



STP-2 SIZE = $((8.813+9.437) \times 0.5) \times 3.50 \times 1.80$

SETTLING TANK
AREA - 32 SQM
DEPTH - 3.5 M
FB - 1 M

AERATION TANK
AREA - 40 SQM
DEPTH - 4 M
FB - 0.5 M

SETTLING TANK
AREA - 32 SQM

DEPTH - 3.5 M

FB - 1 M

AERATION TANK
AREA - 40 SQM
DEPTH - 4 M
FB - 0.5 M

RECEIVING SUMP
BELOW GROUND
AREA - 45 SQM
DEPTH - 2.5 M
FB - 2 M

UPFLOW ANAEROBIC TANK AREA - 42 SQM DEPTH - 3 M FB - 1.5 M

UPFEOW NAEROBIC TANK AREA - 42 SQM ODEPTH - 3 M FB - 1.5 M

AREA - 40 SQM DEPTH - 2.8 M FB - 1.7 M

OTREATED TANK

OAREA - 40 SQM

DEPTH - 2.8 M

FB - 1.7 M

PUMP ROOM ABOVE GROUND

ABOVE GROUND

AREA - 32 SQM

HEIGHT - 2.8 M

AREA - 14 SQM

RCC HEAVY DUTY MANHOLE COVER AND FRAME

INLET PIPE FOR RAIN WATER

GROUND LEVEL

SAND FILLING

SMALL STONES

BOULDERS

50 mm PVC WEEP HOLES WITH ALUMINUM MESH AT INLET

CEMENT CONC. 1:2:4

BORE WITH 160mm DIA

SLOTTED U.P.V.C PIPE

FILLING OF ROUNDED

SECTION A-A'

DETAILS OF R.W. TANK

PEA GRAVEL DULY WASHED 3mm TO 6mm SIZE

-INLET PIPE FOR S.W DRAIN

MAN HOLE—

GROUND LVL

RECEIVING SUMP BELOW GROUND AREA - 45 SQM DEPTH - 2.5 M

 $SIZE = ((2.403+8.772) \times 0.5) \times 35.735 \times 1.80$

CAP-3,59,405LITER

AREA - 36 SQM

FB - 0.5 M

FINAL TANK AREA - 36 SQM DEPTH - 4 M FB - 0.5 M

359405 LTRS

PROVIDED STP

TANK CAPACITY

57487 LTRS

TOTAL REQUIRED CAPACITY OF STP TANK

% FLOW TO SEVER

TOTAL REQUIRED CAPACITY OF STP TANK

COLD WATER REQUIREMENT

BUILDING NUMBER OF POPULATION POPULATION FLUSHING DOMESTIC

TOTAL PROVIDED STP TANK

TOTAL PROVIDED STP TANK

STP REQUIREMENT - EWS

ADDITIONAL TOILET REQUIREMENT

ADDITIONALSERVANT TOILET REQUIREMENT

FLUSHING

SERVANT

TOILET

100%

TOTAL

1.69

- TOTAL FLOW | FLOW TO

TOTAL PROVIDED STP TANK

((8.813+9.437) X 0.5) X 3.50 X

SERVICES PLAN Approved subject to the conditions mentioned in this office letter no.

CIDCO/NAINA/PANVEL/KEWALE/ BP-00414/ACC/2022/0241 dated 13th September 2022

NOTES:- 1) ALL DIMENSIONS ARE IN METERS. 2) EXTERNAL WALL THICKNESS 0.15 M. 3) INTERNAL WALL THICKNESS 0.10 M.

CONTENT OF SHEET

SERVICE LAYOUT PLAN, RG-1 PLAN, DIAGRAM & AREA CALCULATION

NAME OF THE OWNER & SIGNATURE

For ASHIANA LIFESTYLE ramarth PAPT'ER MR. SAMARTH MEHTA M/S. ASHIANA LIFESTYLE

NAME & SIGNATURE OF OWNER NAME & SIGNATURE OF ARCHITECT



DESCRIPTION OF PROPOSAL

U.G. WATER TANK

FOR EWS

CAP-65,070 LTRS.

J.G. WATER TANK OUT LET

FOR EWS 24.10 SQ.MTX 2

CAP-65,070 LTRS

U.G. WATER TANK

13.50X11.30X2.70

CAP-4,11,885 LTRS.

U.G.TANK PLAN

(SCALE: NTS)

SECTION-AT 'AA'

SCALE: NTS

FREE BOARD

U.G. WATER TANK

CAP-4,11,885 LTRS.

13.50X11.30X2.70

R.C.C. SLAB

PROPOSED BUILDING PERMISSION ON LAND BEARING ON

SURVEY NO.-75/1/A, AT VILLAGE-KEVALE, TALUKA-PANVEL, DIST.-RAIGAD



Studio #1209, The Landmark, Plot No. 26A, Sector - 7 Kharghar, Navi Mumbai - 410210 E: info@atulpatelarchitects.com
 DATE
 Drg. No.
 Scale
 Drawn By
 Checked By

 08.06.2022
 MD-01
 1:100
 RUPALI
 PRABHAKAR







