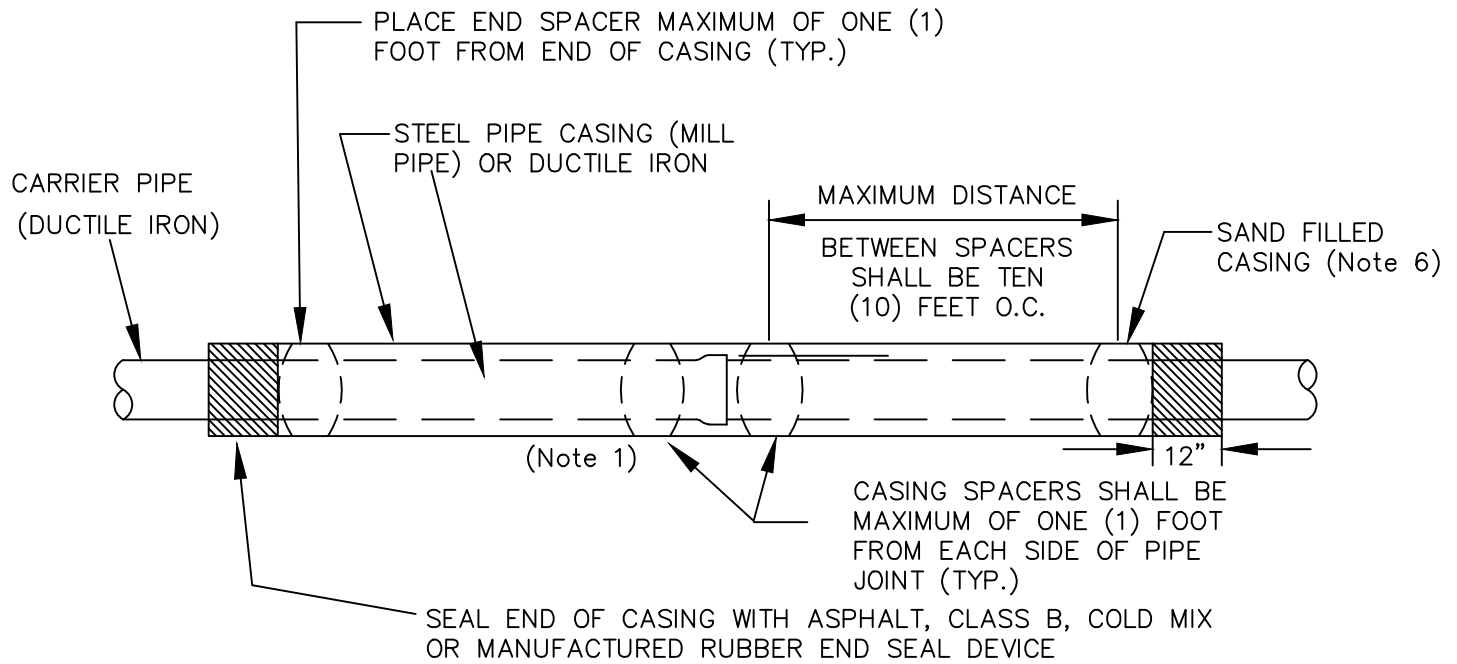




(Note 7)

CASING SPACERS

CARRIER PIPE DIAMETER	4"	6"	8"	10"	12"
CASING DIAMETER (PUSH-ON JOINT CARRIER PIPE)	10"	12"	14"	16"	20"
CASING DIAMETER (MJ/MEGALUG JOINT CARRIER PIPE)	14"	16"	18"	20"	22"*
STEEL CASING THICKNESS	0.25"	0.25"	0.25"	0.25"	0.25"
SPACER BAND WIDTH	8"	8"	12"	12"	12"

* 24" FOR DUCTILE IRON CASING.

ANTICORROSIVE COATING THICKNESS:

CARRIER - 8 MILLS DFT

CASING - 8 MILLS DFT

NOTES:

1. WHEN INSTALLING EARTHQUAKE RESISTENT DUCTILE IRON PIPE (ERDIP) AS A CARRIER PIPE, A METHOD EQUAL TO OR SUPERIOR TO THE "BAND/SPACER" TECHNIQUE DEVELOPED BY KUBOTA SHALL BE USED. THE SELECTED METHOD SHALL ENSURE THAT EACH PIPE JOINT REMAINS IN A NEUTRAL POSITION DURING INSERTION INTO THE HOST PIPE.
2. CASING SPACERS SHALL BE "CENTER POSITIONING" TYPE.
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. NO SAND FILLED CASING IF THE CARRIER PIPE IS AN ERDIP JOINTS PIPE.
7. IF ERDIP IS USED AS THE CARRIER PIPE, SEE NOTE 1.

CITY OF KIRKLAND

PLAN NO. CK-W.07

CASING
INSTALLATION