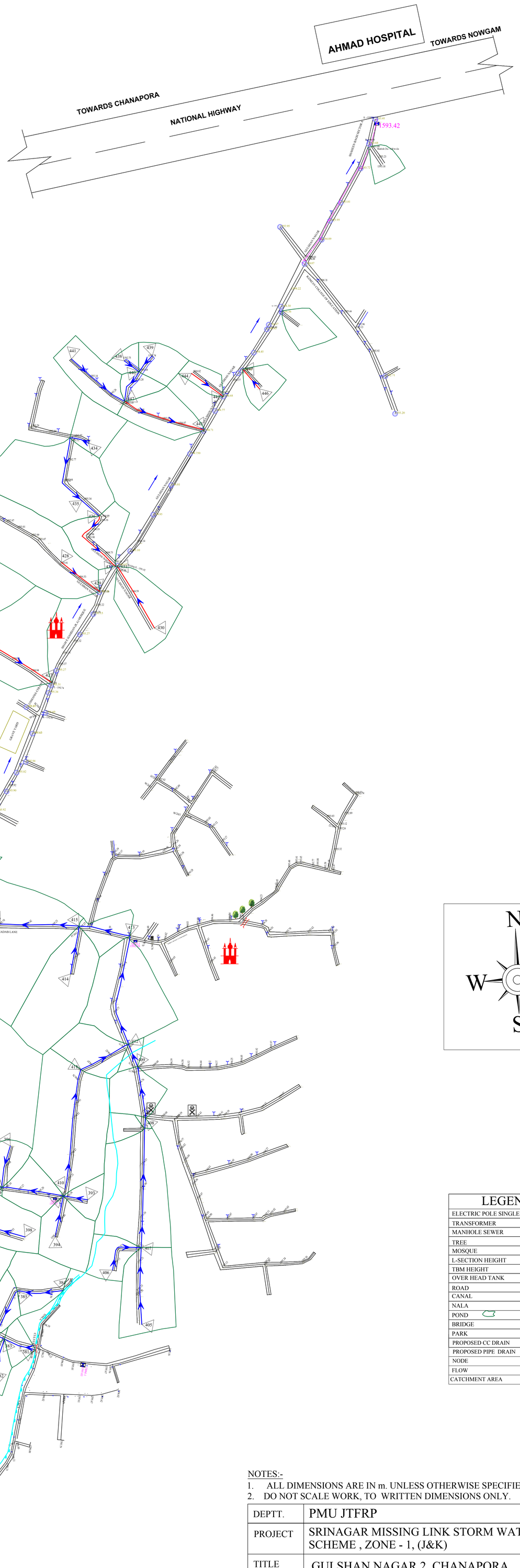
Name of the Drain section		SEC. LENGTH (M)	Dia. (In mm)	Slope 1 in	Velocity (mps)	d/D	Ground Level (In M)		Pipe Invert Level (In M)	
HEAD	TAIL						Head	Tail	Head	Tail
1	2	3	4	5	6	7	8	9	10	11
366	367	24	300	150	0.60	0.18	1597.35	1597.69	1596.65	1596.49
368	369	65	300	480	0.60	0.50	1596.54	1597.43	1595.84	1595.71
381A	383	31	300	180	0.60	0.20	1595.98	1595.57	1595.48	1595.31
382	383	34	300	280	0.61	0.31	1595.63	1595.57	1595.43	1595.31
383	386	10	300	250	0.60	0.28	1595.57	1595.52	1595.28	1595.24
384	385	46	300	450	0.60	0.47	1595.56	1595.48	1595.36	1595.26
385	386	49	300	410	0.60	0.43	1595.48	1595.52	1595.26	1595.14
386	388	13	300	450	0.65	0.56	1595.52	1595.61	1595.10	1595.07
387	388	37	300	280	0.61	0.31	1595.37	1595.61	1595.17	1595.04
388	390	31	300	500	0.69	0.70	1595.61	1595.46	1594.92	1594.86
389	390	57	300	400	0.60	0.43	1595.44	1595.46	1595.24	1595.10
390	391	58	400	850	0.68	0.80	1595.46	1596.18	1594.75	1594.68
391	392	38	400	1050	0.61	0.80	1596.18	1596.30	1594.68	1594.65
392	MH	5	400	1050	0.60	0.75	1596.30	1596.11	1594.65	1594.64
393	395	25	300	225	0.60	0.26	1595.66	1595.47	1595.26	1595.15
394	395	41	300	450	0.60	0.47	1595.41	1595.47	1595.21	1595.12
395	397	61	300	600	0.61	0.63	1595.47	1595.22	1595.04	1594.94
396	397	42	300	260	0.60	0.29	1595.20	1595.22	1595.00	1594.84
397	399	11	300	300	0.87	0.65	1595.22	1595.45	1594.73	1594.70
398	399	75	300	250	0.73	0.40	1595.49	1595.45	1595.29	1594.99
399	400	126	400	1090	0.60	0.79	1595.45	1596.88	1594.58	1594.51
401	402	38	350	800	0.60	0.69	1595.65	1596.88	1595.25	1595.20
403	404	38	300	300	0.60	0.33	1595.88	1596.54	1595.58	1595.45
405	407	76	300	430	0.60	0.45	1595.46	1595.24	1595.26	1595.08
406	407	47	300	350	0.60	0.38	1595.35	1595.24	1595.15	1595.02
407	408	129	300	280	0.97	0.79	1595.24	1594.69	1594.84	1594.38
408	409	53	300	400	0.79	0.74	1594.69	1594.75	1594.38	1594.24
409	412	23	300	580	0.68	0.80	1594.75	1594.86	1594.23	1594.19
410	411	120	300	250	0.97	0.68	1595.44	1594.82	1594.99	1594.51
411	412	54	300	500	0.70	0.71	1594.82	1594.86	1594.50	1594.39
412	413	107	450	1230	0.60	0.78	1594.86	1595.13	1594.04	1594.00
413	415	52	450	1180	0.60	0.72	1595.13	1595.20	1594.00	1593.98
414	415	48	300	420	0.65	0.50	1594.72	1595.20	1594.37	1594.26
415	415A	80	500	1400	0.60	0.75	1595.20	1595.70	1593.93	1593.89
415A	416	59	500	1400	0.60	0.75	1595.70	1596.34	1593.89	1593.87
417	418	27	300	180	0.64	0.23	1595.86	1596.45	1594.91	1594.76
419	420	34	300	170	0.64	0.22	1595.75	1596.14	1594.80	1594.60
421	422	22	300	100	0.64	0.14	1596.15	1596.27	1595.20	1594.98
423	424	89	300	650	0.60	0.66	1594.90	1596.09	1593.95	1593.81
426	427	108	350	740	0.60	0.62	1593.70	1595.31	1592.95	1592.83
428	429	136	350	900	0.60	0.78	1593.51	1595.18	1592.76	1592.61
430	431	72	300	450	0.62	0.50	1594.05	1595.07	1593.35	1593.19
434	435	20	300	400	0.60	0.43	1592.74	1592.57	1592.54	1592.49
435	436	95	400	940	0.65	0.80	1592.57	1594.09	1592.04	1591.94
436	437	72	400	950	0.62	0.72	1594.09	1595.07	1591.94	1591.92
438	440	18	300	140	0.61	0.17	1592.75	1593.08	1592.50	1592.42
439	440	21	300	240	0.60	0.27	1592.74	1593.08	1592.49	1592.45
440	442	34	300	320	0.74	0.50	1593.04	1592.45	1592.27	1592.22
441	442	68	300	350	0.71	0.50	1593.19	1593.45	1592.99	1592.85
442	443	85	350	850	0.61	0.77	1593.45	1594.71	1592.09	1592.06
444	445	39	300	200	0.60	0.23	1594.82	1594.68	1594.12	1593.93
446	447	26	300	230	0.60	0.26	1593.96	1594.53	1593.61	1593.50



LEGEND	
ELECTRIC POLE SINGLE	
TRANSFORMER	
MANHOLE SEWER	
TREE	
MOSQUE	
L-SECTION HEIGHT	1592.73
TBM HEIGHT	1585.86
OVER HEAD TANK	
ROAD	
CANAL	
NALA	
POND	
BRIDGE	
PARK	PARK
PROPOSED CC DRAIN	
PROPOSED PIPE DRAIN	
NODE	
FLOW	
CATCHMENT AREA	

NOTES:-

1. ALL DIMENSIONS ARE IN m. UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE WORK, TO WRITTEN DIMENSIONS ONLY.

DEPTT.	PMU JTFRP				
PROJECT	SRINAGAR MISSING LINK STORM WATER DRAINAGE SCHEME , ZONE - 1, (J&K)				
TITLE	GULSHAN NAGAR 2, CHANAPORA				
SHEET	A0				WAPCOS LIMITED
REVISION	R1				
DATE	26.07.2019				
SCALE	N.T.S				
DWG. NO.	WAPCOS/C/INDEX/03				