**STEM EXTENSION FABRICATION NOTES**

1. **ALL WELDS TO RISER SHAFT SHALL BE FILLET WELD ALL AROUND AS SPECIFIED BELOW.**

2. **ALL STEEL REQUIRED FOR RISER FABRICATION SHALL BE STRUCTURAL STEEL PER ASTM A36.**

**VALVE STEM EXTENSION PARTS LIST**

- **1. VALVE OPERATING NUT OR 1-7/8"X1-7/8"X2" HIGH SOLID STEEL WELDED TO TOP PLATE.**
- **2. 3/16" THK. X 7-1/2" DIA. FREE SPINNING GUIDE PLATE, WITH 3-5/8" DIA. HOLE IN CENTER.**
- **3. TWO 3/16"X1-1/2"X5" STEEL ANGLE, WELD TO TWO SIDES OF EXTENSION SHAFT.**
- **4. 2-1/2" X 3/16" SQUARE STEEL TUBING LENGTH AS REQUIRED EDGE TO WELD TO TOP PLATE.**

**NOTES**

1. **ENTIRE VALVE SHALL BE WRAPPED TIGHTLY WITH POLYETHYLENE FILM HELD SECURELY WITH ADHESIVE TAPE.**

2. **IF VALVE IS INSTALLED SO THAT THE TOP OF THE OPERATING NUT IS LESS THAN 30" BELOW FINISHED GRADE, THE VALVE STEM RISER IS NOT REQUIRED.**

**UNIVERSITY OF CALIFORNIA, DAVIS**

**WATER VALVE & VALVE BOX**

**REVISION: 1**

**SCALE:** NONE  **DATE:** DEC 09

**DWN:** KH  **APPROVED**  **FILE NO.** DW-05