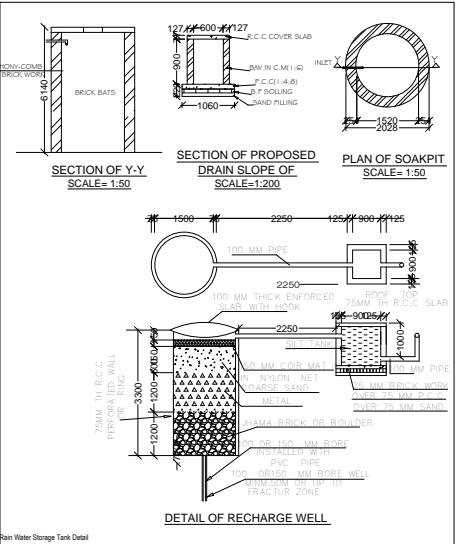
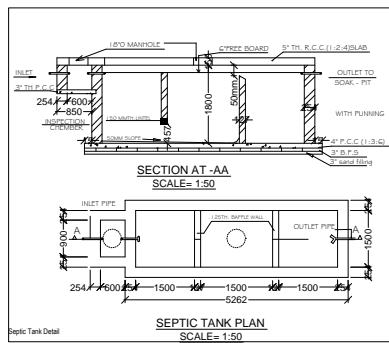
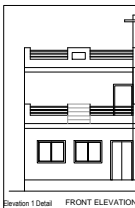
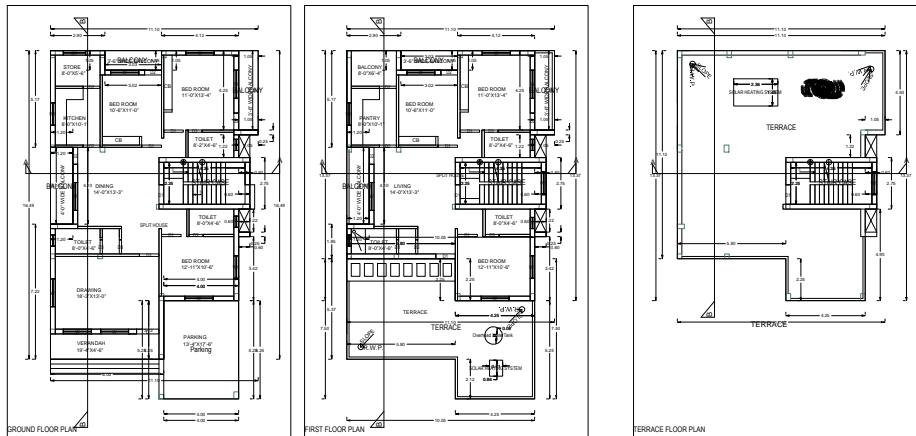
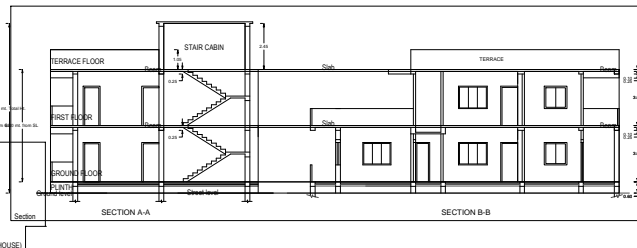
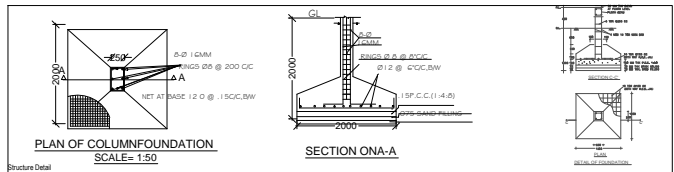


Project Title: HOUSE



THIS IS TO CERTIFY THAT THE STRUCTURAL DESIGN OF THIS BUILDING WILL BE AS PER IS -1893 & IS -4326 -1993 TO MAKE THE SAME EARTH QUAKE RESISTANT.



Building A (HOUSE)

Item	Total Built Up Area (Sq. m)	Buildable Area (Sq. m)	Proposed FSI	Total FSI Area (Sq. m)	Plot Area (Sq. m)
Ground Floor	127.32	127.32	1.00	127.32	127.32
First Floor	127.32	127.32	1.00	127.32	127.32
Terrace	127.32	127.32	1.00	127.32	127.32
Total	381.96	381.96	3.00	381.96	381.96

SCHEDULE OF JOINTS:

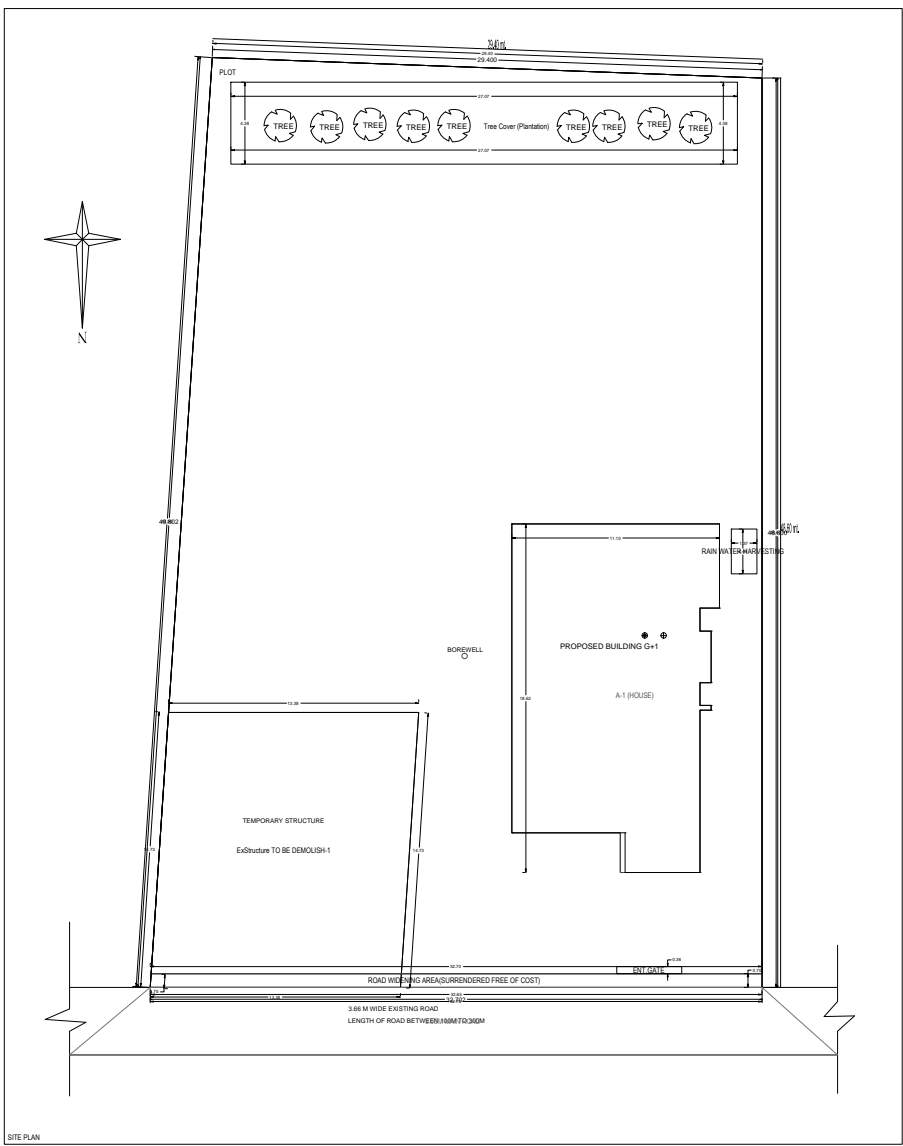
Joint No.	Location	Length (m)	Height (m)	Area (Sq. m)
1	Vertical	3.00	3.00	9.00
2	Horizontal	1.00	3.00	3.00
3	Horizontal	1.00	3.00	3.00
4	Horizontal	1.00	3.00	3.00
5	Horizontal	1.00	3.00	3.00
Total				21.00

Summary Calculations Table:

Item	Area (Sq. m)	Volume (Cu. m)	Weight (kN)
Slab	381.96	1145.88	28647.00
Beam	10.00	30.00	750.00
Column	1.00	3.00	75.00
Total	392.96	1178.88	29472.00

UMRUA Table for Building A (HOUSE)

Item	Volume (Cu. m)	Weight (kN)	Seismic Weight (kN)	No. of Stories	No. of Periods
Slab	1145.88	28647.00	28647.00	3	1
Beam	30.00	750.00	750.00	3	1
Column	3.00	75.00	75.00	3	1
Total	1178.88	29472.00	29472.00	3	1



PROJECT SUMMARY

Item	Description	Quantity	Unit	Value
Area	Plot Area	127.32	Sq. m	127.32
Area	Buildable Area	381.96	Sq. m	381.96
Volume	Slab Volume	1145.88	Cu. m	1145.88
Weight	Slab Weight	28647.00	kN	28647.00
Weight	Beam Weight	750.00	kN	750.00
Weight	Column Weight	75.00	kN	75.00
Total	Structural Weight	29472.00	kN	29472.00

Color Index

Color	Description
Blue	Water
Green	Vegetation
Yellow	Proposed Building
Red	Existing Building
Grey	Other

Parking Calculation

Item	Area (Sq. m)	Capacity
Plot Area	127.32	10
Proposed Building	381.96	30
Total	509.28	40