

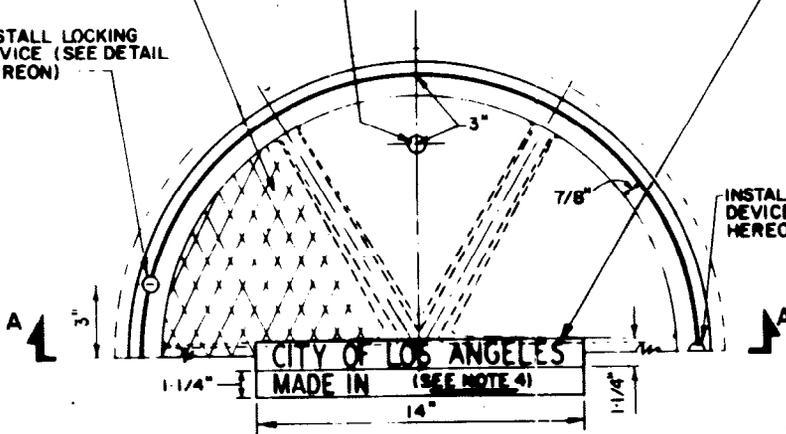
DRILL AND TAP HOLE AND INSTALL 3/4" X 1 1/4" STAINLESS STEEL SOCKET SET SCREW WITH 3/8" RECESSED HEX HOLE. ALL THREADS TO BE N.C.

3/4" DIA. PICK HOLE

2" X 1" DIAMOND MAT 1/8" DEEP

INSTALL LOCKING DEVICE (SEE DETAIL HEREON)

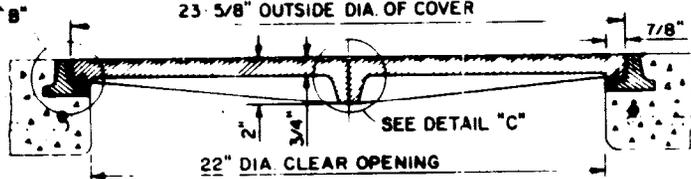
2 LETTERS 1" HIGH. NO OTHER INSCRIPTION TO APPEAR ON EXPOSED SURFACES UNLESS IMPORTED PRODUCT. SEE NOTE 4.



2 HALF PLAN

23 5/8" OUTSIDE DIA. OF COVER

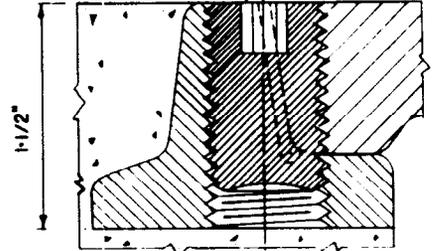
SEE DETAIL "B"



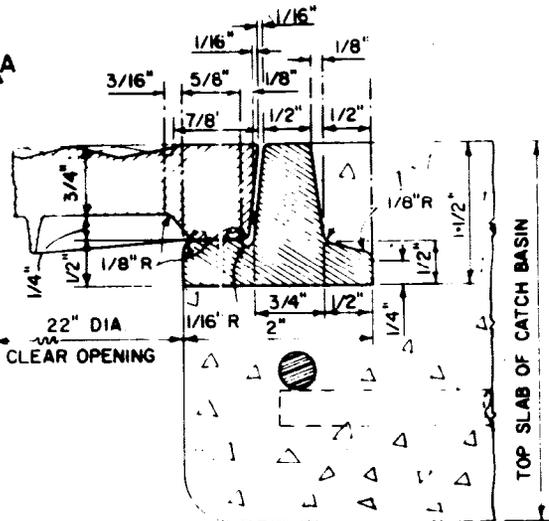
SECTION A-A

22" DIA CLEAR OPENING

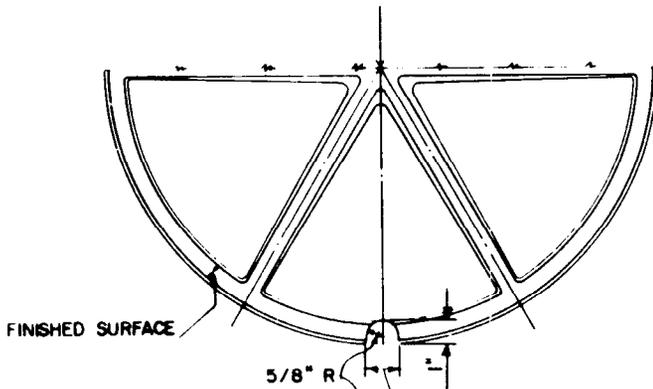
SEE DETAIL "C"



LOCKING DEVICE



DETAIL "B"



GAP IN RIM OF COVER OPPOSITE PICK HOLE

2 HALF BOTTOM OF MANHOLE COVER

OUTLINE WHERE RIB JOINS RIM

OUTLINE WHERE RIBS JOIN

3/8" 3/4" 3/8" SAME ANGLE THROUGHOUT

DETAIL "C"

DEPARTMENT OF PUBLIC WORKS

BUREAU OF ENGINEERING

CITY OF LOS ANGELES

CATCH BASIN MANHOLE FRAME AND COVER
22-INCH DIAMETER

STANDARD PLAN
S-346-2

SUBMITTED <i>May 9 1990</i>		
<i>[Signature]</i> ENGINEER OF DESIGN		
<i>[Signature]</i> DEPUTY ENGINEER		
APPROVED <i>May 7 1990</i>		
<i>[Signature]</i> CITY ENGINEER		
DESIGNED BY	DRAWN BY	CHECKED BY
RGC	RGM	RGS



REVISIONS	
NO	DESCRIPTION
2	REVISED NOTES, ADDED NOTES 4, 5 AND 6.

SUPERSEDES	REFERENCES
B-4052	
VAULT INDEX NUMBER B-4113	
SHEET 1 OF 2 SHEETS	

NOTES

1. FRAME AND COVER SHALL BE CAST IRON CONFORMING TO SECTION 206-3 OF THE STANDARD SPECIFICATIONS.

2. WEIGHT OF FRAME SHALL BE 30 LBS. \pm 5%. WEIGHT OF COVER SHALL 85 LBS \pm 5%.

3. A FOUNDRY MARK SHALL BE LOCATED ON THE BOTTOM OF THE COVER AND THE INSIDE OF THE FRAME.

4. FRAMES OR COVERS IMPORTED INTO THE UNITED STATES SHALL BE MARKED ON THE TOP SURFACE WITH THE ENGLISH NAME OF THE COUNTRY OF ORIGIN PRECEDED BY "MADE IN" BY MEANS OF CAST-IN-MOLD LETTERING. SUCH LETTERING SHALL BE 1 INCH HIGH WITH LINE WIDTH OF 1/8 INCH ON COVERS AND 3/8 INCH HIGH WITH LINE WIDTH OF 1/8 INCH ON THE TOP SURFACE OF THE UPPER PORTION OF THE FRAME WHICH REMAINS EXPOSED. ETCHING, DIE STAMPING, ENGRAVING OR WELDING ON OF LETTERS WILL NOT BE ACCEPTED.

5. THE PROOF-LOAD FOR TEST METHOD B, SUBSECTION 206-3.2 OF THE STANDARD SPECIFICATIONS IS 28,600 POUNDS.

6. FOR THOSE MANHOLES OR STRUCTURES DESIGNATED AS "PRIVATE" ON THE PLANS OR SPECIFICATIONS THE THE WORD "PRIVATE" SHALL BE SUBSTITUTED FOR "CITY OF LOS ANGELES".