



NOTES:

1. REQUIRED ON ALL PIPES WHERE SLOPE EQUALS 20% OR GREATER.
2. PROVIDE EROSION CONTROL AS REQUIRED BY JURISDICTIONAL AUTHORITY.
3. DO NOT USE ANCHORS IN SANDY MATERIAL, UNLESS DIRECTED OTHERWISE BY THE DISTRICT.
4. TIGHT WRAP PIPE WITH 8 MIL. PLASTIC ON DI.
5. ANCHOR PLACED ON THE LOWER SIDE OF THE BELL.
6. FOR HDPE, BUTT FUSE RING TO OUTSIDE OF PIPE DIRECTLY ABOVE ANCHOR LOCATION. FOR C-900, INSTALL A UNIFLANGE DIRECTLY ABOVE OR IN ANCHOR.

MINIMUM ANCHORAGE SPACING:

- NOT OVER 36 FEET CENTER TO CENTER ON GRADES 20 PERCENT AND UP TO 35 PERCENT.
- NOT OVER 24 FEET CENTER TO CENTER ON GRADES 35 PERCENT AND UP TO 50 PERCENT.
- NOT OVER 16 FEET CENTER TO CENTER ON GRADES 50 PERCENT AND OVER.



**CONCRETE ANCHOR FOR
PIPE IN STEEP SLOPES**

DATE: 05-2017

DWG. TBR-5

APPROVED BY: DLH
DISTRICT ENGINEER