

Line element no.	starting point	pipe size in inches	level of pipe Size at start point to MP	flow rate in l/s
TRUNK LINE				
SL-2	MH-1.3	6"	100.2379	212
SL-3	MH-1.3	6"	100.18	212
SL-4	MH-1.4	6"	100.05	212
SL-5	MH-1.5	6"	99.97	212
SL-6	MH-1.6	6"	99.93	212
SL-7	MH-1.7	6"	99.83	212
SL-8	MH-1.8	6"	99.68	212
SL-9	MH-1.9	6"	99.46	212
SL-10	MH-2.0	6"	99.49	212
SL-11	MH-2.1	6"	99.43	249
SL-12	MH-2.2	6"	99.26	249
SL-13	MH-2.3	6"	99.24	249
SL-14	MH-2.4	6"	99.12	249
SL-15	MH-2.5	6"	99.06	249
SL-16	MH-2.6	6"	98.51	249
SL-17	MH-2.7	6"	98.82	249
SL-18	MH-2.8	6"	98.78	249

Line element no.	starting point	pipe size in inches	level of pipe Size at start point to MP	flow rate in l/s
BRANCH LINE 1 (FROM MH-1.3)				
SL-2.1	MH-2.1	6"	100.45	212
SL-2.2	MH-2.2	6"	100.38	212
SL-2.3	MH-2.3	6"	100.31	212
SL-2.4	MH-2.4	6"	100.24	212
SL-2.5	MH-2.5	6"	100.17	212
SL-2.6	MH-2.6	6"	100.10	212
SL-2.7	MH-2.7	6"	100.03	212
SL-2.8	MH-2.8	6"	99.95	212
SL-2.9	MH-2.9	6"	99.83	212
SL-2.10	MH-2.10	6"	99.74	212
SL-2.11	MH-2.11	6"	99.54	212
SL-2.12	MH-2.12	6"	99.53	249
SL-2.13	MH-2.13	6"	99.51	249
SL-2.14	MH-2.14	6"	99.26	249
SL-2.15	MH-2.15	6"	99.23	249
SL-2.16	MH-2.16	6"	99.12	249
SL-2.17	MH-2.17	6"	99.04	249

Line element no.	starting point	pipe size in inches	level of pipe Size at start point to MP	flow rate in l/s
SUB BRANCH LINE 1 (FROM MH 9)				
SL-1.1	MH-1.1	6"	100.25	212
SL-1.2	MH-1.2	6"	100.21	212
SUB BRANCH LINE 2 (FROM MH 7)				
SL-1.3	MH-1.3	6"	100.25	212
SL-1.4	MH-1.4	6"	100.18	212
SL-1.5	MH-1.5	6"	100.11	212
SL-1.6	MH-1.6	6"	100.04	212
SL-1.7	MH-1.7	6"	99.97	212
SL-1.8	MH-1.8	6"	99.93	212
SUB BRANCH LINE 3 (FROM MH 8)				
SL-1.9	MH-1.9	6"	100.25	212
SL-1.10	MH-1.10	6"	100.18	212
SL-1.11	MH-1.11	6"	99.41	212
SL-1.12	MH-1.12	6"	99.34	212
SL-1.13	MH-1.13	6"	99.26	212
SL-1.14	MH-1.14	6"	99.23	212

Line element no.	starting point	pipe size in inches	level of pipe Size at start point to MP	flow rate in l/s
SUB BRANCH LINE 4 (FROM MH 9)				
SL-1.15	MH-1.15	6"	100.25	212
SL-1.16	MH-1.16	6"	100.18	212
SL-1.17	MH-1.17	6"	100.11	212
SL-1.18	MH-1.18	6"	100.04	212
SL-1.19	MH-1.19	6"	99.97	212
SUB BRANCH LINE 5 (FROM MH 10)				
SL-2.0	MH-2.0	6"	100.25	212
SL-2.1	MH-2.1	6"	100.18	212
SL-2.2	MH-2.2	6"	100.11	212
SL-2.3	MH-2.3	6"	100.04	212
SL-2.4	MH-2.4	6"	99.97	212

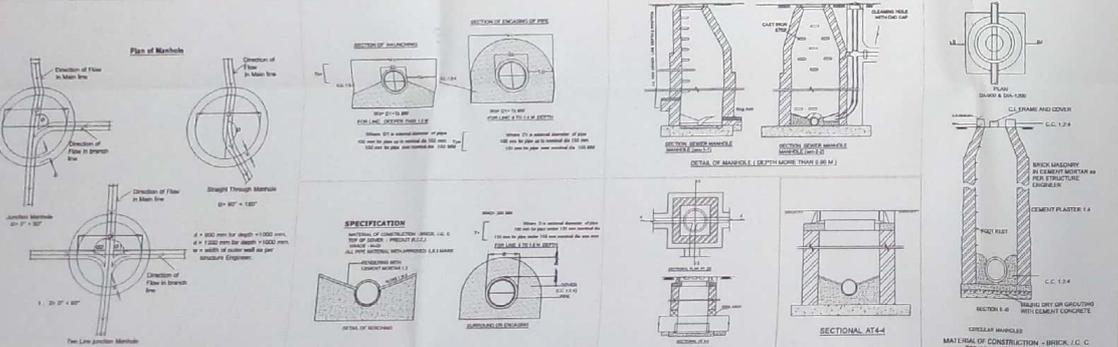
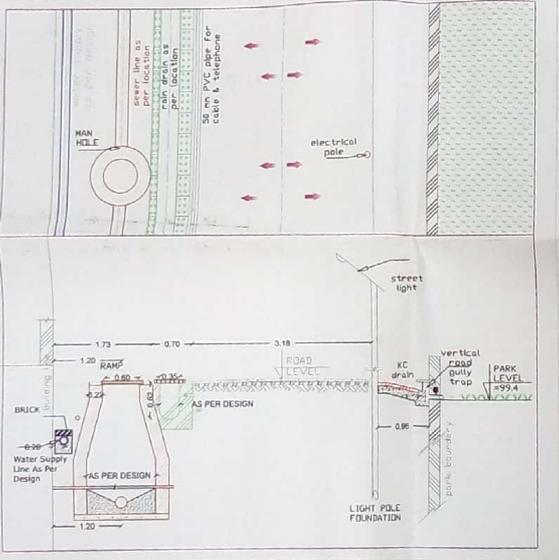
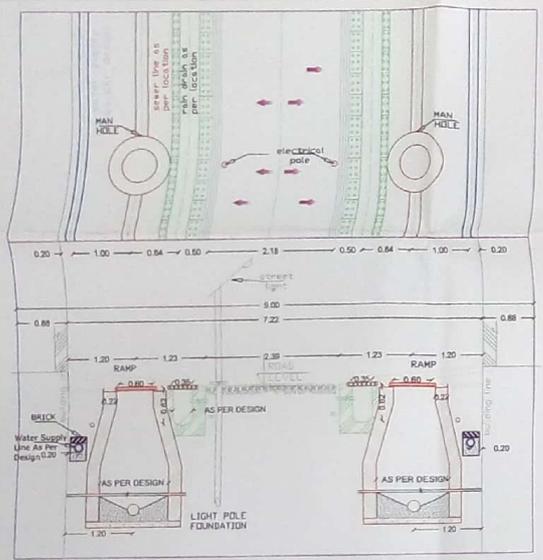
Line element no.	starting point	pipe size in inches	level of pipe Size at start point to MP	flow rate in l/s
SUB BRANCH LINE 6 (FROM MH 11)				
SL-2.5	MH-2.5	6"	100.25	212
SL-2.6	MH-2.6	6"	100.18	212
SL-2.7	MH-2.7	6"	100.11	212
SL-2.8	MH-2.8	6"	100.04	212
SL-2.9	MH-2.9	6"	99.97	212
SUB BRANCH LINE 7 (FROM MH 12)				
SL-3.0	MH-3.0	6"	100.25	212
SL-3.1	MH-3.1	6"	100.18	212
SL-3.2	MH-3.2	6"	100.11	212
SL-3.3	MH-3.3	6"	100.04	212
SL-3.4	MH-3.4	6"	99.97	212

Line element no.	starting point	pipe size in inches	level of pipe Size at start point to MP	flow rate in l/s
SUB BRANCH LINE 8 (FROM MH 13)				
SL-3.5	MH-3.5	6"	100.25	212
SL-3.6	MH-3.6	6"	100.18	212
SL-3.7	MH-3.7	6"	100.11	212
SL-3.8	MH-3.8	6"	100.04	212
SL-3.9	MH-3.9	6"	99.97	212
SL-4.0	MH-4.0	6"	99.90	212
SL-4.1	MH-4.1	6"	99.83	212
SL-4.2	MH-4.2	6"	99.76	212
SL-4.3	MH-4.3	6"	99.68	212
SL-4.4	MH-4.4	6"	99.61	212
SL-4.5	MH-4.5	6"	99.59	212

Line element no.	starting point	pipe size in inches	level of pipe Size at start point to MP	flow rate in l/s
SUB BRANCH LINE 9 (FROM MH 14)				
SL-4.6	MH-4.6	6"	100.45	212
SL-4.7	MH-4.7	6"	100.41	212
SUB BRANCH LINE 10 (FROM MH 15)				
SL-4.8	MH-4.8	6"	100.49	212
SL-4.9	MH-4.9	6"	100.38	212
SL-5.0	MH-5.0	6"	100.31	212
SL-5.1	MH-5.1	6"	100.24	212
SL-5.2	MH-5.2	6"	100.17	212
SL-5.3	MH-5.3	6"	100.11	212

Line element no.	starting point	pipe size in inches	level of pipe Size at start point to MP	flow rate in l/s
SUB BRANCH LINE 11 (FROM MH 16)				
SL-5.4	MH-5.4	6"	100.49	212
SL-5.5	MH-5.5	6"	100.38	212
SL-5.6	MH-5.6	6"	100.31	212
SL-5.7	MH-5.7	6"	100.24	212
SL-5.8	MH-5.8	6"	100.17	212
SL-5.9	MH-5.9	6"	100.11	212
SUB BRANCH LINE 12 (FROM MH 17)				
SL-6.0	MH-6.0	6"	100.49	212
SL-6.1	MH-6.1	6"	100.38	212
SL-6.2	MH-6.2	6"	100.31	212
SL-6.3	MH-6.3	6"	100.24	212
SL-6.4	MH-6.4	6"	100.17	212
SL-6.5	MH-6.5	6"	100.11	212

Line element no.	starting point	pipe size in inches	level of pipe Size at start point to MP	flow rate in l/s
SUB BRANCH LINE 13 (FROM MH 18)				
SL-6.6	MH-6.6	6"	100.49	212
SL-6.7	MH-6.7	6"	100.38	212
SL-6.8	MH-6.8	6"	100.31	212
SL-6.9	MH-6.9	6"	100.24	212
SL-7.0	MH-7.0	6"	100.17	212
SL-7.1	MH-7.1	6"	100.11	212
SUB BRANCH LINE 14 (FROM MH 19)				
SL-7.2	MH-7.2	6"	100.49	212
SL-7.3	MH-7.3	6"	100.38	212
SL-7.4	MH-7.4	6"	100.31	212
SL-7.5	MH-7.5	6"	100.24	212
SL-7.6	MH-7.6	6"	100.17	212



Project Information:
 SHEET DETAILS: 1 A1 V1
 Drawn By: Praveen Choudhary Design Engineer-PHE
 Checked By: Anand K. Pandey
 Version No.: Ver-1
 Date of Version: 18/04/2017
 Project Name: SANGAR VILLU (PHASE I)
 Description: PROPOSED LEVEL PLAN

Technical Notes:
 1. For engineering details please refer to see attached calculations. All structural details are suggestive in nature and are need to be approved by structural engineers.
 2. Material of construction - BRICK / C.C TOP OF COVER - PRECAST (R.C.C.) GRADE 18/20
 3. BRICK MASONRY IN EXISTING WORK AS PER STRUCTURE ENGINEER
 4. POINT TEST
 5. CEMENT PLASTER 1:4
 6. C.C 1:2:4
 7. DETAIL OF MANHOLE DEPTH MORE THAN 3.00 M

Project Signatures:
 Projected Name: SANGAR VILLU (PHASE I)
 Drawing Title: SEWER PLAN
 Consultant: Dwarakapathi SANGAR VILLU
 M.S. M.E. C. Engg. P.H.E. CHARTERED ENGINEER