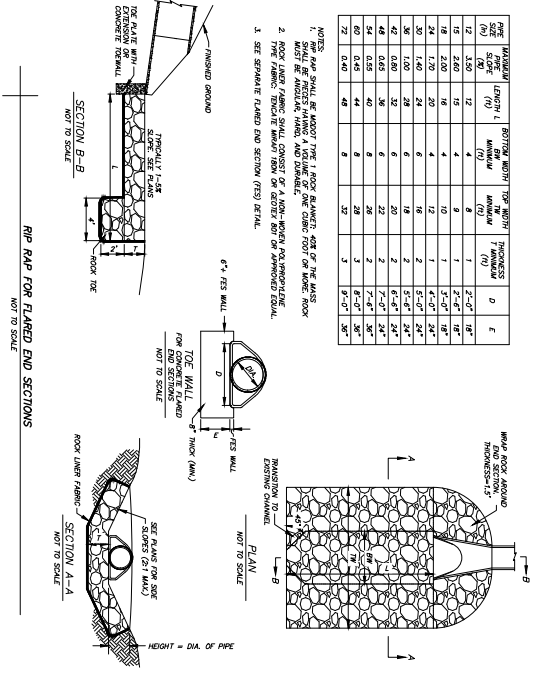


1. RING SHOULD BE CONSTRUCTED TO PREVENT FLOW AROUND DAM.
2. THE TOP OF THE RING SHALL BE THE LOWEST POINT TO ALLOW FOR ENERGY DISSIPATION OF THE WATER BEING FILTERED.
3. STREAM BED SHOULD BE MAINTAINED AT A LOWER ELEVATION TO ALLOW FOR ENERGY DISSIPATION OF THE WATER BEING FILTERED.
4. REMOVE ALL WEEDS, GRASS AND OTHER VEGETATION FROM THE AREA WITHIN THE RING.

ROCK FILTER RING  
NOT TO SCALE



1. SHALL BE PROTECTIVE, SHALL BE CONSTRUCTED TO PREVENT FLOW AROUND DAM.
2. THE TOP OF THE RING SHALL BE THE LOWEST POINT TO ALLOW FOR ENERGY DISSIPATION OF THE WATER BEING FILTERED.
3. REMOVE ALL WEEDS, GRASS AND OTHER VEGETATION FROM THE AREA WITHIN THE RING.

RIp RAP FOR FLARED END SECTIONS  
NOT TO SCALE

DEPTH (ft)	LENGTH (ft)	WIDTH (ft)	THICKNESS (ft)	D	F
12	12	4	1	2'-0"	18"
18	18	4	1	2'-0"	18"
24	24	4	1	2'-0"	18"
30	30	4	1	2'-0"	18"
36	36	6	2	5'-0"	24"
42	42	6	2	5'-0"	24"
48	48	6	2	5'-0"	24"
54	54	6	2	5'-0"	24"
60	60	8	3	8'-0"	30"
66	66	8	3	8'-0"	30"
72	72	8	3	8'-0"	30"

**SEED MIX SPECIFICATIONS**

**TYPE 1A, LOW NUTRIENT, SLOTTED CONDITIONS**

SEEDING CAN BE USED FOR TEMPORARY OR PERMANENT STABILIZATION, DISTURBED AREAS OF THE SITE. SEEDING SHOULD BE USED FOR TEMPORARY STABILIZATION OF AREAS WHERE PERMANENT STABILIZATION IS NOT REQUIRED. SEEDING SHOULD BE USED FOR PERMANENT STABILIZATION OF AREAS WHERE PERMANENT STABILIZATION IS REQUIRED. SEEDING SHOULD BE USED FOR PERMANENT STABILIZATION OF AREAS WHERE PERMANENT STABILIZATION IS REQUIRED.

**TYPE 2, BROWN GRASS, MAINTAIN**

SEEDING CAN BE USED FOR TEMPORARY OR PERMANENT STABILIZATION, DISTURBED AREAS OF THE SITE. SEEDING SHOULD BE USED FOR TEMPORARY STABILIZATION OF AREAS WHERE PERMANENT STABILIZATION IS NOT REQUIRED. SEEDING SHOULD BE USED FOR PERMANENT STABILIZATION OF AREAS WHERE PERMANENT STABILIZATION IS REQUIRED.

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**MEADOWOOD ESTATES - PHASE I**  
LOT 1 - MEADOWOOD ESTATES SUBDIVISION  
O'FALLON, ST. CHARLES COUNTY, MISSOURI

MATTHEW A. FERTIG  
PROFESSIONAL ENGINEER  
LICENSE NO. 12726  
STATE OF MISSOURI  
MECHANICAL ENGINEERING

DATE	REVISION
MAY 27, 2019	REVISED
JULY 14, 2020	CITY COMMENTS
DATE	REVISION
	DESIGN TEAM
	PROJECT CONTROL DETAILS
	SHEET
	C14.02
	K&S&P PROJECT NO. 1448