



- BENCHMARK**  
COA ID: 456723SW003. DESCRIPTION: 3" BRASS CAP IN  
CONCRETE PAD OF THE SOUTHWEST CORNER LEFT OF  
POWER TRANSMISSION TOWER #164 BEING ON THE NORTH  
SIDE OF EAST JEWELL AVENUE ACROSS FROM THE HAVANA  
HEIGHTS DETENTION POND AND APPROXIMATELY 375 FT. EAST  
OF JOLIET STREET. ELEVATION: 5,567.417 (NAVD 88 DATUM)
- ABBREVIATIONS**  
U.A.D.E. = UTILITY, ACCESS AND DRAINAGE EASEMENT  
U.F.E. = UTILITY AND FIRE LANE EASEMENT  
D.E. = DRAINAGE EASEMENT  
S.E. = SIDEWALK EASEMENT  
TF = TOP OF FOUNDATION  
TC = TOP OF CURB

URBAN COTTAGES, LLC  
URBAN COTTAGES - JEWELL  
DRAINAGE PLAN  
E JEWELL AVE  
AURORA, CO

PROJ NO: 210204

ENG : EAP

DATE : 01/03/2025

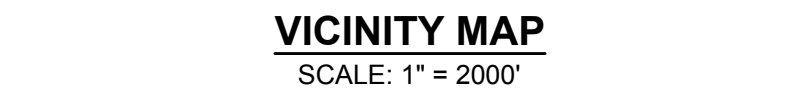
SHEET NUMBER

DP1

1 OF 2

| BASIN SUMMARY TABLE        |                     |                                   |                                   |                                     |                                     |
|----------------------------|---------------------|-----------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| Basin Designation          | Design Point        | Area (ac)                         | % Impervious                      | Q <sub>2</sub> (cfs)                | Q <sub>100</sub> (cfs)              |
| D1                         | 1                   | 1.74                              | 72.62                             | 2.22                                | 7.44                                |
| D2                         | 2                   | 0.93                              | 74.65                             | 1.28                                | 4.23                                |
| D3                         | 3                   | 1.17                              | 59.02                             | 1.29                                | 4.77                                |
| D4                         | 4                   | 0.21                              | 53.04                             | 0.22                                | 0.86                                |
| D5                         | 5                   | 0.14                              | 63.36                             | 0.18                                | 0.65                                |
| UD1                        | 6                   | 0.28                              | 24.21                             | 0.09                                | 0.58                                |
| OS1                        | 7                   | 1.42                              | 13.21                             | 0.17                                | 1.63                                |
| OS2                        | 8                   | 0.27                              | 18.67                             | 0.07                                | 0.56                                |
| OS3                        | 9                   | 0.04                              | 5.00                              | 0.002                               | 0.04                                |
| DESIGN POINT SUMMARY TABLE |                     |                                   |                                   |                                     |                                     |
| Design Point               | Contributing Basins | Direct Flows Q <sub>2</sub> (cfs) | Routed Flows Q <sub>2</sub> (cfs) | Direct Flows Q <sub>100</sub> (cfs) | Routed Flows Q <sub>100</sub> (cfs) |
| 1                          | D1, D2, D4, D5, OS3 | 2.22                              | 3.90                              | 7.44                                | 13.23                               |
| 2                          | D2, D5              | 1.28                              | 1.46                              | 4.23                                | 4.88                                |
| 3                          | D3                  | 1.29                              | 1.29                              | 4.77                                | 4.77                                |
| 4                          | D4                  | 0.22                              | 0.22                              | 0.86                                | 0.86                                |
| 5                          | D5                  | 0.18                              | 0.18                              | 0.65                                | 0.65                                |
| 6                          | UD1, OS1, OS2       | 0.09                              | 0.34                              | 0.58                                | 2.77                                |
| 7                          | OS1                 | 0.17                              | 0.17                              | 1.63                                | 1.63                                |
| 8                          | OS2                 | 0.07                              | 0.07                              | 0.56                                | 0.56                                |
| 9                          | OS3                 | 0.002                             | 0.002                             | 0.04                                | 0.04                                |

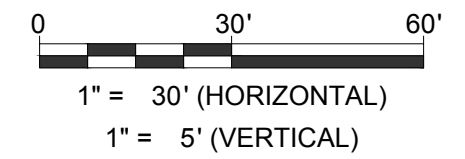
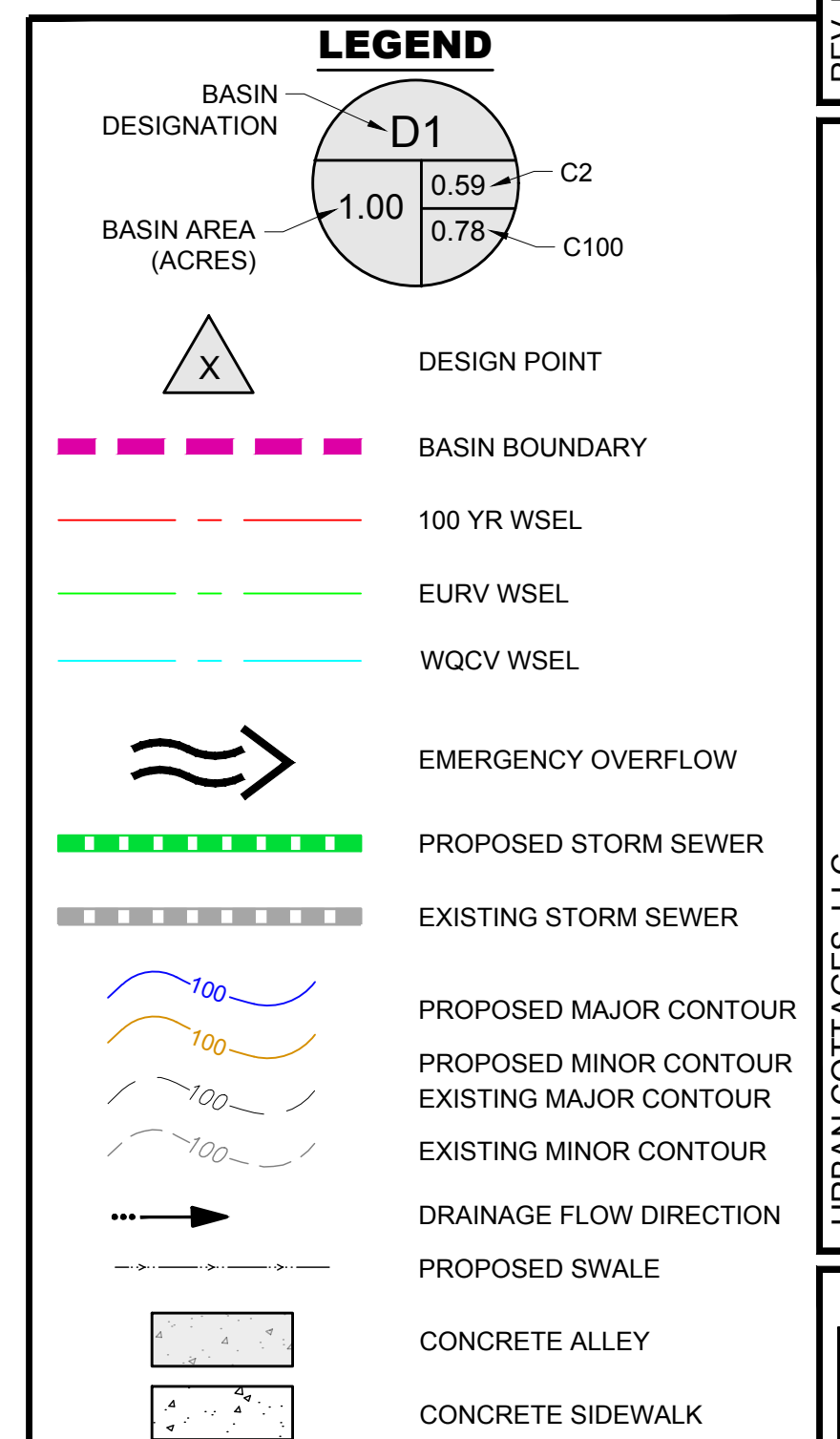




5. THE LPE (LOWEST POINT OF ENTRY) IS THE WINDOW WELL AND IS 6" BELOW THE TF (TOP OF FOUNDATION). TYPICAL ON ALL LOTS.

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[illegible]

URBAN COTTAGES - JEWELL  
DRAINAGE PLAN  
E JEWELL AVE  
AURORA, CO

**PRELIMINARY**  
THIS DRAWING HAS NOT  
BEEN APPROVED BY  
GOVERNING AGENCIES  
AND IS SUBJECT TO  
CHANGE

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SHEET NUMBER

DP2