

MAXIMUM DISTANCE BETWEEN SPACERS SHALL BE 6 FEET ON CENTER.

SEAL BOTH ENDS OF CASING WITH A MANUFACTURED RUBBER SEALING DEVICE.

PLACE END SPACER MAXIMUM OF 12" FROM END OF CASING (TYP.)

ONE SPACER SHALL BE PLACED ON THE SPIGOT END OF EACH SEGMENT AT THE LINE MARKING THE LIMIT OF INSERTION INTO THE BELL. WHEN THE JOINT IS COMPLETE, THE SPACER SHALL BE IN CONTACT WITH THE BELL OF THE JOINT SO THAT THE SPACER PUSHES THE JOINT AND RELIEVES COMPRESSION WITHIN THE JOINT.

STEEL PIPE CASING (MILL PIPE) OR DUCTILE IRON.

USE 2 STAINLESS STEEL HOSE CLAMPS TO SECURE RUBBER SEAL (1 ON CARRIER PIPE AND 1 ON CASING PIPE).

AWWA CARRIER PIPE: PVC SDR 35, PVC C900/C905, DR 18, OR DI CLASS 52.

CARRIER PIPE DIAMETER	4"	6"	8"	10"	12"
CASING DIAMETER	10"	12"	14"	16"	20"
STEEL CASING THICKNESS	0.25"	0.25"	0.25"	0.25"	0.25"
SPACER BAND WIDTH	8"	8"	8"	8"	8"

NOTES:

1. CASING SPACERS SHALL BE "CENTER POSITIONING" TYPE.
2. FOR CASING SPACERS SPECS SEE S4-24.
3. MINIMUM RUNNER WIDTH SHALL BE 2 INCHES.
4. RUNNER HEIGHT SHALL BE SIZED TO PROVIDE:
 - A. MINIMUM 0.75" BETWEEN CARRIER PIPE BELL AND CASING PIPE WALL AT ALL TIMES.
 - B. MINIMUM 1" CLEARANCE BETWEEN RUNNERS AND TOP OF CASING WALL TO PREVENT JAMMING DURING INSTALLATION.
5. STEEL CASING DIAMETERS ARE "OUTSIDE DIAMETER" FOR 16" AND LARGER.
6. SPACER BAND WIDTH SHALL BE 12" FOR CARRIER PIPES THAT ARE 36" DIAMETER OR GREATER.
7. FOR STEEL CASING, PROVIDE SHOP-APPLIED ANTI-CORROSIVE COATING ON CASING EXTERIOR CONFORMING TO AWWA C210. MINIMUM COATING THICKNESS 16 MILS DFT (DO NOT EXCEED MANUFACTURER'S MAXIMUM THICKNESS). PRODUCT SHALL BE EQUAL TO TNE MEC HI-BUILD TNE-METAR SERIES 46H-413.



City of Bellevue

STORM AND SURFACE WATER UTILITY

TITLE

CASING INSTALLATION