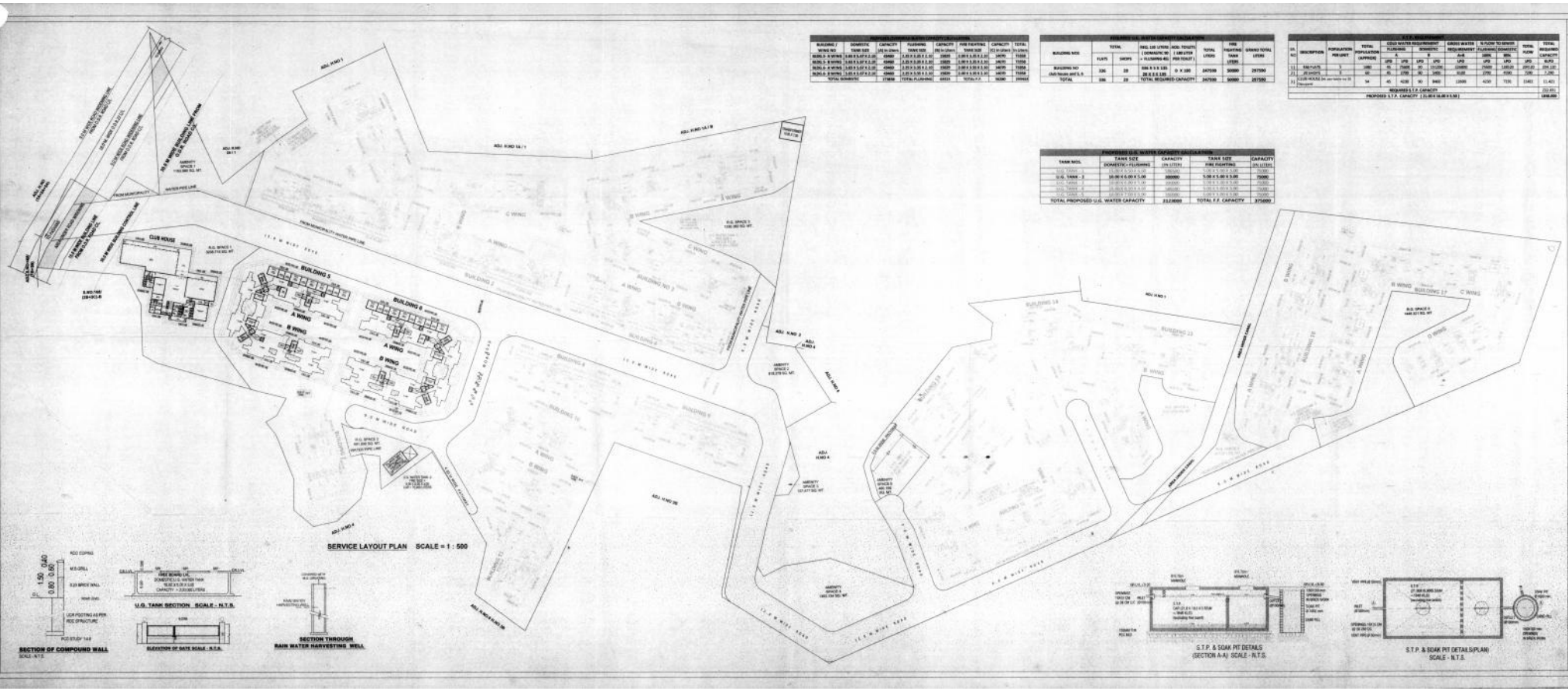

BUILDING / WING NO	DOMESTIC TANK SIZE	CAPACITY (A) in Liters	FLUSHING TANK SIZE	CAPACITY (B) in Liters	FIRE FIGHTING TANK SIZE	CAPACITY (C) in Liters	TOTAL In Liters
BLDG.5- A WING	5.00 X 5.07 X 2.10	53400	3.20 X 3.20 X 2.10	21600	3.00 X 3.20 X 2.10	14070	75000
BLDG.5- B WING	5.00 X 5.07 X 2.10	53400	3.20 X 3.20 X 2.10	21600	3.00 X 3.20 X 2.10	14070	75000
BLDG.6- A WING	5.00 X 5.07 X 2.10	53400	3.20 X 3.20 X 2.10	21600	3.00 X 3.20 X 2.10	14070	75000
BLDG.6- B WING	5.00 X 5.07 X 2.10	53400	3.20 X 3.20 X 2.10	21600	3.00 X 3.20 X 2.10	14070	75000
TOTAL DOMESTIC		213600	TOTAL FLUSHING	86400	TOTAL F.F.	56280	356280

REQUIRED U.G. WATER CAPACITY CALCULATION							
BUILDING NOS	TOTAL FLATS	TOTAL SHOPS	REQ. 150 LITERS / DOMESTIC 90 + FLUSHING 40	ADD. TOILETS / 100 LITER PER TOILET	TOTAL LITERS	FIRE FIGHTING TANK LITERS	GRAND TOTAL LITERS
BUILDING NO (Add Needs and S. 5	336	20	336 X 1.5 X 125 20 X 2.5 X 125	0 X 100	247500	50000	297500
TOTAL	336	20	TOTAL REQUIRED CAPACITY		247500	50000	297500

PROPOSED U.G. WATER CAPACITY CALCULATION				
TANK NOS.	TANK SIZE (DOMESTIC + FLUSHING)	CAPACITY (IN LITER)	TANK SIZE FIRE FIGHTING	CAPACITY (IN LITER)
U.G. TANK - 1	15.00 X 6.00 X 5.00	180000	5.00 X 5.00 X 3.00	75000
U.G. TANK - 2	15.00 X 6.00 X 5.00	180000	5.00 X 5.00 X 3.00	75000
U.G. TANK - 3	15.00 X 6.00 X 5.00	180000	5.00 X 5.00 X 3.00	75000
U.G. TANK - 4	15.00 X 6.00 X 5.00	180000	5.00 X 5.00 X 3.00	75000
U.G. TANK - 5	15.00 X 7.00 X 5.00	210000	5.00 X 5.00 X 3.00	75000
TOTAL PROPOSED U.G. WATER CAPACITY		2130000	TOTAL F.F. CAPACITY	375000

SR. NO.	DESCRIPTION	POPULATION PER UNIT	TOTAL POPULATION (APPROX)	COLD WATER REQUIREMENT FLUSHING		DOMESTIC		GROSS WATER REQUIREMENT	% FLOW TO SEWER FLUSHING	DOMESTIC	TOTAL FLOW	TOTAL REQUIRED CAPACITY
				A		B		A+B	100%	80%		
				LPD	LPC	LPD	LPC	LPD	LPD	LPD	LPD	KLPD
1.1	3BH FLATS	5	1680	45	75600	90	151200	226800	75600	120960	196560	226.80
2.1	2BH HOUSE	3	60	45	2700	90	5400	8100	2700	4320	7020	8.10
3.1	CLUB HOUSE (As per table no 35 Manual)		54	45	4230	90	8460	12690	4230	7176	11403	12.421
REQUIRED S.T.P. CAPACITY												232.931
PROPOSED S.T.P. CAPACITY (15.00 X 10.00 X 5.00)												250.000

STAMP OF APPROVAL

(52/89)

मे. ड. प्रकाश म. ब [illegible]
[illegible]
सहायक संचालक नगर रचना, पुणे

E 4 APR 2017

LEGEND	
WATER PIPE LINE	
DRAINAGE LINE	
R.W.H. LINE	
TLP BOUNDARY	
ROAD	
ROAD WIDENING	

NOTE :
1) ALL DIMENSIONS ARE IN METER.
2) EXTERNAL WALL THK. 150MM.
INTERNAL WALL THK. 115 MM & 100 MM.

SHEET CONTAINS :-

SERVICE LAYOUT PLAN, U.G. WATER TANK CAPACITY CALCULATION, SEPTIC TANK REQUIREMENT, SEPTIC TANK DETAILS, U.G. TANK DETAILS, COMPOUND WALL DETAILS, GATE ELEVATION, RAIN WATER HARVESTING DETAIL

DESCRIPTION OFF PROPOSAL AND PROPERTY

PROPOSED RESIDENTIAL BUILDINGS ON S.NO. 5 H.NO.(A+) S.NO. 5 H.NO.(B6), S.NO.5 H.NO.(B5), S.NO. 5 H.NO.(B4), S.NO.5 H.NO.(B3), S.NO.5 H.NO.(B2), S.NO.5 H.NO.(B1), S.NO.5 H.NO.(A), S.NO.5 H.NO.(C), S.NO.5 H.NO.(D), S.NO.5 H.NO.(E), S.NO.5 H.NO.(F), S.NO.5 H.NO.(G), S.NO.5 H.NO.(H), S.NO.5 H.NO.(I), AT VILLAGE - PASHAN, TAL.- HAVELI, DIST.-PUNE, MAHARASHTRA.

NAME, ADDRESS & SIGN. OF OWNER	NAME, ADDRESS & SIGN. OF ARCHITECT
M/S. VIVA REALTORS	AR. DIGNYAMALI PUNASKAR,
DRAWN BY: PAWANKUMAR	CHECKED BY: P CHITAMANI
SCALE: NORTH	DATE: 30.03.2017

NORTH

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