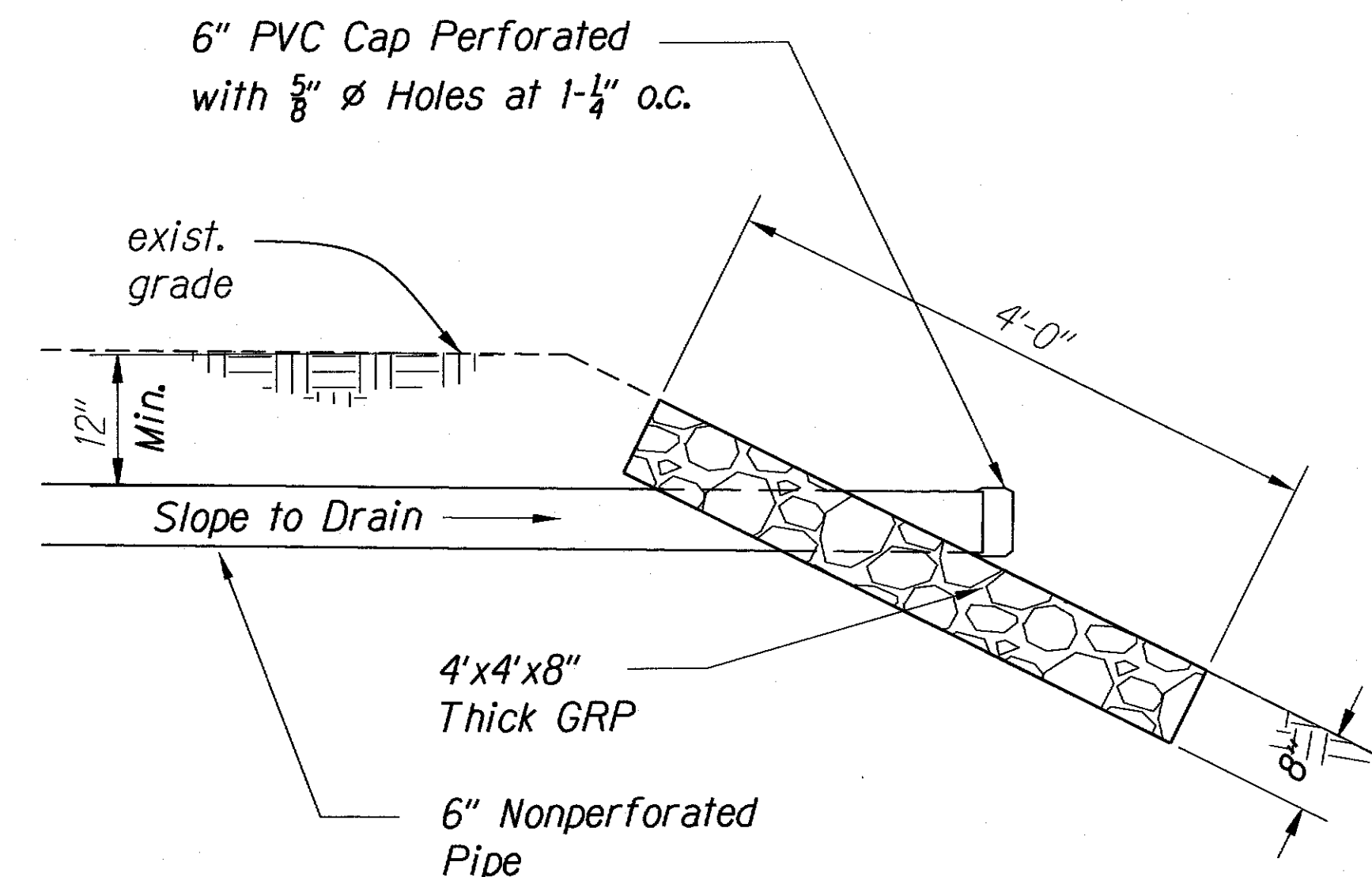
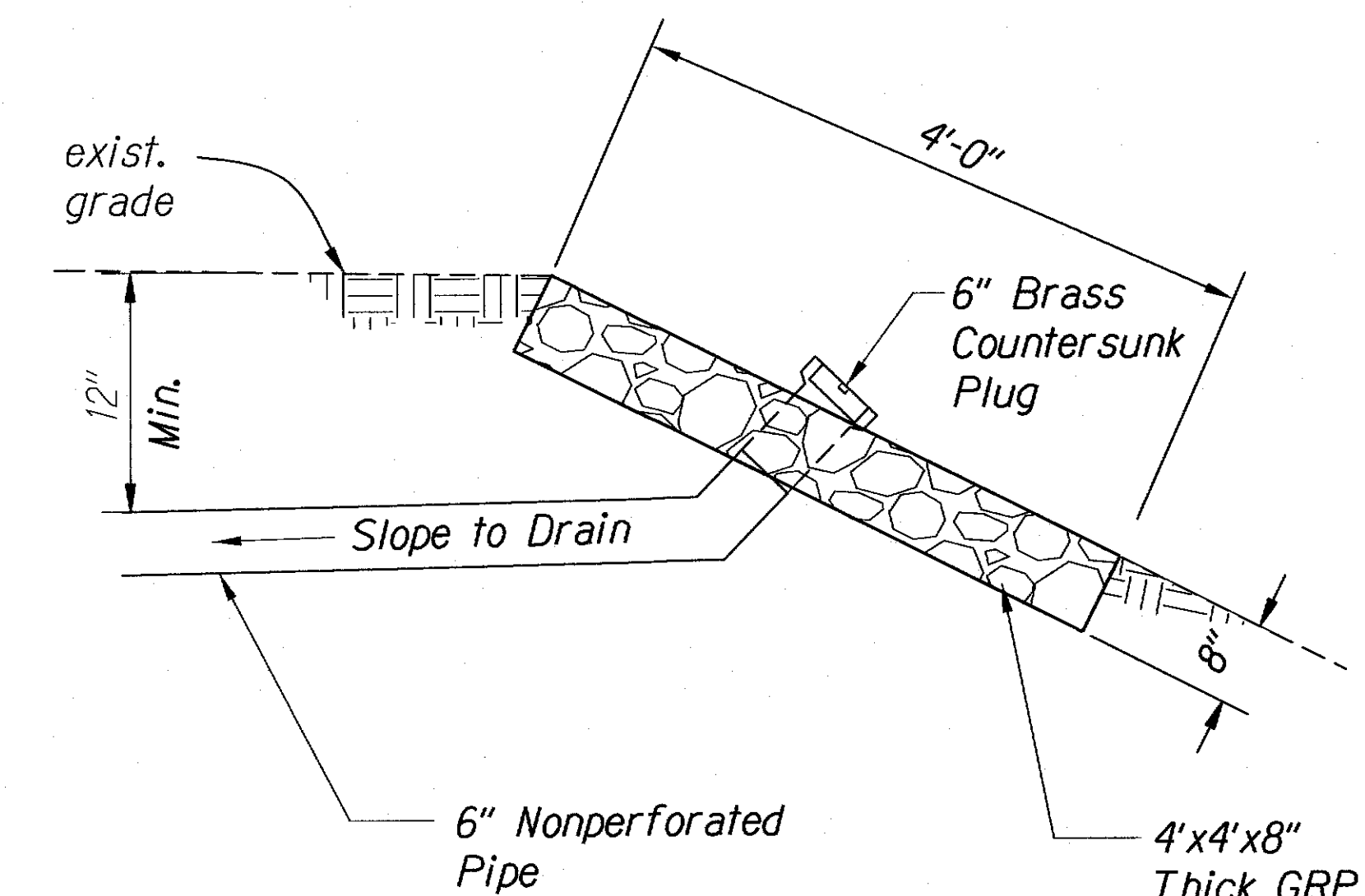


GRP DETAIL
Not to Scale

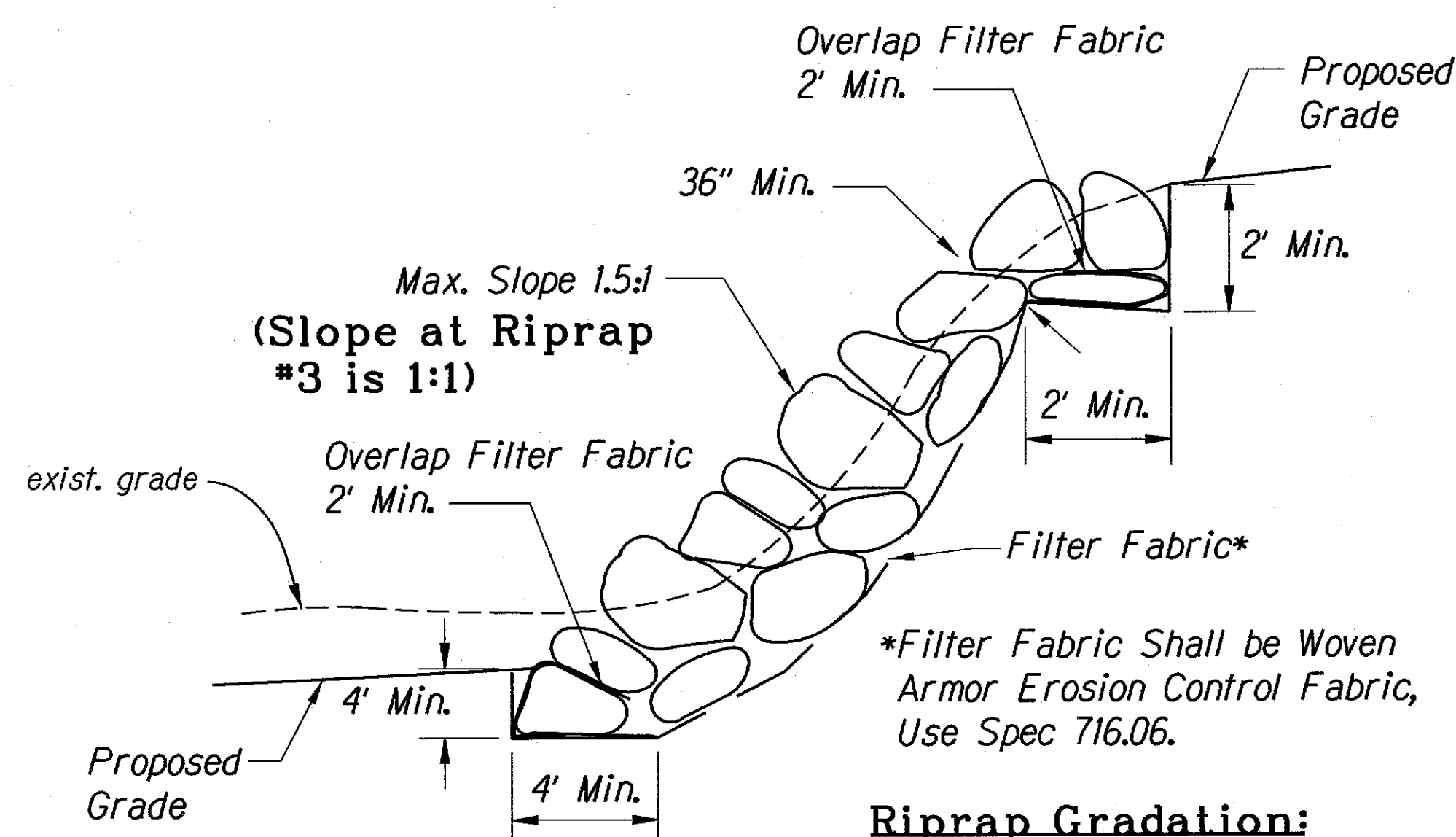
Note:
Contractor Shall Hose Off
All Loose Material Prior To
Mortar Placement.



SUBDRAIN OUTLET DETAIL (DAYLIGHT)
Not to Scale

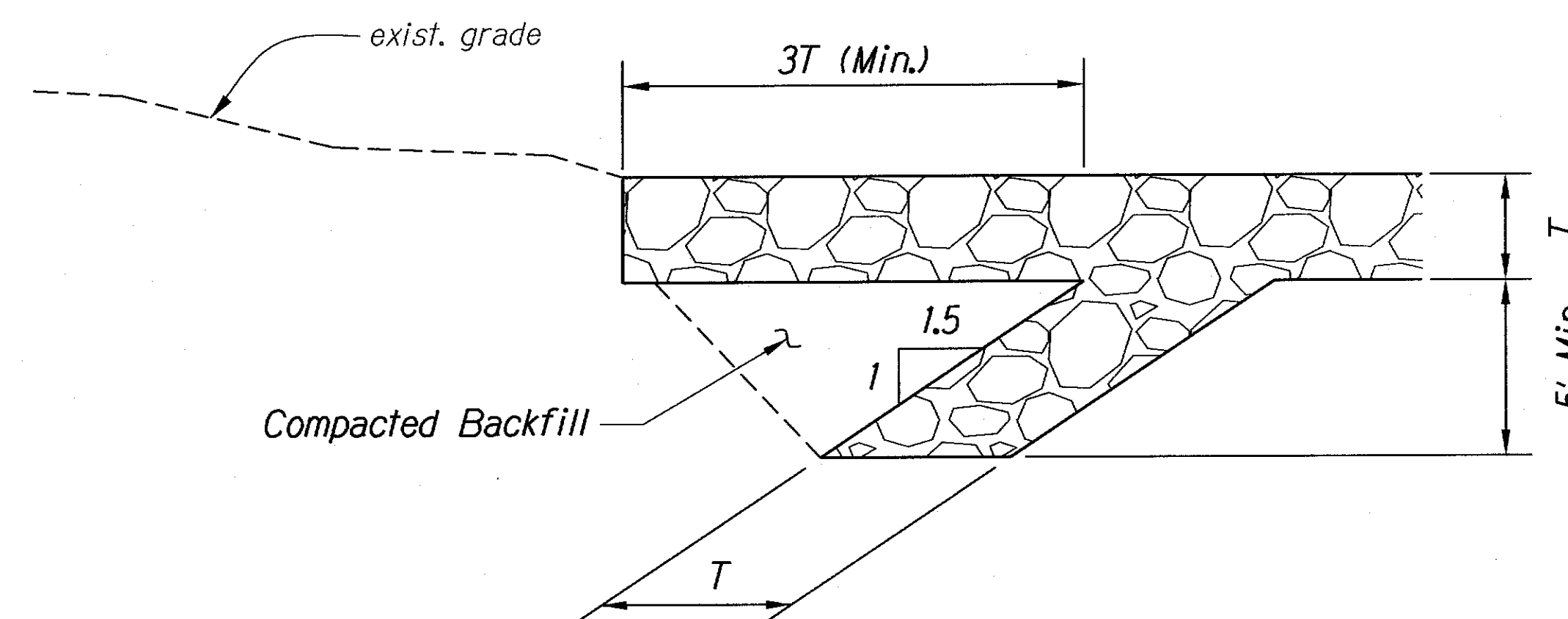


SUBDRAIN CLEANOUT DETAIL
Not to Scale

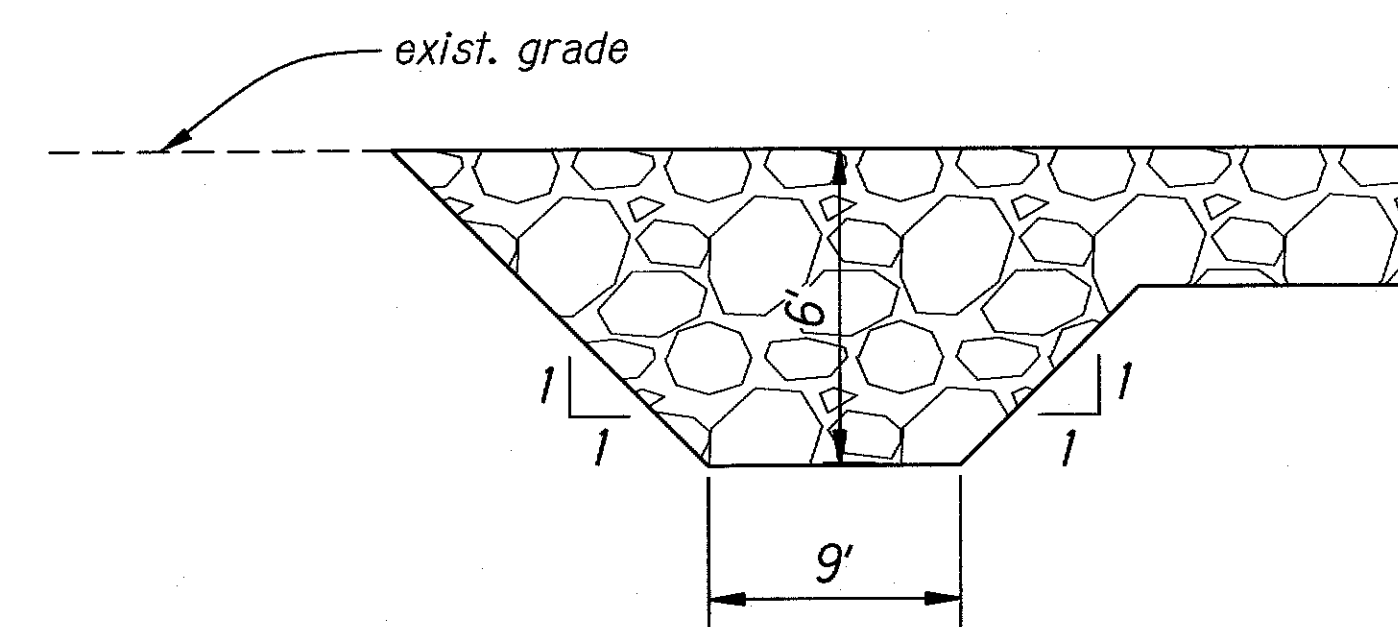


RIPRAP DETAIL
Not to Scale

- Riprap Gradation:**
- ① 1000 LBS (50% Rocks (2000 LBS
 - ② 500 LBS (40% Rocks (1000 LBS
 - ③ 10% Rocks (500 LBS

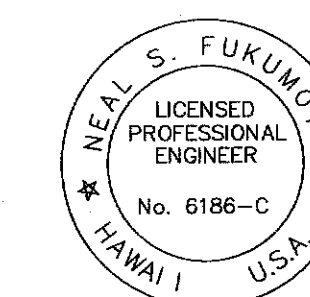


RIPRAP UPSTREAM FLANK SECTION
Not to Scale



RIPRAP DOWNSTREAM FLANK SECTION
Not to Scale

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built



This work was prepared by me or under my supervision.
Exp. 04-30-16

Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

HAWAII BELT ROAD
KAWAILII STREAM BRIDGE REPLACEMENT
Federal Aid Project No. ER-15(3)

Scale: NTS Date: October 2009

SHEET No. 1 OF 1 SHEETS