

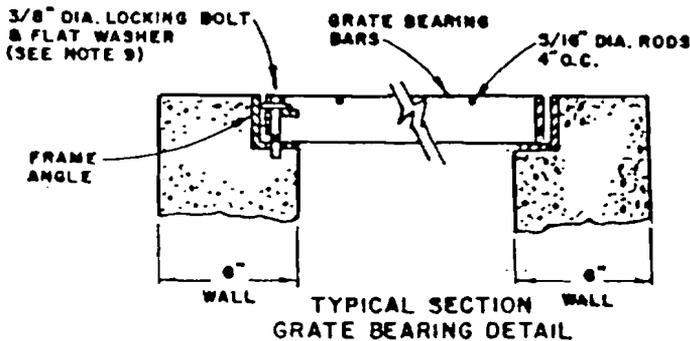
**GRATE LOCKING DEVICE
WILL NOT BE SUPPLIED
UNLESS SPECIFIED.**

GRATE

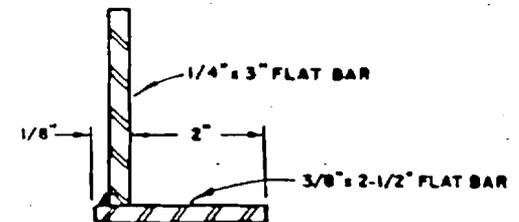
STANDARD GRATE 26 BEARING BARS, 1-1/4" x 3/16" 2 BANDING BARS, 1" x 3/16"
HEAVY GRATE 17 BEARING BARS, 3" x 1/4" 2 BANDING BARS, 2-1/2" x 1/4"

FRAME

STANDARD FRAME ANGLES, 1-1/2" x 1-1/2" x 3/16" SIDE BARS, 1-1/2" x 1/4"
HEAVY FRAME ANGLES (SEE DETAIL BELOW) 3" x 3/8" SIDE BARS



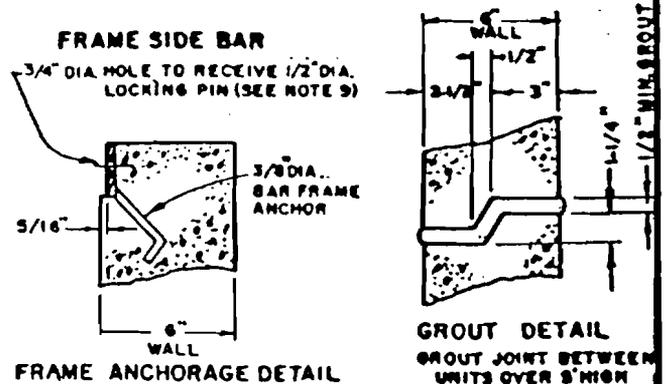
**TYPICAL SECTION
GRATE BEARING DETAIL**



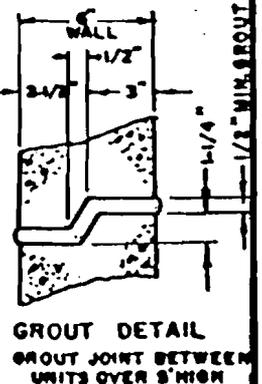
HEAVY GRATE FRAME DETAIL

NOTES:

1. UNITS ARE "TAILOR MADE" TO JOB REQUIREMENTS.
2. OPENINGS SHALL BE CAST AS REQUIRED TO MEET CONNECTING STORM DRAIN PIPING.
3. DEFLECTED OPENINGS MAY BE CHIPPED IN GREEN CONCRETE.
4. REFER TO MANUFACTURERS SPECIFICATIONS FOR DEPTHS OVER 5'-0".
5. CONCRETE SHALL TEST 3000 PSI. AT 28 DAYS.
6. WALLS AND FLOOR SLAB ARE REINFORCED WITH 4" x 4" - 6-6 WELDED WIRE MESH.
7. WALLS AND FLOOR SLAB ARE 6" THICK.
8. METAL FRAME & GRATE SHALL BE GALVANIZED AFTER FABRICATION PER ASTM SPECIFICATION A123.
9. GRATE SHALL BE SECURED TO DROP INLET FRAME WITH ONE 3/8" DIA. UNC PLATED STEEL MACHINE BOLT. OPTIONAL VANDAL PROOFING FEATURE ONLY WHEN SPECIFIED.
10. CLEAR GRATE OPENING IS 5.20 SQ. FT
11. WEIGHT OF WALLS PER VERTICAL FOOT = 900 LBS.
12. WEIGHT OF FLOOR SLAB = 900 LBS.
13. SANTA ROSA CAST PRODUCTS (OR EQUAL) MODEL 5K



FRAME ANCHORAGE DETAIL



**GROUT DETAIL
GROUT JOINT BETWEEN
UNITS OVER 8" HIGH**

CITY OF UKIAH			
PRECAST		CONCRETE	
DROP		INLET	
Scale: NONE	Drawn By: SK	Approved By:	Drawing No.
Date: MAY 1991	Revised:	<i>[Signature]</i>	412