

FOR OFFICIAL USE ONLY



CLIENT:
JANATA CAMPUS PUNARBAS
PUNARBAS MUNICIPALITY-06,
TRIBHUVANBASTI, KANCHANPUR

Name Of Consultant :
SAIPAL ENGINEERING CONSULTANCY
DHANGADHI-01, KAILALI

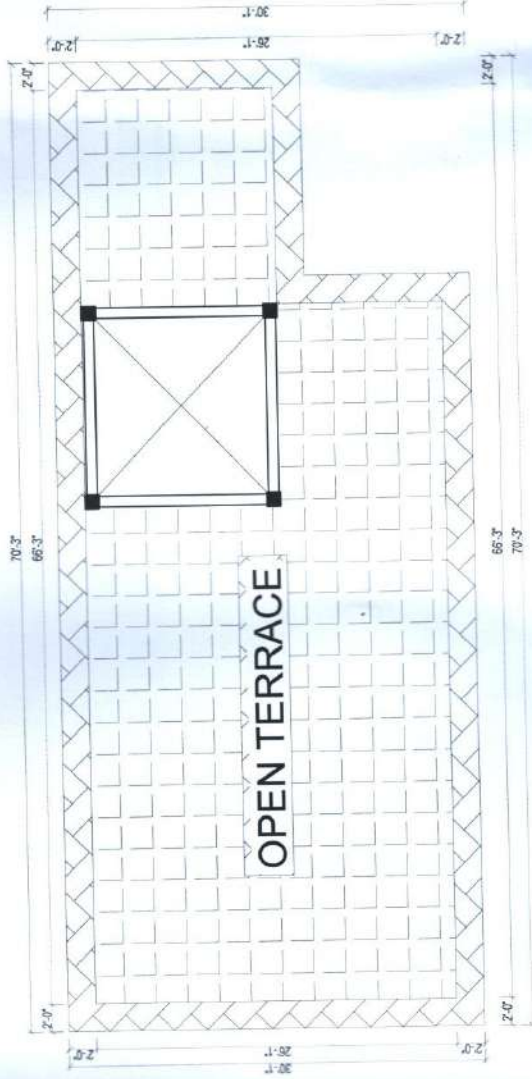
Name Of Project:
Construction of Library Building
Checked By:
Er. Deepak Upadhyay
He has the total work

Building Plinth Area:-
1539.82 Sq. Ft.
Drawn By:
Ganeshwar Chaudhary
Sub-Engineer

Details:-
ROOF PLAN

Scale:
1" = 8'-0"

Date:- 2024
Sheet No:- 3



ROOF PLAN

Area of Building :- 1925.12 Sq.Ft.

OPENINGS SCHEDULE

S.N.	SYM.	PARTICULAR	WIDTH	HEIGHT	NOS.
1.	D	DOOR	3'-0"	7'-0"	5
2.	D1	DOOR	2'-6"	7'-0"	6
3.	W	WINDOW	5'-0"	5'-0"	7
4.	W1	WINDOW	3'-0"	5'-0"	2

[Signature]
Er. Deepak Upadhyay
NEC No. 16269, Civil "A"

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CURT:

JANATA CAMPUS PUNARBAS
PUNARBAS MUNICIPALITY-06,
TRIBHUWANBASTI, KANCHANPUR

Name Of Consultant :

SAIPAL ENGINEERING CONSULTANCY
DHANGADHI-01, KAILALI

Name Of Project:-

Er. Deepak Upadhyay
Construction of Library Building
Net Regd No: 14582 DMR

Building Plinth Area:-

1539.82 Sq Ft
Drawn By:-
Chandani Chaudhary
Sub-Engineer

Details:-

SECTIONAL ELEVATION

Scale:

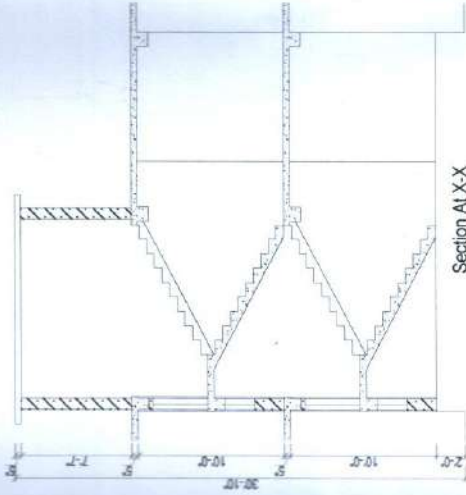
1" = 8'-0"

Date:-

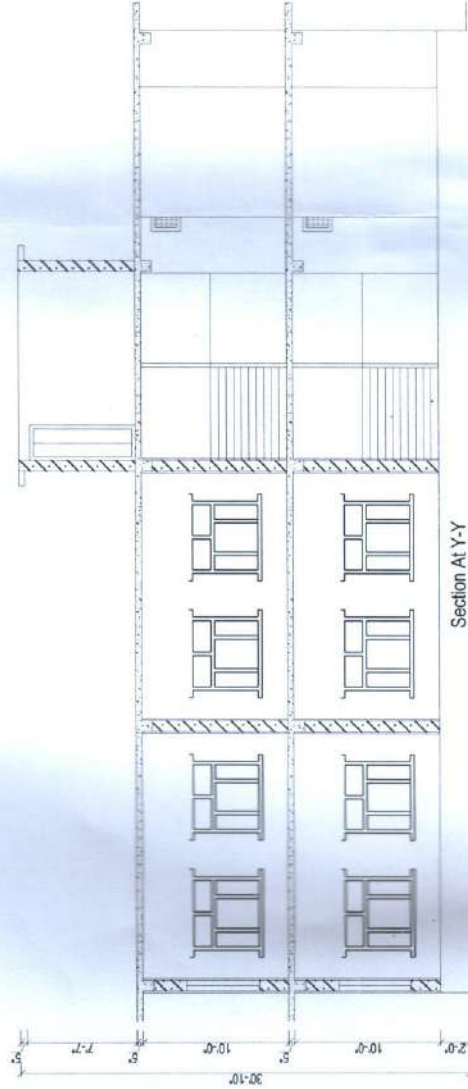
2024

Sheet No:-

4



Section At X-X



Section At Y-Y

Signature of Er. Deepak Upadhyay

Er. Deepak Upadhyay
REG No. 14582 DMR

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PUNARBAS MUNICIPALITY-06,
TRIBHUWANBASTI, KANCHANPUR

Name Of Consultant :

SAIPAL ENGINEERING CONSULTANCY
DHANGADHU-01, KAILALI

Name Of Project:-
Construction of Library Building

Checked By:-
Er. Deepak Upadhyay
Nepal No. 16269

Building Plinth Area:-
1539.82 Sq Ft

Drawn By:-
Ghanshyam Chaudhary
Sub-Engineer

Details:-

ELEVATION

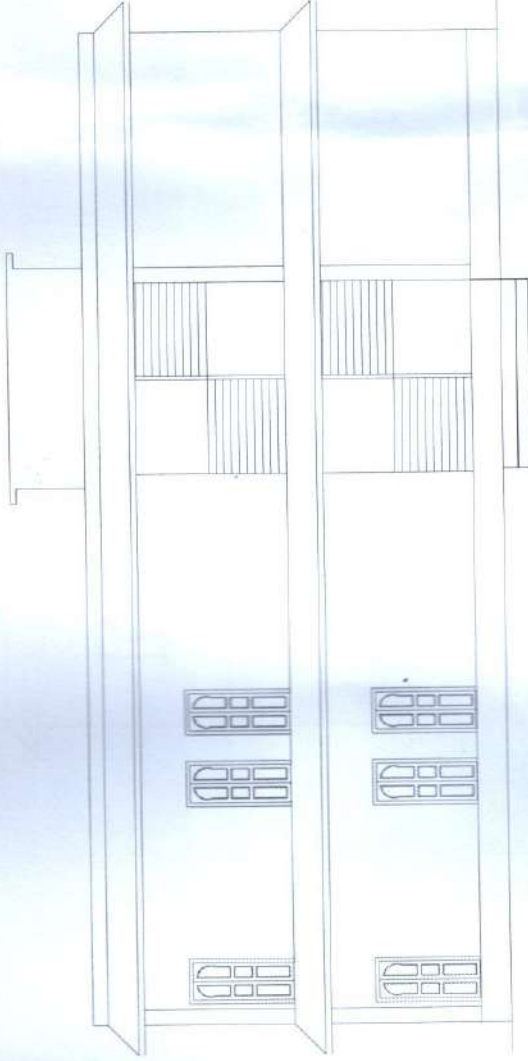
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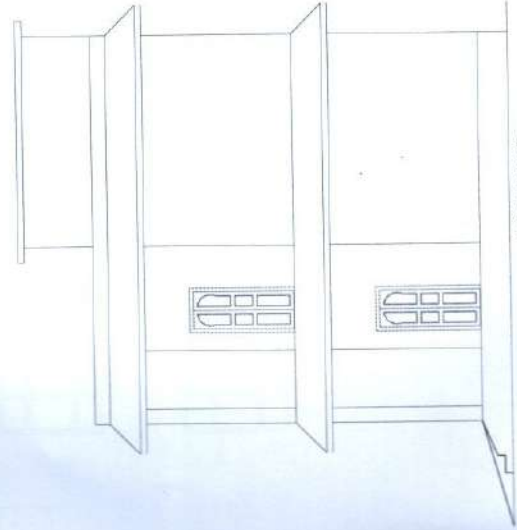
Date:- 2024

Sheet No.:

5



FRONT SIDE



RIGHT SIDE

Er. Deepak Upadhyay
Er. Deepak Upadhyay
NEC No. 16269 'Civil "A"'

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JANATA CAMPUS PUNARBAS
PUNARBAS MUNICIPALITY-06,
TRIBHUWANBASTI, KANCHANPUR

Name Of Consultant :
SAIPAL ENGINEERING CONSULTANCY
DHANKADHARI, KAILALI

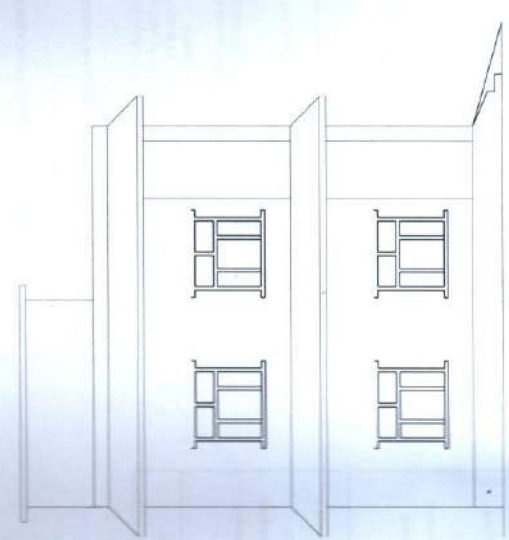
Name Of Project:-
Construction of Library Building
Checked By:-
Er. Deepak Upadhyay
Lic No. 16269

Building Plinth Area:-
1539.82 Sq. Ft.
Drawn By:-
Ganesh Chaudhary
Sub-Engineer

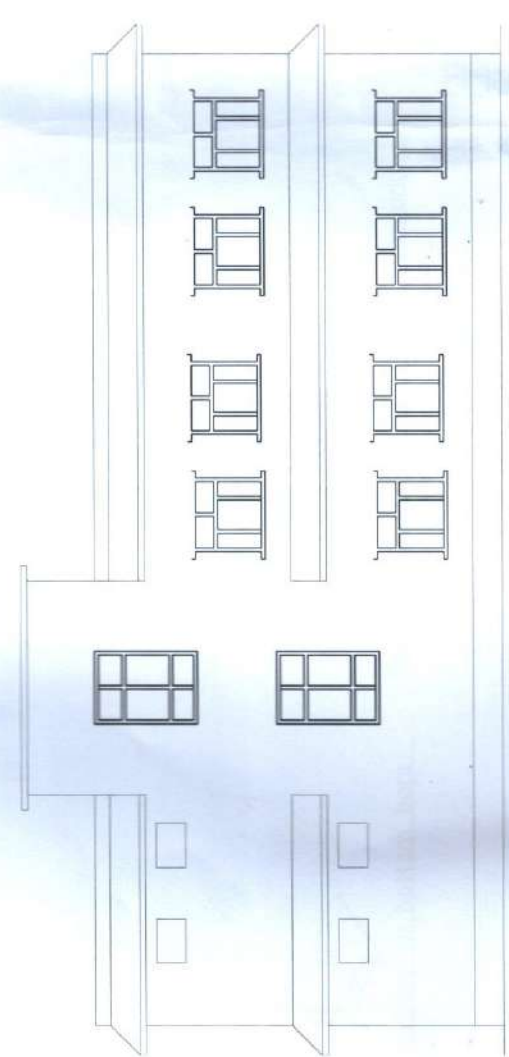
Details:-
ELEVATION

Scale:
1" = 8'-0"

Date:- 2024
Sheet No:- 6



LEFT SIDE



BACK SIDE

Er. Deepak Upadhyay
LIC No. 16269 'Civil' 'A'

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JANATA CAMPUS PUNARBAS
PUNARBAS MUNICIPALITY-08,
TRIBHUWANBASTI, KANCHANPUR

Name Of Consultant :

SAIPAL ENGINEERING CONSULTANCY
DHAKADH-01, KAILAU

Name Of Project:-

Construction of Library Building

Checked By:-

Er. Deepak Upadhyay
Reg. No. 15398 Cat. X

Building Plan Area:-

1539.82 Sq. Ft.

Drawn By:-

Chandana Chandra
Sub-Engineer

Details:-

REINFORCEMENT DETAILS

Scale:

1" = 8'-0"

Date:-

2024

Sheet No.:-

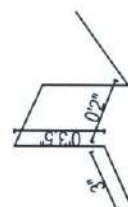
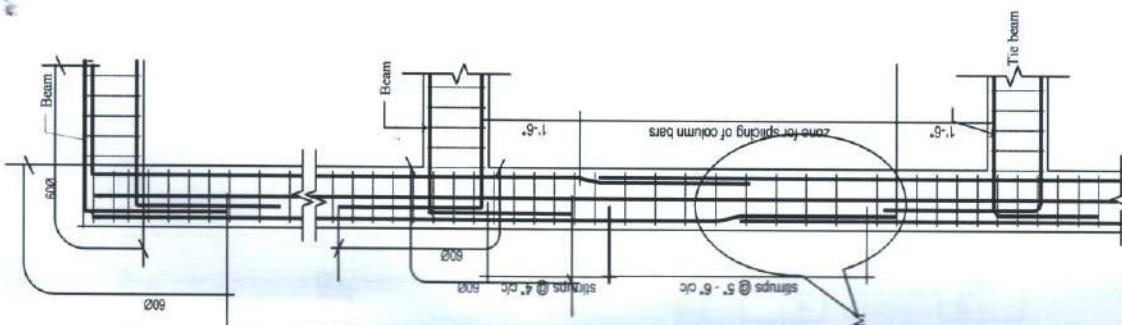
7

Note -

- 1) Concrete grade for all the R.C.C. work shall be of M20(1:1.5:3)
- 2) Mortar mix for all brick works shall be 1:4
- 3) Minimum clear cover for slab, beam, column and foundation shall be 15mm, 25mm, 40mm and 50mm respectively.
- 4) The Formwork should be removed only after 24 hours of Concreting. The curing of Columns should be carried properly by putting water on column surfaces for minimum 7 days. Jute bags can be used to cover the column surfaces during curing to keep the surfaces wet.
- 5) Shear key of size 100 x 100 x 100 mm should be provided at the top surface of the Column to avoid cold joint between old and new concrete and to strengthen the Column.
- 6) According to soil type round the foundation, it is adopted for medium foundation according to NBC 205.

COLUMN DETAILS

Type	Ground floor	First floor
C1		
C2		



8mm dia Chair Resting on Slab formworks

8mm dia Chair Resting on bottom bars

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PUNARBAS MUNICIPALITY-06,
TRIBHUVANBASTI, KANCHANPUR

Name Of Consultant :
SAIPAL ENGINEERING CONSULTANCY
DHANGADHI-01, KAILALI

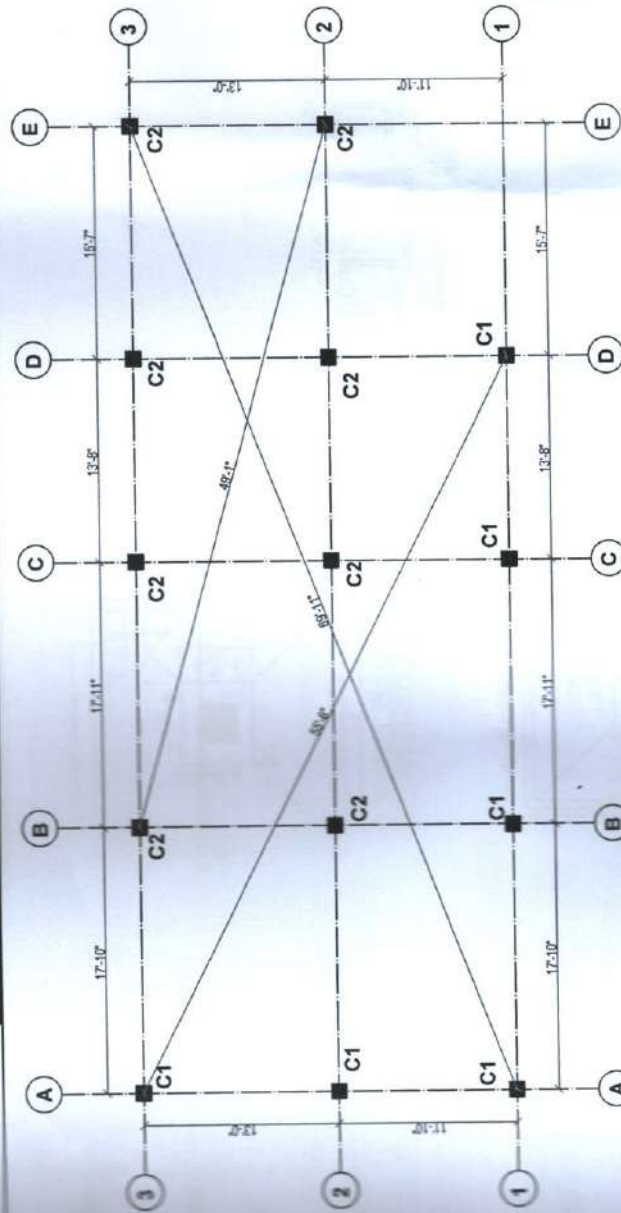
Checked By:-
Er. Deepak Upadhyay
Construction of Library Building
No. Reg. No. 1024101

Drawn By:-
Ghanesh Chaudhary
1539 82 Sq Ft
Jr. Engineer

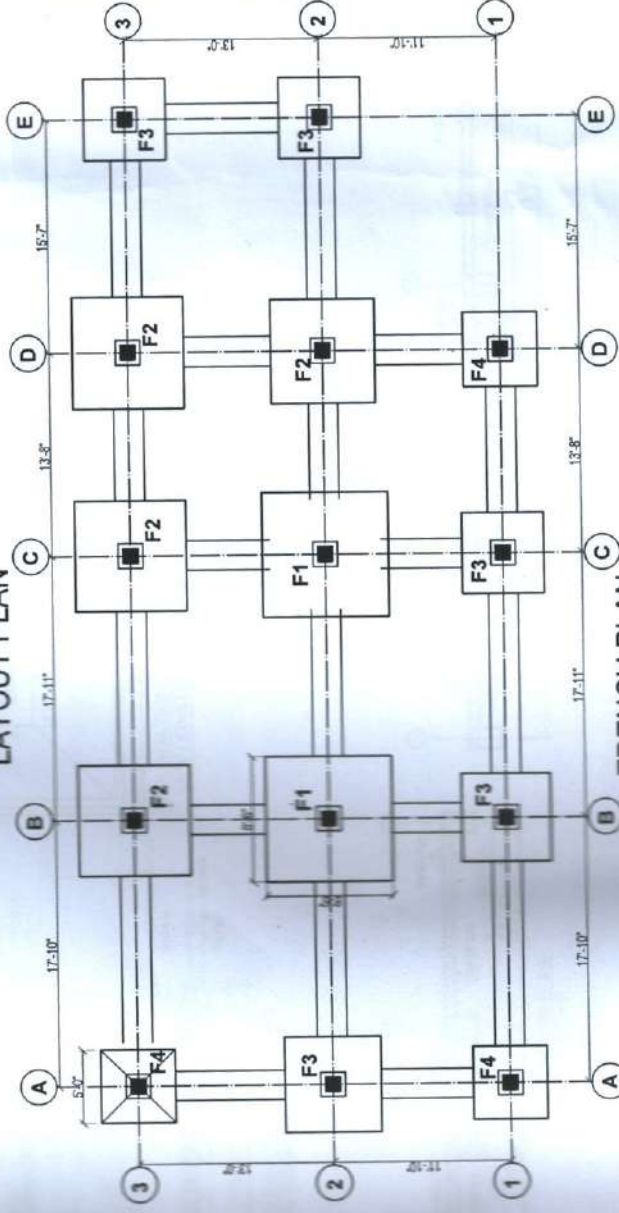
Details:-
LAYOUT & TRENCH PLAN

Scale:
1" = 8'-0"

Date:-
2024
Sheet No:-
10



LAYOUT PLAN



TRENCH PLAN

Er. Deepak Upadhyay
NEC No. 16269 'Civil' 'A'

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CLIENT:

JANATA CAMPUS PUNARBAS
PUNARBAS MUNICIPALITY-06,
TRIBHUVANBASTI, KANCHANPUR

Name Of Consultant :

SAIPAL ENGINEERING CONSULTANCY
DHANGADHI-01, KAILALI

Name Of Project:

Construction of Library Building
 No. Regd. No. 1029 Cat 'F'

Checked By:

Er. Deepak Upadhyay
 (Signature)

Building Plinth Area:

1539.82 Sq Ft

Drawn By:

(Signature)
 Sub Engineer

Detail:-

FOUNDATION DETAILS

Scale:

1" = 8'-0"

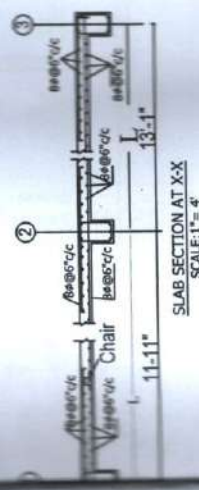
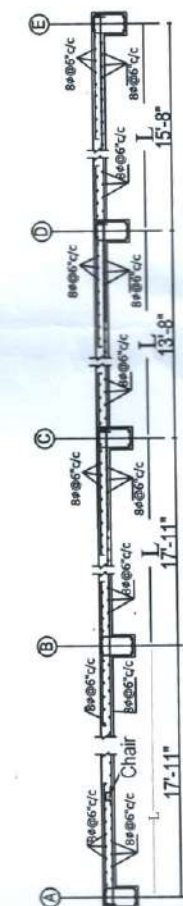
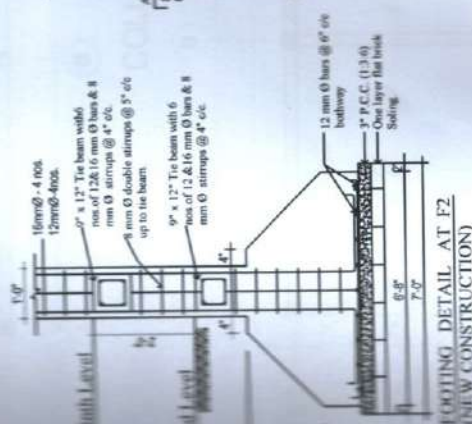
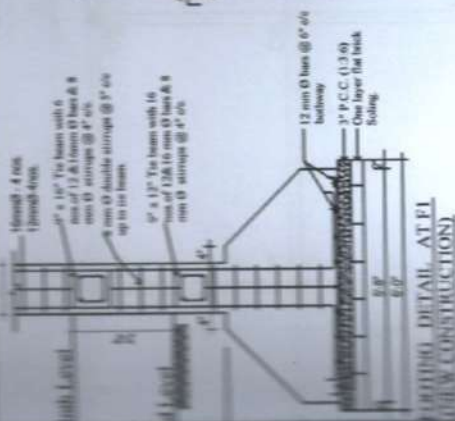
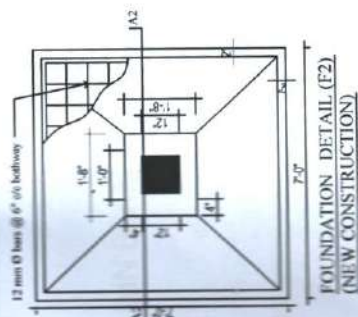
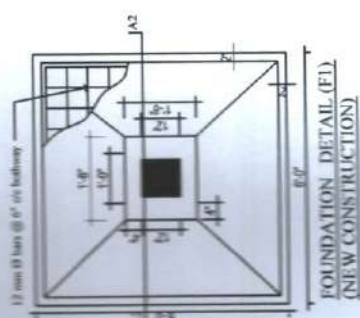
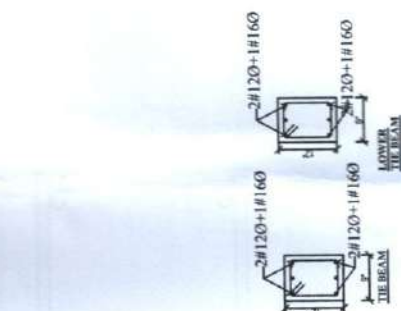
Date:-

2024

Sheet No.:

11

(Signature)
Er. Deepak Upadhyay
 NEC No. 16269 'Civil' "K"



SLAB SECTION AT Y-Y
 SCALE: 1" = 4'

SLAB SECTION AT X-X
 SCALE: 1" = 4'

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PUNARBAS MUNICIPALITY-06,
TRIBHUWANBASTI, KANCHANPUR

Name Of Consultant :

SAIPAL ENGINEERING CONSULTANCY
DHANGADHI-01, KAILASH

Name Of Project:-

Construction of Library Building

Checked By:-

Er. Deepak Upadhyay
Lic. Reg. No. 2028 CEN

Building Plinth Area:-

1539.82 Sq.Ft.

Drawn By:-

Gnanabhan Chaudhary
Sub-Engineer

Details:-

SLAB DETAILS

Scale:

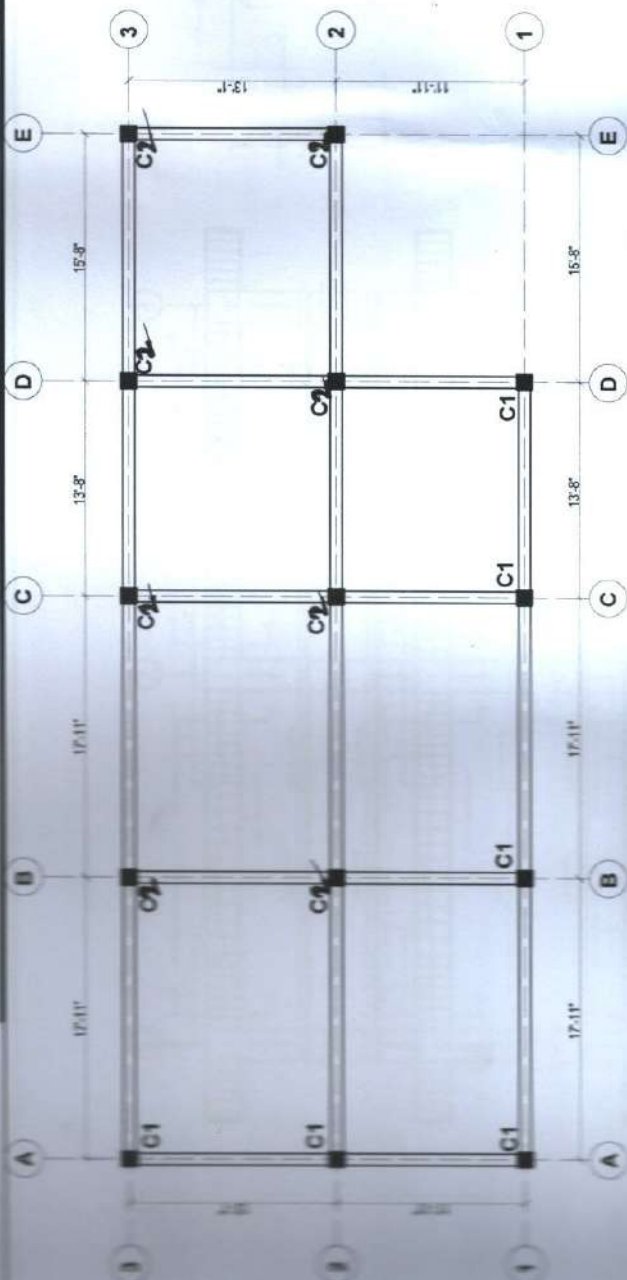
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Date:-

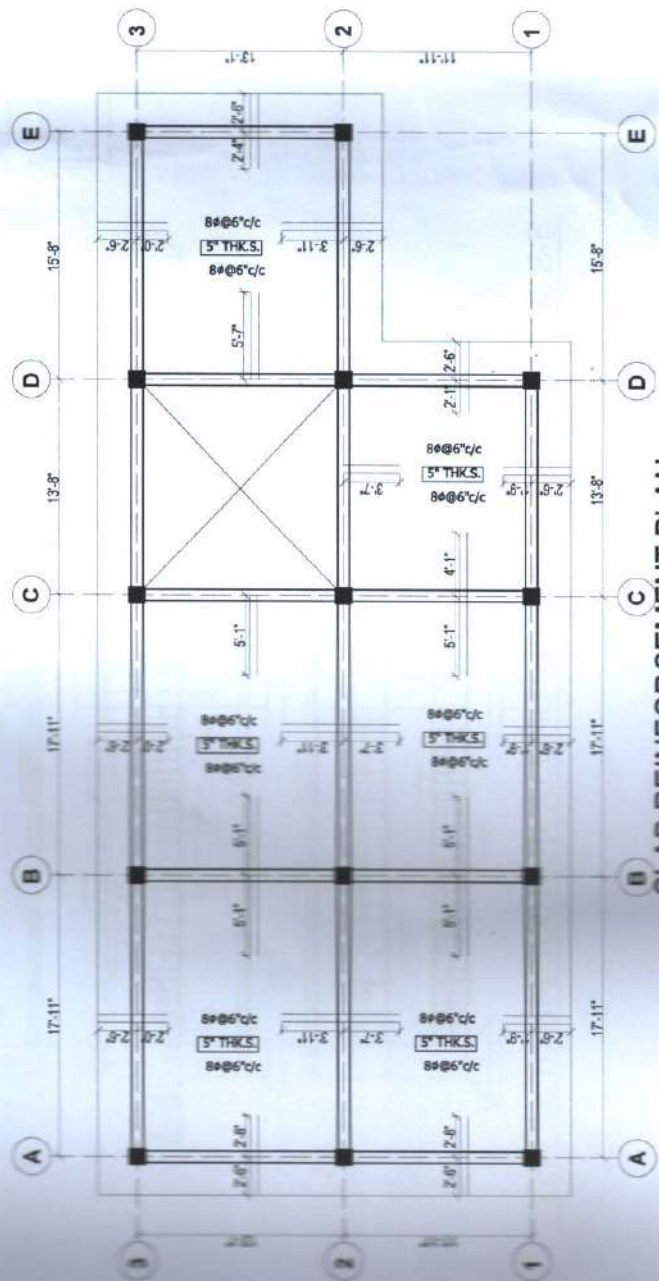
2024

Sheet No:-

REC No: 10269 CIVIL/24
Er. Deepak Upadhyay



COLUMN BEAM PLAN



SLAB REINFORCEMENT PLAN

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PUNARBAS MUNICIPALITY-06,
TRIBHUWANBASTI, KANCHANPUR

Name Of Consultant :

SAIPAL ENGINEERING CONSULTANCY
DHANGADHI-01, KAILALI

Checked By:-

Er. Deepak Upadhyay
Nep. Reg. No. 1828 Out W

Drawn By:-

Chandrasekhar Chaudhary
Sub-Engineer

Building Plinth Area:-

1539.82 Sq Ft.

Detail:-

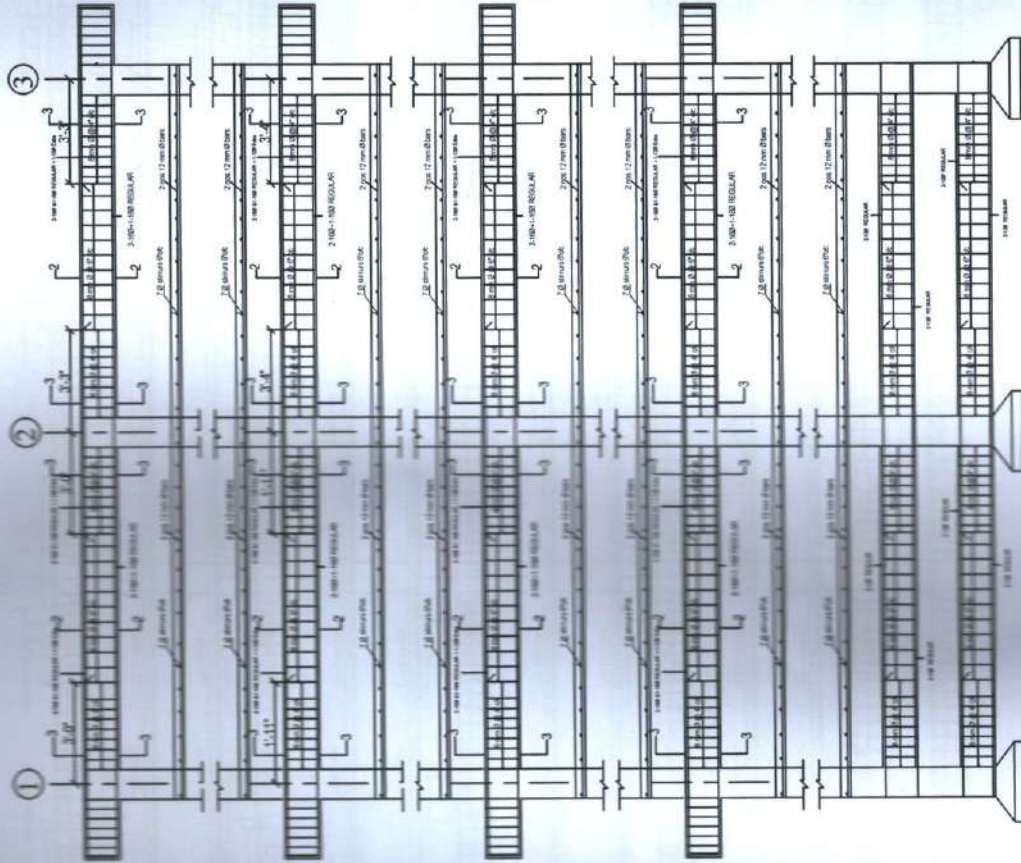
TYPICAL BEAM SECTION

Date:-

2024

Sheet No.:

13



TYPICAL BEAM SECTION ALONG GRID A-A, B-B, C-C, D-D & E-E

Er. Deepak Upadhyay
Nep. Reg. No. 1828 Out W

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PUNARBAS MUNICIPALITY-06,
TRIBHUWANBASTI, KANCHANPUR

Name Of Consultant :

SAIPAL ENGINEERING CONSULTANCY
DHANGADHI-01, KAILALI

Name Of Project:-

Construction of Library Building
No. Reg. No. 1028 C.A.R.

Building Plinth Area:-

1539.82 Sq. Ft.

Details:-

TYPICAL BEAM SECTION

Scale:

1" = 8'-0"

Date:-

2024

Sheet No.:

14



TYPICAL BEAM SECTION ALONG GRID 1-1, 2-2, 3-3

Er. Deepak Upadhyay
Er. Deepak Upadhyay
NEC No. 16269 'Civil' 'A'

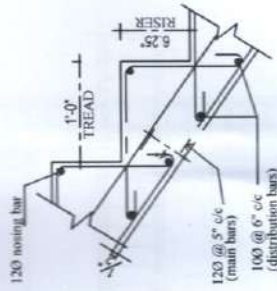
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JANATA CAMPUS PUNARBAS
PUNARBAS MUNICIPALITY-06,
TRIBHUWANBASTI, KANCHANPUR

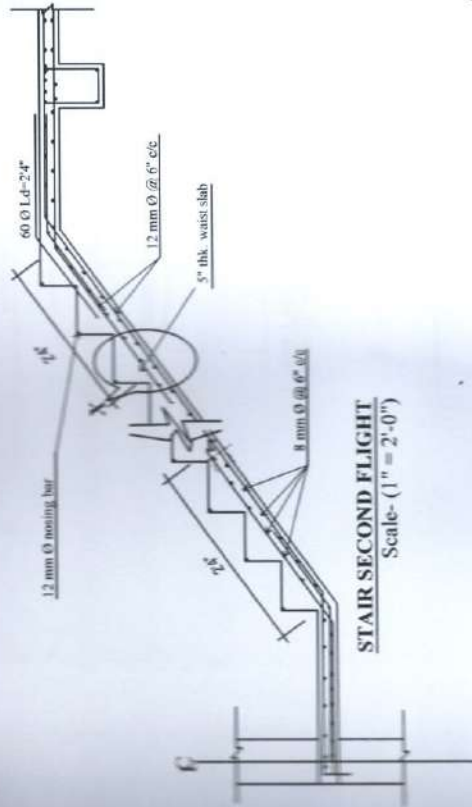
Name Of Consultant :
SAIPAL ENGINEERING CONSULTANCY
DHANGADHI-01, KAILALI

Name Of Project:- Construction of Library Building	Checked By:- Er. Deepak Upadhyay Net Regd No: 16269 Cat 'A'
Building Plinth Area:- 1539.82 Sq Ft	Drawn By:- Ganesham Chaudhary Sub-Engineer
Details:- STAIRCASE DETAILS	
Scale:- 1" = 8'-0"	
Date:- 2024	Sheet No:- 15

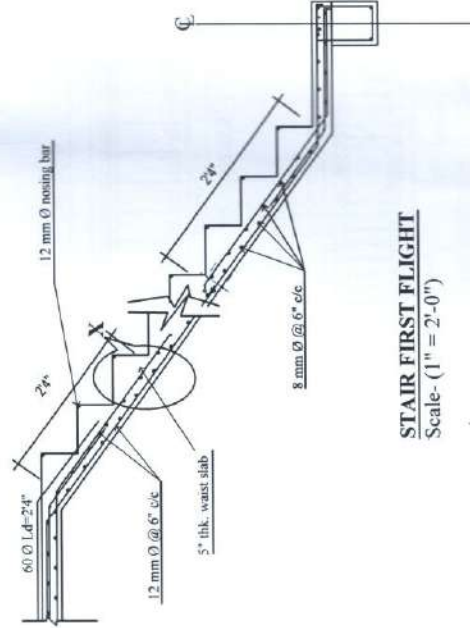


DETAIL AT X
SCALE 1" = 1'-0"

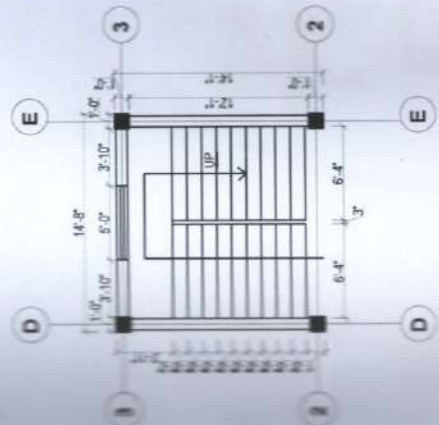
TRADE = 1'-0"
RISE = 6.25"



STAIR SECOND FLIGHT
Scale- (1" = 2'-0")



STAIR FIRST FLIGHT
Scale- (1" = 2'-0")



STAIRCASE PLAN
AREA :- 207.52 SQFT

Signature of Er. Deepak Upadhyay
Er. Deepak Upadhyay
NEC No. 16269 'Civil' 'A'

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TRIBHUWANBASTI, KANCHANPUR

Name Of Consultant :

SAIPAL ENGINEERING CONSULTANCY
DHANGADHI-01, KAILALI

Name Of Project:-

Construction of Library Building
No. Road No. 1920 Dab K.

Checked By:-

Er Deepak Upadhyay
No. Road No. 1920 Dab K.

Building Plinth Area:-

1539.82 Sq. Ft.

Drawn By:-

Girishchandra Chaudhary
Sub-Engineer

Details:-

LAPPING DETAILS

Scale:

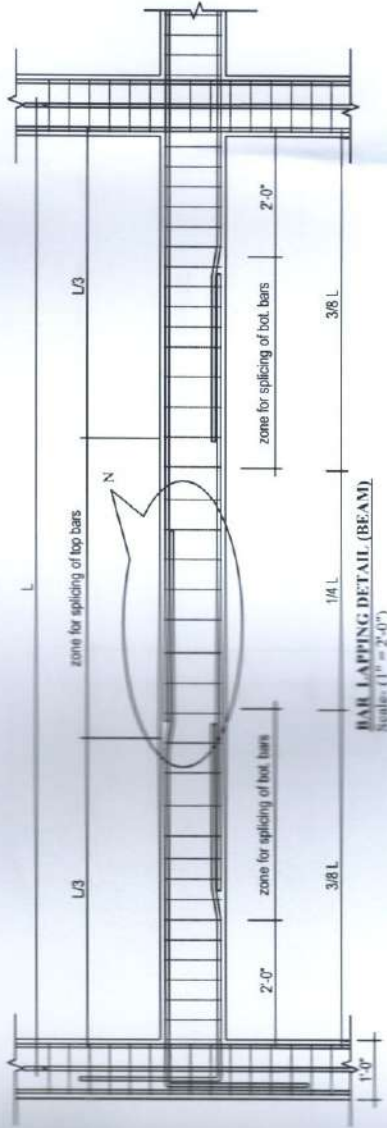
1" = 8'-0"

Date:-

2024

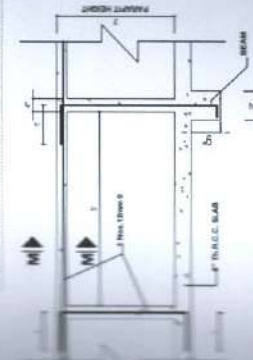
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16

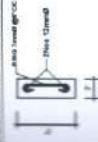


BAR LAPPING DETAIL (BEAM)
Scale: (1" = 2'-0")

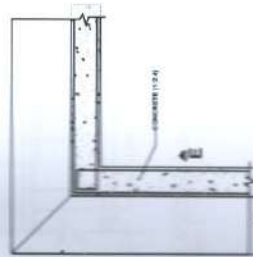
TYPICAL PARAPET BAND DETAIL



TYPICAL PARAPET WALL DETAIL



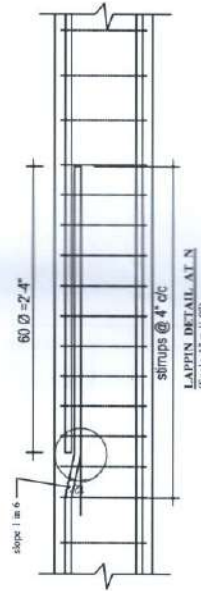
SECTION AT M-M



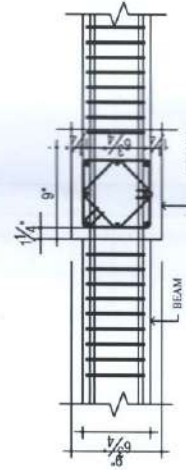
CORNER DETAIL
(PARAPET)



DETAIL AT X



LAPPING DETAIL AT N
Scale: 1" = 1'-0"



BEAM AND COLUMN JUNCTION DETAIL (12" x 12" COLUMN)
Scale: 1" = 1'-0"

Er. Deepak Upadhyay
NEC No. 16269 'Civil' "A"

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PUNARBAS MUNICIPALITY-06,
TRIBHUVANBASTI, KANCHANPUR

Name Of Consultant :

SAIPAL ENGINEERING CONSULTANCY
 BHANGADHARI, KAILALI

Checked By:-

Name Of Project:-
 Construction of Library Building
 net area sq. meter 1539.82

Drawn By:-

Building Plinth Area:-
 1539.82 Sq Ft
 Details:-

SECTION DETAILS

Scale:

1" = 8'-0"

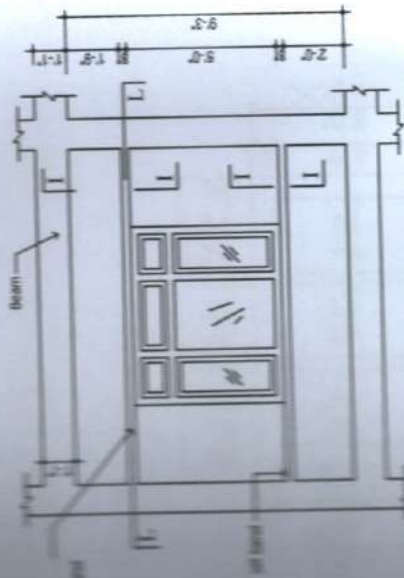
Date:- 2024
 Sheet No. 17



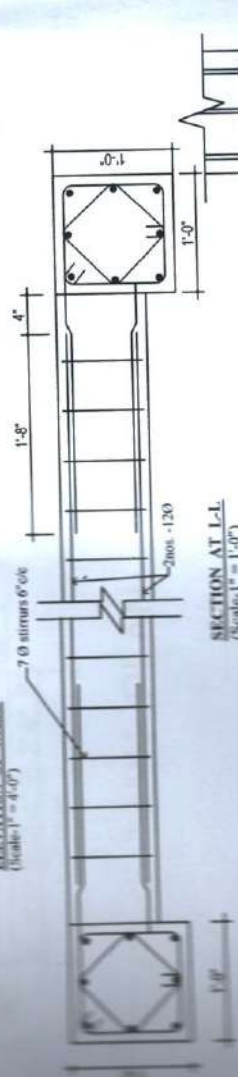
DETAIL OF SILL PARAPET BAND AT L.L.
 (Scale: 1" = 1'-0")



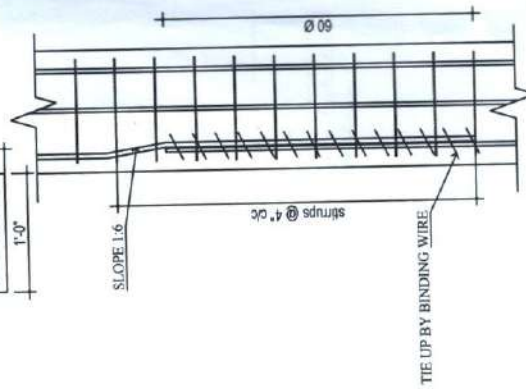
DETAIL OF LINTEL BAND AT L.L.
 (Scale: 1" = 1'-0")



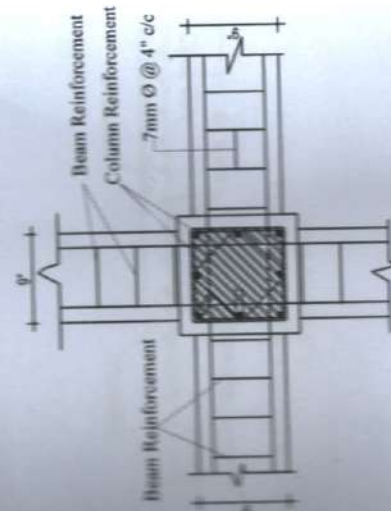
ELEVATION OF WALL
 (Scale: 1" = 4'-0")



SECTION AT L-L
 (Scale: 1" = 1'-0")



LAPPING DETAIL AT M
 (Scale: 1" = 1'-0")



SECTIONAL PLAN OF BEAM COLUMN JOINT DETAIL
 (Scale: 1" = 1'-0")

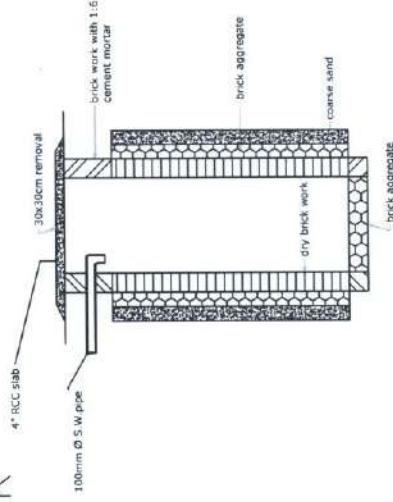
Deepak Upadhyay
 JEC No. 16269 'Civil' 'A'

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SOAKPIT

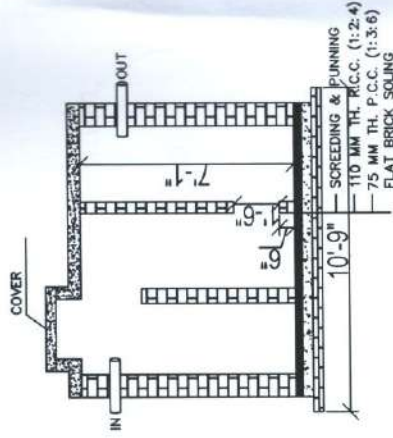


PLAN

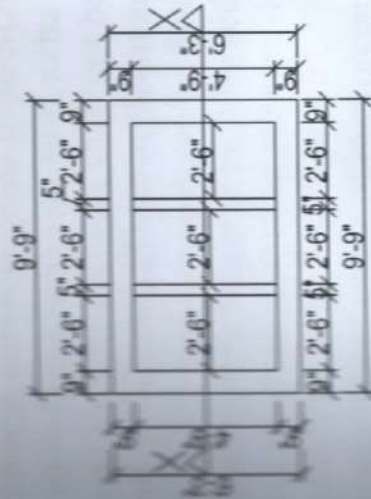


SECTION AT YY

Deepak Upadhyay
DEC No. 16269 'Civil' "A"



SECTION OF SEPTIC TANK



SEPTIC TANK PLAN



R.C.C.(1:2:4) BASE SLAB DETAIL



R.C.C.(1:2:4) SLAB COVER DETAIL
FOR SEPTIC TANK

CLINT:

JANATA CAMPUS PUNARBAS
PUNARBAS MUNICIPALITY-06,
TRIBHUWANBASTI, KANCHANPUR

Name Of Consultant :

SAIPAL ENGINEERING CONSULTANCY
DHANGADHI-01, KAILALI

Name Of Project:-

Construction of Library Building

Checked By:-

Er. Deepak Upadhyay
Mr. Page No. 1028 Out of 1028

Building Plinth Area:-

1539.82 Sq. Ft.

Drawn By:-

Gaurabhan Chaudhary
Sub-Engineer

Detail:-

SEPIC TANK & SOAK PIT

Scale:

1" = 8'-0"

Date:-

2024

Sheet No.:-

18

Notes :-

Minimum concrete grade to be M20.
 Grade of reinforcement steel to be FE500.
 Cover to reinforcement shall not be less than 50mm in foundation,
 25mm in column, 25mm in Beam and 20mm in Slab & Stair.
 All lateral ties in column to be 8mm dia. at 100mm (4") centers.
 All stirrups in Beam to be 2 legged 8 mm dia
 Hooks in lateral ties and stirrups shall be bent at 135° and hook
 length shall not be less than 3.5".

Lapping of longitudinal reinforcement in columns shall be done
 at the mid height in each story.

In Beam & Slab no bottom reinforcement shall be lapped near
 mid-span and no top reinforcement shall be lapped near support.
 All chairs in slab to be 10mm at 500mm.

Development / lap length (ld.) for bars. (for m25 concrete & fe 500)

BAR DIA-(mm)	8	10	12	16	20	25	28	32
Ld(inch)	18	22	26	35	45	55	65	75

Only written dimensions to be followed, drawings not to be
 measured.

Any discrepancy or omission in the drawing if found shall be
 reported immediately to the site engineer.

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CLINT:

JANATA CAMPUS PUNARBAS
 PUNARBAS MUNICIPALITY-06,
 TRIBHUWANBASTI, KANCHANPUR

Name Of Consultant :

SAIPAL ENGINEERING CONSULTANCY
 DHANGADHI-01, KAILALI

Name Of Project:- Construction of Library Building	Checked By:- Er. Deepak Upadhyay Licence No. 15281/2018
Building Plinth Area:- 1539.82 Sq Ft.	Drawn By:- Gnanashyam Chaudhary Sub-Engineer
Details:-	NOTES
	Scale: 1" = 8'-0"
Date:-	2024
	Sheet No:-
	19

Er. Deepak Upadhyay
 LIC No. 16269 'Civil' 'A'