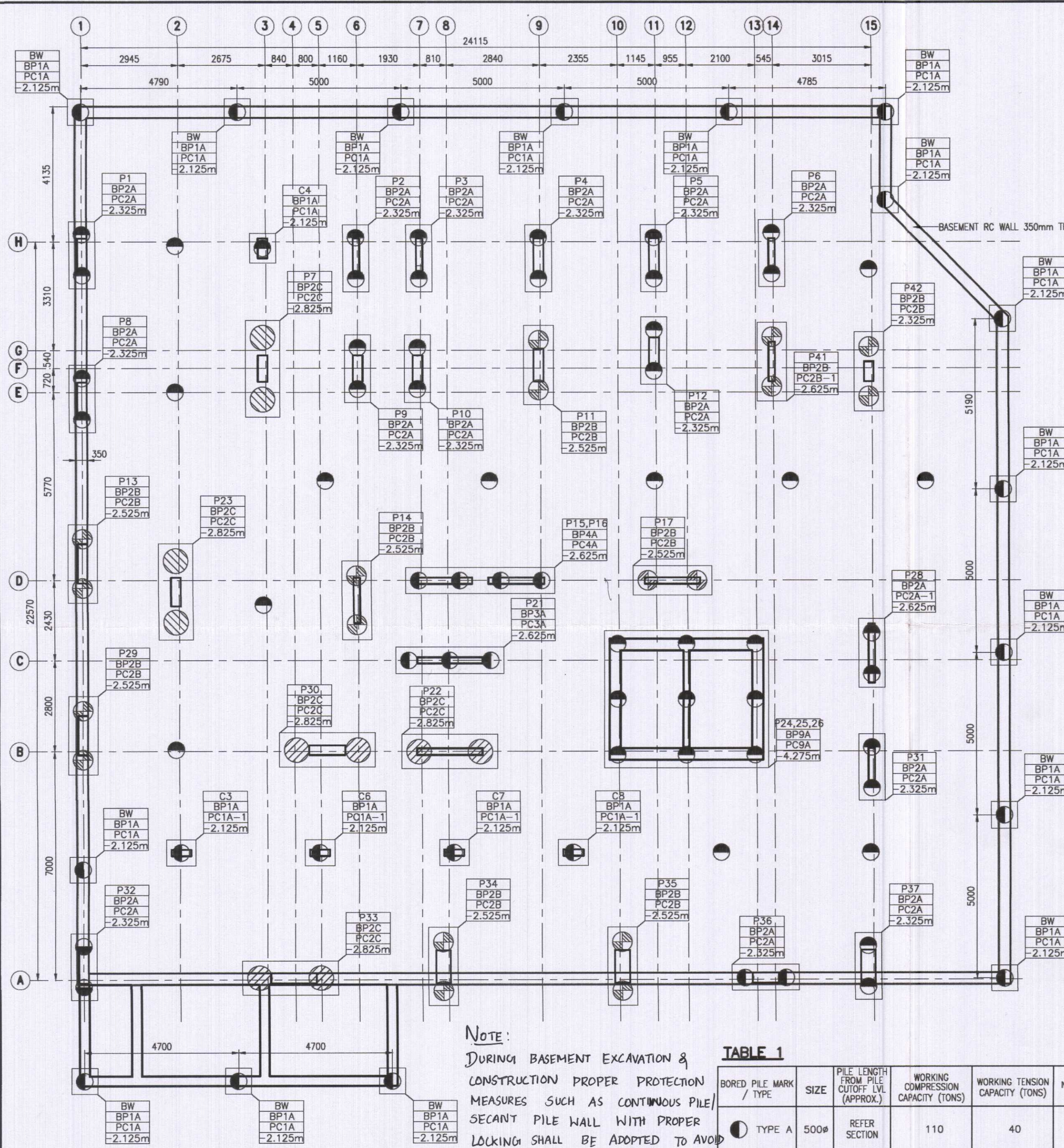




- NOTES:**
1. ALL DIMENSIONS ARE IN MM.
 2. FOR GENERAL NOTES REFER TO DWG. NO. BE1651_S-/NT/--/01.
 3. FOR STANDARD DETAILS REFER TO DWG. NO. BE1651_S-/SD/--/01
 4. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE KEY PLAN, ARCHITECTURAL AND ALL OTHER RELEVANT DRAWINGS.
 5. GRADE OF CONCRETE
PILE-M30
BASEMENT SLAB, BASEMENT WALL, PILECAP, UG WATER TANK, STP-M30
R.C. SLABS, R.C. BEAMS, STAIRCASE- M30
SHEAR WALLS (LIFT COREWALL & STAIRCASE WALL), RC COLUMN-M40
ALL OTHER STRUCTURAL MEMBERS - M30
 6. STEEL GRADE: Fe 500 CONFIRMING TO IS:1786-2008
 7. CLEAR COVER FOR PILE, PILECAP-75mm, BASEMENT SLAB-50mm, COLUMN-40mm, SHEAR WALL/BASEMENT WALL-40mm, SLAB-25mm, BEAM-35mm
 8. UNLESS OTHERWISE SPECIFIED, LAP/DEVELOPMENT LENGTH SHALL NOT BE LESS THAN 50 X DIA OF BAR
 9. SEISMIC LOAD HAS BEEN CONSIDERED AS PER IS:1893-2016 WITH SEISMIC ZONE III
 10. STRUCTURE TO BE CONSTRUCTED IN ACCORDANCE WITH IS:456-2000, NBC(SP-7-1983) AND RELEVANT INDIAN CODE STIPULATIONS
 11. DENSITY OF THE LIGHT WEIGHT FILLING MATERIAL TO BE 7.5 KN/m3.
 12. ONUS OF CONSTRUCTION LIES WITH CONTRACTOR/PROMOTOR/BUILDER/OWNER

13. DESIGN HAS BEEN EVOLVED BY CONSIDERING AAC BLOCK AS PANEL WALL. THIS HAS TO BE ENSURED DURING EXECUTION.

on behalf of cmpt, msb paid the structural drawings are reviewed & found generally in order. It is the responsibility of the site/structural Engineer's to ensure to scrutinize the details and implement it as per the detailed drawings and specification.

Superintending Engineer, P.W.D., Planning and Designs Circle, Chennai-5.
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PIILING & PILECAP LAYOUT PLAN

SCALE : 1:100

- NOTES**
- UNLESS OTHERWISE SPECIFIED
1. APPROVED WATER PROOFING SHALL BE APPLIED FOR BASEMENT RETAINING WALL, BASEMENT SLAB, UNDER GROUND WATER TANK WALL/STP AS PER THE APPROVED METHODOLOGY.

LEGEND

○	COLUMN MARK
●	BORED PILE
○	NO OF PILES
○	SIZE OF PILES
○	PILECAP TYPE
○	CUT OFF LEVEL OF PILE

THIS DRAWING TO BE READ IN CONJUNCTION WITH THE DWG. NO. BE1651_S-/PL/--/--/02 (LATEST REVISION)

TABLE 1

BORED PILE MARK / TYPE	SIZE	PILE LENGTH FROM PILE CUTOFF LVL (APPROX.)	WORKING COMPRESSION CAPACITY (TONS)	WORKING TENSION CAPACITY (TONS)	NOS. OF PILES	LONGITUDINAL REINFORCEMENT	LINKS		REMARKS
							S1	S2	
○ TYPE A	500Ø	REFER SECTION	110	40	79	6T16	T8-150	T8-250	
○ TYPE B	600Ø	REFER SECTION	155	47.5	18	7T16	T8-150	T8-250	
○ TYPE C	750Ø	REFER SECTION	220	60	10	8T20	T8-150	T8-250	

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CONSTRUCTION DRAWING STRUCTURAL

project title
PLAN SHOWING THE PROPOSED CONSTRUCTION OF HIGH RISE RESIDENTIAL BUILDING WITH 30.0M HEIGHT CONSISTING OF EXTENDED BASEMENT FLOOR (PARKING) + STILT FLOOR (PARKING, METER ROOM, TRANSFORMER ROOM, DOUBLE HEIGHT LOBBY) + 1ST FLOOR TO 7 FLOORS + 8TH FLOOR AND 9TH FLOOR PART (DUPLEX UNIT) WITH 23 DWELLING UNITS RESIDENTIAL BUILDING AVAILING WITH PREMIUM FSI AT NEW DOOR NO.1, OLD DOOR NO.1A, CATHEDRAL GARDEN ROAD, NUNGAMBAKKAM, CHENNAI-600034 COMPRISED IN OLD S.NO.3404 PART, NEW R.S.NO.2/40 & 2/26, BLOCK NO.1 OF MYLAPORE VILLAGE, MYLAPORE TALUK WITH IN THE LIMIT OF GREATER CHENNAI CORPORATION. ZONE:IX DIVISION :113

drawing title
PIILING & PILECAP LAYOUT PLAN

scale	AS SHOWN	design by	TP
drawn by	CDR	checked by	AP
date	OCT 2023	approved by	-
drawing no.	BE1651_S-/PL/--/--/01	revision	-

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CAD FILE NAME: BE1651_S-PL-01.dwg