

INPUT DATA LISTING

Table with columns: CD, L2, MAX D, ADJ D, LENGTH, FL 1, FL 2, CTL/TW, D, W, S, KJ, KE, KM, LC, L1, L3, L4, A1, A2, A3, A4, J, N. Contains data for lines 1 through 11.

Project: TOWNE PARC DRAINAGE NW CORNER 2 YEAR FINAL RUN Date: 11/10/1987 Time: 14:13:30

STORM DRAIN ANALYSIS RESULTS

Table with columns: Line No, D, W, Dn, Dc, Flow, S, V1, V2, FL 1, FL 2, HG 1, HG 2, D 1, D 2, TW, HW. Contains analysis results for lines 1 through 11.

LIST OF ABBREVIATIONS

- 0 V 1, FL 1, D 1 and HG 1 refer to downstream end
0 V 2, FL 2, D 2 and HG 2 refer to upstream end
0 X - Distance in feet from downstream end to point where HG intersects soffit in seal condition
0 X(N) - Distance in feet from downstream end to point where water surface reaches normal depth by either drawdown or backwater
0 X(J) - Distance in feet from downstream end to point where hydraulic jump occurs in line
0 F(J) - The computed force at the hydraulic jump
0 D(B) - Depth of water before the hydraulic jump (upstream side)
0 D(A) - Depth of water after the hydraulic jump (downstream side)
0 SEAL indicates flow changes from part to full or from full to part
0 HJ indicates that flow changes from supercritical to subcritical through a hydraulic jump
0 HJU indicates that hydraulic jump occurs at the junction at the upstream end of the line
0 HJD indicates that hydraulic jump occurs at the junction at the downstream end of the line
1

INPUT DATA LISTING

Table with columns: CD, L2, MAX D, ADJ D, LENGTH, FL 1, FL 2, CTL/TW, D, W, S, KJ, KE, KM, LC, L1, L3, L4, A1, A2, A3, A4, J, N. Contains data for lines 1 through 11.

Project: TOWNE PARC DRAINAGE NW CORNER 100 YEAR FINAL RUN Date: 11/10/1987 Time: 14:14:47

STORM DRAIN ANALYSIS RESULTS

Table with columns: Line No, D, W, Dn, Dc, Flow, S, V1, V2, FL 1, FL 2, HG 1, HG 2, D 1, D 2, TW, HW. Contains analysis results for lines 1 through 11.

LIST OF ABBREVIATIONS

- 0 V 1, FL 1, D 1 and HG 1 refer to downstream end
0 V 2, FL 2, D 2 and HG 2 refer to upstream end
0 X - Distance in feet from downstream end to point where HG intersects soffit in seal condition
0 X(N) - Distance in feet from downstream end to point where water surface reaches normal depth by either drawdown or backwater
0 X(J) - Distance in feet from downstream end to point where hydraulic jump occurs in line
0 F(J) - The computed force at the hydraulic jump
0 D(B) - Depth of water before the hydraulic jump (upstream side)
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0 HJU indicates that hydraulic jump occurs at the junction at the upstream end of the line
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1