

SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY

7.1.4: Water conservation facilities available in the Institution:

Index

S. No	Contents
1	Bills for the purchase of equipment for the facilities created under this metric.
2	Document for relevant information.



Sri Indu College of Engineering & Technology

Approved by AICTE, New Delhi, Affiliated to JNTU, Hyderabad.
 Sponsored by New Loyola Model Education Society, Vanasthalipuram, Hyd.
 Sheriguda (Village), Ibrahimpatan, Ranga Reddy District - 501 510
 Phone: Office: 9558414 or 96414 - 224156, 224157, 224177, Fax: 040-24929175, E-mail: siet.joyala@jatton.co.in

Lf. No. SICET/D4/UPS/2013

Date 30.08.2013

PURCHASE ORDER

To
 SSA Aqua Solutions
 D No. 3-9-518/12
 Brundavan Colony, Road No. 3
 LB Nagar
 Mansoorabad

Sir,

Sub:- SICET - Purchase of RO PLANT - 1000 lph - Order Placed - Regarding.

Ref:- Your quotation DATED 28 Aug 2013.

We are pleased to place an order for supply of RO PLANT - 1000 LPH as per following description for use in our college (New Library Block, R& D Block & Mech Block).

S.No.	Description	Qty Nos	Rate (Rs.)	Amount (Rs.)
1	1000 LPH RO SYSTEM AS PER THE SPECIFICATION IN THE QUOTATION	ONE	1,45,000	1,45,000/-
	TOTAL			1,45,000/-

The terms and conditions for the supply are as follows.

- Place of Delivery : Sri Indu College of Engineering & Technology
Sheriguda, Ibrahimpatnam, RR District
- Warranty : As per your quotation.
- Addl service : Maintenance & supply of consumables for one year
from date of purchase
- Payment : On delivery, installation and satisfactory working
condition
- Delivery : Immediately

Thanking you,

Yours faithfully,

PRINCIPAL

Sri Indu College of Engineering & Technology
 (Approved by AICTE & Affiliated to JNTUH)
 Sheriguda, Ibrahimpatnam, R.R. Dist-501 510

Note: Advance of R 20,000/- paid by cash
 on 26/8/2013

Shekar
 9010710039



PRINCIPAL
 Sri Indu College of Engineering and Technology
 (Vill): SHERIGUDA-501 510,
 Ibrahimpatnem(M), R.R.Dist.



Sri Indu College of Engineering & Technology

Approved by AICTE, New Delhi, Affiliated to JNTU, Hyderabad.
 Sponsored by New Loyola Model Education Society, Vanasthalipuram, Hyd.
 Sheriguda (Village), Ibrahimpatnam, R.R. District - 501 510
 Phone: Office: 958414 or 08414 - 224158, 224159, 224160, 224177, Fax: 040-2620179, E-Mail: siet_sriindu@yahoo.co.in

Lr. No. SICET/D4/UPS/2013

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Soobh
 PRINCIPAL
 Sri Indu College of Engineering and Technology
 (M): SHERIGUDA-501 510,
 Ibrahimpatnam(M), R.R. Dist.



Sri Indu College of Engineering & Technology

Sheriguda Village, Ibrahimpatnam, R.R. District - 501 510.

No. _____

DEBIT VOUCHER

Date: 28/9/2013

DEBIT New Ro plant on New Litup Block

Particulars Mr A - Aurmalah - SSA Agre Solutions

On Account of Postance

Rupees 1000 LPA for Litup, Rs 2 Mach Block

one lakh twenty five thousand -

By Cash / Cheque / D.D. No. _____ Dt. _____ on _____

Rs. 1,25,000/-

[Signature]
Prepared by:

Checked by

[Signature]
Receiver's Signature



[Signature]
PRINCIPAL
Sri Indu College of Engineering and Technology
(VII): SHERIGUDA-501 510,
Ibrahimpatnam(M), R.R.Dist.

S.S.A. AQUA SOLUTIONS

Invoice
Cash / Credit Bill

Regd. Office : Plot No. 59/B, Behind Vidyabharathi School,
Balaji Nagar, Miyapur, R.R. Dist., Hyd.
TIN No. 28305977971
Office : H.No. 8-100, Vinayaka Nagar, Medipally,
Boduppal, Hyderabad, R.R. Dist.
Email : guru.npil@yahoo.com, Cell : 9441651284

M/s. Sri Hindu Engineering Super Bill No. 2642
Address Technology College WayBill No.: _____ Date: 12/09/13
Mangalpally, Brahmapuram D.C. No.: _____ Date: _____
GRN / TIN No. _____ Ph. No. _____ P.O. No.: _____ Date: _____
Mode of Transport: _____
Name of the Transport / Bilty No.: _____
Vehicle No.: _____

S.No.	Description	Qty.	Rate	Net Amount	Vat		Total	
					Rate%	Amount		
1	1000 cts Poplants	1	1,45,000	1,45,000			1,45,000	
2	1. Paid - Installed.							
3	An amount of Rs 20000/- was paid as advance on 30/8/2013							
4	Balance due 1,25,000/-							
5	for Rs 1,25,000/- to be paid							
6	Ch. no. 82301/13913							
7	Ch. no. 1000 was issued for Rs. 50000/-							
8	Ch. no. 1000 was issued for Rs. 50000/-							
Grand Total								1,45,000

1. Paid - Installed.
2. An amount of Rs 20000/- was paid as advance on 30/8/2013
3. Balance due 1,25,000/-
for Rs 1,25,000/- to be paid
Ch. no. 82301/13913
Ch. no. 1000 was issued for Rs. 50000/-
Ch. no. 1000 was issued for Rs. 50000/-

Ch. no. 312827 dt. 20.9.13
for Rs. 1,25,000/- in full
Vat
2009

Rupees One /ack forty five thousand Super only
P. K. Kumar
For SSA Aqua Solutions

We hereby certify that our registration Under AP General Sales tax Act, 1957 is in force on the date on which the sale of goods specified in this bill in made by us and that the transaction of sales covered by this bill has been effected by us in the regular course of our business



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Sri Indu College of Engineering and Technology
(VII), SHENIGUDA-501 540,
Brahmapuram (M), R.R. Dist.

7.1.4 Water conservation facilities available in the Institution

1. Rain Water Harvesting

Sri Indu College of Engineering and Technology has enabled rainwater harvesting system (RWH) in the campus. Rain water collected from roof top of the buildings, paved streets, parkinglots, sidewalks is sent to storage tank. After the tank is full, the overflow water is sent to rechargepit which improves ground water level. RWH system provides sources of water and reduces dependence on the wells and other sources which is cost effective.

The rain water coming from roof tops and that flowing within the campus are collected in four numbers of percolation pits of 3m x 3m size each, constructed at all feasible points in the campus recharge ground water.



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(M): SHERGAUDA-501 510,
Ibrahimpatnem(M), R.R.Dist.

Rain Water Harvesting Pit



2. Bore well /Open well recharge

Our College is using the bore well waters to all the purposes which is placed near to the rain water storage pits since for making availability of water in the bore well round the year without getting dry even in the summer season.



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(M): 9849454501, 9849454502
(M): 9849454501, 9849454502
Abrahampatnam(M), R.R.Dist.

Bore well with recharge pit



1. Construction of tanks and bunds

The water from tank is used for gardening, floor cleaning and other external uses. Flow of rainwater is stored in tank.



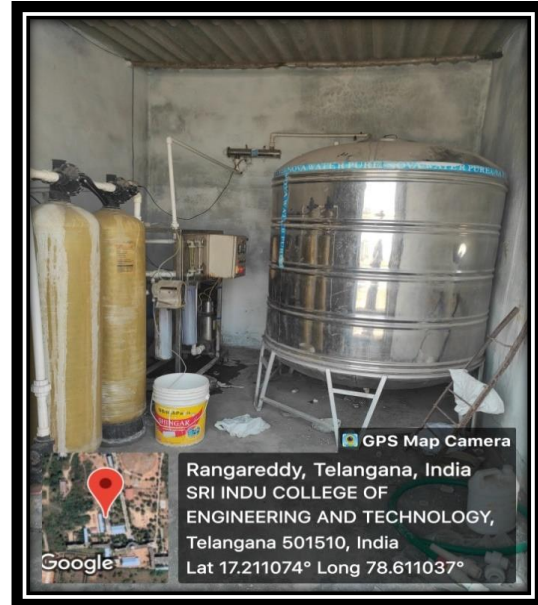
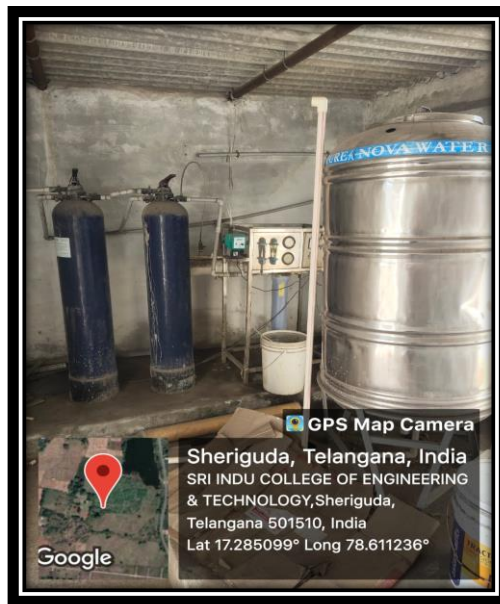
Tank in college



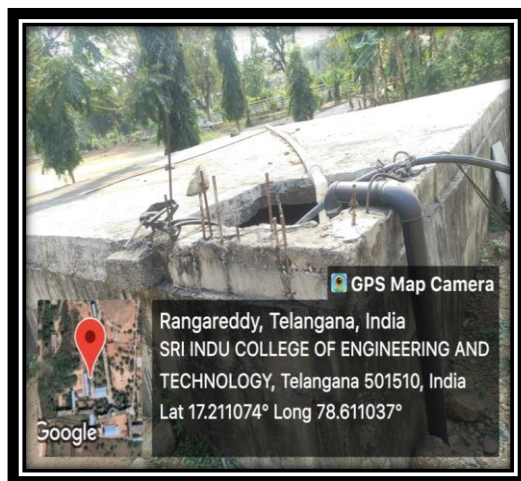
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Brahmapatnem(M), R.R.Dist.

2. Waste water recycling

Our college practices separation of waste water from fresh water. Effective reuse of waste water from RO plant is being used for irrigating the green areas. Recycled water is used for flushing of toilets and watering the gardens. Our own RO purifier plant which is situated on the roof top is having 500 liters capacity. Water is stored in tanks and supplies through pump system.



Recycling waste water through RO Plant



Treated Waste water stores in tank and supplies through motor pump system



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The recycled water is used to water the plants and garden. Institution also implements drip system for watering the plantation to avoid the wastage of water. All the lawns are equipped with sprinkler system to reduce water wastage and less consumption of electricity for regular watering.



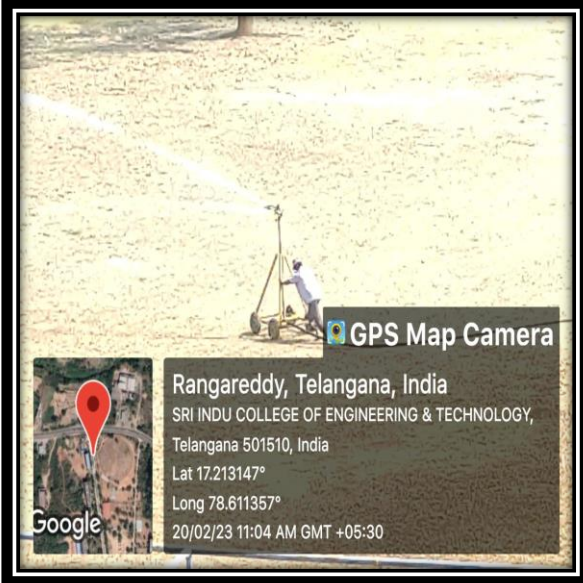
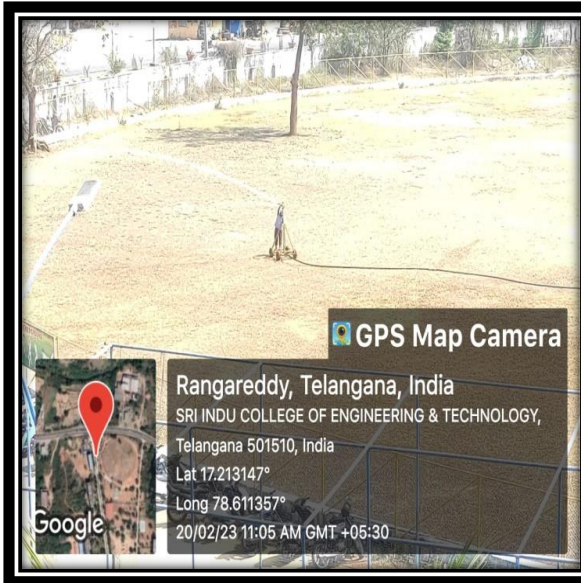
Drip irrigation system is used in campus to irrigate water for plants and trees



Drip irrigation system is used in campus to irrigate water for plants and trees



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 (VII): SHERIGUDA-501 52.0,
 Brahmapatnam(M), R. R. Dist.



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Sri Indu College of Engineering and Technology
(M): SHERGUDA-501 510,
Brahmapatnam(M), R.R.Dist.

3. Maintenance of water bodies and distribution system in the campus

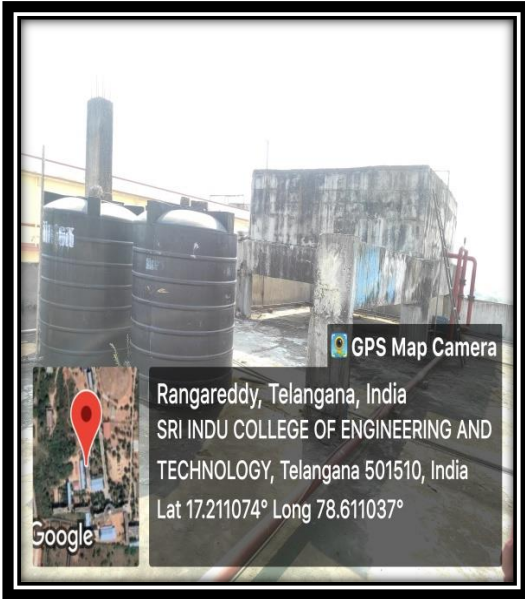
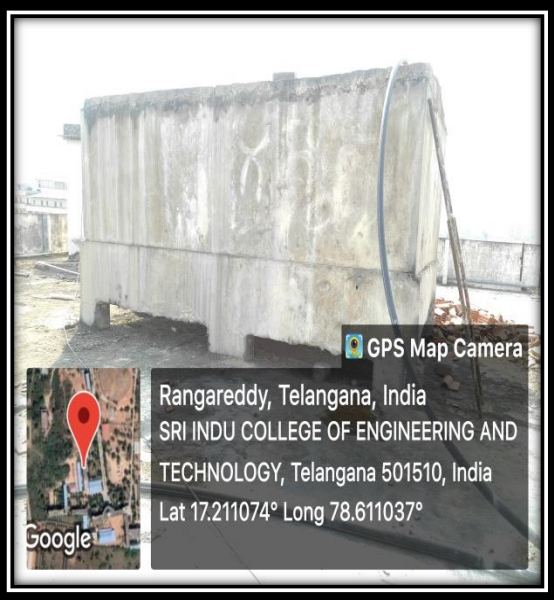
The ground water is pumped into storage tanks located at different places in the campus. There are six numbers of overhead storage tanks in the campus. The water is distributed through well laid pipe network. Drinking water after treating in RO plant is supplied through a separate set of distribution pipes and water for all other purpose is supplied through another set of distribution pipes. Entire distribution system is well supervised by committee to ensure that there are no leakages and wastages of precious water through joints, valves etc. Waste usage of water is reduced using low pressure flushes. All the stakeholders of the college are well educated to use water economically and efficiently.



Distribution of water through pipes



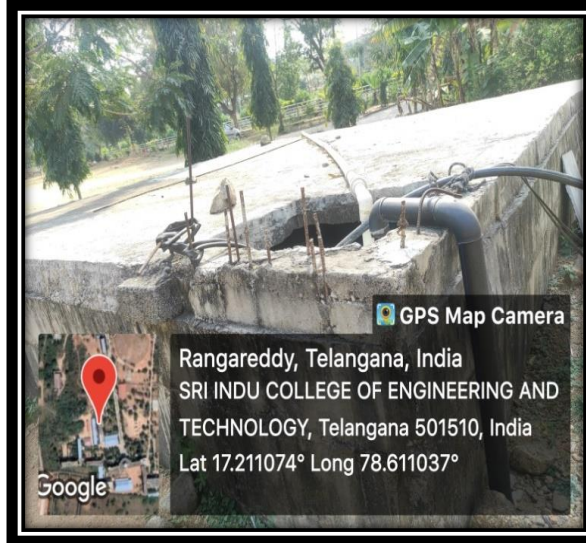
Drinking water Cooler



Storage of water in tanks



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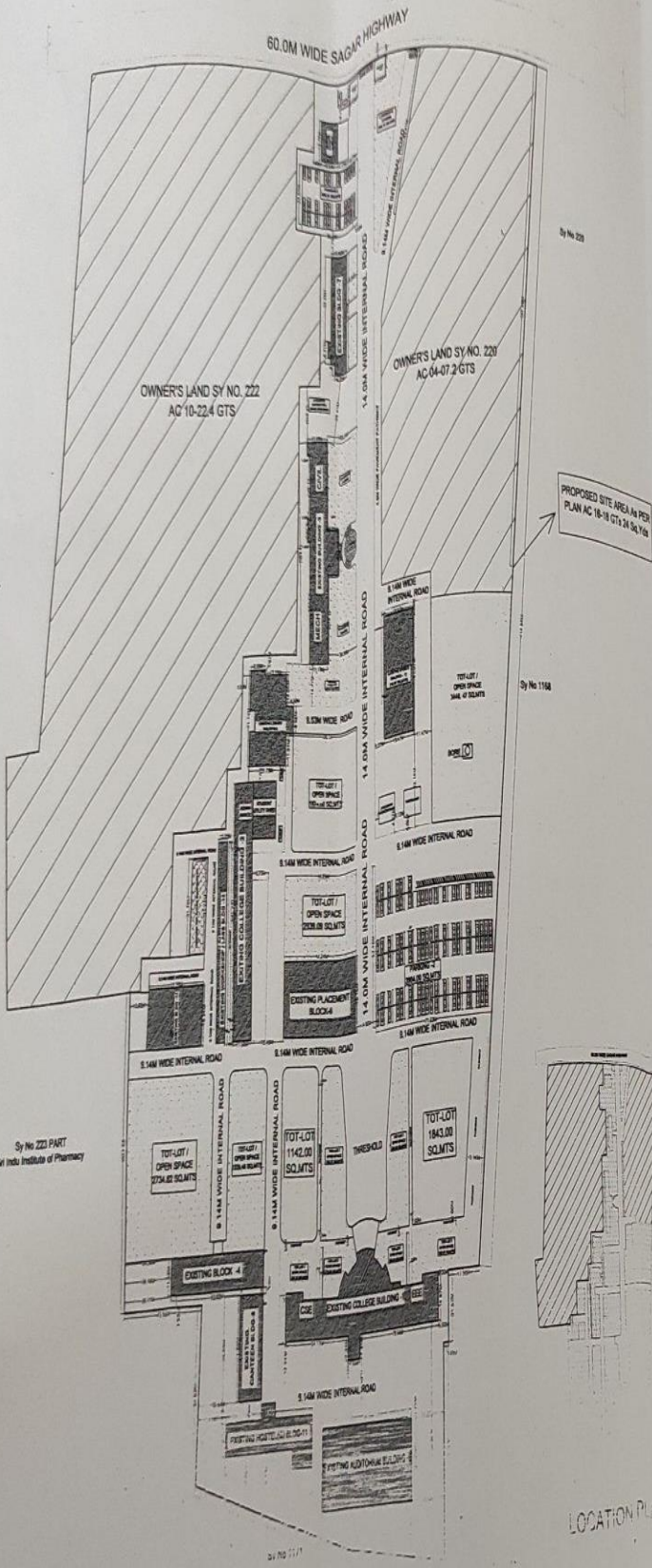


Treated Waste water stores in tank and supplies through motor pump system



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SRI INDU COLLEGE LAYOUT



IN SY. No. 220A, 61/101A SITUATED AT, SAGAR PATH & KHALSA, BHARHATPATNA, UNDER THE MAGADHAPARTYAT OF SHEKHOUVA (V), BHARHATPATNA MANSAL, PUSHPAL, T. S. FALLS UNDER HYDRABAD METROPOLITAN DEVELOPMENT AUTHORITY (P.M.A) BELONGING TO:
 MRS. LOKYA & MRS. EDUCATION SOCIETY REPRESENTED BY ITS SECRETARY & CORRESPONDENT
 Mr. R. Venkat Rao, 5/5 Lane R. Malu Rao

SCALE: 1:1000

SPECIFICATIONS
 FOUNDATIONS: C.P.S IN C.M
 SUPERSTRUCTURE: BRICK IN C.M
 ROOF: LINTELS, CHALKHIPS, STAIR, IN RCC (1:2:4)
 DOORS & WINDOWS: TEAK WOOD
 FLOORING: VITRIFIED TILES
 FINISHING: C.M DOUBLE COAT SMOOTH FINISH

AREA STATEMENT
 TOTAL EXTENT OF LAND: AC 10-24 GTS OR 42,000.00 SQ.MTS
 BLOCK-1 AREA: 788.8 SQ.MTS (GROUND+3 FLOORS)
 BLOCK-2 AREA: 3238.8 SQ.MTS (GROUND+3 FLOORS)
 BLOCK-3 AREA: 4048.8 SQ.MTS (GROUND+3 FLOORS)
 BLOCK-4 AREA: 2797.7 SQ.MTS (GROUND+3 FLOORS)
 BLOCK-5 AREA: 2768.88 SQ.MTS (GROUND+3 FLOORS)
 BLOCK-6 AREA: 1957.43 SQ.MTS (SHEED)
 BLOCK-7 AREA: 691.41 SQ.MTS (SHEED)
 BLOCK-8 AREA: 1792.3 SQ.MTS (SHEED)
 BLOCK-9 AREA: 985.5 SQ.MTS (SHEED)
 BLOCK-10 AREA: 3535.19 SQ.MTS (GROUND+4 FLOORS)
 BLOCK-11 AREA: 392.3 SQ.MTS (SHEED)
 BLOCK-12 AREA: 290.0 SQ.MTS (SHEED)
 BLOCK-13 AREA: 278.59 SQ.MTS (SHEED)
 TOTAL BUILT UP AREA: 31,968.47 SQ.MTS

The Proposed site has an area of AC 18-18 GTS in S.Y. 18, out of which institution proposed is of AC 3-12 GTS in S.Y. 18, including Possession of buildings, Roads and Parking.
 The Remaining site area of the proposed, i.e., AC 7-5 GTS in S.Y. 18 will be used in view of the future proposals and Expansion of the institution.

AREAS STATEMENT FOR ENGINEERING COLLEGE SITE

TOTAL SITE AREA:	71,581.00 SQ.MTS (10,237.14 AC)
PROPOSED AREA:	8,829.31 SQ.MTS (1,261.92 AC)
Area of buildings:	12,798.88 SQ.MTS (1,828.28 AC)
Open area:	23,383.87 SQ.MTS (3,340.54 AC)
Roads area:	15,415.83 SQ.MTS (2,195.12 AC)
Parking area:	4,792.21 SQ.MTS (687.46 AC)
Total area:	56,391.81 SQ.MTS (8,111.40 AC)

1. The design and construction of the building shall conform to the provisions of the Indian Standards and other relevant codes of practice.
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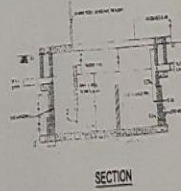
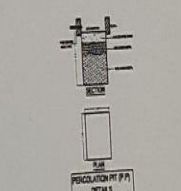
REFERENCE

PROPOSED	EXISTING
PARKING	TOP LOT
LANDSCAPE	BOULDER

OWNERS SIGNATURE
 Secretary / Correspondent
 Mrs. Lokya Malvi Education Society
 40/46C, Venkatasubrahmanyam, Hyderabad-50
 Sri Indu College of Engineering & Technology
 (Approved by ICCE & Affiliated to JNTU-H)
 Shamshad, Hyderabad, A.P. Code 501 101

ARCHITECT'S SIGNATURE:
 (Regn. No.)
Sanku Reddy
Sri Indu Institute of Pharmacy
Hyderabad

STRUCTURAL ENGINEER'S SIGNATURE
 (Regn. No.)
S. Ramesh Reddy





Sash
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Sri Indu College of Engineering and Technology
(M): BRAHMAPATNAM-501 540,
Brahmapatnam(M), R.R.Dist.