

M/s. IMAIGAL TRUST

(Implementing Agency - Kongu Coir Cluster, Erode)

Regd. Office: No.145, 2nd Floor, Sathy Road, Opposite to Bus Stand,
Near Park Palace hotel, Erode - 638003

Phone: +91-424-4971810, **Mobile:** +91-8248786810

Email: imaigalcluster@gmail.com

TENDER REFERENCE No. SFURTI-II/TN-ERODE/BLDG-001/2019-20

**TENDER FOR THE CONSTRUCTION OF
INDUSTRIAL WORK SHED BUILDINGS AND AMENITIES FOR THE
COMMON FACILITY CENTER OF KONGU COIR CLUSTER, ERODE**

Date & Time of Release of Tender	13.01.2020, 11.00 AM
Date & Time of Pre-Bid Meeting	27.01.2020, 11.00 AM
Last Date & Time for Submission of Bid	05.02.2020, 02.00 PM
Date & Time of Opening of Bid (Technical bid only)	05.02.2020, 03.00 PM

Prepared by

ITCOT Consultancy and Services Limited

(Technical Agency – SFURTI Coir Clusters, Tamilnadu)

E-mail: info@itcot.com, **Website:** www.itcot.com

CONTENTS

Clause	Topic	Page No.
1.	PREAMBLE.....	1
2.	SCOPE OF WORK	2
3.	QUALIFICATION CRITERIA.....	2
4.	LANGUAGE OF THE TENDER	3
5.	PURCHASE OF TENDER DOCUMENT.....	3
6.	PREBID MEETING	3
7.	CLARIFICATION ON THE TENDER DOCUMENT.....	4
8.	AMENDMENT OF TENDER DOCUMENT.....	4
9.	AUTHORISATION OF THE TENDERER.....	4
10.	PRE-VISIT OF SITE.....	4
11.	SPECIFIC INSTRUCTIONS TO BIDDERS/CONTRACTORS	4
12.	SUBMISSION OF TENDER IN TWO COVER SYSTEM	5
13.	EARNEST MONEY DEPOSIT	6
14.	VALIDITY	6
15.	OPENING AND EVALUATION OF THE TENDER	6
16.	PRICE OFFER	7
17.	EVALUATION OF THE PRICE	7
18.	AWARD OF CONTRACT	8
19.	SECURITY DEPOSIT	8
20.	AGREEMENT.....	8
21.	ISSUE OF WORK ORDER	8
22.	EMPLOYMENT OF TECHNICAL ASSISTANTS.....	9
23.	PAYMENT TERMS.....	9
24.	PENALTY	9
25.	TERMINATION OF CONTRACT.....	10
26.	GENERAL CONDITIONS	10
27.	ARBITRATION	10
28.	JURISDICTION OF THE COURT.....	11

ANNEXURES

I.	BUILDING DRAWING & BOQ.....	12
II.	PART-I (COVERING LETTER).....	43
III.	DETAILS OF THE TENDERER.....	45
IV.	ANNUAL TURNOVER STATEMENT.....	46
V.	LIST OF WORKS EXECUTED IN LAST 3 YEARS	47
VI.	DECLARATION OF NOT HAVING BLACKLISTED.....	48
VII.	DECLARATION FOR NOT HAVING TAMPERED THE TENDER DOCUMENT....	49
VIII.	PART-II (COVERING LETTER).....	50
IX.	PRICE BID.....	51
X.	CHECKLIST OF DOCUMENTS	52

**TENDER FOR THE CONSTRUCTION OF INDUSTRIAL WORK SHED
BUILDINGS AND AMENITIES FOR KONGU COIR CLUSTER, ERODE**

1. PREAMBLE

Ministry of MSME, Government of India has formulated “**Scheme of Fund for Regeneration of Traditional Industries (SFURTI)**”, for the development of Village industries and Coir clusters in order to organize the traditional industries and artisans for their growth and long term sustainability. The scheme stipulates **Coir Board** as the Nodal Agency for coir clusters.

The scheme specifies the following institutional arrangement at the operational level:

- a Special Purpose Vehicle (SPV) be formed to develop and manage the cluster
- an Implementing Agency (IA) is appointed to undertake scheme implementation
- a Technical Agency (TA) is designated to assist and guide the scheme implementation

Kongu Coir Cluster, Erode is approved under the scheme. **M/s.Sri Kongu Coir Cluster Private Limited**, having administrative office at No.27, Nehru Street, Saminathapuram, Erode, is the Special Purpose Vehicle (SPV) of the Cluster. **M/s.Imaigal Trust** is the Implementing agency of the cluster and **M/s.ITCOT Consultancy and Services Limited** is the designated Technical agency for the cluster.

The scheme envisages establishment of upgraded production infrastructure, as the Common Facility Center (CFC), for the manufacturing of coir products and stipulates the building construction and machinery procurement for the establishment of CFC should adhere the General Financial Rules (GFR) of Government of India. Accordingly, the tender procedures are being undertaken for the construction of CFC building works and procurement of machineries.

M/s.Sri Kongu Coir Cluster Private Limited, the Special Purpose Vehicle (SPV) of Kongu Coir Cluster, Erode, having the administrative office at No.27, Nehru Street, Saminathapuram, Erode, propose to establish a Common Facility Centre (CFC) at S.F.No.461/1, Ichipalayam village, Kodumudi Taluk, Erode District, Tamilnadu with the financial assistance from Government of India under SFURTI.

In this context, on behalf of SPV, **M/s.Imaigal Trust**, the Implementing Agency (IA) of Kongu Coir Cluster, Erode having administrative office at No.145, 2nd Floor, Sathy Road, Opposite to Bus Stand, Near Park Palace hotel, Erode-638003, invites sealed tenders from Civil contractors in “Two Cover System” for the construction of industrial work shed buildings and amenities for the Common Facility Center for Kongu Coir Cluster, Erode through transparent bidding process. The Tender notification has been published fixing the date of opening of tender as 05.02.2020.

2.	SCOPE OF WORK																
	<p>a) The successful tenderer should undertake construction of industrial work shed buildings and amenities at SF.No.461/1, Ichipalayam village, Kodumudi Taluk, Erode District as per the drawings and Estimate/Bill of Quantity (BoQ) given in Annexure-I.</p> <p>b) The successful tenderer should complete the construction of industrial work shed buildings and amenities within 120 days from the date of receipt of Work Order. The time line for the cumulative percentage of work to be completed based on the value of work shall be as given below:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Days</th> <th style="text-align: center;">Percentage of work to be completed</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1st 30 days</td> <td style="text-align: center;">Min. 20% of total contract value</td> </tr> <tr> <td style="text-align: center;">2nd 30 days</td> <td style="text-align: center;">Min. 50% of total contract value</td> </tr> <tr> <td style="text-align: center;">3rd 30 days</td> <td style="text-align: center;">Min. 80% of total contract value</td> </tr> <tr> <td style="text-align: center;">4th 30 days</td> <td style="text-align: center;">100% of total contract value</td> </tr> </tbody> </table>		Days	Percentage of work to be completed	1 st 30 days	Min. 20% of total contract value	2 nd 30 days	Min. 50% of total contract value	3 rd 30 days	Min. 80% of total contract value	4 th 30 days	100% of total contract value					
Days	Percentage of work to be completed																
1 st 30 days	Min. 20% of total contract value																
2 nd 30 days	Min. 50% of total contract value																
3 rd 30 days	Min. 80% of total contract value																
4 th 30 days	100% of total contract value																
3.	QUALIFICATION CRITERIA																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Clause</th> <th style="text-align: center;">Qualification Criteria</th> <th style="text-align: center;">Supporting Document</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">3(a)</td> <td>The tenderer should be a registered legal entity.</td> <td> (i) In case of Private / Public Limited Companies, <ul style="list-style-type: none"> • Copy of Incorporation Certificate issued by the Registrar of Companies • Copy of Memorandum and Articles of Association (ii) In case of Partnership Firm, <ul style="list-style-type: none"> • Registered Partnership deed (iii) In case of Proprietorship Concern, <ul style="list-style-type: none"> • Copy of Udyog Aadhaar/ GST Registration Certificate / PAN Card. </td> </tr> <tr> <td style="text-align: center;">3(b)</td> <td>The tenderer should be an eligible Civil contractor</td> <td> (i) Valid Registration Certificate from PWD as Class I Contractor or from Highways department (ii) Valid registration of GST </td> </tr> <tr> <td style="text-align: center;">3(c)</td> <td>The tenderer should have at least 3 years of experience (as on 31st December 2019) as Civil contractor.</td> <td> (i) Work orders issued by clients (ii) Performance certificate issued by clients (iii) List of construction works executed in last 3 years as per Annexure-V </td> </tr> <tr> <td style="text-align: center;">3(d)</td> <td>The tenderer should have been awarded and successfully completed at least three works of similar nature with Government</td> <td> (i) Work orders issued by clients (ii) Performance certificate issued by clients </td> </tr> </tbody> </table>		Clause	Qualification Criteria	Supporting Document	3(a)	The tenderer should be a registered legal entity.	(i) In case of Private / Public Limited Companies, <ul style="list-style-type: none"> • Copy of Incorporation Certificate issued by the Registrar of Companies • Copy of Memorandum and Articles of Association (ii) In case of Partnership Firm, <ul style="list-style-type: none"> • Registered Partnership deed (iii) In case of Proprietorship Concern, <ul style="list-style-type: none"> • Copy of Udyog Aadhaar/ GST Registration Certificate / PAN Card. 	3(b)	The tenderer should be an eligible Civil contractor	(i) Valid Registration Certificate from PWD as Class I Contractor or from Highways department (ii) Valid registration of GST	3(c)	The tenderer should have at least 3 years of experience (as on 31 st December 2019) as Civil contractor.	(i) Work orders issued by clients (ii) Performance certificate issued by clients (iii) List of construction works executed in last 3 years as per Annexure-V	3(d)	The tenderer should have been awarded and successfully completed at least three works of similar nature with Government	(i) Work orders issued by clients (ii) Performance certificate issued by clients
Clause	Qualification Criteria	Supporting Document															
3(a)	The tenderer should be a registered legal entity.	(i) In case of Private / Public Limited Companies, <ul style="list-style-type: none"> • Copy of Incorporation Certificate issued by the Registrar of Companies • Copy of Memorandum and Articles of Association (ii) In case of Partnership Firm, <ul style="list-style-type: none"> • Registered Partnership deed (iii) In case of Proprietorship Concern, <ul style="list-style-type: none"> • Copy of Udyog Aadhaar/ GST Registration Certificate / PAN Card. 															
3(b)	The tenderer should be an eligible Civil contractor	(i) Valid Registration Certificate from PWD as Class I Contractor or from Highways department (ii) Valid registration of GST															
3(c)	The tenderer should have at least 3 years of experience (as on 31 st December 2019) as Civil contractor.	(i) Work orders issued by clients (ii) Performance certificate issued by clients (iii) List of construction works executed in last 3 years as per Annexure-V															
3(d)	The tenderer should have been awarded and successfully completed at least three works of similar nature with Government	(i) Work orders issued by clients (ii) Performance certificate issued by clients															

	Organizations / Public Sector Undertakings in the last 3 years (as on 31 st December 2019).	
3(e)	The tenderer should have reported an Average Annual Turnover of Rs.2.00 Crores in the last three consecutive financial years i.e. 2016-17, 2017-18 and 2018-19.	(i) The average annual turnover statement duly certified by Chartered Accountant as per Annexure IV (ii) The Annual Report/ certified copies of Balance Sheet, Profit & Loss statement along with schedules for the last 3 consecutive financial years
3(f)	The tenderer should not have been blacklisted for supply of any items or services by any Government departments/agency	The declaration form as per Annexure VI should be enclosed.

4. LANGUAGE OF THE TENDER

The Tender prepared by the tenderer as well as all correspondences and documents relating to the Tender shall be in English language only. If the supporting documents are in a language other than English/Tamil, the notarized translated English version of the documents should also be enclosed.

5. PURCHASE OF TENDER DOCUMENTS

- a) The tender document shall be downloaded from **www.coirboard.gov.in** or **www.itcot.com** at free of cost. The tenderer should give a declaration for not having tampered the Tender document downloaded from Internet (as per Annexure VII).
- b) The tender document can be downloaded from 13.01.2020 to 04.02.2020.

6. PREBID MEETING

There will be a pre-bid meeting on 27.01.2020 at 11.00 am in the office of **M/s.Imaigal Trust, No.145, 2nd Floor, Sathy Road, Opposite to Bus Stand, Near Park Palace Hotel, Erode-638003** during which the prospective tenderers can get clarifications about the tender. The tenderers shall send their queries in writing if any so as to reach IA at least two days prior to the pre-bid meeting date. The tenderers are advised to check **www.coirboard.gov.in** or **www.itcot.com** for up-to-date information like change in date / venue etc., of pre-bid meeting as IA may not be able to identify and communicate with the prospective bidders at this stage. Non attending of pre-bid meeting is not a disqualification.

7.	CLARIFICATION ON THE TENDER DOCUMENT
<p>The tenderers may ask for queries in any of the clauses in the tender document before 48 hours of the opening of the tender. Such queries may be sent in writing to “M/s.Imaigal Trust, No.145, 2nd Floor, Sathy Road, Opposite to Bus Stand, Near Park Palace Hotel, Erode-638003” or by e-mail to imaigalcluster@gmail.com. IA will upload the clarification on www.coirboard.gov.in or www.itcot.com. It is binding on the part of tenderers to check the above said websites for any amendments or clarifications posted during the entire tender process.</p>	
8.	AMENDMENT OF TENDER DOCUMENT
<p>IA whether on its own initiative or as a result of a query, suggestion or comment of an Applicant or a Respondent, may modify the tender document by issuing an addendum or a corrigendum at any time before the opening of the tender, with the concurrence of the tender committee. Any such addendum or corrigendum will be uploaded on www.coirboard.gov.in or www.itcot.com and the same will be binding on all Applicants or Respondents or Tenderers, as the case may be.</p>	
9.	AUTHORISATION OF THE TENDERER
<p>The Tender should be signed on each page by the tenderer or by the person who is duly authorized for the same by the tenderer.</p>	
10.	PRE-VISIT OF SITE
<p>The tenderer, on his/her own responsibility, risk and cost, is advised to visit and examine the site of works at SF.No.461/1, Ichipalayam village, Kodumudi Taluk, Erode District and its surroundings and obtain all information that may be necessary for preparing the bid and entering into a contract for the work(s) as mentioned in the Annexure (I).</p>	
11.	SPECIFIC INSTRUCTIONS TO BIDDERS / CONTRACTORS FOR QUOTING OF RATES
<p>(a) The contractors are requested to read the detailed specification and quote the rates clearly in the Price bid. Quoting the rates in the Price bid will only be taken up for comparison and shall be final.</p> <p>(b) The tenders invited are based on item wise rates mentioned in the estimate of works/BoQ. Any lumpsum deductions or increase or rebate offered either in the tender</p>	

or in the covering letter or at any portion of the tender will be ignored and only the rates offered in the Price bid alone will be taken as valid rates and taken up for tender comparison. Rates or Lumpsum amounts for items not called for shall not be included in the tender. Any alteration made by tenderer in the contract form, the conditions to Contract, the drawings, specification, or quantities accompanying the same will not be recognised and if any such alterations are made the tender will be void.

- (c) The tenderer / contractor will make his/her/their own arrangements to procure and use ISI Brand Cement and ISI Brand steel required for the work.
- (d) It should be clearly understood that the rate quoted by the tenderer / contractor is inclusive of incidental charges such as conveyance, loading, unloading, stacking at site and testing charges etc., complete.
- (e) The tenderer / contractor will produce test certificate obtained from any one of the Govt. institutions for cement and steel brought to site. And only when the test results confirm to the ISI specification they will be allowed to be used in the works.
- (f) The tenderer / Contractor should strictly follow above instructions without fail.

12. SUBMISSION OF TENDER IN TWO COVER SYSTEM

- (a) Every page of the terms and conditions of the tender document should be signed and enclosed with the tender, in token of having accepted the tender conditions. Failing which the tender will be rejected summarily.
- (b) Tenders should be submitted in two parts:
 - i. Part I will cover technical bid and
 - ii. Part II will cover price bid
- (c) Tenderers should ensure submission of all documents pertaining to Part-I and Part II proposals separately as per the Check list given in Annexure -X.
- (d) Tenderers are requested to place Part I and Part II documents in separate sealed covers. Part I cover to be superscripted as **“Part I – Technical bid”** and Part II cover to be superscripted as **“Part II – Price bid”** respectively, mentioning the name and address of the Tenderer in each of the both covers. These two sealed covers (Part I and Part II) must be placed in a single outer cover superscripted as **“Tender for the construction of work shed buildings and amenities for Kongu Coir Cluster, Erode”** and addressed to **“M/s.Imaigal Trust, C/o. Regional Office Coir Board, No.41, Nehru Street, Mahalingapuram, Near Roundana, Beside Water Tank, Pollachi – 642002, Tamilnadu”** mentioning the name and address of the Tenderer in the outer cover. **Tenders shall be submitted in sealed cover and unsealed tenders would summarily be rejected.**
- (e) Tenders should be dropped only in the tender box kept at the office of **“Regional Office Coir Board, No.41, Nehru Street, Mahalingapuram, Near Roundana, Beside Water Tank, Pollachi - 642002”** on or before 02.00 PM on 05.02.2020. Tenders will not be received by hand.

(f) Alternatively, the tenders can be submitted through registered post so as to reach the above address on or before 02.00 PM on 05.02.2020. Tenders received after the specified time will not be considered and IA will not be liable or responsible for any postal delays.

(g) A tender once submitted shall not be permitted to be altered or amended.

13. EARNEST MONEY DEPOSIT

(a) The Tender should be accompanied by an Earnest Money Deposit (EMD) to the value of Rs.1,50,000 /- (Rupees One lakh Fifty thousand only) in the form of Account Payee Demand Draft drawn on any Indian Nationalized/Scheduled Commercial Bank in favour of “HI Account Erode Kongu Coir Cluster”, payable at Erode. The EMD in any other form will not be accepted. The Earnest Money Deposit will be returned to the unsuccessful tenderers at the earliest on the expiry of final bid validity and latest on or before the 30th day of the award of contract.

(b) The Earnest Money Deposit will be retained in the case of successful tenderer and it will not earn any interest and will be dealt with, as provided in the terms and conditions of the tender.

(c) Any request of the tenderer, under any circumstances claiming exemption from payment of EMD will be rejected and their Part II price offer will not be opened.

(d) If the tenderer emerges as the successful bidder and after subsequent issuance of letter of acceptance by the IA, failure to sign the agreement, to remit the Security Deposit or to execute the contract as per tender conditions, will result in the forfeiture of the EMD amount remitted.

14. VALIDITY

(a) The rate quoted in the Tender should be valid for the acceptance by the IA for a minimum period of 90 days from the date of opening of the Tender.

(b) The accepted rate of the successful tenderer is valid till the entire contract is fully completed. Escalation in the rates will not be entertained under any circumstances.

15. OPENING AND EVALUATION OF THE TENDER

(a) The tender box will be closed at 02.00 PM as per the office clock on 05.02.2020 and the received tenders in the tender box will only be opened. Tenders received after specified date and time will not be accepted. The Tender will be opened by the Tender committee at 03.00 PM on the same day in the presence of the available Tenderers/representatives of the Tenderers who choose to be present. The Tenderers or their authorized agents are allowed to be present at the time of opening of the tenders.

- (b) Tender Committee will inform the attested and unattested corrections, before the Tenderers and sign all such corrections in the presence of the Tenderers. If any of the Tenderers or agents not present then, in such cases the Committee will open the tender of the absentee Tenderer and take out the unattested corrections and communicate it to them. The absentee Tenderer should accept the corrections without any question whatsoever.
- (c) If the date fixed for opening of the tender happens to be a Government holiday, the sealed tenders will be received up to 02.00 PM on the next working day and opened at 03.00 PM on the same day.
- (d) The Technical bid will be evaluated by the tender committee in terms of the qualification Criteria. The committee reserves the right to disqualify any of the tender in case the Committee is not satisfied with the documents furnished.
- (e) After the completion of evaluation of technical bids, the tenderers declared as qualified by the Committee, will be informed the date of opening of Price bid (Part II).

16. PRICE OFFER

- (a) The Price bid should be kept only in the Part II cover.
- (b) The price bid should be prepared as per Annexure-IX.
- (c) The price should be neatly and legibly written both in figures and words.
- (d) In case of discrepancy between the prices quoted in words and figures lower of the two shall be considered.
- (e) If a bidder quotes NIL charges/consideration, the bid shall be treated as unresponsive and will not be considered.
- (f) Part-II bid should not contain any commercial conditions. Variation in the commercial terms and conditions of the tender will not be accepted.

17. EVALUATION OF THE PRICE

- (a) The Tender committee will examine for complete, properly signed and error-free nature of the Price bid (Part II)
- (b) The comparison of the rates offered shall be based on the total all inclusive rates offered (i.e. sum of all inclusive rate offered for all the tendered items).

18.	AWARD OF CONTRACT
<p>(a) The Tenderer who has quoted lowest price (L1) will be issued the 'Letter of Acceptance' by the Implementing Agency.</p> <p>(b) In unavoidable circumstances, such as receipt of very limited bids or the proposal prices are substantially higher than the market value / updated cost estimate or available budget, the committee may decide upon resorting to Negotiation with the lowest evaluated responsive bidder. In such cases, the Tenderer who has quoted lowest price (L1) will be invited for negotiations and after finalizing the negotiated rate, Letter of Acceptance will be issued.</p>	
19.	SECURITY DEPOSIT
<p>(a) On receipt of the Letter of Acceptance from IA, the successful tenderer should remit a Security Deposit (SD) of 5% of the value of the contract in the form of Account payee Demand Draft from any Indian Nationalized/Scheduled Commercial Bank or irrevocable Bank Guarantee with a validity period of one year in favour of "HI Account Erode Kongu Coir Cluster", payable at Erode, within 10 (Ten) working days from the date of receipt of letter of acceptance. The EMD shall be adjusted with the Security Deposit.</p> <p>(b) Any other amount pending with IA will not be adjusted under any circumstances, against the Security Deposit if so requested.</p> <p>(c) If the Security Deposit amount is not paid within the time specified, the EMD remitted by the tenderer shall be forfeited, besides cancelling the communication of acceptance of the Tender.</p> <p>(d) Security Deposit amount remitted will not earn any interest.</p>	
20.	AGREEMENT
<p>The successful tenderer should execute an agreement as may be drawn up to suit the conditions on a non-judicial stamp paper of value, as prescribed in law on the date of remittance of Security Deposit and shall pay for all stamps and legal expenses incidental thereto. In the event of failure to execute the agreement, within the time prescribed, the EMD/SD amount remitted by the tenderer will be forfeited besides cancelling the Tender.</p>	
21.	ISSUE OF WORK ORDER
<p>After payment of Security Deposit and successful execution of the agreement, Work Order will be released within 10 days by the IA. The successful tenderer should complete the</p>	

construction of industrial work shed buildings and amenities within 120 days from the date of receipt of Work Order

22. EMPLOYMENT OF TECHNICAL ASSISTANTS

- (a) The tenderer shall employ qualified technical persons at his cost to supervise the work and the tenderer should ensure the presence of the technical persons at the site of work during working hours, monitoring all items of works and paying extra attention to such works as may demand special attention.
- (b) A movement register should be opened and maintained for Technical persons employed by the Contractor. The Technical persons should note the arrival and the departure timings every day along with their initials in a register. Such Register should be produced during inspection of the Inspecting Officers (Tender committee members).

23. PAYMENT TERMS

- (a) **20% of the contract value** will be paid on completion of Foundation level works and submission of Stage level completion certificate by a Chartered Engineer, based on the inspection report by Tender Committee.
- (b) **40% of the contract value** will be paid on completion of roof level works and submission of Stage level completion certificate by a Chartered Engineer, based on the inspection report by Tender Committee.
- (c) **The balance 40% and SD** will be released only after satisfactory completion of the entire contract based on the inspection report by Tender Committee and submission of Chartered Engineer's work completion and valuation certificate.
- (d) IA also reserves the right to recover any dues from the tenderer, which is found on later date, during audit/excess payment, after final settlement is made to them. The successful tenderer is liable to pay such dues to the IA immediately on demand, without raising any dispute/protest.

24. PENALTY

- (a) Failure to execute the entire contract within 120 days from the date of issue of work order will attract a penalty of 1% per week, on the full value of the contract upto a maximum of 5%. Delays beyond that period will be viewed as violation of the contract terms and will be dealt accordingly.
- (b) Implementing agency reserves the right to inspect the site at any point of time during the contract period to ensure the progress and quality of work carried out. During the inspection, if any discrepancies found in the quality of work / material used, the IA,

with the approval of the tender committee, reserves the right to order for any rework(s) / replace any item(s) of material, as the case may be, in order to ensure the quality of work / progress as per the contract terms.

- (c) All the materials used for construction shall be first use, new, high quality material. Old or Used materials will not be accepted and if found, the decision of Committee, either for rework / replace / deduction in payment shall be binding on the contractor.
- (d) Any delay on the part of IA should be intimated and sorted out immediately without affecting the progress of works.

25. TERMINATION OF CONTRACT

IA reserves the right to terminate the contract at any time during the validity period on account of non-fulfillment of contract or for any of the reasons.

26. GENERAL CONDITIONS

- (a) Conditional tender in any form will not be accepted.
- (b) Any notice regarding any matters, to the contractor shall deemed to be sufficiently served, if given in writing to his usual or last known place of business.
- (c) Tender committee reserves the right to relax or waive or amend any of the tender conditions.
- (d) The successful tenderer shall not outsource/off load either full or part of the work to any other agency / individual.
- (e) If the performance of the tenderer is not as per the schedule, then tender committee reserves the right to cancel / reallocate full or part of the contract, at any stage of the contract execution.

27. ARBITRATION

- (a) In case of any dispute in the tender, including interpretation, if any, on the clauses of the tender or the agreement to be executed, the matter shall be referred by IA / Tenderer to an Arbitrator to be appointed by the Parties hereto by mutual agreement. If no such Arbitrator could be appointed by mutual consent, the matter may then be referred to the Chairman, Coir Board for nominating an Arbitrator, the Arbitration proceedings being governed by the Arbitration and Conciliation (Amendment) Act 2015.
- (b) The venue of the Arbitration shall be at the Regional Office Coir Board, No.41, Nehru Street, Mahalingapuram, Near Roundana, Beside Water Tank, Pollachi - 642002. The decision of the Arbitrator shall be final and binding on both the parties to the Arbitration.

(c) The Arbitrator may with the mutual consent of the parties, extend the time for making the award. The award to be passed by the Arbitrator is enforceable in the court at Erode only.

28. JURISDICTION OF THE COURT

Any dispute arising out of non-fulfillment of any of the terms and conditions of this Agreement or any other dispute arising out of the arbitration award will be subject to the jurisdiction of the Courts in the City of Erode only.

We agree to the above terms and conditions.

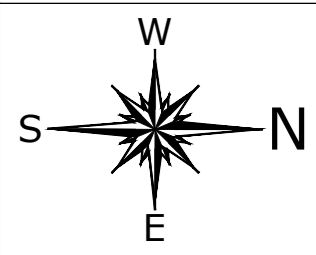
SIGNATURE OF THE TENDERER:

DATE:

NAME IN BLOCK LETTERS:

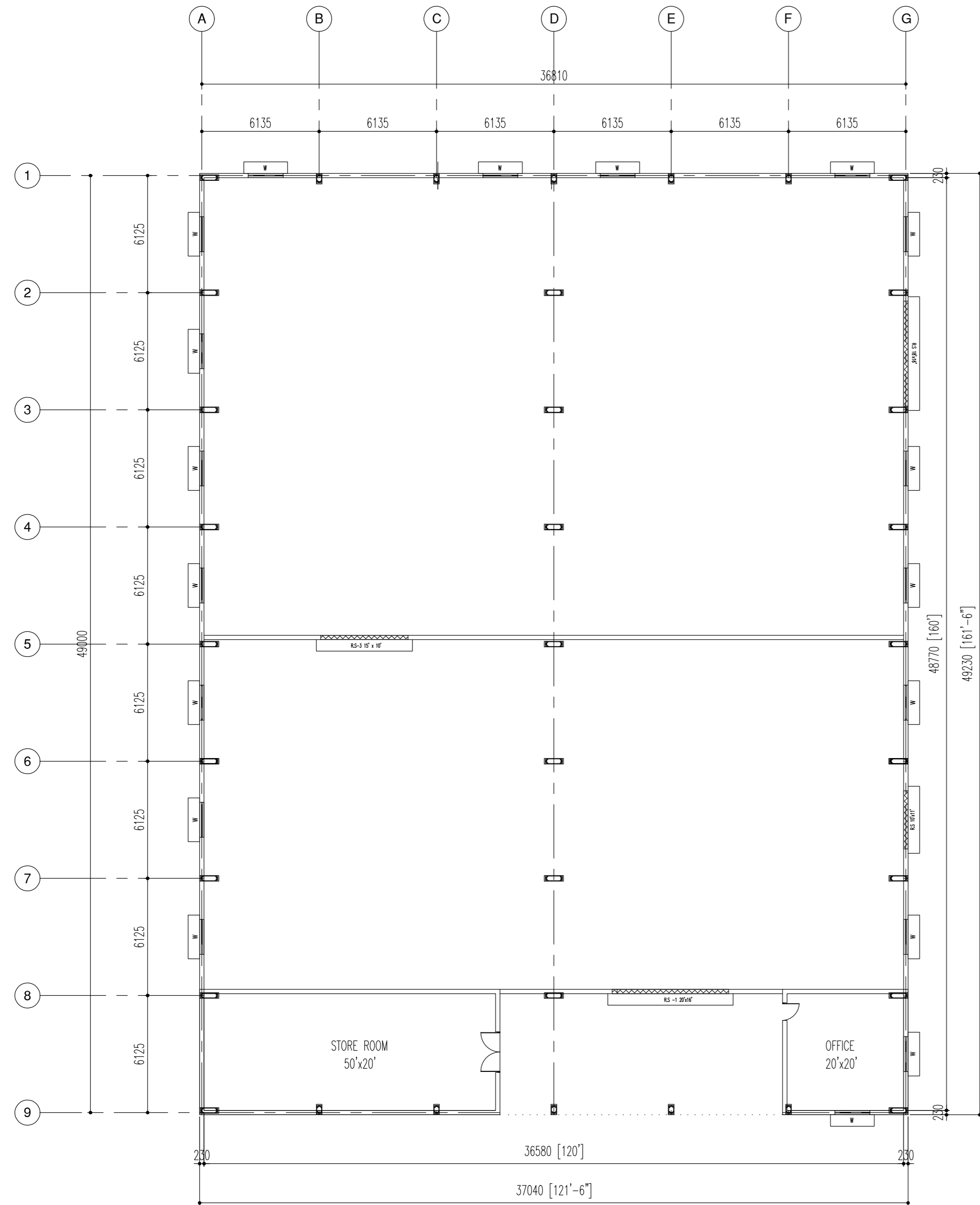
DESIGNATION:

ADDRESS:

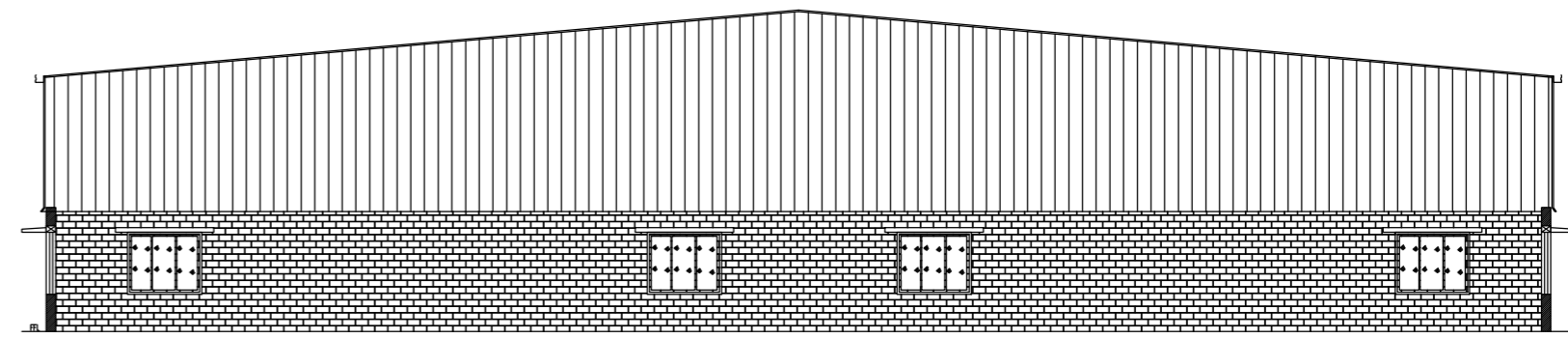


MAIN BUILDING BLOCK

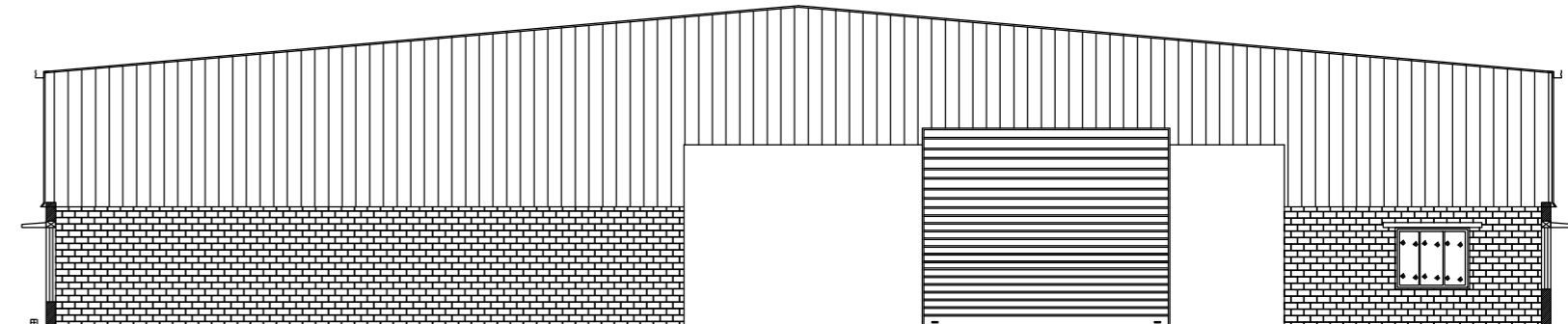
Annexure - I



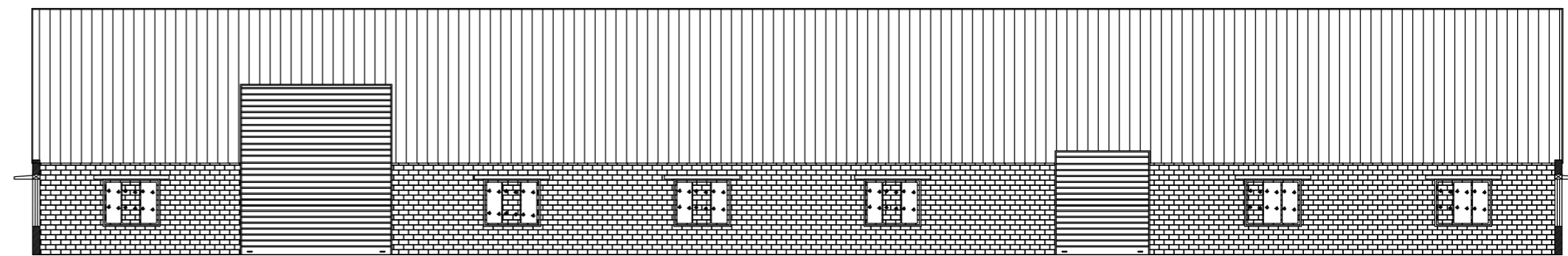
GENERAL LAYOUT



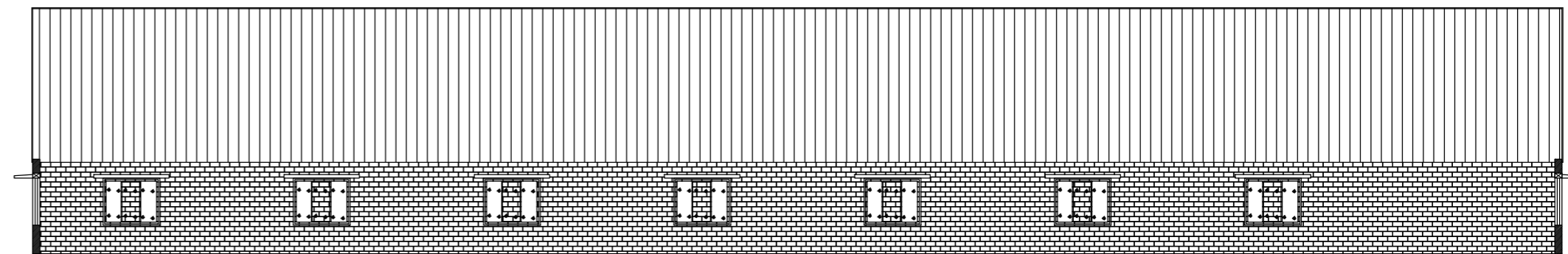
WEST SIDE ELEVATION



EAST ELEVATION



NORTH SIDE ELEVATION



SOUTH SIDE ELEVATION

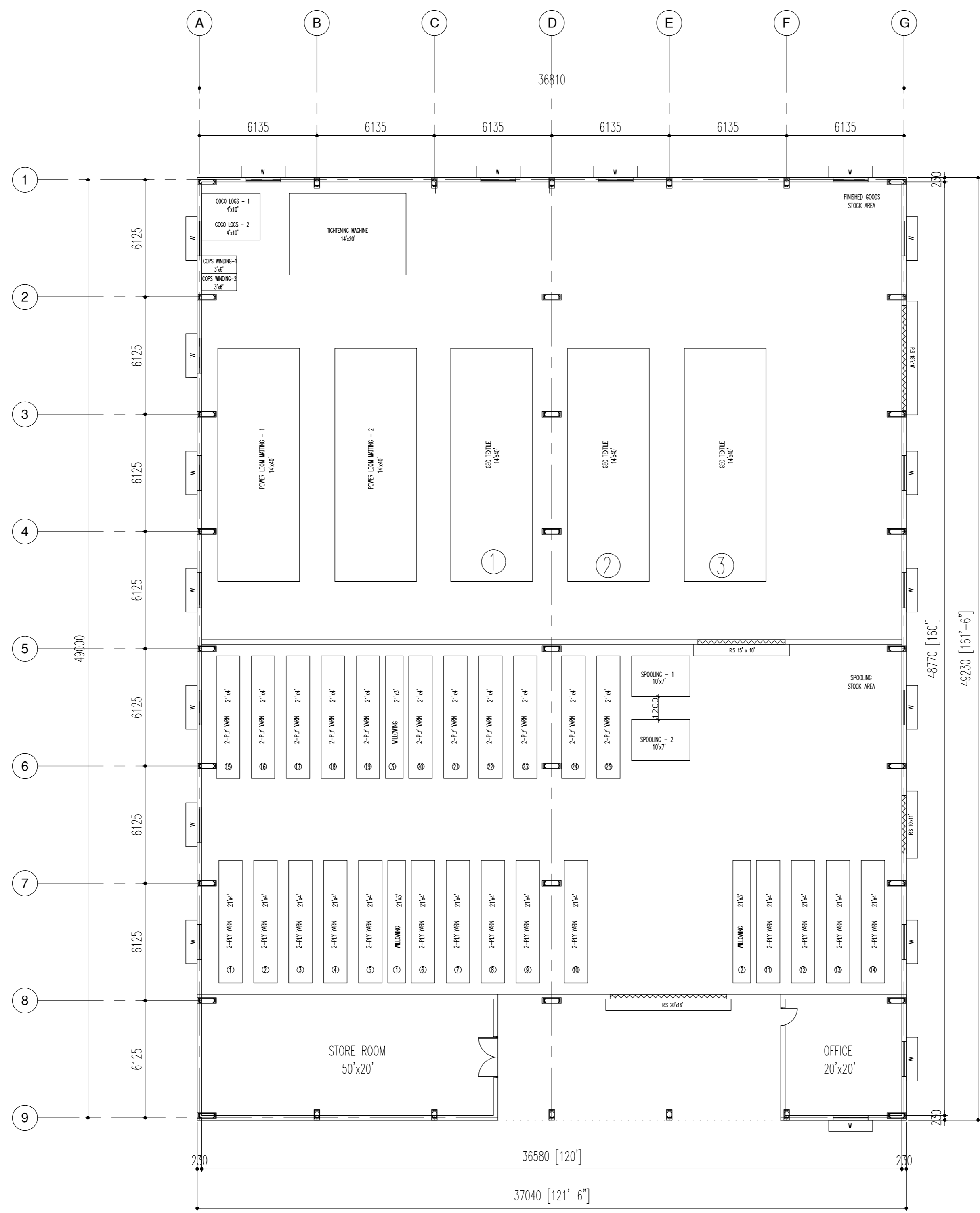
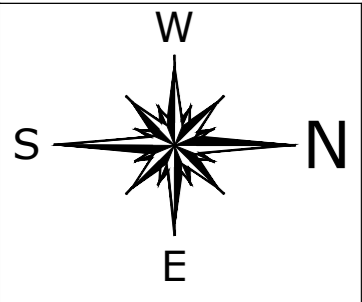
FOR DISCUSSION

NOTES

1. This drawing should be read along with architectural drawings.

REV.	REVISIONS	DATE	CHKD.
CLIENT: M/s. KONGU COIR CLUSTERS			
STRUCTURAL CONSULTANTS			Ph: (0422) 2 44 55 00
MITHRAN STRUCTURES (P) LTD.			
Dr. L. S. JAYAGOPAL , No: 1, JAWAHAR NAGAR , S.A.H.S (POST), COIMBATORE - 641 043. E-mail : profisj@gmail.com website : www.mithranstructures.in			
DRAWN	YASIN	DATE	TITLE
CHKD.	Dr.L.SJ	31.12.19	GENERAL LAYOUT & ELEVATION PROPOSED FACTORY BUILDING
APPD.			
SIZE - A2	SCALE - 1:125	DWG NO : 01	SHT.1 OF 1

S.NO	SYM	NAME	SIZE
1	RS1	ROLLING SHUTTER	20'x16'
2	RS2	ROLLING SHUTTER	10'x11'
3	RS3	ROLLING SHUTTER	15'x10'
4	RS4	ROLLING SHUTTER	18'x16'
5	W	WINDOWS	5'x6'



MACHINE LAYOUT

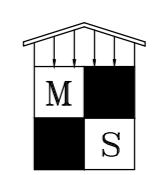
NOTES FOR DISCUSSION

1. This drawing should be read along with architectural drawings.

REV.	REVISIONS	DATE	CHKD.

CLIENT: M/s. KONGU COIR CLUSTERS

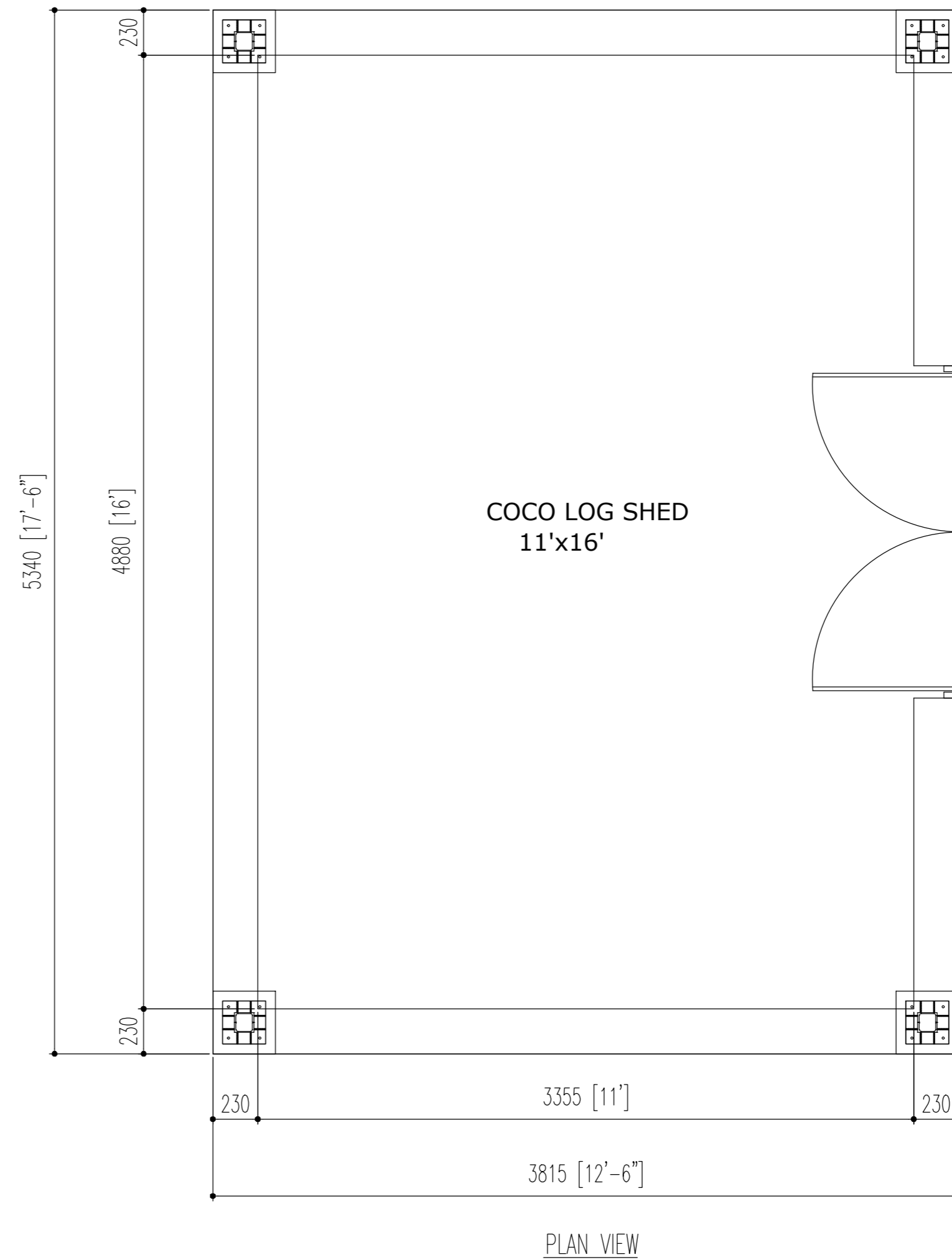
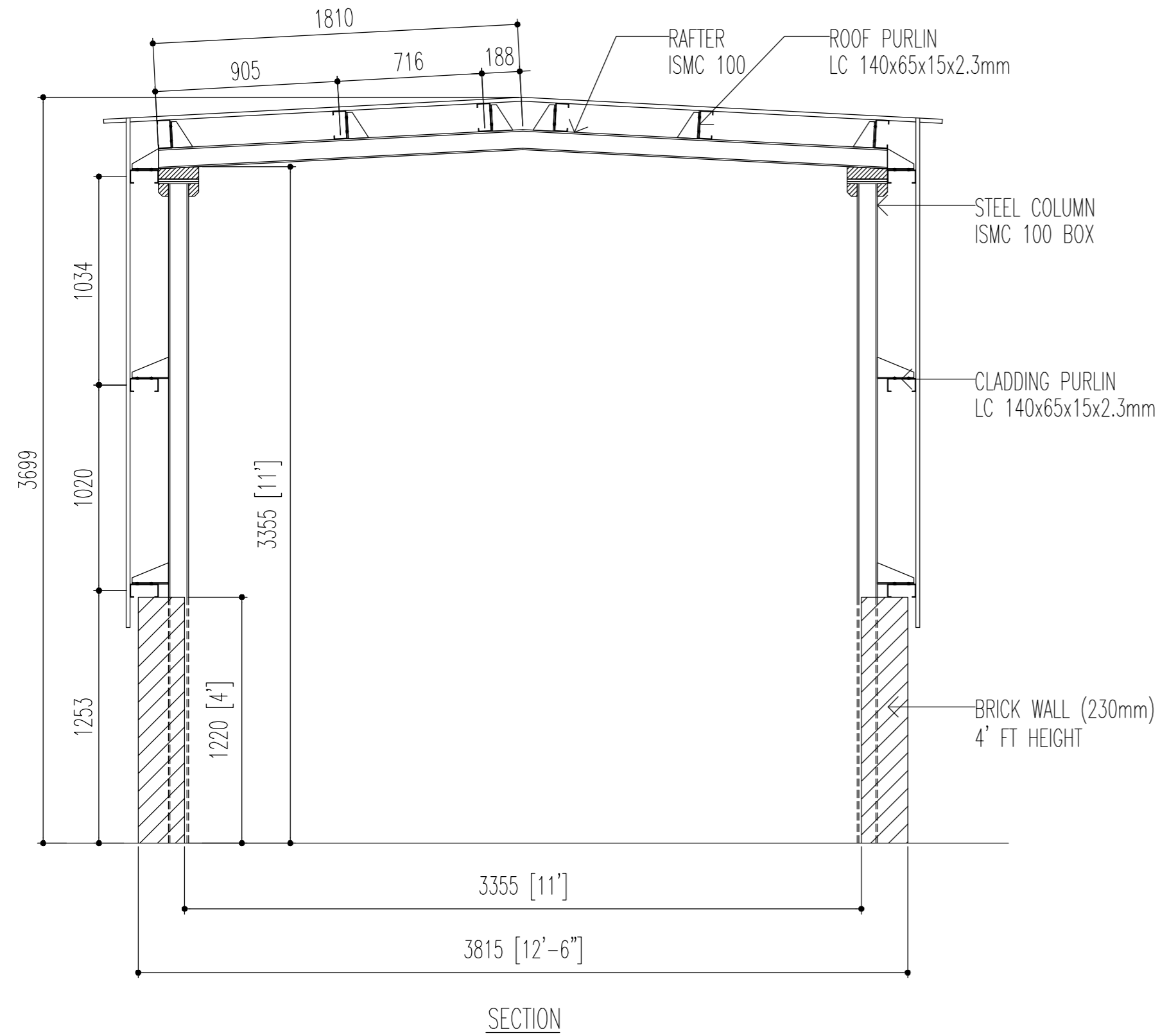
STRUCTURAL CONSULTANTS: Ph: (0422) 2 44 55 00



MITHRAN STRUCTURES (P) LTD.
 Dr. L. S. JAYAGOPAL,
 No. 1, JAWAHAR NAGAR, S.A.H.S (POST),
 COIMBATORE - 641 043.
 E-mail : profisj@gmail.com
 website : www.mithranstructures.in

DRAWN: YASIN	DATE: 31.12.19	TITLE: MACHINE LAYOUT
CHKD.: Dr.L.SJ		PROPOSED FACTORY BUILDING
APPD.:		
SIZE - A2	SCALE - 1:125	DWG NO : 02
		SHT.1 OF 1

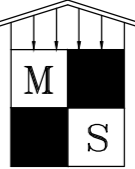
COCO LOG SHED DRAWINGS



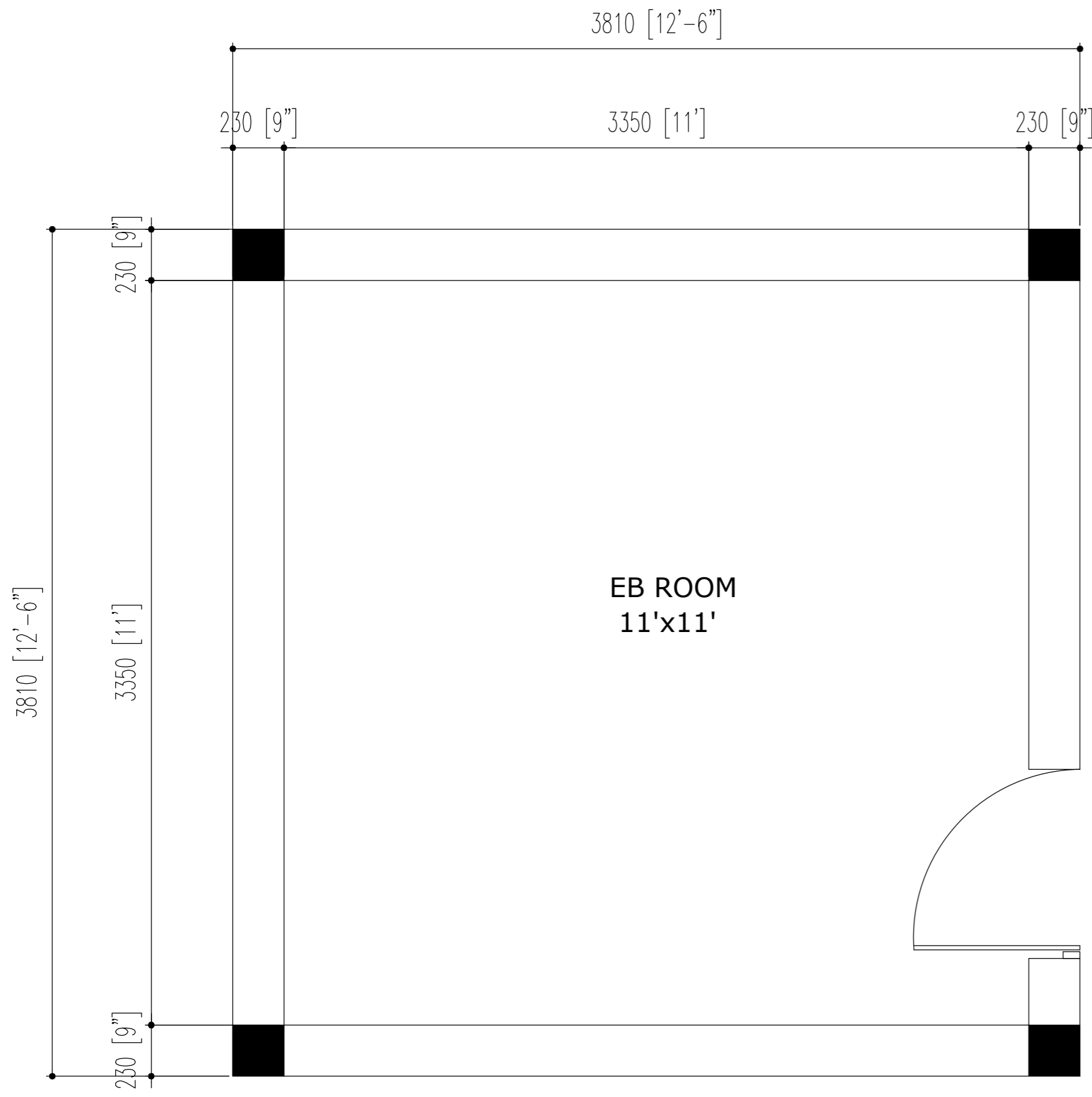
FOR APPROVAL

NOTES

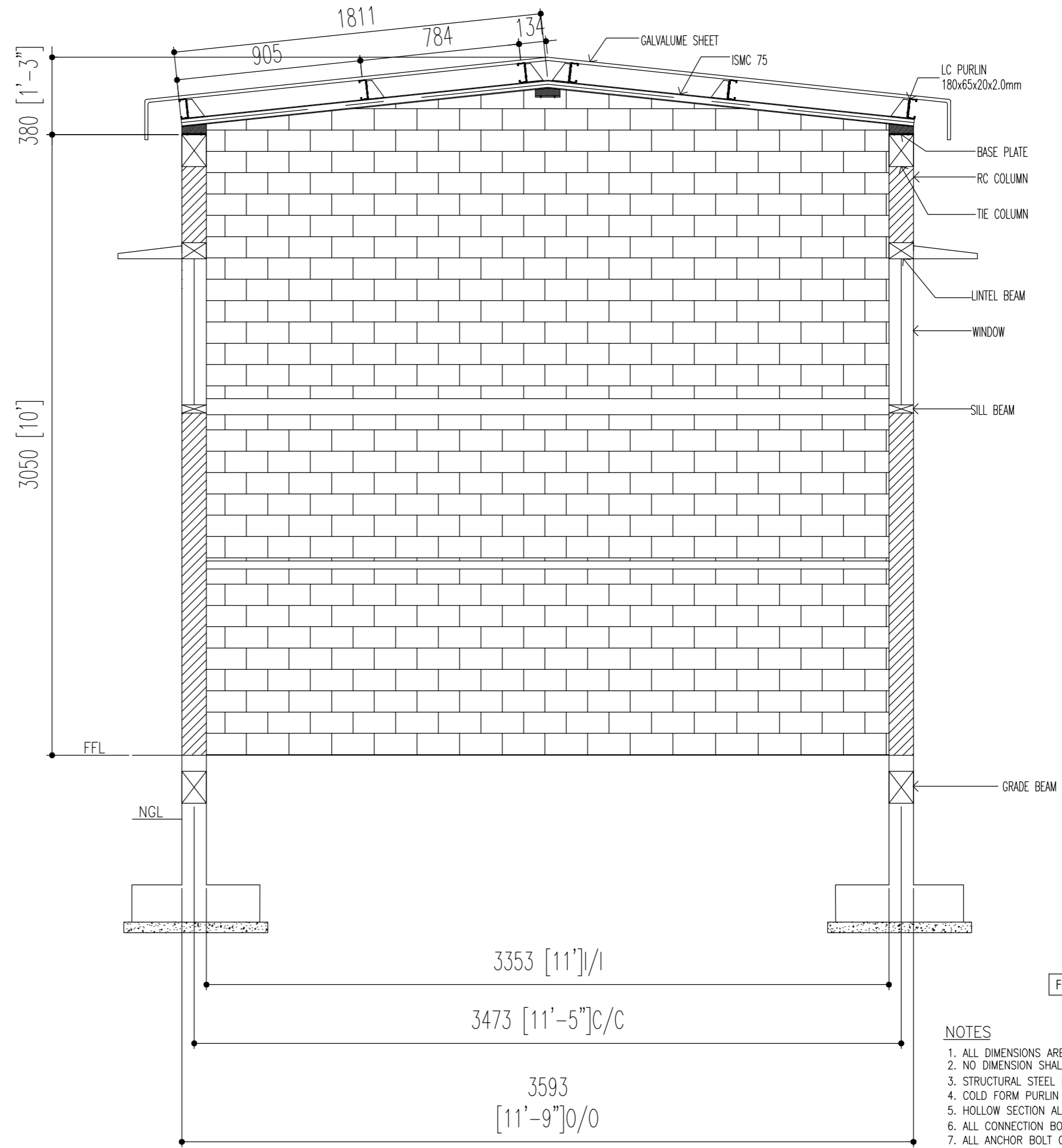
1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING
3. STRUCTURAL STEEL PLATE GRADE E350 [Fe490]
4. COLD FORM PURLIN (Fy 350Mpa)
5. HOLLOW SECTION ALL HOT ROLLED SECTION E 310 [Fe450W]
6. ALL CONNECTION BOLT G8.8 [Fu800] CONFORMING IS1367[PART 3]
7. ALL ANCHOR BOLT G4.6 [Fu420] CONFORMING IS1367[PART 3]
8. ALL FILLET WELDS SHALL BE 6mm CONTINUOUS UNLESS OTHERWISE SPECIFIED.

REV.	REVISIONS	DATE	CHKD.
CLIENT: M/s. KONGU COIR CLUSTERS			
STRUCTURAL CONSULTANTS			Ph: (0422) 2 44 55 00
 MITHRAN STRUCTURES (P) LTD. Dr. L. S. JAYAGOPAL , No: 1, JAWAHAR NAGAR , S.A.H.S (POST), COIMBATORE - 641 043. E-mail : profisj@gmail.com website : www.mithranstructures.in			
DRAWN	YASIN	DATE	TITLE
CHKD.	Dr.L.SJ	31.12.19	COCO LOG SHED PROPOSED FACTORY BUILDING
APPD.			
SIZE - A2	SCALE - 1:125	05	SHT.1 OF 1

EB ROOM DETAILS



PLAN VIEW



CROSS SECTION
GABLE END SECTION

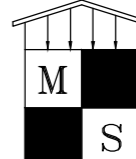
FOR APPROVAL

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
 2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING
 3. STRUCTURAL STEEL PLATE GRADE E350 [Fe490]
 4. COLD FORM PURLIN (Fy 350Mpa)
 5. HOLLOW SECTION ALL HOT ROLLED SECTION E 310 [Fe450W]
 6. ALL CONNECTION BOLT G8.8 [Fu800] CONFORMING IS1367[PART 3]
 7. ALL ANCHOR BOLT G4.6 [Fu420] CONFORMING IS1367[PART 3]
 8. ALL FILLET WELDS SHALL BE 6mm CONTINUOUS UNLESS OTHERWISE SPECIFIED.

REV.	REVISIONS	DATE	CHKD.

CLIENT:
M/s. KONGU COIR CLUSTERS

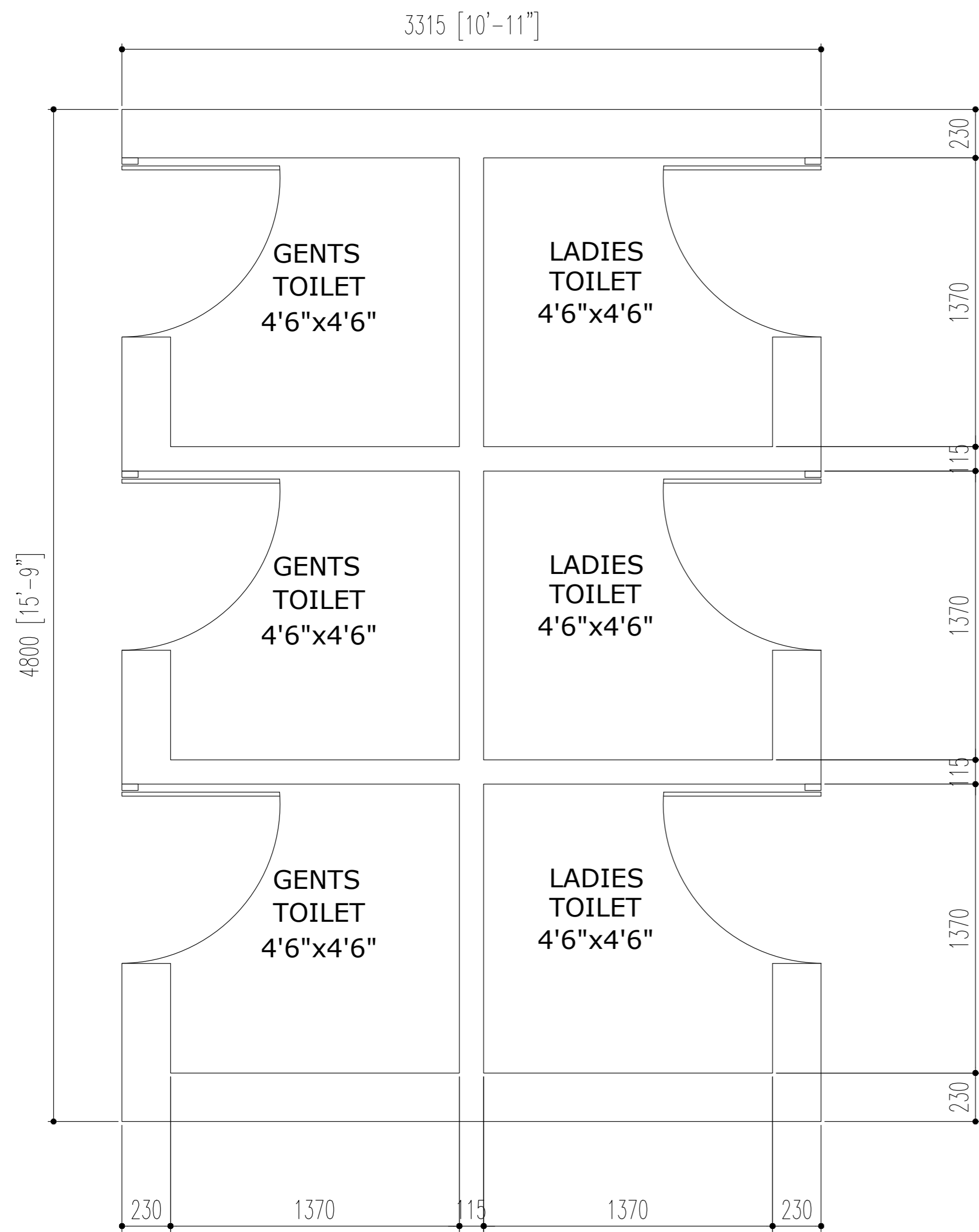
STRUCTURAL CONSULTANTS Ph: (0422) 2 44 55 00



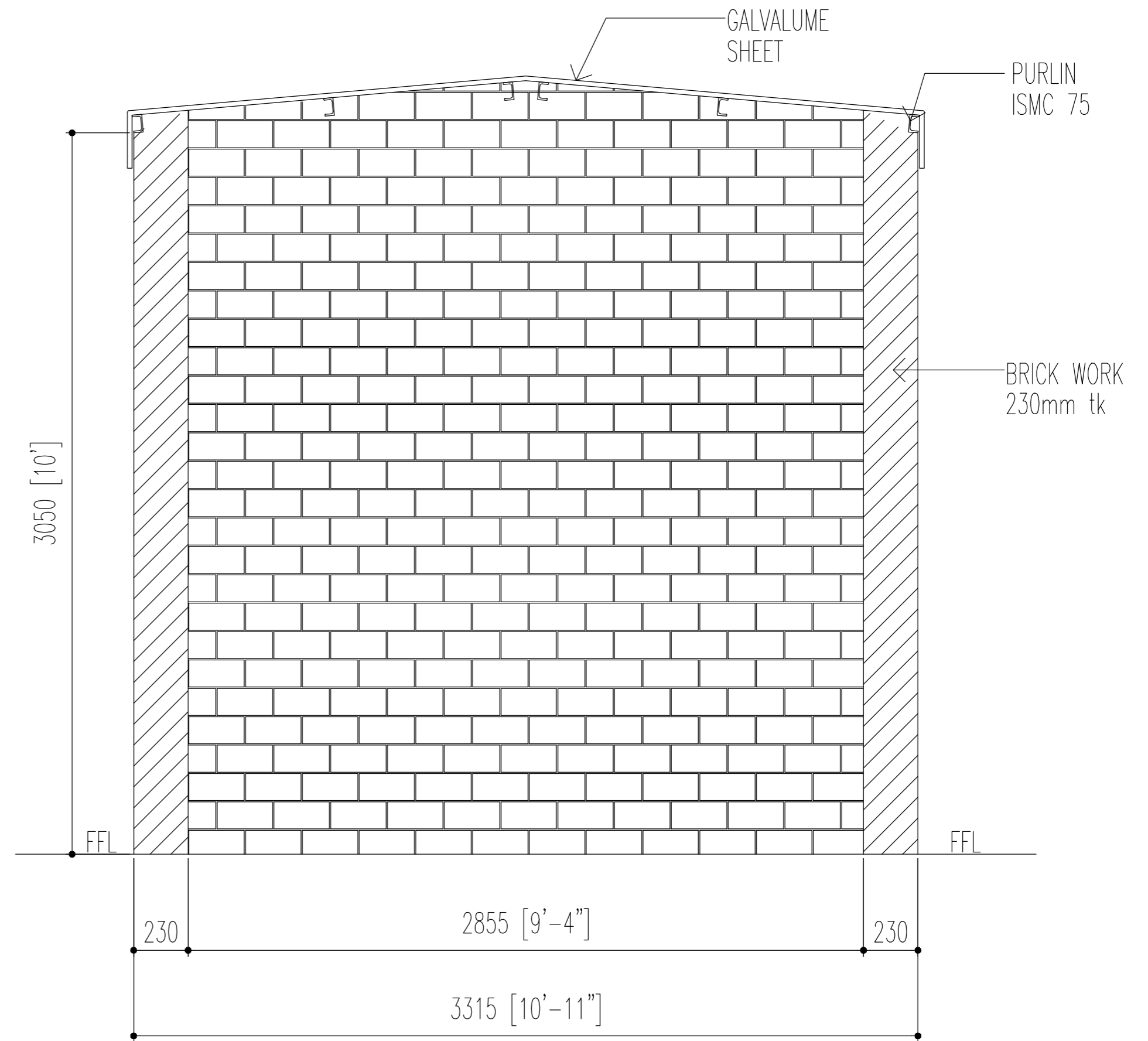
MITHRAN STRUCTURES (P) LTD.
 Dr. L. S. JAYAGOPAL ,
 No: 1, JAWAHAR NAGAR , S.A.H.S (POST),
 COIMBATORE - 641 043.
 E-mail : profisj@gmail.com
 website : www.mithranstructures.in

DRAWN	YASIN	DATE	TITLE
CHKD.	Dr.LSJ	31.12.19	EB-ROOM PLAN & CROSS SECTION PROPOSED FACTORY BUILDING
APPD.			
SIZE - A2	SCALE - 1:125	DWG NO : 06	SHT.1 OF 1

TOILET BLOCK DRAWINGS



PLAN VIEW



**CROSS SECTION
(TYPICAL BACK SIDE)**

- NOTES** FOR APPROVAL
1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
 2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING
 3. STRUCTURAL STEEL PLATE GRADE E350 [Fe490]
 4. COLD FORM PURLIN (Fy 350Mpa)
 5. HOLLOW SECTION ALL HOT ROLLED SECTION E 310 [Fe450W]
 6. ALL CONNECTION BOLT G8.8 [Fu800] CONFORMING IS1367[PART 3]
 7. ALL ANCHOR BOLT G4.6 [Fu420] CONFORMING IS1367[PART 3]
 8. ALL FILLET WELDS SHALL BE 6mm CONTINUOUS UNLESS OTHERWISE SPECIFIED.

REV.	REVISIONS	DATE	CHKD.

CLIENT:
M/s. KONGU COIR CLUSTERS

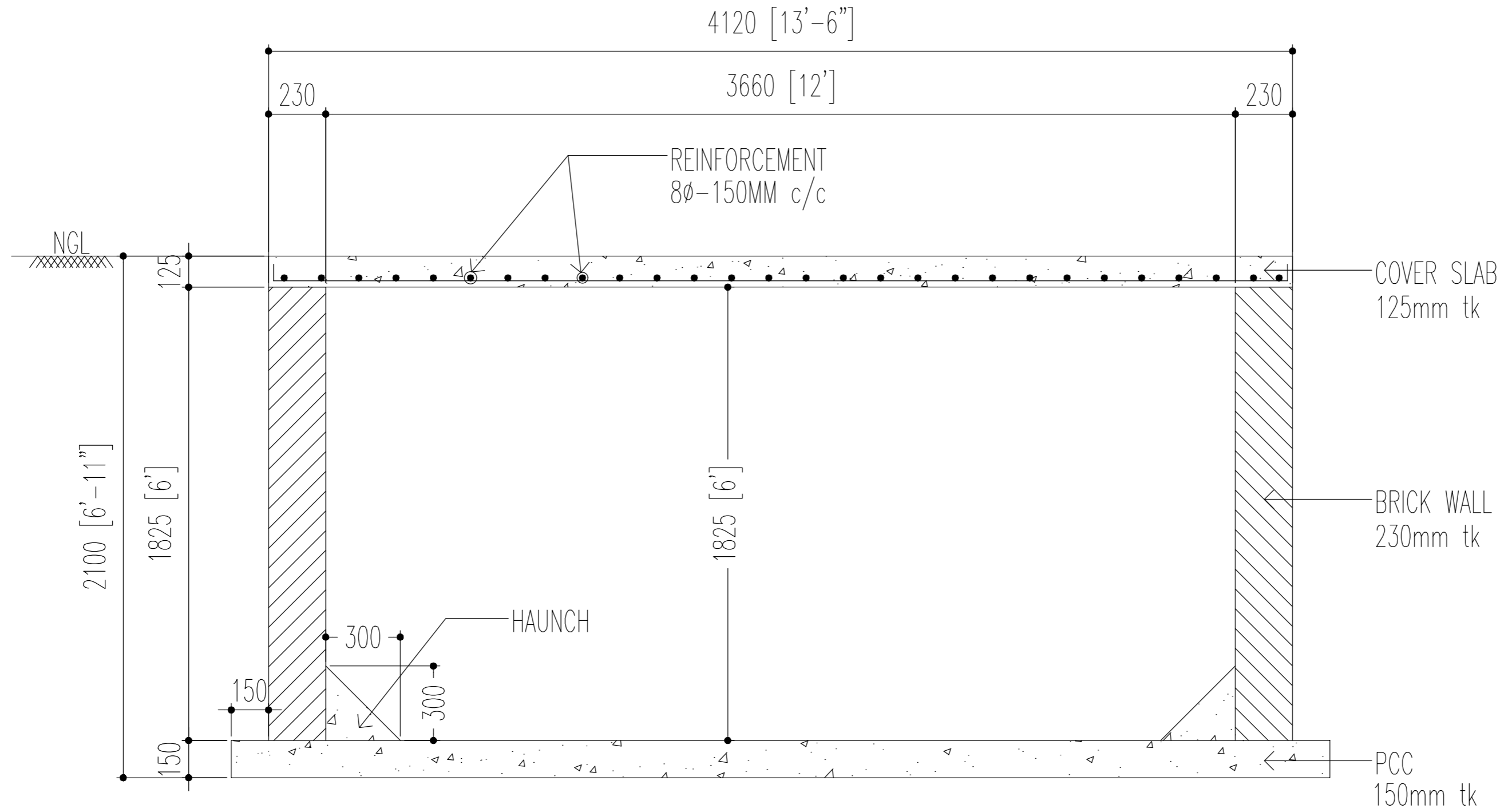
STRUCTURAL CONSULTANTS Ph: (0422) 2 44 55 00

MITHRAN STRUCTURES (P) LTD.

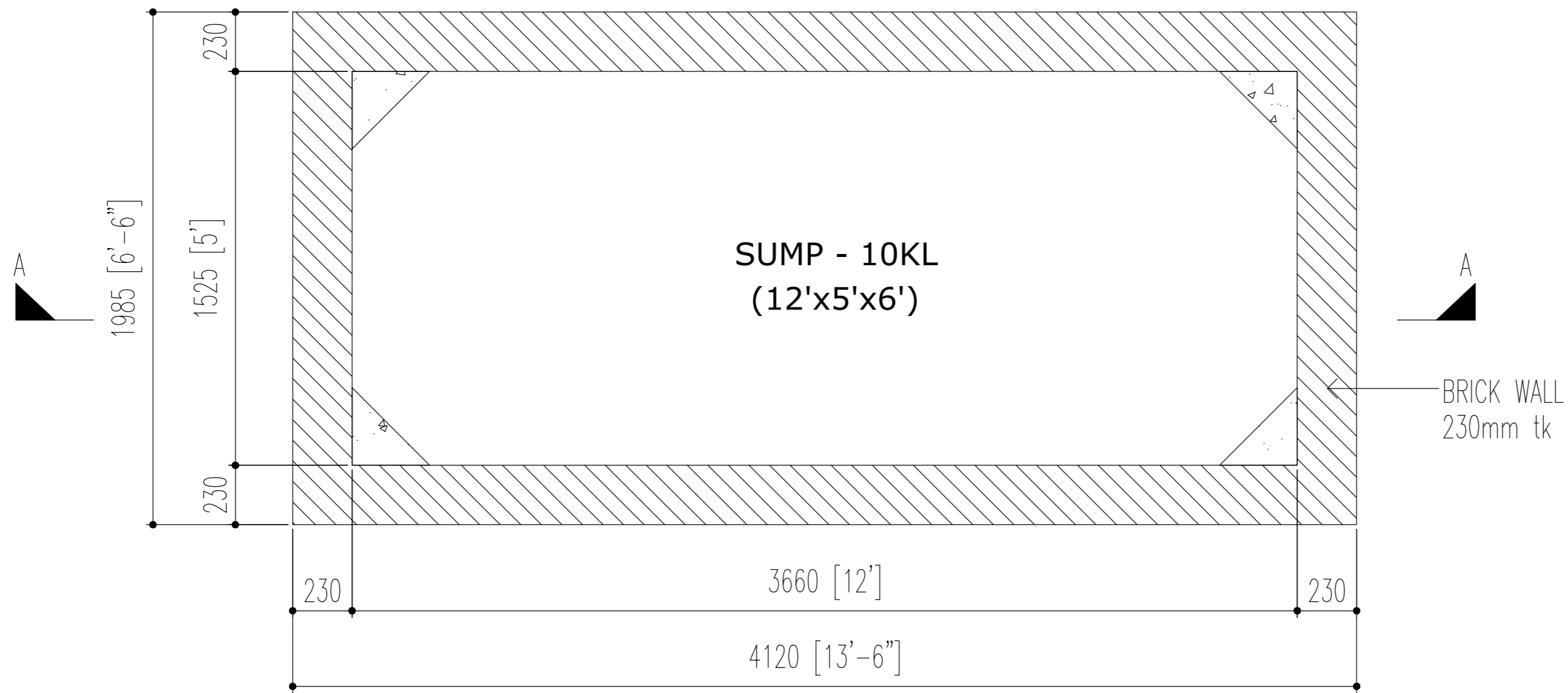
Dr. L. S. JAYAGOPAL ,
No: 1, JAWAHAR NAGAR , S.A.H.S (POST),
COIMBATORE - 641 043.
E-mail : profisj@gmail.com
website : www.mithranstructures.in

DRAWN	YASIN	DATE	TITLE
CHKD.	Dr.L.SJ	31.12.19	TOILET DETAILS
APPD.			PROPOSED FACTORY BUILDING
SIZE - A2	SCALE - 1:125	DWG NO : 04	SHT.1 OF 1

SUMP DETAILS



CROSS SECTION - AA

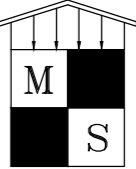


PLAN VIEW

FOR APPROVAL

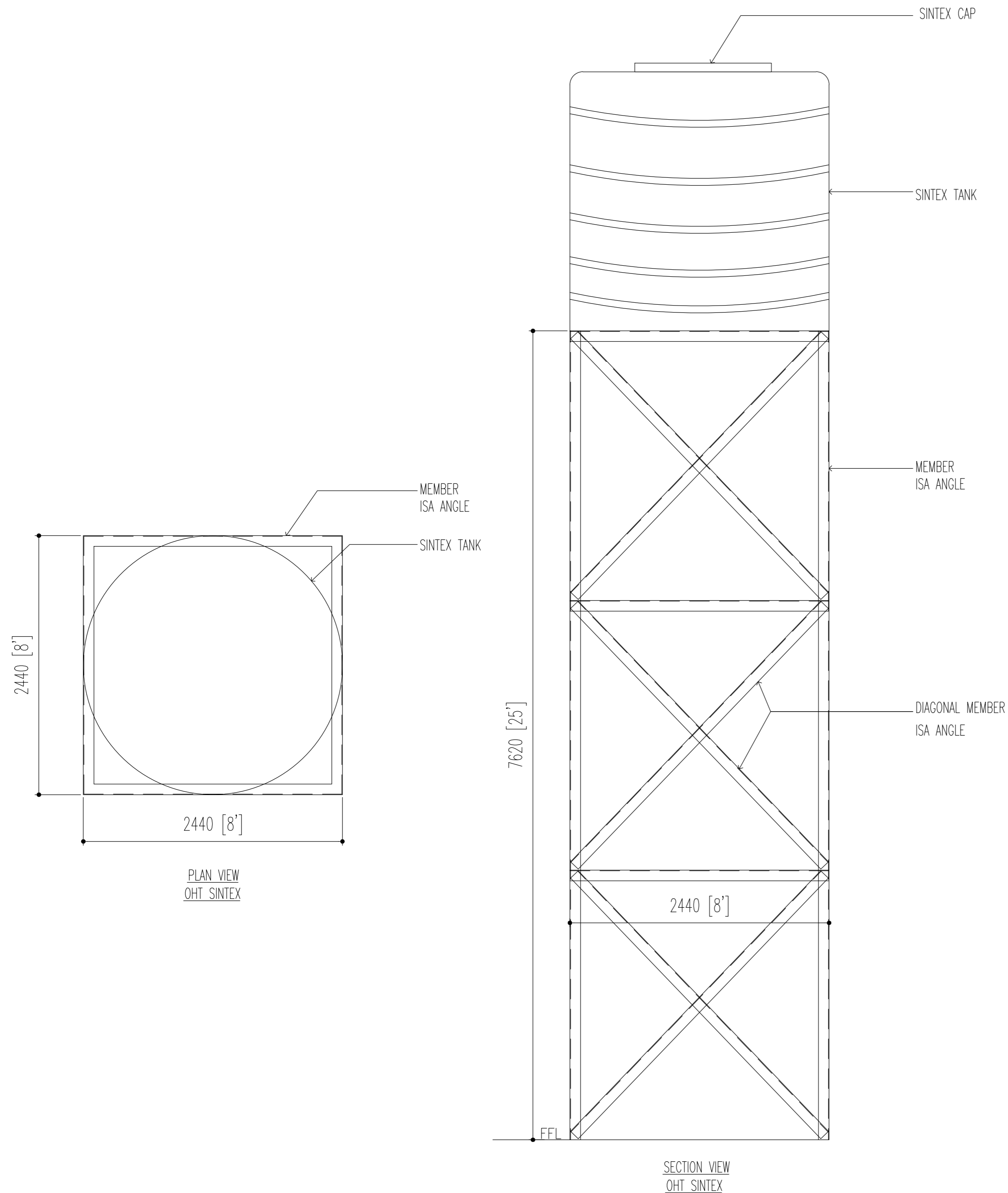
NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING
3. STRUCTURAL STEEL PLATE GRADE E350 [Fe490]
4. COLD FORM PURLIN (Fy 350mpa)
5. HOLLOW SECTION ALL HOT ROLLED SECTION E 310 [Fe450W]
6. ALL CONNECTION BOLT G8.8 [Fu800] CONFORMING IS1367[PART 3]
7. ALL ANCHOR BOLT G4.6 [Fu420] CONFORMING IS1367[PART 3]
8. ALL FILLET WELDS SHALL BE 6mm CONTINUOUS UNLESS OTHERWISE SPECIFIED.

REV.	REVISIONS	DATE	CHKD.
CLIENT: M/s. KONGU COIR CLUSTERS			
STRUCTURAL CONSULTANTS			Ph: (0422) 2 44 55 00
 MITHRAN STRUCTURES (P) LTD. Dr. L. S. JAYAGOPAL , No: 1, JAWAHAR NAGAR , S.A.H.S (POST), COIMBATORE - 641 043. E-mail : profisj@gmail.com website : www.mithranstructures.in			

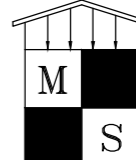
DRAWN	YASIN	DATE	TITLE
CHKD.	Dr.L.SJ	31.12.19	SUMP - 10KL
APPD.			PROPOSED FACTORY BUILDING
SIZE - A2	SCALE - 1:125	DWG NO : 02	SHT.1 OF 1

OVER HEAD TANK DETAILS



FOR APPROVAL

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
 2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING
 3. STRUCTURAL STEEL PLATE GRADE E350 [Fe490]
 4. COLD FORM PURLIN (Fy 350Mpa)
 5. HOLLOW SECTION ALL HOT ROLLED SECTION E 310 [Fe450W]
 6. ALL CONNECTION BOLT G8.8 [Fu800] CONFORMING IS1367[PART 3]
 7. ALL ANCHOR BOLT G4.6 [Fu420] CONFORMING IS1367[PART 3]
 8. ALL FILLET WELDS SHALL BE 6mm CONTINUOUS UNLESS OTHERWISE SPECIFIED.

REV.	REVISIONS	DATE	CHKD.
CLIENT: M/s. KONGU COIR CLUSTERS			
STRUCTURAL CONSULTANTS		Ph: (0422) 2 44 55 00	
 MITHRAN STRUCTURES (P) LTD. Dr. L . S . JAYAGOPAL , No: 1, JAWAHAR NAGAR , S.A.H.S (POST), COIMBATORE - 641 043. E-mail : profisj@gmail.com website : www.mithranstructures.in			

DRAWN	YASIN	DATE	TITLE
CHKD.	Dr.LSJ	31.12.19	OHT SINTEX TANK PLAN & SECTION PROPOSED FACTORY BUILDING
APPD.			
SIZE - A2	SCALE - 1:125	DWG NO : 07	SHT.1 OF 1

BILL OF QUANTITY FOR INDUSTRIAL WORKSHD BUILDING

Area of Building: 161'6" x 121'6" = 19622.00 Sq.ft

S.No	Description of Work	Nos.			Measurements			Qty	Unit
					L	B	D/H		
1.	Earth work and Soil Filling works								
1.1	Earth work Excavation up to a depth of 2.0 m in all types of soil including necessary markings, sides dressing, level and completing all								
	For Footings								
	P1F1	1	x	25	1.40	1.20	2.00	84.00	
	P2F2	1	x	10	1.40	1.20	2.00	33.60	
	RR wall Longer	1	x	2	49.25	0.65	0.65	41.62	
	Shorter	1	x	3	37.05	0.65	0.65	46.96	
	Store	1	x	1	15.70	0.65	0.65	6.63	
	.	1	x	1	6.60	0.65	0.65	2.79	
		1	x	2	6.35	0.65	0.65	5.37	
								220.97	m ³
1.2	Refilling the sides of foundation with excavated available soil in foundation sides with all necessary tools & equipment, including watering, compaction and completing all								
	E/w Qty							220.97	
	Deduction								
	P1F1	-1	x	25	1.00	0.30	1.65	-12.38	
	P1F1 - A	-1	x	10	0.55	0.30	1.65	-2.72	
	Footing PCC							-21.78	
	RR masonry							-31.89	
	Footing RCC footing & Beam							-14.72	
								137.48	m ³
1.3	Supplying and filling with Gravel / moorum soil in basement with all necessary tools & equipment including watering, compaction and completing all								
	Main building	1	x	1	48.80	36.60	0.45	803.74	
								803.74	m ³
	Main building	1	x	1	48.80	36.60	1.10	1964.69	
								1964.69	m ³
2.	Providing and laying PCC cement concrete 1:5:10 (cement - 1part M.sand -5 part and 40mm aggregates -10 part) the rate includes cost of mix with mechanical mixer machine, compaction, laying in line, level, curing and completing all with necessary tools & equipment.								
2.1	Footing								
	P1F1	1	x	25	1.40	1.20	0.10	4.20	
	P2F2	1	x	10	1.40	1.20	0.10	1.68	
	RR wall Longer	1	x	2	49.25	0.65	0.10	6.40	
	Shorter	1	x	3	37.05	0.65	0.10	7.22	
	Store	1	x	1	15.70	0.65	0.10	1.02	

	.	1	x	1	6.60	0.65	0.10	0.43	
		1	x	2	6.35	0.65	0.10	0.83	
								21.78	m ³
2.2	In Flooring								
	Main building	1	x	1	48.80	36.60	0.075	133.96	
								133.96	m ³
3.	R.C.C 1:2:4 (cement - 1part M.sand -2 part and 20mm aggregates - 4 part) the rate includes cost of mix with mechanical mixer machine, vibrator, compaction, laying in line, level, alignment, curing and completing all with necessary tools & equipment								
3.1	RCC Footing								
	P1F1	1	x	25	1.20	1.00	0.25	7.50	
	P2F2	1	x	10	1.20	1.00	0.25	3.00	
								10.50	m ³
3.2	RCC Pedestal up to FFL								
	P1F1	1	x	25	1.00	0.30	3.15	23.63	
	P2F2	1	x	10	0.55	0.30	3.15	5.20	
								28.83	m ³
3.3	RCC Column Above FFL up to 10'0"								
	Wall columns	1	x	18	1.00	0.30	3.05	16.47	
		1	x	10	0.55	0.30	3.05	5.03	
								21.50	m ³
3.4	RCC Grade Beam								
	Wall Longer	1	x	2	49.25	0.23	0.075	1.70	
	Shorter	1	x	3	37.05	0.23	0.075	1.92	
	Store	1	x	1	15.70	0.23	0.075	0.27	
	.	1	x	1	6.60	0.23	0.075	0.11	
		1	x	2	6.35	0.23	0.075	0.22	
								4.22	m ³
3.5	RCC Plinth Beam								
	Wall Longer	1	x	2	49.25	0.23	0.075	1.70	
	Shorter	1	x	3	37.05	0.23	0.075	1.92	
	Store	1	x	1	15.70	0.23	0.075	0.27	
	.	1	x	1	6.60	0.23	0.075	0.11	
		1	x	2	6.35	0.23	0.075	0.22	
								4.22	m ³
3.6	RCC Lintel & Sunshade								
	Longer	1	x	2	49.25	0.23	0.150	3.40	
	Shorter	1	x	3	37.05	0.23	0.150	3.83	
	Store	1	x	1	15.70	0.23	0.150	0.54	
	.	1	x	1	6.60	0.23	0.150	0.23	
		1	x	2	6.35	0.23	0.150	0.44	
	For W	1	x	18	2.30	0.60	0.10	2.48	

								10.92	m ³
4.	Supplying and Erecting shuttering, necessary supports/scaffolding for all RCC surfaces including de- shuttering after curing period, Erection in line, level alignment with standard specifications and completing all								
4.1	Footing								
	P1F1	1	x	25	4.40		0.25	27.50	
	P2F2	1	x	10	4.40		0.25	11.00	
								38.50	m ²
4.2	Pedestal up to FFL								
	P1F1	1	x	25	2.60		3.15	204.75	
	P2F2	1	x	10	1.70		3.15	53.55	
								258.30	m ²
4.3	Column Above FFL up to 10'0"								
	Wall columns	1	x	18	2.60		3.05	142.74	
		1	x	10	1.70		3.05	51.85	
								194.59	m ²
4.4	Grade Beam								
	Wall Longer	2	x	2	49.25		0.075	14.78	
	Shorter	2	x	3	37.05		0.075	16.67	
	Store	2	x	1	15.70		0.075	2.36	
	.	2	x	1	6.60		0.075	0.99	
		2	x	2	6.35		0.075	1.91	
								36.71	m ²
4.5	Plinth Beam								
	Wall Longer	2	x	2	49.25		0.075	14.78	
	Shorter	2	x	3	37.05		0.075	16.67	
	Store	2	x	1	15.70		0.075	2.36	
	.	2	x	1	6.60		0.075	0.99	
		2	x	2	6.35		0.075	1.91	
								36.71	m ²
4.6	Lintel & sunshade								
	Longer	2	x	2	49.25		0.150	29.55	
	Shorter	2	x	3	37.05		0.150	33.35	
	Store	2	x	1	15.70		0.150	4.71	
	.	2	x	1	6.60		0.150	1.98	
		2	x	2	6.35		0.150	3.81	
	W bottom	1	x	18	1.80		0.23	7.45	
	D	1	x	1	2.15		0.23	0.49	
		1	x	1	0.95		0.23	0.22	
	Sunshade	1	x	18	2.50	0.70		31.50	
								113.06	m ²
5.	Supplying & Fabricating reinforcement for RCC work including cutting, straightening,								

	bending, placing in position and binding with 18 gauge annealed binding wire and complete all as per IS standards.								
		1	x	1	11.00			11.00	MT
6.	Masonry Works								
6.1	Providing and laying RR stone masonry work using cement mortar of 1:6 (cement -1 part sand -6 part). The rate includes cost of scaffolding, mixing, raking of joints, lead & lift curing and complete all as per IS standard.								
	Wall Longer	1	x	2	49.25	0.45	0.30	13.30	
	Shorter	1	x	3	37.05	0.45	0.30	15.01	
	Store	1	x	1	15.70	0.45	0.30	2.12	
	.	1	x	1	6.60	0.45	0.30	0.89	
		1	x	2	6.35	0.45	0.30	1.71	
	D/c PIF1	-1	x	18	0.30	0.45	0.30	-0.73	
		-1	x	10	0.30	0.45	0.30	-0.41	
								31.89	m ³
6.2	Providing and laying brick work of 230mm thick using cement mortar of 1:5 (cement -1 part sand -5 part). The bricks should be approved good quality of brick. The mortar thickness in the masonry joints shall not exceed 10 mm. All the faces of the joints shall be raked to a minimum depth of 10 mm. The rate includes cost of scaffolding, mixing, raking of joints, lead & lift curing and complete all as per IS standard.								
	Up to FFL								
	Wall Longer	1	x	2	49.25	0.23	1.60	36.25	
	Shorter	1	x	3	37.05	0.23	1.60	40.90	
	Store	1	x	1	15.70	0.23	1.60	5.78	
	.	1	x	1	6.60	0.23	1.60	2.43	
		1	x	2	6.35	0.23	1.60	4.67	
	D/c PIF1	-1	x	18	0.30	0.23	1.60	-1.99	
		-1	x	10	0.30	0.23	1.60	-1.10	
								86.94	m ³
6.3	Above FFL to 10'0" Level								
	Wall Longer	1	x	2	49.25	0.23	3.05	69.10	
	Shorter	1	x	3	37.05	0.23	3.05	77.97	
	Store	1	x	1	15.70	0.23	3.05	11.01	
	.	1	x	1	6.60	0.23	3.05	4.63	
		1	x	2	6.35	0.23	3.05	8.91	
	Deductions								
	Column	-1	x	18	0.30	0.23	3.05	-3.79	
		-1	x	10	0.30	0.23	3.05	-2.10	
	W	-1	x	18	1.83	0.23	1.50	-11.36	
	D	-1	x	1	2.15	0.23	2.45	-1.21	
		-1	x	1	0.95	0.23	2.45	-0.54	
	RS 1	-1	x	1	6.10	0.23	3.05	-4.28	
	RS 2	-1	x	1	3.05	0.23	3.05	-2.14	
	RS 3	-1	x	1	4.60	0.23	3.05	-3.23	

	RS 4	-1	x	1	5.50	0.23	3.05	-3.86	
								139.11	m ³
7.	Providing and Plastering of internal/external wall plastering using cement mortar 1:4.(cement -1 part sand -4 part) includes of fixing of chicken mesh in RCC & brick joints cleaning, scaffolding, curing and complete all as per IS standard.								
7.1	Inner wall Plastering								
	Long wall	1	x	2	48.80		3.30	322.08	
	Short wall	1	x	4	36.60		3.30	483.12	
	Store	1	x	1	15.70		3.05	47.89	
	.	1	x	1	6.60		3.05	20.13	
		1	x	4	6.35		3.05	77.47	
	Columns	2	x	18	0.77		3.05	84.55	
	Top	1	x	18	0.77	0.30		4.16	
	Columns	2	x	10	0.32		3.05	19.52	
	Top	1	x	10	0.32	0.30		0.96	
	Deductions								
	W	-1	x	18	1.83		1.50	-49.41	
	D	-1	x	2	2.15		2.45	-10.54	
		-1	x	2	0.95		2.45	-4.66	
	RS 1	-1	x	1	6.10		3.05	-18.61	
	RS 2	-1	x	1	3.05		3.05	-9.30	
	RS 3	-1	x	2	4.60		3.05	-28.06	
	RS 4	-1	x	1	5.50		3.05	-16.78	
								922.52	m ²
7.2	Outer wall Plastering								
	Long wall	1	x	2	49.25		4.60	453.10	
	Short wall	1	x	2	37.05		4.60	340.86	
	Sunshades	1	x	18	2.50	1.30		58.50	
	Deductions								
	W	-1	x	18	1.83		1.50	-49.41	
	RS 1	-1	x	1	6.10		3.05	-18.61	
	RS 2	-1	x	1	3.05		3.05	-9.30	
	RS 4	-1	x	1	5.50		3.05	-16.78	
								758.36	m ²
7.3	Window edge plastering								
	W	1	x	18	6.70	0.23		27.74	
	D	1	x	1	6.75	0.23		1.55	
		1	x	1	5.25	0.23		1.21	
	RS 1	1	x	2	3.05	0.23		1.40	
	RS 2	1	x	2	3.05	0.23		1.40	
	RS 3	1	x	2	3.05	0.23		1.40	
	RS 4	1	x	2	3.05	0.23		1.40	
								36.10	m ²

8.	Providing and laying granolithic flooring in C.C.1:2:4 (cement - 1part M.sand -2 part and 20mm aggregates - 4 part) for 75mm tk the rate includes cost of mix with mechanical mixer machine, vibrator, compaction, laying in line, level, dewatering, power trowel finish, curing and completing all with necessary tools & equipment								
	Main building	1	x	1	48.80	36.60	0.075	133.96	
	RS 1	1	x	1	6.10	0.23	0.075	0.11	
	RS 2	1	x	1	3.05	0.23	0.075	0.05	
	RS 3	1	x	1	4.60	0.23	0.075	0.08	
	RS 4	1	x	1	5.50	0.23	0.075	0.09	
								134.29	m ³
9.	Joinery and Allied works								
9.1	Supply and fixing of MS Windows Outer frame - ISA 35 x 35 x 6,Shutter frame - T angle 25 x 3,Grill - 12mm Sq polished Rod and Shutter - 5mm tk plain glass including materials, labour, fixing and Completing all.								
	W	1	x	18	1.85		1.50	49.95	
								49.95	m ²
9.2	Supply and fixing of MS Doors Outer frame - ISA 35 x 35 x 6,Shutter frame - ISA angle 25 x 25 x 3,Shutter MS sheet 19 G (1.0 mm) tk including materials, labour, fixing and Completing all.								
	D	1	x	1	2.15		2.45	5.27	
		1	x	1	0.95		2.45	2.33	
								7.60	m ²
9.3	Supplying & fixing of steel rolling shutters Rolling Shutter made up of 19G (1.00mm)CRCA deep corrugated lath interlocked to make one screen with Flange Type Roll formed 12G Bottom plate reinforced with 35x35x5mm L angle and locking arrangements on both sides, fixed with 6mm Brackets, Ball bearing pulley and Gear box arrangement with manual chain drive lifting, fixed with Roll formed 12G 3" Guide channel , 22G Top cover with fixing cleats and complete with One coat zinc chromate yellow primer.								
	RS 1	1	x	1	6.40		5.500	35.20	
	RS 2	1	x	1	3.35		4.000	13.40	
	RS 3	1	x	1	4.90		3.650	17.89	
	RS 4	1	x	1	5.80		5.500	31.90	
								98.39	m ²
10.	Painting works								
10.1	Supplying & Apply of white washing for internal & external walls two coats of BIRLA / KOTTAYAM or equivalent make including scrapping, cleaning, materials, labour and completing all.								
	Wall Surface Area							1716.98	m ²
10.2	Supplying & Apply of Two coat of Enamel over one coat of Primer ASIAN or Equivalent make on MS surface including scrapping, cleaning, materials, labour and completing all.								
	W	2	x	18	1.85		1.50	99.90	
	D	2	x	1	2.15		2.45	10.54	
		2	x	1	0.95		2.45	4.66	
	RS 1	2	x	1	6.40		5.500	70.40	
	RS 2	2	x	1	3.35		4.000	26.80	
	RS 3	2	x	1	4.90		3.650	35.77	

	RS 4	2	x	1	5.80		5.500	63.80	
								311.87	m ²
11.	Supplying and Fixing of foundation MS bed bolt in Pedestal								
	P1F1	1	x	35	6.00			210.00	
								210.00	Nos
12.	Providing Electrical Arrangements								
13.	Providing Electrification Arrangements								
14.	Providing water supply & sanitation Arrangements								
	Structural Works (Roof & Cladding)								
1.	Supplying and Fabrication of All MS built up members column, lattice and truss etc., in JSW or equivalent including erection in Line, level, alignment, fasteners, welding, Scaffolding, cranes and completing all with necessary tools & equipment								
	As per Structural Drawing							29.00	Mt
2.	Supply and Fabrication of cold formed steel member purlin etc., in JSW or equivalent including erection in Line, level, alignment, fasteners, welding, Scaffolding, cranes and completing all with necessary tools & equipment								
	As per Structural Drawing							9.00	Mt
3.	Supplying & Apply of One coat of anti-corrosive primer and one coat of Ad grey enamel paint ASIAN or Equivalent make on MS surface including scrapping, cleaning, materials, labour and completing all.								
	As per Structural Drawing							29.00	Mt
4.	Supply and fixing of bare galvalume roofing sheet 0.47mm TCT; 550MPa, 150GSM; JSW Bare galvalume sheets. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								
	As per Structural Drawing							1913.00	m ²
5.	Supply and fixing of bare galvalume Ridge Sheet 0.47mm TCT; 550MPa, 150GSM; JSW Bare galvalume. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								
	As per Structural Drawing							52.00	Rmt
6.	Supply and fixing of colour coated Cladding sheet 0.47mm TCT; 550MPa, 150GSM; JSW Colour coated galvalume sheets. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								
	As per Structural Drawing							678.00	m ²
7.	Supply and fixing of bare galvalume Rake angle flashing sheet 0.47mm TCT; 550MPa, 150GSM; JSW Bare galvalume sheets. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								
	As per Structural Drawing							78.00	Rmt
8.	Supply and fixing of bare galvalume L flashing sheet 0.47mm TCT; 550MPa, 150GSM; JSW Bare galvalume sheets. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								
	As per Structural Drawing							15.00	Rmt

BILL OF QUANTITY FOR COCOLOG SHED

Area of Building: 17'6" x 12'6" = 218.75 Sq.ft

S.No	Description of Work	Nos.			Measurements			Qty	Unit
					L	B	D/H		
1.	Earth work and Soil Filling works								
1.1	Earth work Excavation up to a depth of 2.0 m in all types of soil including necessary markings, sides dressing, level and completing all								
	Footing	1	x	4	1.20	1.20	1.20	6.91	
	Walls	1	x	2	3.85	0.60	1.00	4.62	
		1	x	2	3.85	0.60	1.00	4.62	
								16.15	m ³
1.2	Supplying and filling with Gravel / murrum soil in basement with all necessary tools & equipment including watering, compaction and completing all								
	Coco Log shed	1	x	1	5.35	3.85	0.50	10.30	
								10.30	m ³
2.	Providing and laying PCC cement concrete 1:5:10 (cement - 1part M.sand -5 part and 40mm aggregates -10 part) the rate includes cost of mix with mechanical mixer machine, compaction, laying in line, level, curing and completing all with necessary tools & equipment.								
2.1	Foundation								
	Footing	1	x	4	1.20	1.20	0.10	0.58	
	Walls	1	x	2	3.85	0.60	0.10	0.46	
		1	x	2	3.85	0.60	0.10	0.46	
								1.50	m ³
2.2	In Flooring								
	Coco	1	x	1	4.90	3.35	0.10	1.64	
								1.64	m ³
3.	R.C.C 1:2:4 (cement - 1part M.sand -2 part and 20mm aggregates - 4 part) the rate includes cost of mix with mechanical mixer machine, vibrator, compaction, laying in line, level, alignment, curing and completing all with necessary tools & equipment								
3.1	RCC Footing								
	Footing	1	x	4	1.00	1.00	0.30	1.20	
								1.20	m ³
3.2	RCC Pedestal								
	Pedestal	1	x	4	0.32	0.32	1.40	0.57	
								0.57	m ³
3.3	RCC Grade Beam								
	Longer	1	x	2	5.35	0.45	0.10	0.48	
	Shorter	1	x	2	3.85	0.45	0.10	0.35	
								0.83	m ³
3.4	RCC Lintel & Sunshade								
	Longer	1	x	2	5.35	0.23	0.15	0.37	

	Shorter	1	x	2	3.85	0.23	0.15	0.27	
								0.64	m ³
4.	Supplying and Erecting shuttering, necessary supports/scaffolding for all RCC surfaces including de- shuttering after curing period, Erection in line, level alignment with standard specifications and completing all								
4.1	Footing	1	x	4	4.00		0.30	4.80	
								4.80	m ²
4.2	Pedestal	1	x	4	1.28		1.40	7.17	
								7.17	m ²
4.3	Grade Beam								
	Longer	2	x	2	3.85		0.10	1.54	
	Shorter	2	x	2	3.85		0.10	1.54	
								3.08	m ²
4.4	Lintel & sunshade								
	Longer	2	x	2	5.35		0.15	3.21	
	Shorter	2	x	2	3.85		0.15	2.31	
	D	1	x	1	1.70	0.23		0.39	
								5.91	m ²
5.	Supplying & Fabricating reinforcement for RCC work including cutting, straightening, bending, placing in position and binding with 18 gauge annealed binding wire and complete all as per IS standards.								
		1	x	1	0.44			0.44	MT
6.	Masonry Works								
6.1	Providing and laying RR stone masonry work using cement mortar of 1:7 (cement -1 part sand -7 part). The rate includes cost of scaffolding, mixing, raking of joints, lead & lift curing and complete all as per IS standard.								
	Longer	1	x	2	5.35	0.60	0.90	5.78	
	Shorter	1	x	2	3.85	0.60	0.90	4.16	
	Longer	1	x	2	5.35	0.45	0.50	2.41	
	Shorter	1	x	2	3.85	0.45	0.50	1.73	
	Steps	1	x	1	2.00	0.60	0.60	0.72	
								14.80	m ³
6.2	Providing and laying brick work of 230mm thick using cement mortar of 1:5 (cement -1 part sand -5 part). The bricks should be approved good quality of brick. The mortar thickness in the masonry joints shall not exceed 10 mm. All the faces of the joints shall be raked to a minimum depth of 10 mm. The rate includes cost of scaffolding, mixing, raking of joints, lead & lift curing and complete all as per IS standard.								
	Above FFL to 11'0" Level								
	Longer	1	x	2	5.35	0.23	1.25	3.08	
	Shorter	1	x	2	3.85	0.23	1.25	2.21	
	Deductions								
	D	-1	x	1	1.70	0.23	1.25	-0.49	
								4.80	m ³
7.	Providing and Plastering of internal/external wall plastering using cement mortar 1:4.(cement -1 part sand -4 part) includes of fixing of chicken mesh in RCC & brick joints								

	cleaning, scaffolding, curing and complete all as per IS standard.								
7.1	Inner wall Plastering								
	Longer	1	x	2	4.90		1.50	14.70	
	Shorter	1	x	2	3.35		1.50	10.05	
	Deductions								
	D	-1	x	1	1.70		1.50	-2.55	
								22.20	m ²
7.2	Outer wall Plastering								
	Long wall	1	x	2	5.35		1.85	19.80	
	Short wall	1	x	2	3.85		1.85	14.25	
	Deductions								
	D	-1	x	1	1.70		1.25	-2.13	
								31.92	m ²
7.3	Window edge plastering								
	D	1	x	2	1.25	0.23		0.58	
								0.58	m ²
8.	Flooring								
8.1	Providing and laying granolithic flooring in C.C.1:2:4 (cement - 1part M.sand -2 part and 20mm aggregates - 4 part) for 75mm tk the rate includes cost of mix with mechanical mixer machine, vibrator, compaction, laying in line, level, dewatering, power trowel finish, curing and completing all with necessary tools & equipment								
	EB	1	x	1	4.90	3.35	0.075	1.23	
	D	1	x	1	1.70	0.23	0.075	0.03	
									1.26
9.	Joinery and Allied works								
9.1	Supply and fixing of MS Door outer frame - ISA 35 x 35 x 6, Shutter frame -ISA angle 25 x 25x 6,Shgutter 19G (1.0 mm tk) plain sheet including materials, labour, fixing and Completing all.								
	D	1	x	1	1.70		2.15	3.66	
								3.66	m ²
10.	Painting works								
10.1	Supplying & Apply of white washing for internal & external walls two coats of BIRLA / KOTTAYAM or equivalent make including scrapping, cleaning, materials, labour and completing all.								
	Wall surface Area							22.78	
								22.78	m ²
10.2	Supplying & Apply of Two coat of Enamel over one coat of Primer ASIAN or Equivalent make on MS surface including scrapping, cleaning, materials, labour and completing all.								
	D	1	x	2	1.70		2.15	7.31	
								7.31	m ²
11.	Providing Electrical Arrangements								
12.	Providing Electrification Arrangements								
13.	Providing water supply & sanitation Arrangements								
	Structural Works (Roof & Cladding)								

1.	Supplying and Fabrication of All MS built up members column, lattice and truss etc., in JSW or equivalent including erection in Line, level, alignment, fasteners, welding, Scaffolding, cranes and completing all with necessary tools & equipment								0.52	MT
	As per Structural Drawing									
2.	Supplying & Apply of One coat of anti-corrosive primer and one coat of Ad grey enamel paint ASIAN or Equivalent make on MS surface including scrapping, cleaning, materials, labour and completing all.								0.52	MT
	As per Structural Drawing									
3.	Supply and Fabrication of cold formed steel member purlin etc., in JSW or equivalent including erection in Line, level, alignment, fasteners, welding, Scaffolding, cranes and completing all with necessary tools & equipment								0.17	MT
	As per Structural Drawing									
4.	Supply and fixing of bare galvalume roofing sheet 0.47mm TCT; 550MPa, 150GSM; JSW Bare galvalume sheets. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								26.00	m ²
	As per Structural Drawing									
5.	Supply and fixing of bare galvalume Ridge Sheet 0.47mm TCT; 550MPa, 150GSM; JSW Bare galvalume. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								4.00	RMT
	As per Structural Drawing									
6.	Supply and fixing of colour coated Cladding sheet 0.47mm TCT; 550MPa, 150GSM; JSW Colour coated galvalume sheets. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								57.00	m ²
	As per Structural Drawing									
7.	Supply and fixing of bare galvalume Rake angle flashing sheet 0.47mm TCT; 550MPa, 150GSM; JSW Bare galvalume sheets. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								4.20	RMT
	As per Structural Drawing									
8.	Supply and fixing of bare galvalume L flashing sheet 0.47mm TCT; 550MPa, 150GSM; JSW Bare galvalume sheets. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								10.50	RMT
	As per Structural Drawing									

BILL OF QUANTITY FOR EB ROOM

Area of Building: 12'6" x 12'6" = 156.25 Sq.ft

S.No	Description of Work	Nos.			Measurements			Qty	Unit
					L	B	D/H		
1.	Earth work and Soil Filling works								
1.1	Earth work Excavation up to a depth of 2.0 m in all types of soil including necessary markings, sides dressing, level and completing all								
	Column	1	x	4	1.20	1.20	1.20	6.91	
	GB	1	x	2	3.85	0.60	0.65	3.00	
		1	x	2	3.85	0.60	0.65	3.00	
								12.91	m ³
1.2	Supplying and filling with Gravel / murrum soil in basement with all necessary tools & equipment including watering, compaction and completing all								
	EB	1	x	1	3.35	3.35	0.50	5.61	
								5.61	m ³
2.	Providing and laying PCC cement concrete 1:5:10 (cement - 1part M.sand -5 part and 40mm aggregates -10 part) the rate includes cost of mix with mechanical mixer machine, compaction, laying in line, level, curing and completing all with necessary tools & equipment.								
2.1	Foundation								
	Column	1	x	4	1.20	1.20	0.10	0.58	
	GB	1	x	2	3.85	0.60	0.10	0.46	
		1	x	2	3.85	0.60	0.10	0.46	
								1.50	m ³
2.2	In Flooring								
	EB	1	x	1	3.35	3.35	0.10	1.12	
								1.12	m ³
3.	R.C.C 1:2:4 (cement - 1part M.sand -2 part and 20mm aggregates - 4 part) the rate includes cost of mix with mechanical mixer machine, vibrator, compaction, laying in line, level, alignment, curing and completing all with necessary tools & equipment								
3.1	RCC Footing								
	Footing	1	x	4	1.00	1.00	0.30	1.20	
								1.20	m ³
3.2	RCC Column								
	Column	1	x	4	0.23	0.23	4.50	0.95	
								0.95	m ³
3.3	RCC Grade Beam								
	GB	1	x	2	3.85	0.23	0.30	0.53	
		1	x	2	3.85	0.23	0.30	0.53	
								1.06	m ³
3.4	RCC Lintel & Sunshade								
	Longer	1	x	2	3.85	0.23	0.15	0.27	
	Shorter	1	x	2	3.85	0.23	0.15	0.27	

	sunshade	1	x	1	2.30	0.60	0.10	0.14	
								0.68	m ³
4.	Supplying and Erecting shuttering, necessary supports/scaffolding for all RCC surfaces including de- shuttering after curing period, Erection in line, level alignment with standard specifications and completing all								
4.1	Footing								
	Footing	1	x	4	4.00		0.30	4.80	
								4.80	m ²
4.2	Column								
	Column	1	x	4	0.92		4.50	16.56	
								16.56	m ²
4.3	RCC Grade Beam								
	GB	2	x	2	3.85		0.30	4.62	
		2	x	2	3.85		0.30	4.62	
								9.24	m ²
4.4	RCC Lintel & Sunshade								
	Longer	2	x	2	3.85		0.15	2.31	
	Shorter	2	x	2	3.85		0.15	2.31	
	sunshade	1	x	1	2.50	0.70		1.75	
								6.37	m ²
5.	Supplying & Fabricating reinforcement for RCC work including cutting, straightening, bending, placing in position and binding with 18 gauge annealed binding wire and complete all as per IS standards.								
		1	x	1	0.69			0.69	MT
6.	Masonry Works								
6.1	Providing and laying brick work of 230mm thick using cement mortar of 1:5 (cement -1 part sand -5 part). The bricks should be approved good quality of brick. The mortar thickness in the masonry joints shall not exceed 10 mm. All the faces of the joints shall be raked to a minimum depth of 10 mm. The rate includes cost of scaffolding, mixing, raking of joints, lead & lift curing and complete all as per IS standard.								
	Up to FFL								
	Longer	1	x	2	3.85	0.23	0.60	1.06	
	Shorter	1	x	2	3.35	0.23	0.60	0.92	
								1.98	m ³
6.2	Above FFL to 11'0" Level								
	Longer	1	x	2	3.85	0.23	3.05	5.40	
	Shorter	1	x	2	3.35	0.23	3.05	4.70	
	Gable wall	1	x	2	3.35	0.23	0.20	0.31	
	Deductions								
	D	-1	x	1	0.85	0.23	2.15	-0.42	
	W	-1	x	1	1.85	0.23	1.50	-0.64	
								9.35	m ³
7.	Providing and Plastering of internal/external wall plastering using cement mortar 1:4.(cement -1 part sand -4 part) includes of fixing of chicken mesh in RCC & brick joints								

	cleaning, scaffolding, curing and complete all as per IS standard.								
7.1	Inner wall Plastering								
	Longer	1	x	2	3.35		3.05	20.44	
	Shorter	1	x	2	3.35		3.05	20.44	
	Gable wall	1	x	2	3.35		0.20	1.34	
	Deductions								
	D	-1	x	1	0.85		2.15	-1.83	
	W	-1	x	1	1.85		1.50	-2.78	
								37.61	m ²
7.2	Outer wall Plastering								
	Long wall	1	x	2	3.85		3.70	28.49	
	Short wall	1	x	2	3.85		3.70	28.49	
	Gable wall	1	x	2	3.35		0.20	1.34	
	Deductions								
	D	-1	x	1	0.85		2.15	-1.83	
	W	-1	x	1	1.85		1.50	-2.78	
								53.71	m ²
7.3	Window edge plastering								
	D	1	x	1	5.15	0.23		1.18	
	w`	1	x	1	6.70	0.23		1.54	
								2.72	m ²
8.	Flooring								
8.1	Providing and laying granolithic flooring in C.C.1:2:4 (cement - 1part M.sand -2 part and 20mm aggregates - 4 part) for 75mm tk the rate includes cost of mix with mechanical mixer machine, vibrator, compaction, laying in line, level, dewatering, power trowel finish, curing and completing all with necessary tools & equipment								
	EB	1	x	1	3.35	3.35	0.075	0.84	
	D	1	x	1	0.85	0.23	0.075	0.01	
								0.85	m ³
9.	Joinery and Allied works								
9.1	Supply and fixing of MS Windows Outer frame - ISA 35 x 35 x 6,Shutter frame - T angle 25 x 3,Grill - 12mm Sq polished Rod and Shutter - 5mm tk plain glass including materials, labour, fixing and Completing all.								
	W	1	x	1	1.85		1.50	2.78	
								2.78	m ²
9.2	Supply and fixing of MS Door outer frame - ISA 35 x 35 x 6, Shutter frame -ISA angle 25 x 25x 6,Shgutter 19G (1.0 mm tk) plain sheet including materials, labour, fixing and Completing all.								
	D	1	x	1	0.85		2.15	1.83	
								1.83	m ²
10.	Painting works								
10.1	Supplying & Apply of white washing for internal & external walls two coats of BIRLA / KOTTAYAM or equivalent make including scrapping, cleaning, materials, labour and completing all.								

	Wall surface Area							40.33	
								40.33	m ²
10.2	Supplying & Apply of Two coat of Enamel over one coat of Primer ASIAN or Equivalent make on MS surface including scrapping, cleaning, materials, labour and completing all.								
	W	1	x	2	1.85			1.50	5.55
	D	1	x	2	0.85			2.15	3.66
									9.21
									m ²
11.	Providing Electrical Arrangements								
12.	Providing Electrification Arrangements								
13.	Providing water supply & sanitation Arrangements								
	Structural Works (Roof & Cladding)								
1.	Supplying and Fabrication of All MS built up members column, lattice and truss etc., in JSW or equivalent including erection in Line, level, alignment, fasteners, welding, Scaffolding, cranes and completing all with necessary tools & equipment								
	As per Structural Drawing								127.00
									MT
2.	Supplying & Apply of One coat of anti-corrosive primer and one coat of Ad grey enamel paint ASIAN or Equivalent make on MS surface including scrapping, cleaning, materials, labour and completing all								
	As per Structural Drawing								127.00
									MT
3.	Supply and Fabrication of cold formed steel member purlin etc., in JSW or equivalent including erection in Line, level, alignment, fasteners, welding, Scaffolding, cranes and completing all with necessary tools & equipment								
	As per Structural Drawing								127.00
									MT
4.	Supply and fixing of bare galvalume roofing sheet 0.47mm TCT; 550MPa, 150GSM; JSW Bare galvalume sheets. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								
	As per Structural Drawing								19.00
									m ²
5.	Supply and fixing of bare galvalume Ridge Sheet 0.47mm TCT; 550MPa, 150GSM;JSW Bare galvalume. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								
	As per Structural Drawing								4.00
									RMT

BILL OF QUANTITY FOR TOILET

S.No	Description of Work	Nos.			Measurements			Qty	Unit
					L	B	D/H		
1.	Earth work and Soil Filling works								
1.1	Earth work Excavation up to a depth of 2.0 m in all types of soil including necessary markings, sides dressing, level and completing all								
	Walls	1	x	2	4.80	0.60	1.00	5.76	
		1	x	2	3.35	0.60	1.00	4.02	
								9.78	m³
1.2	Supplying and filling with Gravel / murrum soil in basement with all necessary tools & equipment including watering, compaction and completing all								
	Toilet	1	x	1	4.35	2.90	0.50	6.31	
								6.31	m³
2.	Providing and laying PCC cement concrete 1:5:10 (cement - 1part M.sand -5 part and 40mm aggregates -10 part) the rate includes cost of mix with mechanical mixer machine, compaction, laying in line, level, curing and completing all with necessary tools & equipment.								
2.1	Foundation								
	Walls	1	x	2	4.80	0.60	0.10	0.58	
		1	x	2	3.35	0.60	0.10	0.40	
								0.98	m³
2.2	In Flooring								
	Toilet	1	x	1	4.35	2.90	0.10	1.26	
								1.26	m³
3.	R.C.C 1:2:4 (cement - 1part M.sand -2 part and 20mm aggregates - 4 part) the rate includes cost of mix with mechanical mixer machine, vibrator, compaction, laying in line, level, alignment, curing and completing all with necessary tools & equipment								
3.1	RCC Grade Beam								
	Longer	1	x	2	4.80	0.45	0.10	0.43	
	Shorter	1	x	2	3.35	0.45	0.10	0.30	
								0.73	m³
3.2	RCC Lintel & Sunshade								
	Longer	1	x	2	4.80	0.23	0.15	0.33	
	Shorter	1	x	2	3.35	0.23	0.15	0.23	
		1	x	2	3.35	0.12	0.15	0.12	
								0.68	m³
4.	Supplying and Erecting shuttering, necessary supports/scaffolding for all RCC surfaces including de- shuttering after curing period, Erection in line, level alignment with standard specifications and completing all								
4.1	Grade Beam								
	Longer	2	x	2	4.80		0.10	1.92	
	Shorter	2	x	2	3.35		0.10	1.34	
								3.26	m²
4.2	Lintel & sunshade								

	Longer	2	x	2	4.80		0.15	2.88	
	Shorter	2	x	2	3.35		0.15	2.01	
		2	x	2	3.35		0.15	2.01	
	D	1	x	3	1.00	0.23		0.69	
	Sunshade	1	x	3	0.90	0.23		0.62	
								8.21	m²
5.	Supplying & Fabricating reinforcement for RCC work including cutting, straightening, bending, placing in position and binding with 18 gauge annealed binding wire and complete all as per IS standards.								
		1	x	1	0.22			0.22	MT
6.	Masonry Works								
6.1	Providing and laying RR stone masonry work using cement mortar of 1:7 (cement -1 part sand -7 part). The rate includes cost of scaffolding, mixing, raking of joints, lead & lift curing and complete all as per IS standard.								
	Longer	1	x	2	4.80	0.60	0.90	5.18	
	Shorter	1	x	2	3.35	0.60	0.90	3.62	
	Longer	1	x	2	4.80	0.45	0.50	2.16	
	Shorter	1	x	2	3.35	0.45	0.50	1.51	
	Steps	1	x	6	1.20	0.60	0.60	2.59	
								15.06	m³
6.2	Providing and laying brick work of 230mm thick using cement mortar of 1:5 (cement -1 part sand -5 part). The bricks should be approved good quality of brick. The mortar thickness in the masonry joints shall not exceed 10 mm. All the faces of the joints shall be raked to a minimum depth of 10 mm. The rate includes cost of scaffolding, mixing, raking of joints, lead & lift curing and complete all as per IS standard.								
	Above FFL to 11'0" Level								
	Longer	1	x	2	4.80	0.23	3.05	6.73	
	Shorter	1	x	2	2.86	0.23	3.05	4.01	
	Gable wall	1	x	2	2.86	0.23	0.20	0.26	
	Deductions								
	V	-1	x	6	0.90	0.23	0.60	-0.75	
	D	-1	x	6	0.85	0.23	2.15	-2.52	
								7.73	m³
6.3	Providing and laying brick partition work of 115mm thick using cement mortar of 1:4 (cement -1 part sand -4 part). The bricks should be approved good quality of brick. The mortar thickness in the masonry joints shall not exceed 10 mm. All the faces of the joints shall be raked to a minimum depth of 10 mm. The rate includes cost of scaffolding, mixing, raking of joints, lead & lift curing and complete all as per IS standard.								
	Partition brick wall								
	Shorter	1	x	2	2.86		3.05	17.45	
								17.45	m²
7.	Providing and Plastering of internal/external wall plastering using cement mortar 1:4.(cement -1 part sand -4 part) includes of fixing of chicken mesh in RCC & brick joints cleaning, scaffolding, curing and complete all as per IS standard.								
7.1	Inner wall Plastering								

	Longer	1	x	2	4.35		3.05	26.54	
	Shorter	1	x	6	2.86		3.05	52.34	
	Gable wall	1	x	6	2.86		0.20	3.43	
	Deductions								
	V	-1	x	6	0.90		0.60	-3.24	
	D	-1	x	6	0.85		2.15	-10.97	
								68.10	m²
7.2	Outer wall Plastering								
	Long wall	1	x	2	4.80		3.70	35.52	
	Short wall	1	x	2	3.35		3.70	24.79	
	Gable wall	1	x	2	3.35		0.20	1.34	
	Deductions								
	V	-1	x	6	0.90		0.60	-3.24	
	D	-1	x	6	0.85		2.15	-10.97	
								47.44	m²
7.3	Window edge plastering								
	V	1	x	6	3.00	0.23		4.14	
	D	1	x	6	5.15	0.23		7.11	
								11.25	m²
8.	Floor & Wall Tiles								
8.1	Providing and laying anti skid Floor tiles using CM 1:4 (cement - 1part M.sand -4 part)The rate includes cost of mix, laying in line, level, curing and completing all								
	Basic cost Rs.45/-								
	Toilet	1	x	6	1.40	1.40		11.76	
	D	1	x	6	0.85	0.23		1.17	
								12.93	m²
8.2	Providing and laying wall Floor tiles using CM 1:4 (cement - 1part M.sand -4 part)The rate includes cost of mix, laying in line, level, curing and completing all								
	Basic cost Rs.50/-								
	Toilet	1	x	6	5.60	2.15		72.24	
	Door sides	2	x	6	0.23	2.15		5.93	
	D	-1	x	6	0.85	2.15		-10.97	
								67.20	m²
9.	Joinery and Allied works								
9.1	Supply and fixing of MS Windows Outer frame - ISA 35 x 35 x 6,Shutter frame - T angle 25 x 3,Grill - 12mm Sq polished Rod and Shutter - 5mm tk plain glass including materials, labour, fixing and Completing all.								
	V	1	x	6	0.90	0.60		3.24	
								3.24	m²
9.2	Supply and fixing of MS Door outer frame - ISA 35 x 35 x 6, Shutter frame -ISA angle 25 x 25x 6,Shgutter 19G (1.0 mm tk) plain sheet including materials, labour, fixing and Completing all.								
	D	1	x	6	0.85		2.15	10.97	
								10.97	m²

10.	Painting works								
10.1	Supplying & Apply of white washing for internal & external walls two coats of BIRLA / KOTTAYAM or equivalent make including scrapping, cleaning, materials, labour and completing all.							59.59	
	Wall surface Area							59.59	m²
10.2	Supplying & Apply of Two coat of Enamel over one coat of Primer ASIAN or Equivalent make on MS surface including scrapping, cleaning, materials, labour and completing all.								
	V	6	x	2	0.90		0.60	6.48	
	D	6	x	2	0.85		2.15	21.93	
								28.41	m²
11.	Providing Electrical Arrangements								
12.	Providing Electrification Arrangements								
13.	Providing water supply & sanitation Arrangements								
	Structural Works (Roof & Cladding)								
1.	Supplying and Fabrication of All MS built up members column, lattice and truss etc., in JSW or equivalent including erection in Line, level, alignment, fasteners, welding, Scaffolding, cranes and completing all with necessary tools & equipment								
	As per Structural Drawing							0.26	MT
2.	Supplying & Apply of One coat of anti-corrosive primer and one coat of Ad grey enamel paint ASIAN or Equivalent make on MS surface including scrapping, cleaning, materials, labour and completing all.								
	As per Structural Drawing							0.26	MT
3.	Supply and fixing of bare galvalume roofing sheet 0.47mm TCT; 550MPa, 150GSM; JSW Bare galvalume sheets. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								
	As per Structural Drawing							20.00	m²
4.	Supply and fixing of bare galvalume Ridge Sheet 0.47mm TCT; 550MPa, 150GSM; JSW Bare galvalume. Erection in Line, level, alignment, screws, washers, Scaffolding, cranes and completing all with necessary tools & equipment.								
	As per Structural Drawing							5.00	RMT

BILL OF QUANTITY FOR SUMP

Area of Building: 12'0" x 5'0" x 6'0" = 10,000 Litres

S.No	Description of Work	Nos.			Measurements			Qty	Unit
					L	B	D/H		
1.	Earth work and Soil Filling works								
1.1	Earth work Excavation up to a depth of 2.0 m in all types of soil including necessary markings, sides dressing, level and completing all								
	Sump	1	x	1	4.45	2.30	2.10	21.49	
								21.49	m ³
1.2	Re - Filling with available soil in basement with all necessary tools & equipment including watering, compaction and completing all								
	Sump	1	x	1	13.50	0.15	2.10	4.25	
								4.25	m ³
2.	Providing and laying PCC cement concrete 1:5:10 (cement - 1part M.sand -5 part and 40mm aggregates -10 part) the rate includes cost of mix with mechanical mixer machine, compaction, laying in line, level, curing and completing all with necessary tools & equipment.								
	Foundation								
	Sump	1	x	1	4.45	2.30	0.10	1.02	
								1.02	m ³
3.	R.C.C 1:2:4 (cement - 1part M.sand -2 part and 20mm aggregates - 4 part) the rate includes cost of mix with mechanical mixer machine, vibrator, compaction, laying in line, level, alignment, curing and completing all with necessary tools & equipment								
	RCC Slab								
	Slab	1	x	1	4.15	1.90	0.15	1.18	
								1.18	m ³
4.	Supplying and Erecting shuttering, necessary supports/scaffolding for all RCC surfaces including de- shuttering after curing period, Erection in line, level alignment with standard specifications and completing all								
	Slab								
	Slab	1	x	1	3.70	1.55		5.74	
	Sides	1	x	1	12.10		0.15	1.82	
								7.56	m ²
5.	Supplying & Fabricating reinforcement for RCC work including cutting, straightening, bending, placing in position and binding with 18 gauge annealed binding wire and complete all as per IS standards.								
		1	x	1	0.10			0.10	T
	Masonry Works								
6.	Providing and laying brick work of 230mm thick using cement mortar of 1:5 (cement -1 part sand -5 part). The bricks should be approved good quality of brick. The mortar thickness in the masonry joints shall not exceed 10 mm. All the faces of the joints shall be raked to a minimum depth of 10 mm. The rate includes cost of scaffolding, mixing, raking of joints, lead & lift curing and complete all as per IS standard.								
	Longer	1	x	2	4.12	0.23	1.85	3.51	
	Shorter	1	x	2	1.55	0.23	1.85	1.32	

								4.83	m ³
7.	Providing and Plastering of internal/external wall plastering using cement mortar 1:4.(cement -1 part sand -4 part) includes of fixing of chicken mesh in RCC & brick joints cleaning, scaffolding, curing and complete all as per IS standard.								
7.1	Inner Plastering								
	Ceiling	1	x	1	3.66	1.50		5.49	
	Top plastering	1	x	1	2.00	4.12		8.24	
	Sides	1	x	1	12.24		0.30	3.67	
								17.40	m ²
7.2	Inner Plastering (smooth finish with cement slurry)								
	Floor	1	x	1	3.66	1.50		5.49	
	Side walls	1	x	1	10.32		1.85	19.09	
								24.58	m ²
8.	Supply and fixing of cast-iron 2 x 2 Manhole cover								
	Man hole	1	x	1				1.00	
								1.00	Nos
9.	Providing Electrical Arrangements								
10.	Providing Electrification Arrangements								
11.	Providing water supply Arrangements								

BILL OF QUANTITY FOR OHT TANK

S.No	Description of Work	Nos.			Measurements			Qty	Unit
					L	B	D/H		
1.	Earth work and Soil Filling works								
1.1	Earth work Excavation up to a depth of 2.0 m in all types of soil including necessary markings, sides dressing, level and completing all								
	Footing	1	x	4	1.40	1.40	1.20	9.41	
								9.41	m ³
1.2	Filling in foundation with available soil in basement with all necessary tools & equipment including watering, compaction and completing all								
	Footing	1	x	4	1.40	1.40	0.90	7.06	
								7.06	m ³
2.	Providing and laying PCC cement concrete 1:5:10 (cement - 1part M.sand -5 part and 40mm aggregates -10 part) the rate includes cost of mix with mechanical mixer machine, compaction, laying in line, level, curing and completing all with necessary tools & equipments.								
	Foundation								
	Footing	1	x	4	1.40	1.40	0.10	0.78	
								0.78	m ³
3.	R.C.C 1:2:4 (cement - 1part M.sand -2 part and 20mm aggregates - 4 part) the rate includes cost of mix with mechanical mixer machine, vibrator, compaction, laying in line, level, alignment, curing and completing all with necessary tools & equipments								
3.1	RCC Footing								
	Footing	1	x	4	1.20	1.20	0.30	1.73	
								1.73	m ³
3.2	RCC Pedestal								
	Pedestal	1	x	4	0.45	0.45	1.40	1.13	
								1.13	m ³
4.	Supplying and Erecting shuttering, necessary supports/scaffolding for all RCC surfaces including de- shuttering after curing period, Erection in line, level alignment with standard specifications and completing all								
4.1	Footing	1	x	4	4.80		0.30	5.76	
								5.76	m ²
4.2	Pedestal	1	x	4	1.80		1.40	10.08	
								10.08	m ²
5.	Supplying & Fabricating reinforcement for RCC work including cutting, straightening, bending, placing in position and binding with 18 gauge annealed binding wire and complete all as per IS standards.								
6.	Providing Electrical Arrangements								
7.	Providing Electrification Arrangements								
8.	Providing water supply & sanitation Arrangements								
	Structural Works								
1.	Supplying and Fabrication of All MS built up members column, lattice and truss etc., in JSW or equivalent including erection in Line, level, alignment, fasteners, welding,								

	Scaffolding, cranes and completing all with necessary tools & equipments								
	As per Structural Drawing							1.40	MT
2.	Supplying & Apply of One coat of anti-corrosive primer and one coat of Ad grey enamel paint ASIAN or Equivalent make on MS surface including scrapping, cleaning, materials, labour and completing all.								
	As per Structural Drawing							1.40	MT

PART-I

Date: _____

From,

Name:
Address:
Ph:
Fax:
E-mail:

To,

The Chairman,
M/s.Imaigal Trust,
No.145, 2nd Floor, Sathy Road, Opposite to Bus Stand,
Near Park Palace Hotel,
Erode- 638003

Sir,

Sub: Tender for the construction of Industrial Work shed buildings and amenities
for Kongu Coir Cluster, Erode - Submission of Part I - Reg

Ref: Your Tender Notice Dt.

With reference to your tender notice, we submit herewith our sealed Tender for the construction of Industrial Work shed buildings and amenities for Kongu Coir Cluster, Erode, as specified by IA in this tender document.

We enclose the following documents:

- 1) Tender conditions duly signed in each page and enclosed in token of accepting the Tender conditions
- 2) Demand Draft no. _____ for Rs.1,50,000 /- (Rupees One lakh Fifty thousand only), in favour of “HI Account Erode Kongu Coir Cluster”, Drawn on _____ Bank payable at Erode, towards Earnest Money Deposit.
- 3) Authorization letter from the Company for the person to sign the tender.
- 4) Details of the Tenderer (as per Annexure-III)
- 5) Average annual turnover statement duly certified by a Chartered Accountant (as per Annexure-IV).
- 6) List of Building construction works executed in last 3 years as per Annexure-V
- 7) Declaration for not having black listed by any other Govt. agencies (as per Annexure-VI).
- 8) Declaration for not having tampered the Tender documents downloaded from the websites **www.coirboard.gov.in** or **www.itcot.com** (Annexure-VII).
- 9) The copy of certificate of incorporation/registration (If applicable)

- 10) Copy of Memorandum and Articles of Association (If applicable)
- 11) Copy of Registered Partnership deed, in case of Partnership Firm (If applicable)
- 12) Copy of Udyog Aadhaar, GST Registration Certificate & PAN Card
- 13) Valid Registration Certificate from PWD as Class I Contractor or from Highways department
- 14) Work Orders issued by the clients.
- 15) Performance certificate issued by the clients.
- 16) The Annual Report / certified copies of Balance Sheet, Profit & Loss statement along with schedules for the last 3 consecutive financial years FY 2016-17, 2017-18 and 2018-19.
- 17) Latest I.T return.
- 18) Notarized translated English version of the documents in a language other than English/Tamil, if any.

Yours faithfully,

SIGNATURE OF THE TENDERER

Encl: As stated above

ANNEXURE - III**DETAILS OF THE TENDERER**

1. Name of the Tenderer	
2. Registered Office Address	Telephone Number: Fax : Email : Website, if any
3. Contact Person	Name: Designation: Phone: Mobile: Email:
4. Date of Incorporation	
5. Legal Status	Proprietorship/partnership/Pvt. Limited/Public Limited/ others(Pl. mention)
6. Eligible license holder of	
7. Brief profile of the tenderer	
8. Number of staffs on regular payroll	Technical: Administration:
9. PAN Number	
10. GST Registration Number	
11. PAN Number	

SIGNATURE OF THE TENDERER
(with seal and address)

ANNUAL TURN OVER STATEMENT

The Annual turnover of M/s for the past three years are given below and certified that the statement is true and correct.

S.no	Year	Turnover (Rs. in lakh)
1	2016-2017	
2	2017-2018	
3	2018-2019	
	Total	
Average annual turnover		

DATE :

SIGNATURE OF THE TENDERER

**SIGNATURE OF CHARTERED ACCOUNTANT
(with seal and Address)**

ANNEXURE - V

List of clients for whom Civil construction works undertaken in the past 3 years

(Please provide the details for each project in separate sheet along with work Order/completion certificate from client)

S.No	Name & Address of the Client	Details of Work	Extent/Area covered in Sq.ft	Year of Completion	Cost (Rs.in Lakhs)	Work Order & Completion certificate enclosed (Yes/No)
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

SIGNATURE OF THE TENDERER
(with seal and address)

CERTIFICATE

Date: _____

Certified that M/s...../ the firm /company or its partners / share holders had not been blacklisted by any Government Agencies.

SIGNATURE OF THE TENDERER
(with seal and address)

DECLARATION FORM

Date: _____

a) I/We having our office at do declare that I/We have carefully read all the conditions of tender sent to me/us by the M/s.Imaigal Trust, for the tenders floated vide tender ref.no._____ for the construction of Industrial Work shed buildings and amenities for Kongu Coir Cluster, Erode and will complete the contract as per the tender conditions.

b) I/We have downloaded the tender document from the internet site **www.coirboard.gov.in** or **www.itcot.com** and I/We have not tampered / modified the tender document in any manner. In case, if the same is found to be tampered / modified, I/ We understand that my/our tender will be summarily rejected and full Earnest Money Deposit will be forfeited and I /We am/are liable to be banned from doing business with M/s.Imaigal Trust or prosecuted.

SIGNATURE OF THE TENDERER
(with seal and address)

PART-II

From,

Name:
Address:
Ph:
Fax:
E-mail:

To,

The Chairman,
M/s.Imaigal Trust (IA)
No.145, 2nd Floor, Sathy Road, Opposite to Bus Stand,
Near Park Palace Hotel,
Erode- 638003

Sir,

Sub: Tender for the construction of Industrial Work shed buildings and amenities for Kongu Coir Cluster, Erode - Submission of Part II - Price Offer-Reg.

Ref:- Our tender (Technical Bid) submitted for the “construction of Industrial Work shed buildings and amenities for Kongu Coir Cluster, Erode”

In continuation of our above tender, we submit herewith the price offer for the “Industrial Work shed buildings and amenities for Kongu Coir Cluster, Erode” as specified by IA in this tender document.

We agree to abide by the terms and conditions stipulated by the IA and also agree to complete the entire contract, at the rates quoted by us. The rate quoted and approved by the IA in this tender will hold good as per IA tender conditions.

Yours faithfully,

SIGNATURE OF THE TENDERER

PRICE BID

(Amount in Rs.)

Description	Basic Amount	SGST	CGST	IGST	Total Price including taxes
Construction of Industrial work shed building for the common facility centre of Kongu Coir Cluster as per drawing and BoQ given in Annexure I					
Construction of Cocolog shed building for the common facility centre of Kongu Coir Cluster as per drawing and BoQ given in Annexure I					
Construction of EB room for the common facility centre of Kongu Coir Cluster as per drawing and BoQ given in Annexure I					
Construction of Toilet for the common facility centre of Kongu Coir Cluster as per drawing and BoQ given in Annexure I					
Construction of Sump for the common facility centre of Kongu Coir Cluster as per drawing and BoQ given in Annexure I					
Construction of OHT Tank for the common facility centre of Kongu Coir Cluster as per drawing and BoQ given in Annexure I					
Grand Total					

Amount in Words: Rupees _____ only

Note:

- a) The Bidder shall quote the Lump sum costs in the above given format.
- b) The lump sum offer shall provide for all superintendence, labour, technical assistance, material, plant, equipment and all other things required for executing and completing all the works as per defined Scope of Work.

SIGNATURE OF THE TENDERER
(with seal and address)

CHECKLIST OF DOCUMENTS**Documents to be enclosed in Part-I:**

S.No	Checklist	Enclosed (Yes/No)	Reference in the Bid (Page No.)
1.	A covering letter on your letter head addressed to the Chairman, M/s.Imaigal Trust, No.145, 2nd Floor, Sathy Road, Opposite to Bus Stand, Near Park Palace Hotel, Erode-638003 (as per Annexure-II)		
2.	Tender conditions duly signed in each page and enclosed in token of accepting the Tender conditions		
3.	Demand Draft for Rs.1,50,000/- (Rupees One lakh Fifty thousand only), in favour of “HI Account Erode Kongu Coir Cluster”, payable at Erode, towards Earnest Money Deposit.		
4.	Authorization letter from the Company for the person to sign the tender		
5.	Details of the Tenderer (as per Annexure-III)		
6.	Average annual turnover statement duly certified by a Chartered Accountant (as per Annexure-IV)		
7.	List of Building construction works executed in last 3 years as per (Annexure-V)		
8.	Declaration for not having black listed by any other Govt. agencies (as per Annexure-VI)		
9.	Declaration for not having tampered the Tender documents downloaded from the websites www.coirboard.nic.in or www.itcot.com (Annexure-VII).		
10.	The copy of certificate of incorporation/registration.		
11.	Copy of Memorandum and Articles of Association		
12.	Copy of Registered Partnership deed, in case of Partnership Firm		
13.	Copy of Udyog Aadhaar, GST Registration Certificate & PAN Card		

S.No	Checklist	Enclosed (Yes/No)	Reference in the Bid (Page No.)
14.	Valid Registration Certificate from PWD as Class I Contractor or from Highways department		
15.	Work Orders issued by the clients		
16.	Performance certificate issued by the clients		
17.	The Annual Report / certified copies of Balance Sheet, Profit & Loss statement along with schedules for the last 3 consecutive financial years FY 2016-17, 2017-18 and 2018-19.		
18.	Latest I.T return		
19.	Notarized translated English version of the documents in a language other than English/Tamil, if any		

Documents to be enclosed in Part-II

S.No	Checklist	Enclosed (Yes/No)
1.	A covering letter on your letter head addressed to the Chairman, M/s.Imaigal Trust, No.145, 2nd Floor, Sathy Road, Opposite to Bus Stand, Near Park Palace Hotel, Erode- 638003 (as per Annexure-VIII)	
2.	Price Bid as per Annexure- IX of the Tender document.	

Both ‘Part I – Technical bid’ cover and ‘Part II – Price bid’ cover must be placed in a separate sealed cover superscripted as “Tender for the construction of Work shed buildings and amenities for Kongu Coir Cluster, Erode” and addressed to **“M/s.Imaigal Trust, C/o. Regional Office Coir Board, No.41, Nehru Street, Mahalingapuram, Near Roundana, Beside Water Tank, Pollachi – 642002, Tamilnadu”**, containing the name and address of the Tenderer.

Note: Tenders submitted in unsealed cover would summarily be rejected.