

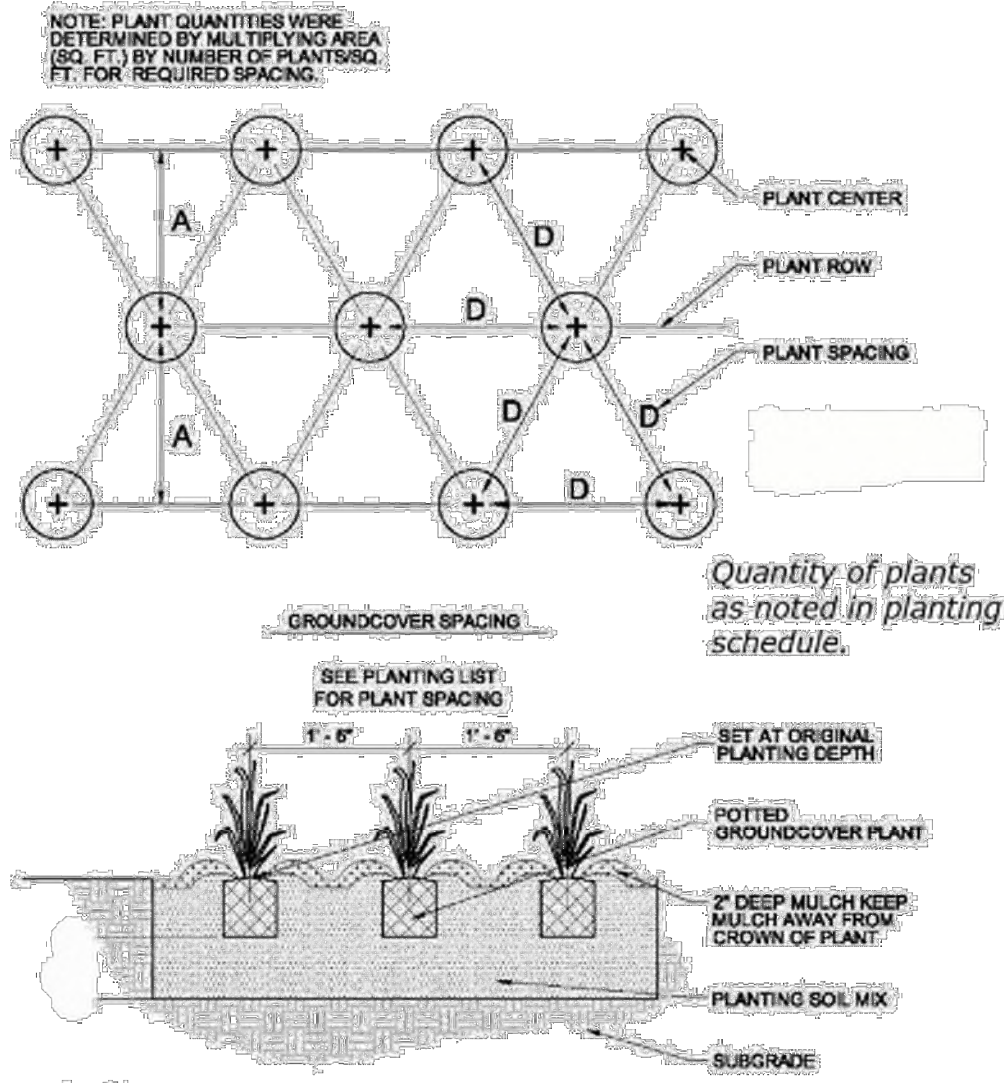


**ENGINEERS AUTHENTICATION**  
 The responsibility for professional engineering liability on this project is hereby limited to the set of plans authorized by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after the date stated hereunder.  
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 PROFESSIONAL ENGINEER  
 PE 2200007195

**LIST OF ACCEPTABLE NATIVE GRASSES/SEDGES FOR DETENTION BASIN PLANTING AREAS**  
 PER MSD BMP LANDSCAPE GUIDE GRASSES/SEDGES FOR POND EDGE & PERMANENT WATER

Latin Name	Common Name
Carex annectans	Yellow fruited sedge
Carex crinita	Bur sedge
Carex muskingumensis	Fringed sedge
Carex vulpinoidea	Palm sedge
Scirpus atrovirens	Fox sedge
Carex annectans	Great green bullrush
Carex grayi	Yellow fruited sedge
Carex muskingumensis	Bur sedge
Carex praegracilis	Tailway sedge
Carex shortiana	Short's sedge
Carex vulpinoidea	Fox sedge
Juncus effusus	Soft rush
Scirpus atrovirens	Great green bullrush
Sparina pectinata	Prairie cordgrass

SPACING TO	ROW "A"	NUMBER OF PLANTS/SQ. FT.
30"	20"	1.80
24"	20"	.90
18"	15.0"	.450
18"	13.0"	.640
12"	10.4"	1.00
10"	8.66"	1.44
8"	6.93"	2.25



**Plant Spacing Plan**  
 N.T.S. Planting Detail Courtesy of Ted Spald  
 SWT Design, St. Louis, MO  
 Figure 9  
 MSD Landscape Guide for Stormwater Best Management Practices 18

**NOLES PROPERTIES LLC**  
 BRYAN ROAD COMMERCIAL DEVELOPMENT  
 TBD BRYAN ROAD  
 OF FALLON, MO 63376  
 NOLES PROPERTIES LLC  
 11361 OLIVE BLVD  
 CREVE COEUR, MO 63141

Project: \_\_\_\_\_  
 Date: 5/2/2023

**Planting, Water and Mulch Requirements for Stormwater BMPs**

Table 3: Planting, Water and Mulch Requirements

Water Availability	Required Planting Period	Minimum Container Size	Water Requirement First 3 Weeks*	Water Requirement After 3 Weeks*	Maximum Mulch Depth****
No ability to water after	Late Feb. – April only	2.25' x 3.75' or larger	Water each plug immediately		3.5 for plugs
Manual watering with standard sprinkler	Late Feb. – Early June Sept. – October	4.5' x 5' (quart) or larger in summer & fall	1" (60 min) every 4 days	1" (60 min) every 7 days until plants established***	3.5" for plugs 3.5" for quarts
Automatic irrigation (set to water more frequently than normal during first two months after planting)	Late Feb. – Early Oct.	2.25' x 3.75' (plug) or larger in spring 4.5' x 5' (quart) or larger in summer & fall	1" (60 min) every 4 days in spring and fall 1" (60 min) every 3 days in summer	1" (60 min) every 7 days until plants established***	3.5" for plugs 3.5" for quarts

\*This water amount includes natural rainfall. If you get a 1/8 inch of natural rain then you will need to add a 1/8 inch of water to meet the 1 inch requirement.  
 \*\*Requires transport of water to the planting site in large containers and pouring enough water onto each plant (after planting) to moisten the entire planting pit.  
 \*\*\*Plants are established when roots have grown out of the container soil and into the native soil by 3-5 inches. This normally takes 3-4 months for most perennials and grasses and up to 6-7 months for trees and shrubs.  
 \*\*\*\*Shredded leaf compost is recommended for use with perennials and grasses. Shredded bark mulch is recommended for tree and shrub plantings at a depth of 3 inches.

#	Revision Date	Description of Changes
1	6/26/2023	REVISED PER CITY OF OF FALLON AND OF FALLON FIRE COMMENTS
2	7/17/2023	REVISED PER CITY OF OF FALLON COMMENTS
3	7/17/2023	REVISED PER CITY OF OF FALLON COMMENTS

Sheet Title: **BASIN PLANTING DETAILS**

Sheet Number: **C-610**  
 Project No. 2202920  
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 Checked By M. FOGARTY  
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