



**CAPACITY**

$$V = \frac{5}{12} CA$$

V = REQUIRED CAPACITY IN ACRE FEET  
 C = RUNOFF COEFFICIENT OF DRAINAGE AREA  
 A = DRAINAGE AREA IN ACRES

**NOTES:**

1. BASIN SITE SHALL BE GRADED SUCH THAT BASIN DESIGN OVERFLOW MUST BE TO THE STREET.
2. DESIGN HIGH WATER ELEVATION SHALL BE 6" LOWER THAN LOWEST SYSTEM INLET GUTTER FLOWLINE OR POND PERIPHERAL ELEVATION, WHICHEVER IS LOWER.
3. VEHICLE RAMPS SHALL BE 8' MINIMUM WIDTH AND 15% MAXIMUM SLOPE.
4. BASIN SHALL BE COMPLETELY FENCED AND SECURED WITHIN 7 DAYS OF CONSTRUCTION, AND PRIOR TO ANY INTRODUCTION OF WATER.
5. BASIN DEWATERING FACILITIES CONSISTING OF A 4" COUPLER AND CAP, 4" GATE VALVE, UTILITY BOX, AND 4" CLASS 200 PVC DRAIN LINE TO DEWATERING POINT MAY BE REQUIRED.
6. FOR UNIMPROVED OR NON-CURB & GUTTER APPLICATIONS, USE INLET AS SHOWN ON STD. DWG. SD-1.



**CITY OF CLOVIS**

DWG NO. **SD-2**

**TEMPORARY DRAINAGE BASIN**

APPROVED BY:	NO.	REVISED	BY	APPROVALS	SCALE: NTS
CITY ENGINEER		03-13-09	BGJ	CM <i>[Signature]</i>	DRAWN BY: BGJ
	DATE: 6/29/09			DRU <i>[Signature]</i>	
				PUD <i>[Signature]</i>	SHEET 1 OF 1