



SEE [W-6](#) FOR LIMITS OF BACKFILL THAT MAY BE REQUIRED TO BE HAND PLACED AND COMPACTED

**VALVE BOX EXTENSION DETAIL**

**NOTES:**

1. STEM EXTENSION SHALL BE REQUIRED WHEN VALVE NUT BURY DEPTH EXCEEDS 48 IN.
2. ALL STEM EXTENSIONS SHALL BE CLIPPED TO THE VALVE NUT.
3. SUBGRADE WILL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
4. STABILIZED BASE WILL BE PLACED TO GRADE IN ACCORDANCE WITH SPECIFICATIONS.
5. SOIL, SUBGRADE, AND STABILIZED BASE OVER VALVE BOX SHALL BE REMOVED AND THE VALVE BOX INSTALLED TO PROPER FINAL ELEVATION.
6. ANY EXCAVATED AREA BELOW THE SURFACE REPLACEMENT SHALL BE FILLED WITH 2000 PSI CONCRETE OR CONTROLLED LOW STRENGTH MATERIAL (CLSM). CARE SHALL BE EXERCISED IN THE CONCRETE OR CLSM PLACEMENT TO PREVENT ANY VOIDS BELOW OR AROUND THE VALVE BOX.
7. PLEASE REFER TO STANDARD DETAIL [G-9](#) FOR ASPHALT SURFACE REPLACEMENT.
8. IN UNPAVED RURAL AREAS WITHIN THE RIGHT-OF-WAY, A 3 FT. X 3 FT. X 8 IN. THICK REINFORCED (4 - #4 EACH WAY, 3 IN. CLEAR SIDES AND BOTTOM) CONCRETE DIAMOND SHALL REPLACE THE ASPHALT SURFACE REPLACEMENT NOTED ABOVE. THE CONCRETE DIAMOND SHALL BE CENTERED ON THE VALVE BOX, HAVE A BROOM FINISH AND SHALL BE PLACED TO GRADE (NOTES: 3 - 7 AND NOTE 9 DO NOT APPLY). PLEASE REFER TO STANDARD DETAIL [G-9](#) FOR CLASS E SURFACE REPLACEMENT.
9. IN DEVELOPED AREAS OUTSIDE OF THE PAVEMENT, AN 24 IN. X 24 IN. X 8 IN. THICK REINFORCED (2 - #4 EACH WAY, 3 IN. CLEAR SIDES AND BOTTOM) CONCRETE DIAMOND WILL REPLACE THE CLASS B SURFACE REPLACEMENT NOTED ABOVE. THE CONCRETE DIAMOND SHALL BE CENTERED ON THE VALVE BOX, HAVE A BROOM FINISH AND SHALL BE PLACED TO GRADE (NOTES: 4 - 8 DO NOT APPLY). PLEASE REFER TO STANDARD DETAILS [G-9](#) FOR CLASS E SURFACE REPLACEMENT.
10. PRE-PACKAGED CONCRETE MIX NOT PERMITTED FOR USE IN CONCRETE DIAMOND.

**WATER VALVE BOX EXTENSION INSTALLATION**

(NO SCALE)



**ENGINEERING DIVISION**

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REVISIONS			
NO.	COMMENTS	BY	DATE
1	ADD NOTE REFERENCE TO STD DETAIL	MZ	04/19/2024
##	DESCRIPTION	FL	MM/DD/YYYY

DATE  
01/01/2024

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