



NOTES:

- GRATING:**
GRATE AND FRAME, CHRISTY FOUNDRY COMPANY NO. 71W432 (285#) OR APPROVED EQUAL.
- CONNECTOR PIPE:**
PIPE SHALL BE LOCATED AT THE FLOOR & DOWNSTREAM END OF THE BASIN. PIPE SHALL BE TRIMMED TO FINAL LENGTH AND SHAPE BEFORE THE PLACEMENT OF CONCRETE.
- CONCRETE:**
CONCRETE SHALL BE 6 SACK 3000# DESIGN MIX. FLOOR OF THE BASIN SHALL SLOPE FROM ALL WALLS TO THE OUTLET AND SHALL BE GIVEN A STEEL-TROWELED FINISHED SURFACE. WALLS OF THE BASIN CHAMBER SHALL BE POURED TO THE ELEVATION AND SLOPE OF THE EXISTING STREET SURFACE.

4. DIMENSIONS:

T=6" IF "V" 4'-6" OR LESS
 T=8" IF "V" IS 4'-6" TO 8'-0"
 T=10" IF "V" IS 8'-0" OR MORE
 W=2'-11 3/8" FOR ONE GRATE,
 ADD 3'-5 3/8" FOR EA. ADDITIONAL GRATE.

5. REINFORCEMENT:

V (FEET)		T (IN.)	SIDE & END WALL STEEL BARS G
FROM	TO (INCL.)		
	4	6	#3 @ 6"
4	8	8	#4 @ 6"
8	12	10	#5 @ 6"

CITY OF PORTERVILLE
 ENGINEERING DIVISION

Harold L. Hill
 CITY ENGINEER R.C.E. 20186 DATE 2-15-99

GRATING
 CATCH BASIN

D-4.1

REV.