SECTION A-A

Typical-Grind outside surface flush

SECTION B-B

1/4" x 2 1/2" Headed Stud (Typical)
Full Penetration Weld

PLAN

COVER DETAIL

END VIEW

FRAME DETAIL

LOCKING AND LIFTING ASSEMBLY - See Detail on Sheet 2.

STEEL PLATE

1/16" PLATE (Typical)

ELIMINATE CENTER STUDS on Type A

L 3" x 2" x 1/16"

ADDED NOTES 8, 9, AND 10

BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY OF LOS ANGELES

CATCH BASIN RECTANGULAR MANHOLE
FRAME AND PAN COVER

STANDARD PLAN
S-345-2

SUBMITTED: April 25, 1990

APPROVED: May 24, 1990

DEPARTMENT OF PUBLIC WORKS
CITY OF LOS ANGELES

REVISIONS

SUPERSEDES

REFERENCES

ADDENDUM INDEX NUMBER B-4112
LOCKING AND LIFTING ASSEMBLY

IDENTIFICATION PLATE
NOTES

1. FRAME AND COVER SHALL BE TYPE A UNLESS OTHERWISE SPECIFIED.

2. MANHOLE FRAME AND COVER SHALL BE SHOP FABRICATED AS ONE UNIT AND IDENTIFIED AS SUCH.

3. STEEL COVER SHALL BE FORMED FROM ONE PIECE.

4. GALVANIZE ALL EXPOSED METAL PARTS AFTER WELDING IS COMPLETE.

5. PAN COVER SHALL BE FILLED WITH THE SAME MATERIAL AS THE TOP SLAB OF THE CATCH BASIN UNLESS OTHERWISE SPECIFIED.

6. THE IDENTIFICATION PLATE OR PLATES, NOT EXCEEDING FIVE PER PROJECT, MAY BE OBTAINED AT NO COST TO THE CONTRACTOR FROM THE GENERAL SUPERINTENDENT, DEPARTMENT OF PUBLIC WORKS, BUREAU OF SANITATION, WASTEWATER COLLECTION SYSTEMS DIVISION AT 2335 DORRIS PLACE, LOS ANGELES, CA., 90031 UPON PRESENTATION OF A MEMORANDUM SIGNED BY A DISTRICT ENGINEER OF THE BUREAU OF ENGINEERING AUTHORIZING ITS RELEASE. FOR PROJECTS REQUIRING MORE THAN FIVE PLATES, THE CONTRACTOR SHALL BORROW THE CITY'S MASTER AVAILABLE FROM THE CITY ENGINEER AND PRODUCE THE PLATES AT HIS OWN COST.

7. THE IDENTIFICATION PLATE SHALL BE CENTERED IN THE CURB AT THE CENTER LINE OF THE CATCH BASIN AND READ PARALLEL WITH THE CURB AND FACING THE ROADWAY.


9. 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 SIMILAR TO IDENTIFICATION PLATE HEREON. SUCH LETTERING SHALL BE 1 INCH HIGH WITH LINE WIDTH OF 1/8 INCH. ETCHING, DIE STAMPING, ENGRAVING OR WELDING ON OF LETTERS WILL NOT BE ACCEPTED. COUNTRY OF ORIGIN PLATE SHALL BE CENTERED IN THE CURB, 6 INCHES TO THE RIGHT OF THE IDENTIFICATION PLATE.

10. FOR THOSE MANHOLES OR STRUCTURES DESIGNATED AS "PRIVATE" ON THE PLANS OR SPECIFICATIONS THE WORD "PRIVATE" SHALL BE SUBSTITUTED FOR "CITY OF L.A.".