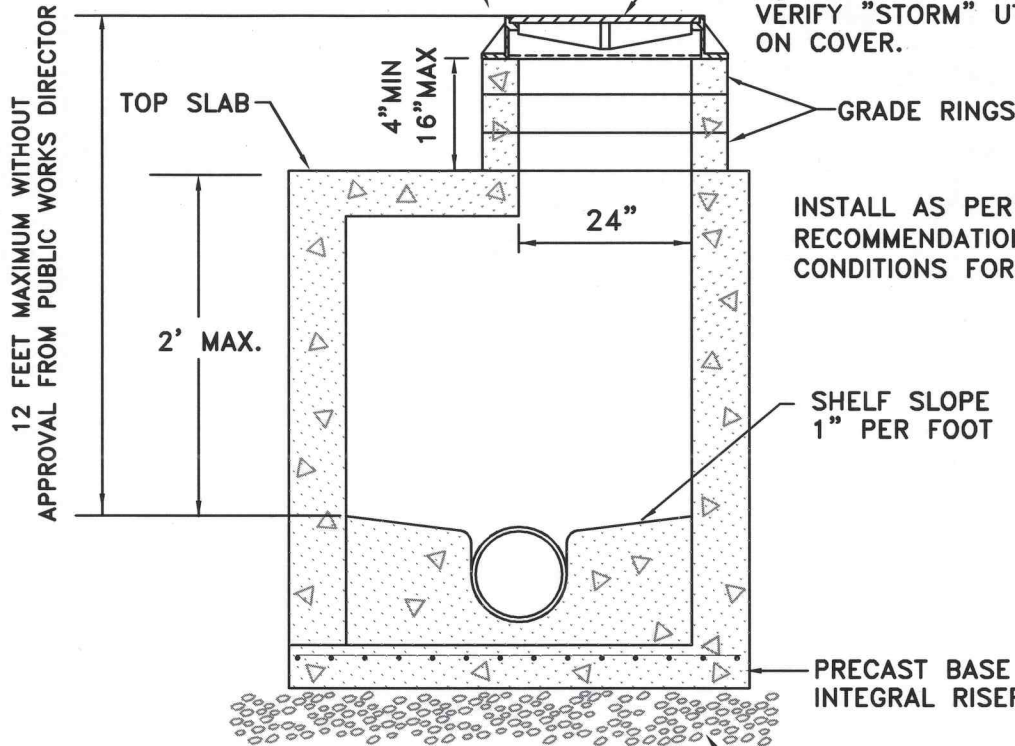


SEE CONCRETE MANHOLE COLLAR DETAIL, DWG NO. 6-4

MANHOLE FRAME (East Jordan Iron Works Product # 00184811) AND COVER (EJIW Product # 00184849) OR BY OTHER MANUFACTURER WILL BE ACCEPTABLE ONLY W/ WRITTEN APPROVAL FROM CITY ENGINEER. VERIFY "STORM" UTILITY LABEL LETTERING ON COVER.



INSTALL AS PER MANUFACTURER'S RECOMMENDATION AND SPECIAL CONDITIONS FOR LOCATION

SHELF SLOPE
1" PER FOOT

PRECAST BASE &
INTEGRAL RISER

6" OF 3/4" MINUS
COMPACTED AGGREGATE
OR SEE NOTE 4.

NOTES:

1. 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.
2. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM
3. CONNECTION TO MANHOLE SHALL BE MADE USING RESILIENT CONNECTOR CONFORMING TO ASTM C-923 SUCH AS KOR-N-SEAL, A-LOK OR APPROVED EQUAL.
4. IF SUMP IS ADDED, THREE 1 1/2" DIA. WEEP HOLES AND 12" OF COMPACTED 5/8" MINUS SHALL BE ADDED UNDER MANHOLE BASE.
5. USE A MINIMUM OF 1/2" OF NON-SHRINK GROUT BETWEEN RISERS, CONE AND FRAME.
6. 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.
7. SEE DWG NO 6-4 FOR CONCRETE MANHOLE COLLAR.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

**STORMWATER
TYPE 1A MANHOLE
(SHALLOW MANHOLE)**

APPROVED FOR PUBLICATION

Shawn Stuber 12/13/10
City Engineer Date

DWG. NO.

6-3