

**NOTES:**

Geotextile shall be laid from exit end upstream. At splices the geotextile shall be overlapped a minimum of 18" and pinned to ground. At inlet end and outlet end the geotextile shall be buried in a header trench at least 18" deep. The header trench shall be backfilled with compacted soil. Geotextile shall be non-woven, minimum weight of 14 ounce/square yard and conform to Missouri Construction Specification 753, Geotextile.

Rock shall conform to Type I rock blanket as defined in Section 611 of the Missouri Standard Specifications for Highway Construction or the rock may be sound, durable stone conforming to the following gradation. (Approximate D<sub>50</sub> size of Type I Riprap is 8 inches.):

GRADATION OF ROCK

PERCENT PASSING BY WEIGHT	SIZE (INCHES)
100	2.0 D <sub>50</sub> = _____
50-80	1.4 D <sub>50</sub> = _____
25-50	D <sub>50</sub> = _____ (6" min.)
10-30	.5 D <sub>50</sub> = _____
0-5	.2 D <sub>50</sub> = _____

HALF SECTION OF ISOMETRIC VIEW  
NOT TO SCALE

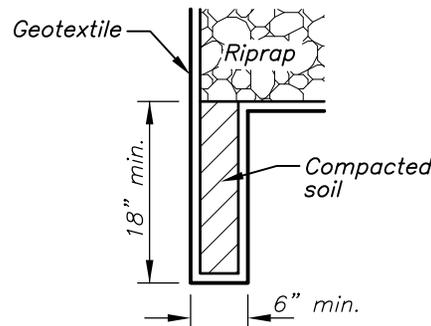
TBM \_\_\_\_\_ Elev. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

ESTIMATED QUANTITIES

- Clearing and Grubbing \_\_\_\_\_ Acres
- Rock for Riprap \_\_\_\_\_ cu. yd.
- Geotextile Fabric \_\_\_\_\_ sq. yd.
- Seeding \_\_\_\_\_ Acres
- Excavation \_\_\_\_\_ cu. yd.



HEADER TRENCH

DRAFT

NOT FOR  
CONSTRUCTION

Date \_\_\_\_\_

Designed \_\_\_\_\_

Drawn \_\_\_\_\_

Checked \_\_\_\_\_

Approved \_\_\_\_\_

**ROCK LINED CHUTES**



File Name \_\_\_\_\_

Drawing Name  
**29-L-316B**

Sheet \_\_\_\_\_ of \_\_\_\_\_