Verified RealEstate™

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

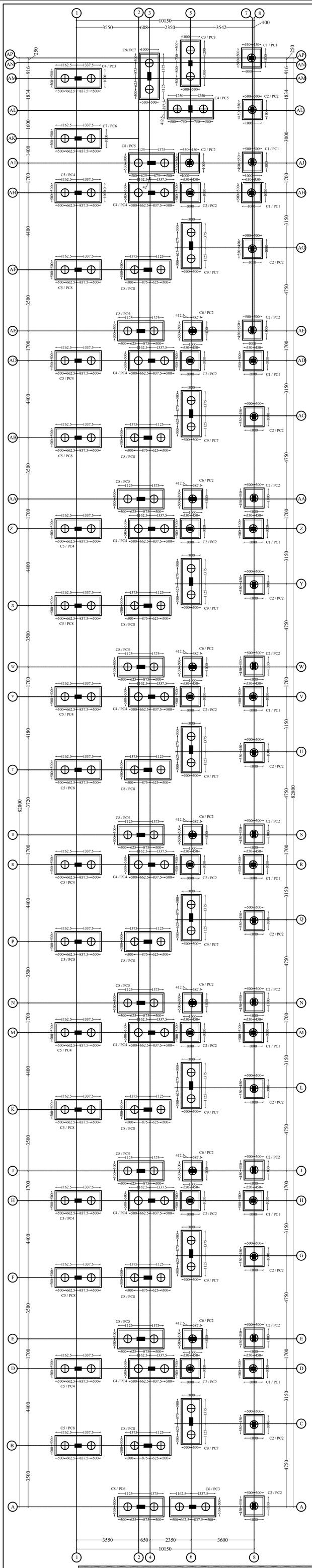
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

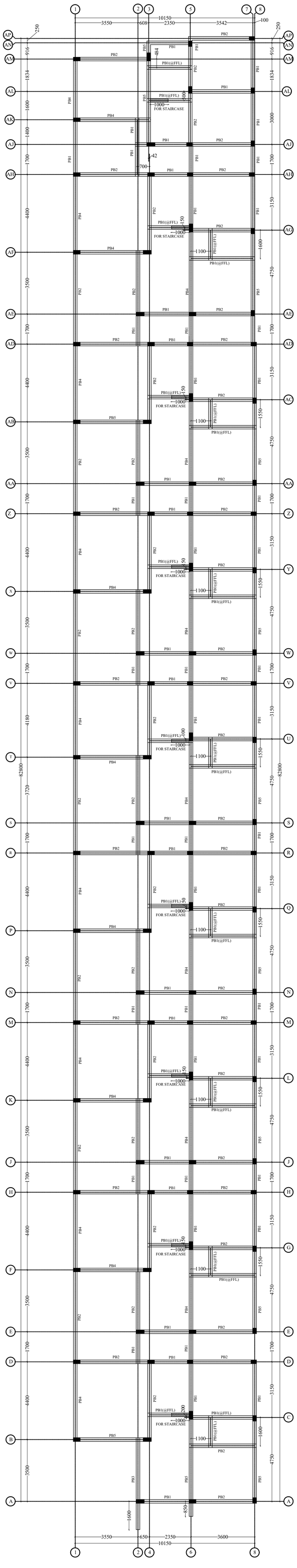
hello@verified.realestate
+91 9996 12 9996
www.verified.realestate

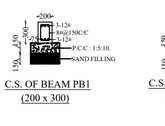
Official Property Record

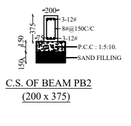


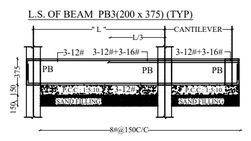
Digitally Verified Record - Powered by Verified RealEstate™

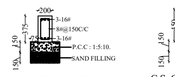


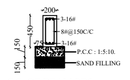


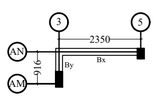


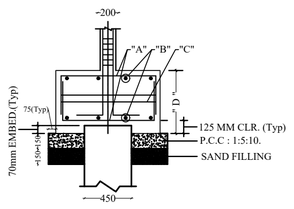




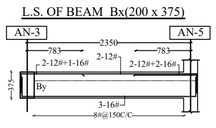




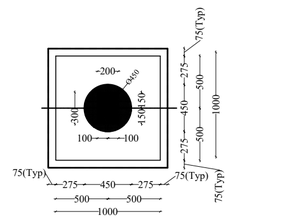




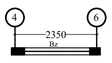
SECTION

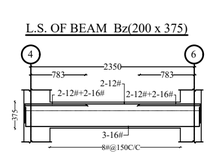


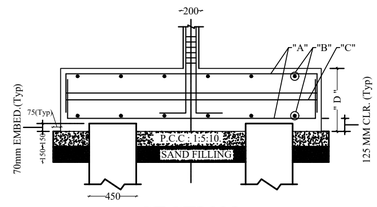




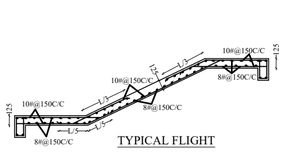
1-PILE GROUP PLAN

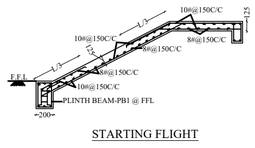




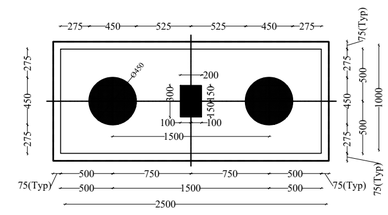


SECTION





STAIRCASE



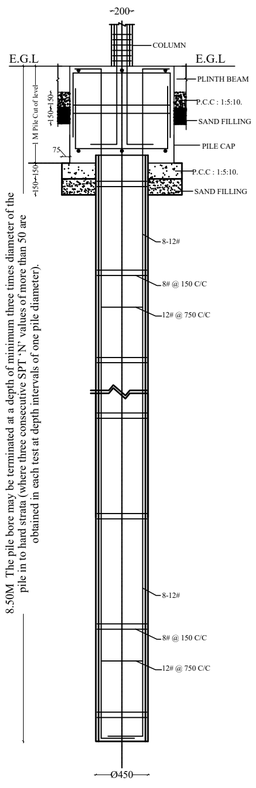
2-PILE GROUP PLAN

NO	REASONS	DATE
04		
03		
02		
01	REISSUED FOR CONSTRUCTION	16-04-2024

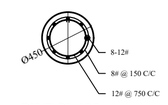
REVISIONS

PILE NOTES:

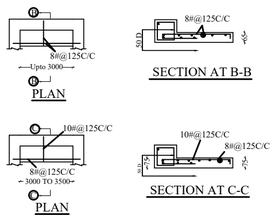
1. THIS STRUCTURAL NOTES SHOULD BE READ WITH THE RELEVENT SOIL TEST INSTRUCTIONS OR RECOMMENDATIONS.
2. BORED CAST IN-SITU PILE(END BEARING CUM FRICTION WITH SOCKETTING)SHALL BE ADOPTED BY TERMINATING PILE LENGTH AT 8.5 M FROM THE EXISTING GROUND
3. PILE CUT LEVEL IS CONSIDERED 1.0 M BELOW E.G.L.
4. DEPTH OF THE PILE TO BE DESIRED AFTER REACHING HARD STATUM, BENTONITE SLURRY JUST BEFORE POURING THE CONCRETE.
5. IT IS MANDATORY TO CONSTRUCT PROTOTYPE PILE LOAD TEST AS PER THE GUIDE LINES LAID DOWN IN IS:2911-PART-IV. TO CONFIRM THE THEORITICAL ESTIMATE. BEFORE PROCEEDING WITH THE EXECUTION.
6. CONCRETE M30(DESIGN MIX) FOR PILE & PILE CAP



PILE SECTION



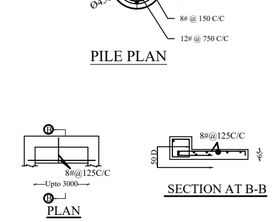
PILE PLAN



LOFT DETAILS



LINTEL DETAILS



GENERAL NOTES:

1. THIS STRUCTURAL DRAWING SHOULD BE READ WITH THE RELEVANT ARCHITECTURAL DRAWINGS.
2. CLEAR COVER FROM STIRRUP SURFACE 25MM IN BEAMS, 75MM IN FOOTINGS, 20MM IN SLABS, 40MM IN COLUMNS AND BEAMS BELOW GROUND LEVEL.
3. ALL FOOTING RODS BENT 75MM UP, BEAM RODS BENT 150 MM DOWN FOR TOP RODS AND BENT 150MM UP FOR BOTTOM COLUMN RODS BENT 450MM OUTER.
4. ALL LAPS IN COLUMNS STAGGERED, 1:6 SLOPE FOR CRANK IN LAP, LAP SHALL BENT AT MID HEIGHT.
5. STEEL : TMT 550 , CEMENT: 53 GRADE
6. HOOKS 135 DEGREE BENT .
7. USE CHAIR FOR TOP LAYER REINFORCEMENT.
8. ALL SLAB RODS LAP 45 DIA , BEAM RODS LAP 55 DIA COLUMN RODS LAP 45 DIA.
9. IF REQUIRED,USE SRP CEMENT BELOW EARTH FOR ALL CONCRETE.
10. USE BONDING CHEMICALS FOR ALL CONSTRUCTION JOINT. PROVIDE CONSTRUCTION JOINT ATLEAST REINFORCEMENT LINES.
11. ONE SAMPLE CUBE TEST, TEST FOR CEMENT, TEST FOR STEEL TO BE MADE FOR FOUNDATION WORK AND EVERY FLOOR CONCRETE WORK.
12. AVOID CLAY SOIL FILLING ON BASEMENT AND BELOW ANY CONCRETE WORK.
13. USE PH.7 DRINKABLE (PORTABLE) WATER CONFORM TO CLAUSE NO.4.3 OF IS 456.
14. REMOVE ALL BENTS IN REINFORCEMEENT, CHECK ANY CRACK IN HOOK/CRANK OUTER SURFACES. REJECT FRACTURED STEEL AND TEMPERED STEEL.
15. ALL PARTITION 200 MM & 100 MM AAC BLOCK WALLS TO BE BUILD AFTER RELEASING RCC SHUTTER.
16. USE VIBRATER FOR ALL CONCRETE WORKS.
17. USE 1:3 MIX MORTOR COVER BLOCK IN CUBIC SIZE 25x25x25 / 40x40x40 / 75x75x75. DIP COVER BLOCK IN CEMENT SLURRY.
18. RELEASE RCC BOTTOM SHUTTER AFTER 14 DAYS ONLY.
19. ONE LIFT PER DAY FOR COLUMN CONCRETE AND RELEASE COLUMN SHUTTER ON THE NEXT DAY OF CENTERING.
20. CONCRETE M30 (DESIGN MIX) FOR PILE AND PILE CAP CONCRETE M25 (1:1:2) FOR COLUMN, BRAM & SLAB
21. P.C.C 1:5:10 FOR FOUNDATION AND 1:4:8 FOR FLOORING.
22. FOR PILE INSTRUCTION,CONDITION AND NOTES FOLLOW THE SOIL INVESTIGATION REPORT.
23. FOUNDATION DESIGNED FOR GROUND FLOOR + FIRST FLOOR + PARTIAL SECOND FLOOR.

SCALE	A1
DATE	05-03-2024
DWG NO	JONES-CASSIA-F-001
FILE	JONES / CASSIA / F /STRUCT.DWG
DESIGN	K.R
DRAWN	D.S.D
CHKD	K.R

DWG TITLE:-

PILE, PILECAP, COLUMN & PLINTH

BEAM REINFORCEMENT DETAILS.

PROJECT TITLE :-

PROPOSED RESIDENCE

CASSIA 8 - " F " - BLOCK

@ OTTIAMPAKKAM
CHENNAI.

DEVELOPER :-

JONES FOUNDATION PVT LTD

JONES TOWERS
VELACHERRY- TAMBARAM MAIN ROAD,
KAMAKOTI NAGAR, PALLIKARANAI, CHENNAI-600100

ARCHITECTS :-

Ar. STANLEY

JONES FOUNDATIONS PVT LTD

STRUCTURAL CONSULTANTS :-

GENUINE CONSULTANTS.,
K.RAJKUMAR-M.Tech
PLOT NO:56,
PALLIKARANAI,
CHENNAI - 600 100.
E-MAIL: genuine.civil@gmail.com
OFFICE : 044- 48511444.

COLUMN SCHEDULE

CONCRETE : M25 , STEEL : Fe 550

TYPE	COLUMN UPTO GROUND FLOOR ROOF: SIZE	MAIN STEEL	SHAPE	COLUMN ABOVE GROUND FLOOR ROOF: SIZE	MAIN STEEL	SHAPE	RINGS: @sup. L/3 dist.	RINGS: @Mid-span
C1	200 x 300	4-16#		200 x 300	4-16#		8#@150C/C	8#@200C/C
C2	200 x 300	4-16# + 2-12#		200 x 300	4-16#		8#@150C/C	8#@200C/C
C3	200 x 300	6-16#		200 x 300	4-16#		8#@150C/C	8#@200C/C
C4	200 x 375	6-16# + 2-12#		200 x 375	6-16#		8#@150C/C	8#@200C/C
C5	200 x 375	4-20# + 2-16#		200 x 375	6-16#		8#@100C/C	8#@200C/C
C6	200 x 375	6-20#+ 2-12#		200 x 375	6-20#+ 2-12#		8#@100C/C	8#@200C/C
C7	200 x 375	6-20#+ 2-12#		200 x 375	6-16#		8#@100C/C	8#@200C/C
C8	200 x 450	4-20# + 2-16#		200 x 450	6-16#		8#@100C/C	8#@200C/C
C9	200 x 450	6-20# + 2-12#		200 x 450	6-16#		8#@100C/C	8#@200C/C
FC1	FROM SECOND FLOOR ROOF			200 x 300	4-16#		8#@150C/C	8#@200C/C
FC2	FROM GROUND FLOOR ROOF			200 x 375	6-16#		8#@100C/C	8#@200C/C
FC3	FROM GROUND FLOOR ROOF			200 x 375	6-16# + 2-12#		8#@100C/C	8#@200C/C

ALL DIMENSIONS, SIZES & SPACINGS ARE IN MM

PILE CAP

CONCRETE: M30 STEEL : Fe 550

TYPE	A	B	C	D
PC1	12#@150C/C	12#@150C/C	10#@150C/C	400
PC2	12#@125C/C	12#@125C/C	10#@150C/C	450
PC3	12#@175C/C	12#@150C/C	10#@150C/C	460
PC4	12#@125C/C	12#@150C/C	10#@150C/C	480
PC5	12#@125C/C	12#@150C/C	10#@150C/C	500
PC6	16#@200C/C	12#@150C/C	10#@150C/C	520
PC7	16#@200C/C	12#@150C/C	10#@150C/C	540
PC8	16#@200C/C	12#@150C/C	10#@150C/C	590

GOOD FOR CONSTRUCTION

Our services go beyond

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.

Smarter Tools, Stronger Decisions

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™

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