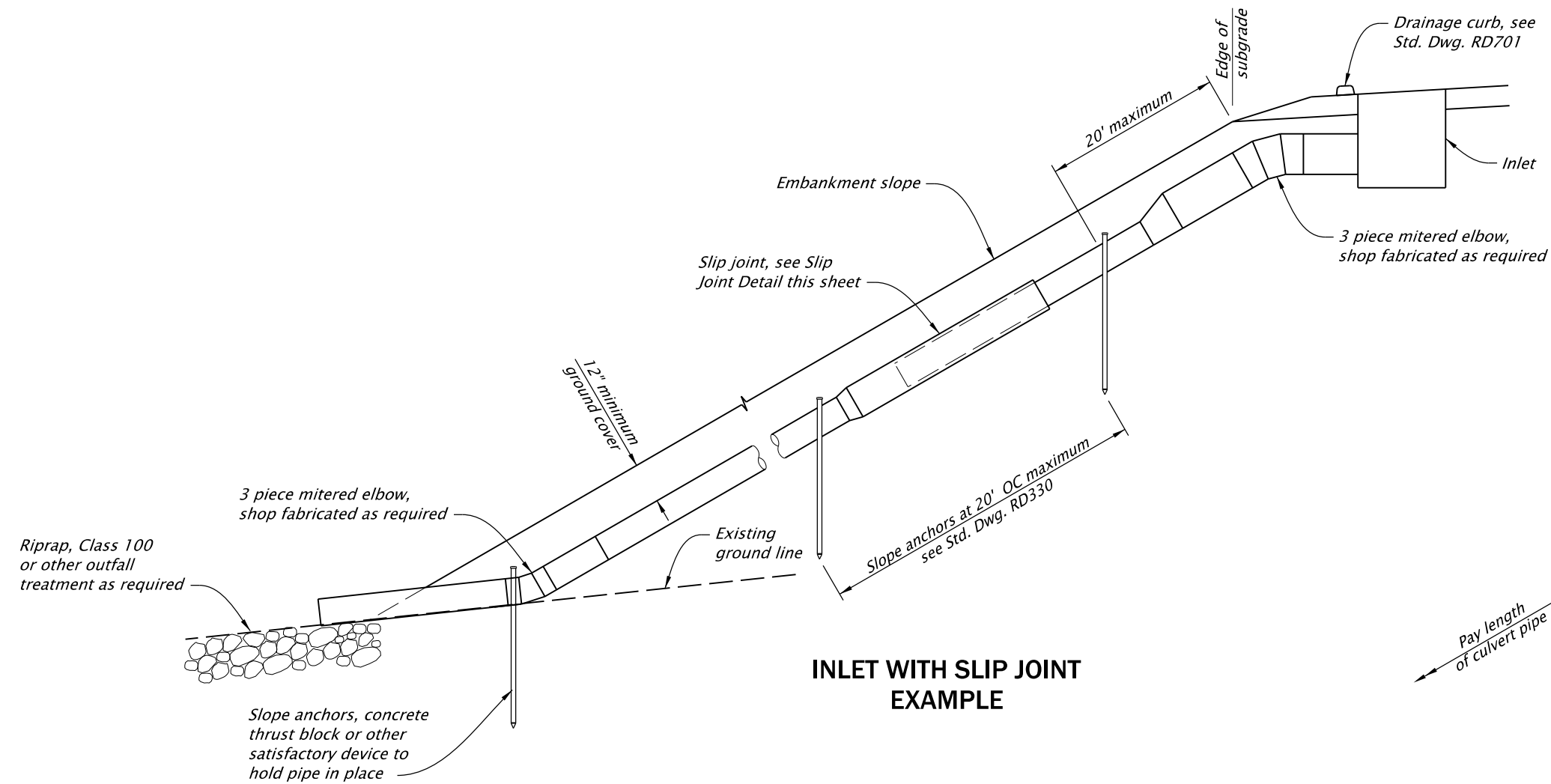
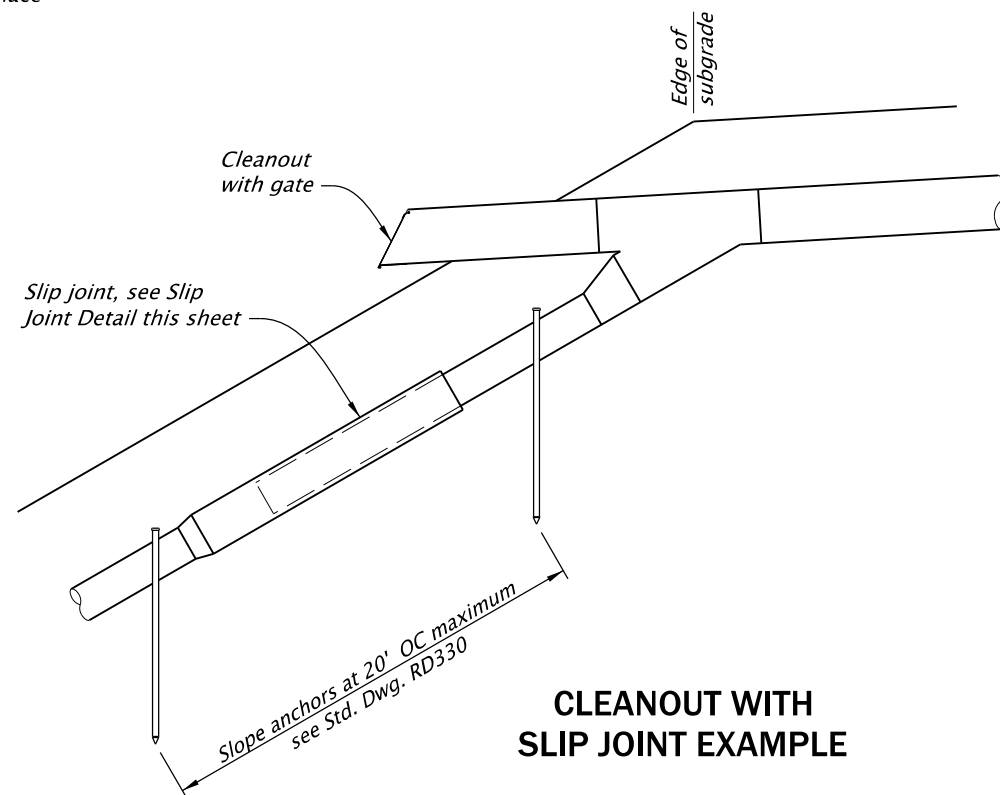




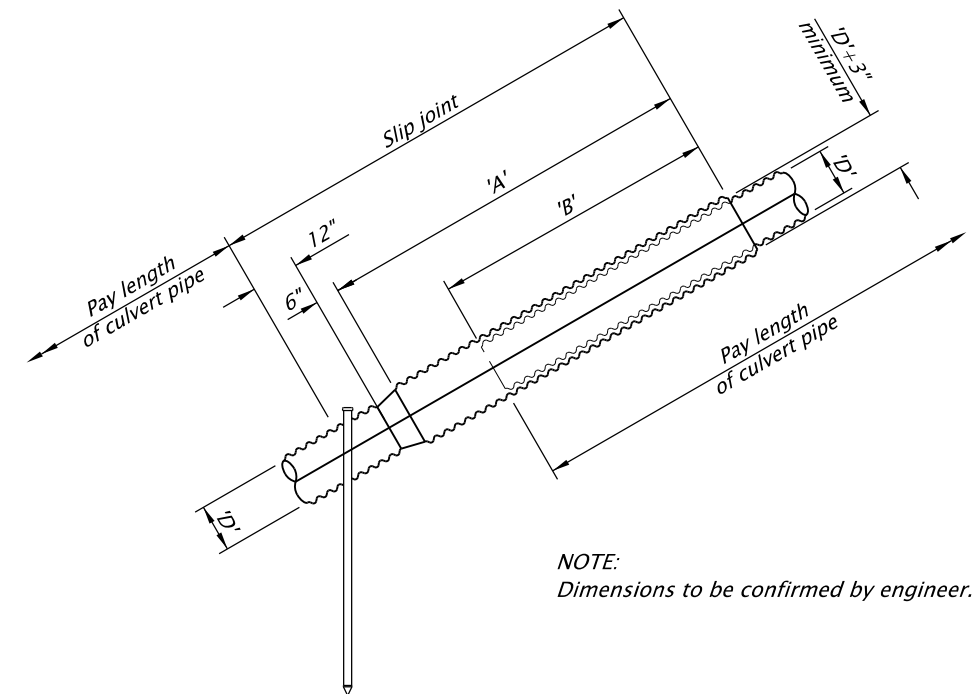
**INLET WITH SLIP JOINT
EXAMPLE**



**CLEANOUT WITH
SLIP JOINT EXAMPLE**

GENERAL NOTES FOR ALL DETAILS THIS SHEET:

1. The slip joint will normally be used only in areas where the design calls for a surcharge, counter balance, or in known slide areas.
2. When the conditions in General Note 1 exist, contact the geotechnical engineer to determine the need for a slip joint if it has not been addressed by the region geologist or locating engineers' narrative.
3. 'D'=pipe diameter. The dimensions 'A' and 'B' are dependent upon the type of embankment to be placed. Nominal measurements are 'A'=8', 'B'=6'. This should be discussed when the need for the slip joint is being determined.
4. The pipe down slope may be uncoated or coated as conditions and policy require. Coating, if required, shall be AASHTO M190 Type A or polymeric coating from the QPL.



NOTE:
Dimensions to be confirmed by engineer.

SLIP JOINT DETAIL

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION



**ENGINEERING AND
TECHNICAL SERVICES BRANCH**

SLIP JOINT

DETAIL NO.

DET1340