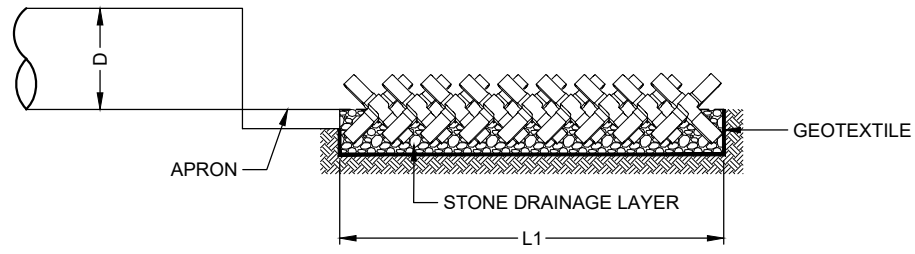


PLAN
N.T.S.



SECTION
N.T.S.

NOTES:

- $D_{PIPE} < 60"$
- IF PIPE HAS NO APRON, ADD ADDITIONAL 3' TO L1
- MANNINGS FOR A-JACKS = 0.1

VELOCITY (FT/S)	LENGTH OF A-JACK APRON (L1)	WIDTH OF APRON (W)
6	2.7D	5.7D
8	3.3D	6.6D
10	4.0D	7.0D
11	4.7D	7.7D
12	5.3D	8.3D

* BASED ON FHWA RIPRAP APRON GUIDANCE AND USBR RIPRAP SIZING.



**ARMORTEC A-JACKS
DISSIPATION DESIGN**

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DATE: 06/25/2019	SCALE: NONE	PROJECT No.:	SEQ. No.:	DRAWN: MEG	CHECKED: DPRIEST
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