



**NOTES**

1. DEBRIS CAP SHALL BE INSTALLED AS CLOSE UNDER THE CAST IRON COVER WITHOUT INTERFERING WITH COVER OPERATION.
2. FLEXIBLE SKIRT SHALL BE TRIMMED TO PROVIDE A SMOOTH CONTACT WITH THE INTERIOR DIAMETER OF THE PIPE.
3. THE DEBRIS CAP SHALL BE MANUFACTURED BY SW SERVICES, INC., PHOENIX, ARIZONA OR APPROVED EQUAL.
4. THE DEBRIS CAP SHALL BE COMPRISED OF A HOLLOW MEMBER HAVING A CYLINDRICAL OUTER SURFACE, A CLOSURE FOR ONE END AND THREE POINT RESILIENT CONTACT PADS PROJECTING FROM THE OUTER SURFACE. THE CAP SHALL HAVE A FLEXIBLE SKIRT PROVIDING AN OUTWARD SEAL PREVENTING DEBRIS FROM GETTING PAST THE CAP. THE CAP MUST WITHSTAND, WITHOUT SLIPPAGE, A MINIMUM VERTICAL FORCE OF 50 POUNDS, AT A LOADING RATE OF 1.0 IN/MINUTE. THE CAP SHALL BE MOLDED USING GENERAL ELECTRIC ABS #HIM 4500. THE CAP SHALL HAVE RETAINING PRONGS TO RETAIN A STANDARD LOCATING COIL. SCOTCHMARK 4" DISC MARKER 141.7khz BY 3M, OR APPROVED EQUAL.
5. DEBRIS CAPS WITH LOCATOR COILS ARE TO BE INSTALLED ON ANY NEW WATER SERVICES DEPARTMENT CIP PROJECTS, STREET TRANSPORTATION DEPARTMENT CIP PAVING PROJECTS (NEW, REPLACEMENT, AND OVERLAYS) AND PRIVATE DEVELOPMENT PROJECTS IN THE FOLLOWING VALVE BOX LOCATIONS:  
 ALL MAJOR (ARTERIAL) STREETS  
 ANY UNPAVED AREAS  
 ALL EASEMENTS  
 GUTTER LOCATIONS  
 STREETS WITHOUT CURB & GUTTER  
 COUNTY ROADS  
 GATE VALVE LOCATIONS ON WATERLINES GREATER THAN 12" IN DIAMETER  
 ANY OTHER LOCATION INDICATED ON THE PLANS PER THE DESIGNER

REVISED 4/14/08

DETAIL NO. P1165	 <b>City of Phoenix</b> <b>STANDARD DETAIL</b>	DEBRIS CAP INSTALLATION	APPROVED  ACTING CIVIL ENGINEER	7/31/08 DATE	DETAIL NO. P1165
---------------------	--	-------------------------	--	-----------------	---------------------