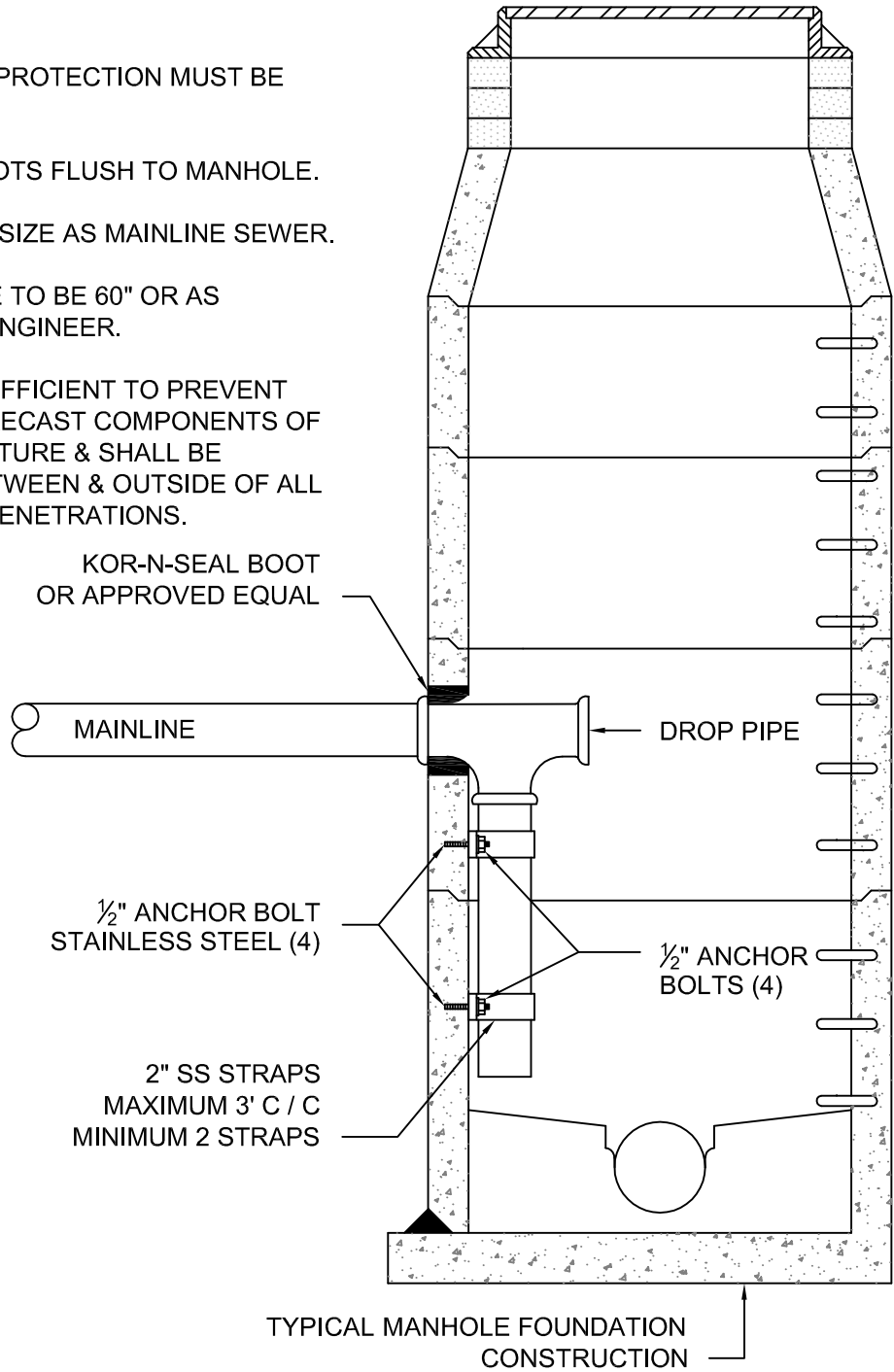


NOTES:

1. COMPLETE CORROSION PROTECTION MUST BE ASSURED.
2. GROUT KOR-N-SEAL BOOTS FLUSH TO MANHOLE.
3. DROP SIZE TO BE SAME SIZE AS MAINLINE SEWER.
4. MANHOLE MINIMUM SIZE TO BE 60" OR AS DETERMINED BY CITY ENGINEER.
5. GROUTING SHALL BE SUFFICIENT TO PREVENT LEAKS BETWEEN THE PRECAST COMPONENTS OF THE COMPLETED STRUCTURE & SHALL BE PERFORMED INSIDE, BETWEEN & OUTSIDE OF ALL RISERS, JOINTS & PIPE PENETRATIONS.



DIA.	WALL THICKNESS	BASE THICKNESS	MAXIMUM KNOCKOUT SIZE	MINIMUM DISTANCE BETWEEN KNOCKOUTS	BASE REINFORCING STEEL in ² /ft. IN EACH DIRECTION	
					SEPARATE BASE	INTEGRAL BASE
48"	4"	6"	36"	8"	0.23	0.15
54"	4.5"	8"	42"	8"	0.19	.019
60"	5"	8"	48"	8"	0.25	.025
72"	6"	8"	60"	12"	0.35	0.24
84"	8"	12"	72"	12"	0.39	.029
96"	8"	12"	84"	12"	0.39	0.29



SANITARY SEWER AND STORM DROP CONNECTION

STANDARD PLAN: SS - 070	CITY ENGINEER APPROVAL:
DATE: FEB. 2008	Longview: C.B.
	Kelso: S.Z.