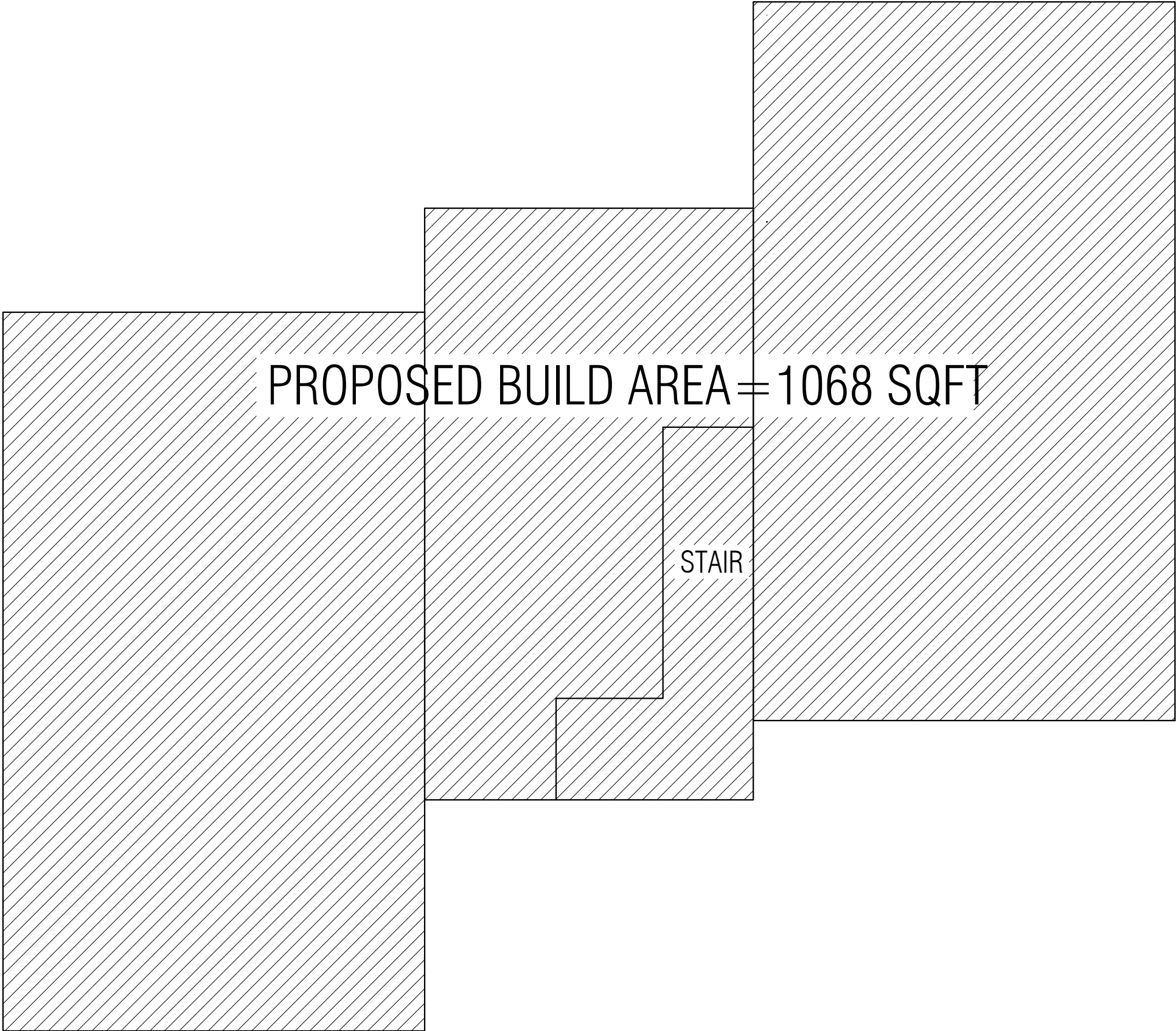


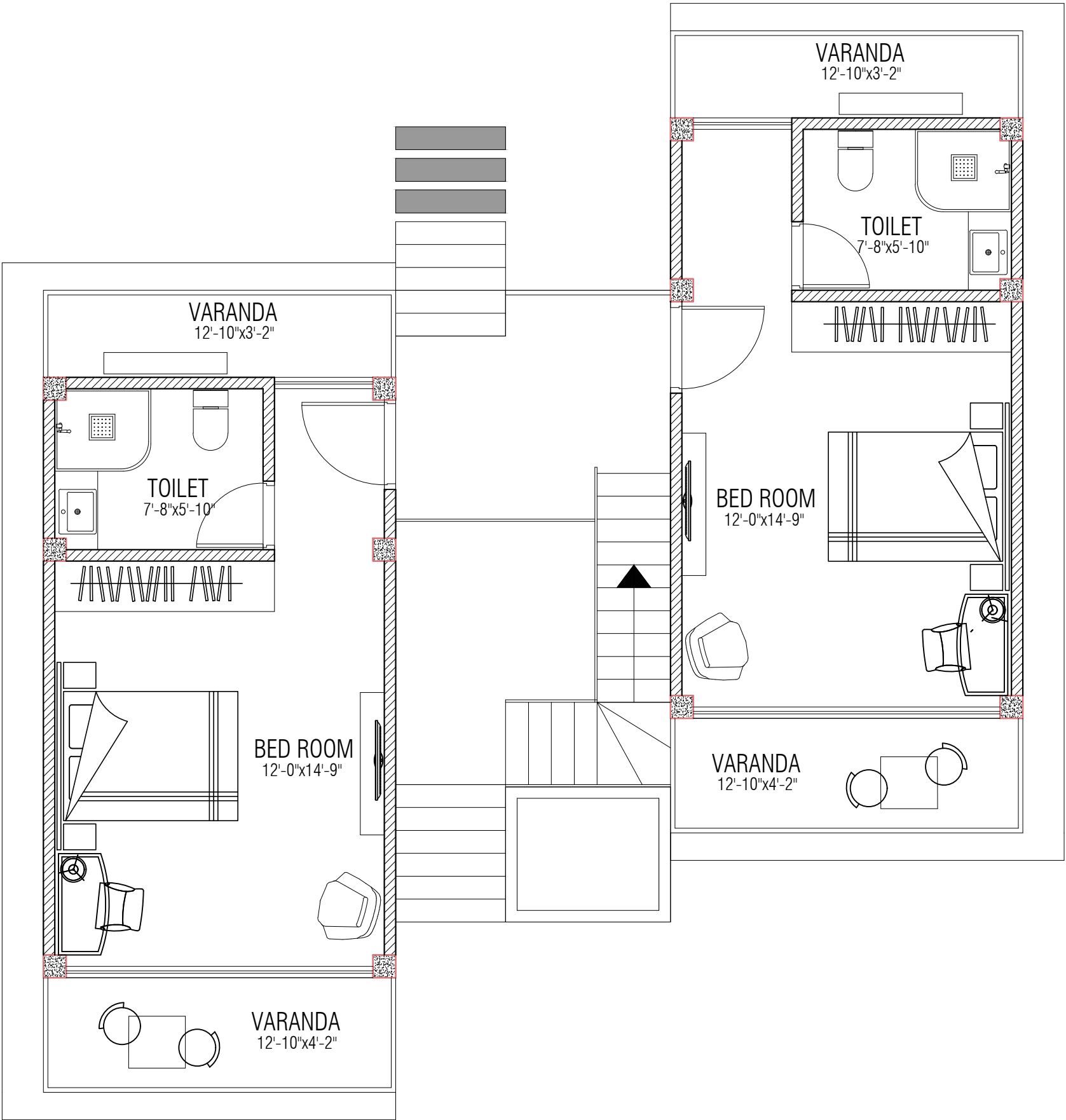
# BEACH PARADISE HOTEL & RESTAURANT

## (COTTAGE ARCHITECTURAL DRAWING)



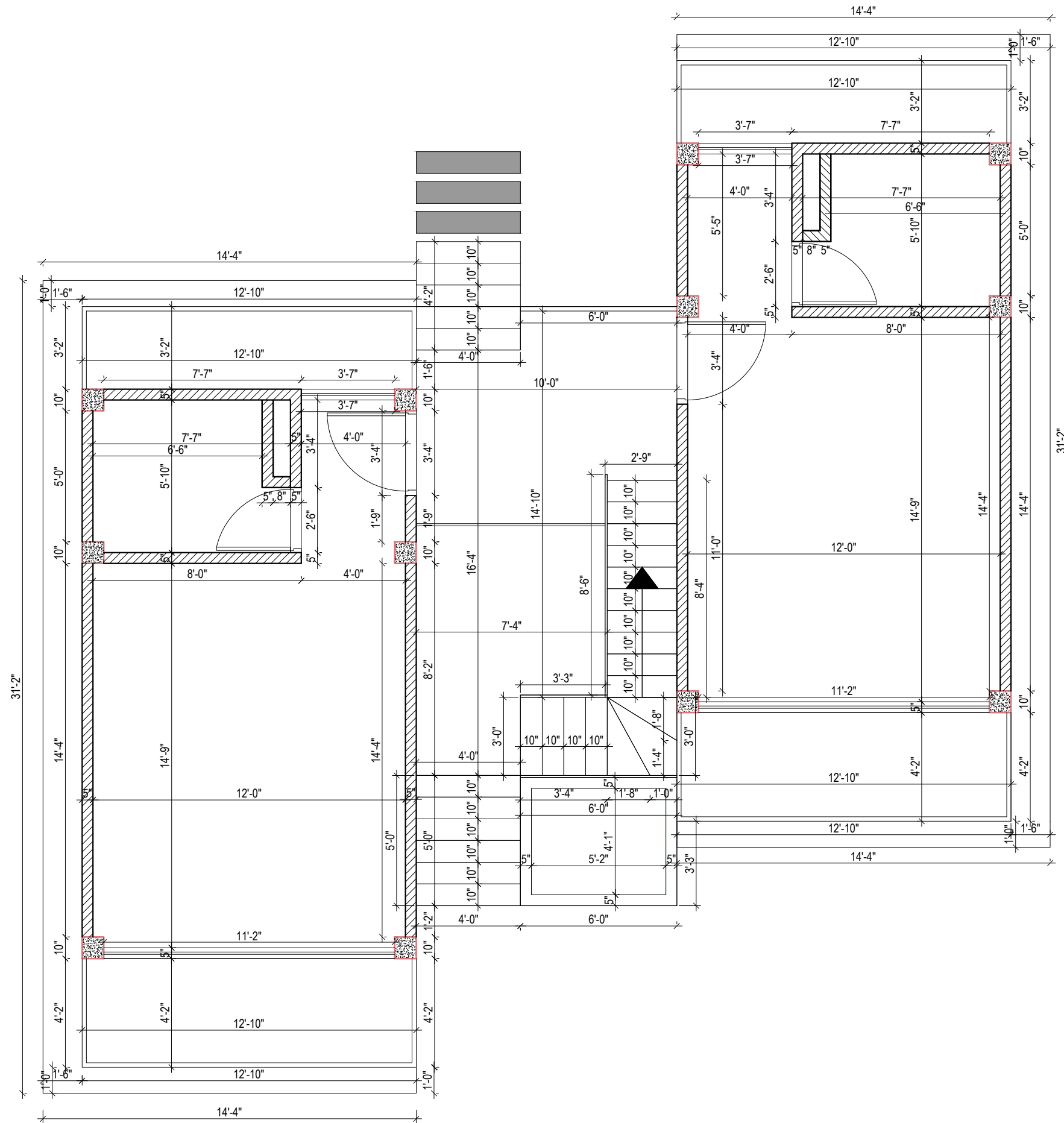
COTTAGE LAYOUT PLAN

|  |
|--|
| Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.   |
| PROPOSED 02 STORIED COTTAGE BUILDING<br>INANI,COX'S BAZAR .  |
| CLIENT :<br>BEACH PARADISE HOTEL & RESTAURANT  |
| DRAWING TITLE :<br>ARCHITECTURAL DRAWING   |
| DRAWING BY :<br><br>Saif Uddin Hiron<br>Architect (DUET)<br><br>Kaniz Sufia Shimul<br>Jr.Architect   |
| <div> <b>KANON</b><br/>ARCHITECTS</div> <div>ADDRESS : 1ST FLOOR,HOUSE NO-03,<br/>BLOCK-L,ROAD-2/2,BANANI<br/>DHAKA -1213, BANGLADESH.<br/>CELL : +8801811791189.<br/>Email : kanonarchitects01@gmail.com<br/>Web : www.kanonarchbd.com</div> |
| ENGINEER :      SIGNATURE :<br><br>Md. Solaiman<br>Civil Engineer<br><br>Anik Paul<br>Civil Engineer   |
| DRAWING NO :<br>2-STORIED COTTAGE BUILDING.  |
| SHEET NO :   |
| SCALE :    NTS   |
| DATE :    JAN ,2025  |



COTTAGE FURNITURE LAYOUT PLAN

|   |             |
|---|-------------|
| Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.  |             |
| PROPOSED 02 STORIED COTTAGE BUILDING<br>INANI, COX'S BAZAR .  |             |
| CLIENT :<br>BEACH PARADISE HOTEL & RESTAURANT   |             |
| DRAWING TITLE :<br>ARCHITECTURAL DRAWING  |             |
| DRAWING BY :<br><br>Saif Uddin Hiron<br>Architect (DUET)<br><br>Kaniz Sufia Shimul<br>Jr. Architect   |             |
| <div><div><div>KANON</div><div>ARCHITECTS</div></div><div>ADDRESS : 1ST FLOOR,HOUSE NO-03,<br/>BLOCK-L,ROAD-2/2,BANANI<br/>DHAKA -1213, BANGLADESH.<br/>CELL : +8801811791189.<br/>Email : kanonarchitects01@gmail.com<br/>Web : www.kanonarchbd.com</div></div> |             |
| ENGINEER :<br><br>Md. Solaiman<br>Civil Engineer<br><br>Anik Paul<br>Civil Engineer   | SIGNATURE : |
| DRAWING NO :<br>2-STORIED COTTAGE BUILDING.   |             |
| SHEET NO :  |             |
| SCALE : NTS   |             |
| DATE : JAN ,2025  |             |



GROUND FLOOR COTTAGE WORKING DRAWING

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE :  
ARCHITECTURAL DRAWING

DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kanzif Sufia Shimul  
Jr.Architect



**KANON**  
ARCHITECTS

ADDRESS : 1ST FLOOR,HOUSE NO-03,  
BLOCK-L,ROAD-2/2,BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

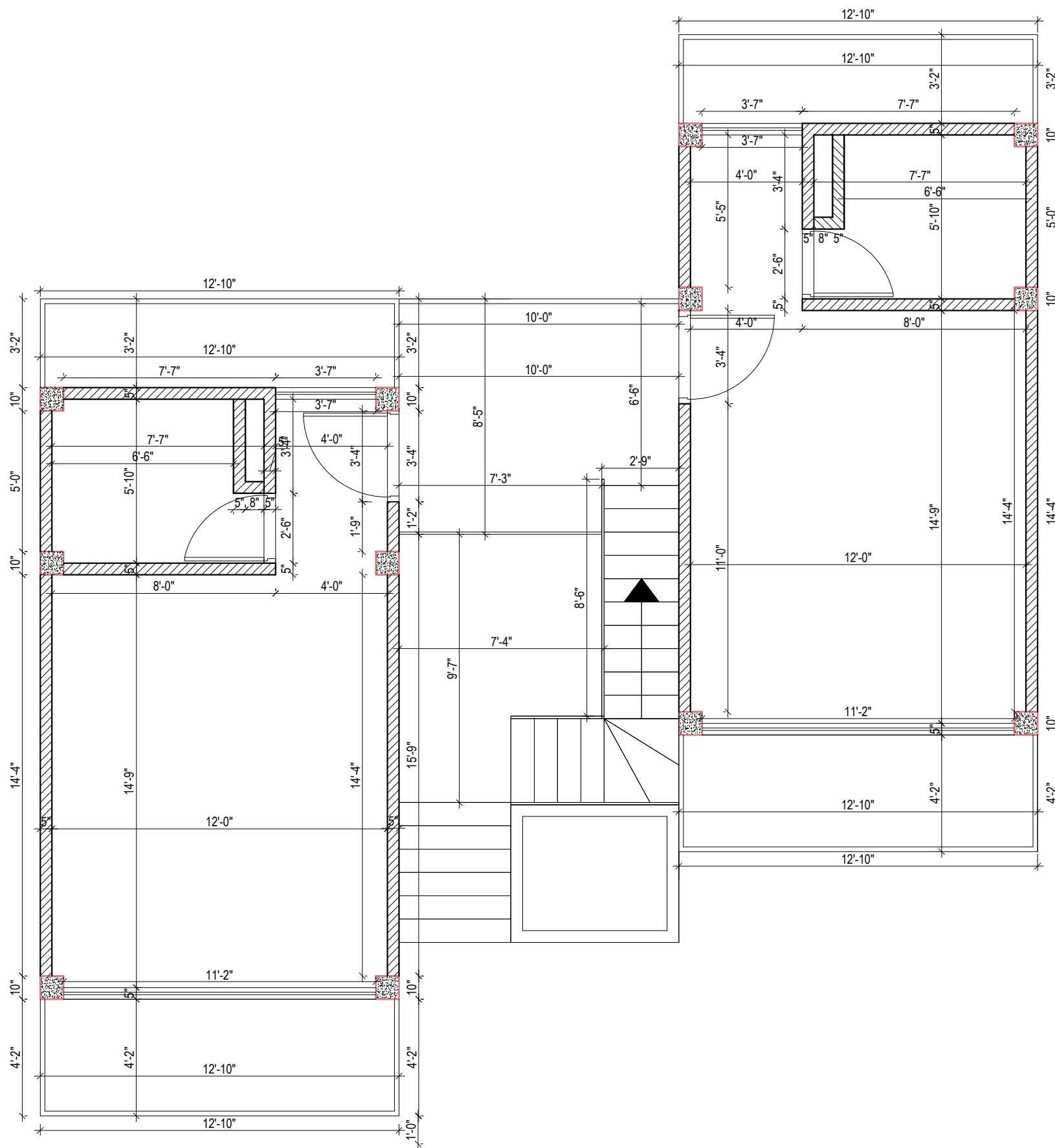
|                                |             |
|--------------------------------|-------------|
| ENGINEER :                     | SIGNATURE : |
| Md. Solaiman<br>Civil Engineer |             |
| Anik Paul<br>Civil Engineer    |             |

DRAWING NO :  
2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN ,2025



1ST FLOOR COTTAGE WORKING DRAWING

|   |             |
|---|-------------|
| Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.  |             |
| PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .  |             |
| CLIENT :<br>BEACH PARADISE HOTEL & RESTAURANT   |             |
| DRAWING TITLE :<br>ARCHITECTURAL DRAWING  |             |
| DRAWING BY :<br><br>Saif Uddin Hiron<br>Architect (DUET)<br><br>Kaniz Sufia Shimul<br>Jr.Architect  |             |
| <div><div>ADDRESS : 1ST FLOOR,HOUSE NO-03,<br/>BLOCK-L,ROAD-2/2,BANANI<br/>DHAKA -1213, BANGLADESH.<br/>CELL : +8801811791189.<br/>Email : kanonarchitects01@gmail.com<br/>Web : www.kanonarchbd.com</div></div> |             |
| ENGINEER :  | SIGNATURE : |
| Md. Solaiman<br>Civil Engineer  |             |
| Anik Paul<br>Civil Engineer   |             |
| DRAWING NO :<br>2-STORIED COTTAGE BUILDING.   |             |
| SHEET NO :  |             |
| SCALE : NTS   |             |
| DATE : JAN ,2025  |             |

# BEACH PARADISE HOTEL & RESTAURANT

## (COTTAGE STRUCTURAL DRAWING)

1. GENERAL :

- a) Follow BNBC/93 for specifications/structural requirements not mentioned in the drawings or in this note sheet.
- b) Any details not shown in the drawing should be done according to ACI Detailing manual-2005.
- c) Basic wind speed=130km/hr
- d) Seismic zone-2.
- e) Other loads as per BNBC 1993.

2. FOUNDATION :

- a) The building has been designed for a 2- storied MOSJID building
- b) Foundation type - Footing Foundation, based on bearing capacity as per soil report.
- c) Any loose pocket found in foundation bed is to be filled up with compacted sand of f.m. 2.5 min.
- d) Depth of foundation as per drawing.

3. CONCRETE :

- a) TYPE: Concrete compressive strength for all concreting work
  - f<sub>c</sub> = minimum 3,500 psi (Foundation,)
  - f<sub>c</sub> = minimum 3,500 psi ( Column)
  - f<sub>c</sub> = minimum 3,000 psi (Slab, Beam)
- b) MINIMUM CYLINDER STRENGTH : Based on cylinder test of diameter D=4" & height = 8"
  - i) 28 days strength = as specified in 3(a)
  - ii) 7 days strength =65% of the 28 days strength.
- c) CURING OF R.C.C WORK :
  - i) Curing time minimum 28 days .
  - ii) Method of curing :
    - \* Horizontal surface- By ponding of water.
    - \* Other surface-By wrapping moist jute fabric and sprinkling water by hose pipe frequently.

4. CEMENT :

- Ordinary portrand cement type-1 conforming to BDS 232: 1974/ASTM C150.

5. CONCRETE AGGREGATE :

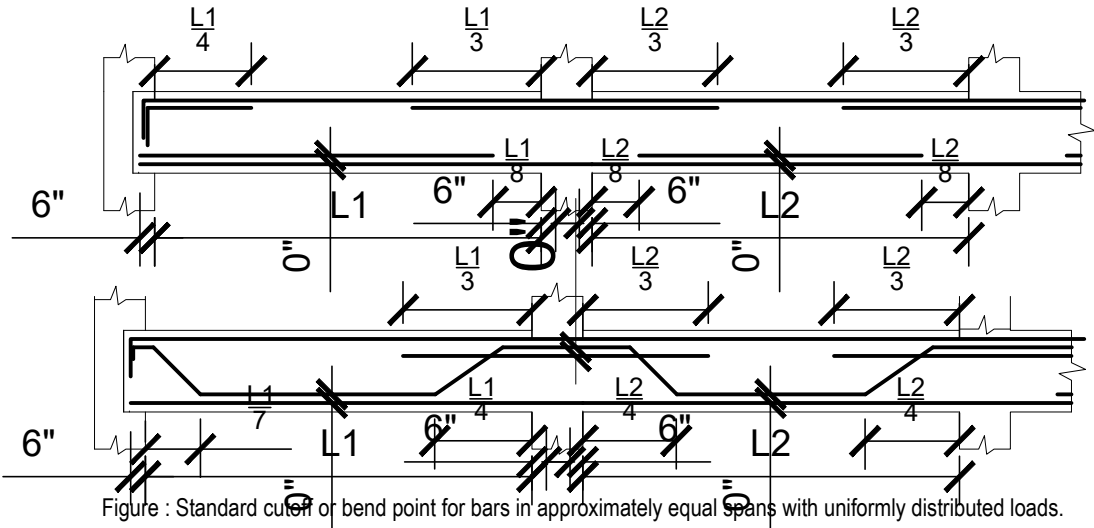
- a) FINE AGGREGATE : Sand of F.M 2.50 (MIN)
- b) COARSE AGGREGATES :
  - i) 3/4 inch down well graded Stone chips to be used as coarse aggregate in Foundation & Column (1:1.5:3),
  - ii) 3/4 inch down well graded Stone chips to be used as coarse aggregate in slab, beam, stair, etc (1:2:3½)

6. WATER :

- Potable water to be used in concrete mix.

7. STEEL REINFORCEMENT :

- a) All reinforcing bars having f<sub>y</sub>=72,500 psi
- b) The following tests shall be performed for reinforcing bars on randomly collected samples as per ASTM A615M and ASTM A370
  - i) Weight (lb/ft),
  - ii) Tensile strength and
  - iii) Percent elongation



8. LAP LENGTH :

Unless otherwise mentioned in the drawings lap length of bars shall be:

| BAR DIA (mm) | TENSION (INCH) | COMPRESSION (INCH) |
|--------------|----------------|--------------------|
| 10ø          | 15             | 12                 |
| 12ø          | 18             | 15                 |
| 16ø          | 25             | 18                 |
| 20ø          | 30             | 24                 |
| 22ø          | 33             | 25                 |
| 25ø          | 40             | 30                 |

COLUMN LAPS SHALL BE TENSION LAPS

9. HOOKS OF REBAR :

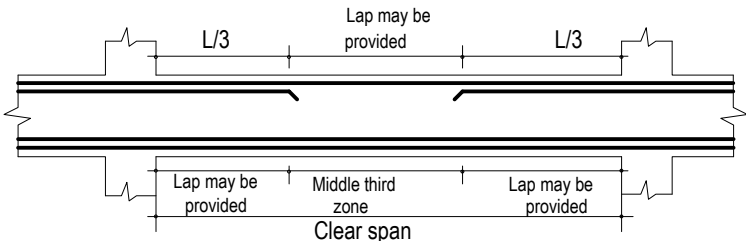
For all re-bar : Provide 90°standard hooks (L-Bent) if not shown in the drawings.

10. SPACER BARS :

To support second layer bars in beams/slab , use 1" spacer bars @ 25" c/c where required.

12. LAP LOCATION :

- a) For beam bottom bar , lap not to be provided at middle third zone of the span (as shown in sketch).
- b) For beam top bar , lap may be provided at middle third zone of the span.
- c) Not more than 50% of the bars shall be spliced at one place.
- d) Lap splices are to be confined by hoops with maximum spacing or pitch of d/4 or 4" where d is the effective depth of the beam.



13. DEVELOPMENT LENGTH :

All beam and slab rebars should be extended into the support up to development length.

14. ADMIXTURE :

Water proofing admixture , plasticiser and jointing admixture may be used if required by design and approved by the consultant

15. WATER STOPPER :

300mm wide pvc water stopper to be used at all construction joints below ground in mat , shear wall , water tank wall E.T.C.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT : BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE : STRUCTURAL DRAWING

DRAWING BY :

Saif Uddin Hiron Architect (DUET)

Kaniz Sufia Shimul Jr.Architect

**KANON** ARCHITECTS  
ADDRESS : 1ST FLOOR,HOUSE NO-03, BLOCK-L,ROAD-2/2,BANANI DHAKA -1213, BANGLADESH. CELL : +8801811791189. Email : kanonarchitects01@gmail.com Web : www.kanonarchbd.com

ENGINEER : SIGNATURE :

Md. Solaiman Civil Engineer

Anik Paul Civil Engineer

DRAWING NO : 2-STORIED COTTAGE BUILDING.

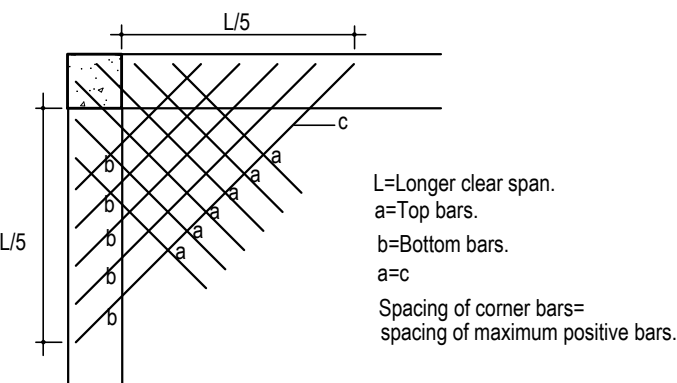
SHEET NO :

SCALE : NTS

DATE : JAN ,2025

STRUCTURAL DESIGN CRITERIA & REQUIREMENT

16. CORNER REINFORCEMENT :  
Corner reinforcement for beam supported 2-way slabs.



17. CONCRETE CLEAR COVER FOR REINFORCING BARS :

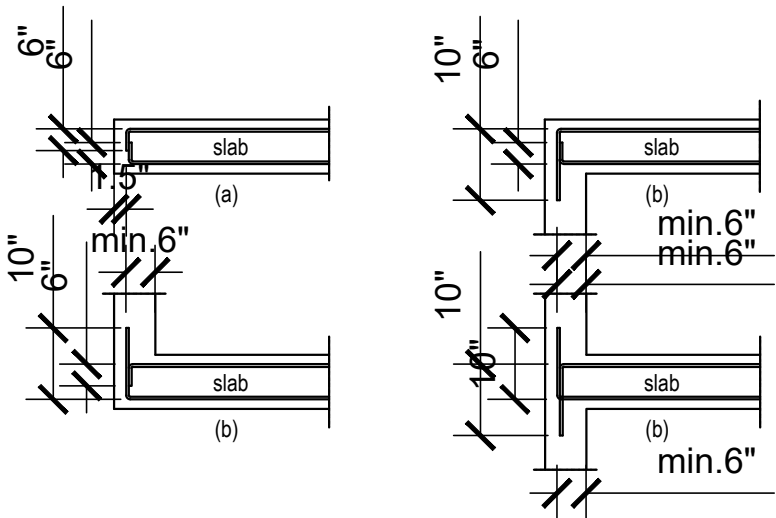
| Member                                   | Location or condition               | Minimum cover (inch) | Figure |
|--|-------------------------------------|----------------------|--------|
| Mat                                      | Side                                | 2.0                  |        |
|  | Bottom                              | 3.0                  |        |
| Column                                   | Above ground level                  | * 1.5                |        |
|  | Below ground level                  | * 2.0                |        |
| Beam                                     | Indoors face : top, side & bottom   | ** 1.5               |        |
|  | Outdoors face : top, side & bottom. | ** 1.5               |        |
| Slab & stair                             | Top and bottom                      | 0.75                 |        |
| Wall (Above 250mm except base ment wall) | Exterior                            | 2.0                  |        |
|  | Interior                            | 0.75                 |        |
| Water tank                               | Water face                          | 2.0                  |        |
|  | Other face                          | 1.0                  |        |

\* From tie  
\*\* From stirrups

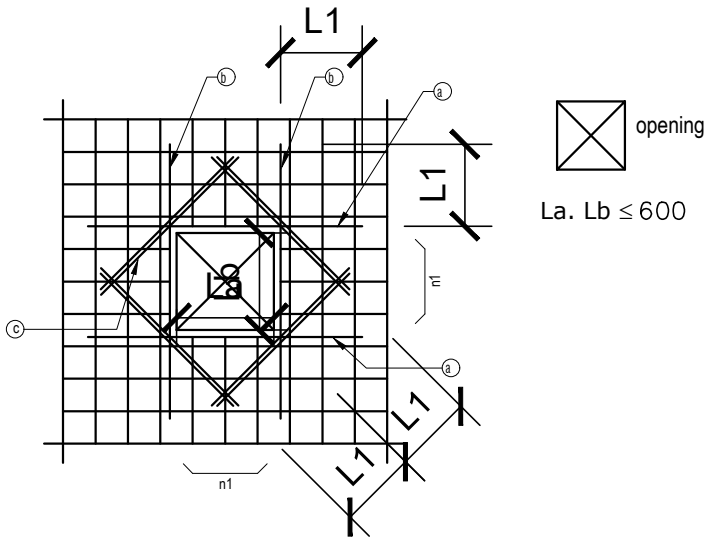
18. MAXIMUM BARS IN BEAMS IN SINGLE LAYER :  
Maximum number of bars as a single layer in beam stem shall be as per ACI detailing manual 1994.

19. MINIMUM BAR SPACING OF COLUMN LONGITUDINAL BARS :  
Clear distance between longitudinal bars shall not be less than 1.5 times bar diameter, 1.5 times the size of course aggregate nor 40mm.

20. SLAB & REINFORCING DETAIL :  
a) Free end of slab incapable of embedding of skd bar in Beam/Wall.  
b) Others,



21. REINFORCEMENT DETAILS FOR SLAB OPENINGS :

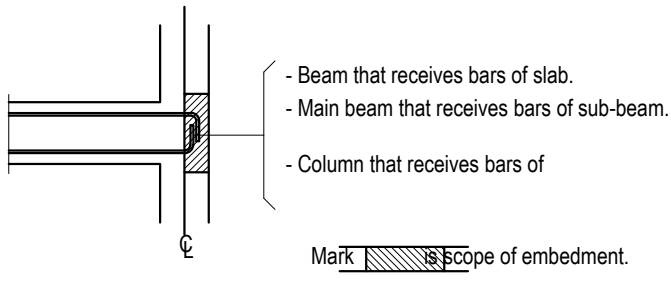


n1,n2 : The number of bars which are cut off for opening.  
a) The number of extra bars > n1/2 (top and bott. bars)  
b) The number of extra bars > n2/2 (top and bott. bars)  
c) The number of extra bars = 2-D12 (top and bott. bars)

22. RECOMMENDED END HOOKS

| Bar Hook       | From end Extention | Bend Angle (Degree) | Bend Redius (r) | Used Bar | Location                             |
|----------------|--------------------|---------------------|-----------------|----------|--------------------------------------|
| Primary reinf. | 4db                | 180°                | r = 2db         | 6 to 25  | lap splice end of anchorage          |
| Tie/stirrups   | 6db                | 135°                | r = 1.25db      | 6 to 12  | stirrups fastening bar diagonal hook |
| Primary reinf. | 2db                | 90°                 | r = 2.5db       | 6 to 32  | bend-up for embedment                |
| Slab           | 1db                | 45°                 | r = 5db         | 8 to 20  | bend bar in slab                     |

23. SCOPE OF EMBEDMENT



Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE :  
STRUCTURAL DRAWING

DRAWING BY :  
Saif Uddin Hiron  
Architect (DUET)  
Kaniz Sufia Shimul  
Jr.Architect

ADDRESS : 1ST FLOOR,HOUSE NO-03, BLOCK-L,ROAD-2/2,BANANI DHAKA -1213, BANGLADESH. CELL : +8801811791189. Email : kanonarchitects01@gmail.com Web : www.kanonarchbd.com

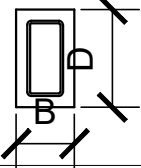
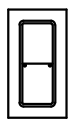
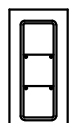
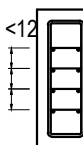
ENGINEER :  
SIGNATURE :  
Md. Solaiman  
Civil Engineer  
Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.  
SHEET NO :  
SCALE : NTS  
DATE : JAN ,2025

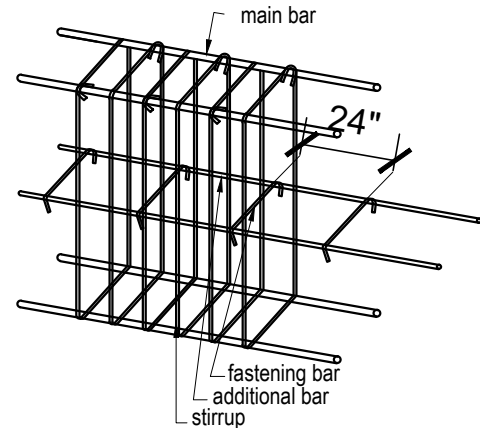
STRUCTURAL DESIGN CRITERIA & REQUIREMENT



24. ADDITIONAL BAR, FASTENING BAR IN BEAM

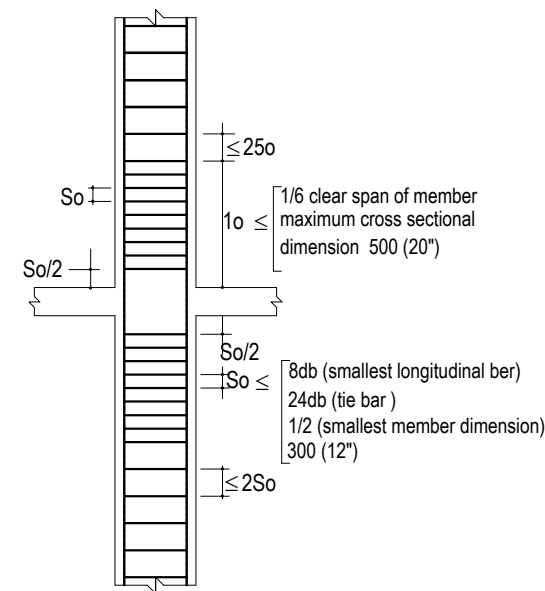
| Depth (D) inch | D < 24  | 24<D<36   | 36<D<48   | D≥48  |
|----------------|---|---|---|---|
| Additional bar | not necessary   | 2-#3  | 4-#4  | n-#4  |
| SECTION        |  |  |  |  |
| Fastening      | —   | 3/8" @ 24"  |   |   |

25. END HOOK OF STIRRUPS.

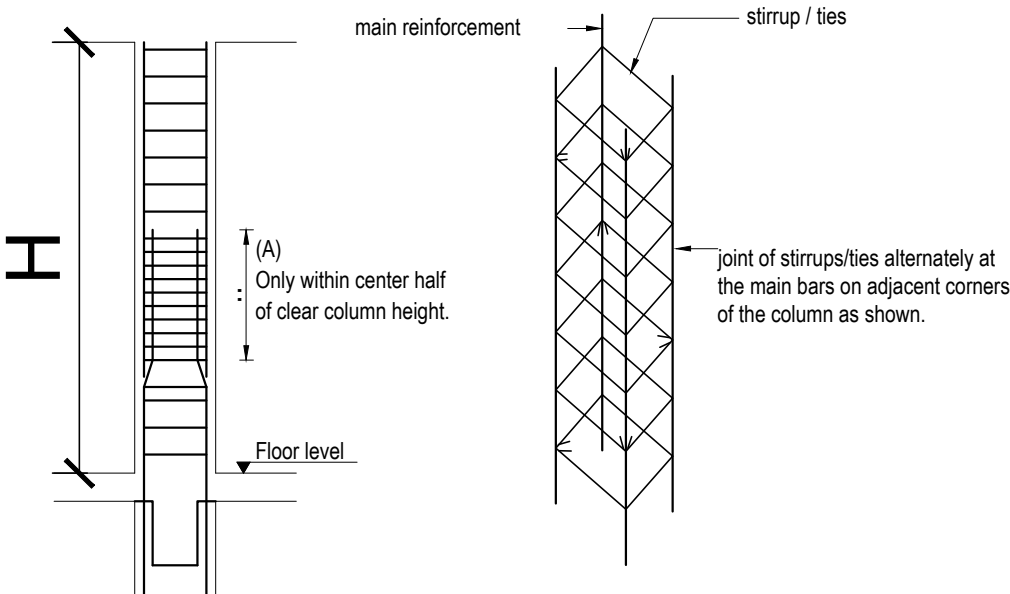
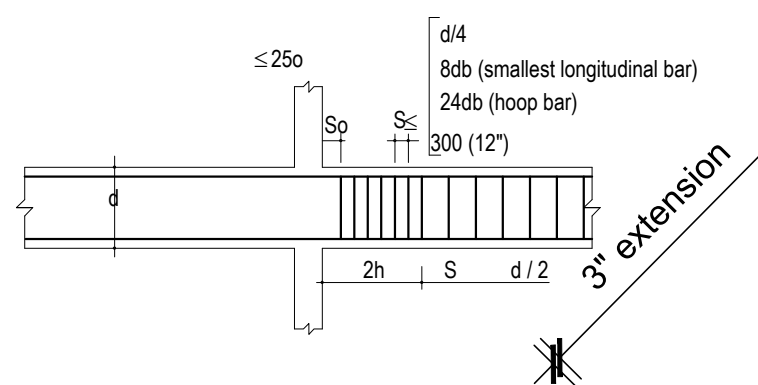


26. COLUMN SPLICE LOCATION :

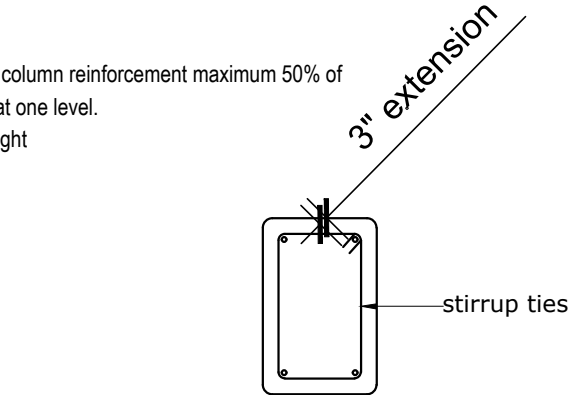
27. CONFINEMENT REQUIREMENTS OF COLUMN AT JOINTS FOR EARTHQUAKE LOADING :



28.CONFINEMENT REQUIREMENTS OF BEAM AT JOINTS FOR EARTHQUAKE LOADING :



(A) is area for splice of column reinforcement maximum 50% of total bar is spliced at one level.  
H = clear column height

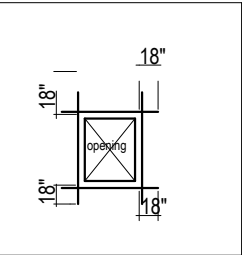


29. BUNDLE BAR splice bar

bars in a bundle must be terminates with at least 40 bar dia stagger except where the bundle terminated.

30. OPENING IN SLABS

Not less than four #5 extra bars (two at top and two at bottom) shall be provided around all openings in slab. The bars shall extend at least 18" beyond the corner of such opening.



Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT : BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE : STRUCTURAL DRAWING

DRAWING BY :

Saif Uddin Hiron  
Architect (DUET)

Kaniz Sufia Shimul  
Jr.Architect

 **KANON**  
ARCHITECTS  
ADDRESS : 1ST FLOOR,HOUSE NO-03, BLOCK-L,ROAD-2/2,BANANI DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER : SIGNATURE :

Md. Solaiman  
Civil Engineer

Anik Paul  
Civil Engineer

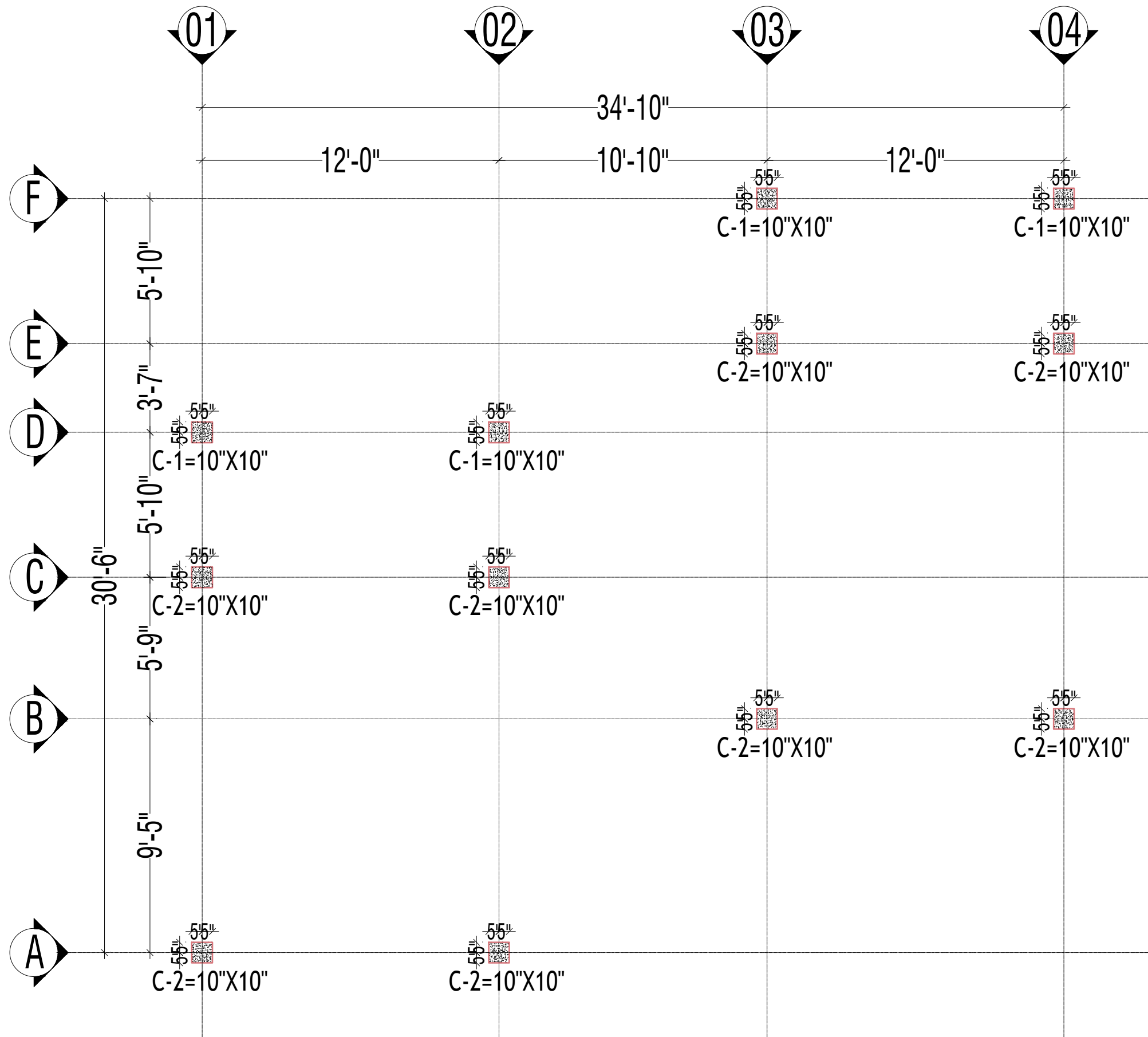
DRAWING NO : 2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN ,2025

# STRUCTURAL DESIGN CRITERIA & REQUIREMENT

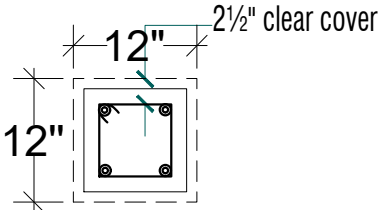
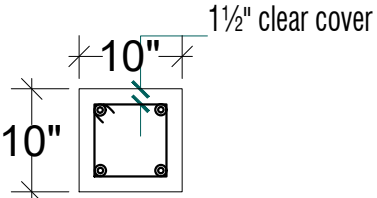
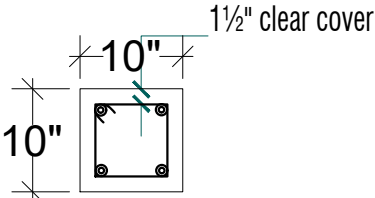
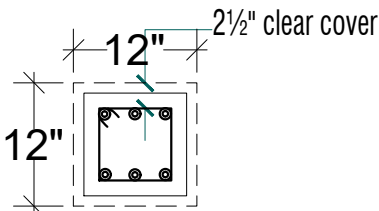
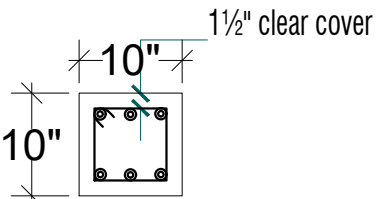
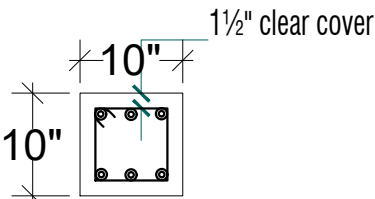


COLUMN LAY OUT

|   |
|---|
| Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.  |
| PROPOSED 02 STORIED COTTAGE BUILDING<br>INANI,COX'S BAZAR .   |
| CLIENT :<br>BEACH PARADISE HOTEL &<br>RESTAURANT  |
| DRAWING TITLE :<br>STRUCTURAL DRAWING   |
| DRAWING BY :<br><br>Saif Uddin Hiron<br>Architect (DUET)<br><br>Kaniz Sufia Shimul<br>Jr.Architect  |
| <div><div>ADDRESS : 1ST FLOOR,HOUSE NO-03,<br/>BLOCK-L,ROAD-2/2,BANANI<br/>DHAKA -1213, BANGLADESH.<br/>CELL : +8801811791189.<br/>Email : kanonarchitects01@gmail.com<br/>Web : www.kanonarchbd.com</div></div> |
| ENGINEER :      SIGNATURE :<br><br>Md. Solaiman<br>Civil Engineer<br><br>Anik Paul<br>Civil Engineer  |
| DRAWING NO :<br>2-STORIED COTTAGE BUILDING.   |
| SHEET NO :  |
| SCALE : NTS   |
| DATE : JAN ,2025  |

COLUMN SCHEDULE

● :- Larger dia bar  
○ :- Smaler dia bar

| COL <sup>m</sup><br>INDEX \<br>COL <sup>m</sup><br>SECTION | Below G.L.  | Ground Floor   | 1st Floor  |
|--|---|--|--|
| C1<br>SIZE=10"x10"   |   |   |   |
| VERTICAL BAR   | 4-Ø 16.   | 4-Ø 16.  | 4-Ø 16.  |
| TIE BAR  | Ø8-@4"/6"/4".c/c  | Ø8-@4"/6"/4".c/c   | Ø8-@4"/6"/4".c/c   |
| C2<br>SIZE=10"x10"   |  |  |  |
| VERTICAL BAR   | 6-Ø 16.   | 6-Ø 16.  | 4-Ø 16.  |
| TIE BAR  | Ø8-@4"/6"/4".c/c  | Ø8-@4"/6"/4".c/c   | Ø8-@4"/6"/4".c/c   |
| fy,(rebar strength)  | 60000 psi   | 60000 psi  | 60000 psi  |
| f'c (28 day's cylinder strength)                           | 3500 psi  | 3500 psi   | 3500 psi   |
| MIX RATIO  | 1 : 1.5: 3  | 1 : 1.5 : 3  | 1 : 1.5 : 3  |
| Coarse Agg.  | CRUSHED STONE   | CRUSHED STONE  | CRUSHED STONE  |
| W / C<br>(by wt)   | 0.42  | 0.42   | 0.42   |

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE :  
STRUCTURAL DRAWING

DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kaniz Sufia Shimul  
Jr.Architect



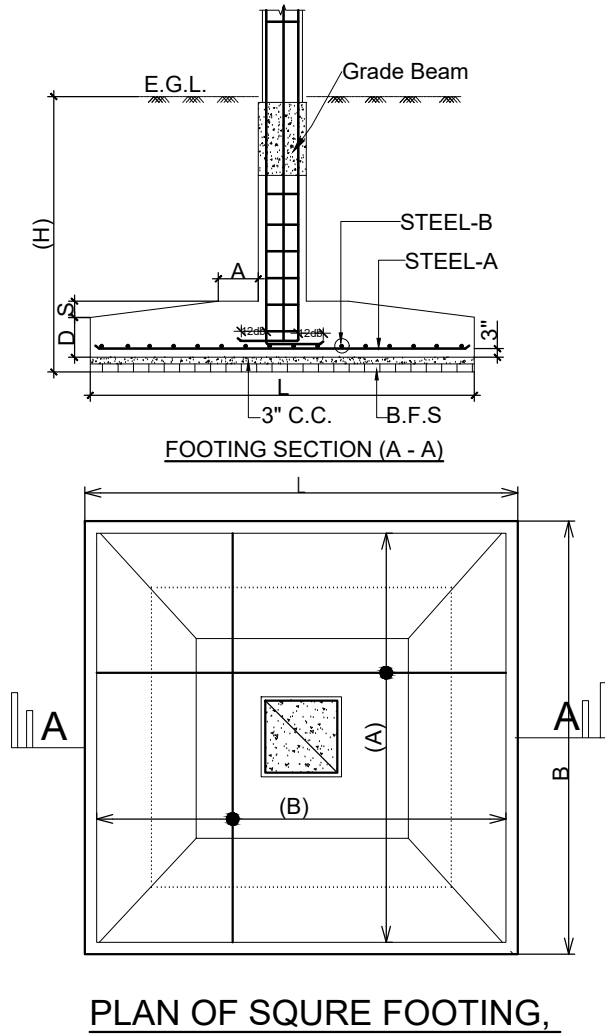
**KANON**  
ARCHITECTS

ADDRESS : 1ST FLOOR,HOUSE NO-03,  
BLOCK-L,ROAD-2/2,BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER :      SIGNATURE :  
  
Md. Solaiman  
Civil Engineer  
  
Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.  
SHEET NO :  
SCALE : NTS  
DATE : JAN ,2025

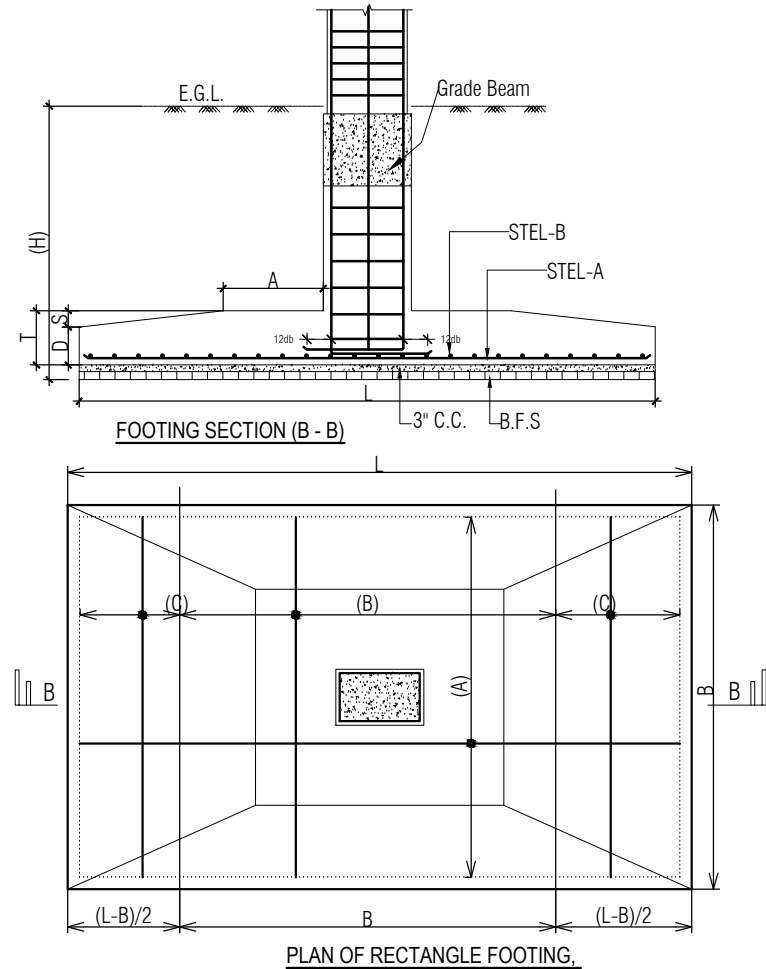




**Note:**

- i) Minimum Clear Cover to rebar = 3"
- ii)  $\text{Min}^m f'c = 3500 \text{ psi}$  (28 days cylinder strength)  
use mix ratio = 1:1.5:3.0 and  $w/c = 0.42$ .
- iii)  $\text{Min}^m f_y = 60000 \text{ psi}$
- iv) use crushed stone.

N.B. = considered bearing capacity of soil = 3.0ksf



### FOOTING SCHEDULE:-

| FOOTING NO | LENGTH (L) | BREADTH (B) | FOUNDATION DEPTH-(H) | FOOTING THICK-(D) | FOOTING THICK-(S) | DISTANCE (A) | STEEL-(A) | STEEL-(B) | STEEL-(C) | REMARKS |
|------------|------------|-------------|----------------------|-------------------|-------------------|--------------|-----------|-----------|-----------|---------|
| F-01       | 3'-6"      | 3'-6"       | 4'-6"                | 14"               | 4"                | 15"          | 16Ø@6"c/c | 16Ø@6"c/c |           |         |
| F-02       | 4'-0"      | 4'-0"       | 4'-6"                | 14"               | 4"                | 15"          | 16Ø@6"c/c | 16Ø@6"c/c |           |         |
|            |            |             |                      |                   |                   |              |           |           |           |         |

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING  
INANI, COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE :  
STRUCTURAL DRAWING

DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kaniz Sufia Shimul  
Jr. Architect



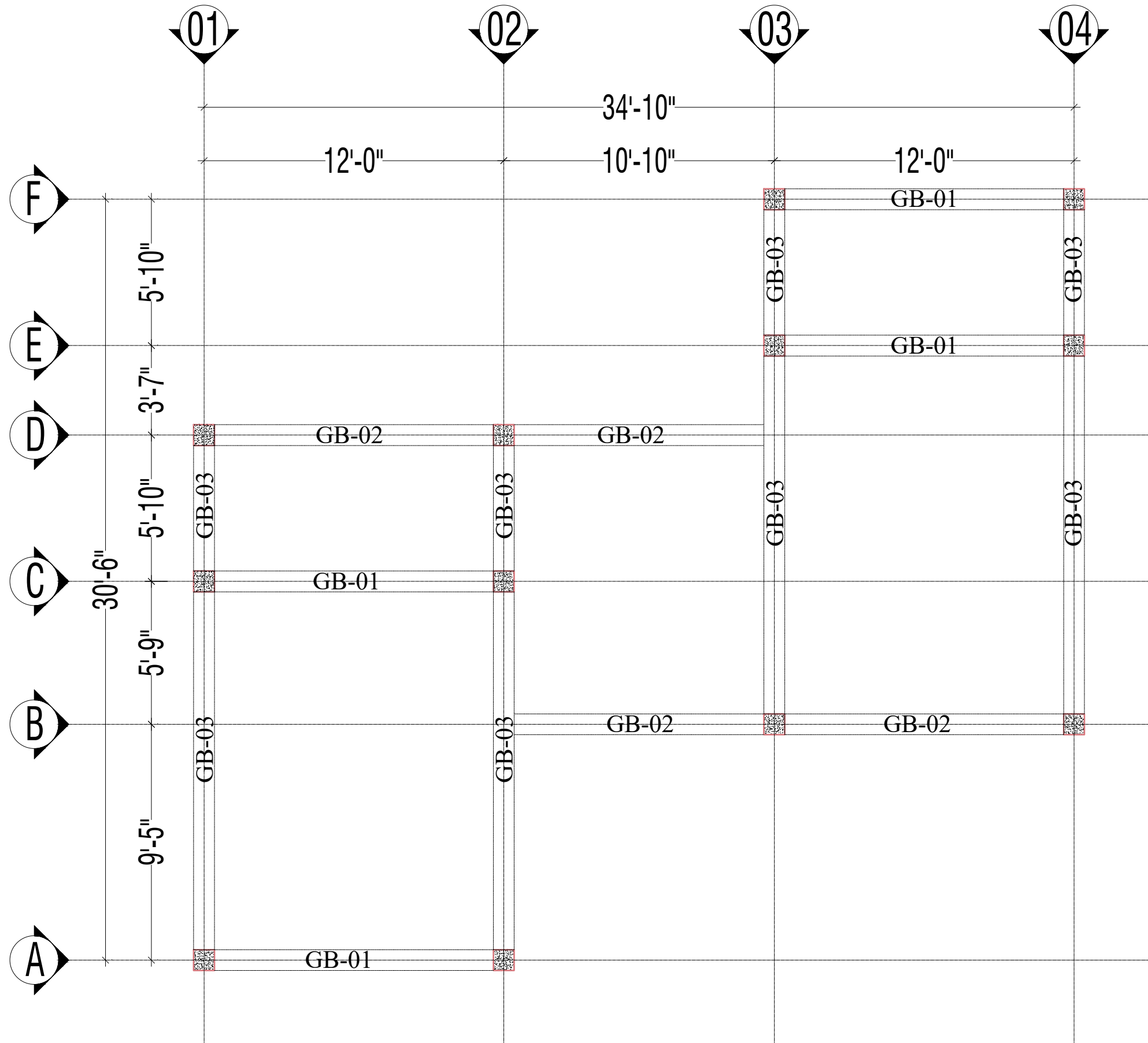
KANON

ARCHITECTS

ADDRESS : 1ST FLOOR, HOUSE NO-03, BLOCK-L, ROAD-2/2, BANANI DHAKA -1213, BANGLADESH.  
 CELL : +8801811791189.  
 Email : kanonarchitects01@gmail.com  
 Web : www.kanonarchbd.com

ENGINEER :      SIGNATURE :  
  
Md. Solaiman  
Civil Engineer  
  
Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.  
SHEET NO :  
SCALE : NTS  
DATE : JAN ,2025



GRADE BEAM LAY OUT

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING  
INANI,COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL &  
RESTAURANT

DRAWING TITLE :  
STRUCTURAL DRAWING

DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kaniz Sufia Shimul  
Jr.Architect



ARCHITECTS

ADDRESS : 1ST FLOOR,HOUSE NO-03,  
BLOCK-L,ROAD-2/2,BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER :      SIGNATURE :

Md. Solaiman  
Civil Engineer

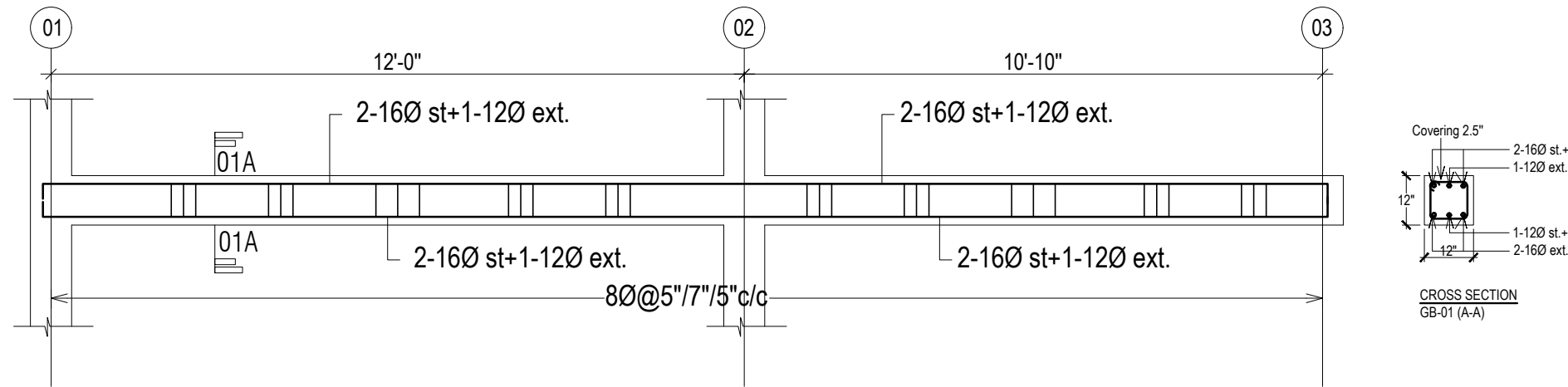
Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.

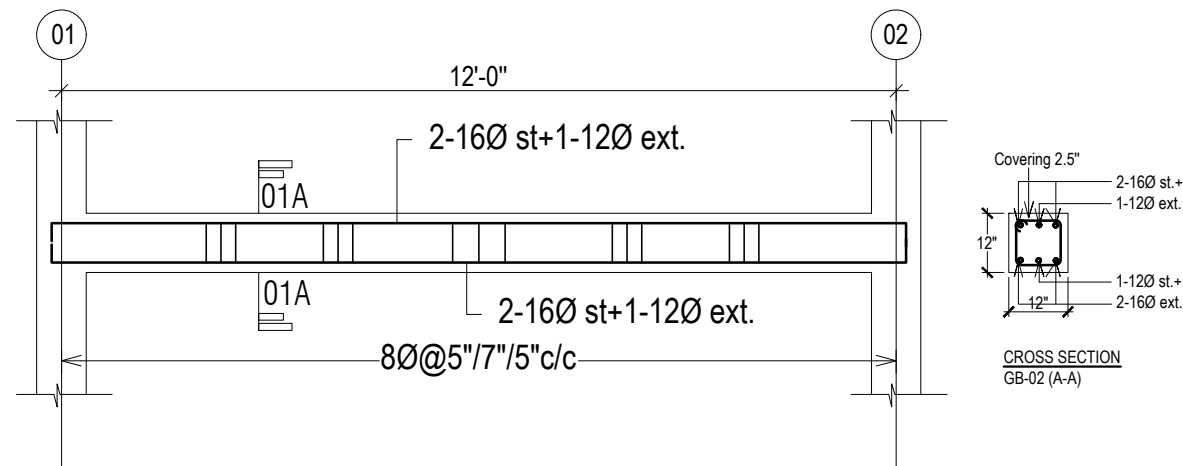
SHEET NO :

SCALE : NTS

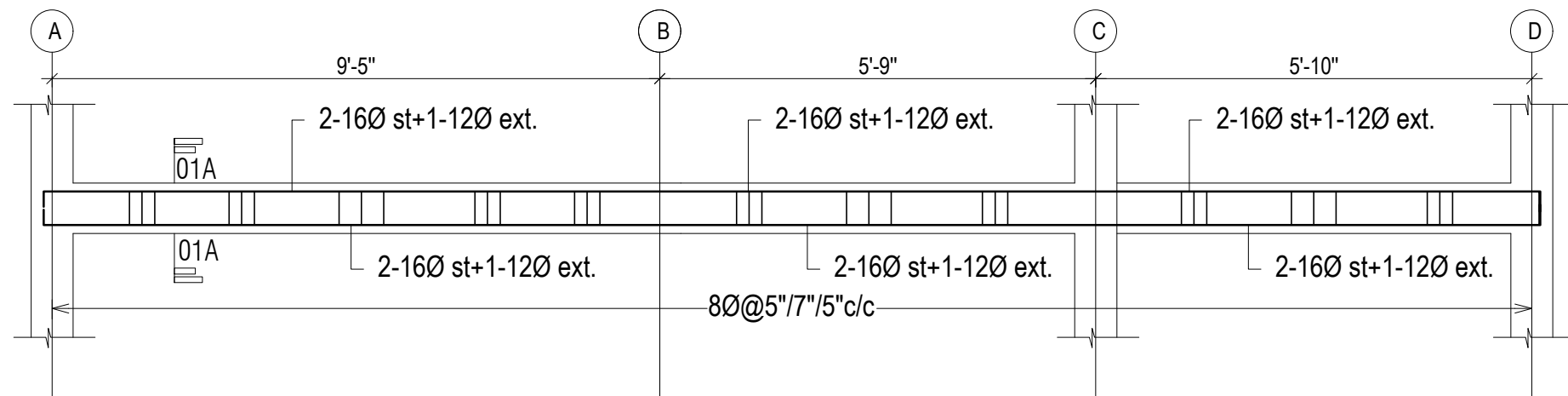
DATE : JAN ,2025



LONG SECTION OF GB-01  
SIZE:- (12"X12")



LONG SECTION OF GB-02  
SIZE:- (12"X12")



LONG SECTION OF GB-03  
SIZE:- (12"X12")

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED  
COTTAGE BUILDING  
INANI, COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL &  
RESTAURANT

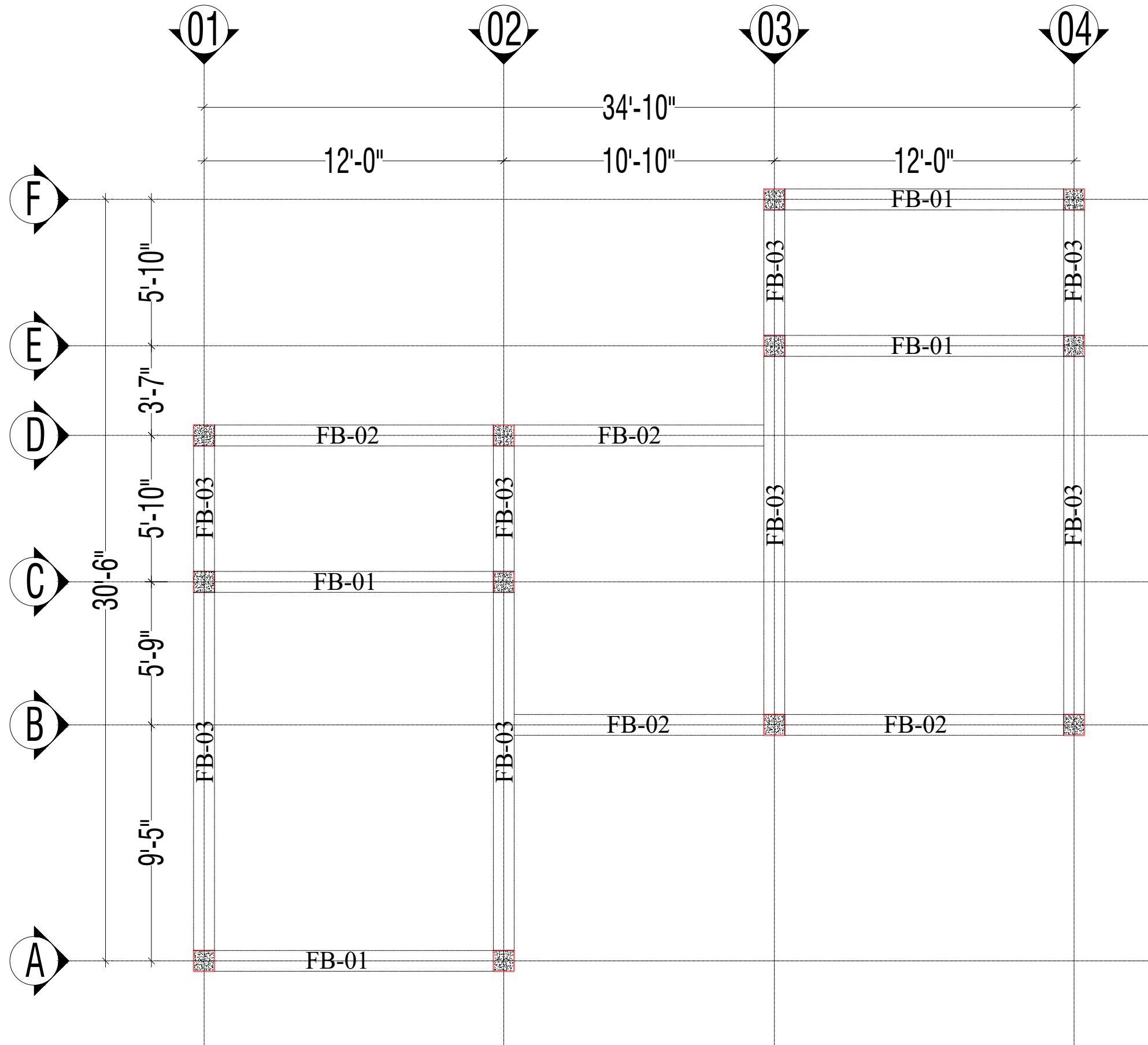
DRAWING TITLE :  
STRUCTURAL DRAWING

DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kaniz Sufia Shimul  
Jr. Architect

 **KANON**  
ARCHITECTS  
ADDRESS : 1ST FLOOR, HOUSE NO-03,  
BLOCK-L, ROAD-2/2, BANANI  
DHAKA - 1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER :      SIGNATURE :  
  
Md. Solaiman  
Civil Engineer  
  
Anik Paul  
Civil Engineer

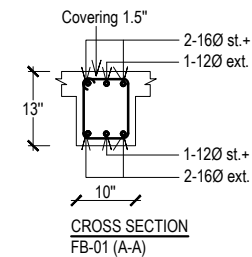
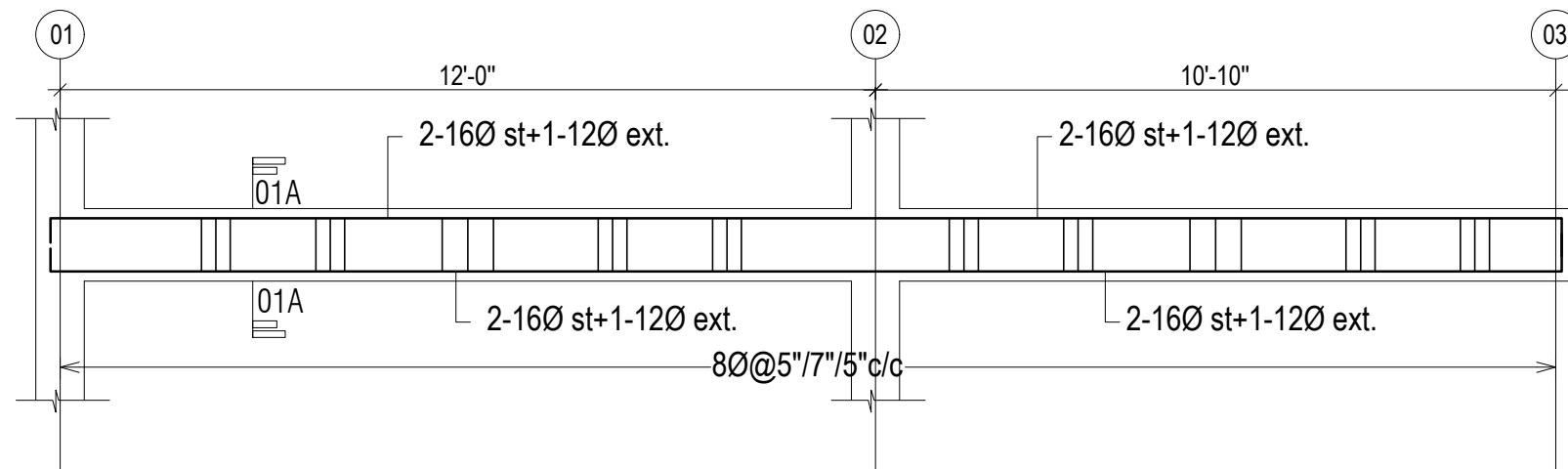
DRAWING NO :  
2-STORIED COTTAGE BUILDING.  
SHEET NO :  
SCALE : NTS  
DATE : JAN , 2025



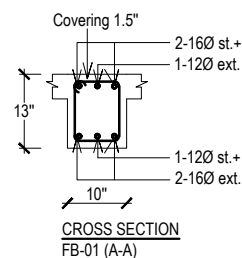
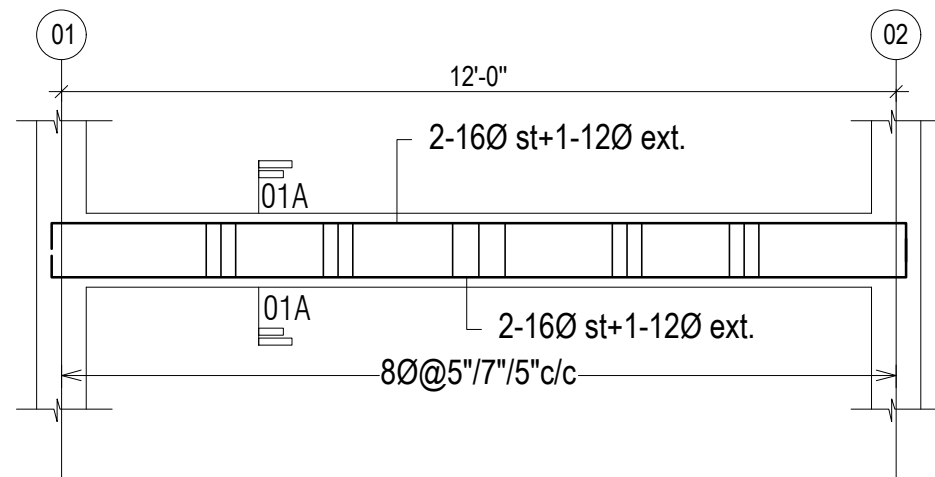
GROUND FLOOR BEAM LAYOUT

|  |             |
|--|-------------|
| Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.   |             |
| PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .   |             |
| CLIENT :<br>BEACH PARADISE HOTEL & RESTAURANT  |             |
| DRAWING TITLE :<br>STRUCTURAL DRAWING  |             |
| DRAWING BY :<br><br>Saif Uddin Hiron<br>Architect (DUET)<br><br>Kaniz Sufia Shimul<br>Jr.Architect   |             |
| <div><div>KANON<br/>ARCHITECTS</div><div>ADDRESS : 1ST FLOOR,HOUSE NO-03,<br/>BLOCK-L,ROAD-2/2,BANANI<br/>DHAKA -1213, BANGLADESH.<br/>CELL : +8801811791189.<br/>Email : kanonarchitects01@gmail.com<br/>Web : www.kanonarchbd.com</div></div> |             |
| ENGINEER :<br><br>Md. Solaiman<br>Civil Engineer<br><br>Anik Paul<br>Civil Engineer  | SIGNATURE : |
| DRAWING NO :<br>2-STORIED COTTAGE BUILDING.  |             |
| SHEET NO :   |             |
| SCALE : NTS  |             |
| DATE : JAN ,2025   |             |

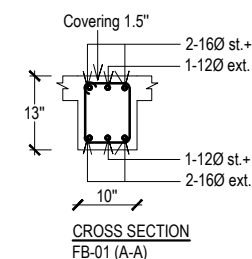
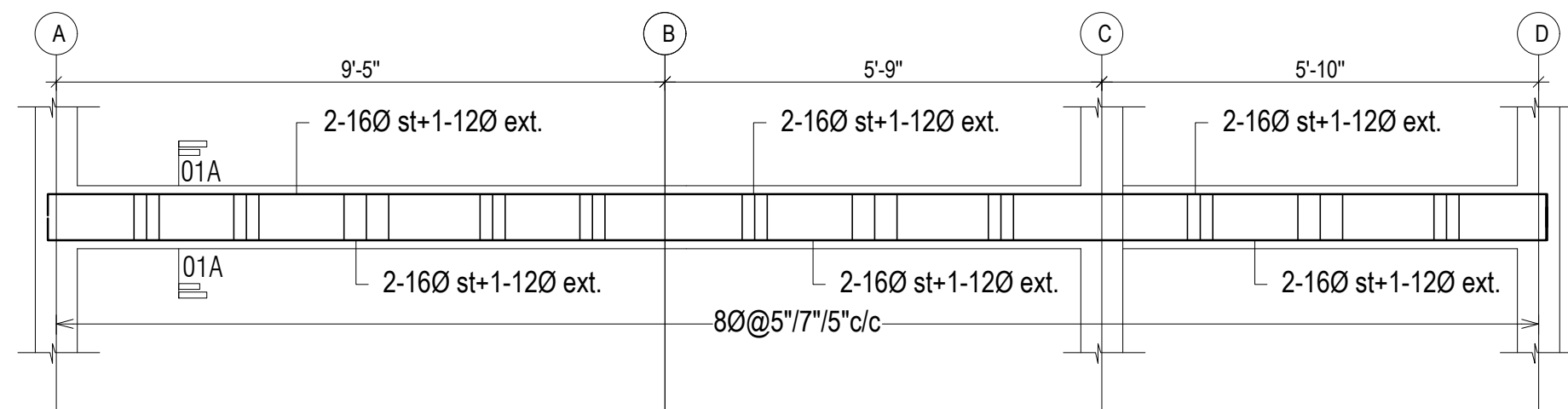




LONG SECTION OF FB-01  
SIZE:-(10"X13")



LONG SECTION OF FB-02  
SIZE:-(10"X13")



LONG SECTION OF FB-03  
SIZE:-(10"X13")

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED  
COTTAGE BUILDING  
INANI, COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL &  
RESTAURANT

DRAWING TITLE :  
STRUCTURAL DRAWING

DRAWING BY :

Saif Uddin Hiron  
Architect (DUET)

Kaniz Sufia Shimul  
Jr. Architect



ADDRESS : 1ST FLOOR, HOUSE NO-03,  
BLOCK-L, ROAD-2/2, BANANI  
DHAKA - 1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER : SIGNATURE :

Md. Solaiman  
Civil Engineer

Anik Paul  
Civil Engineer

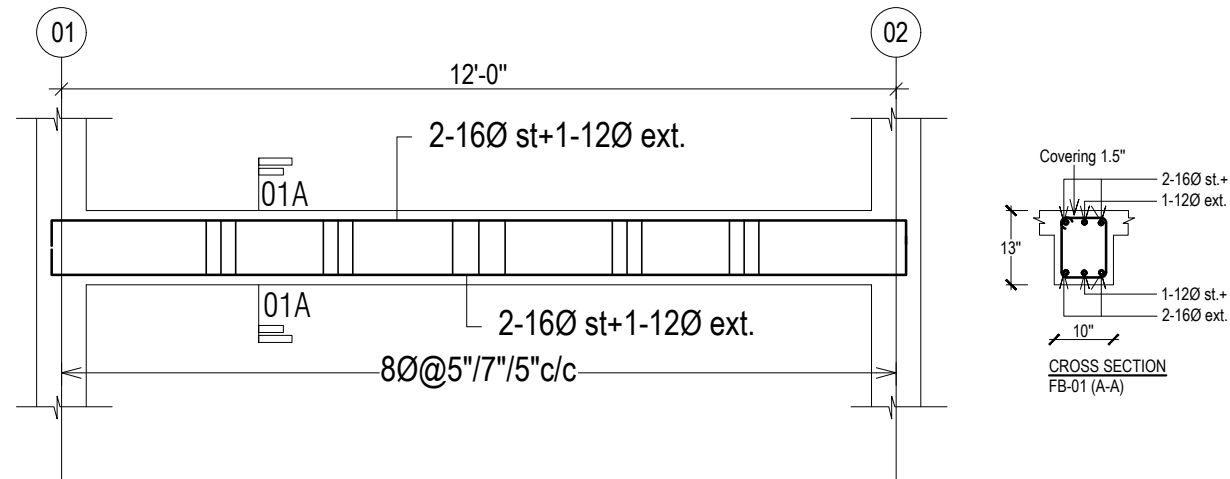
DRAWING NO :  
2-STORIED COTTAGE BUILDING.

SHEET NO :

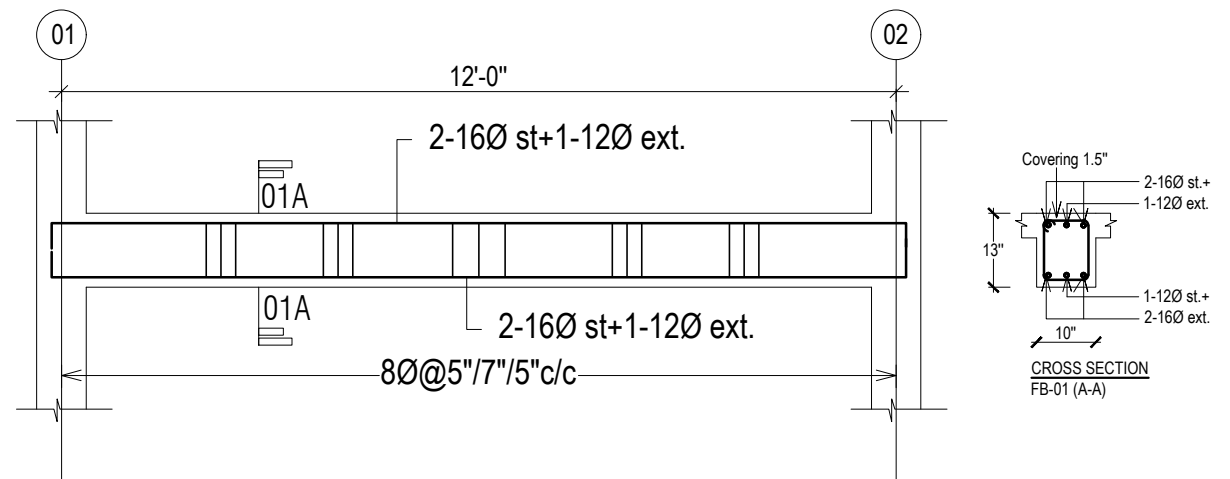
SCALE : NTS

DATE : JAN , 2025

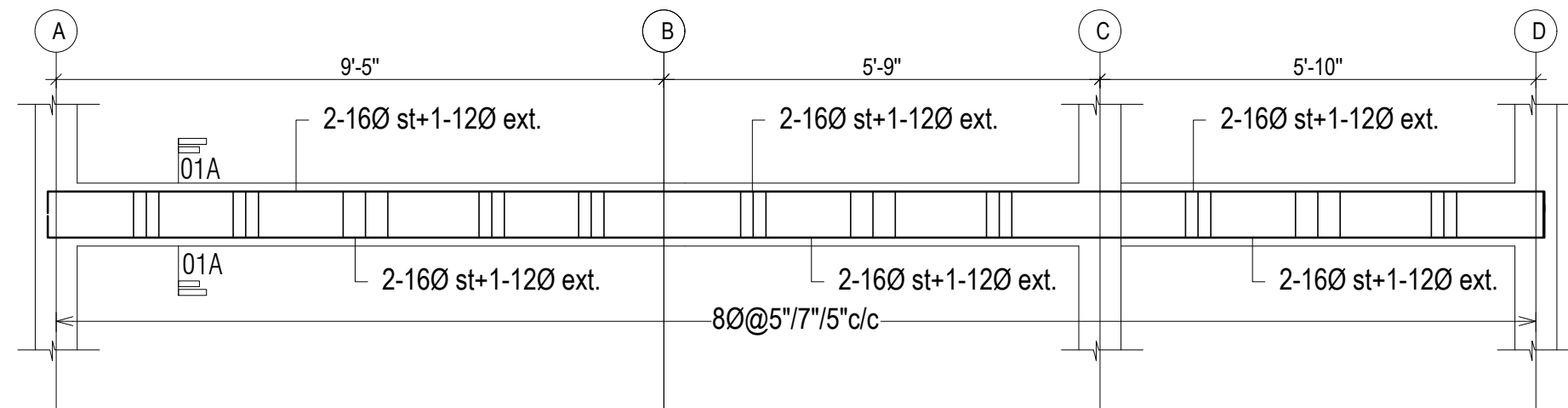




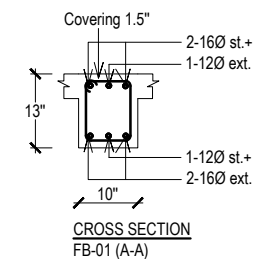
LONG SECTION OF FB-01  
SIZE:-(10"X13")



LONG SECTION OF FB-02  
SIZE:-(10"X13")



LONG SECTION OF FB-03  
SIZE:-(10"X13")



Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT : BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE : STRUCTURAL DRAWING

DRAWING BY : Saif Uddin Hiron Architect (DUET)

Kaniz Sufia Shimul Jr.Architect

**KANON** ARCHITECTS  
ADDRESS : 1ST FLOOR,HOUSE NO-03, BLOCK-L,ROAD-2/2,BANANI DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER : SIGNATURE :

Md. Solaiman Civil Engineer

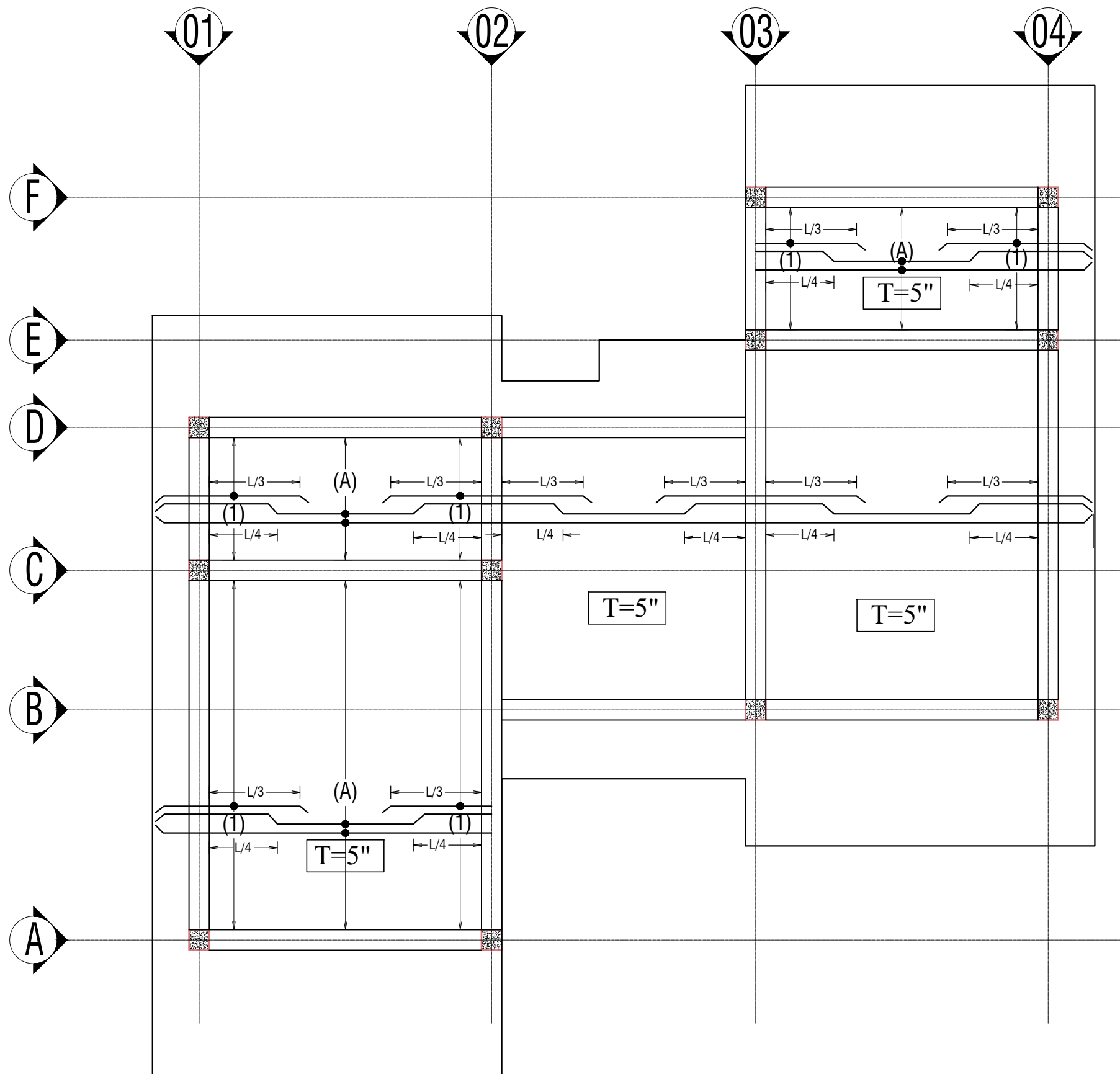
Anik Paul Civil Engineer

DRAWING NO : 2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN ,2025



GROUND FLOOR SLAB

### Note:

- i) Minimum Clear Cover to rebar top =  $\frac{3}{4}$ "
- ii) Minimum Clear Cover to rebar bottom = 1"
- iii) Min  $f'c$ =3000 psi (28 days cylinder strength)  
use mix ratio = 1:2:4 and w/c=0.42
- iv) Min  $f_y$ =60000psi

- BEAM COLUMN JOINT CASTING AS  
COLUMN CONCRETE CASTING.

### NOTE:-

#### BOTTOM BAR-

(A)-10Ø@5.0"c/c

#### TOP BAR-

(1) - 1-10Ø ext top.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED  
COTTAGE BUILDING  
INANI, COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL &  
RESTAURANT

DRAWING TITLE :  
STRUCTURAL DRAWING

DRAWING BY :

Saif Uddin Hiron  
Architect (DUET)

Kaniz Sufia Shimul  
Jr. Architect



ADDRESS : 1ST FLOOR, HOUSE NO-03,  
BLOCK-L, ROAD-2/2, BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER :      SIGNATURE :

Md. Solaiman  
Civil Engineer

Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.

SHEET NO :

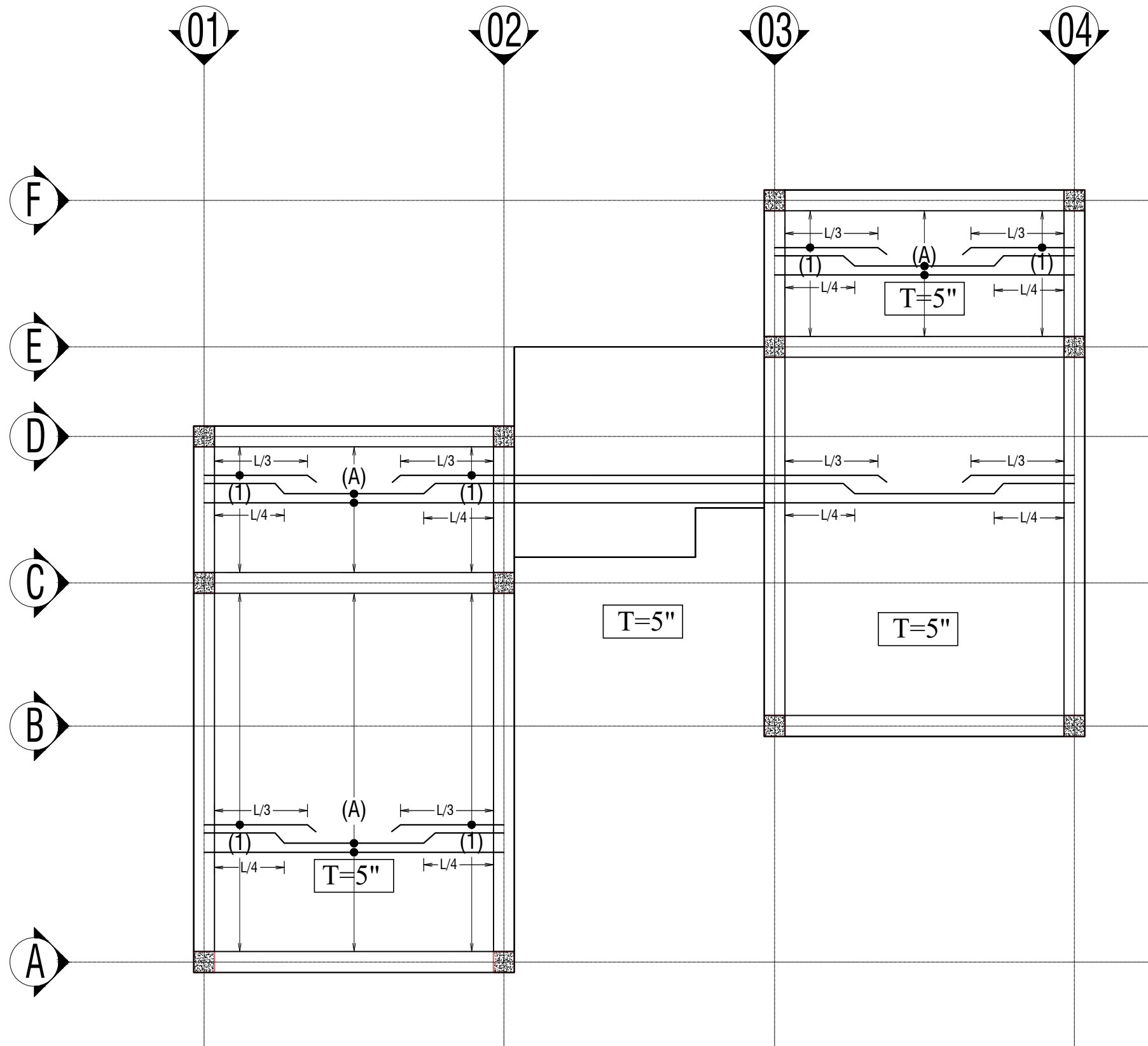
SCALE : NTS

DATE : JAN ,2025



TOP BAR-  
(1) - 1-100 ext top.

DATE : JAN ,2025



1ST FLOOR SLAB

### Note:

- Minimum Clear Cover to rebar top =  $\frac{3}{4}$ "
- Minimum Clear Cover to rebar bottom = 1"
- Min  $f'c$ =3000 psi (28 days cylinder strength)  
use mix ratio = 1:2:4 and w/c=0.42
- Min  $f_y$ =60000psi

- BEAM COLUMN JOINT CASTING AS  
COLUMN CONCRETE CASTING.

### NOTE:-

#### BOTTOM BAR-

(A)-10Ø@5.0"c/c

#### TOP BAR-

(1) - 1-10Ø ext top.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED  
COTTAGE BUILDING  
INANI,COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL &  
RESTAURANT

DRAWING TITLE :  
STRUCTURAL DRAWING

DRAWING BY :

Saif Uddin Hiron  
Architect (DUET)

Kaniz Sufia Shimul  
Jr.Architect



ADDRESS : 1ST FLOOR,HOUSE NO-03,  
BLOCK-L,ROAD-2/2,BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER : SIGNATURE :

Md. Solaiman  
Civil Engineer

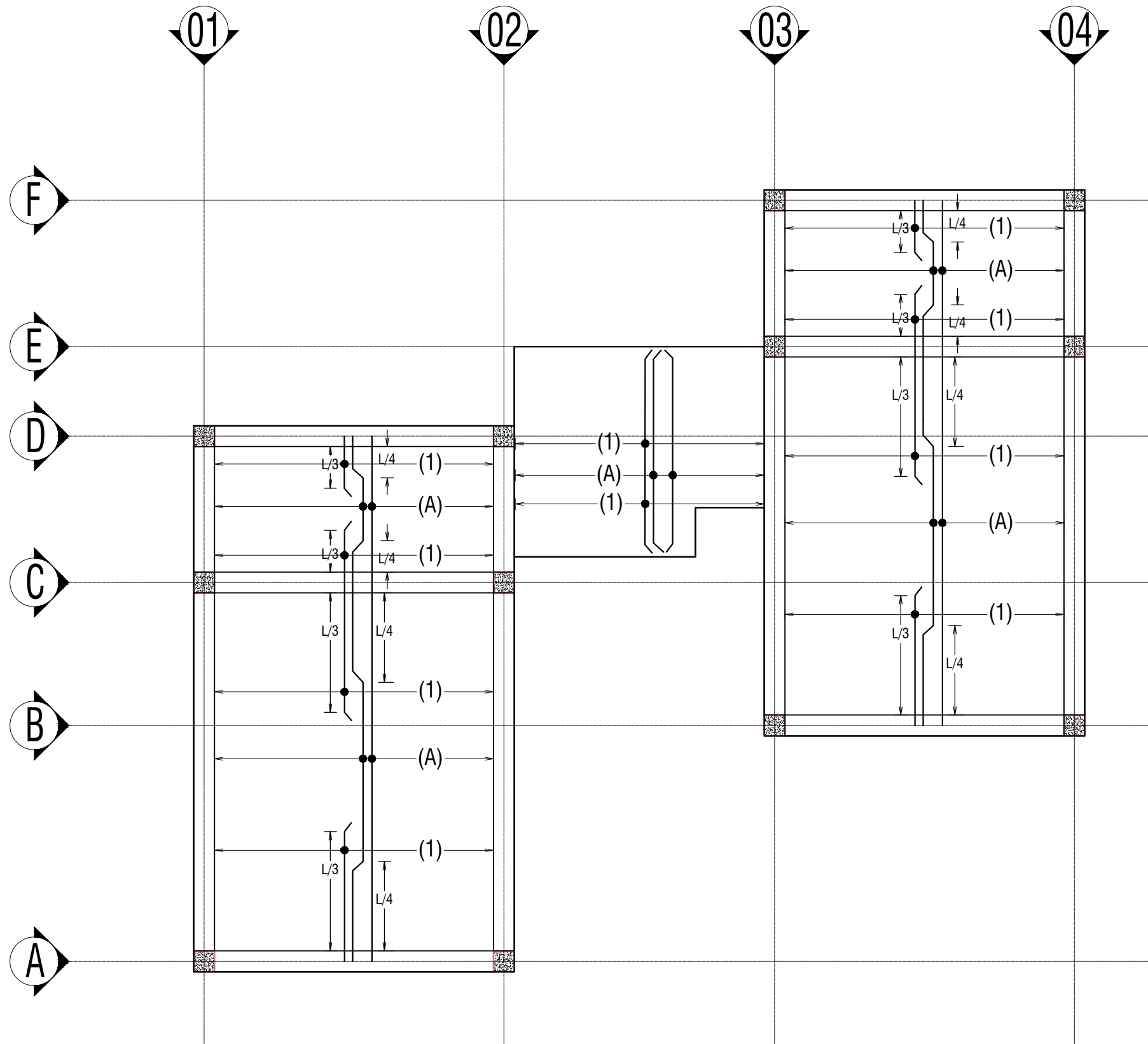
Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN ,2025



1ST FLOOR SLAB

## Note:

- i) Minimum Clear Cover to rebar top =  $\frac{3}{4}$ "
- ii) Minimum Clear Cover to rebar bottom = 1"
- iii) Min  $f'c=3000$  psi (28 days cylinder strength)  
use mix ratio = 1:2:4 and w/c=0.42
- iv) Min  $f_y=60000$ psi

- BEAM COLUMN JOINT CASTING AS COLUMN CONCRETE CASTING.

## NOTE:-

**BOTTOM BAR-**  
(A)-10Ø@5.0"c/c

**TOP BAR-**  
(1) - 1-10Ø ext top.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING  
INANI, COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL &  
RESTAURANT

DRAWING TITLE :  
STRUCTURAL DRAWING

DRAWING BY :

Saif Uddin Hiron  
Architect (DUET)

Kaniz Sufia Shimul  
Jr. Architect



ADDRESS : 1ST FLOOR, HOUSE NO-03,  
BLOCK-L, ROAD-2/2, BANANI  
DHAKA - 1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER : SIGNATURE :

Md. Solaiman  
Civil Engineer

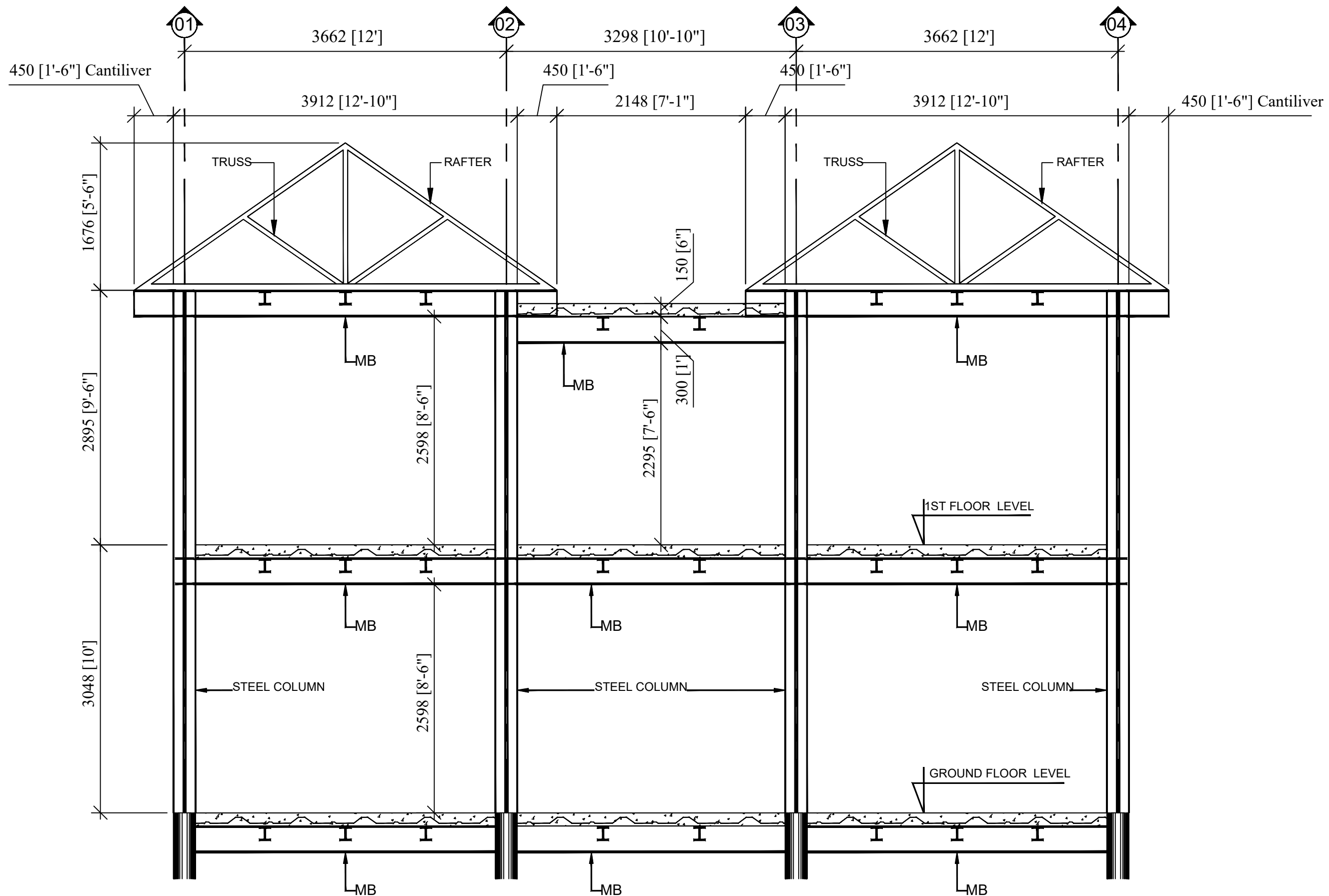
Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN , 2025



SECTION ON : A-A

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED  
COTTAGE BUILDING  
INANI, COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL &  
RESTAURANT

DRAWING TITLE :  
STEEL STRUCTURAL  
DRAWING

DRAWING BY :

Saif Uddin Hiron  
Architect (DUET)

Kaniz Sufia Shimul  
Jr. Architect



ADDRESS : 1ST FLOOR, HOUSE NO-03,  
BLOCK-L, ROAD-2/2, BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER :      SIGNATURE :

Md. Solaiman  
Civil Engineer

Anik Paul  
Civil Engineer

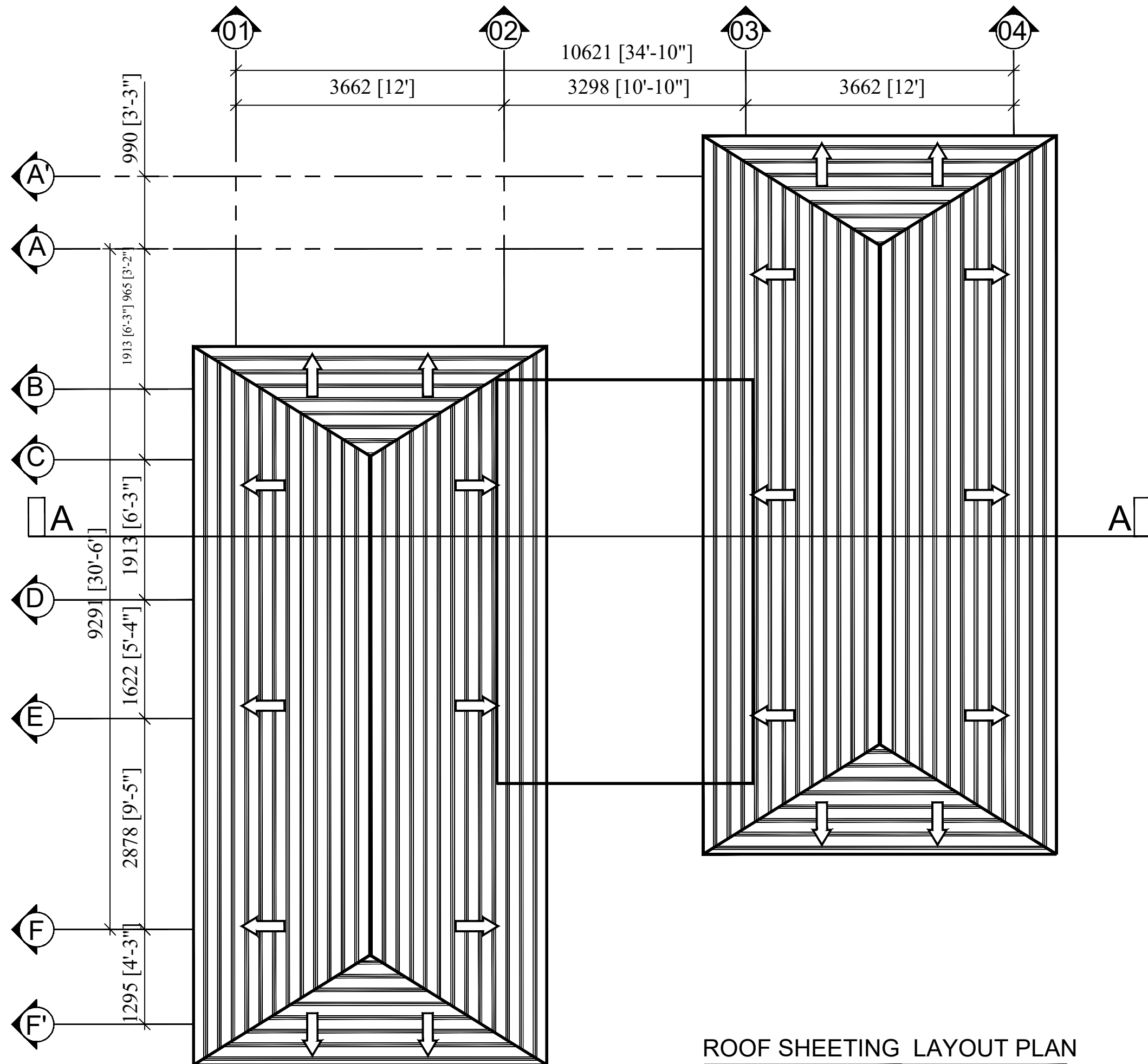
DRAWING NO :  
2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN ,2025





Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT : BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE : STEEL STRUCTURAL DRAWING

DRAWING BY :

Saif Uddin Hiron  
Architect (DUET)

Kaniz Sufia Shimul  
Jr.Architect

**KANON** ARCHITECTS  
ADDRESS : 1ST FLOOR,HOUSE NO-03, BLOCK-L,ROAD-2/2,BANANI DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER : SIGNATURE :

Md. Solaiman  
Civil Engineer

Anik Paul  
Civil Engineer

DRAWING NO : 2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN ,2025

# BEACH PARADISE HOTEL & RESTAURANT

## (COTTAGE PLUMBING DRAWING)

Information contained on this drawing is the property of kanon architects.  
copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED  
COTTAGE BUILDING  
INANI,COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL  
RESTAURANT

DRAWING TITLE :  
PLUMBING DRAWING

DRAWING BY :  
**Saif Uddin Hiron**  
Architect (DUET)

Kaniz Sufia Shimul  
Jr.Architect



ENGINEER :                      SIGNATURE

Md. Solaiman  
Civil Engineer


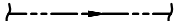













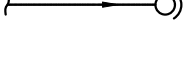
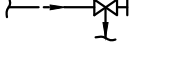


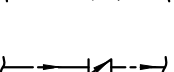


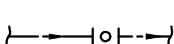

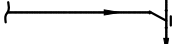
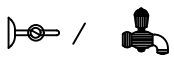








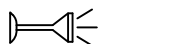


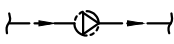

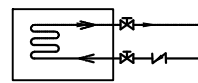





Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING

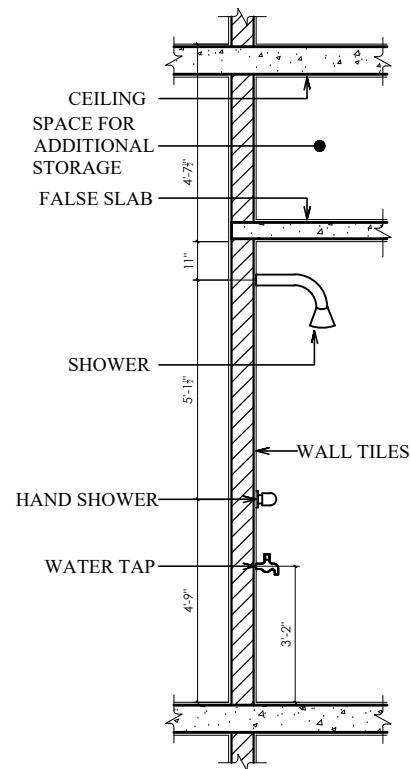
SHEET NO :

SCALE : NTS

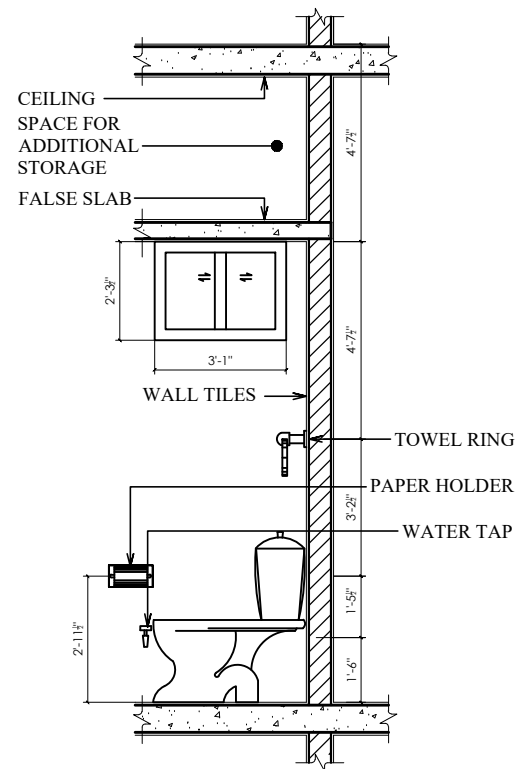
DATE : JAN ,2025

| LEGEND : (SEWERAGE & DRAINAGE) : |   |                            | ABBREVIATION<br>(SEWERAGE & DRAINAGE) :   |  | LEGENDS : (WATER SUPPLY) :             |   |                                  | ABBREVIATION : (WATER SUPPLY) : |   |  |
|----------------------------------|---|----------------------------|---|--|--|---|----------------------------------|---------------------------------|---|--|
| 01.                              |    | SOIL PIPE                  | 01.   | C.O. : CLEAN OUT   | 01.                                    |    | COLD WATER PIPE                  | 01.                             |  SS : SOIL WATER STACK   |  |
| 02.                              |    | WASTE WATER PIPE           | 02.   | F.P. : FLOOR PASS  | 02.                                    |    | HOT WATER PIPE                   | 02.                             |  WWS : WASTE WATER STACK |  |
| 03.                              |    | RAIN WATER PIPE            | 03.   | F.T. : FLOOR TRAP  | 03.                                    |    | PIPE DROPPING DOWN               | 03.                             |  RWS : RAIN WATER STACK  |  |
| 04.                              |    | VENT PIPE                  | 04.   | D.I.L.S. : DEPTH OF INVERT LEVEL OF I.P (SOIL) FROM FGL.         | 04.                                    |    | GATE VALVE                       | 04.                             |  VS : VENT STACK         |  |
| 05.                              |    | PIPE DROPPING DOWN         | 05.   | D.I.L.W. : DEPTH OF INVERT LEVEL OF I.P (RAIN & WASTE) FROM FGL. | 05.                                    |    | ANGLE VALVE                      | 05.                             |  WDP : WATER DOWN PIPE   |  |
| 06.                              |    | BEND WITH ACCESS DOOR      | 06.   | I.P. : INSPECTION PIT  | 06.                                    |    | GLOBE VALVE                      | 06.                             |  GATE VALVE              |  |
| 07.                              |    | CROSS TEE WITH ACCESS DOOR | 07.   | K.W. : KITCHEN WASTE   | 07.                                    |    | CHECK VALVE                      | 07.                             |  REDUCER                 |  |
| 08.                              |   | Y-TEE WITH ACCESS DOOR     | 08.   | R.W. : RAIN WATER  | 08.                                    |    | FLEXIBLE JOINT                   | 08.                             |  ELBOW                  |  |
| 09.                              |  | P-TRAP                     | 09.   | S. : SOIL  | 09.                                    |  | WATER TAP                        | 09.                             |  WASTE PIT             |  |
| 10.                              |  | CLEAN OUT                  | 10.   | V. : VENT  | 10.                                    |  | MIXER TAP                        | 10.                             |  SOIL PIT              |  |
| 11.                              |  | FLOOR TRAP/ FLOOR DRAIN    | 11.   | W.W. : WASTE WATER   | 11.                                    |  | FAUCET                           | 11.                             |  WASH BASIN (WB)       |  |
| 12.                              |  | INSPECTION PIT             | 12.   | W.W.P. : WASTE WATER PIPE  | 12.                                    |  | SHOWER HEAD                      | 12.                             |  LONG PAN (LP)         |  |
| 13.                              |  | MANHOLE COVER              | 13.   | THRU. : THROUGH  | 13.                                    |  | WATER SUPPLY PUMP                | 13.                             |  WATER CLOSET (W.C)    |  |
|                                  |   |                            | 14.   | uPVC. : UNPLASTICIZED POLYVINYL CHLORIDE                         | 14.                                    |  | ELECTRICAL WATER HEATER (GEYSER) | 14.                             |  SHOWER POINT          |  |
|                                  |   |                            | <u>GENERAL NOTE : (SOIL &amp; WASTE WATER)</u>  |  |  |   |                                  | 15.                             |  BIB COCK              |  |
|                                  |   |                            | 01. ALL INTERNAL WASTE WATER PIPES CONNECTION BELOW FLOOR (THRU F.C) FROM FLOOR TRAP TO VERTICAL STACK SHALL BE 4" DIA. |  |  |   |                                  | 16.                             |  BATH TUB              |  |
|                                  |   |                            | 02. ALL OTHER WASTE WATER PIPE CONNECTION THRU FLOOR FROM BASIN TO FLOOR TRAP SHALL BE 1-1/4" DIA                       |  |  |   |                                  | 17.                             |  BURNER                |  |
|                                  |   |                            | 03. FROM WASH,SINK, BATH TUB, SHOWER TRAY TO FLOOR TRAP SHALL BE 1-1/2" DIA.  |  |  |   |                                  | 18.                             |  KITCHEN SINK          |  |
|                                  |   |                            | 04. ALL INTERNAL SOIL PIPES CONNECTION BELOW FLOOR (THRU F.C) FROM WC/PAN TO VERTICAL STACK SHALL BE 4" DIA.            |  |  |   |                                  |                                 |   |  |
|                                  |   |                            |   |  | <u>GENERAL NOTE : (WATER SUPPLY) :</u> |   |                                  |                                 |   |  |
|                                  |   |                            |   |  | 01.                                    | ALL WASH BASINS & SINKS SHALL BE PROVIDED WITH BOTTLE TRAP                            |                                  |                                 |   |  |
|                                  |   |                            |   |  | 02.                                    | ALL WATER SUPPLY PIPES (COLD OR HOT) SHALL BE OF G.I / PPR.                           |                                  |                                 |   |  |

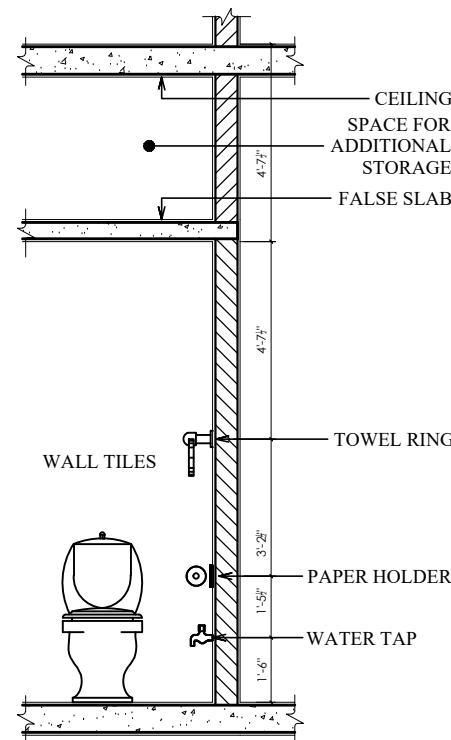
# SANITARY FIXTURE DETAILS



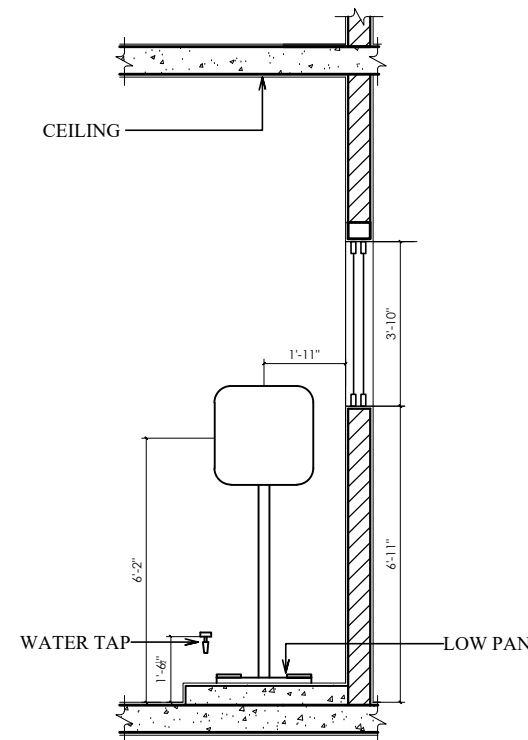
TYPICAL SECTION OF  
SHOWER



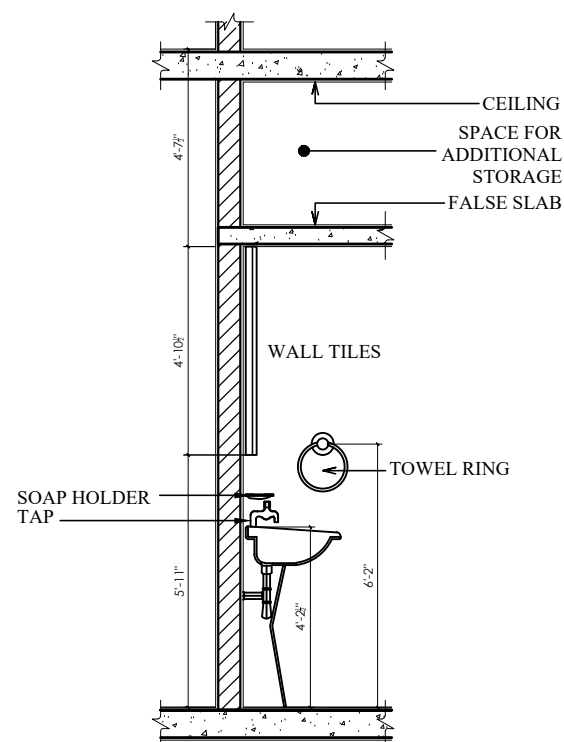
TYPICAL SECTION OF  
COMMODE



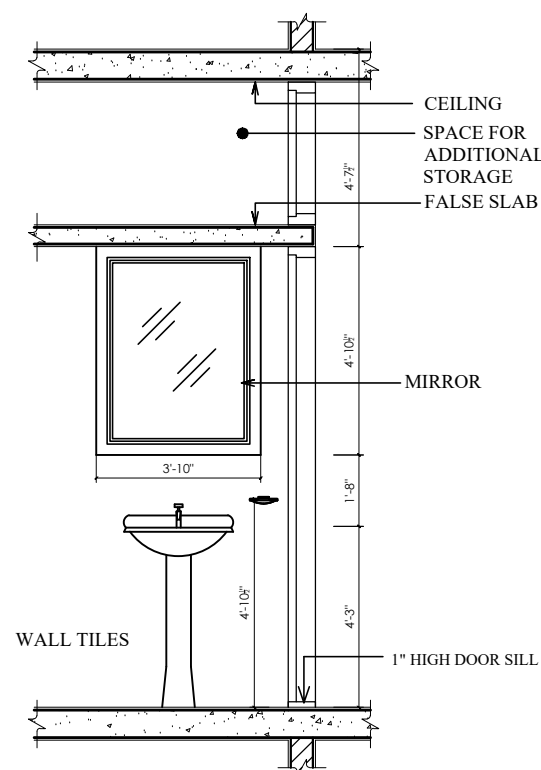
TYPICAL SECTIONAL ELEVATION OF  
COMMODE



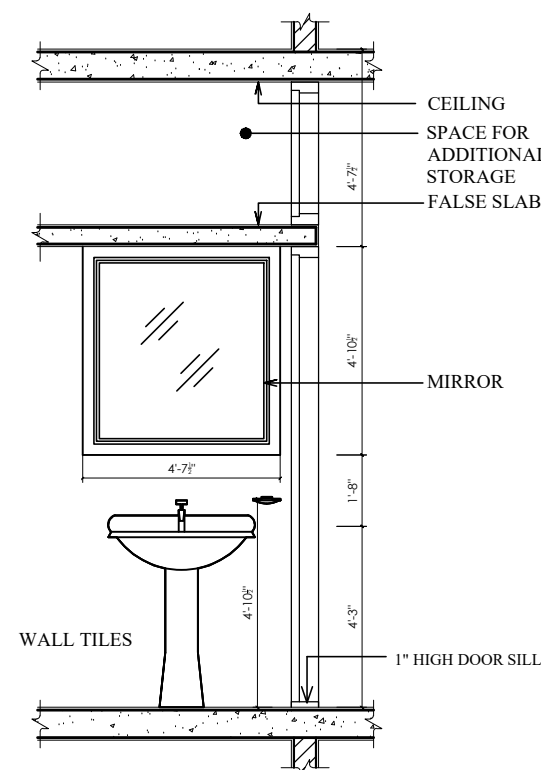
TYPICAL SECTION OF  
LOW PAN (common toilet zone)



TYPICAL SECTION OF  
PEDESTRIAN BASIN



TYPICAL SECTIONAL ELEVATION OF  
PEDESTRIAN BASIN



TYPICAL SECTIONAL ELEVATION OF  
PEDESTRIAN BASIN

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT : BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE : PLUMBING DRAWING

DRAWING BY : Saif Uddin Hiron Architect (DUET)

Kaniz Sufia Shimul Jr.Architect



**KANON**  
ARCHITECTS  
ADDRESS : 1ST FLOOR,HOUSE NO-03, BLOCK-L,ROAD-2/2,BANANI DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

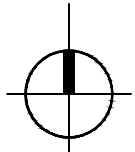
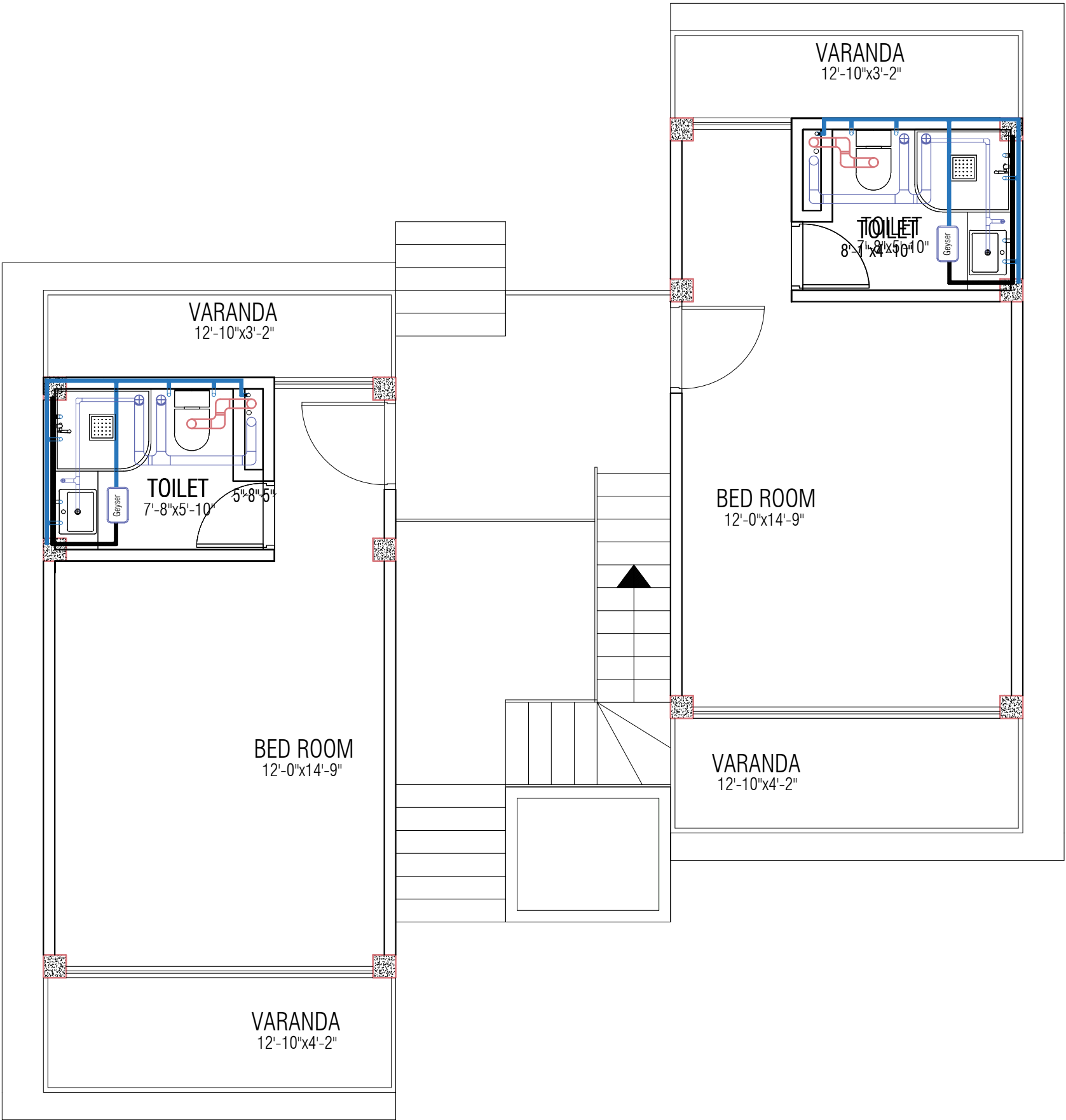
ENGINEER : SIGNATURE :  
Md. Solaiman  
Civil Engineer  
Anik Paul  
Civil Engineer

DRAWING NO : 2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN ,2025



# COTTAGE SANITARY FITTINGS LAYOUT

SCALE : NOT TO SCALE.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT : BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE : PLUMBING DRAWING

DRAWING BY :  
Saif Uddin Hiron  
Architect (DUET)  
Kaniz Sufia Shimul  
Jr.Architect

 **KANON**  
ARCHITECTS  
ADDRESS : 1ST FLOOR,HOUSE NO-03,  
BLOCK-L,ROAD-2/2,BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER :  
Md. Solaiman  
Civil Engineer  
Anik Paul  
Civil Engineer

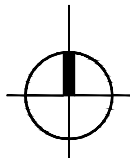
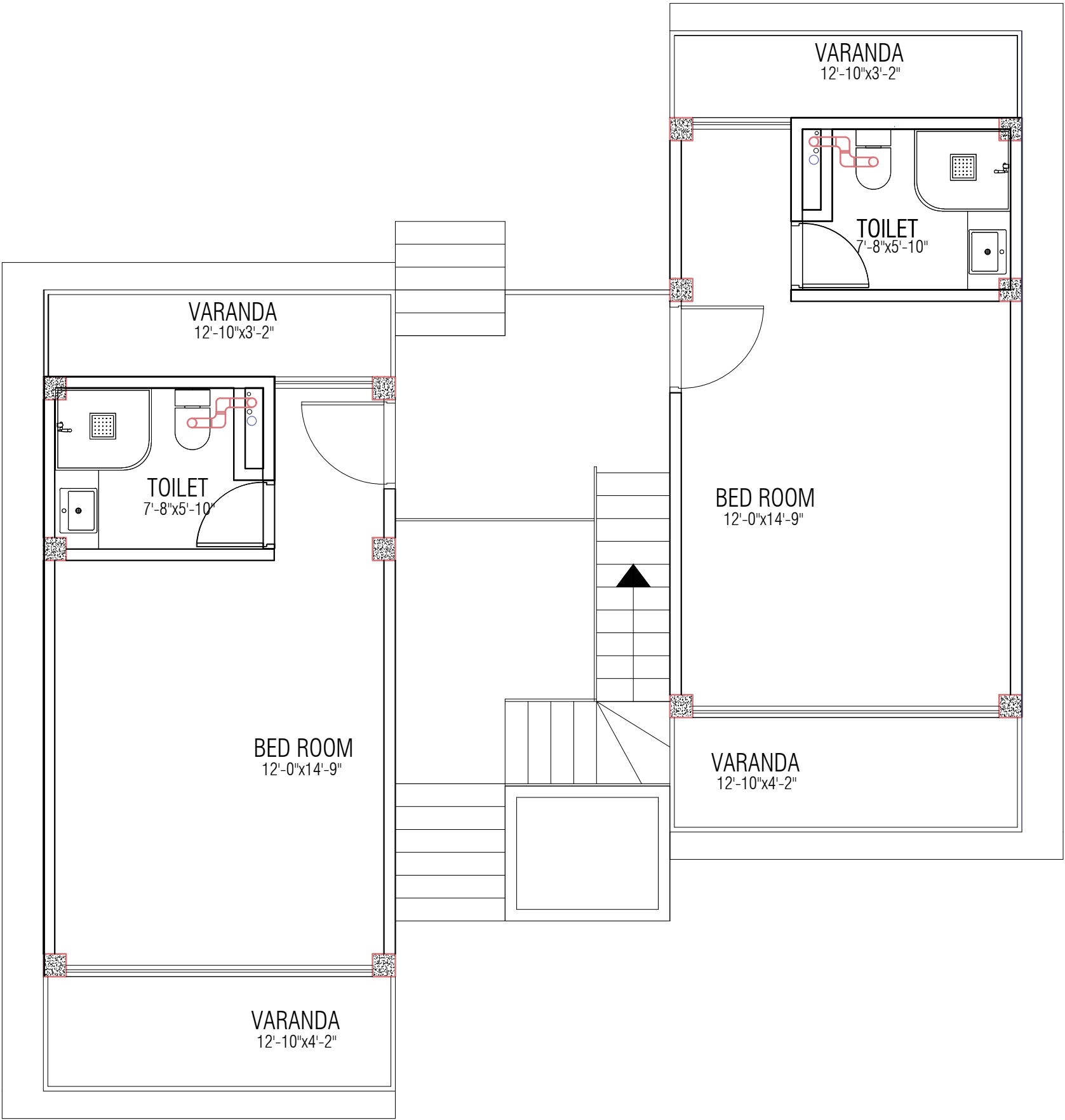
SIGNATURE :

DRAWING NO :  
2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN ,2025



# COTTAGE SOIL PIPE FITTINGS LAYOUT

SCALE : NOT TO SCALE.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT : BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE : PLUMBING DRAWING

DRAWING BY :  
Saif Uddin Hiron  
Architect (DUET)  
Kaniz Sufia Shimul  
Jr.Architect

 **KANON** ARCHITECTS  
ADDRESS : 1ST FLOOR,HOUSE NO-03, BLOCK-L,ROAD-2/2,BANANI DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER :  
Md. Solaiman  
Civil Engineer  
Anik Paul  
Civil Engineer

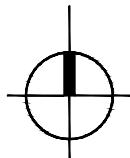
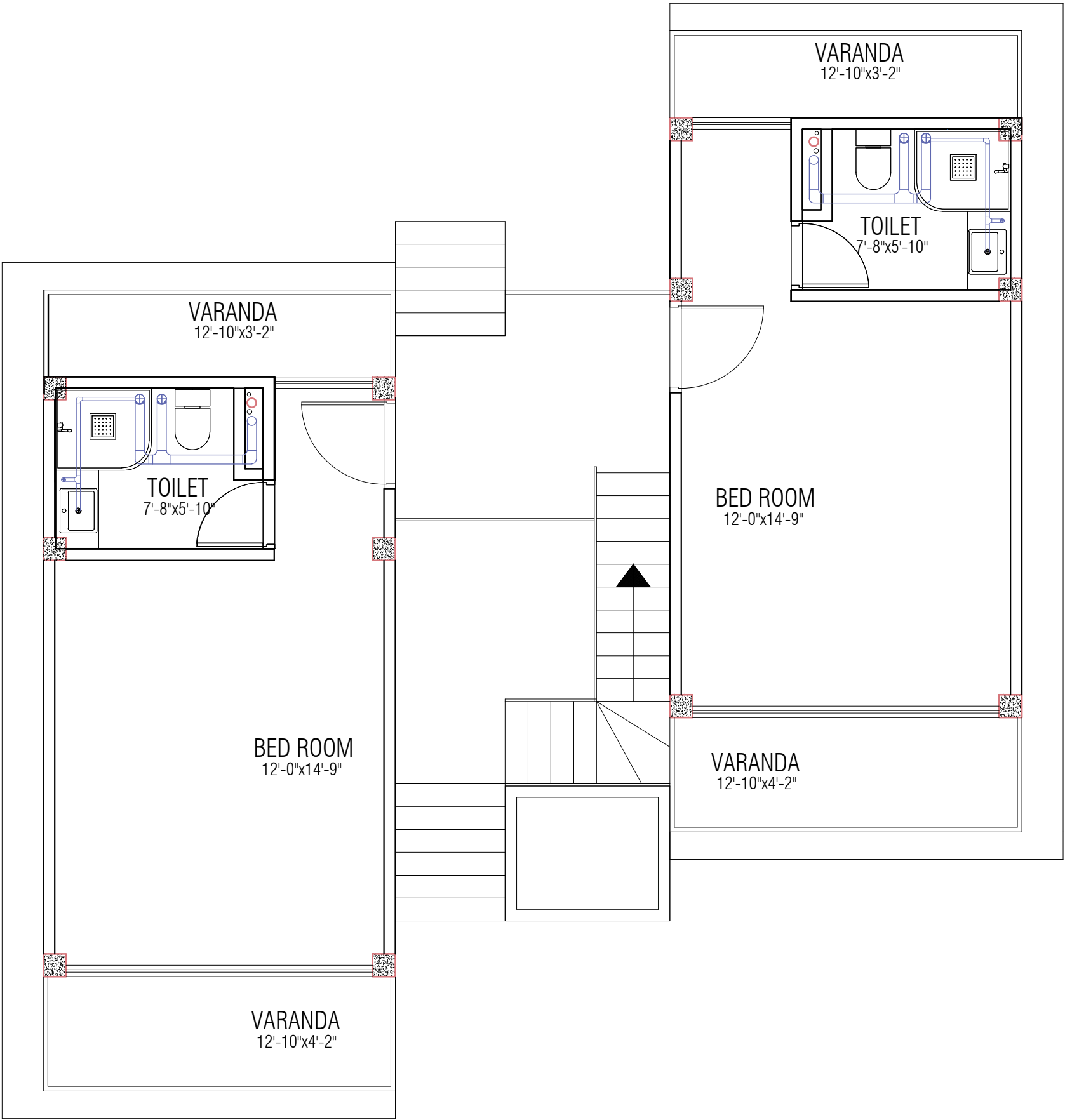
SIGNATURE :

DRAWING NO : 2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN ,2025



# COTTAGE WASTE WATER PIPE FITTINGS LAYOUT

SCALE : NOT TO SCALE.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE :  
PLUMBING DRAWING

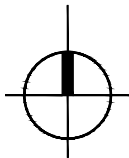
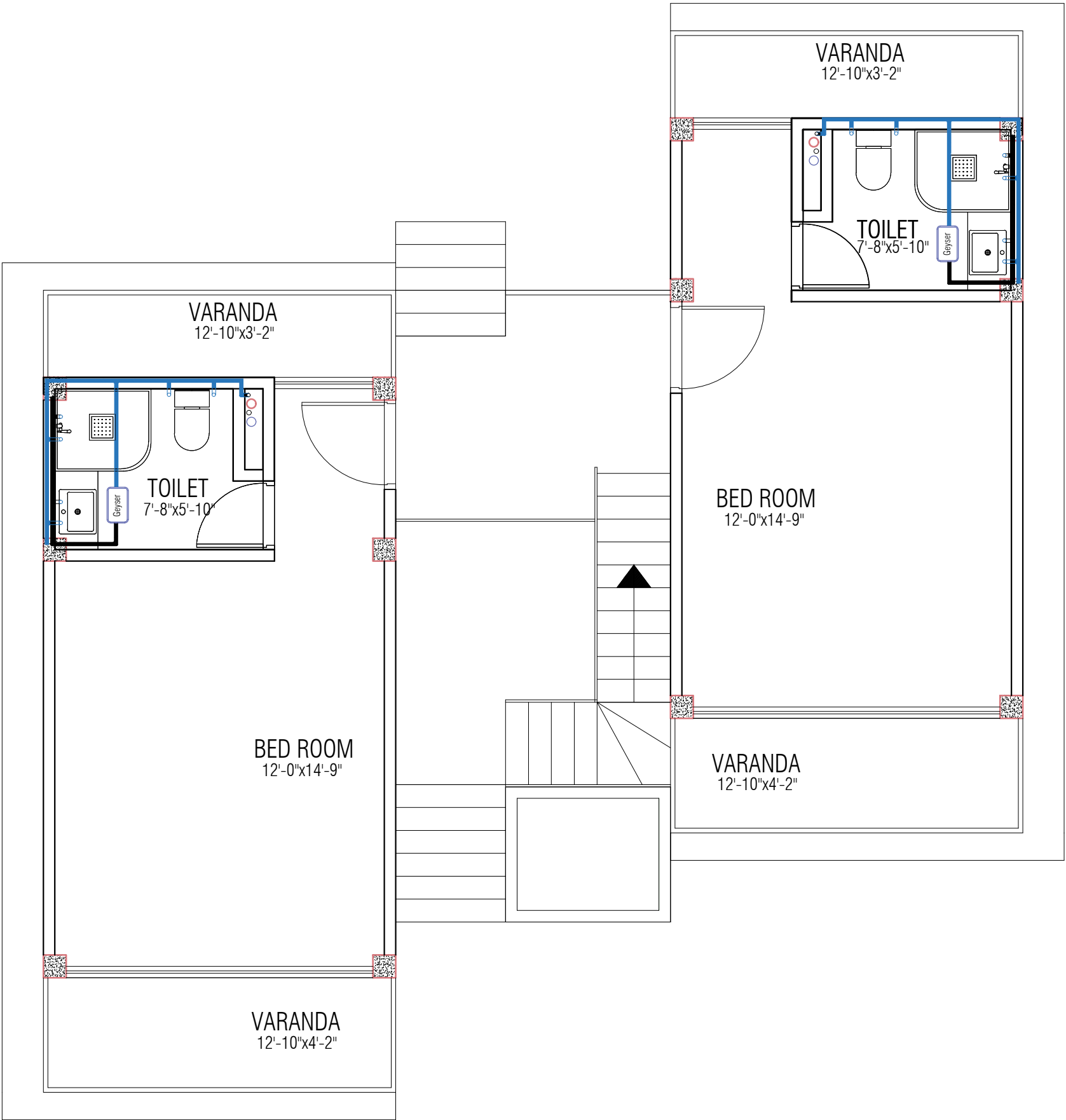
DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kaniz Sufia Shimul  
Jr.Architect

**KANON**  
ARCHITECTS

ADDRESS : 1ST FLOOR,HOUSE NO-03,  
BLOCK-L,ROAD-2/2,BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

|                                |             |
|--------------------------------|-------------|
| ENGINEER :                     | SIGNATURE : |
| Md. Solaiman<br>Civil Engineer |             |
| Anik Paul<br>Civil Engineer    |             |

|                             |
|-----------------------------|
| DRAWING NO :                |
| 2-STORIED COTTAGE BUILDING. |
| SHEET NO :                  |
| SCALE : NTS                 |
| DATE : JAN ,2025            |



COTTAGE WATER SUPPLY SYSTEM FITTINGS LAYOUT

SCALE : NOT TO SCALE.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT : BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE : PLUMBING DRAWING

DRAWING BY :  
Saif Uddin Hiron  
Architect (DUET)  
Kaniz Sufia Shimul  
Jr.Architect



**KANON**  
ARCHITECTS

ADDRESS : 1ST FLOOR,HOUSE NO-03, BLOCK-L,ROAD-2/2,BANANI DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER :  
Md. Solaiman  
Civil Engineer  
Anik Paul  
Civil Engineer

SIGNATURE :

DRAWING NO :  
2-STORIED COTTAGE BUILDING.

SHEET NO :

























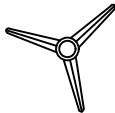



















SCALE : NTS

DATE : JAN ,2025



# BEACH PARADISE HOTEL & RESTAURANT

## (COTTAGE ELECTRICAL DRAWING)

| LEGEND  |      |                          |   |      |  |
|---|------|--------------------------|---|------|--|
|    | CL   | CEILING ROSE             |    | QS   | 15A 3PIN AT SKIRTING                   |
|    | WL   | WALL BRACKET             |    | RS   | 13A 3-PIN AT SKIRTING                  |
|    | BL   | LIGHT ON BASIN           |    | RM   | 13A 3PIN ON MAN HEIGHT                 |
|    | wL   | WALL LIGHT               |    | TS   | TELEPHONE SOCKET AT SKIRTING           |
|    | FWL  | LIGHT IN FALSE CEILING   |    | AS   | ANTENA SOCKET AT SKIRTING              |
|    | SP   | Spot Light               |    | SB   | SWITCH BOARD                           |
|    | GL   | Gate Light               |    | SDB  | SWITCH DISTRIBUTION BOARD              |
|    | SL   | SECURITY LIGHT           |    | BP   | BELL PUSH                              |
|    | GR   | Garden Light             |    | CB   | CALLING BELL                           |
|    | cctv | CC. CAMERA               |    | FDB  | FLAT DISTRIBUTION BOARD                |
|    | TL   | 2' x 4 TUBE LIGHT SHADE  |    | E    | EARTHING                               |
|    | TL   | TUBE LIGHT               |  | L/A  | LIGHTNING ARRESTER                     |
|   | CF   | CEILING FAN              |  | eSB  | EMERGENCY SWITCH BOARD                 |
|  | DP   | 20A Switch               |  | DJB  | CABLE TV JUNCTION BOX                  |
|  | EF   | EXHAUST FAN              |  | MB   | METER BOARD                            |
|  | PS   | 2PIN 10A AT SKIRTING     |  | EMDB | EMERGENCY MAIN/WING DISTRIBUTION BOARD |
|  | PB   | 2PIN 10A ON SB           |  | MDB  | MAIN/WING DISTRIBUTION BOARD           |
|  | PM   | 2PIN 10A ON MAN HEIGHT   |  | IPS  | Integrated Power System                |
|  | QM   | 15A 3PIN ON MAN HEIGHT   |  | IJB  | INTERCOM JUNCTION BOARD                |
|  | QL   | 15A 3PIN AT LINTEL LEVEL |  | IJB  | INTERNET JUNCTION BOARD                |
|  | AC   | AIR CONDITIONER          |  | GS   | GRITURE SWITCH                         |
|   |      |                          |  | TV   | TV ANTINA                              |
|   |      |                          |  | TL   | TELEPHONE LINE                         |

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING INANI,COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE :  
ELECTRICAL DRAWING

DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kaniz Sufia Shimul  
Jr.Architect

  
ARCHITECTS  
ADDRESS : 1ST FLOOR,HOUSE NO-03,  
BLOCK-L,ROAD-2/2,BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

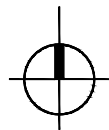
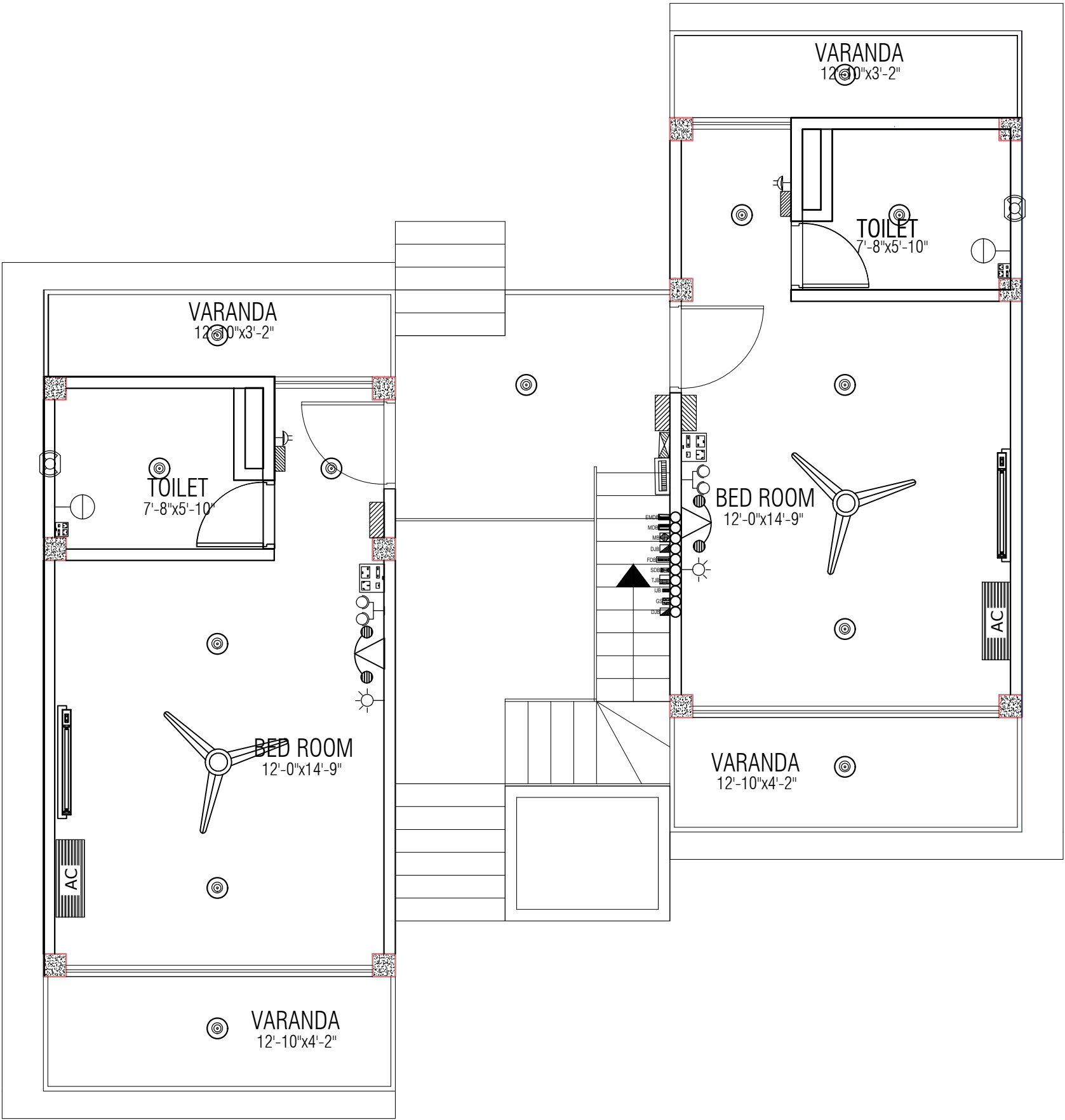
ENGINEER :      SIGNATURE :  
  
Md. Solaiman  
Civil Engineer  
  
Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN ,2025



**COTTAGE ELECTRICAL LAYOUT PLAN**  
SCALE : NOT TO SCALE.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING  
INANI,COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE :  
ELECTRICAL DRAWING

DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kaniz Sufia Shimul  
Jr.Architect

**KANON**  
ARCHITECTS

ADDRESS : 1ST FLOOR,HOUSE NO-03,  
BLOCK-L,ROAD-2/2,BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

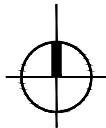
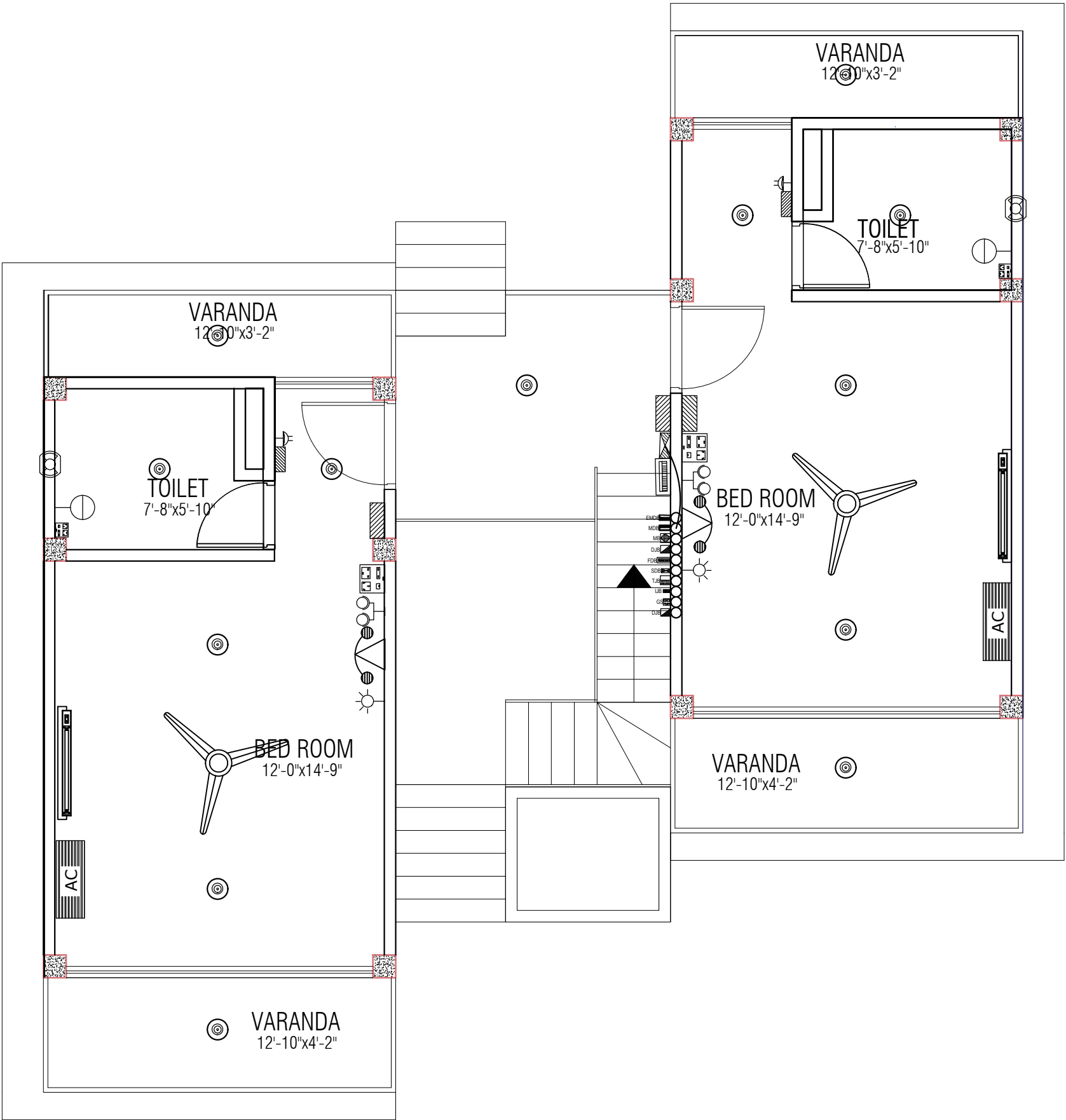
ENGINEER :      SIGNATURE :  
  
Md. Solaiman  
Civil Engineer  
  
Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN ,2025



**COTTAGE MDB TO SDB CONNECTION LAYOUT PLAN**

SCALE : NOT TO SCALE.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING  
INANI,COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE :  
ELECTRICAL DRAWING

DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kaniz Sufia Shimul  
Jr.Architect

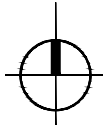
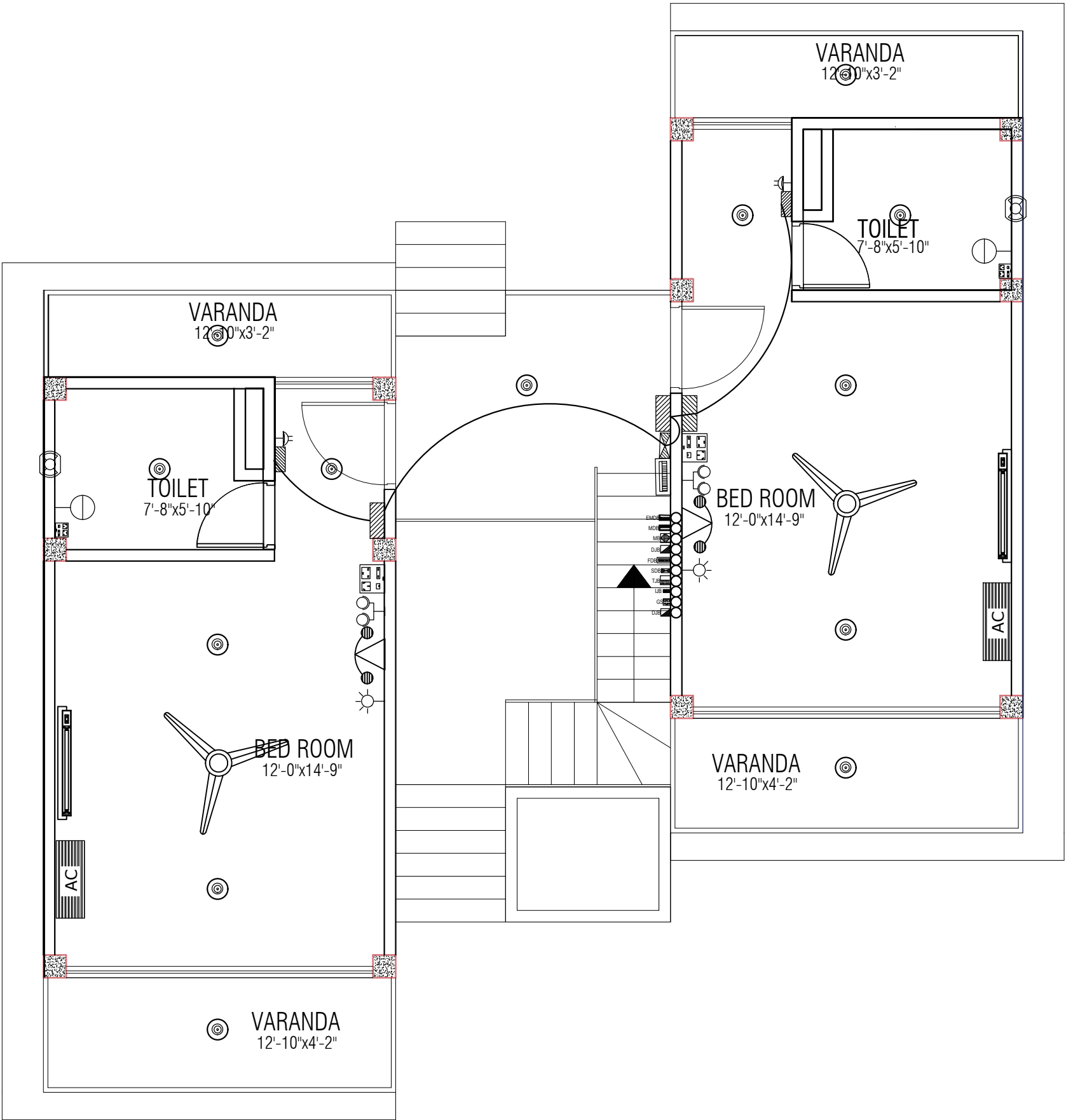


**KANON**  
ARCHITECTS

ADDRESS : 1ST FLOOR,HOUSE NO-03,  
BLOCK-L,ROAD-2/2,BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

|                                |             |
|--------------------------------|-------------|
| ENGINEER :                     | SIGNATURE : |
| Md. Solaiman<br>Civil Engineer |             |
| Anik Paul<br>Civil Engineer    |             |

|                             |
|-----------------------------|
| DRAWING NO :                |
| 2-STORIED COTTAGE BUILDING. |
| SHEET NO :                  |
| SCALE : NTS                 |
| DATE : JAN ,2025            |



**COTTAGE SDB TO SB CONNECTION LAYOUT PLAN**  
SCALE : NOT TO SCALE.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING  
INANI, COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE :  
ELECTRICAL DRAWING

DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kaniz Sufia Shimul  
Jr. Architect

**KANON**  
ARCHITECTS

ADDRESS : 1ST FLOOR, HOUSE NO-03,  
BLOCK-L, ROAD-2/2, BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

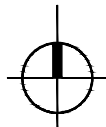
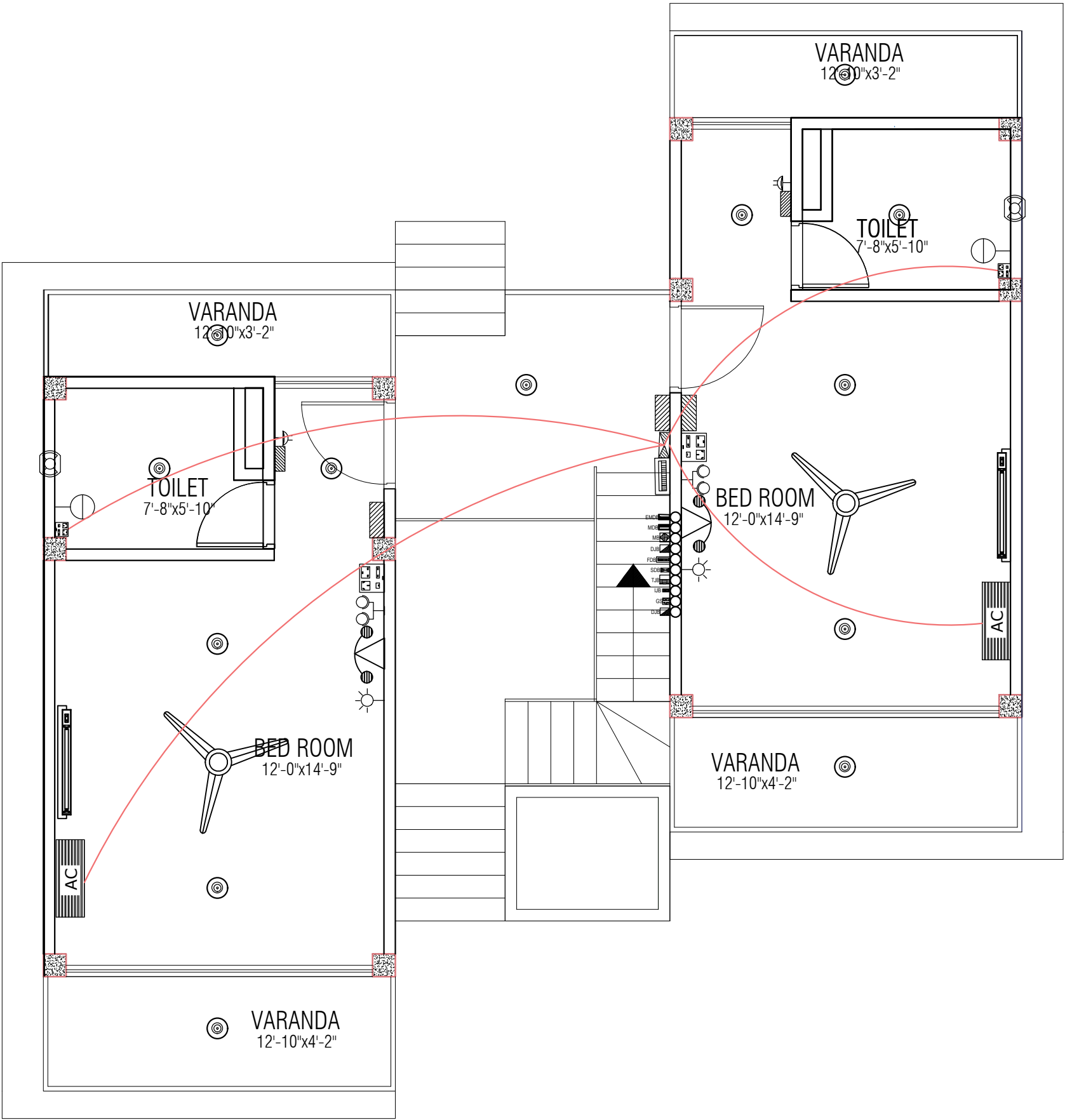
ENGINEER :      SIGNATURE :  
  
Md. Solaiman  
Civil Engineer  
  
Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.

SHEET NO :

SCALE : NTS

DATE : JAN , 2025



**COTTAGE SDB TO AC CONNECTION LAYOUT PLAN**  
SCALE : NOT TO SCALE.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING  
INANI, COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL & RESTAURANT

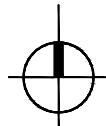
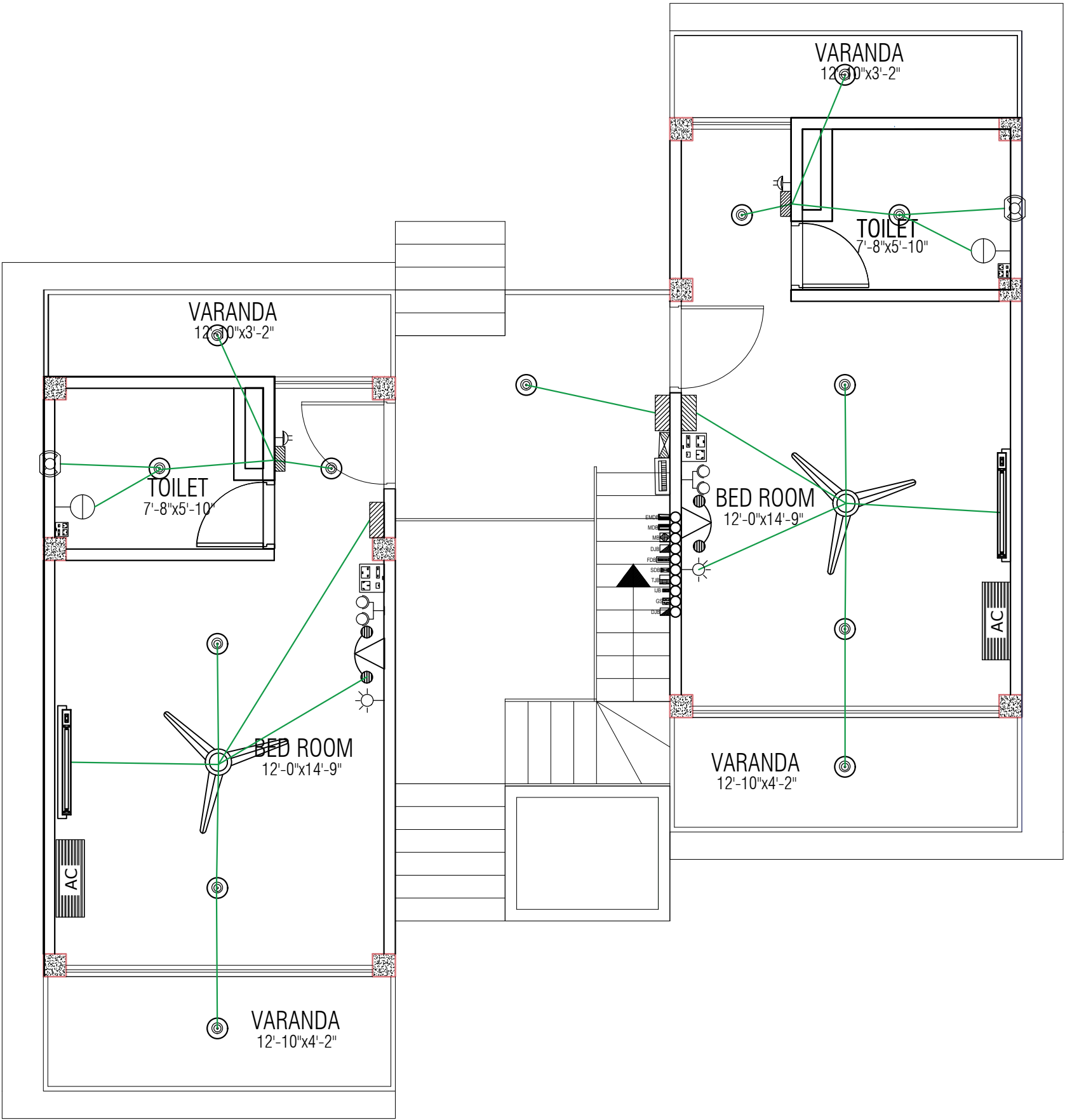
DRAWING TITLE :  
ELECTRICAL DRAWING

DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kaniz Sufia Shimul  
Jr. Architect

 **KANON**  
ARCHITECTS  
ADDRESS : 1ST FLOOR, HOUSE NO-03,  
BLOCK-L, ROAD-2/2, BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER :      SIGNATURE :  
  
Md. Solaiman  
Civil Engineer  
  
Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.  
SHEET NO :  
SCALE : NTS  
DATE : JAN , 2025



**COTTAGE SB TO FITTINGS LAYOUT PLAN**  
SCALE : NOT TO SCALE.

Information contained on this drawing is the property of kanon architects. copying or using this drawing in notice or part without written permission is unauthorised.

PROPOSED 02 STORIED COTTAGE BUILDING  
INANI,COX'S BAZAR .

CLIENT :  
BEACH PARADISE HOTEL & RESTAURANT

DRAWING TITLE :  
ELECTRICAL DRAWING

DRAWING BY :  
  
Saif Uddin Hiron  
Architect (DUET)  
  
Kaniz Sufia Shimul  
Jr.Architect

 **KANON**  
ARCHITECTS  
ADDRESS : 1ST FLOOR,HOUSE NO-03,  
BLOCK-L,ROAD-2/2,BANANI  
DHAKA -1213, BANGLADESH.  
CELL : +8801811791189.  
Email : kanonarchitects01@gmail.com  
Web : www.kanonarchbd.com

ENGINEER :      SIGNATURE :  
  
Md. Solaiman  
Civil Engineer  
  
Anik Paul  
Civil Engineer

DRAWING NO :  
2-STORIED COTTAGE BUILDING.  
SHEET NO :  
SCALE : NTS  
DATE : JAN ,2025