



FILE NO.: 2500-080

APPROVAL DATE: APRIL 1999

REVISION NO.:

REVISION DATE:

CEAR RAPIDS METROPOLITAN AREA
STANDARD DETAILS FOR PUBLIC IMPROVEMENTS

TYPICAL WATER SERVICE LINE
INSTALLATION - RESIDENTIAL AREA

NO.
2500-080

NOTES:

- REFER TO TECHNICAL SPECIFICATIONS FOR ACCEPTABLE SERVICE LINE MATERIALS AND PROCEDURES.

FILE NO.: 2500-042	<p style="text-align: center;">CEDAR RAPIDS METROPOLITAN AREA STANDARD DETAILS FOR PUBLIC IMPROVEMENTS</p> <p style="text-align: center;">HYDRANT SET DETAIL PERPENDICULAR TO WATER MAIN - SHEET 2 OF 2</p>	NO. 2500-042
APPROVAL DATE: JULY 1999		
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HYDRANT TO BE SET PLUMB WITH PUMPER NOZZLE FACING ROADWAY UNLESS SPECIFIED OTHERWISE

HOLY CROSS STANDARD HYDRANT

GROUND FLANGE TO BE 2" ABOVE FINISHED GRADE

5 1/4" VALVE BOX COMPLETE

5 1/2 FT. COVER (STANDARD)

INSTALL WITH CONCRETE OR STONE BASE AND BLOCKING. MINIMUM OF 4 CU. FT. OF 1" TO 2" ROCK OR GRAVEL DRAIN MATERIAL. COVER COMPLETELY WITH POLYETHYLENE SHEETING

6" GATE VALVE MU X FL RESILIENT WEDGE AND VALVE BOX COMP.

WATER MAIN

2" ANCHOR PIPE

EXISTING GROUND

STONE BASE AND CONCRETE BLOCKING MATERIAL

NOTE: SEE SPECIAL PROVISION SECTION 02500 - STANDARD SPECIFICATIONS

30' HALF RIGHT OF WAY (TYP)

9' - 10'

2' - 3'

2 FT BETWEEN
EDGE OF WALK
TO PROPERTY

1'

SIDWALK

STOP BOX
CITY OF MARION

STOP BOX
CITY OF HIAWATHA
AND CEDAR RAPIDS

TOP OF
WATER MAIN

SUB DRAIN

NOTES:

1. REFER TO TECHNICAL SPECIFICATIONS FOR ACCEPTABLE SERVICE LINE MATERIALS AND PROCEDURES.

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APPROVAL DATE: APRIL 1999	TYPICAL WATER SERVICE LINE INSTALLATION - RESIDENTIAL AREA		
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