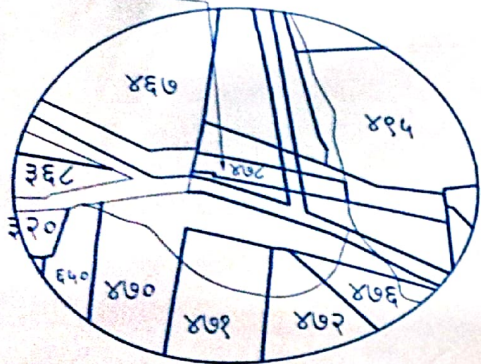
Chartered Engineer & Govt. Regd. Valuers  
5, Rankin Road, Nashik

Sr. No	Item of work	Qty.	Rate	Unit	Amount
29	Providing and fixing white glazed earthenware wash hand basins of size 60x45 cm including roller top, brickwork, rubber plugs and brass stop tap and necessary connections including UPVC waste pipe and UPVC hot/cold water pipe and side face of wall making good the damaged surface. Testing etc complete. Spec. No. As directed by Engineer in charge. DSR 21/22 1367/190 As Per Rate Analysis	1	2,500.00	No	5,000.00
30	Providing and fixing PVC Nibson tap 100 mm dia including PVC plug bend UPVC pipe upto outside face of wall and 100 mm dia PVC galling third flush with flooring tiles. DSR 21/22 1369/190 As Per Rate Analysis	4.00	1,104.00	No	4,416.00
31	Providing and fixing 100mm dia UPVC soil / vent / waste/ 4985 to with stand 2.50 kg/ cm2 including necessary fixture and fitting such as bends, tees, single junction double and in ground including necessary excavation, laying filling tranches testing etc complete. DSR 21/22 1397/202 As Per Rate Analysis	9.00	535.00	Rmt	4,815.00
32	Providing, laying and fixing joining Eco- drain 160 mm SN as per EN 13476 or equivalent make, manufacture such as bends, tees, coupler, etc, joining with fittings lubricant including necessary excavation, trench refilling with selective excavated material etc complete. Spec. No.: As directed by Engineer in charge. DSR 21/22 1488/211 As per Rate Analysis	6.00	522.00	Rmt	3,132.00
33	Providing & Constructing Brick Masonry Inspection Chamber 60cm x 45cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonry plastering from inside and airtight 75mm thick R.C.C. cover etc. complete. Spec. No.: Bd V.43 Page No. 574 DSR 21/22 1387/200 As per Rate Analysis	5.00	7,818.00	No	39,090.00
34	Providing, hoisting and fixing in position SINTEX or equivalent High Density poly Ethylene UV stabilised conforming to IS-12701 WATER STORAGE TANK with necessary connection, testing etc complete. DSR 21/22 1379/274 As per Rate Analysis	1.00	15,690.00	NO	15,690.00
35	Providing and fixing in position hume pipe SEPTIC TANK 900 mm dia with vent pipe and necessary connection, testing etc complete. DSR 21/22 1388/201 As per Rate Analysis	1.00	2,683.00	NO	2,683.00
32	Providing SOAK PIT of size 120cmx 120cmx120cm including excavation & filling with brick bat and necessary connection, testing etc complete. DSR 21/22 1388/201 As per Rate Analysis	1.00	2,683.00	NO	2,683.00
TOTAL					16,99,750.50
ADD 18% G.S.T ON RS.59,38,500.00					17,00,000.00
TOTAL					33,99,750.50
ADD 18% G.S.T ON RS.59,38,500.00					20,06,000.00
TOTAL					54,05,750.50

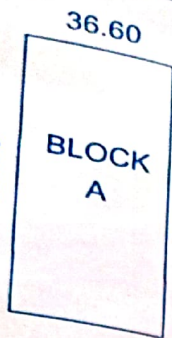
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5, Rankin Road, Nashik

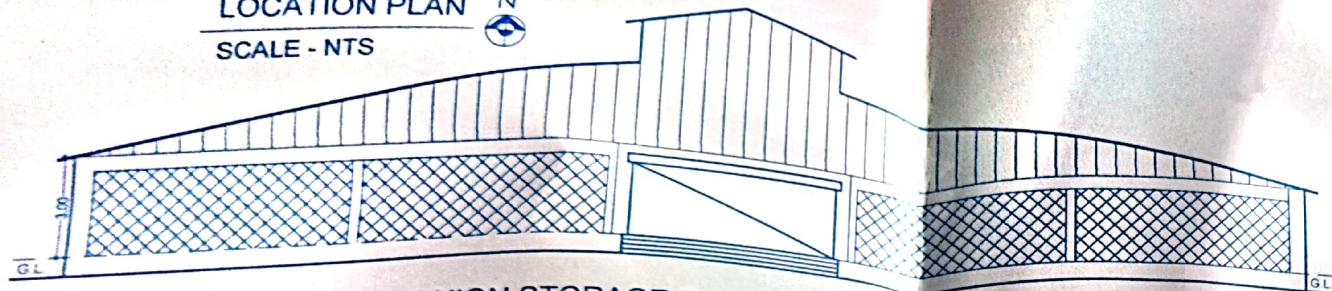
PROPOSED SITE



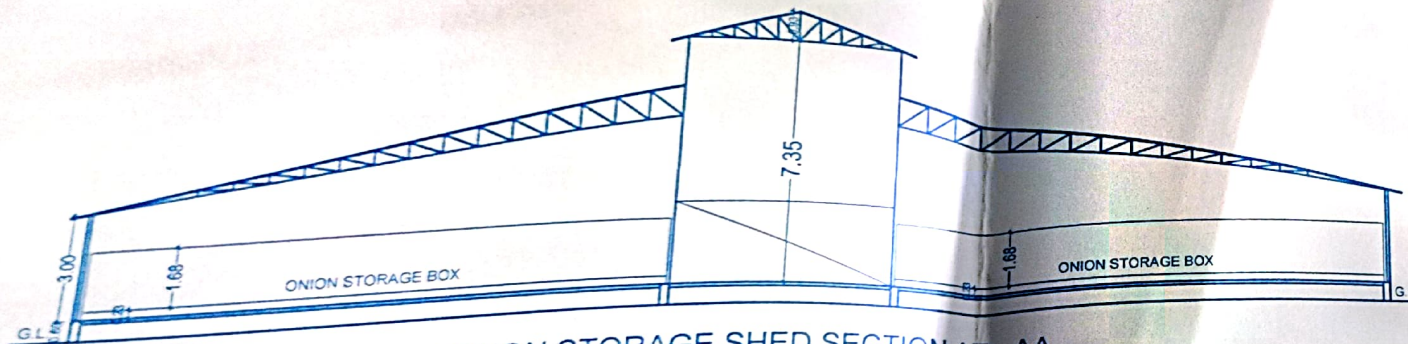
LOCATION PLAN  
SCALE - NTS



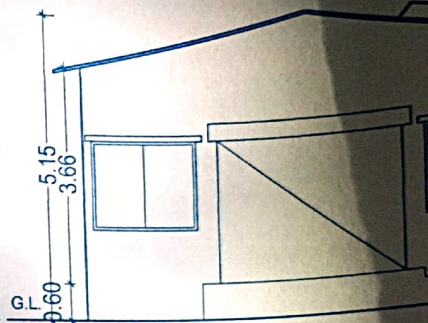
AREA DIGRAM & CALCULATIONS ONION STORAGE SHED	
GROUND FLOOR AREA OF TYPICAL BLOCK A	$36.60 \times 56.50 = 2067.90 \text{ SQM.}$
B/U/P AREA AT GROUND FLOOR	$= 2067.90 \text{ SQM.}$
TOTAL B/U/P AREA ONION STORAGE SHED	$= 2067.90 \text{ Sqm.}$



ONION STORAGE SHED FRONT ELEVATION  
SCALE - 1:200



ONION STORAGE SHED SECTION AT - AA  
SCALE - 1:200



PROCESSING UNIT SHED FRONT ELEVATION  
SCALE - 1:100

