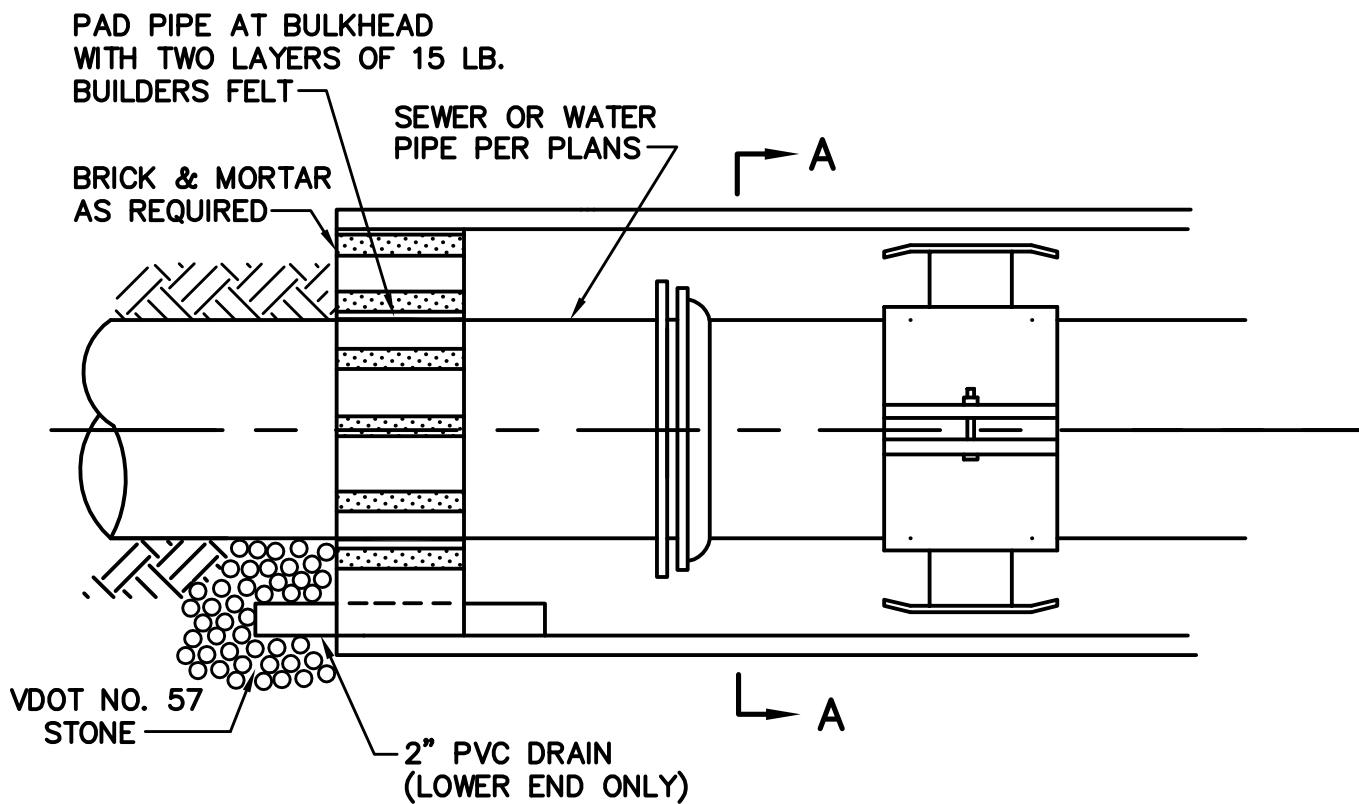
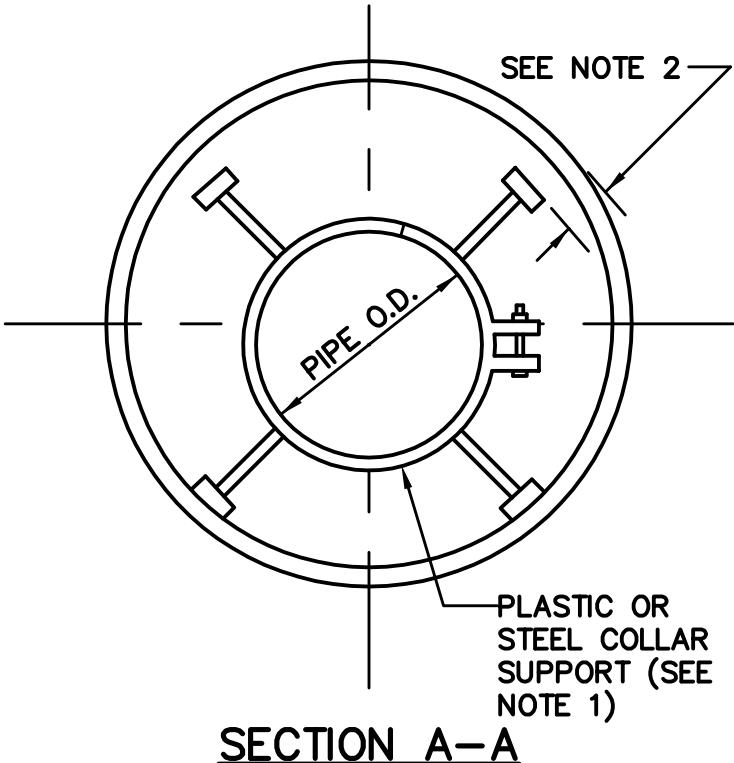


## NOTES

1. SINGLE-PIECE COLLAR SHOWN;  
2-PIECE COLLAR USED FOR CARRIER  
PIPES 18" OR LARGER.
2. DIMENSION AS NECESSARY TO PROVIDE  
MINIMUM CLEARANCE NEEDED TO SLIDE  
PIPE THROUGH CASING.
3. THIS STANDARD APPLICABLE FOR 4"  
DIA. AND LARGER PIPE INSTALLED  
UNDER PRIMARY AND SECONDARY  
HIGHWAYS. FOR LINES SMALLER THAN  
4", USE DUCTILE IRON PIPE FOR  
CASING IF OPEN TRENCH METHOD IS  
UTILIZED FOR INSTALLATION. MODIFY  
INSTALLATION ACCORDINGLY.
4. CORRUGATED METAL PIPE SHALL NOT  
BE USED AS CASING.
5. PVC PIPE REQUIRES SKID MIDWAY  
BETWEEN BELL AND SPIGOT END.  
TOP BLOCK NOT REQUIRED AT THIS  
LOCATION. PROVIDE SHIM TO PROTECT  
PIPE AGAINST STRAP.



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SEALED CASING INSTALLATION  
WITH PLASTIC OR STEEL COLLAR

DATE: 11 AUG 2014  
SCALE: N.T.S.  
DETAIL NO.  
CS-4