

BASIN A STORM WATER FACILITY
 CONTRIBUTING IMPERVIOUS BASIN AREA = 11,046 sq ft
 SWALE TREATMENT VOLUME REQUIRED = 460 cu ft
 SWALE TREATMENT AREA REQUIRED = +/-920 sq ft
 SWALE TREATMENT VOLUME PROVIDED = 640 cu ft
 SWALE TREATMENT AREA PROVIDED = 1,097 sq ft
 PEAK 25-YEAR PRE-DEVELOPMENT DISCHARGE = 0.47 cfs
 PEAK 25-YEAR POST-DEVELOPMENT DISCHARGE = 0.78 cfs

BASIN C STORM WATER FACILITY
 CONTRIBUTING IMPERVIOUS BASIN AREA = 15,244 sq ft
 SWALE TREATMENT VOLUME REQUIRED = 635 cu ft
 SWALE TREATMENT AREA REQUIRED = +/-1,270 sq ft
 SWALE TREATMENT VOLUME PROVIDED = 711 cu ft
 SWALE TREATMENT AREA PROVIDED = 1,422 sq ft
 PEAK 25-YEAR PRE-DEVELOPMENT DISCHARGE = 0.33 cfs
 PEAK 25-YEAR POST-DEVELOPMENT DISCHARGE = 0.94 cfs

BASIN B STORM WATER FACILITY
 CONTRIBUTING IMPERVIOUS BASIN AREA = 9,100 sq ft
 SWALE TREATMENT VOLUME REQUIRED = 379 cu ft
 SWALE TREATMENT AREA REQUIRED = +/-758 sq ft
 SWALE TREATMENT VOLUME PROVIDED = 492 cu ft
 SWALE TREATMENT AREA PROVIDED = 870 sq ft
 PEAK 25-YEAR PRE-DEVELOPMENT DISCHARGE = 0.23 cfs
 PEAK 25-YEAR POST-DEVELOPMENT DISCHARGE = 0.59 cfs

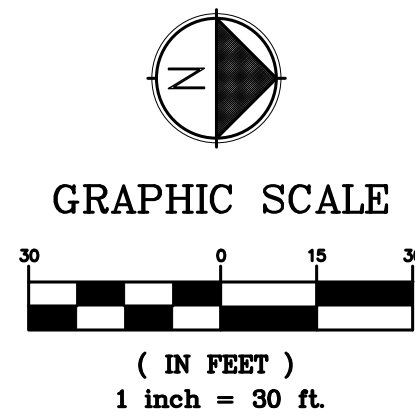
BASIN D STORM WATER FACILITY
 CONTRIBUTING IMPERVIOUS BASIN AREA = 15,000 sq ft
 SWALE TREATMENT VOLUME REQUIRED = 625 cu ft
 SWALE TREATMENT AREA REQUIRED = +/-1,250 sq ft
 SWALE TREATMENT VOLUME PROVIDED = 680 cu ft
 SWALE TREATMENT AREA PROVIDED = 1,250 sq ft
 PEAK 25-YEAR PRE-DEVELOPMENT DISCHARGE = 0.32 cfs
 PEAK 25-YEAR POST-DEVELOPMENT DISCHARGE = 0.92 cfs

BASIN E STORM WATER FACILITY
 CONTRIBUTING IMPERVIOUS BASIN AREA = 15,400 sq ft
 SWALE TREATMENT VOLUME REQUIRED = 642 cu ft
 SWALE TREATMENT AREA REQUIRED = +/-1,284 sq ft
 SWALE TREATMENT VOLUME PROVIDED = 785 cu ft
 SWALE TREATMENT AREA PROVIDED = 1,774 sq ft
 PEAK 25-YEAR PRE-DEVELOPMENT DISCHARGE = 0.41 cfs
 PEAK 25-YEAR POST-DEVELOPMENT DISCHARGE = 1.02 cfs

**PROGRESS PRINT
 (NOT FOR CONSTRUCTION)**
 THESE DRAWINGS HAVE BEEN RELEASED AT THE REQUEST OF THE CLIENT AND ARE NOT INTENDED FOR THE PURPOSES OF BIDDING, PERMITTING, OR CONSTRUCTION.

CONTRACTOR NOTE
 ALL EXISTING UTILITIES SHOWN ON PLANS ARE TO BE VERIFIED HORIZONTALLY AND VERTICALLY PRIOR TO ANY CONSTRUCTION. ALL EXISTING FEATURES INCLUDING BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORD MAPS AND SURVEYS FURNISHED BY OTHERS. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS AND SURVEYS. CONTACT THE UTILITY OWNER/AGENCY FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO CONSTRUCTION.

**UNDERGROUND SERVICE ALERT
 ONE-CALL NUMBER
 811
 CALL TWO BUSINESS DAYS
 BEFORE YOU DIG**



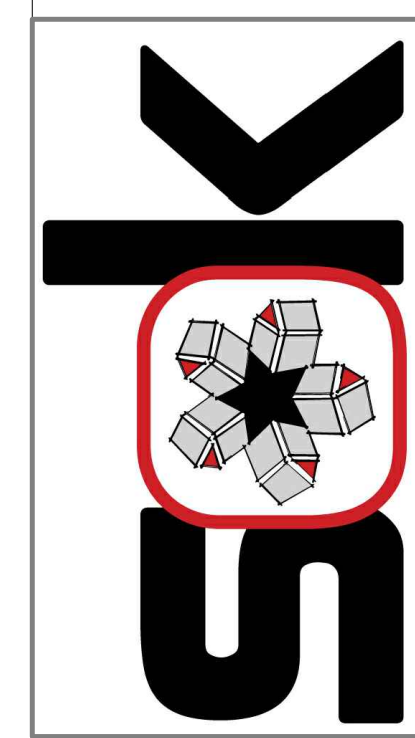
CONCEPTUAL POST-DEVELOPMENT BASIN MAP

C.U.P. APPLICATION SET ONLY. NOT FOR CONSTRUCTION

REVISION:	DATE:
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REVISION:	DATE:
REVISION:	DATE:

SANDCREEK RIDGE
 RPP00000107502A + RPP00000107401A
CIVIL SITE PLAN
 3 JAN 2022

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