



**WELDED STEEL
RETICULATE GRATE
(REF: CALTRANS STD. PLANS D77A & RSP D77B)**

WT. OF 24" GRATE = 182 LBS
WT. OF 18" GRATE = 145 LBS

NOTES:

1. ALL CONCRETE SHALL BE 560-B-3250 PCC PRECAST INLETS ARE SUBJECT TO WRITTEN APPROVAL OF THE CITY ENGINEER. EXCAVATION TO BE MIN. 4" LARGER THAN PRECAST BOX ON ALL SIDES. BACKFILL WITH CLASS 100-E-100 PCC.
2. INLET BASE SHALL BE PLACED AGAINST UNDISTURBED EARTH.
3. INLET WALLS MAY BE PLACED TO SUBGRADE. DOWELS SHALL BE PROVIDED AT EACH CORNER OF BOX. THE UPPER 1'-0" OF THE INLET BOX SHALL BE FRAMED AND PLACED MONOLITHICALLY WITH THE CURB AND GUTTER.
4. CONCRETE SHALL NOT BE PLACED PRIOR TO APPROVAL BY CITY ENGINEER.
5. WHEN CURB GUTTER AND SIDEWALK ARE NOT PLACED MONOLITHICALLY, THE CONCRETE CURB SHALL ALSO ENCASE SIDES AND BACK OF INLET HOOD A MINIMUM OF 8" WIDE AND 8" DEEP. THE ENCASEMENT SHALL BE PLACED WITHIN FORMS TO PROVIDE STRAIGHT EDGES.
6. REINFORCING BARS SHALL BE REQUIRED IN WALLS WHICH ARE MORE THAN 6' DEEP. FROM TOP OF CURB HORIZONTAL AND VERTICAL BARS SHALL BE #4 SPACED 12" O.C. AND PLACED 2" CLEAR OF INSIDE WALL SURFACE.
7. SEE STANDARD DETAIL SHEET D3-3 AND D3-4 FOR HOOD, FRAME AND GRATE.
8. CATCH BASIN GRATE SIZE SHALL BE 24" X 36".
9. PRECAST INLETS MAY BE USED SUBJECT TO WRITTEN APPROVAL OF THE CITY ENGINEER. EXCAVATION TO BE MIN. 4" LARGER THAN PRECAST BOX ON ALL SIDES. BACKFILL WITH CLASS 100-E-100 PCC.
10. HOOD SHALL BE CAST IRON AND SHALL RECEIVE AN ASPHALTIC COATING AFTER FABRICATION.
11. FRAME AND GRATES TO BE HOT DIP GALVANIZED AFTER FABRICATION.
12. HOOD SHALL BE PHOENIX IRON WORKS OR APPROVED EQUAL:
13. FRAME AND P-6002 CAST IRON HOOD (HOOD ONLY) GRATE TO CONFORM TO TYPE 18-83 AND 24 - IOS GRATE PER CALTRANS STANDARD PLAN RSP D77B " BICYCLE TRAVERSABLE GRATE" DIMENSIONS WITH RECTANGULAR FRAME PER CALTRANS STANDARD DETAIL D77A.
14. ALL CURB INLET SHALL HAVE AN EMBLEM " NO DUMPING".

TITLE: CAST-IN-PLACE CURB INLET AND FRAME GRATES (24" X 36")

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| DRAWN BY: LOUIE C. GUEVARA | SCALE: NONE |
| REVIEWED BY: DAVID RUBCIC | REVISED: APRIL, 2013 |
| CITY OF HOLLISTER ENGINEERING DEPARTMENT | |

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| APPROVED:  | 7-16-13 |
| CITY ENGINEER: RUDI GOLNIK LIC. NO. 39570 EXP. DATE: 12-31-2013 | DATE |

STANDARD PLAN
D-3-1
SHEET 1 OF 4