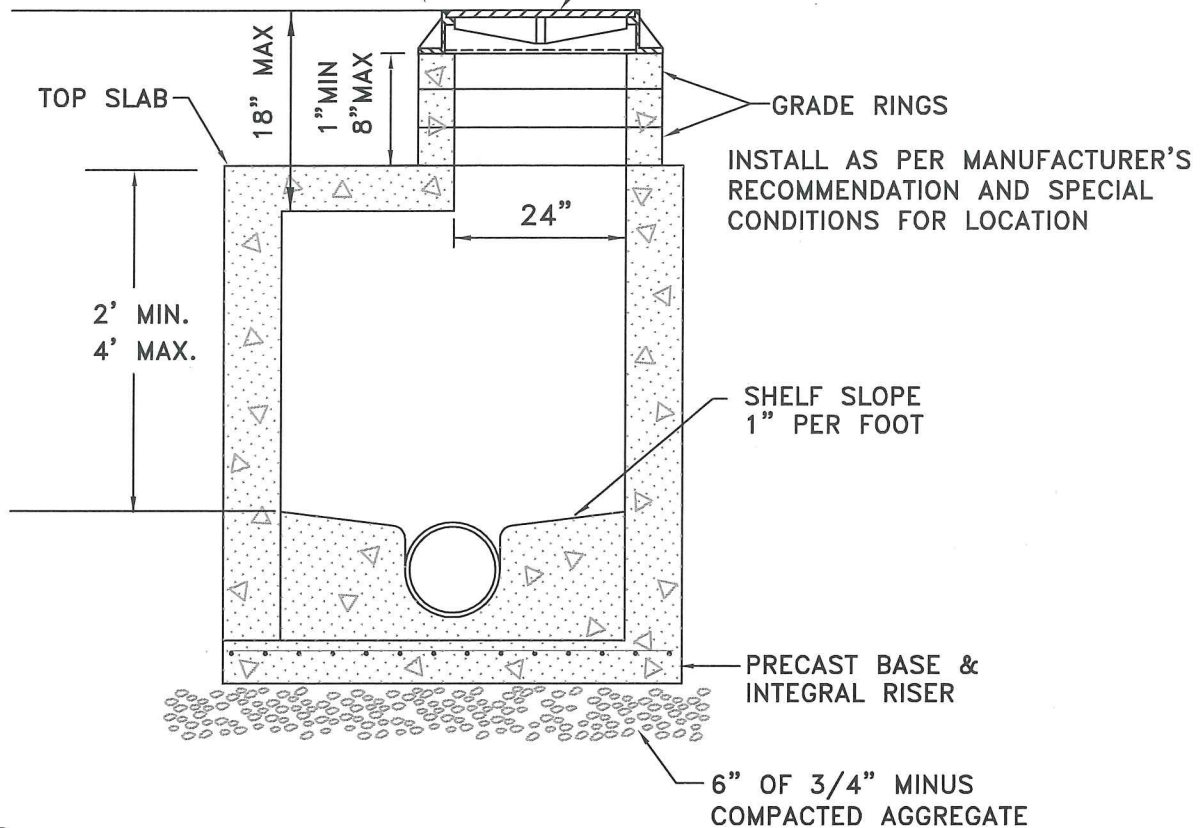


SEE CONCRETE MANHOLE
COLLAR DETAIL, DWG NO. 5-6

SEE MH FRAME & COVER, DWG NO. 5-7
VERIFY "SEWER" UTILITY LABEL LETTERING
ON COVER.



NOTES:

1. INSTALLATION OF FLAT TOP SLABS MUST HAVE WRITTEN APPROVAL FROM CITY ENGINEER.
2. ALL UNITS TO MEET OR EXCEED THE REQUIREMENTS OF ASTM C478/AASHTO M199. JOINTS SHALL BE RUBBER GASKET CONFORMING TO ASTM C443 AND SHALL BE GROUTED FROM THE INSIDE. LIFT HOLES BE GROUTED FROM THE OUTSIDE AND INSIDE OF THE MANHOLE.
3. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM.
4. CONNECTION TO MANHOLE SHALL BE MADE USING RESILIENT CONNECTOR CONFORMING TO ASTM C-923 SUCH AS KOR-N-SEAL, A-LOK OR APPROVED EQUAL.
5. RISERS, UNIT SECTIONS AND THE FRAME SHALL NOT BE MORE THAN ONE INCH OUT OF ALIGNMENT WITH THE MANHOLE BASE; PIPES SHALL BE FLUSH WITH INSIDE EDGE OF MANHOLE.
6. PRESSURE TESTING IS REQUIRED FOR ALL INSTALLATIONS.
7. SEE DWG NO 5-6 FOR CONCRETE MANHOLE COLLAR.

CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT	
WASTEWATER TYPE 1A MANHOLE (SHALLOW MANHOLE)	
APPROVED FOR PUBLICATION <i>Shawn Stubbins</i> 11/2/15 City Engineer	DWG. NO. 5-4