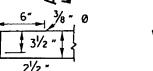


NOTE:

Bearing bars to be $3\frac{1}{2}$ "x1/4" bars on $1\frac{1}{8}$ "

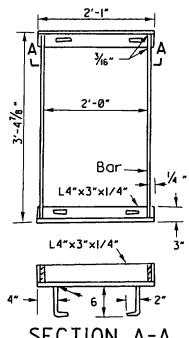
centers.
% " 0 Cross bars resistance welded or electroforged to bearing bars Weight of Grate 141 lbs Use Typical Frame as shown

 $\frac{3}{6}$ fillet weld full depth each side all bars

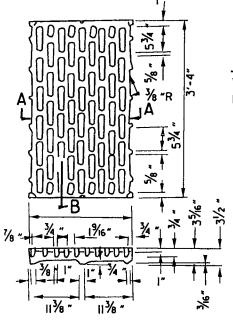




SECTION SECTION B-B WELDED STEEL GRATE

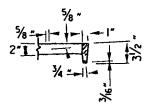


TYPICAL FRAME



NOTE:

Weight of Grate 155 lbs. Use Typical Frame as shown



SECTION A-A

SECTION B

CAST NODULAR IRON GRATE

GRATE & FRAME DETAILS (See \$heat 3 for Locking Device)

ORANGE COUNTY RESOURCES & DEVELOPMENT MANAGEMENT/ DEPARTMENT

STD. PLAN

Approved .

Adopted: Res. 77-92

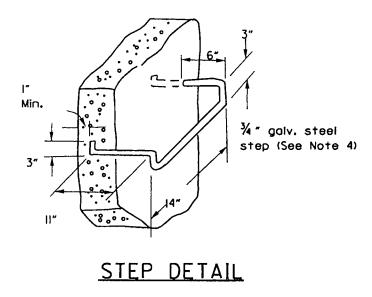
H. I. Nakasone, Chief Engineer

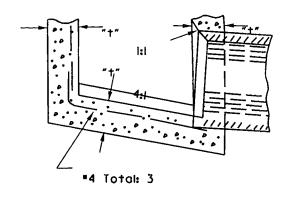
1307

MISCELLANEOUS INLET DETAILS AND NOTES

Revised: Res. 82-718; 06-010

SHT. | OF 3





ALTERNATE
REINFORCED FLOOR
(See Note 7)

NOTES:

- 1. Grate and frame shall be galvanized. See Standard Specifications or Special Provisions.
- 2. For "t" wall thickness see Table on inlet Plan.
- 3. Reinforcing steel shall be *4 bars at 18" centers placed $1\frac{1}{2}$ " clear to inside of box unless otherwise shown.
- 4. Steps None required where "H" is 3'-6" or less. Install one step 16" above floor when "H" is more than 3'-6" and less than 5'-0" Where H" is more than 5'-0", steps shall be evenly spaced at 16" intervals from 16" above floor to within 12" of the top of the box. Place steps in wall without pipe openings.
- 5. Pipe(s) can be placed in any wall.
- 6. Except for inlets used as junction boxes, basin floors shall have a minimum slope of 12:3 from all directions toward outlet pipe and shall have a wood trowel finish
- 7. Alternate reinforced floor at the option of the contractor.

ORANGE COUNTY RESOURCES & DEVELOPMENT MANAGEMENT DEPARTMENT	STD. PLAN
Approved ## Wullmul ## H. I. Nakasone, Chief Engineer ## Adopted: Res. 77-92 Revised: Res. 82-718: 06-010	1307
ACODITEC: NES. 17-32 NEVISEC: NES. 02-710; NE-NIN	1301

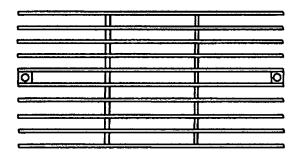
MISCELLANEOUS INLET DETAILS AND NOTES

SHT. 2 OF 3

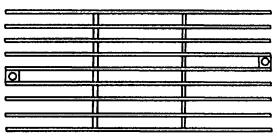
NOTES:

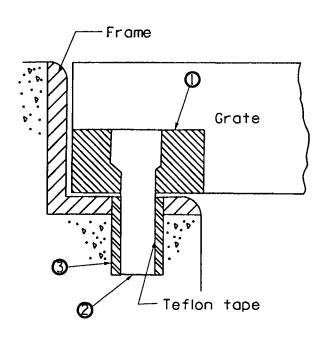
- I. Use $\frac{3}{4}$ " thick steel bar. Drill $\frac{1}{2}$ " hole & countersink with $\frac{3}{4}$ " drill $\frac{3}{8}$ " deep. Weld to grate. Paint to prevent rust.
- 2. ½ " dia. Allen bolt.
- 3. Use $\frac{1}{2}$ " concrete anchor or $\frac{1}{2}$ " threaded receiver welded to frame.

IF there are an <u>even</u> number of bars in the grate, install the hold-downs in the center space.



IF there are an <u>odd</u> number of bars in the grate, install the hold-downs on opposite sides of the center bar.





GRATE HOLD-DOWN

						/	<u>/</u>	<u> </u>	<i>(</i>		
ORANGE	COUNTY	RESOURCES	&	DEVELOPMENT	MANAGE	EN	7	DE	PAI	RTME	ΝŢ

STD. PLAN

Adopted: Res. 77-92

Revised: Res. 82-718; 06-010

Approved H. I. Nakasone, Chief Engineer

1307

MISCELLANEOUS INLET DETAILS AND NOTES

SHT. 3 OF 3