STORM 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 1-1/8"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"X3"L 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.

INSULATED #10 SOLID COPPER TRACER WIRE WITH 12" PIGTAIL INSIDE VALVE BOX, OUTSIDE RISER PIPE

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.

CONCRETE PIER BLOCK REQUIRED WHEN INSTALLING NEW VALVE ON EXISTING MAIN.

UNIVERSITY OF CALIFORNIA, DAVIS
WATER VALVE & VALVE BOX

REV 2

SCALE: NONE DATE: JULY 2011

DN: K.H CHK: VG
APPROVED FILE NO. DW-06