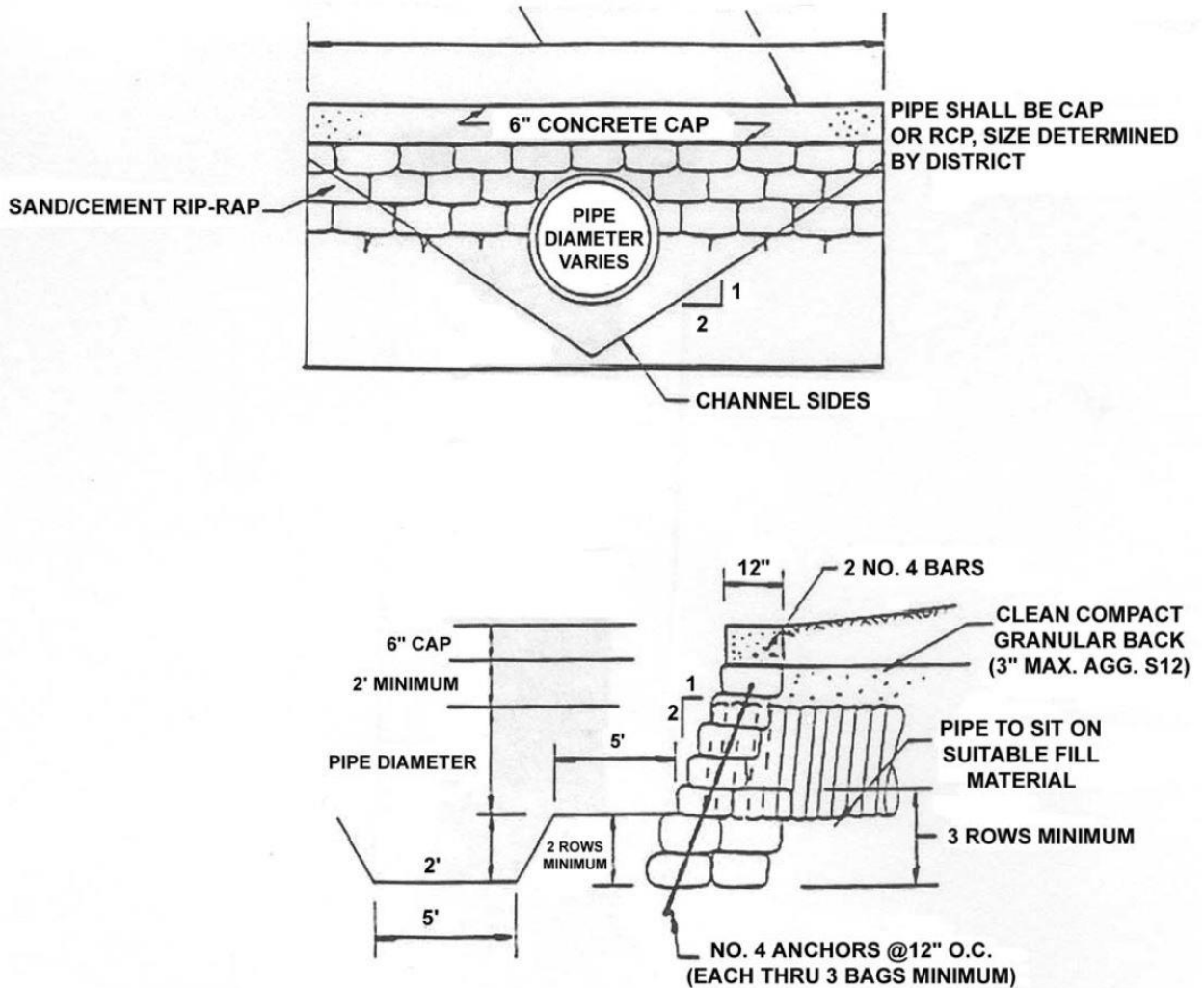


EXHIBIT "H" – HEADWALL DETAIL



1. Owner shall retain a registered professional engineer licensed in the State of Florida to inspect and certify the installation.
2. Owner's engineer shall supply record drawings showing the invert(s), top of headwall, and upstream and downstream cross sections of excavated canal.
3. Headwalls shall include winged endwalls similar to the FDOT "Winged Concrete Endwalls" detail [FDOT Standard Plans Index No. 430-040, latest edition] for precast headwalls or the Town of Davie "Rip Rap Headwall" detail [TOD Standard Paving and Drainage Detail D-6, latest edition] for rip rap headwalls.
4. Pre-cast or cast-in-place concrete headwall may be installed as an alternative to a rip-rap headwall. Owner's engineer shall provide signed/sealed design drawings for the appropriate installation type.
5. For headwalls installed in lakes/lakes, the maximum crown of pipe shall be the District's water control elevation.
6. For headwalls installed in District canals, the top of headwall shall be set at 1' above the District's water control elevation.
7. Provide 1 NAVD88 and 1 NGVD29 stable and permanent benchmark at each headwall in a District Canal. Refer to the CBWCD Criteria Manual for required information.