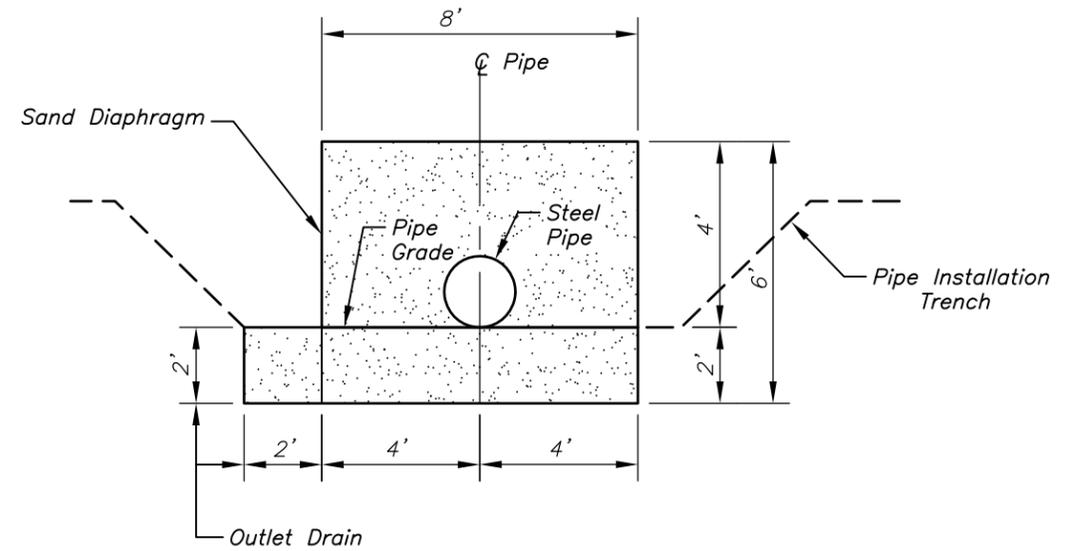
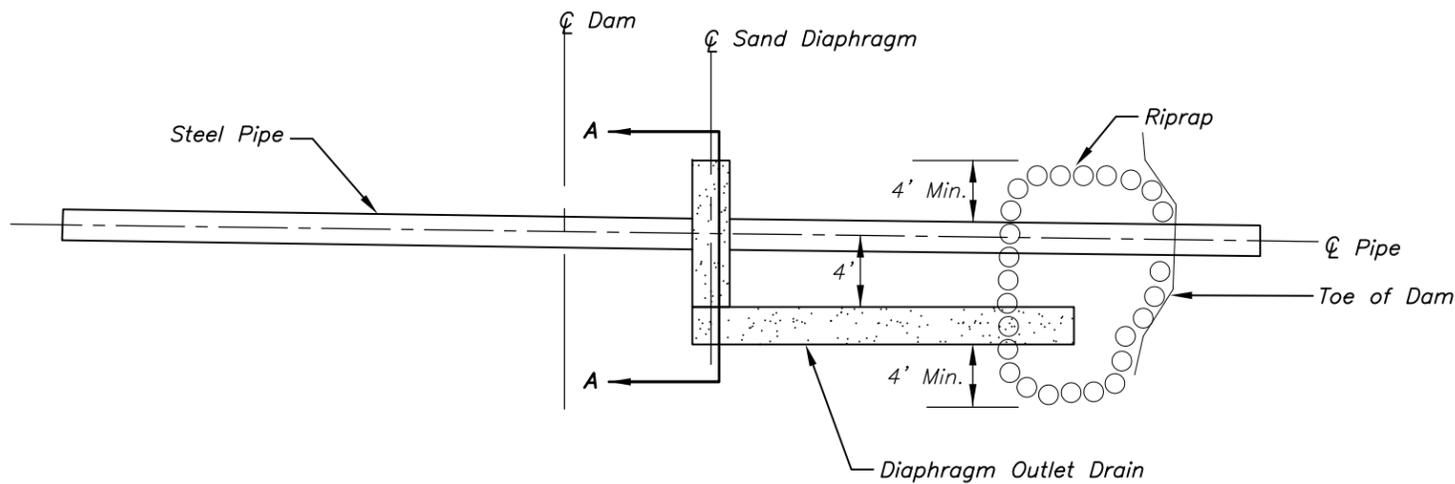


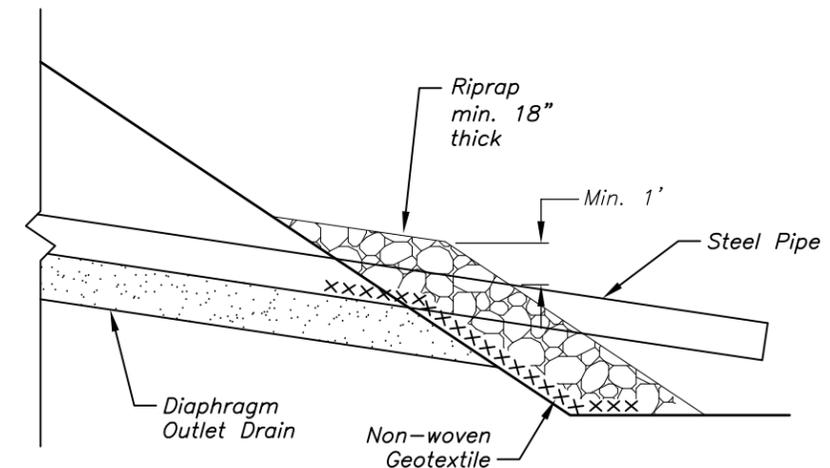
**DIAPHRAGM PROFILE**



**SECTION A-A**



**DIAPHRAGM PLAN**



**OUTLET DETAIL**

FINE DRAINFILL GRADATION*	
Sieve Size	%-Passing
3/8"	100
#4	95-100
#8	80-100
#16	50-85
#30	25-60
#50	5-30
#100	0-10

\*Complies with ASTM C-33 concrete sand.

**NOTES:**

1. Rock riprap shall be reasonably well graded with 50 percent being 9 inches or larger and a maximum size of 15 inches. The riprap shall be equipment placed.
2. Slope of diaphragm outlet drain shall be approximately equal to the pipe slope.
3. This drawing is applicable only to pipes 6" through 12" in diameter.

TABLE 1	
Structure No.	"X"

Date	
Designed	
Drawn	
Checked	
Approved	

**SAND DIAPHRAGM INSTALLATION**



DRAFT  
NOT FOR  
CONSTRUCTION

File Name	
Drawing Name	29-N-121
Sheet	of