

SCHEDULE OF OPENINGS				
	WIDTH	HEIGHT	CELL RT ABOVE UNFINISHED FLR LVL	UNDERSIDE OF DECK OR CEILING
W1	1000	2100	1100	-
D	1000	2100	-	-
D 1	900	2100	-	-
D2	750	2100	-	-

floor (%use	Reference	Area M2
COMMERCIAL AREA		
Ground flr.	com. area	320.40
mezzanine flr.	shop mezz.	91.75
Total		420.15
RESIDENTIAL AREA		
ground flr.	staircase	40.42
mezzanine flr.	staircase	40.42
First flr.	residential	599.97
second flr.	residential	599.97
Third flr.	residential	430.37
Ramp		239.23
Total		1990.36

TOTAL COMMERCIAL AREA - 420.15 SQ.M
TOTAL RESIDENTIAL AREA - 1950.38 SQ.M

PROJECT: PROPOSED CONSTRUCTION OF COMMERCIAL CUM RESIDENTIAL BUILDING & COMPOUND WALL ON AMALGAMATED PLOTS BEARING PLOT NO. 1,2 & 3 OF SURVEY No. 63/1-G-5 AND PLOTS 1&2 OF SURVEY No.63/1-H-5 OF VILLAGE HARVALEM OF BICHOLIM - TALUKA ,FOR JAGDESH BUILDERS & REAL ESTATE DEVELOPERS

DWG NO. 01	DATE: 11/07/22
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NOTES:

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4. THIS DRAWING IS THE PROPERTY OF ARCHITECT ARCHANA ARJUN BHAT AND MAY NOT BE REPRODUCED IN ANY FORM WITHOUT PRIOR PERMISSION.

Industrial.

ARCHANA ARUN BHAT



ARCHANA ARUN BHAT
(Architect)
CA/2004/34827
Regd. No.: AR/0060/2011

Self

ARCHANA ARUN BHAT
(accused)
CA/2004/4827
Regd. No.: AP/9040/2021

Approved with Conditions
Vide: G.O. No. 2, H.S. 117
dated: 12.12.2023

ASSISTANT PROSECUTOR
GEN. INVESTIGATIVE
P.W.D. BANGALORE
22

N-1-AE-(V-8) (2) / Sub-1-1(B) / 20-22-23/37412-DP-27

Approved Subject to the Maintenance
of Adequate clearance from the
Electric Line and service Connections
as Stipulated in the I.C. Rte. 1956.
before and after the construction.

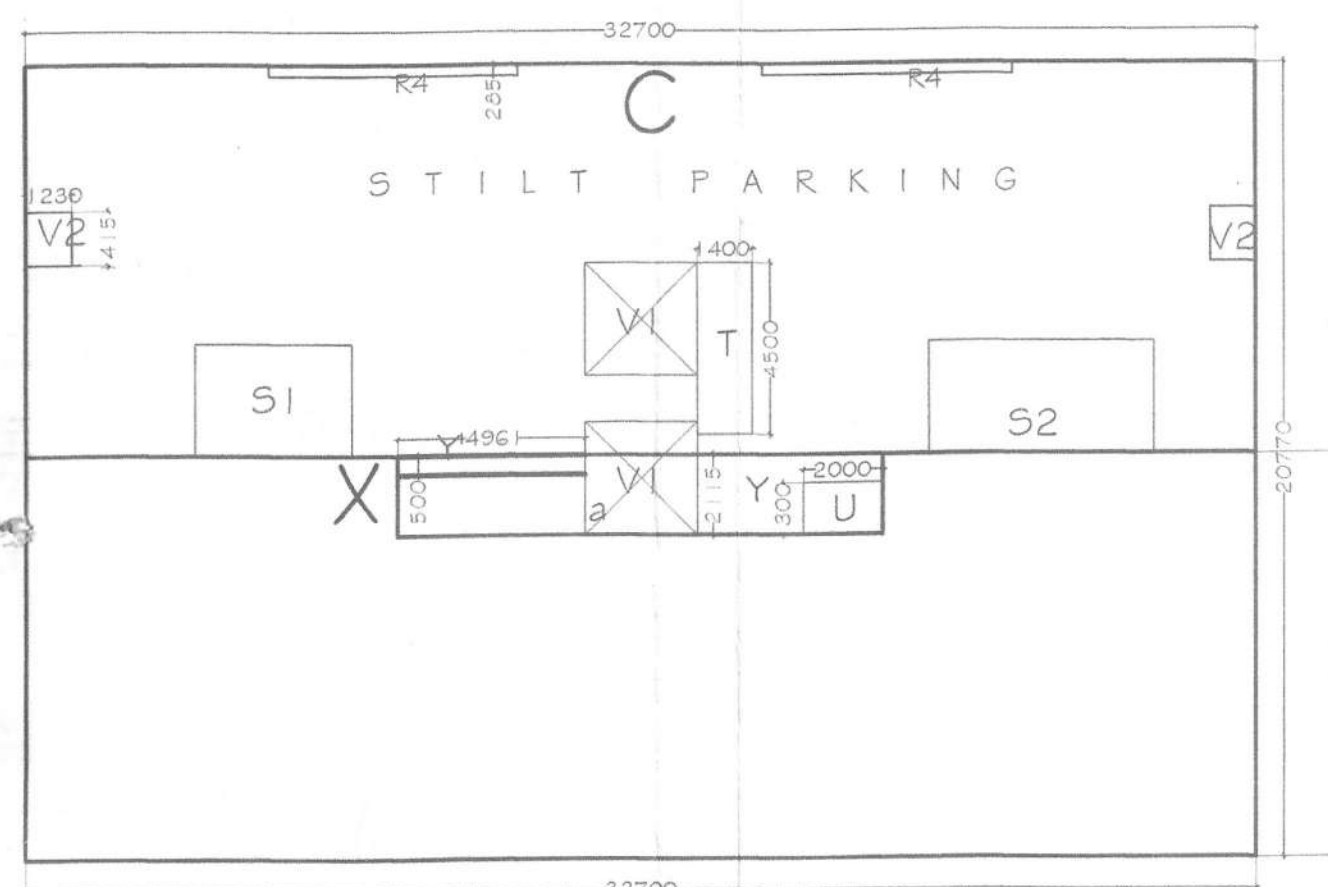
ASSISTANT ENGINEER
Elect. Sub. Div. II; (R); [O&M]
Electricity Department
Muzaffarpur, India

Approved under the condition
Imposed in the licence
No. 87/2012-14 Dtd. 11/07/2012
Municipal Engineer II Chief Officer
Sankhal Municipal Council



Approved with Condition
Vide let. P.40/671/22-23
dated 18/01/23
ASSISTANT ENGINEER
S.D.I. (Civil) W.D. XXIV (PHE)
P.W.D. BICHOLIM GOA

AREA DIAGRAM- GROUND FLOOR
SCALE 1:200



GROUND FLOOR FLOOR LAYOUT S C1:200

$$C = 32.7 \times 20.77 = 679.18$$

$$X = 32.7 \times 10.38 = 339.42$$

$$\begin{aligned} Y &= 4.96 \times 2.12 = 10.51 \\ Y &= 4.96 \times 0.50 = 2.48 \\ V1 &= 3.0 \times 3.0 = 9.0 \\ V1(PART a) &= 3.0 \times 2.11 = 6.33 \\ V2 &= 1.23 \times 1.42 = 1.75 \\ T &= 1.40 \times 4.50 = 6.30 \\ U &= 2.0 \times 1.0 = 2.00 \\ R4 &= 6.63 \times 0.285 = 1.89 \end{aligned}$$

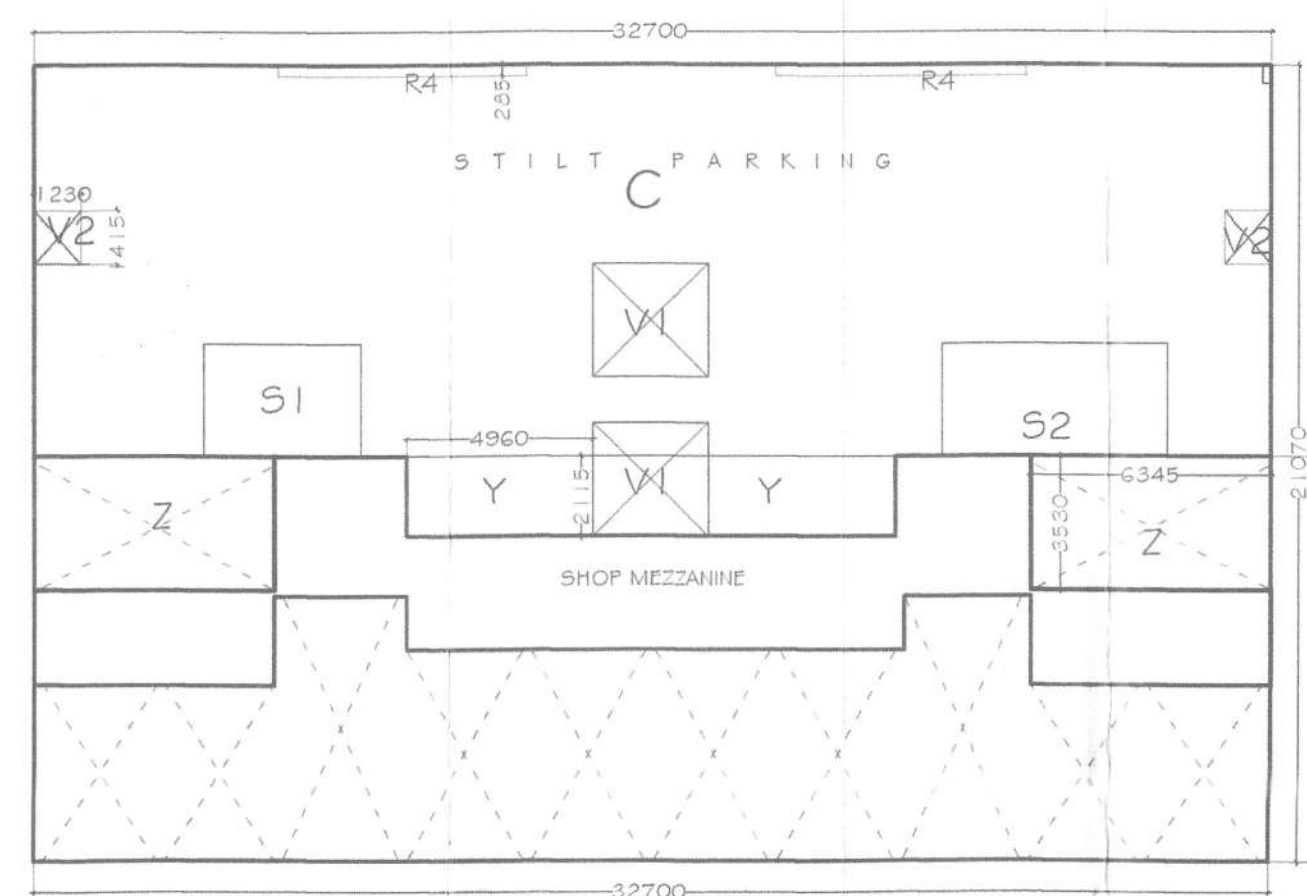
FLOOR AREA OCCUPIED BY
GROUND FLOOR

TOTAL AREA OCCUPIED BY SHOPS
 $X - [Y + Y + V1(PART)] + (T + U)$
 $339.42 - 19.32 + 8.3$
 $= 328.40 \text{ SQ.M}$

FOR F.A.R PURPOSE
 $X - [Y + Y + V1(PART)] + T + U$
 $339.42 - (19.32) + 8.30$
 328.40 SQ.M

FOR COVERAGE PURPOSE
 $C - [2(V1) + 2(R4)]$
 $679.18 - 21.78$
 $= 657.40 \text{ Sq.m} \dots \text{COVERED AREA}$

AREA DIAGRAM-UPPER GROUND FLOOR
SCALE 1:200



UPPER GROUND FLOOR LAYOUT S C1:100

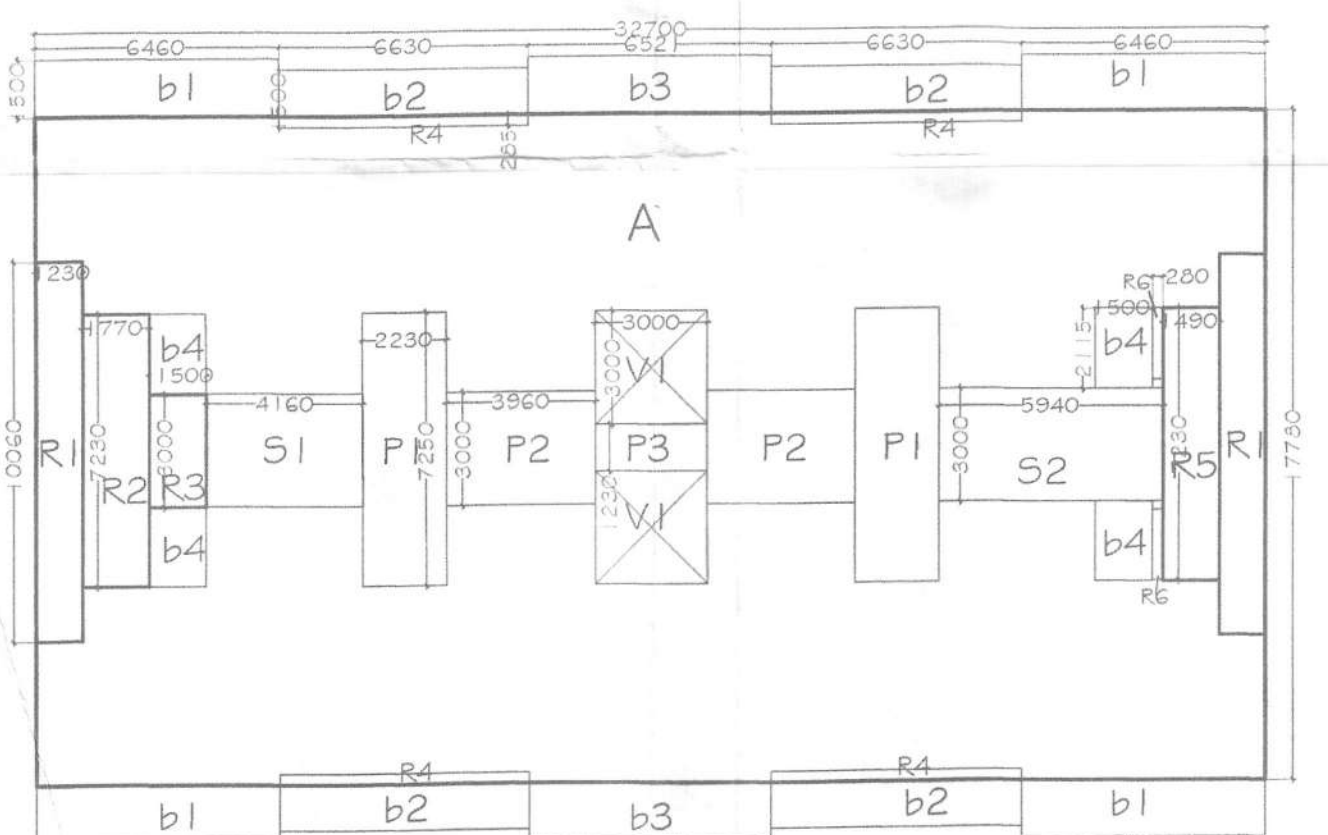
$$C = 32.7 \times 21.07 = 688.98$$

$$X = 32.7 \times 10.68 = 349.23$$

$$\begin{aligned} Y &= 4.96 \times 2.12 = 10.51 \\ V1(PART) &= 3.0 \times 2.11 = 6.33 \\ V2 &= 1.23 \times 1.42 = 1.75 \end{aligned}$$

SHOP MEZZANINE (FREE OF F.A.R)
 $\frac{1}{3} \times [\text{AREA OCCUPIED BY SHOPS} - 2(Z)]$
 $\frac{1}{3} \times [320.01 - 2(22.38)]$
 $\frac{1}{3} \times [320.01 - 44.76]$
 $\frac{1}{3} \times (275.25)$
 91.75 SQ.M

AREA DIAGRAM- TYPICAL FLOOR (FIRST/SECOND)
SCALE 1:200



TYPICAL FLOOR LAYOUT (FIRST/SECOND) S C1:100

$$A = 32.7 \times 17.78 = 581.40$$

$$\begin{aligned} R1 &= 1.23 \times 10.06 = 12.37 \\ R2 &= 1.77 \times 7.23 = 12.80 \\ R3 &= 1.5 \times 3.0 = 4.5 \\ R4 &= 6.63 \times 0.285 = 1.89 \\ R5 &= 1.49 \times 7.23 = 10.77 \\ R6 &= 0.28 \times 2.11 = 0.59 \end{aligned}$$

$$\begin{aligned} S1 &= 4.16 \times 8.0 = 12.48 \\ S2 &= 5.94 \times 3.0 = 17.82 \end{aligned}$$

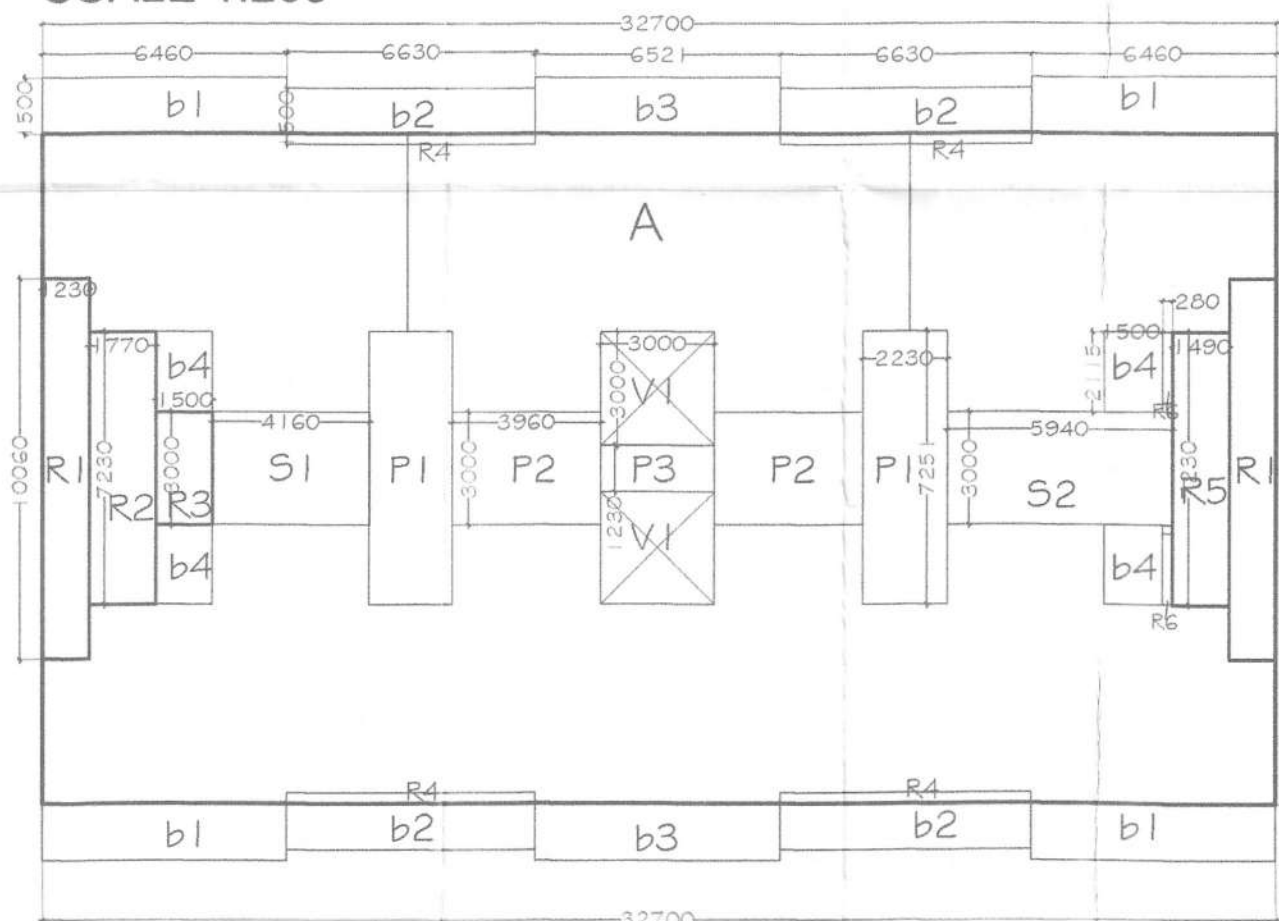
$$V1 = 3.0 \times 3.0 = 9.0$$

$$\begin{aligned} P1 &= 2.23 \times 7.25 = 16.17 \\ P2 &= 3.96 \times 3.0 = 11.88 \\ P3 &= 3.0 \times 1.23 = 3.69 \end{aligned}$$

$$\begin{aligned} b1 &= 6.46 \times 1.5 = 9.69 \\ b2 &= 6.63 \times 1.5 = 9.95 \\ b3 &= 6.52 \times 1.5 = 9.78 \\ b4 &= 1.5 \times 2.11 = 3.17 \end{aligned}$$

FOR F.A.R PURPOSE
 $A - \{2(R1) + R2 + R3 + 4(R4) + R5 + R6$
 $+ S1 + S2 + 2(P1) + 2(P2) + P3 + 2(V1) + 4(b4)\}$
 $= 581.40 - 182.32$
 $= 399.08 \text{ Sq.m}$

AREA DIAGRAM- THIRD FLOOR
SCALE 1:200



THIRD FLOOR LAYOUT S C1:100

$$A = 32.7 \times 17.78 = 581.40$$

$$\begin{aligned} R1 &= 1.23 \times 10.06 = 12.37 \\ R2 &= 1.77 \times 7.23 = 12.80 \\ R3 &= 1.5 \times 3.0 = 4.5 \\ R4 &= 6.63 \times 0.285 = 1.89 \\ R5 &= 1.49 \times 7.23 = 10.77 \\ R6 &= 0.28 \times 2.11 = 0.59 \end{aligned}$$

$$\begin{aligned} S1 &= 4.16 \times 8.0 = 12.48 \\ S2 &= 5.94 \times 3.0 = 17.82 \end{aligned}$$

$$V1 = 3.0 \times 3.0 = 9.0$$

$$\begin{aligned} P1 &= 2.23 \times 7.25 = 16.17 \\ P2 &= 3.96 \times 3.0 = 11.88 \\ P3 &= 3.0 \times 1.23 = 3.69 \end{aligned}$$

$$\begin{aligned} b1 &= 6.46 \times 1.5 = 9.69 \\ b2 &= 6.63 \times 1.5 = 9.95 \\ b3 &= 6.52 \times 1.5 = 9.78 \\ b4 &= 1.5 \times 2.11 = 3.17 \end{aligned}$$

FOR F.A.R PURPOSE
 $\frac{1}{2} \times \text{TOTAL FLOOR AREA OCCUPIED BY TYPICAL FLOOR}$

$$= \frac{1}{2} \times 399.08 \text{ Sq.m}$$

$$= 199.54 \text{ Sq.m}$$

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SUBMISSION DRAWING

DWG NO. 03

DATE: 11/07/22

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OWNERS SIGN

ARCHITECT

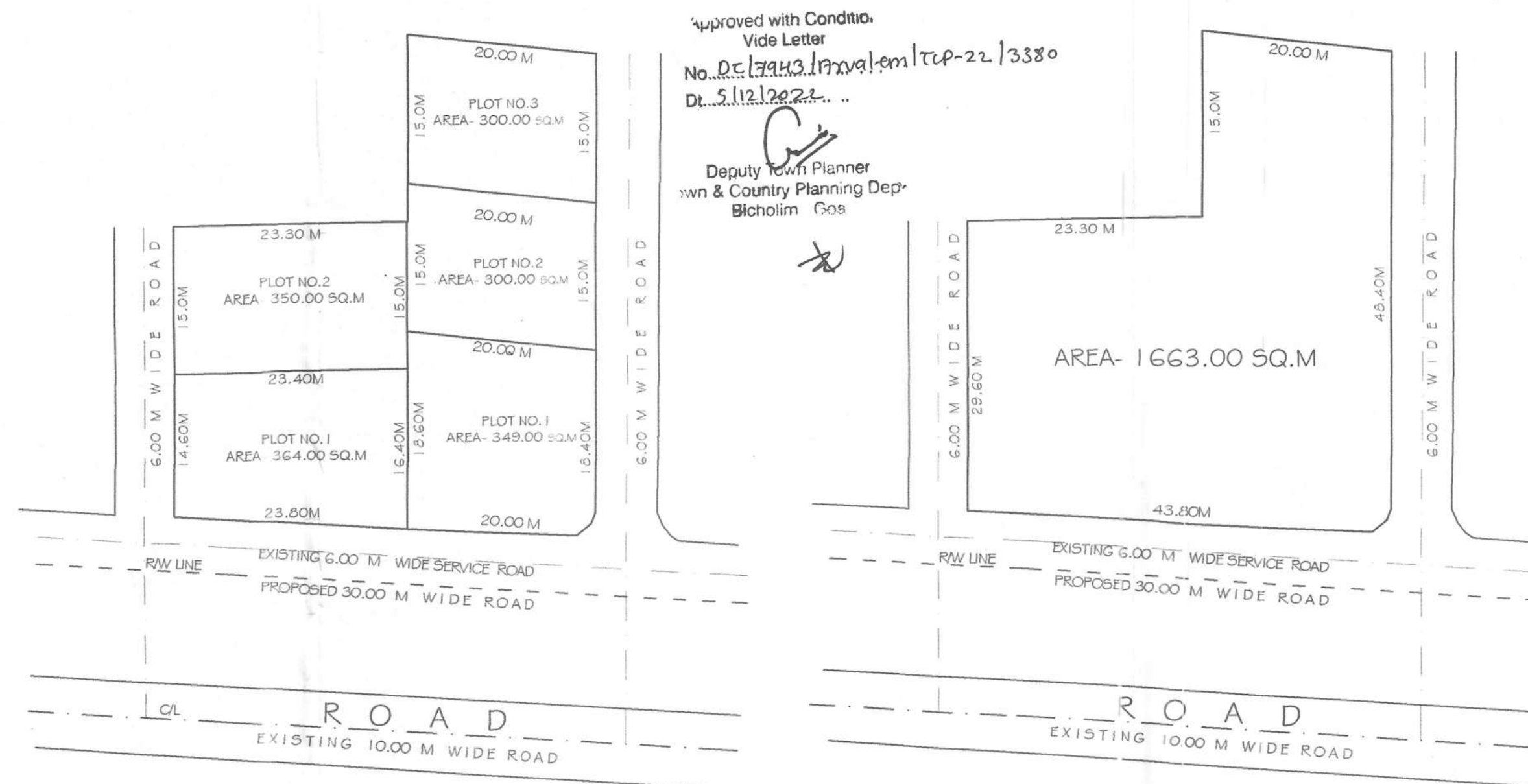
ARCHANA ARUN BHAT

ARCHANA ARUN BHAT
(Architect)
CA/2004/34827
Regd. No.: AR/0040/2011

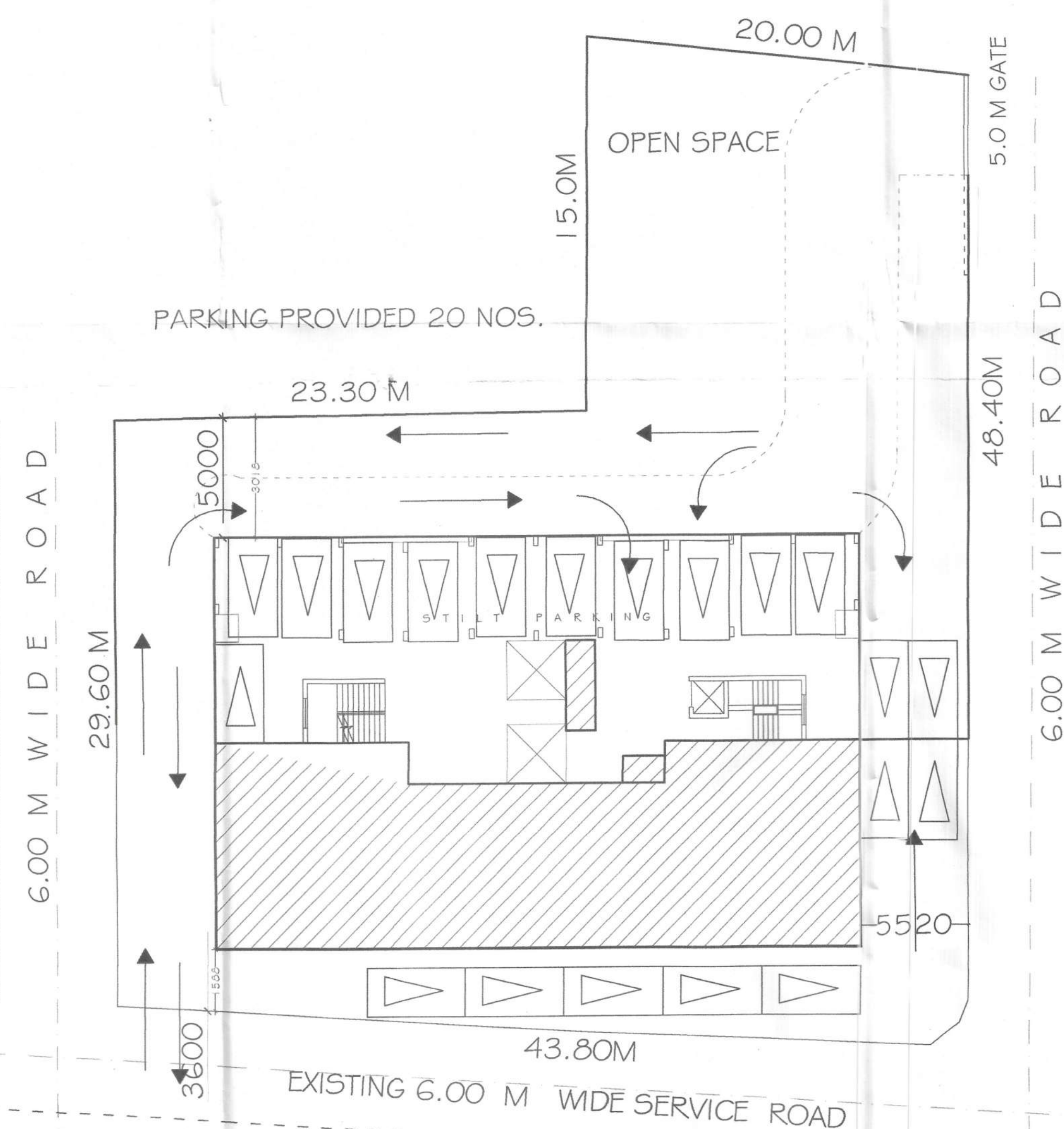
No. AE(V-I(R)) Tech-4(10) 2022-23 / 2462

Approved Subject to the Maintenance
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before and after the construction.

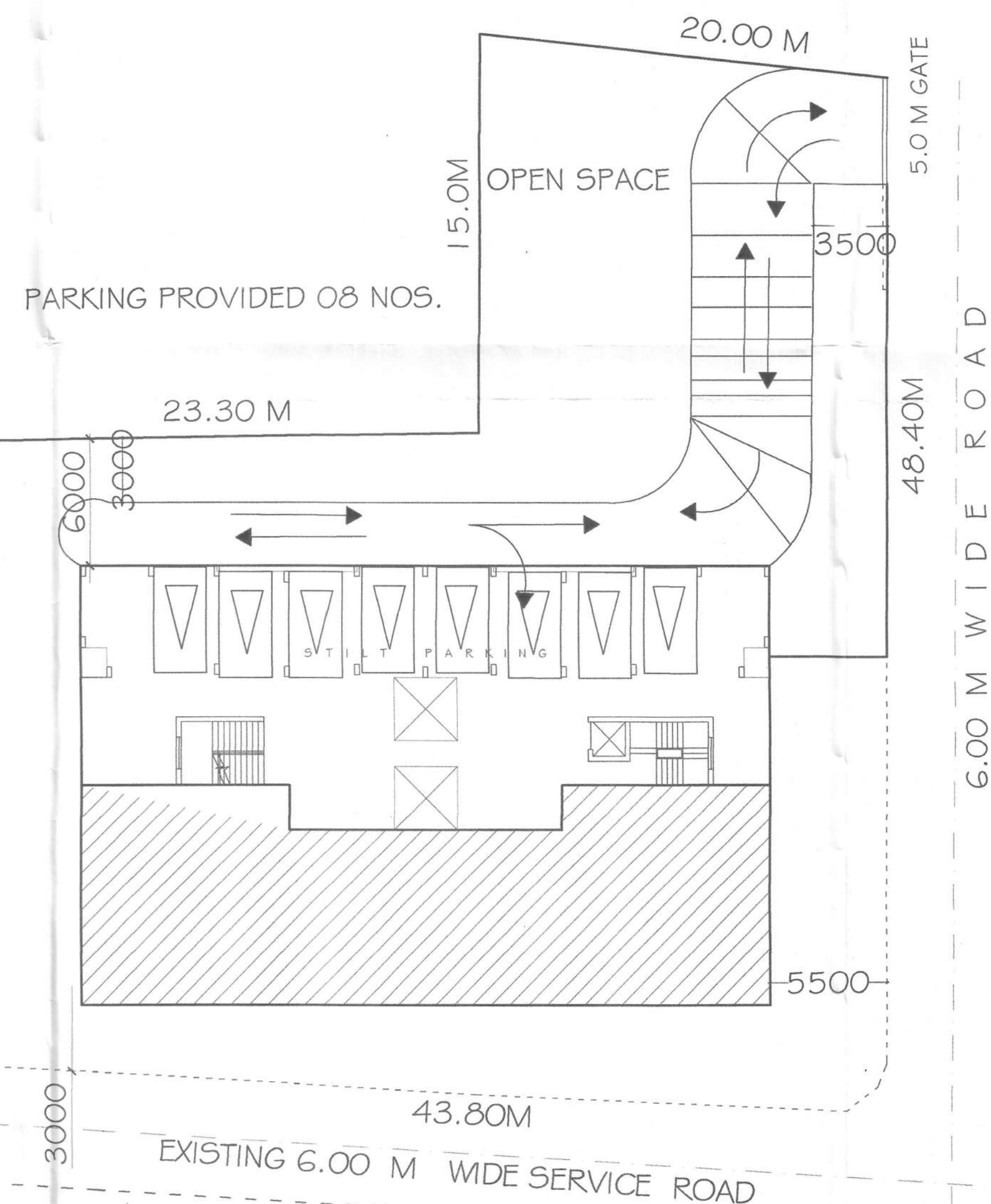
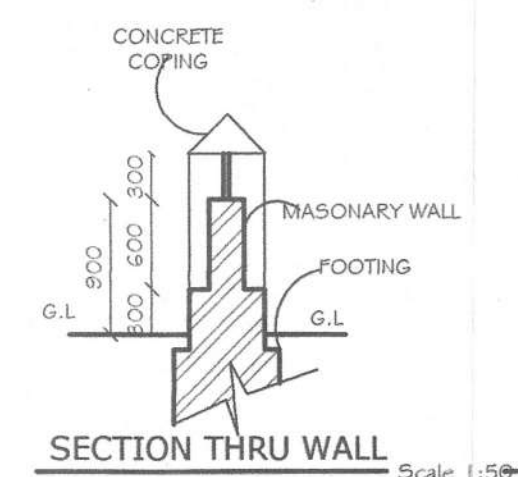
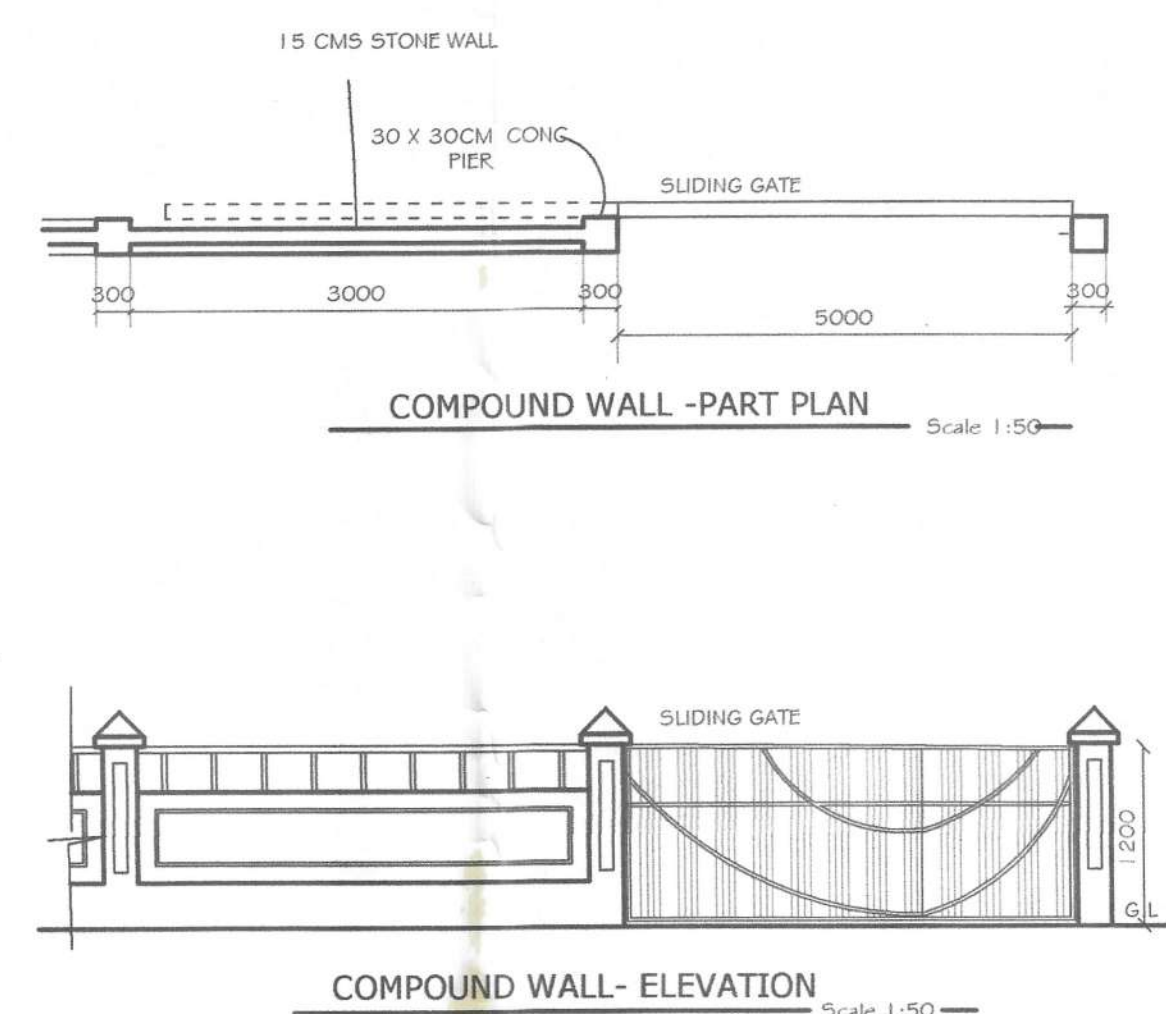
ASSISTANT ENGINEER
Elect. Sub. Div. II: (R), [O&M]
Electricity Department
Sanquelim - Goa



AMALGAMATION PLAN 5 CI:500



PARKING LAYOUT - GROUND FLOOR 5 CI:200



PARKING LAYOUT - UPPER GROUND FLOOR 5 CI:200

Approved with Condition
Vide letter No. F-40/621/23 dated 18.01.23
ASSISTANT ENGINEER
S.D.I. (Civil) W.D. XXIV (PHE)
P.W.D. BICHOLIM GOA

PROJECT: PROPOSED CONSTRUCTION OF COMMERCIAL CUM RESIDENTIAL BUILDING & COMPOUND WALL ON AMALGAMATED PLOTS BEARING PLOT NO. 1, 2 & 3 OF SURVEY No. 63/1-G-5 AND PLOTS 1&2 OF SURVEY No.63/1-H-5 OF VILLAGE HARVALEM OF BICHOLIM - TALUKA, FOR JAGDESH BUILDERS & REAL ESTATE DEVELOPERS

SUBMISSION DWG.

DWG NO. 02 DATE: 11/07/22

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Elect. & W.D. (R) (T&M)
Electricity Department
Sankhalim - Goa