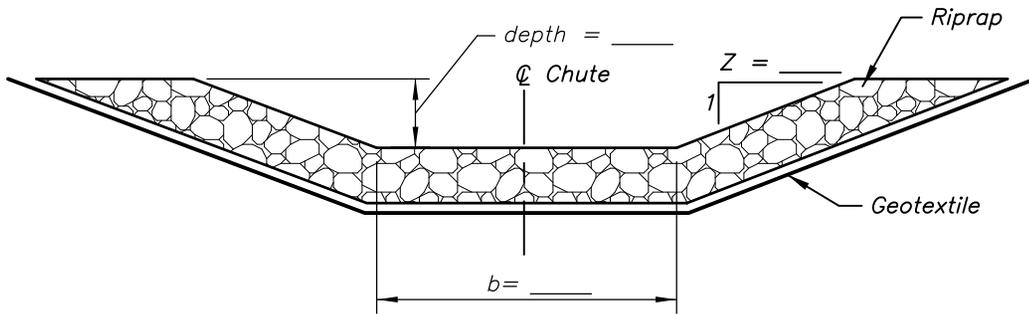


LEGEND

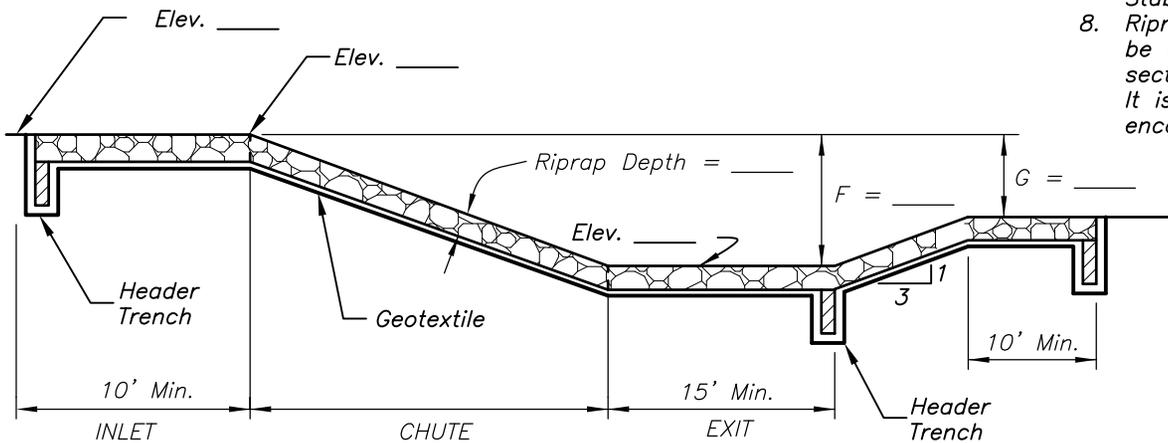
- F - Controlled drop = _____
- G - Vertical Distance from crest to downstream channel = _____
- b_o - Bottom width of chute = _____
- d_c - Entrance apron depth = _____
- d_o - Chute depth = _____
- d_i - Outlet depth = _____
- s_c - Inlet slope = _____
- s - Chute slope = _____

NOTES:

1. Chute slope "S" not steeper than 3:1.
2. Side slopes "Z" not steeper than 2:1.
3. Outlet slope is flat.
4. Provide an auxiliary spillway if feasible.
5. All rock and bedding depths are measured perpendicular to the slope.
6. Minimum riprap depth shall be 2.0 times D_{50} or 12" whichever is larger.
7. For additional details see Missouri Construction Specification 410-A, Grade Stabilization Structure.
8. Riprap, geotextile and header trench may be omitted in the bottom of the exit section where the bedrock is encountered. It is expected that the bedrock may be encountered at elevation _____.



CROSS SECTION OF CHUTE SECTION



PROFILE ALONG CENTERLINE

DRAFT

NOT FOR
CONSTRUCTION

Date	_____
Designed	_____
Drawn	_____
Checked	_____
Approved	_____

ROCK LINED CHUTES



File Name _____

Drawing Name
29-L-316B

Sheet _____ of _____