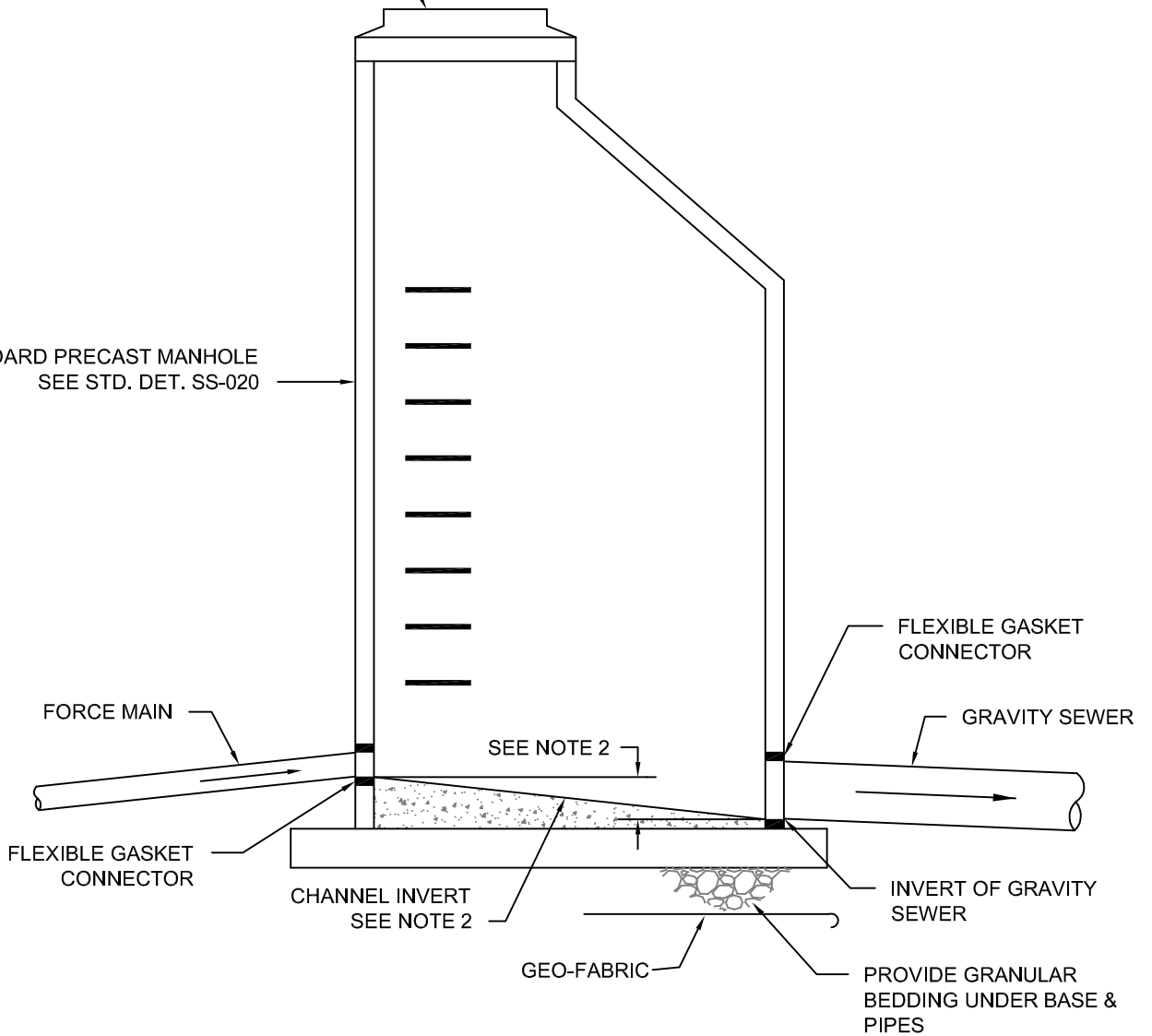


NOTES:

1. ELEVATION OF FORCE MAIN INVERT SHALL BE A MINIMUM 0.1' & MAXIMUM 0.3' ABOVE ELEVATION OF GRAVITY SEWER INVERT.
2. PROVIDE SMOOTH DOWNWARD SLOPING CHANNEL FROM FORCE MAIN TO GRAVITY SEWER.
3. GEOTEXTILE SHALL MEET THE REQUIREMENTS OF SECTION 9-33 & AS NOTED IN THE CITY SPECIAL PROVISIONS HEREIN.
4. 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.

STANDARD WATERTIGHT MANHOLE
FRAME & COVER
SEE STD. DET. SS-090, SS-100 & SS-130

STANDARD PRECAST MANHOLE
SEE STD. DET. SS-020



TRANSITION MANHOLE FORCE MAIN TO GRAVITY SEWER

STANDARD PLAN:
SS - 050
DATE: **FEB. 2008**

CITY ENGINEER APPROVAL:
Longview: **C.B.**
Kelso: **S.Z.**