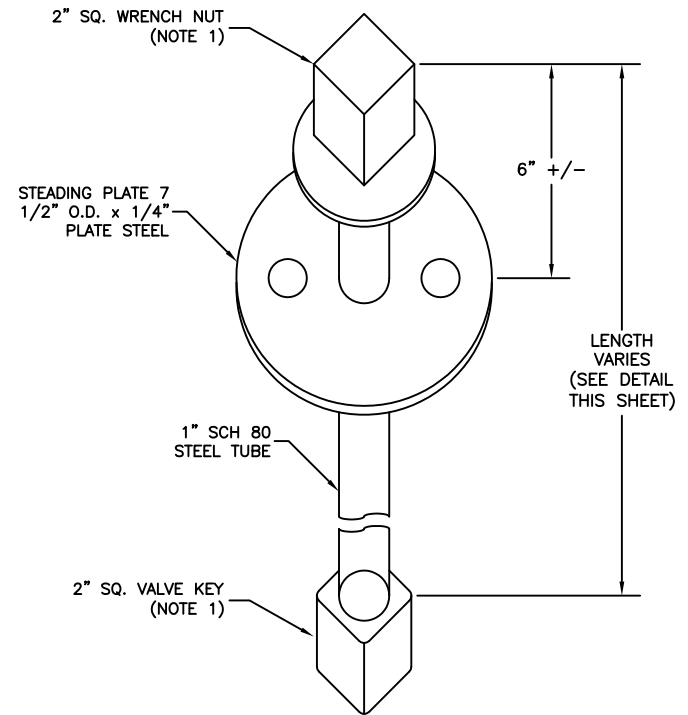


**FABRICATION  
DETAIL**

- NOTES:
1. WRENCH NUT, AND VALVE KEY, MEETING AWWA - C500.
  2. CLEAN AND PREP METAL SURFACES AND COAT ENTIRE ASSEMBLY WITH FUSION EPOXY OR POWDER COAT COATING AFTER FABRICATION.
  3. PEEN TOP OF SHAFT TO SECURE 2" AWWA WRENCH NUT TO SHAFT.
  4. EXTENSION SHALL BE REQUIRED WHEN THE GATE VALVE OPERATING NUT IS 36' OR MORE BELOW THE FINAL GRADE SURFACE.
  5. STEADYING PLATE SHALL BE 1/4" PLATE STEEL. DIAMETER EQUAL TO I.D. OF VALVE BOX EXTENSION MINUS 1/2", WITH TWO 1-1/2" DIAMETER FINGER HOLES PLACED 180-DEG OPPOSED.
  6. APPLY SMALL AMOUNTS OF DSE SILICON TO VALVE KEY SQUARE PRIOR TO INSTALLATION ONTO VALVE NUT.
  7. PLATE STEEL SHALL BE ASTM A36. TUBE STEEL SHALL BE ASTM A53 GRADE B. WELDING SHALL CONFORM TO AWS CODE FOR ARC AND GAS WELDING AND WELDER SHALL BE CERTIFIED.



**VALVE OPERATING NUT EXTENSION  
ISOMETRIC**

NO	DATE	REVISIONS	APP	BY



**VALVE OPERATING SHAFT  
EXTENSION**  
SAN JUAN WATER DISTRICT

APPROVED

SCALE: NTS PRINT DATE: 07/29/11 DETAIL NO: SHT 15 OF 27