



TYPICAL HEIGHT OF BASEMENT
(Scale - 1:50)



- 1. CONSTRUCTION PARAMETERS:**
- * NOMINAL COVER TO THE NEAREST REINFORCEMENT (INCLUDING LINKS) WITH ONE HOUR FIRE RESISTANCE.
 - >ROOF BEAM - **25mm(1")**; --->PILE & PILE CAP - **50mm(1")**;
 - > COLUMN - **40mm(1.5")**; ---> SLAB - **20mm(3/4")**
 - * LAP LENGTH:
 - MINIMUM LENGTH - **41xd** (d: least diameter of two bars)
 - * DEVELOPMENT LENGTH:
 - MINIMUM LENGTH - **50xd** (d: diameter of bar) (from inner face of the support)
- 2. SPECIAL NOTES:**
- * THE BUILDING DESIGN AS A STILT + 4UPPER FLOORS (S+4F) WITH LOADING CONDITION OF 1.5(DL+SL) - SEISMIC LOAD CONDITION AS PER CODAL PROVISION.
- 3.GEO DATA:**
- * GEO TECH REPORT NO: MSGTPL/Sl-5539/22-23, DATE: AUG-2022
 - * DONE BY: M/S VRR ENGINEERING CONSULTANT, MANALI NEW DOWN, CHENNAI
 - * TYPE OF FOUNDATION: PILE FOUNDATION
 - * VERTICAL LOAD CAPACITY: 600mm DIA - 900kN + 10.0m DEPTH FROM E.G.L
- 4. DRAWING PARAMETERS:**
- * ALL DIMENSIONS ARE IN FEET & INCHES UNLESS OTHERWISE MENTIONED ON DRG.
 - * FIGURED DIMENSIONS SHALL BE FOLLOWED.
- 5. DESIGN PARAMETERS:**
- * GRADE OF CONCRETE - **M30** For Columns (Confirming to **IS 456-2000**)
 - * GRADE OF CONCRETE - **M25** For Footings, Roof Beams & Slabs (Confirming to **IS 456-2000**)
 - * GRADE OF STEEL - **Fy - 500** (Confirming to **IS 1786-1985**)

OWNER'S:	Mrs H B STELLA & Mr G BHARATHI		
DEVELOPER:	M/s QUINCE LIVERAS PROPERTIES LLP		
ARCHITECT:			
STRUCTURAL:	P. PACKIARAJ B.C.E. & I.(Civil), M.E.(Structural), CE(India) GRADE-I Reg. No:SE/GR-I/2020/09/279 - CMDA GRADE-I Reg. No:RSEI01242020 - Chennai Corporation REGISTERED: AM3303883, IET, CHARTERED ENGINEER REGISTERED: TN/MDS/P/383/PAT, BAI MEMBERSHIP: CHENNAI CIVIL ENGINEER ASSOCIATION MEMBERSHIP: CHENNAI LICENCED SURVEYOR ASSOCIATION MEMBERSHIP: THE INSTITUTION OF ENGINEER'S (INDIA) MEMBERSHIP: BUILDERS ASSOCIATION OF INDIA		
PROJECT:	RESIDENTIAL APARTMENT BUILDING (S+4F) at Bhuvaneshwarari Nagar, Velachery, Chennai		DATE: 20.07.23
TITLE:	COLUMN LAYOUT WITH DETAILS AT STILT FLOOR LEVEL		SCALE: 1:100
DRG.No.:	PPR-STR / 642-01	REV.: 0	SH.No.: A3
DESIGN: P.PACKIARAJ B.C.E, B.E(Civil), M.E(Structural)		No: 28, First Kattabomman st, Taramani, Chennai - 600 113. Contact: +9199625 29802.	



The diagram illustrates a cross-section of a basement structure. Key components and dimensions include:

- COLUMN:** A vertical structural member on the left side.
- FLOOR P.C.C 1:4:8:** A layer of concrete above the ground level.
- G.F.F.L:** Ground Floor Finished Level, indicated by a dashed line.
- 750:** A vertical dimension line indicating the height from the G.F.F.L to the top of the column.
- HILL EARTH FILLING WITH HAND COMPACTION:** The area of earth above the ground level.
- E.G.L. / ROAD LVL:** Existing Ground Level / Road Level, indicated by a horizontal line.
- PLINTH BEAM (PB):** A horizontal structural member below the ground level.
- PILE:** A vertical structural member extending deep into the ground.
- 200:** A vertical dimension line indicating the height from the E.G.L. / ROAD LVL to the top of the plinth beam.
- TYPICAL HEIGHT OF BASEMENT:** The overall height of the basement structure, indicated by a large dimension line.
- (Scale - 1:50):** The scale of the drawing.



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| DEVELOPER: | M/s QUINCE LIVERAS PROPERTIES LLP | | |
| ARCHITECT: | | | |
| STRUCTURAL: | P.PACKIARAJ
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GRADE-I Reg. No:SE-/R-1/2020/09/279 - OMDA
GRADE-II Reg. No:RSE101242020 - Chennai Corporation
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0 | SH.No.:
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