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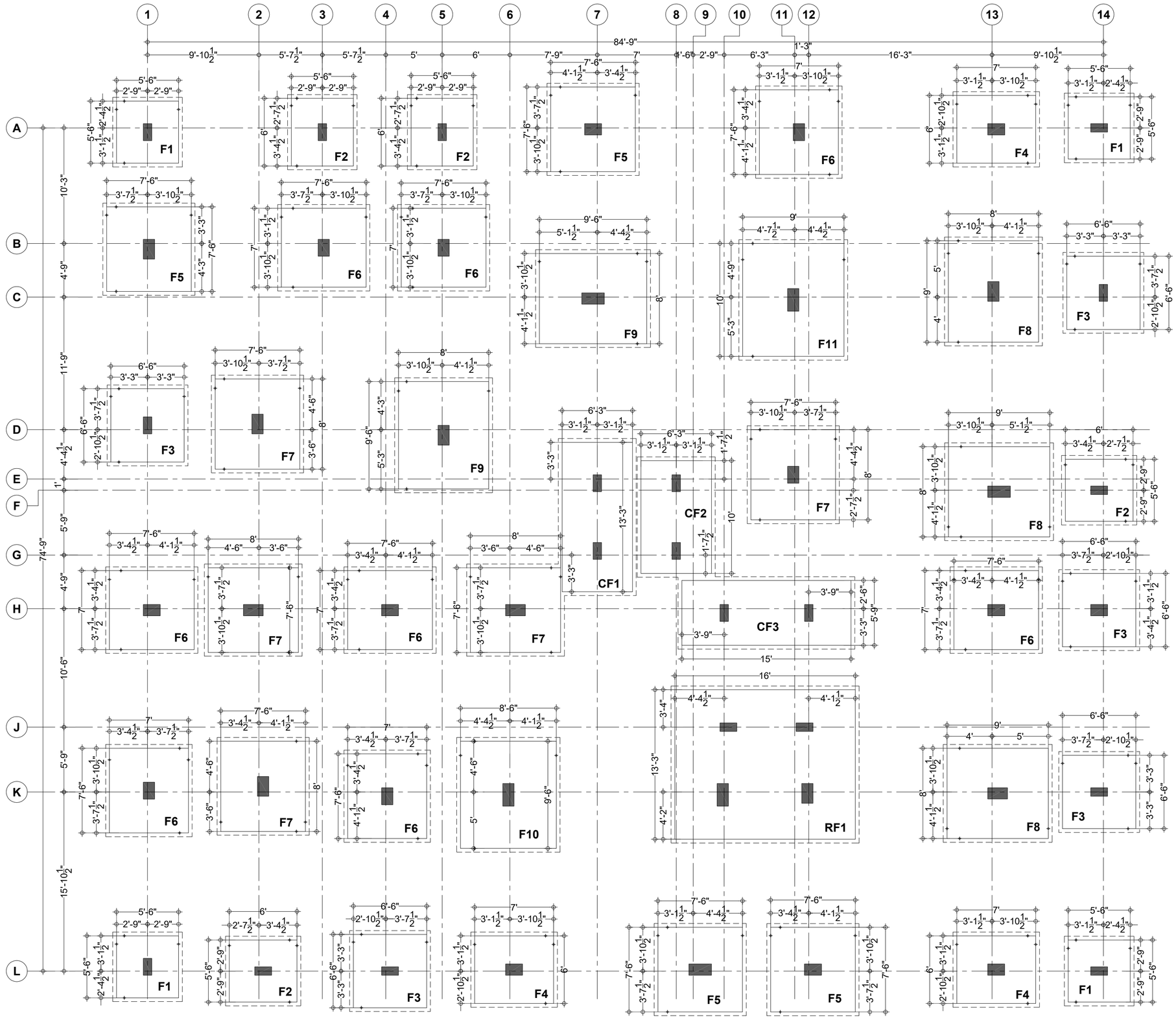
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FOOTING LAYOUT PLAN

Key Plan:



GENERAL NOTES :

1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED
2. GRADE OF CONCRETE MIX SHALL BE M 20 CONFORMING TO IS 456 - 2000
3. REINFORCEMENT BARS SHALL BE HIGH STRENGTH DEFORMED BARS OF GRADE Fe 500 CONFORMING TO IS 1786 - 2008
4. DEVELOPMENT LENGTH OF BARS:
   IN COMPRESSION - 40 Ø
   IN TENSION - 50 Ø
5. CLEAR COVER FOR FOOTING - 50 mm
   COLUMN - 40 mm
   BEAM - 25 mm
   SLAB - 20 mm
6. SAFE BEARING CAPACITY OF SOIL IS 300 kN/m². THE VALUE TAKENED FROM PLATE LOAD TEST. (THE CALCULATED BEARING CAPACITY AT FOUNDING LEVEL SHALL BE VERIFIED AT SITE BEFORE EXECUTION OF WORK)
7. NOTES ON DEPTH OF FOUNDATION: MINIMUM DEPTH : 3000mm FROM N.G.L (OR) UPTO HARD STRATA
8. NO DIMENSIONS SHALL BE SCALED OFF FROM THE DRAWING ONLY WRITTEN OFF FROM DIMENSION SHALL BE FOLLOWED.
9. BUILDING DESIGNED FOR S + 4 FLOORS
10. BUILDING DESIGNED FOR 1.5 (D.L+L.L) AS PER CLIENT REQUIREMENT

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Mobile No: 98945 09342

Rev.	Date	Description	Drawn	Chkd.	Appd.

Status : GOOD FOR CONSTRUCTION

Client : RANGANAYAKI TOWER, KR NAGAR, SALEM

Consultant : GARUDA ASSOCIATES

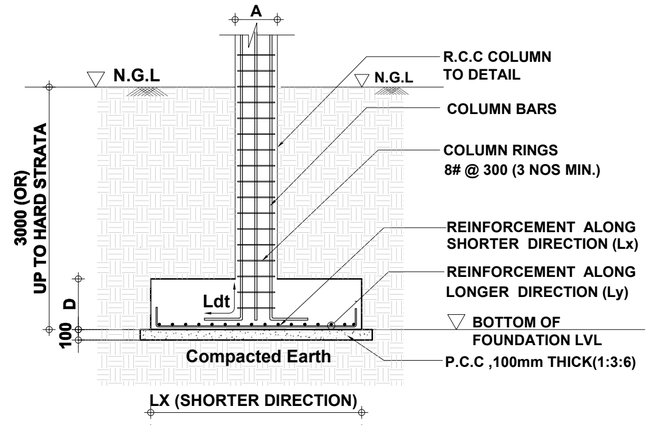
Building Name : APARTMENT BUILDING

Title : FOOTING LAYOUT PLAN

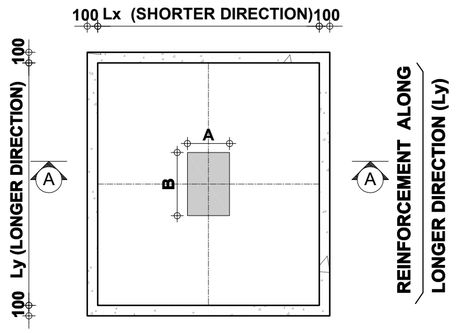
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FOOTING REINFORCEMENT DETAIL

S.No.	FOOTING ID	FOOTING SIZE (Lx x Ly)	FOOTING DEPTH AT COLUMN FACE (D)	FOOTING REINFORCEMENT DETAIL	
				ALONG SHORTER DIRECTION (Lx) BOTTOM	ALONG LONGER DIRECTION (Ly) BOTTOM
1.	F1	5'6" X 5'6"	1'3"	10 # 6" c/c	10 # 6" c/c
2.	F2	5'6" X 6'0"	1'3"	10 # 4" c/c	10 # 4" c/c
3.	F3	6'6" X 6'6"	1'6"	10 # 4" c/c	10 # 4" c/c
4.	F4	6'0" X 7'0"	1'9"	10 # 4" c/c	10 # 4" c/c
5.	F5	7'6" X 7'6"	1'9"	10 # 4" c/c	10 # 4" c/c
6.	F6	7'6" X 7'0"	2'0"	12 # 4" c/c	12 # 4" c/c
7.	F7	7'6" X 8'0"	2'0"	12 # 4" c/c	12 # 4" c/c
8.	F8	8'0" X 9'0"	2'3"	12 # 4" c/c	12 # 4" c/c
9.	F9	8'0" X 9'6"	2'3"	12 # 4" c/c	12 # 4" c/c
10.	F10	8'6" X 9'6"	2'3"	12 # 4" c/c	12 # 4" c/c
11.	F11	9'0" X 10'0"	2'3"	12 # 4" c/c	12 # 4" c/c



SECTION - 'A-A'



PLAN

TYPICAL FOOTING DETAIL

RAFT & COMBINED FOOTING REINFORCEMENT DETAIL

S.No.	FOOTING ID	FOOTING SIZE (Lx x Ly)	FOOTING DEPTH AT COLUMN FACE (D)	FOOTING REINFORCEMENT DETAIL			
				ALONG SHORTER DIRECTION (Lx) BOTTOM	ALONG LONGER DIRECTION (Ly) BOTTOM	ALONG SHORTER DIRECTION (Lx) TOP	ALONG LONGER DIRECTION (Ly) TOP
1.	CF1	6'3" X 13'3"	1'9"	12 # 4" c/c	12 # 4" c/c	12 # 6" c/c	12 # 6" c/c
2.	CF2	6'3" X 10'0"	1'9"	12 # 4" c/c	12 # 4" c/c	12 # 6" c/c	12 # 6" c/c
3.	CF3	5'9" X 15'0"	2'3"	12 # 4" c/c	12 # 4" c/c	12 # 6" c/c	12 # 6" c/c
3.	RF1	16'0" X 13'6"	2'6"	12 # 4" c/c	12 # 4" c/c	12 # 6" c/c	12 # 6" c/c

SECTION - B-B

PLAN

TYPICAL COMBINED FOOTING DETAIL

Key Plan:



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4. DEVELOPMENT LENGTH OF BARS:
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6. SAFE BEARING CAPACITY OF SOIL IS 300 kN/m². THE VALUE TAKENED FROM PLATE LOAD TEST. (THE CALCULATED BEARING CAPACITY AT FOUNDING LEVEL SHALL BE VERIFIED AT SITE BEFORE EXECUTION OF WORK)
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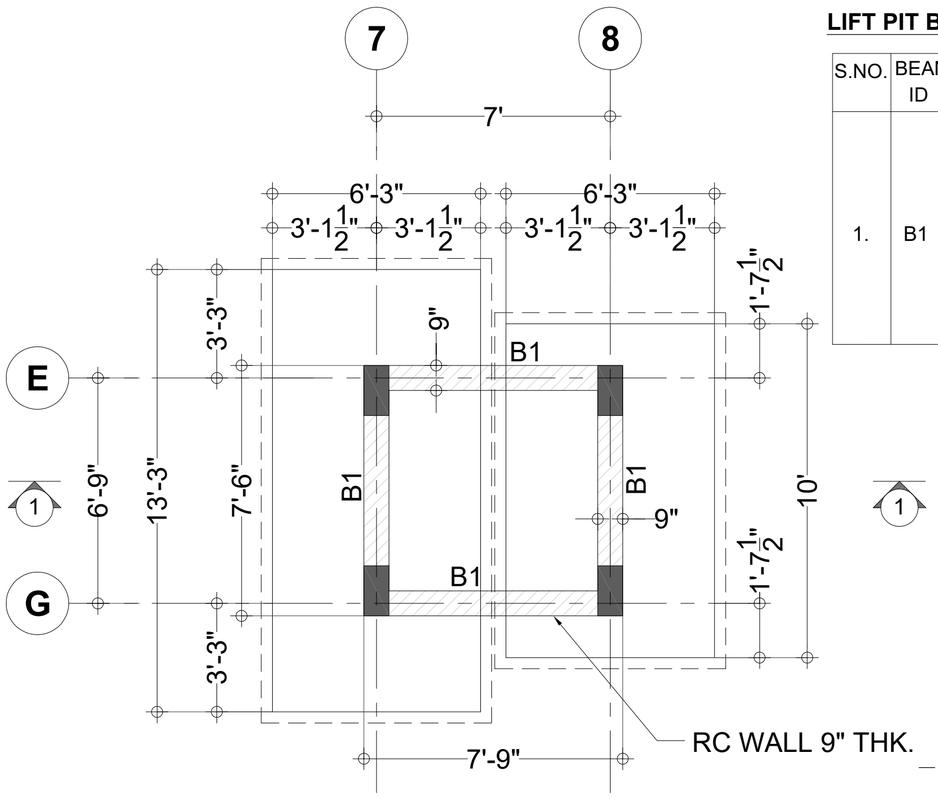
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Title : FOOTING REINFORCEMENT DETAIL

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File Name :			

LIFT PIT BASE BEAM REINFORCEMENT DETAIL

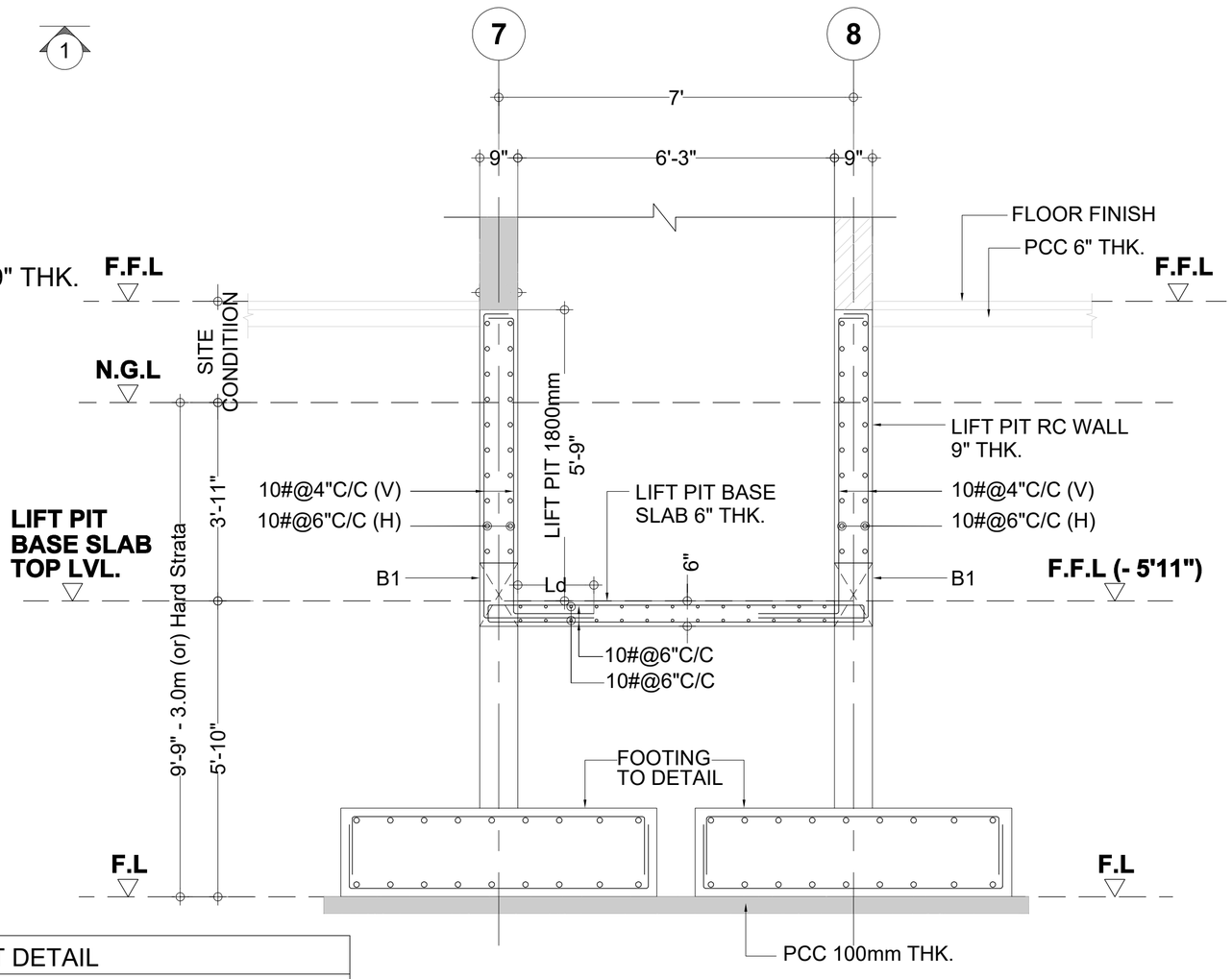
S.NO.	BEAM ID	BEAM SIZE	END SPAN	MID SPAN	END SPAN
1.	B1	9" x 1'3"	9" / 2Nos.16# Thro' / 1'-3" / 8#150 c/c 2Leg.Stps. / 2Nos.16# Thro'	9" / 2Nos.16# Thro' / 1'-3" / 8#150 c/c 2Leg.Stps. / 2Nos.16# Thro'	9" / 2Nos.16# Thro' / 1'-3" / 8#150 c/c 2Leg.Stps. / 2Nos.16# Thro'



LIFT PIT PLAN

LEGEND :

1. B1 - BASE BEAM
2. Thk - THICKNESS
3. FFL - FINISHED FLOOR LEVEL
4. FGL - FINISHED GROUND LEVEL
5. NGL - NATURAL GROUND LEVEL
6. FL - FOUNDATION LEVEL



SECTION - A

LIFT PIT BASE SLAB REINFORCEMENT DETAIL

S.No.	SLAB	SLAB THICKNESS	SLAB REINFORCEMENT DETAIL			
			ALONG SHORTER DIRECTION		ALONG LONGER DIRECTION	
			TOP ROD	BOTTOM ROD	TOP ROD	BOTTOM ROD
1.	BASE SLAB	6"	10# @6"c/c	10# @6"c/c	10# @6"c/c	10# @6"c/c

Key Plan:



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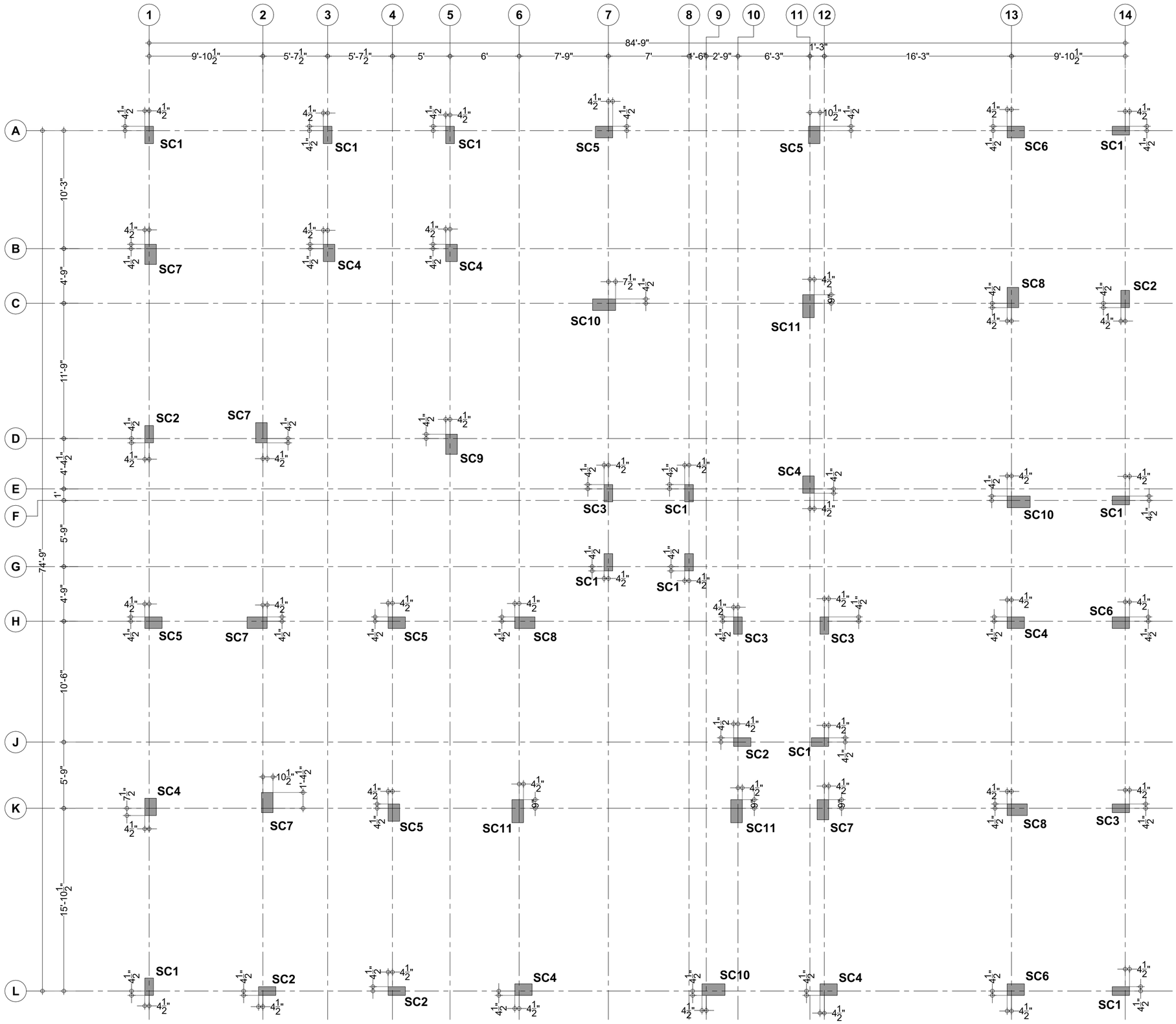
Consultant : GARUDA ASSOCIATES

Building Name : APARTMENT BUILDING

Title : LIFT PIT BEAM & SLAB DETAIL

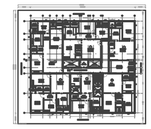
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COLUMN LAYOUT PLAN
(UPTO SILT FLOOR ROOF)

Key Plan:



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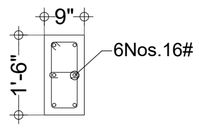
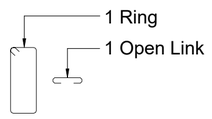
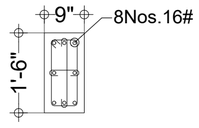
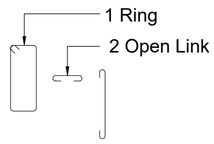
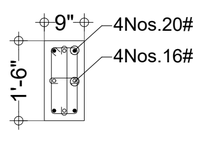
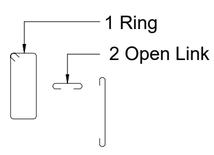
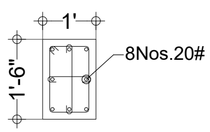
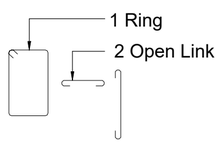
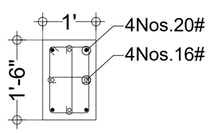
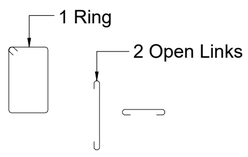
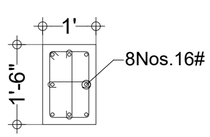
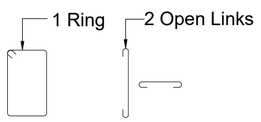
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Building Name : APARTMENT BUILDING

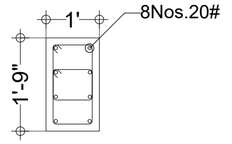
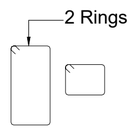
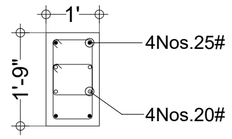
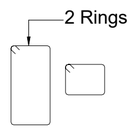
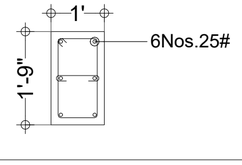
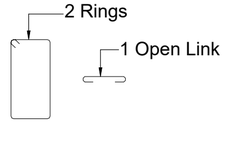
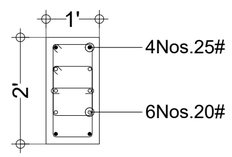
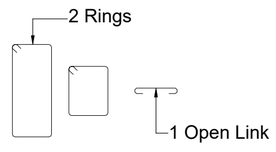
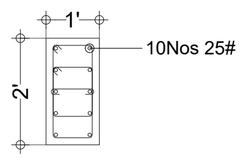
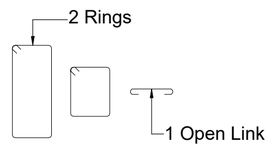
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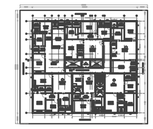
COLUMN REINFORCEMENT DETAILS.

S.NO.	NO.OF COLUMNS	COLUMN ID	COLUMN SIZE (A x B)	FOUNDATION TO STILT FLOOR ROOF LEVEL	
				REINFORCEMENT DETAILS	LATERAL TIES DETAIL
				○ 6Nos.16#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
1.	**11**	**SC1**	**9" x 1'6"**		
2.	**5**	**SC2**	**9" x 1'6"**	○ 8Nos.16#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					
3.	**4**	**SC3**	**9" x 1'6"**	• 4Nos.20# ○ 4Nos.16#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					
4.	**7**	**SC4**	**1' x 1'6"**	○ 8Nos.20#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					
5.	**5**	**SC5**	**1' x 1'6"**	○ 4Nos.20# ○ 4Nos.16#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					
6.	**3**	**SC6**	**1' x 1'6"**	○ 8Nos.16#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					

COLUMN REINFORCEMENT DETAIL-1

S.NO.	NO.OF COLUMNS	COLUMN ID	COLUMN SIZE (A x B)	FOUNDATION TO STILT FLOOR ROOF LEVEL	
				REINFORCEMENT DETAILS	LATERAL TIES DETAIL
				○ 8Nos.20#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
10.	**5**	**SC7**	**1' x 1'9"**		
11.	**3**	**SC8**	**1' x 1'9"**	• 4Nos.25# ○ 4Nos.20#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					
12.	**1**	**SC9**	**1' x 1'9"**	○ 6Nos.25#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					
13.	**3**	**SC10**	**1' x 2'0"**	• 4Nos.25# ○ 6Nos.20#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					
14.	**3**	**SC11**	**1' x 2'0"**	○ 10Nos 25#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					

Key Plan:



GENERAL NOTES :

1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED
2. GRADE OF CONCRETE MIX SHALL BE M 20 CONFORMING TO IS 456 - 2000
3. REINFORCEMENT BARS SHALL BE HIGH STRENGTH DEFORMED BARS OF GRADE Fe 500 CONFORMING TO IS 1786 - 2008
4. DEVELOPMENT LENGTH OF BARS:
   IN COMPRESSION - 40 Ø
   IN TENSION - 50 Ø
5. CLEAR COVER FOR FOOTING - 50 mm
   COLUMN - 40 mm
   BEAM - 25 mm
   SLAB - 20 mm
6. SAFE BEARING CAPACITY OF SOIL IS 300 kN/m². THE VALUE TAKENED FROM PLATE LOAD TEST. (THE CALCULATED BEARING CAPACITY AT FOUNDING LEVEL SHALL BE VERIFIED AT SITE BEFORE EXECUTION OF WORK)
7. NOTES ON DEPTH OF FOUNDATION: MINIMUM DEPTH : 3000mm FROM N.G.L (OR) UPTO HARD STRATA
8. NO DIMENSIONS SHALL BE SCALED OFF FROM THE DRAWING ONLY WRITTEN OFF FROM DIMENSION SHALL BE FOLLOWED.
9. BUILDING DESIGNED FOR S + 4 FLOORS
10. BUILDING DESIGNED FOR 1.5 (D.L+L.L) AS PER CLIENT REQUIREMENT

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Rev.	Date	Description	Drawn	Chkd.	Appd.

Status : GOOD FOR CONSTRUCTION

Client : RANGANAYAKI TOWER, KR NAGAR, SALEM

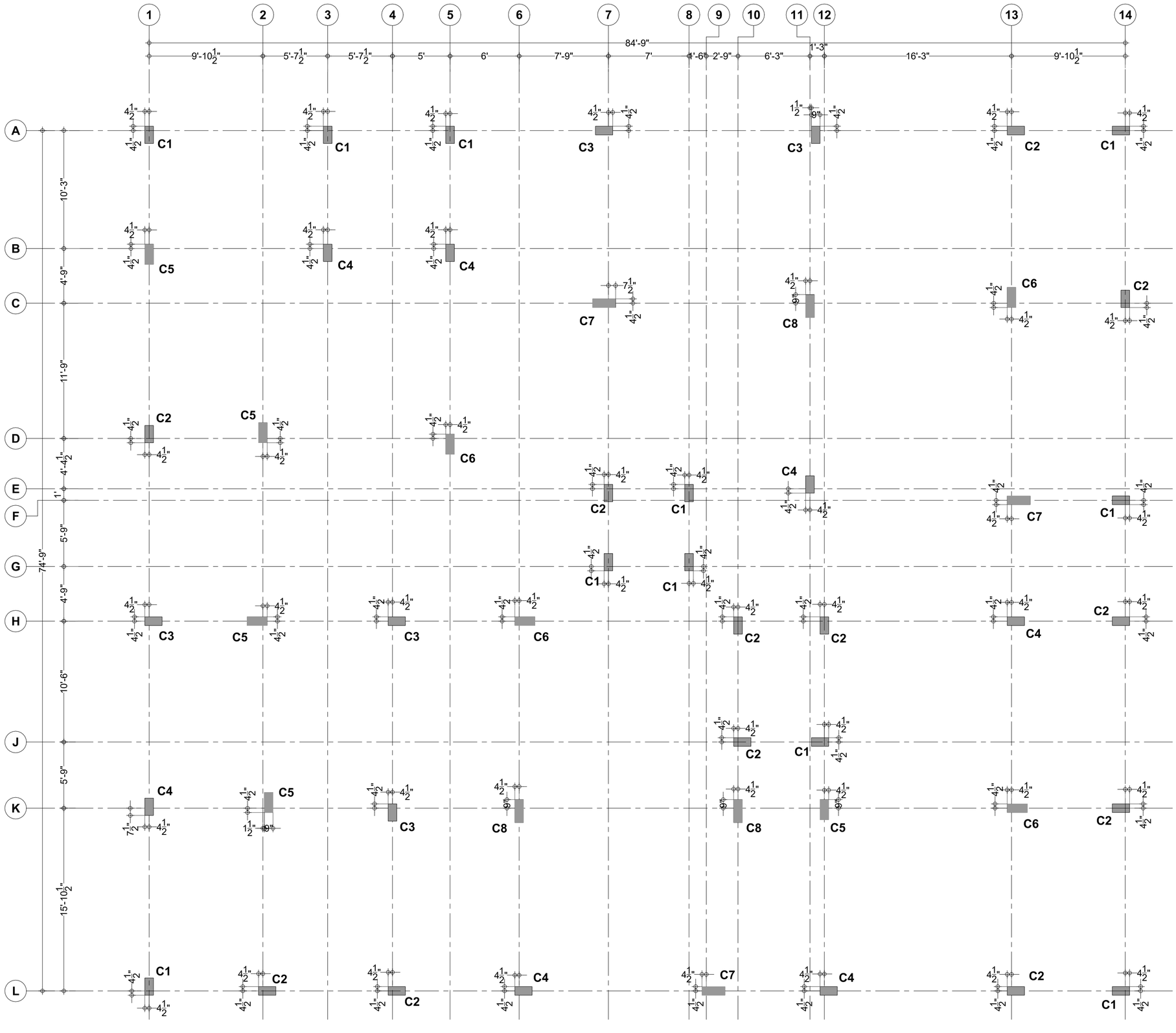
Consultant : GARUDA ASSOCIATES

Building Name : APARTMENT BUILDING

Title : COLUMN REINFORCEMENT DETAIL (UPTO STILT FLOOR ROOF)

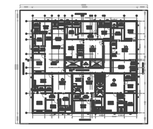
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File Name :



COLUMN LAYOUT PLAN-1
(TYPICAL FLOORS)

Key Plan:



N

GENERAL NOTES :

1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED
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Rev.	Date	Description	Drawn	Chkd.	Appd.

Status : GOOD FOR CONSTRUCTION

Client : RANGANAYAKI TOWER, KR NAGAR, SALEM

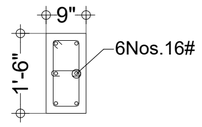
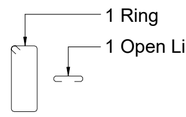
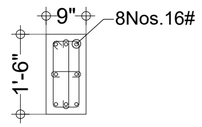
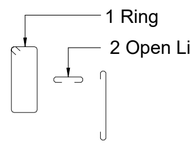
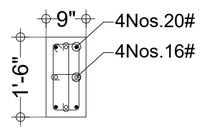
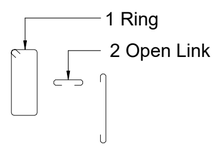
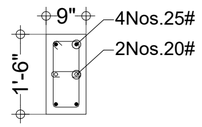
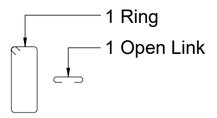
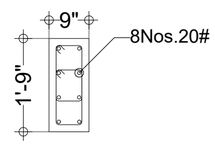
Consultant : GARUDA ASSOCIATES

Building Name : APARTMENT BUILDING

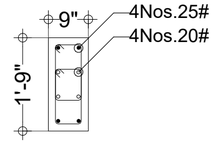
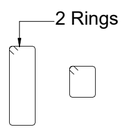
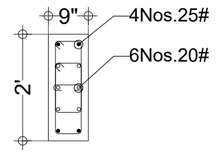
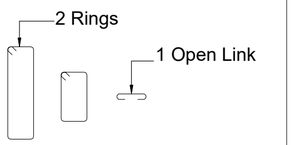
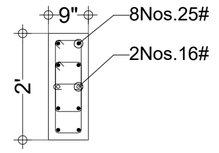
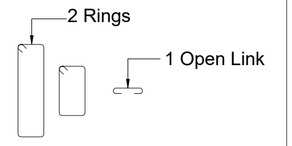
Title : COLUMN LAYOUT PLAN-1 (TYPICAL FLOORS)

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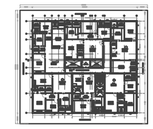
COLUMN REINFORCEMENT DETAILS.
(TYPICAL FLOORS)

S.NO.	NO.OF COLUMNS	COLUMN ID	COLUMN SIZE (A x B)	STILT FLOOR ROOF TO SECOND FLOOR ROOF LEVEL	
				REINFORCEMENT DETAILS	LATERAL TIES DETAIL
				○ 6Nos.16#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
1.	**7**	**C1**	**9" x 1'6"**		
2.	**12**	**C2**	**9" x 1'6"**	○ 8Nos.16#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					
3.	**5**	**C3**	**9" x 1'6"**	• 4Nos.20# ○ 4Nos.16#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					
4.	**7**	**C4**	**9" x 1'6"**	• 4Nos.25# ○ 2Nos.20#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					
5.	**5**	**C5**	**9" x 1'9"**	○ 8Nos.20#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					

COLUMN REINFORCEMENT DETAILS.
(TYPICAL FLOORS)

S.NO.	NO.OF COLUMNS	COLUMN ID	COLUMN SIZE (A x B)	STILT FLOOR ROOF TO SECOND FLOOR ROOF LEVEL	
				REINFORCEMENT DETAILS	LATERAL TIES DETAIL
				• 4Nos.25# ○ 4Nos.20#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
6.	**4**	**C6**	**9" x 1'9"**		
7.	**3**	**C7**	**9" x 2'0"**	• 4Nos.25# ○ 6Nos.20#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					
8.	**3**	**C8**	**9" x 2'0"**	• 8Nos.25# ○ 2Nos.16#	LATERAL TIES #8@100mmc/c (S1) LATERAL TIES #8@150mmc/c (S2)
					

Key Plan:



GENERAL NOTES :

1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED
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   IN COMPRESSION - 40 Ø
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Rev.	Date	Description	Drawn	Chkd.	Appd.

Status :
GOOD FOR CONSTRUCTION

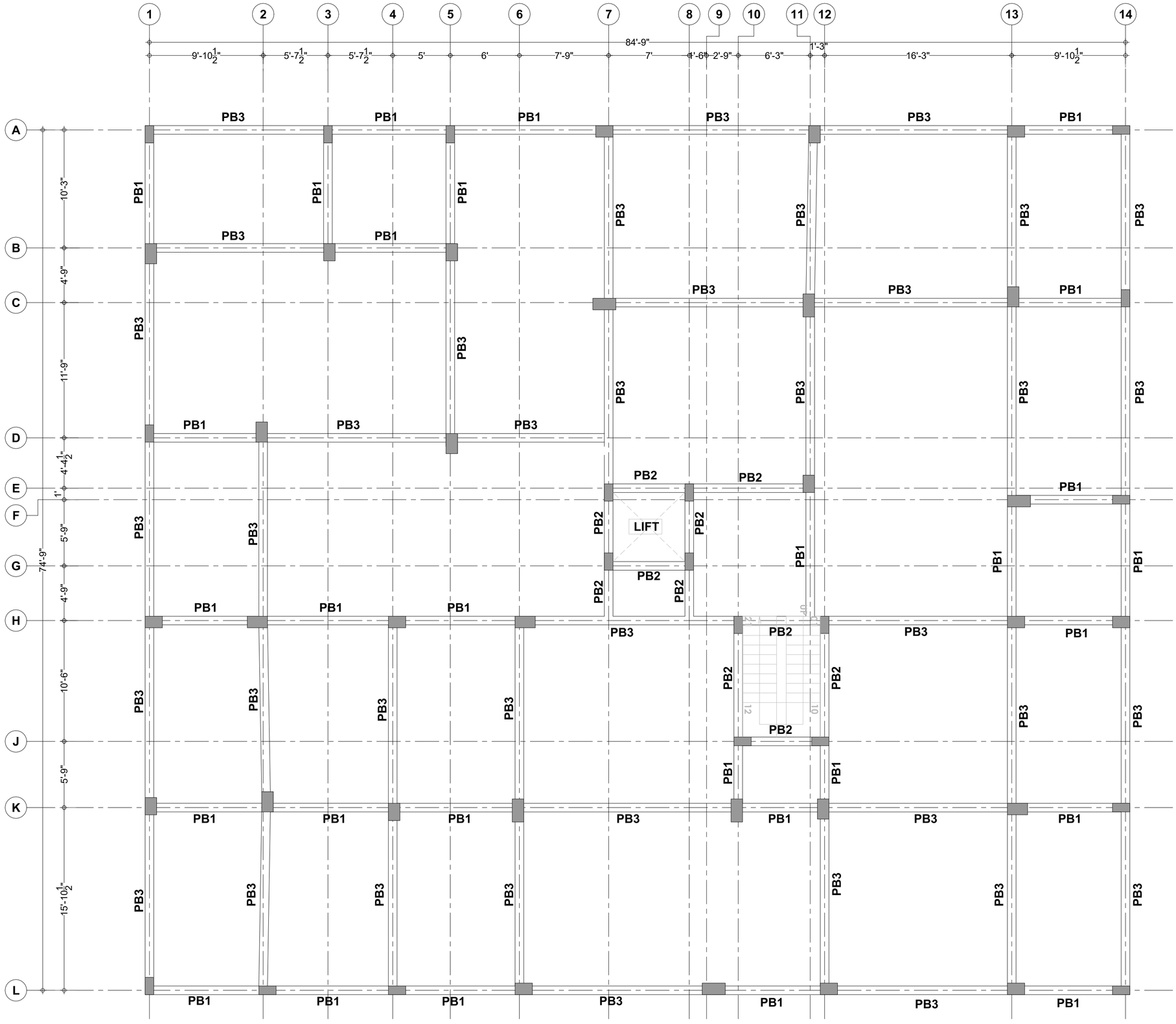
Client :
RANGANAYAKI TOWER,
KR NAGAR, SALEM

Consultant :
GARUDA ASSOCIATES

Building Name :
APARTMENT BUILDING

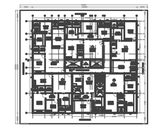
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COLUMN REINFORCEMENT DETAIL
(TYPICAL FLOORS)

Drawing No:	Date	Sheet	Rev.
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	Drawn	Chkd.	Appd.
File Name :			



PLINTH BEAM LAYOUT PLAN

Key Plan:



N

GENERAL NOTES :

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Status : GOOD FOR CONSTRUCTION

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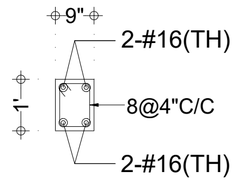
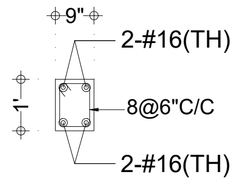
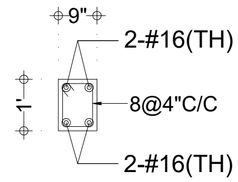
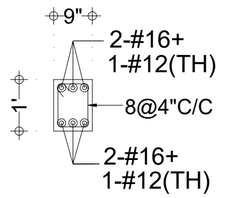
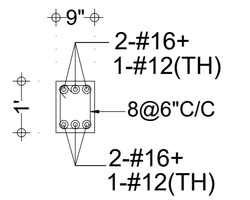
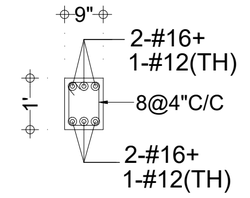
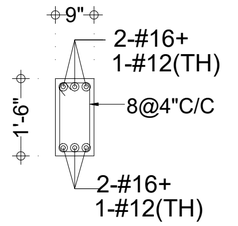
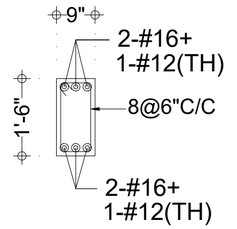
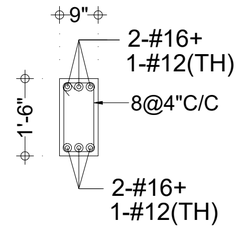
Consultant : GARUDA ASSOCIATES

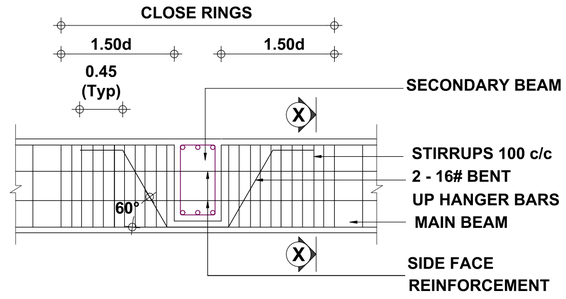
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Title : PLINTH BEAM LAYOUT PLAN

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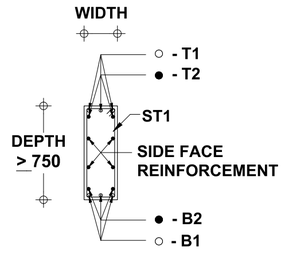
SCHEDULE OF PLINTH BEAM :-

S.NO	BEAM ID	END SPAN	MID SPAN	END SPAN
1	PB1 9" X 1'0"			
2	PB2 9" X 1'0"			
3	PB3 9" X 1'6"			



TYPICAL HANGER BAR DETAIL WITH ADDITION TORSIONAL REINFORCEMENT

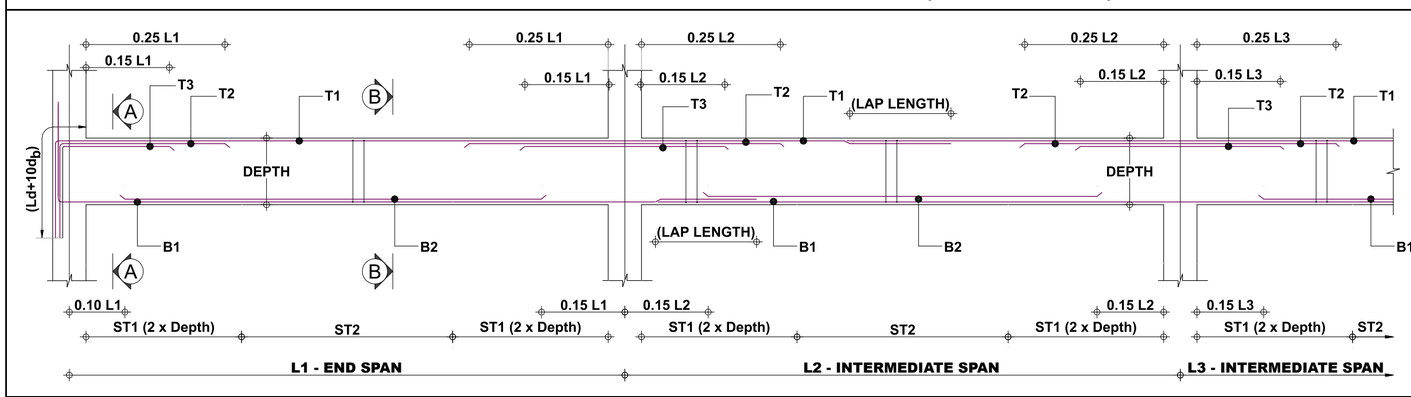
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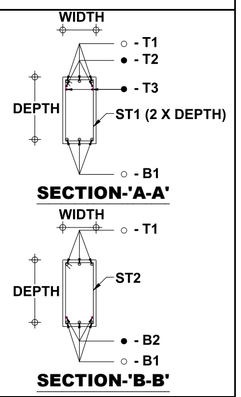


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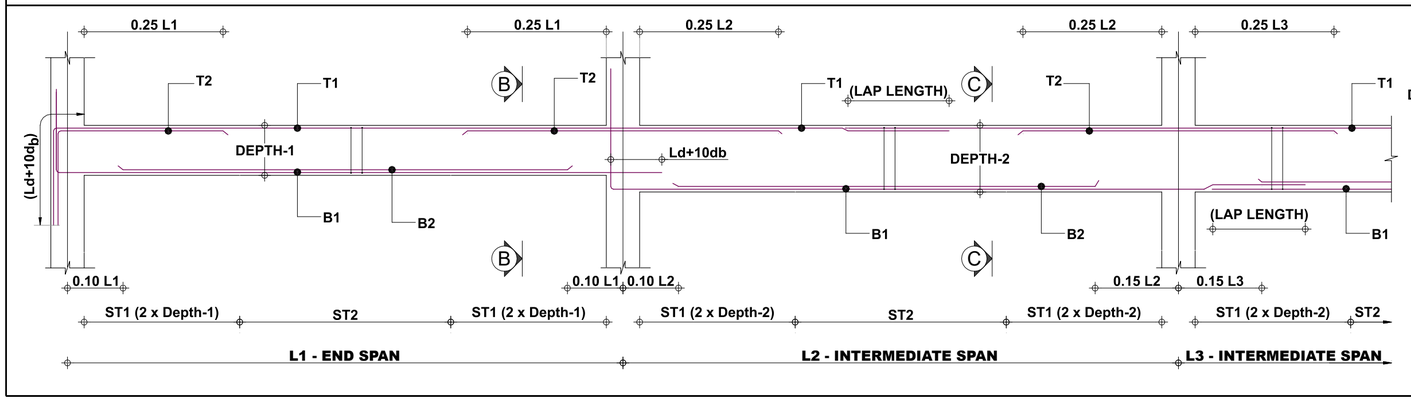
LEGENDS:-
PB - PLINTH BEAM
TH - THROUGH ROD
E - EXTRA ROD

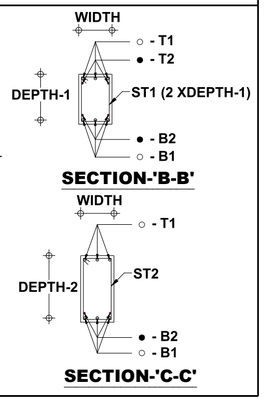
REINFORCEMENT & STIRRUPS DETAIL (UNIFORM DEPTH)



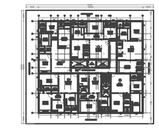


REINFORCEMENT & STIRRUPS DETAIL (VARYING DEPTH) - I





Key Plan:



GENERAL NOTES :

1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED
2. GRADE OF CONCRETE MIX SHALL BE M 20 CONFORMING TO IS 456 - 2000
3. REINFORCEMENT BARS SHALL BE HIGH STRENGTH DEFORMED BARS OF GRADE Fe 500 CONFORMING TO IS 1786 - 2008
4. DEVELOPMENT LENGTH OF BARS:
   IN COMPRESSION - 40 Ø
   IN TENSION - 50 Ø
5. CLEAR COVER FOR FOOTING - 50 mm
   COLUMN - 40 mm
   BEAM - 25 mm
   SLAB - 20 mm
6. SAFE BEARING CAPACITY OF SOIL IS 300 kN/m². THE VALUE TAKENED FROM PLATE LOAD TEST. (THE CALCULATED BEARING CAPACITY AT FOUNDING LEVEL SHALL BE VERIFIED AT SITE BEFORE EXECUTION OF WORK)
7. NOTES ON DEPTH OF FOUNDATION:
   MINIMUM DEPTH : 3000mm FROM N.G.L
   (OR) UPTO HARD STRATA
8. NO DIMENSIONS SHALL BE SCALED OFF FROM THE DRAWING ONLY WRITTEN OFF FROM DIMENSION SHALL BE FOLLOWED.
9. BUILDING DESIGNED FOR S + 4 FLOORS
10. BUILDING DESIGNED FOR 1.5 (D.L+L.L) AS PER CLIENT REQUIREMENT

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Rev.	Date	Description	Drawn	Chkd.	Appd.

Status :
GOOD FOR CONSTRUCTION

Client :
RANGANAYAKI TOWER,
KR NAGAR, SALEM

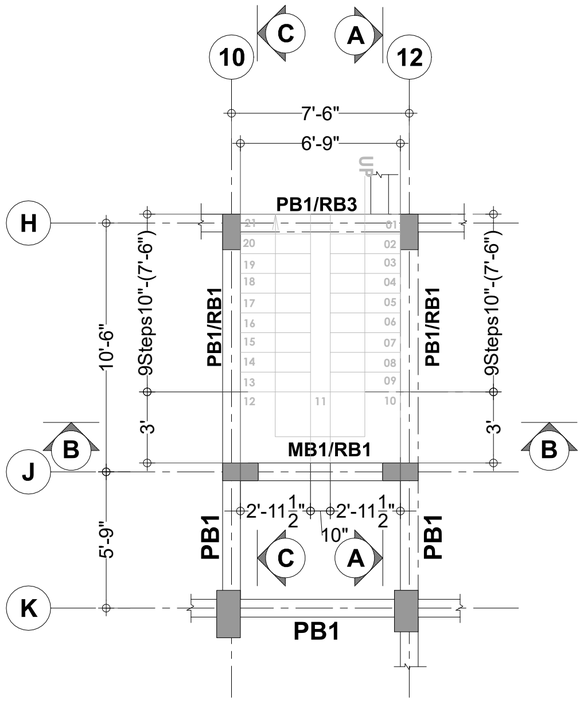
Consultant :
GARUDA ASSOCIATES

Building Name :
APARTMENT BUILDING

Title :
PLINTH BEAM REINFORCEMENT DETAIL

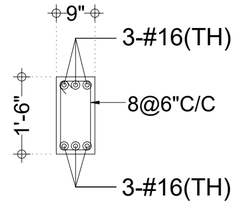
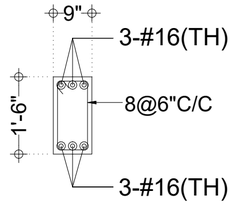
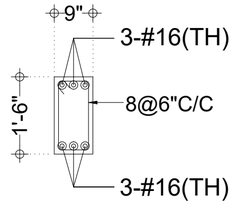
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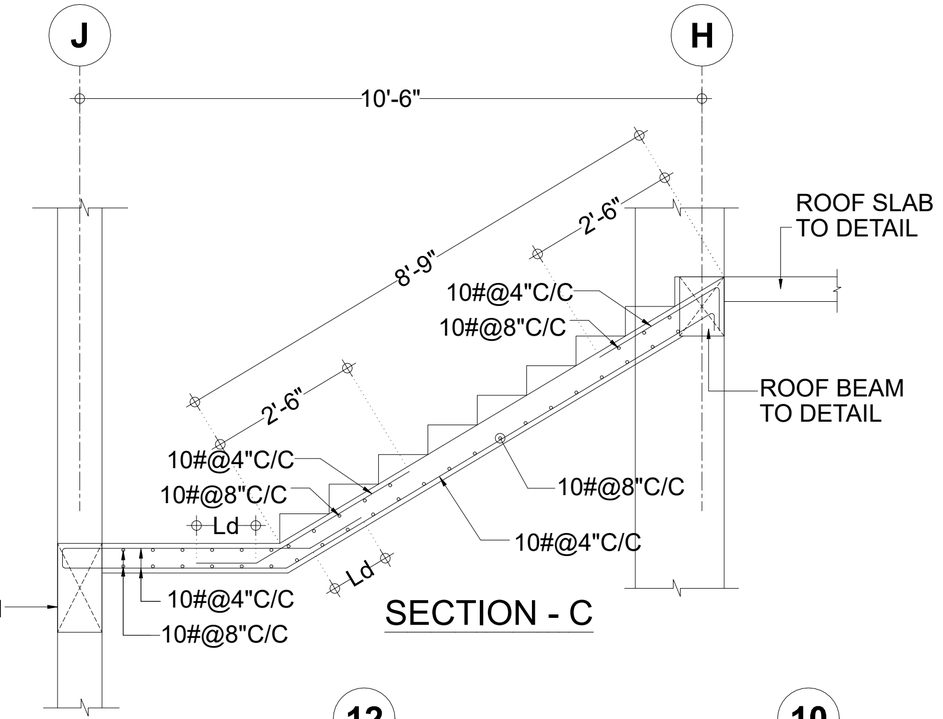
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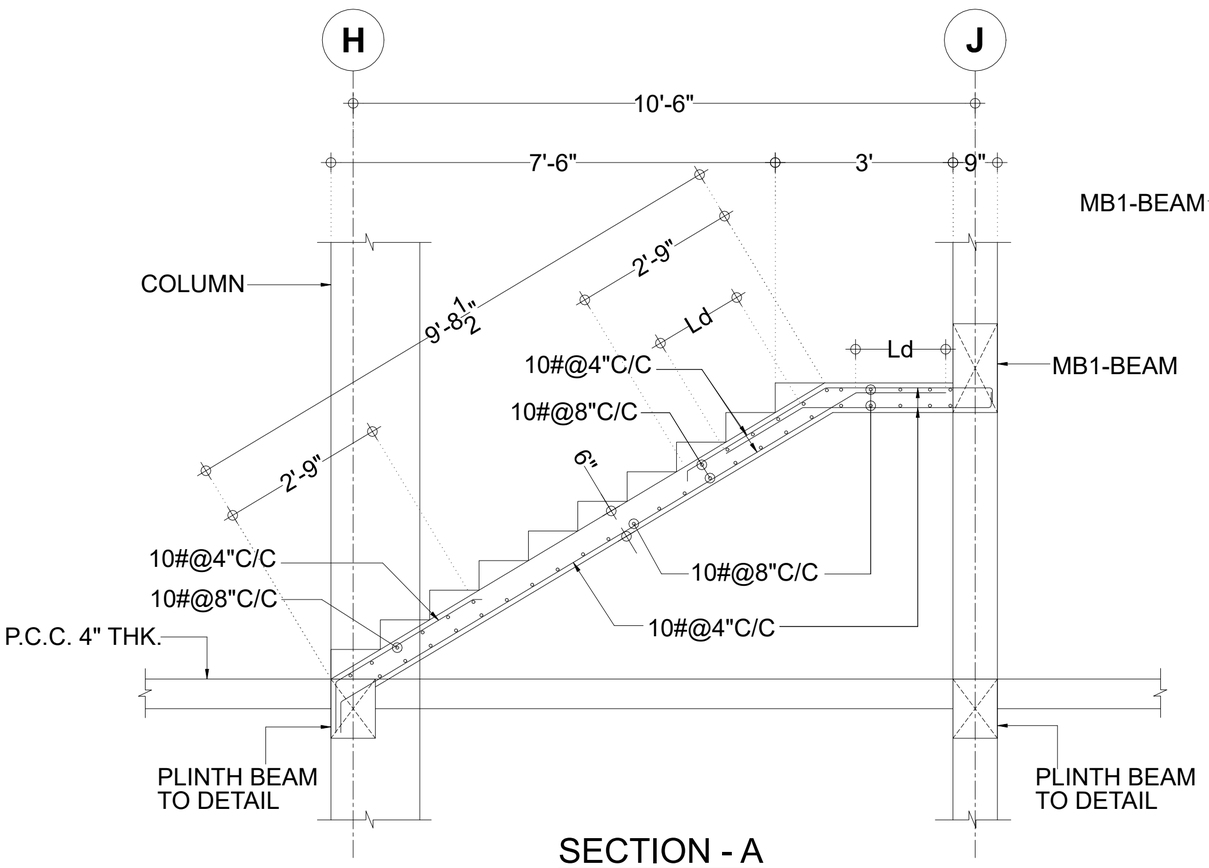
STAIRCASE DETAIL-1
(STILT FLOOR TO FIRST FLOOR)

SCHEDULE OF MID LANDING BEAM :-

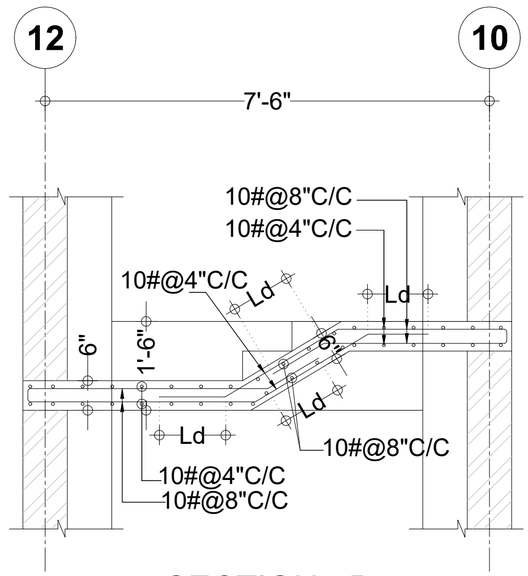
S.NO	BEAM ID	END SPAN	MID SPAN	END SPAN
1	MB1 9" X 1'6"			



SECTION - C

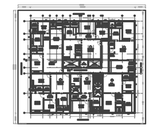


SECTION - A



SECTION - B

Key Plan:



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Mobile No: 98945 09342

Rev.	Date	Description	Drawn	Chkd.	Appd.

Status : GOOD FOR CONSTRUCTION

Client : RANGANAYAKI TOWER, KR NAGAR, SALEM

Consultant : GARUDA ASSOCIATES

Building Name : APARTMENT BUILDING

Title : STAIRCASE DETAIL-1 (STILT TO FIRST FLOOR)

Drawing No:	Date	Sheet	Rev.
		A2	00
	Drawn	Chkd.	Appd.

File Name :

THE LANDLENS SUITE

Eight ways to know a piece of land before you pay for it.

This report covers one part of the picture. These cover the rest, drawn from the same government records, for any property in Tamil Nadu.

LandLens One
Ask anything about a property and get an answer grounded in live government records, with the sources shown.
/landlens/one

Verify My Land
Every record check run on one property and returned as a single report.
/landlens/verify-my-land

Legal Opinion
An advocate's written opinion on the title, built on the records we pull for it.
/landlens

One Map
Every layer on one map: the parcel, its boundary, zoning, water bodies and what sits around it.
/landlens/one/map

PriceMap
What land actually changed hands for around this plot, taken from the registered deeds.
/landlens/pricemap

Build Scope
What you are allowed to build here: floor space, height, coverage and setbacks.
/landlens/build-scope

Property Tracker
Watch a property and hear about it when something new is registered against it.
/landlens/property-tracker

Deal Room
Run the transaction in one place: documents, stamping, signatures and the parties.
/landlens/deal-room

FREE TOOLS · NO ACCOUNT NEEDED

Twenty-four checks you can run yourself, at no cost.

Records and verification

The registers themselves, read for you.

- Encumbrance Certificate
- Patta and Chitta
- Field Measurement Sketch
- EC Analyzer
- Bank charge check
- Court case search
- Seller background check
- Approval check by survey

Value and duty

What it is worth and what it costs to register.

- Guideline value by street
- Guideline value by survey
- Stamp duty and registration fees
- Capital gains
- Floor space index
- Area unit converter

Zoning and land use

What the plan says can happen on this land.

- Land use zone finder
- CMDA land use check
- Coastal regulation zone
- Master plan check
- Water bodies finder
- Airport height clearance

Registers and directories

Who holds it, and which office keeps the record.

- Find your registering office
- Temple property check
- Waqf property check
- RERA register

Every free tool
/tools

Services we run for you
/services

The LandLens suite
/landlens/one

Verified RealEstate™

Every claim in this document traces back to a government record.

- Legal opinions, due diligence and title verification
- Building plan, layout and sub-division approvals
- Completion and occupancy certificates, regularisation
- Escrow, negotiation and NRI property management
- Land survey, soil testing, architecture and construction

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+91 9996 12 9996

Prepared from the registers named on the page each finding sits on. Where a register could not be read, this document says so in its place rather than leaving the gap to be read as a clean result.