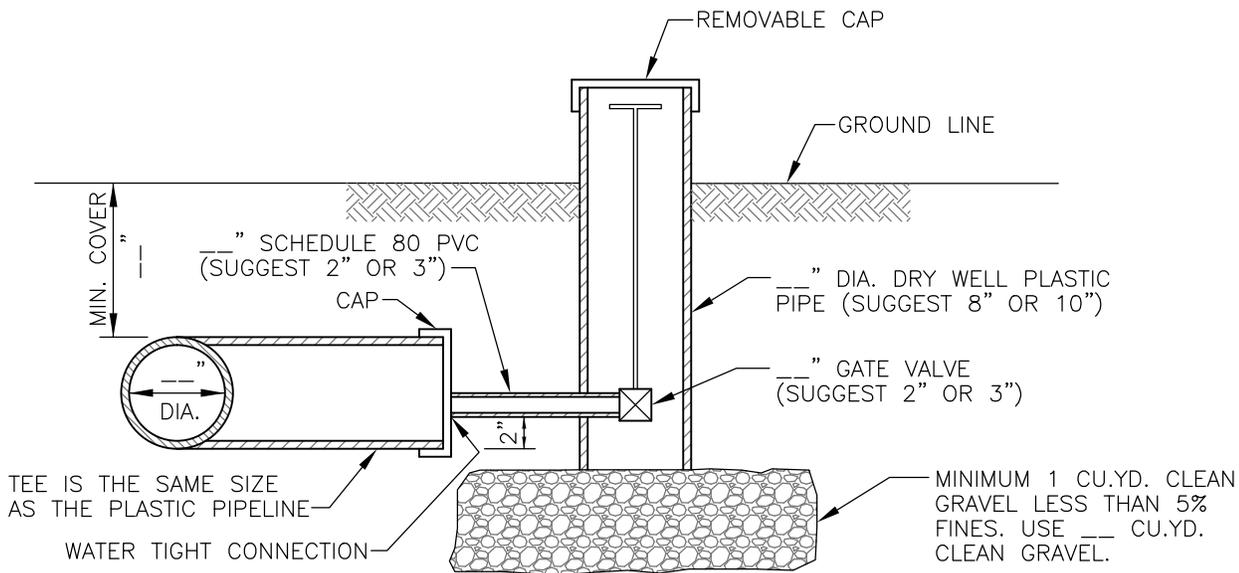


**SECTION ON  $\phi$  – END OF PIPELINE**



**SECTION ON  $\phi$  – LOW IN PIPELINE**

**DESIGN AND CONSTRUCTION NOTES**

1. PROVISIONS SHALL BE MADE FOR DRAINING THE PIPELINE WHERE A HAZARD IS IMPOSED BY FREEZING TEMPERATURES, DRAINING IS RECOMMENDED BY THE MANUFACTURER OF THE PIPE, OR DRAINAGE OF THE LINE IS SPECIFIED FOR ANY REASON.
2. WHERE PROVISIONS FOR DRAINAGE ARE REQUIRED, DRAINAGE OUTLETS SHALL BE LOCATED AT ALL LOW POINTS IN THE LINE.
3. DRAINAGE OUTLETS MAY DRAIN INTO DRY WELLS OR TO POINTS OF LOWER ELEVATION.
4. WHERE PROVISIONS FOR DRAINAGE ARE REQUIRED AND THE LINE CANNOT BE EMPTIED BY GRAVITY, PROVISIONS SHALL BE MADE TO EMPTY THE LINE BY PUMPING OR OTHER MEANS.
5. WHERE PROVISIONS FOR DRAINAGE ARE REQUIRED, AIR INLET VALVES SHALL BE PROVIDED AT SUMMITS IN THE PIPELINE TO PREVENT THE DEVELOPMENT OF NEGATIVE PRESSURES.
6. STANDARDIZED DESIGNS – MUST BE ADAPTED TO THE SPECIFIC SITE.



**DRAIN FOR PLASTIC PIPELINES**

(REVISED LAST ON 10-09)

Designed <u>BEB, AJS</u>	Date <u>8-80</u>	File Name
Drawn <u>DDD</u>	<u>9-09</u>	Drawing Name
Checked <u>BEB</u>	<u>9-80</u>	<u>CO-SSP-72</u>
Approved <u>J.E. ANDREWS</u> S.C.E.	<u>10-09</u>	Sheet 1 of 1