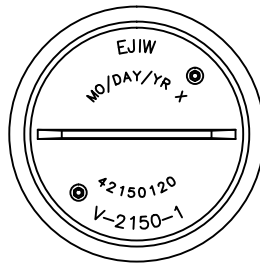
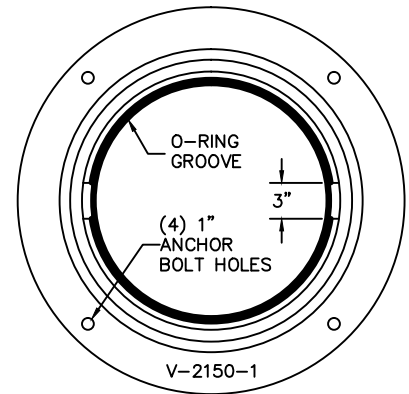




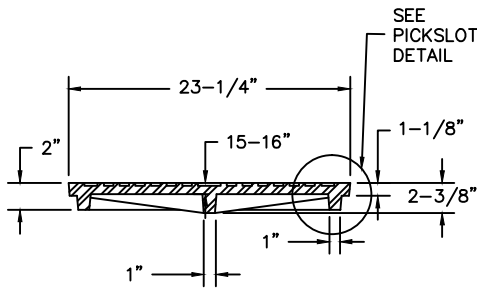
OUTER COVER FACE AND BACK



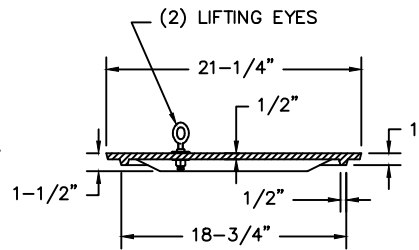
INNER COVER FACE AND BACK



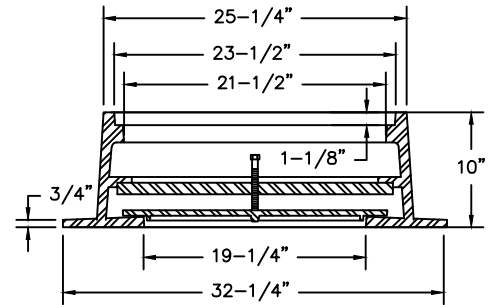
MANHOLE FRAME



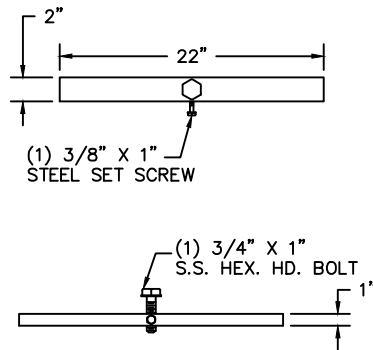
OUTER COVER SECTION



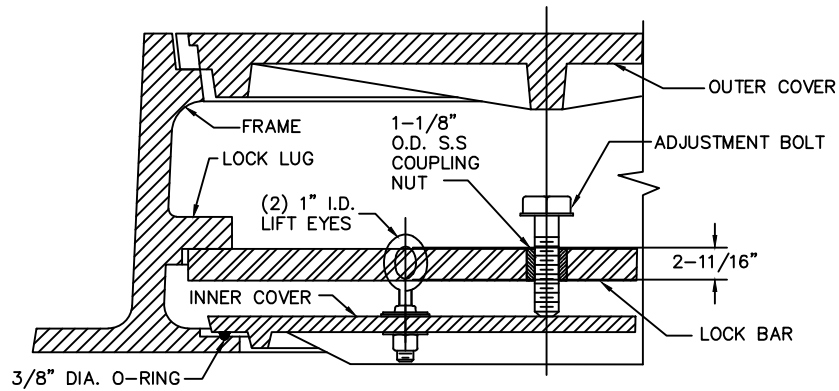
INNER COVER SECTION



FRAME SECTION



STEEL LOCK BAR



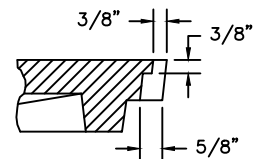
WATERTIGHT LOCKING DETAIL

WATERTIGHT MANHOLE FRAME & COVER

N.T.S.

VULCAN FOUNDRY V-2150-1

NOTE
 MINIMUM WEIGHTS:
 OUTER COVER: 137 LBS
 INNER COVER: 58 LBS
 LOCK BAR: 14 LBS
 RING WEIGHT: 305 LBS
 MINIMUM COMBINED WEIGHT: 514 LBS
 (SEE SPECS FOR ADDITIONAL REQUIREMENTS)



(2) TYPE 1 PICKSLOTS
 IN OUTER COVER ONLY

PICKHOLE DETAIL

SPRINGDALE
 WATER UTILITIES

526 OAK AVENUE • P.O. BOX 769 • SPRINGDALE, ARKANSAS • 72765-0769 • (479) 751-5751

STANDARD DETAILS
 FOR
 WATER AND SEWER CONSTRUCTION

DRAWN BY: JNK

DRAWING NO: S-9

DATE: MARCH 2008