



| 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 |
| 613 | 614 | 30 | 300 | 215 | 0.60 | 0.24 | 1589.57 | 1589.43 | 1589.07 | 1588.93 |
| 614 | 615 | 10 | 300 | 250 | 0.53 | 0.22 | 1589.43 | 1589.44 | 1588.92 | 1588.88 |
| 615 | 616 | 69 | 300 | 230 | 0.75 | 0.39 | 1589.44 | 1589.16 | 1588.86 | 1588.56 |
| 617 | 619 | 47 | 300 | 250 | 0.60 | 0.28 | 1589.41 | 1590.55 | 1589.01 | 1588.82 |
| 618 | 619 | 29 | 300 | 230 | 0.60 | 0.26 | 1590.59 | 1590.55 | 1590.19 | 1590.06 |
| 619 | 620 | 12 | 300 | 330 | 0.60 | 0.36 | 1590.55 | 1589.72 | 1588.80 | 1588.76 |
| 621 | 623 | 23 | 300 | 250 | 0.60 | 0.28 | 1590.59 | 1590.82 | 1590.09 | 1590.00 |
| 622 | 623 | 27 | 300 | 180 | 0.61 | 0.21 | 1590.92 | 1590.82 | 1590.42 | 1590.27 |
| 623 | 624 | 51 | 300 | 250 | 0.71 | 0.38 | 1590.82 | 1589.69 | 1589.40 | 1589.19 |
| 625 | 627 | 40 | 300 | 210 | 0.60 | 0.24 | 1590.91 | 1589.82 | 1589.56 | 1589.37 |
| 626 | 627 | 30 | 300 | 135 | 0.60 | 0.17 | 1590.91 | 1589.82 | 1589.56 | 1589.34 |
| 627 | 628 | 21 | 300 | 250 | 0.61 | 0.29 | 1589.82 | 1589.90 | 1589.30 | 1589.22 |
| 628 | 629 | 11 | 300 | 220 | 0.61 | 0.25 | 1589.90 | 1589.91 | 1589.22 | 1589.17 |
| 630 | 631 | 26 | 300 | 185 | 0.60 | 0.21 | 1590.71 | 1589.88 | 1589.56 | 1589.42 |
| 631 | 633 | 12 | 300 | 220 | 0.61 | 0.25 | 1589.88 | 1589.80 | 1589.41 | 1589.35 |
| 632 | 633 | 37 | 300 | 230 | 0.60 | 0.26 | 1589.35 | 1589.80 | 1588.85 | 1588.69 |
| 633 | 637 | 50 | 300 | 370 | 0.60 | 0.40 | 1589.80 | 1590.01 | 1588.65 | 1588.51 |
| 634 | 636 | 48 | 300 | 340 | 0.60 | 0.37 | 1589.49 | 1589.88 | 1588.99 | 1588.85 |
| 635 | 636 | 41 | 300 | 200 | 0.60 | 0.23 | 1589.88 | 1589.88 | 1589.38 | 1589.18 |
| 636 | 637 | 10 | 300 | 250 | 0.61 | 0.29 | 1589.88 | 1590.01 | 1588.85 | 1588.81 |
| 637 | 639 | 23 | 300 | 400 | 0.70 | 0.56 | 1590.01 | 1589.77 | 1588.46 | 1588.41 |
| 638 | 639 | 25 | 300 | 155 | 0.60 | 0.18 | 1590.16 | 1589.77 | 1589.66 | 1589.50 |
| 639 | 640 | 23 | 300 | 600 | 0.61 | 0.64 | 1589.77 | 1589.83 | 1588.41 | 1588.37 |
| 640 | 641 | 11 | 300 | 550 | 0.61 | 0.58 | 1589.83 | 1589.82 | 1588.37 | 1588.35 |
| 642 | 643 | 28 | 300 | 130 | 0.60 | 0.16 | 1589.35 | 1589.41 | 1588.60 | 1588.39 |
| 644 | 645 | 17 | 300 | 100 | 0.60 | 0.13 | 1590.71 | 1589.75 | 1589.36 | 1589.19 |
| 645 | 646 | 10 | 300 | 85 | 0.60 | 0.11 | 1589.75 | 1589.72 | 1588.99 | 1588.87 |

| LEGEND | |
|----------------------|--|
| ELECTRIC POLE SINGLE | |
| TRANSFORMER | |
| MANHOLE SEWER | |
| TREE | |
| MOSQUE | |
| TBM | |
| OVER HEAD TANK | |
| ROAD | |
| CANAL | |
| NALA | |
| POND | |
| BRIDGE | |
| PARK | |
| CULVERT | |
| PROPOSED LINE | |
| NODE | |
| FLOW | |
| CATCHMENT AREA | |

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

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| DEPTT. | PMU JTFRP | | | |
| PROJECT | SRINAGAR MISSING LINK STORM WATER DRAINAGE SCHEME , ZONE-1, (J&K) | | | |
| TITLE | LAL NAGAR, CHANAPORA | | | |
| SHEET | A1 | | | |
| REVISION | R0 | | | |
| DATE | 06.09.2019 | | | |
| SCALE | N.T.S | | | |
| DWG. NO. | WAPCOS/C/INDEX/08 | | | |



WAPCOS
LIMITED