



NOTES:

- 1. FRAME AND COVER SHALL BE MACHINED AND FITTED SO THAT ROCKING AND CHATTERING WILL BE ELIMINATED.
- 2. ALL LIDS SHALL BE SELF-SEALING EXCEPT FOR STORM SEWER.

APPROXIMATE TOTAL WEIGHTS:

R-1550, 9" FRAME AND LID = 238 LBS. R-1689, 4" FRAME AND LID = 272 LBS. R-1920, 83/4" FRAME AND LID = 300 LBS.

THE FOLLOWING NEENAH FOUNDRY CASTINGS (OR EQUAL CASTINGS) SHALL BE ACCEPTABLE:

- 1. A) R-1550, 9" NON-ROCKING ACCESS STRUCTURE FRAME.
 - B) R-1550 TYPE 'B' NON-ROCKING ACCESS STRUCTURE LIDS ONLY WITH CONCEALED PICK HOLES.
- 2. A) R-1689, 4" NON-ROCKING ACCESS STRUCTURE FRAME (WHEN REQUESTED BY THE CITY CONSTRUCTION ENGINEER).
 - B) R-1689 TYPE 'B' NON-ROCKING ACCESS STRUCTURE LIDS ONLY WITH CONCEALED PICK HOLES.
- 3. R-1920, 83/4" ACCESS STRUCTURE FRAME WITH LOCKING LID, TYPE 'F' LOCKS, AND CONCEALED PICK HOLES. TO BE USED IN GREENWAYS AND EASEMENTS.

2004

CITY OF MADISON ENGINEERING DIVISION

SAS FRAME & COVER

STANDARD DETAIL DRAWING 5,7,16