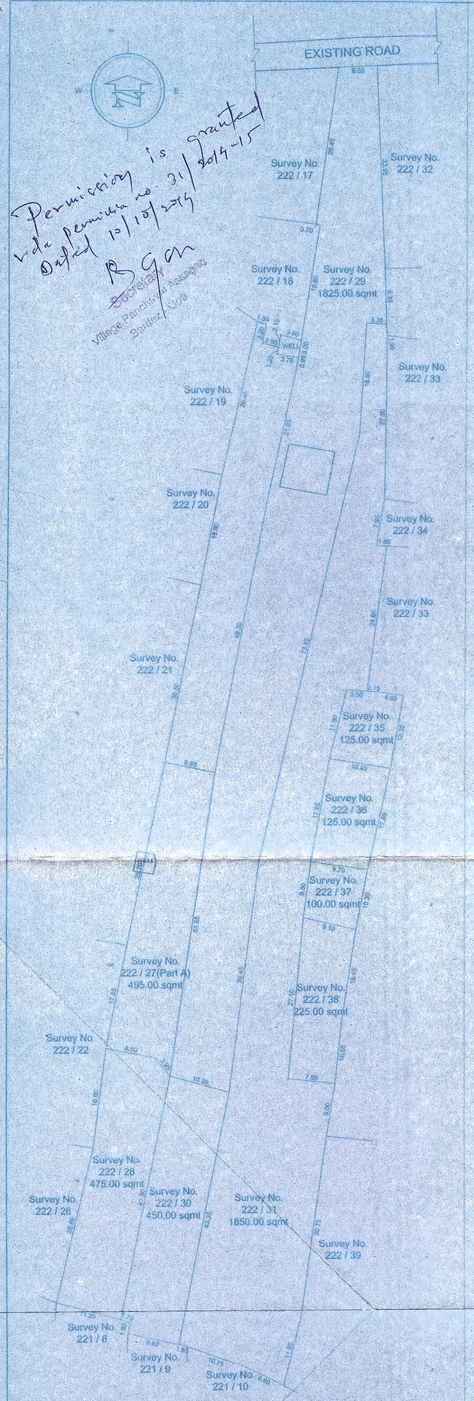


Permission is granted vide Permission no 31/8014-15 Dated 15/10/2014

B G Gn

Secretary
Village Panchayat Assagao
Bardez / Goa



18/9/14
CHO
HEALTH OFFICER
PRIMARY HEALTH CENTRE
SOLIM - GOA



Approved with condition vide L. No. TPB/2571/ASS/TOR-14/2872

Dy. Town Planner
Town & Country Planning Dept,
Govt. of Goa, Mapusa
dt 12/09/2014

PLOT BEFORE AMALGAMATION
SCALE 1 : 500

PLOT AFTER AMALGAMATION
SCALE 1 : 500

SITE PLAN
SCALE 1:500

AREA DETAILS FLOOR WISE

	FLOOR REFERENCE	USE	TOTAL B.U.A. (M²)	AREA FREE FROM FAR (M²) BALCONY/ TERRACE	STILT	STAIRCASE / LIFT / LOBBY	POOL	NET FLOOR AREA (M²)	FAR (%)
VILLA - A (1 NOS.)	GROUND FLOOR	RESIDENTIAL	(124.97 X 1) = 124.97	(5.60 X 1) = 5.60	(11.40 X 1) = 11.40	(6.06 X 1) = 8.06	——	(99.91 X 1) = 99.91	1.76
	FIRST FLOOR	RESIDENTIAL	(124.97 X 1) = 124.97	(25.87 X 1) = 25.87	——	(6.06 X 1) = 8.06	——	(91.04 X 1) = 91.04	1.60
VILLA - B (5 NOS.)	GROUND FLOOR	RESIDENTIAL	(118.78 X 5) = 593.90	(3.17 X 5) = 15.85	(11.40 X 5) = 57.00	(10.01 X 5) = 50.05	——	(84.20 X 5) = 471.00	8.31
	FIRST FLOOR	RESIDENTIAL	(118.78 X 5) = 593.90	(28.75 X 5) = 143.75	——	(10.01 X 5) = 50.05	——	(80.02X 5) = 400.10	7.06
VILLA - C (4 NOS.)	GROUND FLOOR	RESIDENTIAL	(118.78 X 4) = 475.12	(3.17 X 4) = 12.68	(11.40 X 4) = 45.60	(10.01 X 4) = 40.04	——	(84.20 X 4) = 376.80	6.64
	FIRST FLOOR	RESIDENTIAL	(118.78 X 4) = 475.12	(28.75 X 4) = 115.00	——	(10.01 X 4)= 40.04	——	(80.02X 4)= 320.08	5.64
VILLA - D (1 NO.)	GROUND FLOOR	RESIDENTIAL	(129.83 X 1) = 129.83	(3.17 X 1) = 3.17	(11.40 X 1) = 11.40	(10.01 X 1) = 10.01	——	(108.25 X 1) = 105.25	1.86
	FIRST FLOOR	RESIDENTIAL	(129.63 X 1) = 129.83	(32.05 X 1) = 32.05	——	(10.01 X 1) = 10.01	——	(87.77 X 1) = 87.77	1.55
VILLA - E (1 NO.)	GROUND FLOOR	RESIDENTIAL	(129.83 X 1) = 129.83	(3.17 X 1) = 3.17	(11.40 X 1) = 11.40	(10.01 X 1) = 10.01	——	(105.25 X 1) = 105.25	1.86
	FIRST FLOOR	RESIDENTIAL	(129.83 X 1) = 129.83	(32.05 X 1) = 32.05	——	(10.01 X 1) = 10.01	——	(87.77 X 1) = 87.77	1.55
SOCIETY OFFICE	GROUND FLOOR		25.09				——	25.09	0.44
POOL			80.49				80.49		
TOTAL			3012.88	389.19	136.80	236.34	80.49	2170.06	38.27 %

CALCULATION FOR SOLID WASTE MANAGEMENT

Category	Approx. Generation Max.	Quantity
Total Solid Waste from Residential complex (72 Population)	0.3 Kg / Person / day	About 22.0 Kg/day
Biodegradable Waste	60 % of Total Solid waste	About 13.20 Kg/day
Non Biodegradable Waste	40 % of Total Solid waste	About 8.80 Kg/day

	TOTAL REQUIREMENTS	PROVISION PROVIDED
SOLID WASTE VERMI COMPOSTING UNIT	72 X 300 Gms/Person = 21600 Gms = 22.0 Kg/day = 0.011 Cu.m. Volume (@ 2 Tonnes/ Cu.m.) = Total Volume = 0.015 X 3 X 10days = 0.33 Cu.m.	6.75 Cu.m. Volume

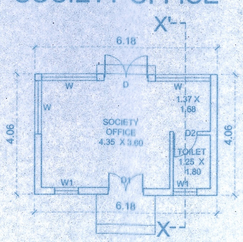
RAIN WATER HARVESTING TANK CAP.

6 PERSONS/ 3 BHK VILLA x 12 NOS = 72 PERSONS x 200 Ltr. /pac. = 14400 Litres
REQUIRED = 14400 Litres
PROVIDED = 60000 Litres

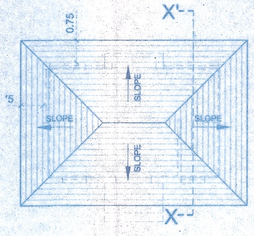
SOLAR WATER HEATER / SOLAR ENERGY CAPTURING SYSTEM CALCULATION

BUILDING	NO. OF PERSONS	HOT WATER REQUIREMENT	TOTAL REQUIREMENT	PROVISION PROVIDED
3 BHK VILLA	12 X 6 = 72 Nos.	72 Persons @ 10 Litres/ person = 720 Litres	720 Litres	1000 Litres

SOCIETY OFFICE



GROUND FLOOR PLAN
(SCALE-1:100)



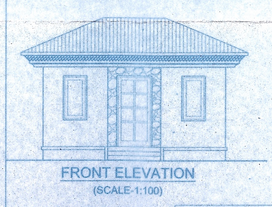
ROOF PLAN
(SCALE-1:100)

PARKING CALCULATIONS

	TYPE	NOS.	CAR PARK REQUIRED	CAR PARK PROVIDED
1. NO. OF VILLAS	A	01	12	12
	B	05		
	C	04		
	D	01		
	E	01		

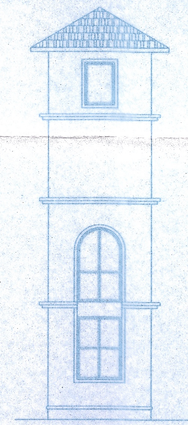
SCHEDULES OF DOOR & WINDOW

D	1.50 X 2.40	W	1.80 X 2.10
D1	1.20 X 2.40	W1	0.80 X 1.60
D2	0.80 X 2.20		



FRONT ELEVATION
(SCALE-1:100)

SECTION XX'
(SCALE-1:100)



SOCIETY OFFICE
AREA DIAGRAM



GROUND FLOOR PLAN
(SCALE-1:100)

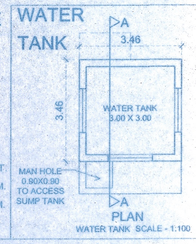
6.18 X 4.06 = 25.09 SQ.MT.

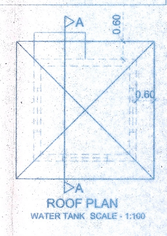
COVERED AREA: A = 25.09 SQ.M.

BUILT UP AREA: A = 25.09 SQ.M.

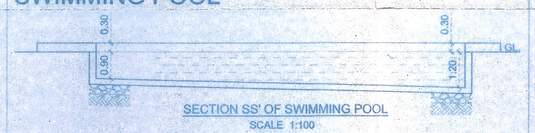
FLOOR AREA: A = 25.09 SQ.MT.

WATER TANK

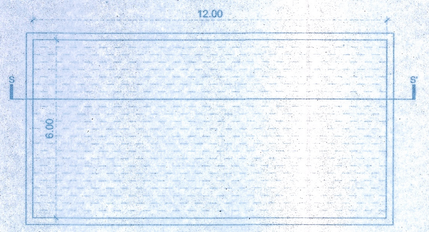




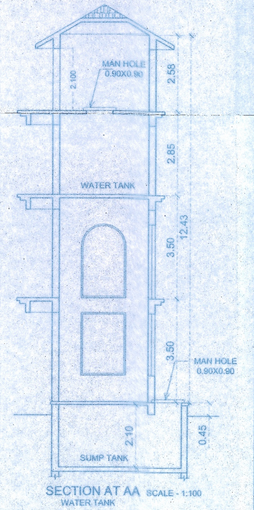
SWIMMING POOL



SECTION SS' OF SWIMMING POOL
SCALE 1:100



PLAN OF SWIMMING POOL
SCALE 1:100

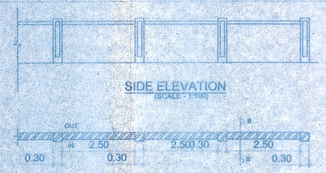


SECTION AT AA SCALE - 1:100
WATER TANK



ROAD SIDE ELEVATION
(SCALE - 1:100)

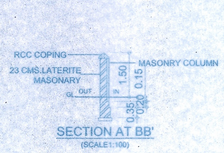
PLAN
(SCALE - 1:100)
RCC GOLUMN



SIDE ELEVATION
(SCALE - 1:100)

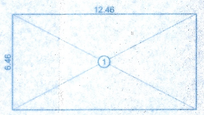
PLAN
(SCALE - 1:100)

COMPUND WALL DETAILS
(SCALE-1:100)



SECTION AT BB'
(SCALE1:100)

SWIMMING POOL
AREA DIAGRAM



SWIMMING POOL
(SCALE-1:200)

1. 12.46 X 6.46 = 80.49 SQ.MT.

BUILT UP AREA
1 = 80.49 SQMT

AREA STATEMENT

AREA OF THE PLOT	5670.00 SQMT
AREA IN ROAD WIDENING	17.50 SQMT
EFFECTIVE AREA OF PLOT	**5652.50 SQMT**
PERMISSIBLE COVERED AREA 40 %	2261.00 SQMT
PROPOSED COVERED AREA	**1478.74 SQMT**
PROPOSED COVERAGE	**26.16 %**

BUILT UP AREA

VILLA- A
GROUND FLOOR- (124.97 X 1) 124.97 SQMT
FIRST FLOOR - (124.97 X 1) 124.97 SQMT

VILLA - B
GROUND FLOOR - (118.78 X 5) 593.90 SQMT
FIRST FLOOR - (118.78 X 5) 593.90 SQMT

VILLA - C
GROUND FLOOR -(118.78 X 4) 475.12 SQMT
FIRST FLOOR - (118.78 X 4) 475.12 SQMT

VILLA - D
GROUND FLOOR -(129.83 X 1) 129.83 SQMT
FIRST FLOOR - (129.83 X 1) 129.83 SQMT

VILLA - E
GROUND FLOOR -(129.83 X 1) 129.83 SQMT
FIRST FLOOR - (129.83 X 1) 129.83 SQMT

SOCIETY OFFICE 25.09 SQMT

SWIMMING POOL 80.49 SQMT

TOTAL BUILT UP AREA	**3012.88 SQMT**
BUILT UP AREA FOR INFRASTRUCTURE TAX BUILT UP AREA	**3012.88 SQMT**

FLOOR AREA

VILLA- A
GROUND FLOOR- (99.91 X 1) 99.91 SQMT
FIRST FLOOR - (91.04 X 1) 91.04 SQMT

VILLA - B
GROUND FLOOR - (94.20 X 5) 471.00 SQMT
FIRST FLOOR - (80.02 X 5) 400.10 SQMT

VILLA - C
GROUND FLOOR -(94.20 X 4) 376.80 SQMT
FIRST FLOOR - (80.02 X 4) 320.08 SQMT

VILLA - D
GROUND FLOOR -(105.25 X 1) 105.25 SQMT
FIRST FLOOR - (87.77 X 1) 87.77 SQMT

VILLA - E
GROUND FLOOR -(105.25 X 1) 105.25 SQMT
FIRST FLOOR - (87.77 X 1) 87.77 SQMT

SOCIETY OFFICE 25.09 SQMT

TOTAL FLOOR AREA	**2170.06 SQMT**
PERMISSIBLE F.A.R 50 %	2835.00 SQMT
TOTAL F.A.R CONSUMED	**38.27 %**
OPEN SPACE REQUIRED @ 15 %	850.50 SQMT
OPEN SPACE 1 -	502.00 SQMT
OPEN SPACE 2 -	502.00 SQMT
OPEN SPACE PROVIDED	1004.00 SQMT
ADD @ 5 % OF OPEN SPACE 2 = 502.00 X 5%	= 25.10 SQMT
PROPOSED SOCIETY OFFICE (IN 5% OF OPEN SPACE)	= 25.09 SQMT

DRG. - 01 / 04

SCALE - 1:100 , 1:200 & 1:500

ARCHITECT

AR. SIDDHESH b. NAIK
201 – A, MATHIAS PLAZA
PANAJI – GOA 403 001
Reg. No : AR/0027/2010

OWNER

MR. ASHWIN R. KHALAP (P. O. A. HOLDER)

NOTE : ALL DIMENSION ARE IN CMS. & MTS.

PROPOSED RESIDENTIAL PROJECT ON AMALGAMATED PLOT BEARING SURVEY NO./SUB-DIVISION NO.222/27(PART A), 28, 29, 30, 31, 35, 36, 37 & 38 AT ASSAGAO VILLAGE OF BARDEZ TALUKA GOA.

M/S ULYSIS
ARCHITECTURAL, INTERIOR & LANDSCAPE CONSULTANTS
#.201 - A,SECOND FLOOR, MATHIAS PLAZA,
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e-mail : ulysis.goa@gmail.com