



- NOTES:**
1. FRAME AND COVER SHALL BE MACHINED OR GROUND AT ALL BEARING SURFACES SO AS TO SEAT FIRMLY AND PREVENT ROCKING.
 2. FRAME & COVER U.S. FOUNDRY NO. 655 490 LBS. TOTAL WEIGHT.
 3. CONCRETE COLLAR IS REQUIRED ONLY WHEN MANHOLE IS OUT OF PAVEMENT IF REQUIRED BY THE DEPARTMENT.
 4. MANHOLE ADJUSTMENTS SHALL BE MADE BY ADDING BRICKS USED TO ELEVATE MANHOLE COVERS TO RESURFACED GRADE (MAX. 4" HEIGHT).


ST JOHNS COUNTY
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
 2740 Industry Center Road
 ST AUGUSTINE, FLORIDA 32084
 Phone (904) 209-0110 • Fax. (904) 209-0140

REVISION
10/09

DESIGN DETAIL
MANHOLE FRAME AND COVER
(30" OPENING)

EFFECTIVE DATE:
 DETAIL NO. **303**
 APPROVED:

 H.P. TOMPKINS, JR., P.E.
 COUNTY ENGINEER