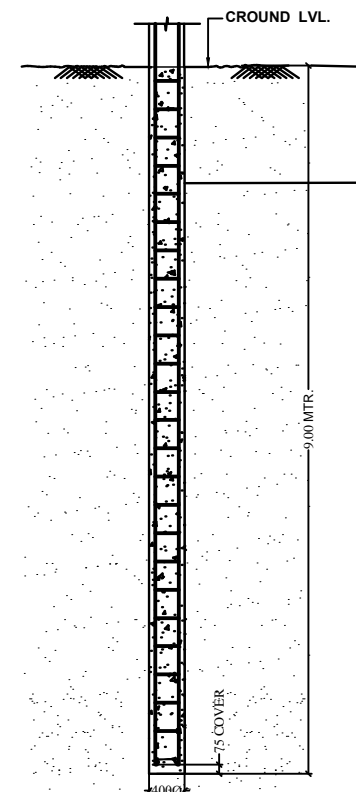
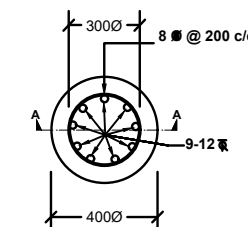


GENERAL NOTES FOR CONSTRUCTION OF PILES:

1. ALL DIMENSIONS ARE IN MM UNLESS STATED OTHERWISE. DIMENSIONS ARE NOT TO BE SCALED AND WORK TO THE STATED DIMENSIONS ONLY.
 2. AGGREGATE SIZE FOR PILES SHALL BE 25 MM DOWN GRADED
 3. CLEAR COVER IN PILE SHALL BE 50mm (ROLLER TYPE COVER BLOCK TO BE USED).
 4. LAP STRENGTH OF 50 TIMES BAR DIA SHALL BE PROVIDED AS PER SITE REQUIREMENT AND TACK WELDED
 5. NOT MORE THAN HALF OF TOTAL NOS OF BARS SHALL BE LAPPED AT ANY SECTION.
 6. BENTONITE SLURRY SHOULD BE USED IF THE BORE HOLES ARE UNSTABLE HAVING TENDENCY TO CAVE IN.
 7. THE CONSTRUCTIONAL DEVIATION IS LIMITED TO 50 mm. POSITIONAL ECCENTRICITY OF ANY PILE MORE THAN 50 mm SHALL NOT BE PERMITTED.
 8. ALL REINFORCEMENTS IN PILE SHAFTS OF GRADE Fe-500 HYSD / TMT BAR. TRANSVERSE REINFORCEMENT (8 mm DIA SPIRAL) SHALL BE WELDED TO THE MAIN REINFORCEMENT CONCRETE MIX IN PILE SHALL BE OF M-25 GRADE WITH MINIMUM CEMENT CONTENT OF 400 KG / CUM OF CONC. AND SLUMP OF CONCRETE BETWEEN 150 mm TO 180 mm.
 9. USE 10% EXTRA CEMENT TO CONCRETE UNDER WATER.
 10. TO GAIN EARLY STRENGTH, RAPID HARDENING CEMENT SHOULD BE USED IN PLACE OF ORDINARY PORTLAND CEMENT.
 11. CONTRACTOR SHALL NOTE THAT THE PILE CAPACITY, CUT OFF LEVEL AND TERMINATION LEVELS SHOWN IN THIS DRAWING ARE TENTATIVE AND INDICATIVE ONLY. THIS MAY VARY AS PER SITE CONDITIONS.
- * PILE CAPACITY
12. THE PILE CAPACITY IS TAKEN AS 126.2 KN/ PILE AT A DEPTH OF 9.0 MTR AS PER SOIL REPORT BY GEO TECHNICAL INVESTIGATION AGENCY.
 13. INITIAL PILE LOAD TEST TO BE CONDUCTED TO CONFIRM THE DESIGN SAFE LOAD ON PILE.



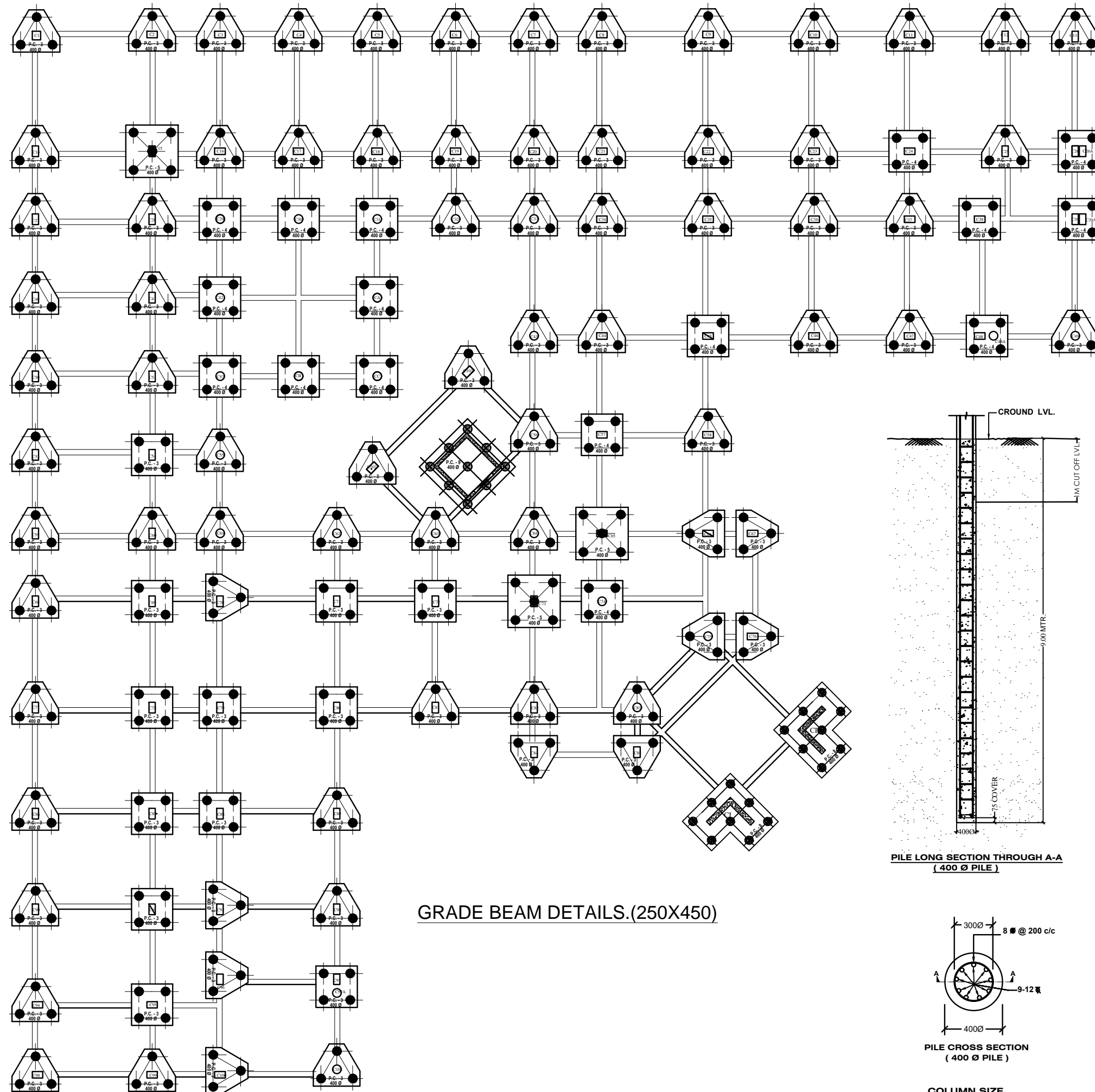
**PILE LONG SECTION THROUGH A-A
(400 Ø PILE)**



**PILE CROSS SECTION
(400 Ø PILE)**

COLUMN SIZE

GRADE BEAM DETAILS.(250X450)



● THE DRAWING AND DESIGN IS THE PROPERTY OF THE ARCHITECT ANY COPYRIGHT VIOLATION WILL RESULT IN PROSECUTION

NO.	DATE	REVISION	ENGR.
1	20-07-2018	ISSUED FOR EXECUTION	REV-00
		REVISION 1	

PROJECT: PROPOSED ADMINISTRATIVE BUILDING OF MAHAPURUSHA SRIMANTA SANKARADEVA VISWAVIDYALAYA AT ATUATIKA, RAIDONGIA, NAGAON, ASSAM.

CLIENT: MAHAPURUSHA SRIMANTA SANKARADEVA VISWAVIDYALAYA AT H. B. ROAD, KALONGPAR, NAGAON, PIN-782001:ASSAM:INDIA.

DRAWING NAME: **PILE, PILE CAPS, GRADE BEAMS**

JOB TITLE

ARCHITECT: INTEGRATED DESIGN FORUM ARCHITECT, HRIDAI KR. NATH COUNCIL OF ARCHITECTURE REGD. NO. CA/2013/24079 301, RAJDHANI APARTMENT, R.G.B. ROAD, GANESHGURI CHARALL, GUWAHATI-781006, ASSAM. PHONE: +91 70024 02930 (Office) email id: hridai.dhpi@gmail.com	STRUCTURAL ENGINEER: CIVILTECH SOLUTION Tiwari Building, House No. 4, Kacharibasti Near Dispur College, Ganeshguri 781006
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SCALE	DRG. NO.	DRAWN	CHECKED
NTS	IDF/AD/018	OLID HUSSAIN	AR. HRIDAI KR. NATH