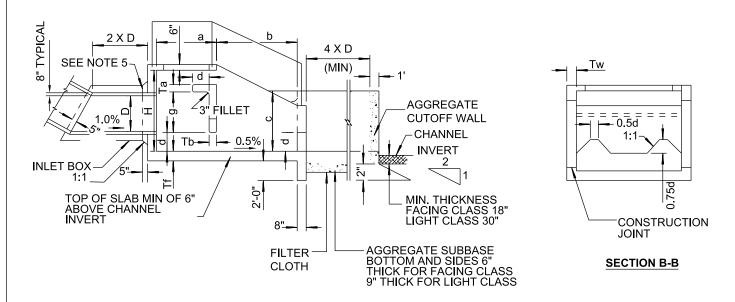


## **PLAN**



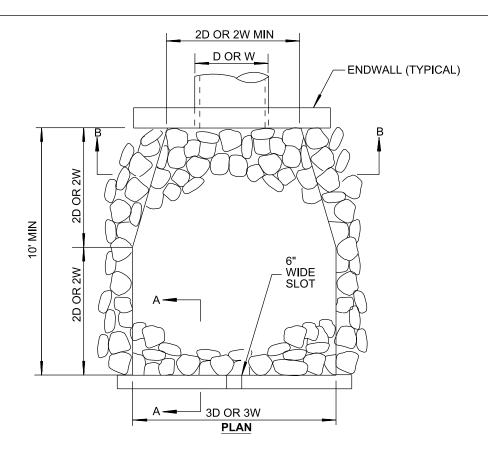
# **SECTION A-A**

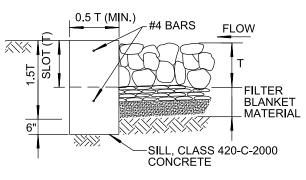
## **NOTES**

SEE TABLE ON SHEET 2 FOR DIMENSIONS, SEE NOTES ON SHEET 2.

SHEET 1 OF 2

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING  RECOMMENDED BY THE C OF SAN DIEGO STANDARDS CO	RECOMMENDED BY THE CITY
ORIGINAL*	KA	J. NAGELVOORT	01/12		OF SAN DIEGO STANDARDS COMMITTEE
UPDATED	BD	J. NAGELVOORT	08/15		Chetungea 12/18/19
UPDATED	AB	J. NAGELVOORT	02/16	CONCRETE ENERGY DISSIPATOR	COORDINATOR R.C.E. 56523 DATE
REDRAFTED	CD	J. NAGELVOORT	09/18		
UPDATED	CG	J. NAGELVOORT	12/19		DRAWING SDD-105
					NUMBER ODD-103





D OR W Z NIN 1

SECTION A-A

### SECTION B-B

### **NOTES**

D = PIPE DIAMETER W = BOTTOM WIDTH OF CHANNEL

- 1. PLANS SHALL SPECIFY:
  A) ROCK CLASS AND THICKNESS (T).
  B) FILTER BLANKET MATERIAL, NUMBER OF LAYERS AND THICKNESS
- 2. RIP RAP SHALL BE EITHER QUARRY STONE OR BROKEN CONCRETE (IF **SHOWN ON THE PLANS**). COBBLES ARE NOT ACCEPTABLE.
- 3. RIP RAP SHALL BE PLACED OVER A GEOTEXTILE FILTER FABRIC. FILTER BLANKET MATERIAL SHALL BE PLACED UNDER THE FABRIC WHEN SPECIFIED.
- 4. SEE WHITE BOOK FOR SELECTION OF FILTER MATERIAL.
- 5. RIP RAP ENERGY DISSIPATORS SHALL BE DESIGNATED AS EITHER TYPE 1 OR TYPE 2. TYPE 1 SHALL BE WITH CONCRETE SILL; TYPE 2 SHALL BE WITHOUT SILL.
- FOR STRUCTURAL DETAILS, SEE D-42 FOR PIPELINE SIZES FROM 18" TO 30" AND SEE D-43 FOR PIPELINE SIZES FROM 36" TO 72".
- 7. FOR RIP RAP SELECTION SEE TABLE 200-1.7 OF THE WHITEBOOK.

				ENERGY DISSIPATOR	DRAWING SDD-104	
REDRAFTED	CD	J. NAGELVOORT	09/18	RIP RAP	OORDINATOR R.C.E. 56523 DATE	
UPDATED	AB	J. NAGELVOORT	02/16	CITY OF SAN DIEGO – STANDARD DRAWING	OF SAN DIEGO STANDARDS COMMITTEE	
ORIGINAL*	КА	J. NAGELVOORT	01/12			
REVISION	BY	APPROVED	DATE		RECOMMENDED BY THE CITY	