IMPROVED AREAS

INSTALL VALVE BOX PLUMB
AND CENTER OVER VALVE
OPERATING NUT (TYP)

SEE NOTE 1

ASPHALTIC CONCRETE

CARBONITE MARKER,
SEE (PL10–13)

24" DIA CONCRETE COLLAR
10" THICK (FORMED) 3000
PSI @ 28 DAYS. (CENTERED ON VALVE BOX)

#4 BAR CONT (TYP)

WATER MAIN

WATER VALVE

1" MIN

24" DIA CONCRETE COLLAR
10" THICK (FORMED) 3000
PSI @ 28 DAYS. (CENTERED ON VALVE BOX)

VALVE STEM
EXTENSION, SEE
(SEE NOTE 3)
(PL10–8C)

WATER VALVE

DESIGNER NOTE:
USE ONLY THE VALVE BOX DETAILS PER
PROJECT REQUIREMENTS. UNUSED PORTIONS
OF THE DETAIL ARE TO BE REMOVED.

NOTES
1. FINAL RIM ELEVATION TO BE 1/8" TO 1/4" BELOW
FINAL STREET GRADE.
2. MORE STRINGENT INSTALLATION REQUIREMENTS MAY
BE IMPOSED BY THE ENTITY HAVING THE JURISDICTION
OVER THE VALVE BOX INSTALLATION LOCATION.
3. A VALVE STEM EXTENSION SHALL BE PROVIDED
WHERE THE DEPTH TO THE OPERATING NUT
EXCEEDS FIVE (5) FEET.
4. CONTRACTOR TO FORM CONCRETE COLLAR IN
UNIMPROVED AREAS WITH SONOTUBE AND REMOVE
PRIOR TO BACKFILL INSTALLATION (TYP).
5. SEE SPECIFICATIONS FOR ALL APPROVED PRODUCTS.

24" DIA CONCRETE COLLAR
10" THICK (FORMED) 3000 PSI
@ 28 DAYS. (CENTERED ON VALVE BOX)

STANDARD VALVE BOX
COVER, SEE
(PL10–8B)

STANDARD VALVE

2" MIN SKIRT ON
VALVE BOX LID

BYPASS VALVE

2" MIN SKIRT ON
VALVE BOX LID

RECLAIMED VALVE

VALVE BOX INSTALLATION

NOT TO SCALE

PL10–8 051119