EPOXY COAT VALVE COVER PURPLE
(FOR RECLAIMED WATER ONLY)

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

SEE NOTE 4

4"-8"

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

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.