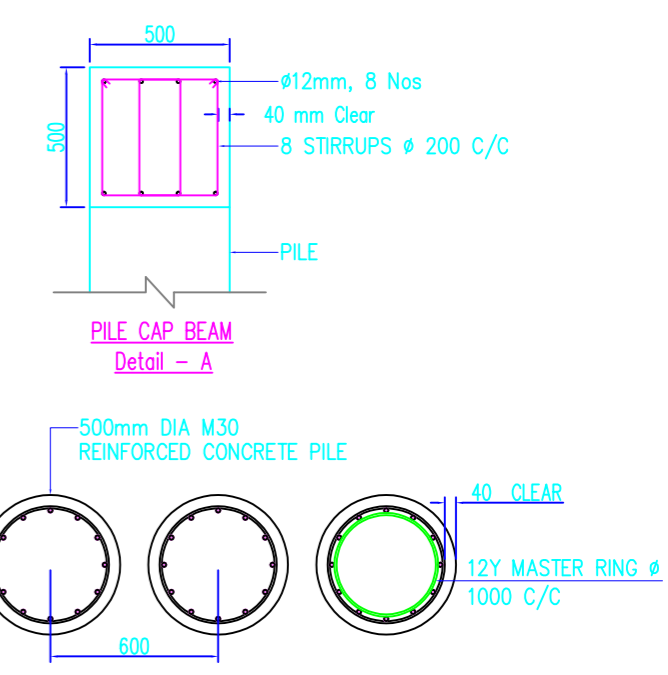


- GENERAL NOTES FOR RETAINING PILES :**
- 1) GRADE OF CONCRETE SHALL BE M30 WITH 10 MM DOWNGRADED AGGREGATES.
 - 2) MINIMUM CEMENT CONTENT SHALL NOT BE LESS THAN 320 KG/M3
 - 3) MAXIMUM WATER CEMENT CONTENT = 0.45.
 - 4) SLUMP OF PILE CONCRETE SHALL BE BETWEEN 150 MM TO 180 MM.
 - 5) CEMENT USED SHALL BE ORDINARY PORTLAND CEMENT.
 - 6) MINIMUM PILE LENGTH SHOULD BE AS SHOWN IN DRAWING.
 - 7) REINFORCEMENT SHALL BE HYSD STEEL OF GRADE 500D. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 40 MM (SIDE AND BOTTOM).
 - 8) MAIN REINFORCEMENT SHALL BE LEVELLED AT BOTTOM BY PLACING ADDITIONAL MASTER LINK AT BOTTOM. THIS IS PERMIT FREE FLOW OF TREMIE CONCRETE.
 - 9) SINCE PILE IS 9.50 M LONG, SPLICE WILL NOT BE REQUIRED. IF SPLICE TO BE PROVIDED THEN, IT SHOULD BE IN UPPER PART OF PILE FOR 50% OF BARS AT A SECTION.
 - 10) SPIRAL REINFORCEMENT SHALL BE OF 8 MM DIA AND PROVIDED WITH PITCH OF 150 MM.
 - 11) MASTER RINGS SHALL BE PROVIDED EVERY 1000 MM C/C AND SHALL BE OF 12 MM DIAMETER.
 - 12) PILE CUT OFF LEVEL SHALL BE AT LEAST 100 MM ABOVE BOTTOM OF PILE CAP. OVER FLOW OF CONCRETE SHALL BE DONE FOR AT LEAST 1 M LENGTH OF PILE ABOVE PILE CUT OFF LEVEL. ALIGNMENT AND VERTICALITY OF PILE SHALL BE CHECKED REPEATEDLY & MAINTAINED CAREFULLY.
 - 13) ECCENTRICITY (SHIFT) OF PILE IN ANY DIRECTION SHALL NOT EXCEED 75 MM
 - 14) SIDES OF PILE BORE SHALL BE SUPPORTED ADEQUATELY BY TEMPORARY CASINGS UP TO ROCK TOP LEVEL FROM EXISTING GROUND LEVEL. THIS SHALL BE ENSURED BY CONTRACTOR AND SUPERVISING AUTHORITY.
 - 15) DURING INSTALLATION OF PILES, IF ANY VARIATION IS FOUND IN SUB SOIL STRATIFICATION THEN, IT SHOULD BE INFORMED TO CONSULTANTS.
 - 16) TO CONNECT ALL PILES, CAPING BEAM SHALL BE PROVIDED AT EXISTING GROUND LEVEL.
 - 17) ALL DIMENSIONS ARE IN MM OTHERWISE MENTIONED IN THE DRAWING.
 - 18) GROUND WATER LIKELY TO SEEP THROUGH GAPS. IF COLOUR OF SEEPAGE WATER TURNS TURBID, SITE ENGINEER SHOULD INFORM CONSULTANTS IMMEDIATELY.
 - 19) TOP OF PILE CAP TO BE AS PER ARCH DWG & LEVELS PROVIDED
 - 20) INTEGRITY TEST TO BE PERFORMED ON 30 NOS.
- TYPE OF DRILLING RIG :- TRUCK / TRACTOR MOUNTED DRILLING RIG HAVING PROVISION OF MUD CIRCULATION THROUGH DRILLING ROD.



CLEAR COVER TO REINFORCEMENT- SHALL BE AS FOLLOWS

1. SHORE PILES	40mm.
2. CAPING BEAMS	BOTTOM = 40mm. TOP = 25mm.
3. LAP LENGTH (Ld) FOR H.Y.S. DEFORMED BAR(Fe-500 D) d = DIA OF BAR 46 d FOR M : 30,	

NOTE :- REINFORCING STEEL Fe 500 D
PILE REINFORCEMENT DETAILS

- GENERAL NOTES:-**
- 1) FOR COL. CENTRE LINES, REF. ARC. DRG.
 - 2) ALL PILES SHALL BE BORED CAST IN SITU PILES.
 - 3) GRADE OF CONCRETE SHALL BE M:30
 - 4) CLEAR COVER TO PILE REINFORCEMENT TO BE 40mm
 - 5) MINIMUM 15 MINUTES FLUSHING TO BE DONE TO CLEAN THE BOTTOM PRIOR TO LOWERING THE TREMIE.
 - 6) BORE SHALL BE MAINTAINED BY MUD CIRCULATION, IF REQD.
 - 7) GRADE OF CONCRETE FOR R.C.C. SHALL BE M30 WITH MINIMUM CEMENT CONTENTS 320 Kg/m3 AND MAXIMUM W/C RATIO 0.45 AS PER IS 456 : 2000.

DATE	NOS.	TO	NO.	DATE	DESCRIPTION	BY	CHD. BY
03/08/2022	5	A+C	R-0	03/08/2022	FOR APPROVAL	MAHADEV	NITIN
PRINT HISTORY				REVISIONS			

ARCHITECT	PROJECT	CLIENT
JYOTI ESTATE CO-HOUSING SOC. LTD.	MEGA CFC BLOCK GEM & JEWELLERY SECTOR	SEEPZ

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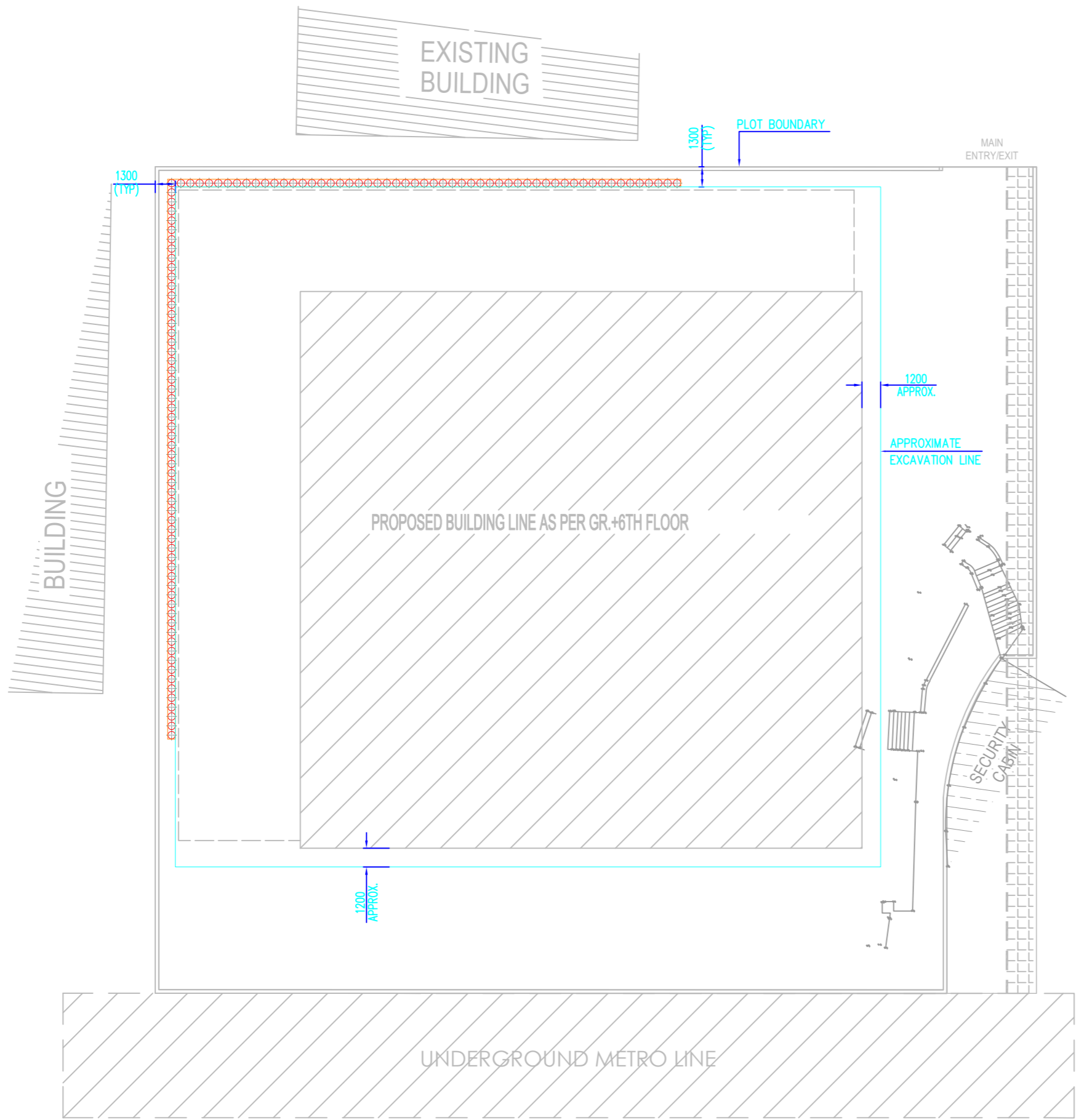
EPICONS CONSULTANTS PVT. LTD
EVOLUTION PLANNING INVESTIGATION CONCRETE AND STEEL
CONSULTING CIVIL AND STRUCTURAL ENGINEERS

DRG. TITLE:- **SHORE PILE REINFORCEMENT DETAILS**

DSG BY	DRN BY	CHD BY	APPD BY
RAMDEV	MAHADEV	NITIN	R.D.D

Scale: NORTH

Fe : 500 D	C. C. MIX M:30
JOB NO.	12128
ITEM:-	MEGA CFC BLOCK
SCALE:-	N.T.S
CAD FILE:-	12128/MISC-01
DRG. NO.	12128/MISC-01
REV.	R-0



APPROX EXCAVATION LAYOUT.
(SCALE :- 1:100)

FOR TENDER PURPOSE ONLY

- GENERAL NOTES:-**
1. ALL LVL. SHOULD BE AS PER ARCH. DWG.
 2. FOUNDATION TO BE RESTED ON THE STRATA APPROVED BY CONSULTING ENGINEERS/SITE INCHARGE.
 3. FOR CENTER LINE PLAN REFER ARCHITECTURAL DRAWING.

DATE	NOS.	TO	NO.	DATE	DESCRIPTION	BY	CHD. BY
04/08/2022	5	A+C	R-0	04/08/2022	FOR TENDER ONLY.	MAHADEV	NITIN
PRINT HISTORY				REVISIONS			

ARCHITECT	PROJECT	CLIENT
	MEGA CFC BLOCK GEM & JEWELLERY SECTOR	CCEPZ

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EPICONS CONSULTANTS PVT. LTD.
EVOLUTION PLANNING INVESTIGATION CONCRETE AND STEEL
CONSULTING CIVIL AND STRUCTURAL ENGINEERS

JYOTI ESTATE CO-HOUSING SOC. LTD.
UNIT NO. 401, 4TH FLOOR, NEXT TO JASLOK SWEET, SAHAR ROAD, ANDHERI EAST, MUMBAI-400 069
TEL:26826225,26826215
E-mail: dadarunit@epicons.com

DRG. TITLE:-	EXCAVATION LAYOUT		
DSG BY	DRN BY	CHD BY	APPD BY
RAMDEY	MAHADEV	NITIN	R.D.D

NORTH

JOB NO.	12128
ITEM:-	MEGA CFC BLOCK
SCALE:-	N.T.S
CAD FILE:-	12128/S/E
DRG. NO.	12128/S/E
REV.	R-0