

LEGEND

A = BASIN DESIGNATION
 B = AREA (ACRES)
 C = BASIN IMPERVIOUSNESS
 D = 100YR DESIGN STORM RUNOFF (CFS)

= DESIGN POINT
 → FLOW DIRECTION

PROPERTY BOUNDARY
 PARCEL LINE
 DRAINAGE BASIN BOUNDARY
 XXXX PROPOSED MAJOR CONTOUR
 XXXX PROPOSED MINOR CONTOUR
 XXXX EXISTING MAJOR CONTOUR
 XXXX EXISTING MINOR CONTOUR

A = HEC-HMS BASIN DESIGNATION
 B = HEC-HMS AREA (ACRES)
 C = HEC-HMS BASIN IMPERVIOUSNESS

= HEC-HMS DESIGN POINT
 HEC-HMS DRAINAGE BASIN BOUNDARY
 POND A HEC-HMS DETENTION POND

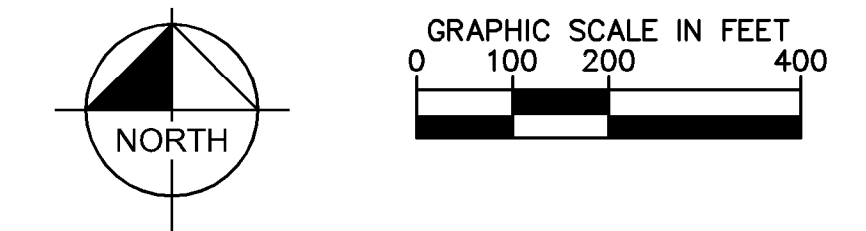
SUMMARY - PROPOSED RUNOFF TABLE

| DESIGN POINT | BASIN DESIGNATION | BASIN AREA (ACRES) | DIRECT 5-YR RUNOFF (CFS) | DIRECT 100-YR RUNOFF (CFS) |
|--------------|-------------------|--------------------|--------------------------|----------------------------|
| P1 | P1 | 37.38 | 31.24 | 103.52 |
| P2 | P2 | 33.94 | 64.90 | 141.43 |
| P3 | P3 | 79.88 | 73.16 | 219.24 |
| P4 | P4 | 8.63 | 10.53 | 27.71 |
| OS1 | OS1 | 25.79 | 7.48 | 54.91 |
| OS2 | OS2 | 37.07 | 10.75 | 78.94 |
| R1 | R1 | 3.22 | 10.78 | 19.31 |
| R2 | R2 | 3.98 | 14.81 | 26.53 |

HEC-HMS SUMMARY - PROPOSED RUNOFF TABLE

| DESIGN POINT | BASIN DESIGNATION | BASIN ACRES | DIRECT 5-YR RUNOFF (CFS) | DIRECT 100-YR RUNOFF (CFS) | CUMULATIVE DIRECT 5-YR RUNOFF (CFS) | CUMULATIVE DIRECT 100-YR RUNOFF (CFS) |
|--------------|-------------------|-------------|--------------------------|----------------------------|-------------------------------------|---------------------------------------|
| P10 | P10 | 49.98 | 68 | 136 | 68 | 136 |
| P20 | P20 | 37.16 | 68 | 136 | 68 | 136 |
| P30 | P30 | 79.88 | 94 | 204 | 204 | 403 |
| P40 | P40 | 25.79 | 66 | 117 | 143 | 154 |
| P50 | P50 | 37.07 | 82 | 146 | -- | -- |
| OF1 | OF1 | 229.88 | -- | -- | 25 | 105 |

NOTE: THE PROPOSED FULL SPECTRUM DETENTION POND WILL BE MAINTAINED BY CSU.



PROPOSED DRAINAGE EXHIBIT – CSU ATC, COLORADO SPRINGS, CO

