

ARTICLES OF AGREEMENT

Memorandum of Agreement, made this day of between the Council of Scientific & Industrial Research, New Delhi, a society registered under the societies Registration act, 1860. (hereinafter referred to as Employer) which expression shall, unless excluded by or repugnant to the context, be deemed to include his successors in office, representatives and assigns of the one part and M/s .....having its office at ..... (hereinafter referred to as the Consultant) which expression shall, unless excluded by or repugnant to the context, be deemed to include their successors in interest and permitted assigns of the other part.

Whereas the Employer is desirous of undertaking the structural designing of the building / project in accordance with the general requirements as set out in the enclosed conditions, and whereas the consultant has agreed to perform the services as set out in the enclosed conditions and subject to the terms and conditions set forth in the said conditions.

Now, the present witnessed and it is hereby agreed by between the parties hereto as follows:

The employer appoints the Consultant and the Consultant accepts the appointment on the terms and conditions mentioned in the conditions of the Agreement annexed hereto. The conditions of agreement annexed hereto shall form part and parcel of this present.

In witness whereof, the Employer through his duly authorized representatives has set his hand and the consultant through their duly authorized representatives have affixed their common seal hereunto the day and year first above written.

For and on behalf of consultant

For and on behalf of the

M/s \_\_\_\_\_ Council of Scientific & Industrial Research

Common Seal of the Consultant

In the presence of

In the presence of

1.

2.

1.

2.

## CONDITIONS OF AGREEMENT

### 1. Definitions

For the purpose of the agreement, the following words and expressions shall have the meaning hereby assigned to them except where the context otherwise requires:

- i. **'Approved'** means approved by employer's representative in writing including subsequent confirmation of previous approval and 'Approval' means approval by Employer's representative in writing as above said.
  - ii. **'Employer'** shall mean Director CSIR-IHBT, Palampur or any officer authorized by Director CSIR-IHBT, Palampur for the purpose.
  - iii. **Engineer:** shall mean the Engineer designated by the Employer to superintend and perform other duties as indicated in the Contract.
  - iv. **Consultant** means M/s \_\_\_\_\_ having a registered office at \_\_\_\_\_ of their permitted assigns or successors in office and authorized representative.
  - v. **'Tendered Cost'** means cost at which work is awarded to consultant.
  - vi. **'site'** shall mean the site of the contract/Architectural works including any building and erection thereon and any other land adjoining thereto (inclusive) as aforesaid allotted by the Employer or the Engineer for the contract's use.
2. **'Building'** shall mean the proposed building of C/o Staff Quarters at CSIR-IHBT, Palampur.

### 3. Scope of work:

**The scope of work includes the following**

- (1) Providing structural design and drawings of following load bearing building
  - (a) Type V quarters =One block having 2 quarters at G.F. & 2 quarters at F.f. (architectural drawings are enclosed)
  - (b) Type IV quarters= One block having 2 quarters at G.F. & 2 quarters at F.f. (architectural drawings are enclosed)
  - (c) Type III quarters= One block having 2 quarters at G.F. & 2 quarters at F.f. (architectural drawings are enclosed)
- (2) Providing verification/structural safety certificate from govt. agency /govt. engineering college (applicable for only private consultant)

Note: The safe bearing capacity of soil may be taken as 10 Tons per sqm

### 4. Payment of remuneration:

- a) The fees for the structural consultancy for the above project will remain unchanged even if the total cost of the project increases subsequently.

A lump sum fee of Rs. ....for providing structural design as per scope of work at para 3.

- b) The above fee at 4 (a) is inclusive of fee payable by the consultant to any other consultant / Associate(s) and nothing extra shall be payable by the Employer for this purpose. No separate amount is payable for service tax and the same is deemed to be included in the above

fee. The consultant shall be reimbursed any other future taxes imposed by the Govt. subject to submission of proof of payment of such taxes.

( C ) Mode of payment

On providing structural designs and verification/structural safety certificate=100%

#### **5. Additions and alterations:**

i) The employer shall have the right to request in writing for additions, alterations, modifications or deletions in the design and drawing of any part of the work and to request in writing for additional work in connection therewith and the consultants shall comply with such requests without any extra cost.

ii) However, if the employer deviates substantially from the original scheme which involves change in the scope of work leading to increase in overall tendered cost by more than 10% and the consultant is necessary required to issue fresh drawings for these works for its proper execution, extra services, expenses and extra labour on the part of the consultant for making changes and additions to the drawings, specifications or other documents due to tendering major part or whole of his work infructuous, the consultants may then be compensated for such extra services and expenses on quantum merit basis at percentage applicable under this agreement and to be determined mutually unless such changes, alterations are due to consultants' own omissions and /or discrepancies, including changes under clause 3 I (A) & B, 3 (II) (c) & (d) due to changes required by consultants of all internal , external services. The decision of the Employer shall be final on whether the deviation and additions are substantial as requiring any compensation to be paid to the consultants. However, for the minor modification or alteration which does not affect the entire design, planning etc. no amount will be payable.

#### **6. Time schedule**

The time period for providing entire structure design including structural safety certificate from government agency/ government engineering college is 8 weeks. The date of start of work will be reckoned from 10<sup>th</sup> day of award letter.

#### **7 Compensation for delay:**

The time allowed for carrying out the work as specified in clause 6 shall be strictly observed by the consultants and shall be deemed to be the essence of the contract on the part of the consultants. The work shall thorough-out the stipulated period of the contract be processed with all diligence and in the event of failure of the consultants to complete the work within time schedule as specified above or within the extended period as approved by the employer in writing, the consultants shall pay as compensation amount equal to ½ % (half percent) for every week of delay on total fee payable, that the work remain unfinished after the specified date subject to maximum of 5% of the total fee payable to the consultant.

#### **8. Abandonment of work:**

That if the consultant abandon the work for any reason whatsoever or become incapacitated from action as consultants as aforesaid, the employer may make full use of all or any of the drawings/structural design prepared by the consultants and that the consultants shall be liable to refund any excess fees paid to them up to that date plus such damages as may be assessed by the employer.

## **9. Termination:**

The Employer without any prejudice to its right against the consultants in respect of any delay or otherwise or to any claims or damages in respect of any breaches of the contract and without prejudice to any right or remedies under any of the provisions of this contract may terminate the contract by giving one months notice in writing to the consultants and in the event of such termination, the consultants shall be liable to refund the excess payment, if any, made to them over and above what is due in terms of this agreement on the date of termination and employer may make full use of all or any of the drawings prepared by the consultants.

In case due to any circumstances, the employer decides to curtail the scope of work or totally abandon the work, the payment to the consultants would be made based on approved preliminary estimate up to the stage of work executed by him immediately before taking such a decision. However, once the work is awarded and then the scope is reduced, the payment to the consultants will not be affected so long as he has completed supply of all drawings and schedule as per agreement.

## **10. Arbitration:**

That if any dispute, difference or question shall at any time arise between the parties in respect of the meaning or interpretation of this agreement or covering anything herein contained or the validity of the enforcement thereof which cannot be settled mutually, shall within 30 days (or such longer period as may be agreed upon) from the date one party informs the other in writing that such dispute or disputes or disagreements exist, be referred to sole arbitration by a person appointed by the DGCSIR.

The arbitrator to whom the matter is originally referred being transferred or vacating his office or being unable to act for any reason, DGCSIR as at the time of such transfer, vacation of office or inability to act, shall appoint another person to act as arbitrator in accordance with the terms of the contract. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor. The arbitration proceedings will be conducted in accordance with and be subject to Arbitration and Conciliation Act 1996 as amended from time to time and the decision of the arbitrator shall be final and binding on the parties.

The arbitrator will have its seat at site of work or at such place in India as may be decided by the arbitrator.

The consultants shall continue to perform their duties with diligence notwithstanding the fact that a dispute has been referred to arbitration or any dispute or difference has arisen.

It is also the term of the agreement that if the consultant do not make demand for arbitration in respect of any item in writing within 90 days of receiving intimation from the employer that the final bill is ready for payment, the claim of the consultant will be deemed to have been waived and absolutely barred and the employer shall be discharged and released of all liabilities under the agreement in respect of these claims.

### **11. Number of Drawing Sets, etc. and copy right:**

All the detailed designs calculations, reports and any other details envisaged under this agreement, including structural drawings, would be supplied by the consultants as indicated above, but not less than 4 specified sets of prints and one reproducible copy in A-1

size. Any extra sets of drawings, if required the employer shall be supplied at mutually agreed cost. All these drawings will become the property of the employer and he will have the right use of the same anywhere else. In that event, the employer will pay a royalty to the consultants on mutually acceptable basis. The drawing cannot be issued to any other person, firm or authority or used by the consultants for any other project. No copies of any drawing or document shall be issued to anyone except the employer and authorized representative.

### **12. Determination or Rescission of Agreement:**

The employer without any prejudice to its right against the consultant in respect of any delay by notice in writing absolutely may determine the contract in any of the following cases:

i) If the consultants being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of the creditor shall be appointed or if circumstances shall arise which entitle the court or creditor to appoint a receiver or a manager which entitles the court to make up a winding order.

ii) If the consultants commit breach of any of the terms of agreement.

When the consultants have made themselves liable for action under any of the clauses aforesaid, the employer shall have powers:

a) to determine or rescind the agreement

b) to engage another consultant(s) to carry out the balance work at the risk and cost of the consultant and debiting the consultant(s) the excess amount, if any, so spent.

### **13. General:**

1. The scrutiny of the drawing, and designs by the employer's own supervisory staff, if any, does not absolve the consultants of their responsibility under the agreement. The consultants shall remain solely responsible for structural soundness of the design and for all provisions of the contract so as to satisfy the particular requirement of the Architectural specifications.
2. The consultants shall supply to the employer copies of all documents, instructions issued to contractors, if any, relating to the work, drawings, specifications, bill of quantities and also other documents as may be required.
3. The consultants hereby agree that the fees to be paid as provided herein (clause 4) will be- in full discharge of function to be performed by him and no claim whatsoever shall be against the employer in respect of any proprietary rights or copy rights on the part of any party relating to the plans, models and drawings.

The consultants shall indemnify and keep indemnified the employer against any such claims and against all costs and expenses paid by the employer in defending himself against such claims.

**Proforma for Financial Bid**

(To be put in sealed cover)

Ref No.....

Date .....

**Director,  
CSIR-IHBT,  
Palampur- 176061**

**Sub:** C/o Houses at CSIR-IHBT Palampur (**Structural design**)

Dear Sir,

We have carefully noted the scope of work for providing **Structural design** Services as stated in the subject. We are pleased to quote our fees (on lump sum basis) as INR ..... (in words ..... ) for providing our services as per the scope of work and terms & conditions of Agreement.

Thanking you,

Signature with name and  
Designation of the competitor.  
( Authorized Seal )

Date:



LEFT SIDE ELEVATION(TYPICAL)



REAR ELEVATION

**ENGINEERING SERVICE DIVISION**

**NOTES:**

1. ALL DIMENSIONS ARE IN METERS AND SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.
2. ALL DIMENSIONS TO FACE UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS TO FACE UNLESS OTHERWISE SPECIFIED.
4. ALL DIMENSIONS TO FACE UNLESS OTHERWISE SPECIFIED.
5. ALL DIMENSIONS TO FACE UNLESS OTHERWISE SPECIFIED.

**STRUCTURAL PARTICULARS**

SEE ATTACHED DRAWINGS

**PROJECT TITLE:-**

**PROPOSED CONSTRUCTION  
TYPE-B1 HOUSING  
AT IHST PALAMPUR**

Proj. No.:

Sheet No.:

Job No.:

EXHIBIT

Scale 1:50

Scale 1:50

Scale 1:50

Scale 1:50

Scale 1:50

Scale 1:50

Scale 1:50

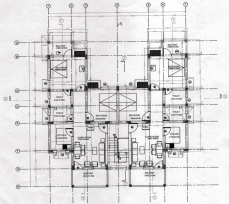
*[Handwritten Signature]*

S. S. Sankar

Structural Engineer

Sheet 001





FIRST FLOOR PLAN

ENGINEERING SERVICE DIVISION

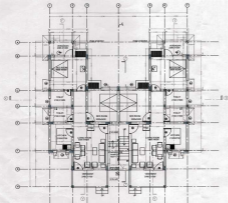
- NOTES
- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL BUILDING CODE OF THE PHILIPPINES.
  - 2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE OF THE PHILIPPINES.
  - 3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL MECHANICAL CODE OF THE PHILIPPINES.
  - 4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES.

NO. 1 (PROJECT LEGAL DIVISION) - 0-0-0-0

FOR CONTRACT PURPOSE ONLY

PROJECT TITLE:-  
**PROPOSED CONSTRUCTION  
 TYPE-II HOUSING  
 AT NBT PALAMPUR**

Proj. No. 1 Job No. 1 Date: 1/1/18	Sheet No. 1 <b>FIRST FLOOR PLAN</b>
Subdivision: Part: 1/1	
P.S. 1/1/18	P.S. 1/1/18



GROUND FLOOR PLAN



ENGINEERING SERVICE DIVISION

NOTES

- 1. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN METERS AND MILLIMETERS.
- 2. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE FINISHES AND MATERIALS.
- 3. REFER TO THE STRUCTURAL DRAWINGS FOR THE FOUNDATION AND CONCRETE DETAILS.
- 4. REFER TO THE MECHANICAL DRAWINGS FOR THE HVAC AND ELECTRICAL DETAILS.
- 5. REFER TO THE CIVIL DRAWINGS FOR THE SITE AND UTILITY DETAILS.

FOR STRUCTURAL DETAIL ONLY  
FOR ESTIMATE PURPOSE ONLY

PROJECT TITLE:  
PROPOSED CONSTRUCTION  
TYPE - BI HOUSING  
AT BHET PALAMPUR

Proj. No.:	Sheet No.:
Job No.:	GROUND FLOOR PLAN
Scale: 1:100	

Prepared by:  
Tech. Staff

Checked by:  
S. S. Sathya  
S. S.

Drawn by:  
S. S. Sathya

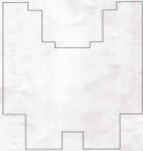
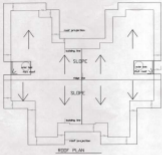
Checked by:  
S. S. Sathya  
S. S.

Director (EC)

ENGINEERING SERVICE DIVISION

NOTE:

1. ALL DIMENSIONS ARE GIVEN IN METERS, UNLESS OTHERWISE SPECIFIED.
2. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF THE PHILIPPINES AND ALL CITY, STATE AND LOCAL ORDINANCES AND REGULATIONS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.



ENCLOSURE SHEET 1 OF 2

FOR OFFICIAL USE ONLY



FRONT ELEVATION

PROJECT TITLE:  
**PROPOSED CONSTRUCTION  
 TYPE-II HOUSING  
 AT HGT PALANPUB**

Eng. No. 1  
 Job No.  
 Scale: 1:100

Sheet No.  
**0001/0001**

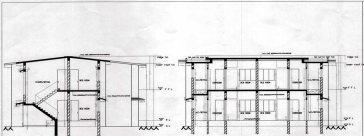
Approved:  
 (Signature)

(Signature)

Engr. **Edgar**  
 R. C.

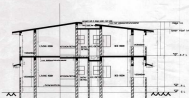
Engr. **S. S. Manera**  
 R. C.

Sheet 1 of 2



SECTION THRU Z-Z

SECTION THRU X-X



SECTION THRU Y-Y

ENGINEERING SERVICE DIVISION

NOTES

- 1. CONSTRUCTION OF WORK TO BE DONE, TO BE ACCORDING TO THE DRAWING.
- 2. CONSTRUCTION OF WORK TO BE DONE, TO BE ACCORDING TO THE DRAWING.
- 3. CONSTRUCTION OF WORK TO BE DONE, TO BE ACCORDING TO THE DRAWING.
- 4. CONSTRUCTION OF WORK TO BE DONE, TO BE ACCORDING TO THE DRAWING.

FOR ALL STRUCTURAL DETAILS ONLY

FOR ESTIMATE PURPOSE ONLY

PROJECT FILE--  
**PROPOSED CONSTRUCTION**  
**TYPE-BL HOUSING**  
**AT HBT PALAMPUR**

Eng. No. 1 Date 18/08/2008 Scale 1:100 Structural Tech. Ass.	Sheet No. 02 02008-0008-Plan SECTION
 S. S. Baburao Sr. Engr.	 S. S. Baburao Sr. Engr.
	(Inspector) (CC)

ENGINEERING SERVICE DIVISION

NOTE

- 1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- 2. THE PROPOSED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY ENGINEERING DEPARTMENT'S STANDARDS AND SPECIFICATIONS.
- 3. THE PROPOSED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY ENGINEERING DEPARTMENT'S STANDARDS AND SPECIFICATIONS.
- 4. THE PROPOSED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY ENGINEERING DEPARTMENT'S STANDARDS AND SPECIFICATIONS.



REAR ELEVATION

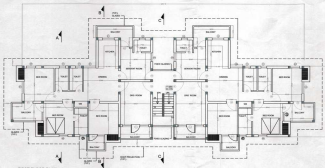


FRONT ELEVATION

FOR OFFICIAL USE ONLY

PROJECT TITLE:  
**PROPOSED CONSTRUCTION  
 TYPE-IV HOUSING  
 AT IHDT PALAMPUR**

Proj. No. 04	Sheet No.
Job No.	EXXAS030
Scale 1:100	
Prepared by: S. K. Saha	
Checked by: S. K. Saha	
Appr. Authority S. K. Saha	Director (EE)



FIRST FLOOR PLAN

SCHEDULE OF DOOR & WINDOW

D1	-	1050 X 2100
D2	-	1000 X 2100
D3	-	800 X 2100
D4	-	750 X 2100
W1	-	1200 X 1200
W2	-	800 X 1200
DW1	-	2700 X 2100
DW2	-	1900 X 2100
DW3	-	1650 X 2100
V	-	800 X 600

ENGINEERING SERVICE DIVISION

NOTE

1. TO BE CONSIDERED AS PART OF THE WORK OF THE ENGINEERING DIVISION.
2. TO BE CONSIDERED AS PART OF THE WORK OF THE ENGINEERING DIVISION.
3. TO BE CONSIDERED AS PART OF THE WORK OF THE ENGINEERING DIVISION.
4. TO BE CONSIDERED AS PART OF THE WORK OF THE ENGINEERING DIVISION.

[FOR OFFICIAL USE ONLY]

PROJECT TITLE:-  
**PROPOSED CONSTRUCTION  
 TYPE-IV HOUSING  
 AT IRET PALAMPUR**

Proj. No. 02  
 Job No. 1001 FLOOR PLAN  
 Scale: 1/100

Author/Checked/Drawn/Scale

10/10/10  
 1/10

Sheet No.  
 1001 FLOOR PLAN

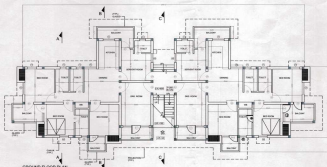
Author/Checked/Drawn/Scale

10/10/10  
 1/10

Author/Checked/Drawn/Scale

10/10/10  
 1/10

Checker (S)



GROUND FLOOR PLAN



UN-AREA, 1230 SQM

STAIRCASE AREA, 150 SQM

RECREATION AREA, 100 SQM

PERFORMER POLYMER PRODUCTION AREA, 100 SQM

SCHEDULE OF DOOR & WINDOW

D1	-	1000 X 2100
D2	-	1000 X 2100
D3	-	800 X 2100
D4	-	750 X 2100
W1	-	1200 X 1200
W2	-	800 X 1200
DW1	-	2700 X 2100
DW1	-	1800 X 2100
DW1	-	1500 X 2100
V	-	800 X 800

ENGINEERING SERVICE DIVISION

- CONSULTANT'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE STRUCTURE AND MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS.
- THE CONSULTANT IS NOT RESPONSIBLE FOR THE DESIGN OF THE FOUNDATION, SOILS, OR OTHER GEOTECHNICAL ASPECTS.
- THE CONSULTANT IS NOT RESPONSIBLE FOR THE DESIGN OF THE INTERIOR FINISHES, FURNITURE, OR OTHER NON-STRUCTURAL ELEMENTS.
- THE CONSULTANT IS NOT RESPONSIBLE FOR THE DESIGN OF THE EXTERIOR FINISHES, LANDSCAPING, OR OTHER NON-STRUCTURAL ELEMENTS.

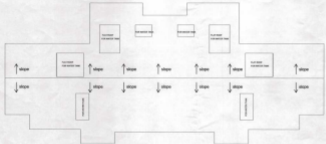
~~FOR OFFICIAL USE ONLY~~

PROJECT TITLE:-  
**PROPOSED CONSTRUCTION  
 LIFE-IV HOUSING  
 AT IHRP PALAMPUR**

Proj. No. 01	Sheet No.	01
Scale: 1/100	Sheet Title	GROUND FLOOR PLAN
Author: [Signature]	Checked: [Signature]	
Drawn: [Signature]	Reviewed: [Signature]	
Scale: 1/100	Checked: [Signature]	

**ENGINEERING SERVICE DIVISION**

- NOTE:**
1. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
  2. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
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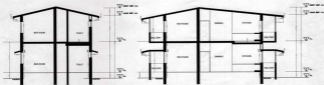
**ROOF PLAN**

**(FOR CLIENT PURPOSE ONLY)**

**PROJECT TITLE:-  
PROPOSED CONSTRUCTION  
TYPE-V HOUSING  
AT HRT PALAMPUR**

Dra. No:00 Job No. Scale: 1:100 Architectural Technician	Sheet Title <b>ROOF PLAN</b>	
No. of Sheets: 01 of 01	Date: 10/10/2023 Location:	Director (HRT)





SECTION-AA

SECTION-BB



SECTION-CC

ENGINEERING SERVICE DIVISION

NOTES

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2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.

~~FOR ESTIMATE PURPOSE ONLY~~

PROJECT TITLE:-  
**PROPOSED CONSTRUCTION  
 TYPE-II HOUSING  
 AT BHEE PALAMPUR**

Proj. No. 01/2023	Sheet No. SECTION
Scale 1/100	
Authorisation Tech. Asst.	
 Tech. Asst. En. 01	 Director (CC)

**CSIR**

CONCRETE RESEARCH INSTITUTE



FRONT ELEVATION



SIDE ELEVATION(TYPICAL)

**NOTES & REFERENCES:**

- 1) ALL DIMENSIONS SHALL BE IN METERS UNLESS OTHERWISE SPECIFIED.
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- 3) ALL DIMENSIONS SHALL BE IN METERS UNLESS OTHERWISE SPECIFIED.
- 4) ALL DIMENSIONS SHALL BE IN METERS UNLESS OTHERWISE SPECIFIED.
- 5) ALL DIMENSIONS SHALL BE IN METERS UNLESS OTHERWISE SPECIFIED.
- 6) ALL DIMENSIONS SHALL BE IN METERS UNLESS OTHERWISE SPECIFIED.
- 7) ALL DIMENSIONS SHALL BE IN METERS UNLESS OTHERWISE SPECIFIED.
- 8) ALL DIMENSIONS SHALL BE IN METERS UNLESS OTHERWISE SPECIFIED.
- 9) ALL DIMENSIONS SHALL BE IN METERS UNLESS OTHERWISE SPECIFIED.
- 10) ALL DIMENSIONS SHALL BE IN METERS UNLESS OTHERWISE SPECIFIED.

**PROJECT DETAILS: EXTERNAL DWG**

(SEE EXTERNAL DRAWING SHEET)

**PROJECT TITLE:-**  
**PROPOSED CONSTRUCTION**  
**(TYPE-Y HOUSING)**  
**AT UNIT, PALANGPUR**

No. 10/24 Job No. Date: 10/10/2018	Sheet Title SECTION
Prepared by: Checked by: Date: 10/10/2018	Drawing No. 10/10/2018
Scale: 1:100 Date: 10/10/2018	Project No. 10/10/2018

Sheet No. (10)

# CSIR

CONSULTING SERVICES DIVISION

### NOTES & REFERENCES:

1. The construction of the building shall be in accordance with the approved drawings and specifications.

2. The drawings are to be used as a guide only and shall not be taken as a contract document.

3. The drawings are to be used as a guide only and shall not be taken as a contract document.

4. The drawings are to be used as a guide only and shall not be taken as a contract document.

5. The drawings are to be used as a guide only and shall not be taken as a contract document.

6. The drawings are to be used as a guide only and shall not be taken as a contract document.

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10. The drawings are to be used as a guide only and shall not be taken as a contract document.

11. The drawings are to be used as a guide only and shall not be taken as a contract document.

12. The drawings are to be used as a guide only and shall not be taken as a contract document.

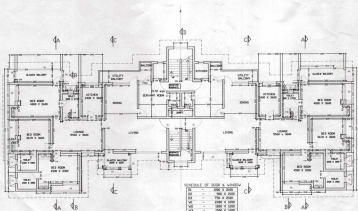
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15. The drawings are to be used as a guide only and shall not be taken as a contract document.

16. The drawings are to be used as a guide only and shall not be taken as a contract document.

17. The drawings are to be used as a guide only and shall not be taken as a contract document.



FIRST FLOOR PLAN

### SCHEDULE OF DOOR & WINDOW

W1	1000 x 2000
W2	1000 x 2000
W3	1000 x 2000
W4	1000 x 2000
W5	1000 x 2000
W6	1000 x 2000
W7	1000 x 2000
W8	1000 x 2000
W9	1000 x 2000
W10	1000 x 2000
W11	1000 x 2000
W12	1000 x 2000
W13	1000 x 2000
W14	1000 x 2000
W15	1000 x 2000
W16	1000 x 2000
W17	1000 x 2000
W18	1000 x 2000
W19	1000 x 2000
W20	1000 x 2000
W21	1000 x 2000
W22	1000 x 2000
W23	1000 x 2000
W24	1000 x 2000
W25	1000 x 2000
W26	1000 x 2000
W27	1000 x 2000
W28	1000 x 2000
W29	1000 x 2000
W30	1000 x 2000
W31	1000 x 2000
W32	1000 x 2000
W33	1000 x 2000
W34	1000 x 2000
W35	1000 x 2000
W36	1000 x 2000
W37	1000 x 2000
W38	1000 x 2000
W39	1000 x 2000
W40	1000 x 2000
W41	1000 x 2000
W42	1000 x 2000
W43	1000 x 2000
W44	1000 x 2000
W45	1000 x 2000
W46	1000 x 2000
W47	1000 x 2000
W48	1000 x 2000
W49	1000 x 2000
W50	1000 x 2000
W51	1000 x 2000
W52	1000 x 2000
W53	1000 x 2000
W54	1000 x 2000
W55	1000 x 2000
W56	1000 x 2000
W57	1000 x 2000
W58	1000 x 2000
W59	1000 x 2000
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W61	1000 x 2000
W62	1000 x 2000
W63	1000 x 2000
W64	1000 x 2000
W65	1000 x 2000
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W72	1000 x 2000
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W83	1000 x 2000
W84	1000 x 2000
W85	1000 x 2000
W86	1000 x 2000
W87	1000 x 2000
W88	1000 x 2000
W89	1000 x 2000
W90	1000 x 2000
W91	1000 x 2000
W92	1000 x 2000
W93	1000 x 2000
W94	1000 x 2000
W95	1000 x 2000
W96	1000 x 2000
W97	1000 x 2000
W98	1000 x 2000
W99	1000 x 2000
W100	1000 x 2000

PROJECT TITLE:-

PROPOSED CONSTRUCTION

TYPE-V HOUSING

AT DIST. PALANPUR

Scale: 1:100

Author: [Signature]

Date: [Date]

# C51R

INDUSTRIAL BUILDING CONSTRUCTION

## WORDS & REFERENCES

- ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN METERS AND ARE INDICATED BY DIMENSION LINES OR BY DIMENSIONAL CALL-OUTS.
- FOR DIMENSIONS TO BE SHOWN IN CONSTRUCTION OF BUILDING, DIMENSIONS SHALL BE SHOWN IN CONSTRUCTION DRAWINGS.
- PROVISIONS OF THE CONTRACT OF THE JOB AND THE SPECIFICATIONS SHALL APPLY TO THIS DRAWING.
- CONTRACT SHALL INCLUDE SPECIFICATIONS, CONDITIONS OF CONTRACT AND BILL OF MATERIALS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
- ALL DIMENSIONS TO BE SHOWN IN CONSTRUCTION OF BUILDING SHALL BE SHOWN IN CONSTRUCTION DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

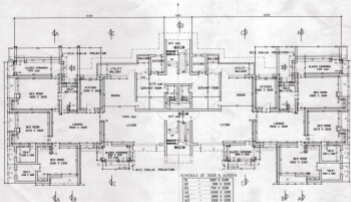
Fig. C-51R - Industrial Building  
 (SEE DRAWING NUMBER C-51R)

PROJECT TITLE -  
**PROPOSED CONSTRUCTION  
 TYPE OF BUILDING  
 AT BENT PALANPUR**

Proj. No. 24	Sheet Title
Job No.	GROUND FLOOR PLAN
Scale 1:50	

Prepared by	Checked by
Drawn by	Reviewed by

Project Engineer	Project Engineer
Scale 1:50	Scale 1:50



GROUND FLOOR PLAN

### SCHEDULE OF ROOMS & VOLUMES

R1	10.00 x 10.00
R2	10.00 x 10.00
R3	10.00 x 10.00
R4	10.00 x 10.00
R5	10.00 x 10.00
R6	10.00 x 10.00
R7	10.00 x 10.00
R8	10.00 x 10.00
R9	10.00 x 10.00
R10	10.00 x 10.00
R11	10.00 x 10.00
R12	10.00 x 10.00
R13	10.00 x 10.00
R14	10.00 x 10.00
R15	10.00 x 10.00
R16	10.00 x 10.00
R17	10.00 x 10.00
R18	10.00 x 10.00
R19	10.00 x 10.00
R20	10.00 x 10.00
R21	10.00 x 10.00
R22	10.00 x 10.00
R23	10.00 x 10.00
R24	10.00 x 10.00
R25	10.00 x 10.00
R26	10.00 x 10.00
R27	10.00 x 10.00
R28	10.00 x 10.00
R29	10.00 x 10.00
R30	10.00 x 10.00
R31	10.00 x 10.00
R32	10.00 x 10.00
R33	10.00 x 10.00
R34	10.00 x 10.00
R35	10.00 x 10.00
R36	10.00 x 10.00
R37	10.00 x 10.00
R38	10.00 x 10.00
R39	10.00 x 10.00
R40	10.00 x 10.00
R41	10.00 x 10.00
R42	10.00 x 10.00
R43	10.00 x 10.00
R44	10.00 x 10.00
R45	10.00 x 10.00
R46	10.00 x 10.00
R47	10.00 x 10.00
R48	10.00 x 10.00
R49	10.00 x 10.00
R50	10.00 x 10.00

**CSIR**

COUNCIL FOR SCIENCE &amp; INDUSTRY

**NOTES & REFERENCES**

- 1) All dimensions shall be indicated on all drawings unless otherwise stated on the drawings themselves.
- 2) The drawing is to be read in accordance to the following standards unless otherwise specified.
- 3) Indications in the drawings of the size and type of all items shall be indicated on the drawings.
- 4) Material shall be specified on the drawings as follows:
  - for steel in accordance with the relevant standard
  - for concrete in accordance with the relevant standard
  - for masonry in accordance with the relevant standard
  - for timber in accordance with the relevant standard
  - for glass in accordance with the relevant standard
  - for other materials in accordance with the relevant standard
- 5) The construction of the drawings shall be in accordance with the relevant standards.

**SEE STRUCTURAL DETAILS ON**

SEE STRUCTURAL DETAILS ON
---------------------------



REAR ELEVATION

PROJECT TITLE:

**PROPOSED CONSTRUCTION  
THRE-Y HOUSING  
AT IGBT, PALMURUP**

By: **WILL**Date: **10/11/2011**

Checked by:

Authorised:

Scale: **1:100**Date: **10/11/2011**By: **WILL**Date: **10/11/2011**

Checked by:

Authorised:

Scale: **1:100**Date: **10/11/2011**By: **WILL**Date: **10/11/2011**

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Authorised:

Scale: **1:100**Date: **10/11/2011**By: **WILL**Date: **10/11/2011**

# CSIR

Construction Advisory Services

## NOTES & REFERENCES

1. Construction shall be in accordance with all applicable codes and standards and shall be subject to the review of the respective service authorities.

2. Other drawings in this project is indicative of general construction, installation of relevant systems.

3. The drawing is the property of CSIR and shall not be used or copied or used in any way without CSIR's permission.

4. All work shall comply with the applicable codes and standards and shall be subject to the review of the respective service authorities.

5. The drawing is the property of CSIR and shall not be used or copied or used in any way without CSIR's permission.

6. The drawing is the property of CSIR and shall not be used or copied or used in any way without CSIR's permission.

7. The drawing is the property of CSIR and shall not be used or copied or used in any way without CSIR's permission.

8. The drawing is the property of CSIR and shall not be used or copied or used in any way without CSIR's permission.

9. The drawing is the property of CSIR and shall not be used or copied or used in any way without CSIR's permission.

## DESIGNATED RESPONSIBLE PARTY

CSIR - ARCHITECT, PROJECT - 0000

## PROJECT TITLE

PROPOSED CONSTRUCTION  
TYPE-V HOUSING  
AT IRET PALAMPUR

Proj. No: 001

Job No.

Sheet: 1/100

Drawn By:

BOO-SLAR

Scale: 1/100

Date: 01/01/2023

By: BOO-SLAR

CSIR

CSIR

CSIR

Checked By:

BOO-SLAR

Date: 01/01/2023

By: BOO-SLAR

CSIR

CSIR

CSIR

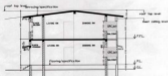
FLOOR PLAN



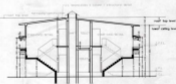
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

CSIR

INDIAN CEMENT INDUSTRIES

**SCOPE REFERENCES:**

- 1. All dimensions shown unless to the face of the construction shall be subject to the nature of the construction materials.
- 2. The drawings shall be made in accordance to ISIRI standards, including all relevant clauses.
- 3. The contract is for the design of the work and the construction shall be in accordance to the ISIRI standards.
- 4. The contract is for the design of the work and the construction shall be in accordance to the ISIRI standards.
- 5. The contract is for the design of the work and the construction shall be in accordance to the ISIRI standards.
- 6. The contract is for the design of the work and the construction shall be in accordance to the ISIRI standards.
- 7. The contract is for the design of the work and the construction shall be in accordance to the ISIRI standards.
- 8. The contract is for the design of the work and the construction shall be in accordance to the ISIRI standards.
- 9. The contract is for the design of the work and the construction shall be in accordance to the ISIRI standards.
- 10. The contract is for the design of the work and the construction shall be in accordance to the ISIRI standards.

**STRUCTURAL DETAILING**

FOR STRUCTURAL DETAILING

**PROJECT TITLE -  
PROPOSED CONSTRUCTION  
TYPE-V HOUSING  
AT INDI PALAMPUR**

Fig. No.	Sheet No.
1/1	1/1
Scale	1:100
Author	Checked
Drawn	Reviewed
Approved	Structural Eng.