



DATE REVISED  
05-22-2019

**CITY OF MANHATTAN BEACH  
DEPARTMENT OF PUBLIC WORKS**

**MANHOLE FRAME & COVER FOR CATCH BASIN**

APPROVED BY  
*[Signature]*  
PREM KUMAR, CITY ENGINEER

5/28/19  
DATE

STANDARD PLAN NUMBER  
**MBFE-312A-0(ST-7)**

SHEET 1 OF 2

NOTES

1. TRAFFIC RATED FRAME AND COVER SHALL BE GRAY CAST IRON CONFORMING TO THE LATEST A.S.T.M. STANDARD A48, CLASS 35B. ANTI-SIEZE LUBRICANT MUST BE APPLIED TO SET SCREWS BEFORE INSTALLATION.
2. INSTALL TWO 3/4" x 3/4" ALLEN SOCKET SET SCREWS, 90° TO PICK HOLE, IN HOLES DRILLED AND TAPPED 1" IN DEPTH.
3. ALL PARTS OF THE FRAME AND COVER EXCEPT MACHINED SURFACES SHALL BE BITUMINOUS PAINTED BY FOUNDRY.
4. FRAME AND COVER SHALL BE TESTED FOR ACCURACY OF FIT AND SHALL BE MARKED IN SETS BEFORE DELIVERY.
5. FRAME AND COVER SHALL BE POSITIONED SUCH THAT THE IDENTIFICATION LETTERING IS PARALLEL WITH AND READABLE FROM STREET SIDE OF CURB.
6. WEIGHT OF FRAME SHALL BE 30 POUNDS. WEIGHT OF COVER SHALL BE 85 POUNDS. ACTUAL WEIGHT SHALL BE WITHIN A RANGE OF 95% TO 110%.



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