



APPROVED BY		5/18/11	
<i>Shambhoo</i>		DATE	
CITY ENGINEER			
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
STORM WATER CATCH BASIN
TYPE 2
STANDARD DRAWING NO. 401
Sheet 1 of 2

DIMENSIONS: *T = 8 inches if V is less than 8 feet.
 T = 10 inches if v is 8 feet or more.
 V = 5.25 feet unless otherwise specified.
 W = as specified on the plan (8 foot min.)
 D = As specified on plan (15 inch min.)
 A = D plus 12 inches (38 inches min.)*

CONCRETE: *Concrete shall be Class 560-C-3250.*

REINFORCING STEEL: *Shall be No. 3 bars unless otherwise specified. Clearance shall be 1-1/2" from bottom of slab.*

Steps: *3/4 inch plain around galvanized steel steps with drop step (17 inches apart) required when V is greater than 4 feet 6 inches. The top step shall be 6 inches below the surface and shall be 2-1/2 inches from the wall. Only one step (12 inches from bottom) if V is 4 feet 6 inches or less. Step shall be anchored not less than 4 inches in wall of basin.*

SUPPORT BOLT: *For details see Standard Drawing No. 402.*

TRANSITION: *For details see Standard Drawing No. 404.*

FLOOR: *Of basin shall be given a steel trowel finish and shall slope from all directions to the outlet.*

SURFACE: *Of all exposed concrete shall conform in slope, grade, color, finish and scoring to existing or proposed curb and walk adjacent to the basin.*

CURVATURE: *Of the lip and sidewalls at gutter openings shall be formed by curved forms and shall not be made by plastering.*

MANHOLE: *Shall be place along black wall near outlet.*

OUTLET: *Pipe shall be trimmed to the final shape and length before concrete is poured.*

APPROVED BY		<i>[Signature]</i>	
CITY ENGINEER		<i>5/18/11</i>	
		DATE	
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
STORM WATER CATCH BASIN
TYPE 2
STANDARD DRAWING NO. 401
Sheet 2 of 2