

EPOXY COAT VALVE COVER PURPLE  
(FOR RECLAIMED WATER ONLY)

DEBRIS CAP  
- BLUE HANDLE FOR WATER  
- PURPLE HANDLE FOR RECLAIMED

SEE NOTE 4  
UNPAVED

#4 REBAR  
(SEE NOTE 2)

CONCRETE COLLAR

CAST IRON VALVE BOX AND  
COVER MARKED "WATER".

CENTERING PLATE REQUIRED  
WHEN OPERATING NUT  
EXTENSION IS USED

6" RISER PIPE TO BE  
PLUMB AND CENTERED  
ON VALVE STEM

VALVE

WATER MAIN

12 GAUGE  
LOCATOR WIRE

SIZE PIPE PER PLANS

4"-8"

SEE NOTE 3

ASPHALT  
PAVEMENT

6" MIN.

CONCRETE SHALL BE MIN.  
6.25 SACK 4000 P.S.I.  
WITH 4.5%-7.5% AIR ENTRAINMENT

STEEL EXTENSION REQUIRED TO  
BRING OPERATING NUT WITHIN 4'  
OF FINISHED GRADE.

INSTALL VALVE BOX  
RISER 2" BELOW TOP  
OF VALVE OPERATOR

CONCRETE BLOCK SHALL BE  
MIN. 6 SACK 4000 P.S.I.  
WITH 4.5%-7.5% AIR ENTRAINMENT

NOTES:

1. MATERIAL USED FOR SUPPORT BLOCKING SHOULD NOT PREVENT ACCESS TO THE BOLT ASSEMBLY.
2. CONCRETE SHALL MEET THE REQUIREMENTS OF SEC. 202.01 OF THE STANDARD SPECIFICATIONS. REBAR SHALL ONLY BE USED WHEN THE VALVE BOX IS LOCATED OUTSIDE OF PAVED AREAS.
3. VALVE BOXES TO BE SET 3/8"-5/8" BELOW FINISHED ROADWAY SURFACE. INSTALL OPERATING EXTENSION WITH OPERATING NUT RESTRAINING BOLT & TOP CENTERING PLATE. ANCHOR BARS & REDWOOD BLOCKS NOT REQUIRED WHEN OPERATING NUT IS AT GREATER DEPTH THAN 4' FROM FINISHED GRADE.
4. CONCRETE COLLAR TO BE LEFT 2" BELOW FINISH ASPHALT SURFACE. APPLY SS-1 TACK COAT BEFORE PAVING. SEAL A.C. SURFACE WITH SS-1 SAND. CHIP SEAL, FOG SEAL, SAND SEAL, OR SLURRY SEAL AS REQUIRED BY PLANS OR SPECS. EXTEND CONCRETE COLLAR TO GRADE WHEN NOT LOCATED IN ASPHALT PAVING.
5. CONCRETE COLLARS IN THE CITY OF RENO OR SPARKS ROADS SHALL BE BROUGHT TO GRADE ACCORDING TO THEIR RESPECTIVE REQUIREMENTS.

NO.	REVISED	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION:	WASHOE
			<b>VALVE DETAIL</b>	DRAWING NO:	WR-2.3
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