Verified RealEstate™

Your trusted partner for buying, selling, and managing property, ensuring hassle-free service with 100% transparency.

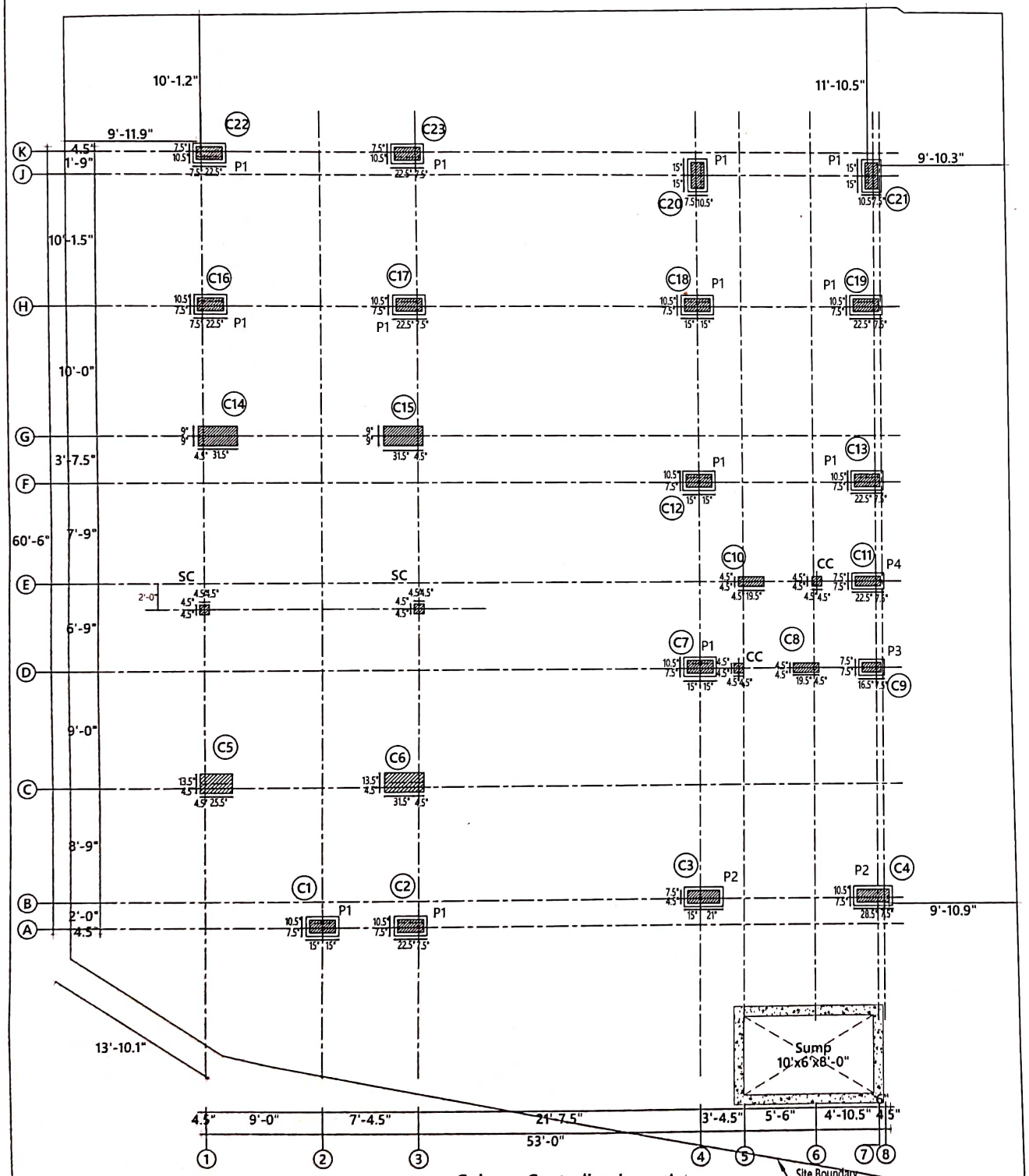
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

hello@verified.realestate
+91 9996 12 9996

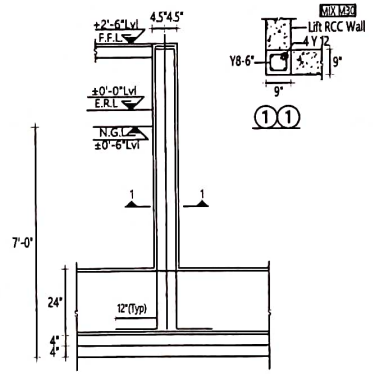
Official Property Record

Digitally Verified Record - Powered by Verified RealEstate™

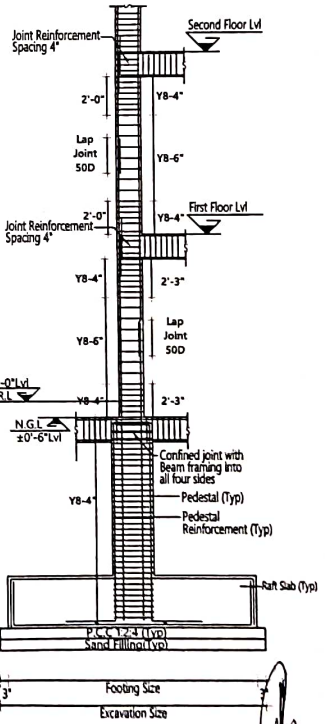




Column Centerline Layout



Typ. Details of Concealed Column -CC



Typical Ductile detailing of Column Reinforcement

Notes:

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

Project No.	Drawing No.	Revision No.
-	-	-

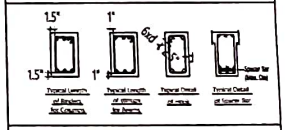
2. All Dimensions are in Feet and Inches
3. Grade of all R.C.C Items shall be M30 and Minimum Cement Content must be 340Kg/m³ by design mix confirming to I.S.456-2000 & I.S 10262-2019 unless otherwise specified
4. Y Denotes TORSO Steel confirming to I.S. 1786 - 2008. Grade - Fe 500
5. Clear cover to the main steel
   2" for Footings, Raft Slab & Raft Beam.
   1.5" for Columns.
   1" for Plinth beam, RCC Wall, Lintel & Beams.
   0.75" for Sunshade & Slab
6. Lap length shall be 50 d (Max.dia) for all bars.
7. ——— Bottom Reinforcement
8. — — — Top Reinforcement
9. Provide Continuous Chairs to keep top Reinforcement in position.
10. Spacer Bar to be Provided in Between Two Layers of Reinforcement with Maximum Dia used at Every 3'-3"c/c.
11. Not more than 50% of Reinforcement shall be Lapped at any particular Junction.
12. Foundation is designed for Stilt Plus Five Floors Head Room, Water tank Only.
13. S.B.C. of Soil is taken as 12.5 t/m² at 7'-0" depth from N.G.L as per Soil report submitted.
14. Cantilever props should be released only after thirty days of the next roof concreting.
15. Removal of formworks :
    I) For Slabs :
    a. Slabs spanning upto 4.5 m (15'-0") - 7 days
    b. Slabs spanning over 4.5 m (15'-0") - 14 days
    II) For Beams and Arches :
    c.Beams and arches spanning upto 6 m (20'-0") -14 days
    d.Beams and arches spanning over 6 m (20'-0") -21 days
16. For Earthquake analysis Zone III is taken as per IS.1893-2016 Code.
17. All Super Structure Wall should be in Brick work
18. Structure is designed for a live load of 200kg/m²
19. Column indications.
    - Indicates Regular Column
    - Indicates Column Reduction
    N.G.L - Natural Ground Level

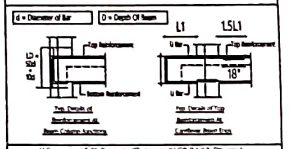
Notes

1. If Any Discrepancies Found in This Drawing it Must Be Brought To The Consultant's Notice Before Proceeding Further.
2. Structural Consultant's Responsibility is Limited To Design And Issue of Structural Drawings Only. If Otherwise It Would Be Deemed That Contractor/ Promoter/ Builder/ Owner Have Understood And Accepted The Drawings/Design And Own Full Responsibility For The Works Carried Out Accordingly.

Notes

All Sections will be in double scale if measured.





\\Server-pc\Vol1-Projects (Outgoing)\ICR RAAJU, Dhurga\ Padmanabha Nagar\Foundation

Design by	Drawn by	Checked by
Vinoth	Krishnaveni	Jaishankar

Good For Construction

Revision	Date	Description	Dsn
C			
B			
A			

Project:
Dhurga Sanam
Proposed Apartments at
1st Main Road,
Karpagam Gardens

Details of Raft Foundation & Plinth Beam Layout
(Drg No. 01, 02, 03, 04 & 05 Only)

Scale 1" = 8'-0" | Date 20-09-2024

Architects:
C R RAJU ASSOCIATES
NO.6, SOUTH AVENUE, SRINAGAR COLONY, CH - 15
P (044) 2230 1275, 2230 1277 FAX 2230 1224
Email: crraju_76@rediffmail.com

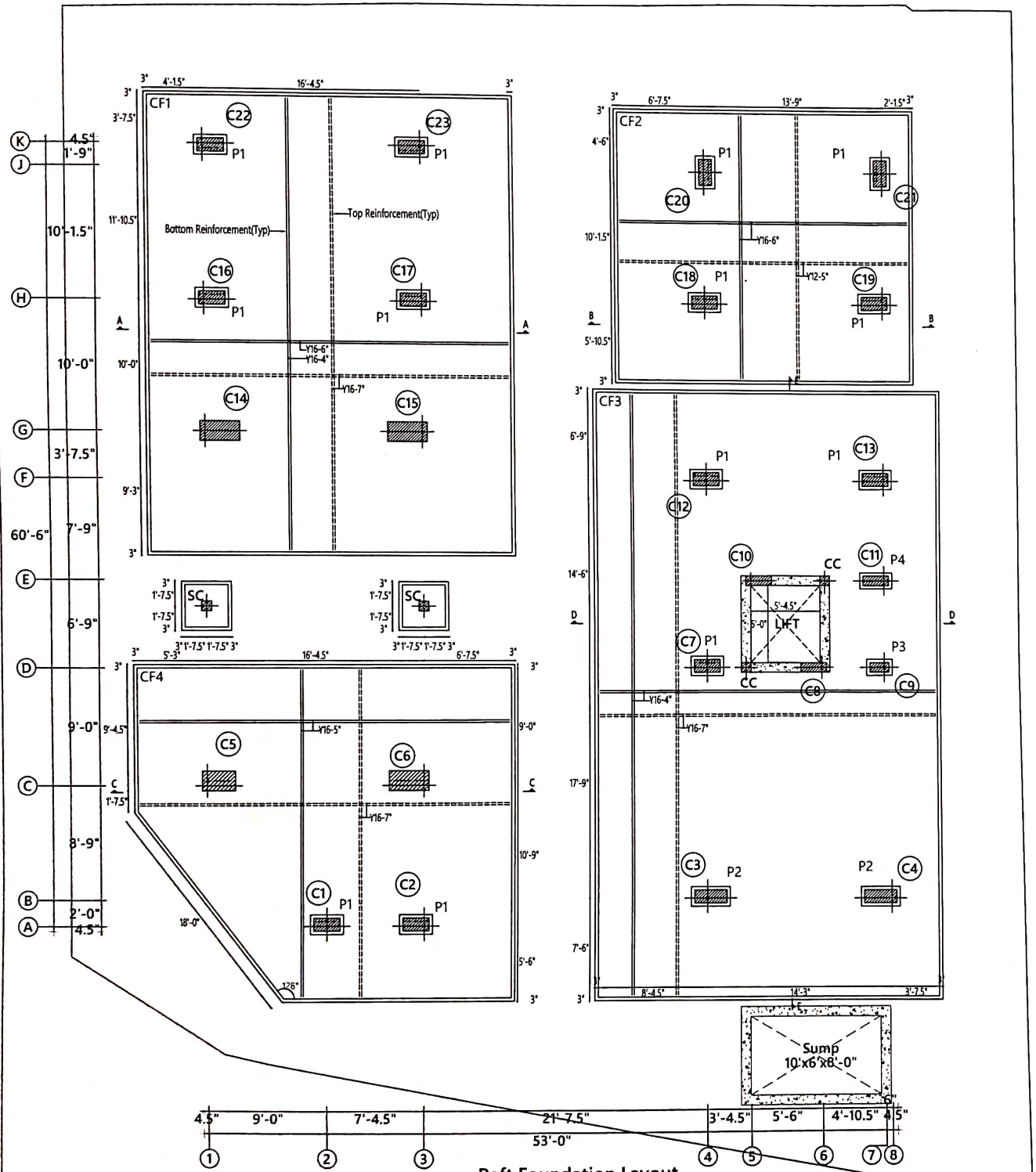
Client:
DHURGA CONSTRUCTION COMPANY
"DHURGA NIVAS"
NO.2,5TH LANE, INDIRA NAGAR,
CHENNAI - 20

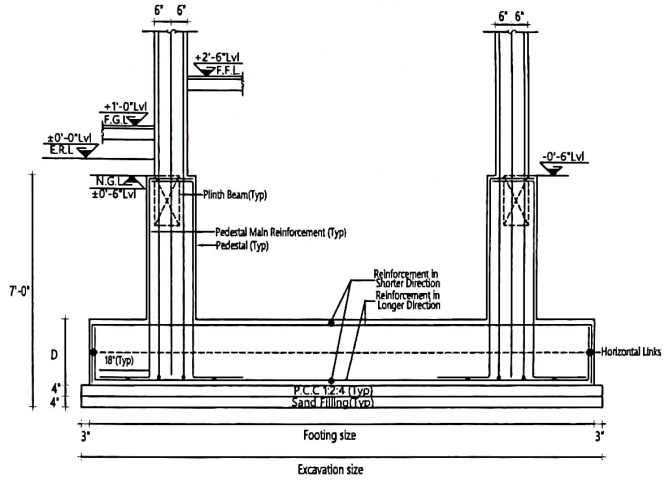
Structural Consultants: Ph: 044 4201 2955

ERA ELANGO B.E., A.M.I.E.,
STRUCTURAL ENGINEER-GRADE-II (SE)
Regd. No: SE/GR-II/19/03/010
3, 3rd Floor, Thandavan Street,
Purasawalkam, Chennai-7. Ph: 044-4201 2955
Email: jayacivilstecdesign@gmail.com

Civil Engineers: JAYA CIVIL TEC DESIGN PRIVATE LIMITED
"Venkateshwara"
No.3, Third Floor, Thandavan Street,
Purasawalkam, Chennai-600 007
E-mail:jayacivilstecdesign@gmail.com
Website:www.jayacivilstecdesign.com

Job No.	Drg No.
24-26	01





Typ. Details of Combined Footing -CF1 to CF4

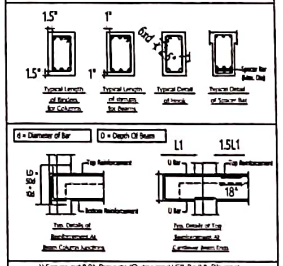
Pedestal Schedule :

S. No.	No of Pedestal	Pedestal Naming	Pedestal Size, Shape & Reinforcement	Shape of Binders	Binders	Concrete Mix
1.	13	P1	8 Y 12 — 18" X 30"		Y8-8"	M30
2.	2	P2	10 Y 12 — 18" X 36"		Y8-8"	M30
3.	1	P3	6 Y 12 — 15" X 24"		Y8-8"	M30
4.	1	P4	8 Y 12 — 15" X 30"		Y8-8"	M30
Total No Of Pedestal	17					

Notes
All Plinth beams are PB unless otherwise specified.

Notes
1. If Any Discrepancies Found In This Drawing It Must Be Brought To The Consultant's Notice Before Proceeding Further.
2. Structural Consultant's Responsibility Is Limited To Design And Issue of Structural Drawings Only. If Otherwise It Would Be Deemed That Contractor/ Promoter/ Builder/ Owner Have Understood And Accepted The Drawings/Design And Own Full Responsibility For The Works Carried Out Accordingly.

Notes
All Sections will be in double scale if measured.



\\Server-pc\ADI-Projects (Outgoing)\CR RAJU\ Dhurga\ Padmanabha Nagar\Foundation

Design by	Drawn by	Checked by
Vinoth	Krishnaveni	Jaisankar

Good For Construction

Revision	Date	Description	Ckd
C			
B			
A			

Project:
Dhurga Sanam
Proposed Apartments at
1st Main Road,
Karpagam Gardens

Details of Raft Foundation & Plinth Beam Layout
(Drg No. 01, 02, 03, 04 & 05 Only)

Scale 1" = 8'-0" | Date 20-09-2024

Architects:
C R RAJU ASSOCIATES
NO.6, SOUTH AVENUE, SRINAGAR COLONY, CH - 15
P: (044) 2220 1220, 2220 1227, FAX: 2220 1224
Email: crraju_76@rediffmail.com

Client:
DHURGA CONSTRUCTION COMPANY
"DHURGA NIVAS"
NO.2,5TH LANE, INDIRA NAGAR,
CHENNAI - 20.

Structural Consultants: Ph: 044-4201 2955

ERA ELANGO B.E.,A.M.I.E.,
STRUCTURAL ENGINEER-GRADE-II (SE)
Regd. No: SE/GR-II/19/03/010
3, 3rd Floor, Thandavan Street,
Purasawalkam, Channai-7. Ph: 044-4201 2955
Email: jayecivilstedesign@gmail.com

JAYS CIVIL TECDESIGN PRIVATE LIMITED
Venkatammal
No.3, Third Floor, Thandavan Street,
Purasawalkam, Chennai- 600 007
E-mail:jayscivilstedesign@gmail.com
Website:www.jayscivilstedesign.com

Job No.	Drg No.
24-26	02

Column Schedule :

S. No.	No of Column	Column Naming	Up To First Floor Slab Lvl Column Size, Shape & Reinforcement	Shape of Binders	From First Floor Slab Lvl To Second Floor Slab Lvl Column Size, Shape & Reinforcement	From Second Floor Slab Lvl To Third Floor Slab Lvl Column Size, Shape & Reinforcement	From Third Floor Slab Lvl To Fourth Floor Slab Lvl Column Size, Shape & Reinforcement	From Fourth Floor Slab Lvl To Fifth Floor Slab Lvl Column Size, Shape & Reinforcement	From Fifth Floor Slab Lvl To Roof Slab Lvl Column Size, Shape & Reinforcement	From Roof Slab Lvl To HeadRoom & OHT Column Size, Shape & Reinforcement	Shape of Binders	Binders	Concrete MIX
1	2	C14 & C15	8 Y 25 12 Y 20 16" X 36"									Y8-4" & Y8-6"	M30
2	1	C9	8 Y 16 9" X 18"		8 Y 16	8 Y 16	8 Y 16	8 Y 16 9" X 18"	8 Y 16 9" X 18"			Y8-4" & Y8-6"	M30
3	1	C21	10 Y 20 12" X 24"		10 Y 16 9" X 24"	10 Y 16 9" X 24"	10 Y 16 9" X 24"	10 Y 16 9" X 24"	10 Y 16 9" X 24"			Y8-4" & Y8-6"	M30
4	5	C1,C16,C20, C22&C23	10 Y 16 12" X 24"		8 Y 16 2 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"			Y8-4" & Y8-6"	M30
5	2	C17&C19	10 Y 16 12" X 24"		8 Y 16 2 Y 12 9" X 24"	6 Y 16 4 Y 12 9" X 24"	6 Y 16 4 Y 12 9" X 24"	6 Y 16 4 Y 12 9" X 24"	6 Y 16 4 Y 12 9" X 24"			Y8-4" & Y8-6"	M30
6	2	C18&C2	10 Y 20 12" X 24"		8 Y 20 9" X 24"	4 Y 20 6 Y 16 9" X 24"	4 Y 20 6 Y 16 9" X 24"	4 Y 20 6 Y 16 9" X 24"	10 Y 16 9" X 24"			Y8-4" & Y8-6"	M30
7	1	C4	10 Y 16 12" X 30"		4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"			Y8-4" & Y8-6"	M30
8	1	C3	14 Y 25 12" X 30"		4 Y 25 6 Y 12 9" X 24"	4 Y 20 6 Y 16 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"			Y8-4" & Y8-6"	M30
9	1	C5	16 Y 20 18" X 30"		4 Y 20 8 Y 16 9" X 30"	4 Y 16 8 Y 12 9" X 30"	12 Y 12 9" X 30"	12 Y 12 9" X 30"	12 Y 12 9" X 30"			Y8-4" & Y8-6"	M30
10	1	C6	20 Y 25 18" X 36"		16 Y 20 9" X 36"	16 Y 20 9" X 36"	16 Y 20 9" X 36"	16 Y 20 9" X 36"	16 Y 20 9" X 36"			Y8-4" & Y8-6"	M30
11	2	C8&C10	12 Y 16 9" X 24"		4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"	4 Y 16 6 Y 12 9" X 24"		Y8-4" & Y8-6"	M30
12	1	C11	10 Y 25 9" X 24"		10 Y 25 9" X 24"	4 Y 25 6 Y 20 9" X 24"	4 Y 25 6 Y 20 9" X 24"	4 Y 20 6 Y 16 9" X 24"	4 Y 20 6 Y 16 9" X 24"	4 Y 16 6 Y 12 9" X 24"		Y8-4" & Y8-6"	M30

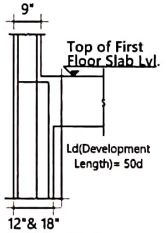
Column Schedule :

S. No.	No of Column	Column Naming	Up To First Floor Slab Lvl Column Size, Shape & Reinforcement	Shape of Binders	From First Floor Slab Lvl To Second Floor Slab Lvl Column Size, Shape & Reinforcement	From Second Floor Slab Lvl To Third Floor Slab Lvl Column Size, Shape & Reinforcement	From Third Floor Slab Lvl To Fourth Floor Slab Lvl Column Size, Shape & Reinforcement	From Fourth Floor Slab Lvl To Fifth Floor Slab Lvl Column Size, Shape & Reinforcement	From Fifth Floor Slab Lvl To Roof Slab Lvl Column Size, Shape & Reinforcement	From Roof Slab Lvl To HeadRoom & OHT Column Size, Shape & Reinforcement	Shape of Binders	Binders	Concrete MIX
13	2	C7&C13	10 Y 20 12" X 24"		10 Y 20 9" X 24"	10 Y 20 9" X 24"	4 Y 20 6 Y 16 9" X 24"	4 Y 20 6 Y 16 9" X 24"	4 Y 20 6 Y 16 9" X 24"	4 Y 16 6 Y 12 9" X 24"		Y8-4" & Y8-6"	M30
13	1	C12	10 Y 25 12" X 24"		10 Y 25 9" X 24"	4 Y 25 6 Y 20 9" X 24"	4 Y 20 6 Y 16 9" X 24"	10 Y 16 9" X 24"	10 Y 16 9" X 24"	4 Y 16 6 Y 12 9" X 24"		Y8-4" & Y8-6"	M30

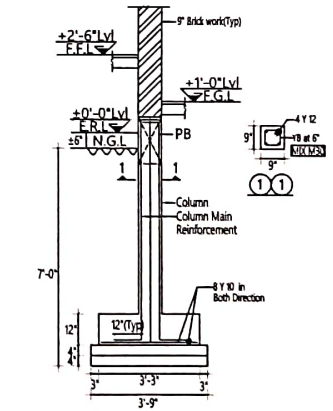
Total No of Columns = 23

Footing Schedule :

S.No:	Footing Details	No of Footing	Excavation Size	Footing Size	Depth	Bottom Reinforcements		Top Reinforcements	
					D	Shorter Direction	Longer Direction	Shorter Direction	Longer Direction
1.	CF1	1	27'-9" X 35'-6"	27'-3" X 34'-9"	36"	70 Y 16	82 Y 16	60 Y 16	47 Y 16
2.	CF2	1	23'-0" X 21'-0"	22'-6" X 20'-6"	30"	46 Y 16	42 Y 16	55 Y 12	50 Y 12
3.	CF3	1	26'-9" X 47'-0"	26'-3" X 46'-6"	36"	79 Y 16	140 Y 16	46 Y 16	80 Y 16
4.	CF4	1	Refer Layout		36"	68 Y 16	61 Y 16	49 Y 16	44 Y 16
Total No of Footings : 4									



Typ. Details of Column Reduction From 12"& 18" To 9"



Details of Stub Column Footing - SC

ERA ELANGO B.E.,A.M.I.E.,
STRUCTURAL ENGINEER-GRADE-II (SE)
Regd. No: SE/GR-II/19/03/010
3, 3rd Floor, Thandavan Street,
Purasawalkam, Chennai-7. Ph: 044-4201 2965
Email: jayscivilsedesign@gmail.com

Notes
1. If Any Discrepancies Found In This Drawing It Must Be Brought To The Consultant's Notice Before Proceeding Further.
2. Structural Consultant's Responsibility Is Limited To Design And Issue of Structural Drawings Only. If Otherwise It Would Be Deemed That Contractor/ Promoter/ Builder/ Owner Have Understood And Accepted The Drawings/Design And Own Full Responsibility For The Works Carried Out Accordingly.

Notes:
Master Link (Same Dia of Binder)
Master Link To Be Provided At Every 3' -3" Length of Column

Notes
All Sections will be in double scale if measured.

\\Server-pc\Vol1-Projects (Outgoing)\G R RAJU Dhurga\Padmavathi Nagar\Foundation

Design by	Drawn by	Checked by
Vinoth	Krishnaveni	Jayachitran

Good For Construction

Revision	Date	Description	Ckd
C			
B			
A			

Project:
Dhurga Sanam
Proposed Apartments at
1st Main Road,
Karpagam Gardens

Details of Raft Foundation & Plinth Beam Layout
(Drg No. 01, 02, 03, 04 & 05 Only)

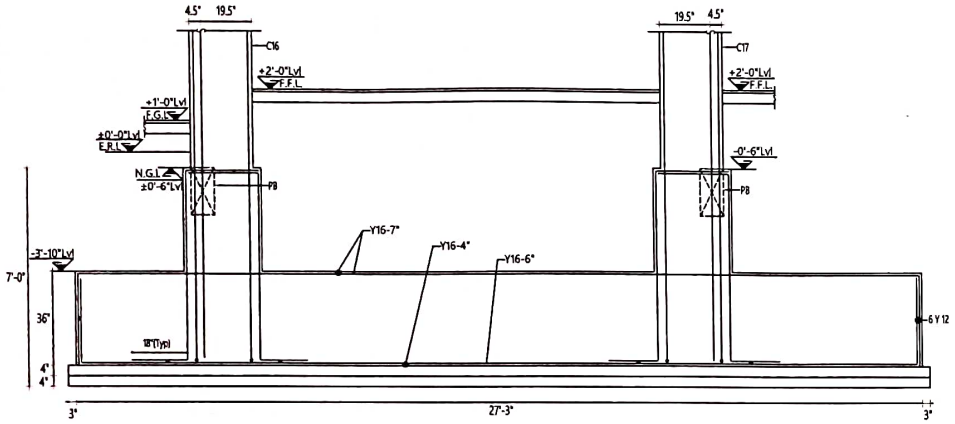
Scale: 1" = 8'-0" | Date: 20-09-2024

Architects:
G R RAJU ASSOCIATES
NO.8, SOUTH AVENUE, KRINAGAR COLONY, CH - 15
P: (044) 2220 1220, 2220 1227, FAX: 2220 1224
Email: chi-gru_7b@rediffmail.com

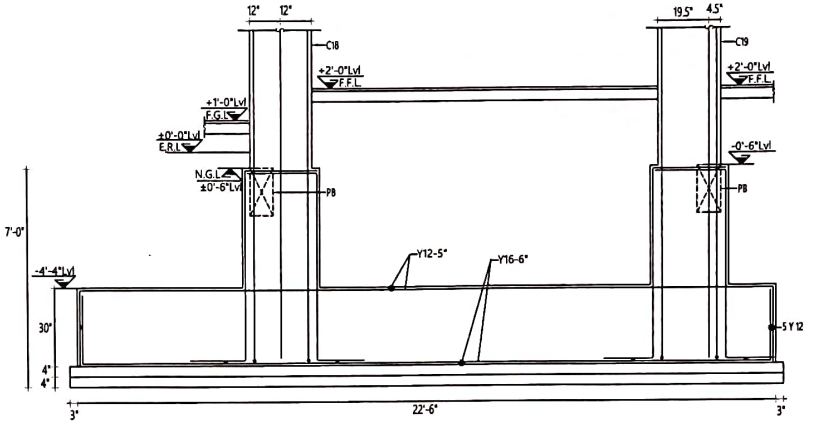
Client:
DHURGA CONSTRUCTION COMPANY
"DHURGA NIVAS"
NO.2,5TH LANE, INDIRA NAGAR,
CHENNAI - 20

Structural Consultants: Ph: 044 4201 2965
JAYS CIVIL TEC DESIGN PRIVATE LIMITED
No.3, Third Floor, Thandavan Street, Purasawalkam, Chennai-600 007
E-mail: jayscivilsedesign@gmail.com
Website: www.jayscivildesign.com

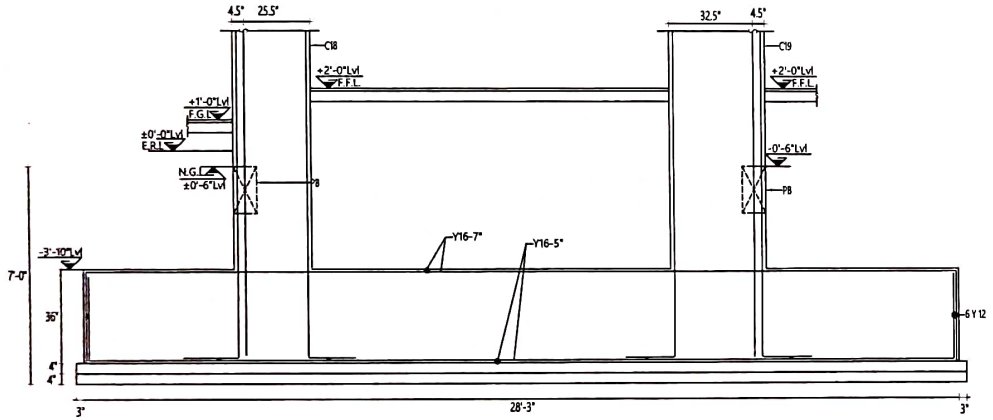
Job No.	Leg No.
24-26	03



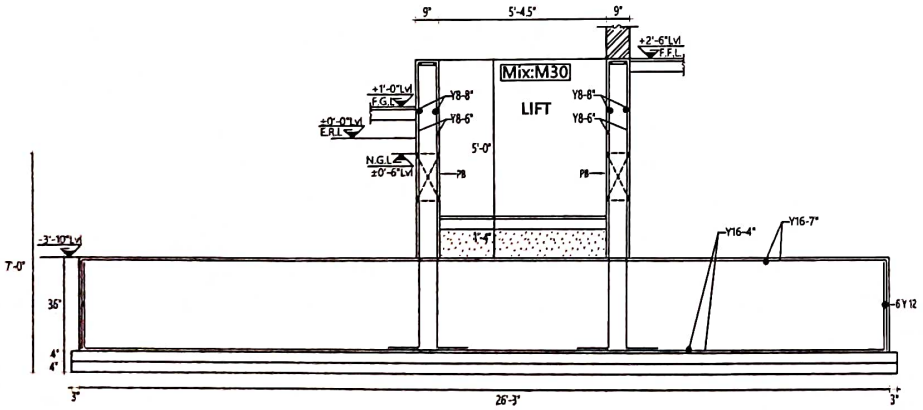
(A)(A)



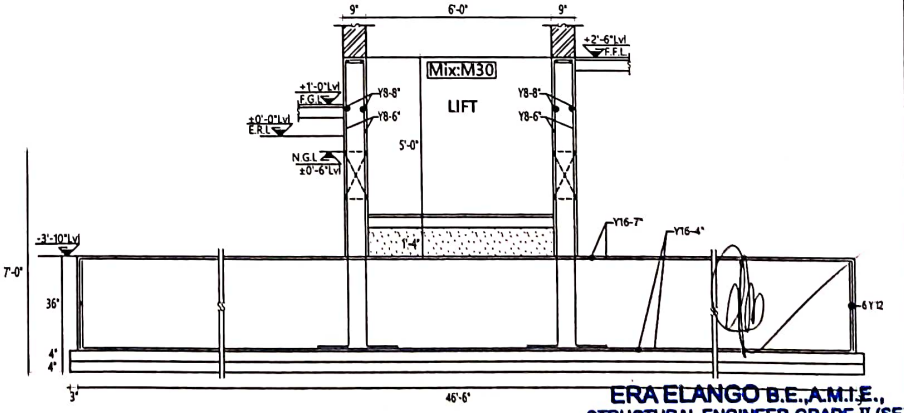
(B)(B)



(C)(C)



(D)(D)



(E)(E)

Notes
1. If Any Discrepancies Found In This Drawing It Must Be Brought To The Consultant's Notice Before Proceeding Further.
2. Structural Consultant's Responsibility Is Limited To Design And Issue of Structural Drawings Only. If Otherwise It Would Be Deemed That Contractor/ Promoter/ Builder/ Owner Have Understood And Accepted The Drawings/Design And Own Full Responsibility For The Works Carried Out Accordingly.

Note:
Master Link (Same Dia of Binder)
Master Link To Be Provided At Every 3'-3" Length of Column

Notes
All Sections will be in double scale if measured.

\\Server-pc\NDI-Projects (Outgoing)\CR RAJU\ Dhurga\ Padmanabha Nagar\ Foundation

Design by	Drawn by	Checked by
Vinoth	Krishnaveni	Jayadevan

Good For Construction

Revision	Date	Description	Ckd
C			
B			
A			

Project:
Dhurga Sanam
Proposed Apartments at
1st Main Road,
Karpagam Gardens

Details of Raft Foundation & Plinth Beam Layout
(Drg No. 01, 02, 03, 04 & 05 Only)

Scale 1" = 8'-0" Date 20-08-2024

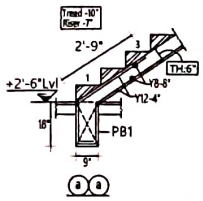
Architects:
C R RAJU ASSOCIATES
NO 6, SOUTH AVENUE, SRINAGAR COLONY, CH - 15
P (044) 2220 1220, 2220 1227 FAX 2220 1224
Email : mail@crraju.com

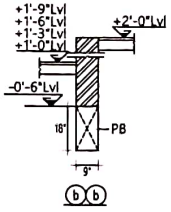
Client:
DHURGA CONSTRUCTION COMPANY
"DHURGA NIVAS"
NO.25TH LANE, INDIRA NAGAR,
CHENNAI - 20

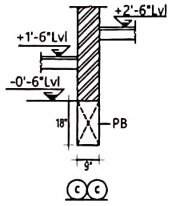
Structural Consultant:
ERA ELANGO B.E., A.M.I.E.,
STRUCTURAL ENGINEER-GRADE-II (SE)
Regd. No: SE/GR-II/19/03/010
3, 3rd Floor, Thandavan Street,
Purasawalkam, Chennai-7. Ph: 044-4201 2955
Email: jayscivilteedesign@gmail.com
Ph : 044 4201 2955

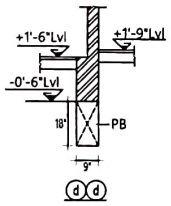
JAYS CIVIL TEC DESIGN PRIVATE LIMITED
"Vanivasthara"
No.3, Third Floor, Thandavan Street,
Purasawalkam, Chennai-600 007
E-mail:jayscivilteedesign@gmail.com
Website:www.jayscivilteedesign.com

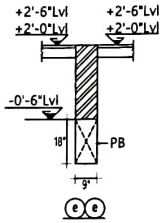
Job No	Drg No
24-26	04

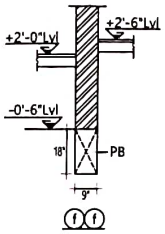


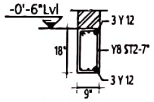




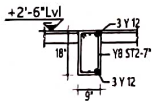




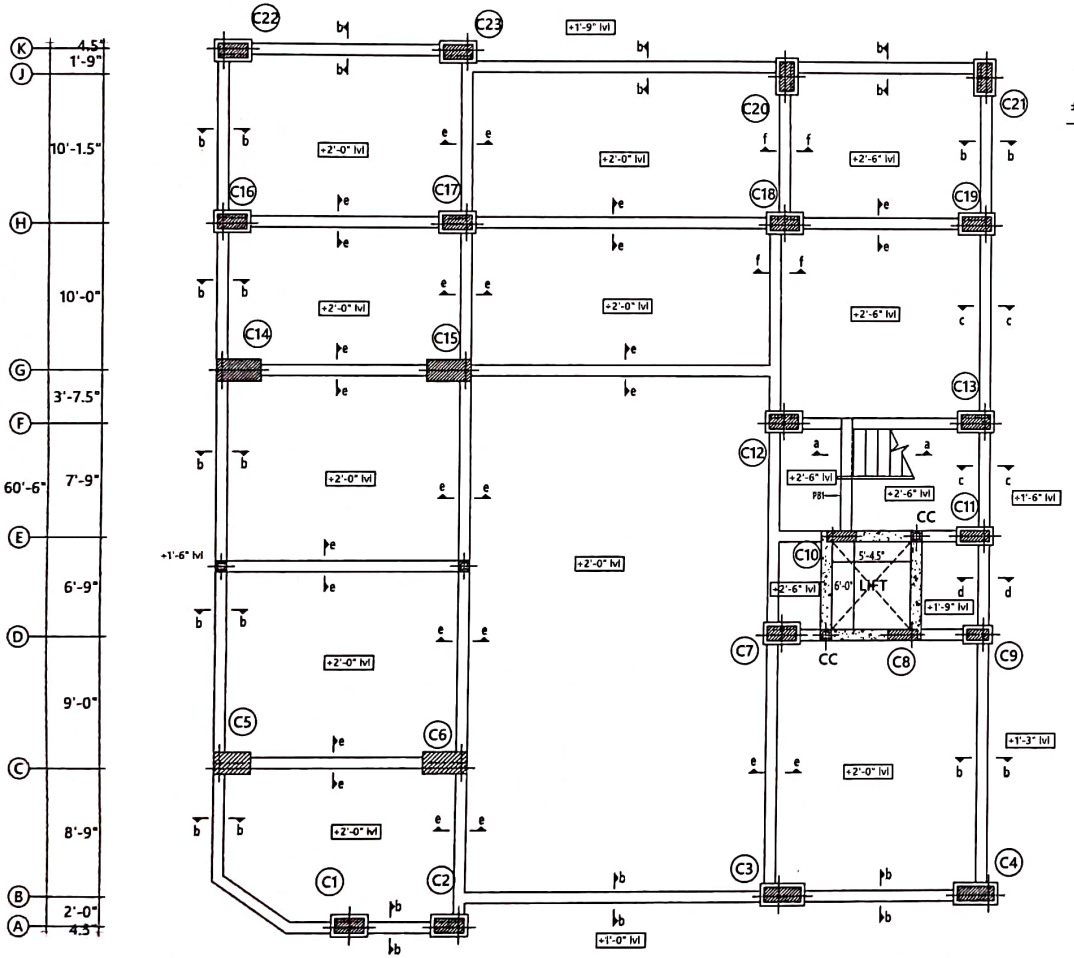


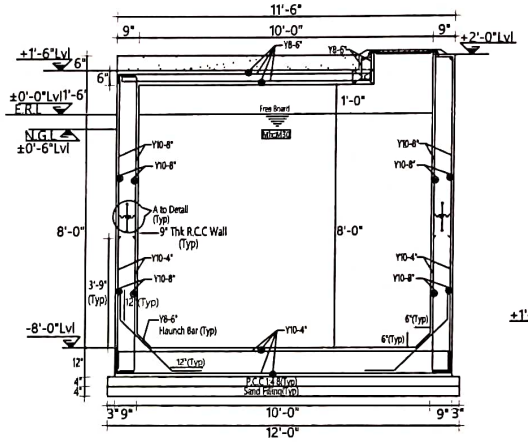


Typ. Detail of Plinth Beam-PB

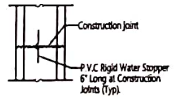


Typ. Detail of Plinth Beam-PB1

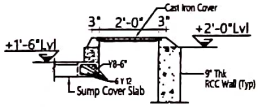




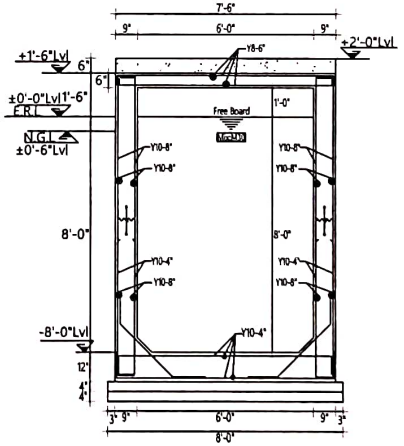
A A



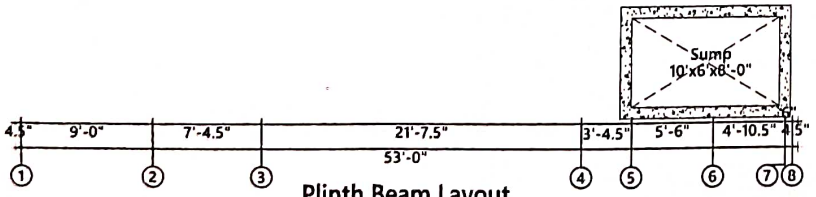
Detail at "A"



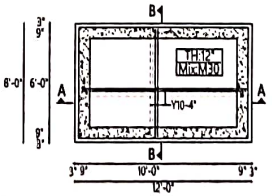
Typ. Detail of Man Hole



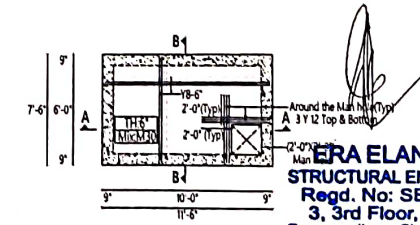
B B



Plinth Beam Layout



Sump Base Slab Layout at -8'-0" Lvl

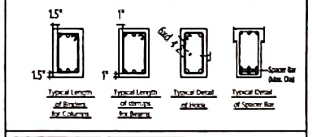


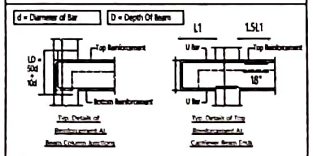
Sump Cover Slab Layout at +1'-6" Lvl

Notes
All Plinth beams are PB unless otherwise specified.

Notes
1. If Any Discrepancies Found In This Drawing It Must Be Brought To The Consultant's Notice Before Proceeding Further.
2. Structural Consultant's Responsibility is Limited To Design And Issue of Structural Drawings Only. If Otherwise It Would Be Deemed That Contractor/ Promoter/ Builder/ Owner Have Understood And Accepted The Drawings/Design And Own Full Responsibility For The Works Carried Out Accordingly.

Notes
All Sections will be in double scale if measured.





\\Server-pc\A01-Projects (Outgoing)\\CR RAJU\ Dhurga\ Padmanabha Nagar\Foundation

Design by	Drawn by	Checked by
Vinoth	Krishnaveni	Jaindran

Good For Construction

Revision	Date	Description	Ckd
C			
B			
A			

Project:
Dhurga Sanam
Proposed Apartments at
1st Main Road,
Karpagam Gardens

Details of Raft Foundation & Plinth Beam Layout
(Drg No. 01, 02, 03, 04 & 05 Only)

Scale : 1" = 8'-0" | Date : 20-09-2024

Architects:
C R RAJU ASSOCIATES
NO 6, SOUTH AVENUE, SRINAGAR COLONY, CHENNAI - 15
P (044) 2220 1220, 2220 1227, FAX 2220 1224
E-mail: crraju_36@rediffmail.com

Client:
DHURGA CONSTRUCTION COMPANY
"DHURGA NIVAS"
NO.2,5TH LANE, INDIRA NAGAR,
CHENNAI - 20
Ph: 044-4201 2955

ERA ELANGO B.E.,A.M.I.E.,
STRUCTURAL ENGINEER-GRADE-II (SE)
Regd. No: SE/GR-II/19/03/010
3, 3rd Floor, Thandavan Street,
Purasawalkam, Chennai-7. Ph: 044-4201 2955
Email: jaysciviltecdesign@gmail.com

JAYS CIVIL TECH DESIGN PVT. LTD

Job No.	Drg No.
24-26	05



our services doesn't just end there

Buying & Selling Services

Property Buying Assistance, Property Selling Support, Market Price Analysis, Owner Outreach and Negotiation.

Legal & Documentation Services

Certified EC, Patta, legal opinions, property verification, due diligence, litigation solutions, and legal heir certificates.

Property Development & Approvals

Building plan approvals, construction, layout and sub-division approvals, zone conversion, and occupancy certification.

NRI & Investment Services

Escrow Services, Rentals, Litigation Solutions, Property Valuation and Property Management

Compliance & Special Services

Demolition, Vaasthu checks, regularization of unauthorized buildings, and office space solutions.



empowering your real estate decisions with smart tools

Property Valuation & Cost Estimation

Guideline Value, Apartment Composite Value, Stamp Duty & Registration Fees Calculator, Building Value Calculator, Capital Gains Calculator, Area Unit Converter, Length Unit Converter

Ownership, Compliance & Legal Verification

Encumbrance Certificate (EC) Search, Find Your SRO, Temple Property Check, WAQF Property Check, View Patta/Chitta, View FMB, Patta Analyzer, EC Analyzer

Zoning & Land Use Analysis

Land Use Zone Finder, CRZ Zone Check, Aquifer Zone Check, CBA Check, EWS Check, Road Width Check, Proposed Road Widening Check, FSI Calculator

Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

Verified RealEstate™

We're honored to be part of your real estate journey

3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

hello@verified.realestate
+91 9996 12 9996
www.verified.realestate