



- NOTES:
1. EXTENSION STEM TO BE SECURELY WELDED TO GATE VALVE KEY. STEM MATERIAL COMPOSITION SHALL COMPLY WITH ASTM A108.
 2. LENGTH OF STEM TO BE SUCH THAT OPERATING NUT WILL BE LOCATED AS PRESCRIBED ABOVE.
 3. WELD STEEL DISH 4 1/4" DIAMETER x 3/8" THICK TO EXTENSION STEM TO INSURE OPERATING NUT IS CENTRALLY LOCATED WITHIN VALVE BOX.
 4. PAINT EXTENSION STEM WITH 2 - COATS OF BITUMINOUS COATING.
 5. USE THIS DETAIL WHEN DISTANCE FROM TOP OF OPERATING NUT OF VALVE TO FINISHED GRADE OR GROUND EXCEEDS 5'-6".
 6. PROVIDE CONCRETE COLLAR FOR VALVE BOXES IN UNPAVED AREAS PER DETAIL W/3.00.

CHARLES COUNTY GOVERNMENT
 DEPARTMENT OF PLANNING & GROWTH MANAGEMENT
 APPROVED: Raymond N. Shumaker, Jr. Oct 5, 2022
Raymond N. Shumaker, Jr. (Oct 5, 2022 12:20 EDT)
 CHIEF OF CODES, PERMITS, & INSPECTION SERVICES DATE
J.B.M. Oct 5, 2022
 PROFESSIONAL ENGINEER DATE

STANDARD DETAIL
 EXTENSION STEMS & VALVE BOXES FOR DEEP VALVE SETTINGS

W
3.02
REVISIONS:
JUNE 1995
SEPTEMBER 2022