



**NOTES**

1. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. VARIABLE INVERT, SUMP, AND BASIN BODY HEIGHT AVAILABLE. RISERS ARE NEEDED FOR BASINS OVER 84" (IN) DUE TO SHIPPING RESTRICTIONS. THE MAXIMUM DEPTH FROM FINISHED GRADE TO THE LOWEST INVERT SHALL BE 8' (FT).
2. DRAINAGE CONNECTIONS STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE AND PVC SEWER (4" (IN) - 24" (IN)).
3. RISERS CAN BE TRIMMED DOWN TO 3" (IN) EXTENSION WITHOUT INTERFERING WITH THE INSTALLATION OF THE FRAME.
4. THESE STRUCTURES CAN BE USED FOR TYPE 1, TYPE 1L, AND TYPE 2 STRUCTURES. USAGE FOR THE TYPE 2 STRUCTURES SHALL BE LIMITED TO PIPE SIZE USE ONLY. THE MAXIMUM DEPTH FROM FINISHED GRADE TO THE LOWEST INVERT SHALL BE 8' (FT).
5. HERRINGBONE GRATE MAY BE USED WHEN SPECIFIED IN THE CONTRACT.
6. DUCTILE IRON CASTINGS FOR PVC CATCH BASINS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A536, GRADE 70-50-05, AND SHALL MEET THE PROOF LOAD TESTING REQUIREMENTS OF AASHTO M 306.

1 **TRAFFIC LOADS:** CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. SLABS CAN BE CIRCULAR, SQUARE, OR INCORPORATED INTO A CURB AND GUTTER.

FILE NAME	S:\Design R P& S\4-Standards\2-Plan Sheet Library\01-Published PSL(DS) Drainage Structures and Hydraulics\W(DS-1) PVC Catch Basin\DS-1.dgn				REGION NO.	STATE	FED.AID PROJ.NO.					Plot 1
TIME	1:25:24 PM											PLAN REF NO
DATE	10/2/2014											DS-1
PLOTTED BY	FletcCo											SHEET
DESIGNED BY												1
ENTERED BY												OF
CHECKED BY												1
PROJ. ENGR.												SHEETS
REGIONAL ADM.		REVISION		DATE	BY	CONTRACT NO.	LOCATION NO.					PVC CATCH BASIN
									DATE	P.E. STAMP BOX	DATE	

