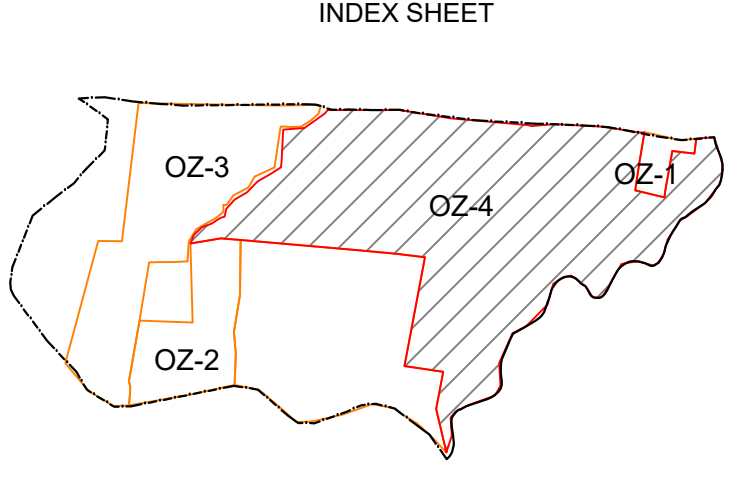
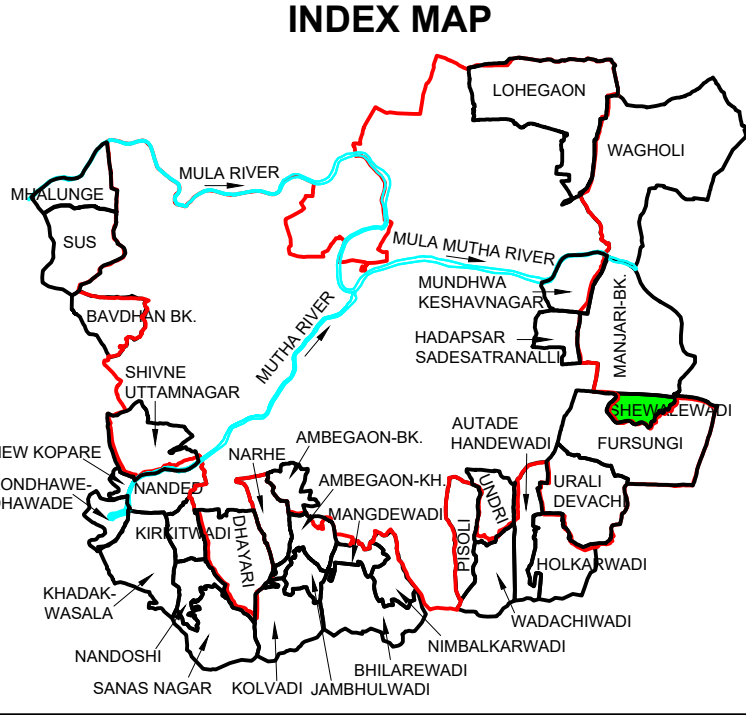


PROPOSED DISTRIBUTION NETWORK MAP OF ZONE-2/CLUSTER-2/
SHEWALEWADI/OZ-4 FOR WSS TALUKA- HAVELI, DISTRICT- PUNE

DRG NAME:
PROPOSED DISTRIBUTION NETWORK MAP
OF ZONE-2/CLUSTER-2/
SHEWALEWADI/OZ-4 FOR WSS TALUKA-
HAVELI, DISTRICT- PUNE

DWG.NO. SWD/DISTRI/OZ-4

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).



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	OZ BOUNDARY	22	500mm DIA		
9	PR.ESR	23	P-156/160 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

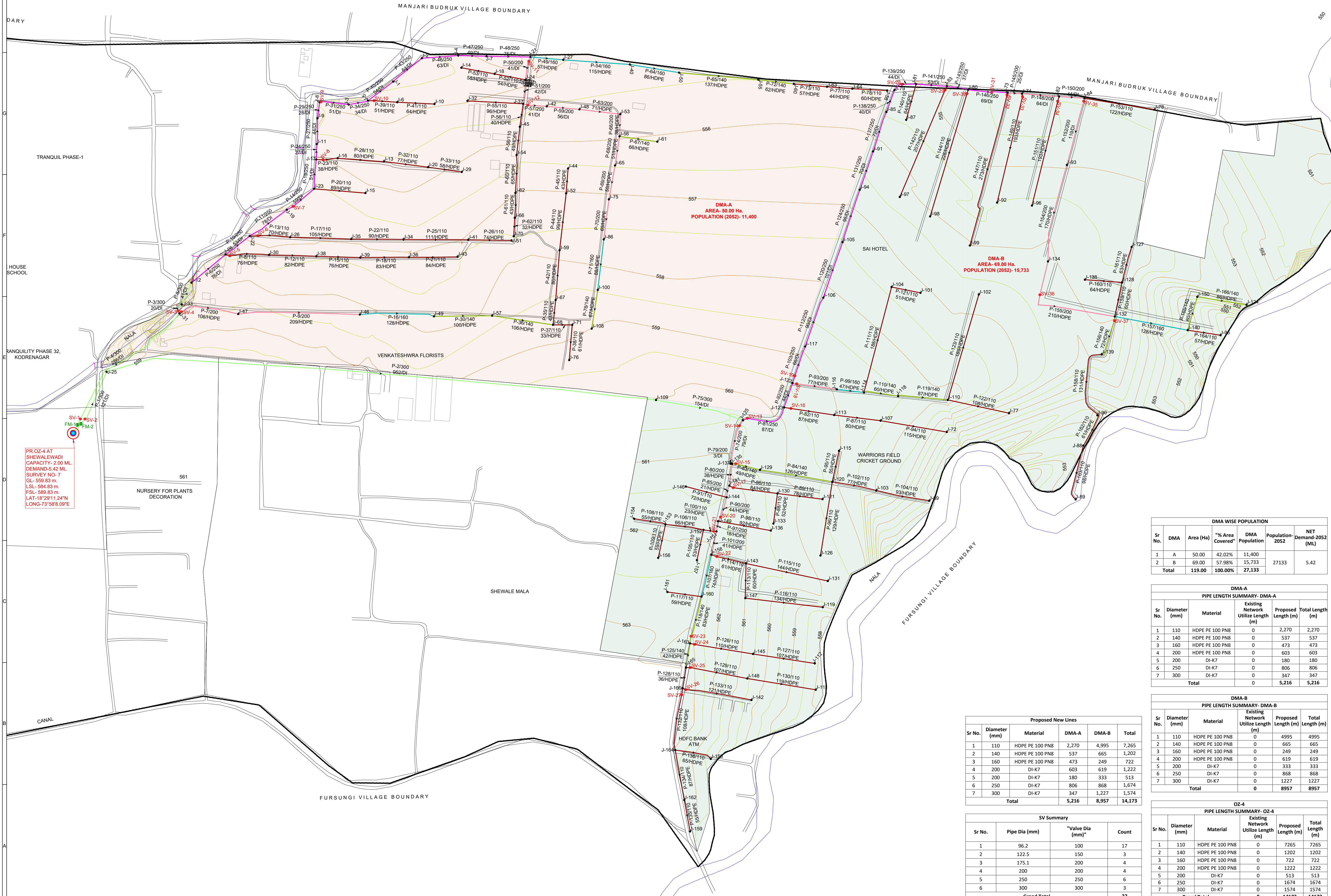
JE		DE		EE	
SE			CE		
REV	DESCRIPTION	DESIGN BY	APP BY	DATE	
-	-	-	-	-	
-	-	-	-	-	
RO		S.S.K.	R.D.K.	15-01-2025	

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 : SWD/DISTRI/OZ-4
DATE : JAN-2025
DRAWN BY : M.B.B.
CHECKED BY : R.D.K.
SCALE : 1:3000

PRIMOVE INFRASTRUCTURE DEVELOPMENT CONSULTANTS PVT.LTD.
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Email : info@primoveindia.com
Web : www.primoveindia.com



DMA WISE POPULATION

Sr No.	DMA	Area (Ha)	% Area Covered	DMA Population	Population 2052	NET Demand-2052 (ML)
1	A	50.00	42.02%	11,400		
2	B	69.00	57.98%	15,733	27,133	5.42
Total		119.00	100.00%	27,133		

DMA-A
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	2,270	2,270
2	140	HDPE PE 100 PN8	0	537	537
3	160	HDPE PE 100 PN8	0	473	473
4	200	HDPE PE 100 PN8	0	603	603
5	200	DI-K7	0	180	180
6	250	DI-K7	0	806	806
7	300	DI-K7	0	347	347
Total			0	5,216	5,216

DMA-B
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	4995	4995
2	140	HDPE PE 100 PN8	0	665	665
3	160	HDPE PE 100 PN8	0	249	249
4	200	HDPE PE 100 PN8	0	619	619
5	200	DI-K7	0	333	333
6	250	DI-K7	0	868	868
7	300	DI-K7	0	1227	1227
Total			0	8957	8957

Proposed New Lines

Sr No.	Diameter (mm)	Material	DMA-A	DMA-B	Total
1	110	HDPE PE 100 PN8	2,270	4,995	7,265
2	140	HDPE PE 100 PN8	537	665	1,202
3	160	HDPE PE 100 PN8	473	249	722
4	200	DI-K7	603	619	1,222
5	200	DI-K7	180	333	513
6	250	DI-K7	806	868	1,674
7	300	DI-K7	347	1,227	1,574
Total			5,216	8,957	14,173

SV Summary

Sr No.	Pipe Dia (mm)	"Valve Dia (mm)"	Count
1	96.2	100	17
2	122.5	150	3
3	175.1	200	4
4	200	200	4
5	250	250	6
6	300	300	3
Grand Total			37

OZ-4
PIPE LENGTH SUMMARY- OZ-4

Sr No.	Diameter (mm)	Material	Existing Network Utilize Length (m)	Proposed Length (m)	Total Length (m)
1	110	HDPE PE 100 PN8	0	7265	7265
2	140	HDPE PE 100 PN8	0	1202	1202
3	160	HDPE PE 100 PN8	0	722	722
4	200	HDPE PE 100 PN8	0	1222	1222
5	200	DI-K7	0	513	513
6	250	DI-K7	0	1674	1674
7	300	DI-K7	0	1574	1574
Grand Total			0	14173	14173