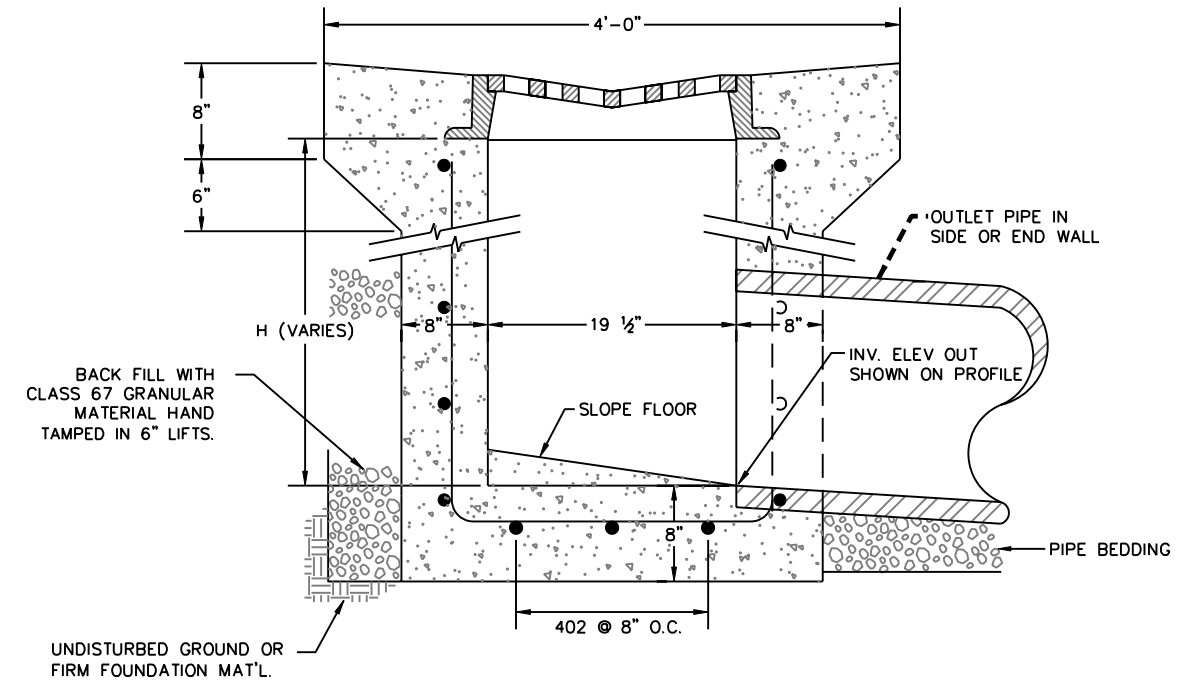
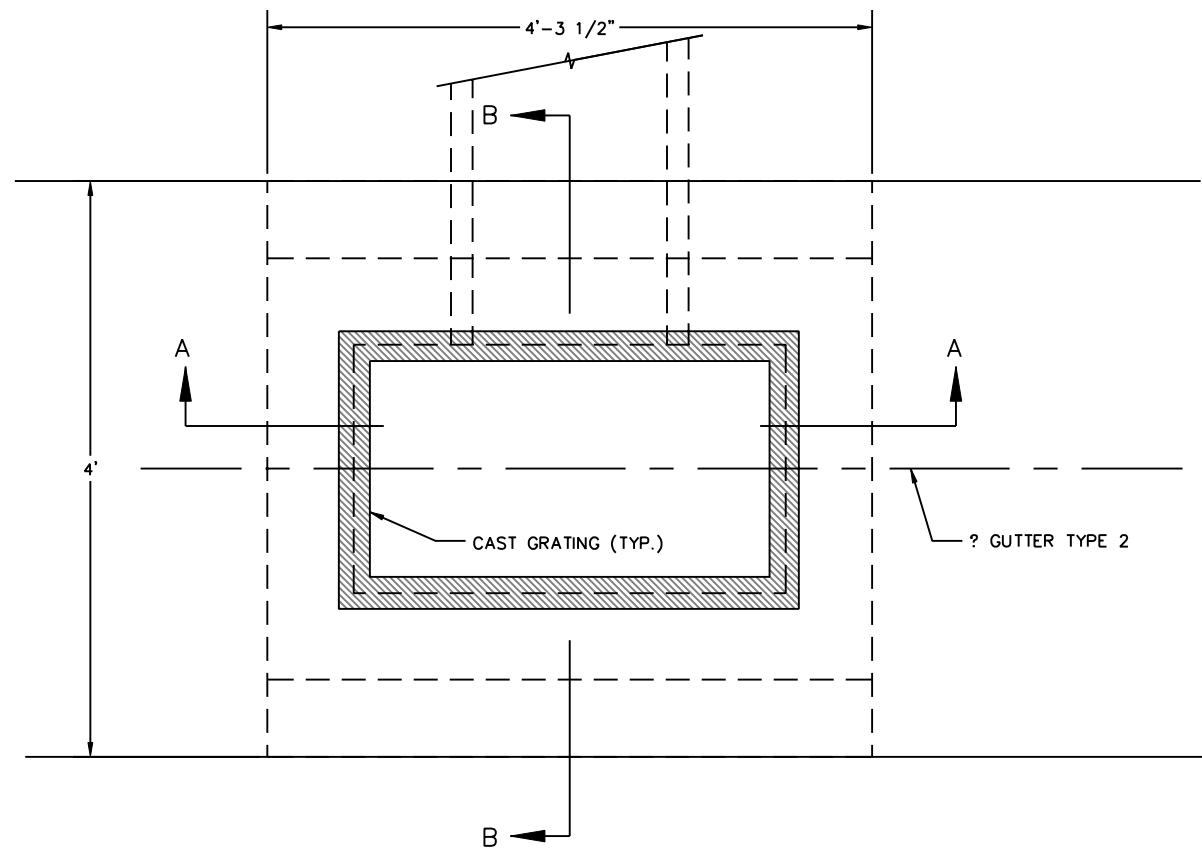


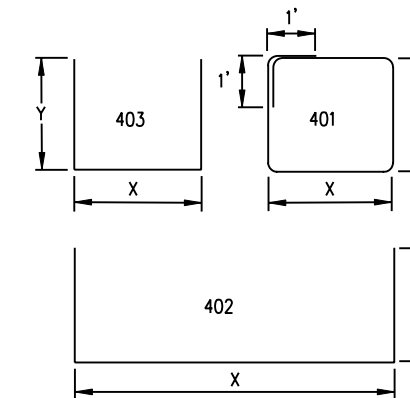
SECTION THRU LENGTH A-A



SECTION THRU WIDTH B-B



PLAN OF TYPE 13 INLET FOR VALLEY GUTTER



ALL DIMENSIONS ARE OUT-TO-OUT OF BAR.

BENDING DIAGRAM

NOTES:

1. CONCRETE SHALL BE CLASS B. INLET MAY BE CAST-IN-PLACE OR PRECAST.
2. CAST-IN-PLACE CONCRETE WALLS SHALL BE FORMED ON BOTH SIDES.
3. EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 3/4 IN.
4. REINFORCING BARS SHALL BE DEFORMED AND SHALL HAVE A 2 IN. MINIMUM CLEARANCE.
5. STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" EXCEEDS 3 FT. - 6 IN. AND SHALL BE IN ACCORDANCE WITH AASHTO M 199.
6. ALL GRATES AND FRAMES SHALL BE GRAY OR DUCTILE CAST IRON CONFORMING TO CITY OF LOVELAND SPEC. 05500. GRATES AND FRAMES SHALL BE DESIGNED TO WITHSTAND HS 20 LOADING.
7. ALL REINFORCING BARS SHALL BE NO. 4 BARS.
8. DIMENSIONS FOR C.I.P. PRECAST WALLS & FLOOR THICKNESS ARE MINIMUM 6"
9. STORM DRAIN MARKER TO BE PROVIDED BY THE CITY OF LOVELAND & INSTALLED PER DIRECTION OF THE CITY.
10. INFORMATION FROM CDOT STANDARD PLAN M-604-13 IS REFERENCED IN THIS DETAIL.

GRATED INLET TYPE 13



CITY OF LOVELAND
PUBLIC WORKS DEPT.
STORMWATER

STORMWATER
CONSTRUCTION
DRAWINGS

APPROVED: KWG
DATE: 8/17/07
DRAWN BY: TBK

DRAWING
SW-2