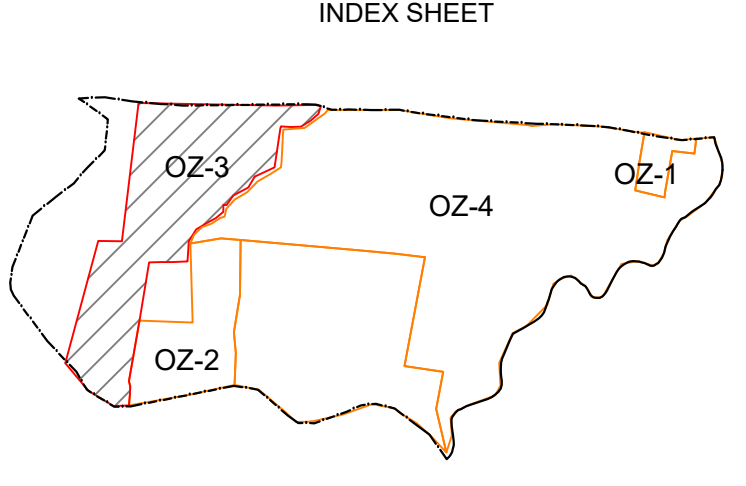
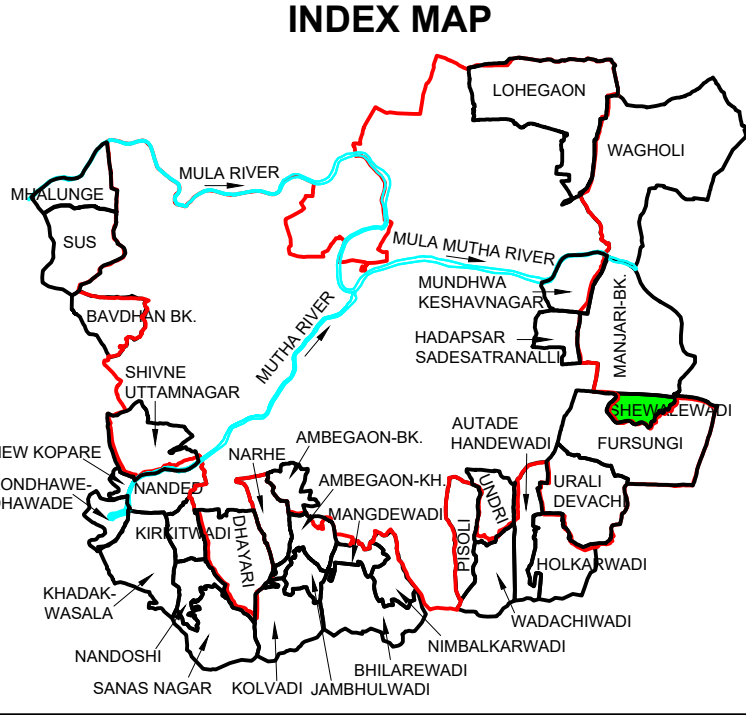


PROPOSED DISTRIBUTION NETWORK MAP OF ZONE-2/CLUSTER-2/
SHEWALEWADI/OZ-3 FOR WSS TALUKA- HAVELI, DISTRICT- PUNE

DRG NAME:
PROPOSED DISTRIBUTION NETWORK MAP
OF ZONE-2/CLUSTER-2/
SHEWALEWADI/OZ-3 FOR WSS TALUKA-
HAVELI, DISTRICT- PUNE

DWG.NO. SWD/DISTRI/OZ-3

NOTES:-
1. All distribution network pipelines, valves, elevations and measurements shown on the drawings are as per consultant's survey and are intended to be used for Design and estimation (DPR) purpose only.
2. It shall be the Contractor's responsibility to carry out working survey, verify and determine the alignment, grades and elevations for the approval of the Engineer before commencing any section of the works.
3. No change should be carried out without prior approval.
4. This Drawing is right and property of Pune Municipal Corporation is not be produced, copied, handed over to third party or used for any other purpose other than for which it is intended and remain our sole property.
5. All length summary are in meter(m) & pipe dia in Millimeter(mm).



PR OZ-3 AT
SHEWALEWADI
CAPACITY- 1.00 ML.
DEMAND-2.33 ML.
SURVEY NO- 17
GL- 564.55 m.
LSL- 584.55 m.
FSL- 589.55 m.
LAT-18°29'30.49"N
LONG-73°58'0.06"E

DMA WISE POPULATION						
Sr No.	DMA	Area (Ha)	% Area Covered	DMA Population	Population -2052	NET Demand-2052 (ML)
1	A	35.10	68.55%	7,990	11655	2.33
2	B	16.10	31.45%	3,665		
Total		51.20	100.00%	11,655		

PIPE LENGTH SUMMARY- DMA-A					
Sr No.	Diameter (mm)	Material	Existing Network Utilize Length (m)	Proposed Length (m)	Total Length (m)
1	110	HDPE PE 100 PN8	0	2,313	2,313
2	140	HDPE PE 100 PN8	0	553	553
3	160	HDPE PE 100 PN8	0	44	44
4	200	HDPE PE 100 PN8	0	586	586
5	200	DI-K7	0	200	200
6	250	DI-K7	0	157	157
Total			0	3,853	3,853

PIPE LENGTH SUMMARY- DMA-B					
Sr No.	Diameter (mm)	Material	Existing Network Utilize Length (m)	Proposed Length (m)	Total Length (m)
1	110	HDPE PE 100 PN8	0	2883	2883
2	140	HDPE PE 100 PN8	0	555	555
3	160	HDPE PE 100 PN8	0	295	295
4	200	HDPE PE 100 PN8	0	176	176
5	200	DI-K7	0	381	381
Total			0	4290	4290

PIPE LENGTH SUMMARY- OZ-3					
Sr No.	Diameter (mm)	Material	Existing Network Utilize Length (m)	Proposed Length (m)	Total Length (m)
1	110	HDPE PE 100 PN8	0	5196	5196
2	140	HDPE PE 100 PN8	0	1108	1108
3	160	HDPE PE 100 PN8	0	339	339
4	200	HDPE PE 100 PN8	0	763	763
5	200	DI-K7	0	580	580
6	250	DI-K7	0	157	157
Grand Total			0	8143	8143

Proposed New Lines				
Sr No.	Diameter (mm)	Material	DMA-A	DMA-B
1	110	HDPE PE 100 PN8	2,313	2,883
2	140	HDPE PE 100 PN8	553	555
3	160	HDPE PE 100 PN8	44	295
4	200	HDPE PE 100 PN8	586	176
5	200	DI-K7	200	381
6	250	DI-K7	157	0
7	300	DI-K7	0	0
Total			3,853	4,290

SV Summary			
Sr No.	Pipe Dia (mm)	Valve Dia (mm)	Count
1	96.2	100	11
2	122.5	150	10
3	139.9	150	4
4	175.1	200	1
5	200	200	2
6	250	250	1
Grand Total			29

LEGEND			
SR NO.	CODE	DESCRIPTION	SR NO. CODE DESCRIPTION
1	EXISTING ROAD	15	160mm DIA
2	CD WORK	16	200mm DIA
3	NALA	17	250mm DIA
4	RIVER	18	300mm DIA
5	WATER BODY	19	350mm DIA
6	VILLAGE BOUNDARY	20	400mm DIA
7	OZ BOUNDARY	21	450mm DIA
8	DMA BOUNDARY	22	500mm DIA
9	PR.ESR	23	P-155/110 40/HOPE PIPE LABEL/DIA LENGTH/MATERIAL
10	MAJOR CONTOUR	24	SLUICE VALVE
11	MINOR CONTOUR	25	PRV VALVE
12	100mm DIA	26	FLOW METER
13	110mm DIA	27	CANAL
14	140mm DIA		

FOR APPROVAL ONLY		
JE	DE	EE
SE	CE	

REV	DESCRIPTION	DESIGN BY	APP BY	DATE
-	-	-	-	-
R0		S.S.K.	R.D.K.	15-01-2025

PUNE MUNICIPAL CORPORATION

IMPLEMENTATION OF EQUITABLE WATER SUPPLY SYSTEM IN NEWLY MERGED 34 VILLAGES IN PUNE MUNICIPAL CORPORATION LIMIT

PROJECT CODE : 34 VILLAGE/WSS
DRAWING NO : SW/DISTRI/OZ-3
DATE : JAN-2025
DRAWN BY : M.B.B.
CHECKED BY : R.D.K.
SCALE : 1:1500

PRIMOVE

PRIMOVE INFRASTRUCTURE DEVELOPMENT CONSULTANTS PVT.LTD.
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