This Detail Drawing may not be altered or changed in any manner except by the City Engineer. It is the responsibility of the user to acquire the most current version. 2'-8 1/2" 3/4" 5/8" X 3" BOLT EACH CORNER 2 1/2 " X 1/2" SQ. EDGE FLAT BARS 3" X 2 1/2" X 3/8" / 2'-4 3/4" 2 1/2" X 1/2" SQ. EDGE FLAT BARS **SECTION A-A** PLAN (FRAME) NOTE: USE VERTICAL BEADS IN CORNERS, FILLET WELD JOINT ON BOTTOM OF FRAME. GRATE MUST REST FLAT ON FRAME SURFACE. 3/8" ROUND OR RETANGULAR CROSS BARS SHALL BE FILLET WELDED, RESISTANCE WELDED OR ELECTROFORGED TO BEARING BARS TYPICAL 3/16" TYPICAL BOTH ENDS 3/16" OUTER BARS & EVERY INNER BAR **SECTION B-B** 3/8" X 2" FLAT BAR EACH END 3/8" X 2 1/2" FLAT BARS @ 1 7/8" O.C. LOAD PER AASHTO H-20 OR AS APPROVED BY ENGINEER 1/2" PLAN (GRATE) 8 BARS @ 4" O..C. 1. GRATE TO BE FLAT BANK STEEL OR APPROVED EQUAL 2'8" В

Catch Basin (G-2) Frame and Grate			CITY OF	
DRAWING NUMBER: S-2100	DRAWN BY: SR	SCALE: N.T.S.	WILSONVILLE	⋓⋓
FILE NAME: S-2100.DWG	APPROVED BY: NK	DATE: 6/4/14	PUBLIC WORKS STANDARDS	