

FINISHED GRADE

CONCRETE FOUNDATION BLOCK MIN.
THICKNESS OF 3" FOR FULL WIDTH
OF GATE VALVE, MIN. (TYP)

SECTION C-C

NOTES:

VALVE VAULTS SHALL BE PRECAST REINFORCED CONCRETE ONLY.

ALL FITTINGS SHALL BE MECHANICAL FITTINGS WITH MEG-A-LUG RETAINER GLANDS.

ALL, VALVE VAULTS SHALL HAVE NO MORE THAN TWO ADJUSTING RINGS (WHEN REQUIRED) WITH A MINIMUM OF FOUR INCHES (4") AND A MAXIMUM OF TWELVE INCHES (12") OF ADJUSTABLE RINGS.

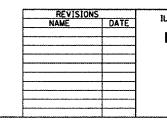
RUBBER ADJUSTING RINGS ARE REQUIRED FOR ANY RINGS THAT ARE TWO INCHES (2") IN THICKNESS, OR LESS.

ALL LIFTING HOLES, JOINTS BETWEEN PRECAST REINFORCED CONCRETE SECTIONS, GAPS BETWEEN PIPES AND STRUCTURES SHALL BE TUCKPOINTED WITH HYDRAULIC CEMENT.

VALVE VAULTS SHALL USE A NEENAH OR EAST JORDAN IRON WORKS HEAVY DUTY FRAME AND LID WITH "WATER METER" CAST ON LID.

VALVE OPERATING NUT SHALL BE ACCESSIBLE THROUGH THE FRAME AND LID.

SHEET 2 of 2



ILLINOIS DEPARTMENT OF TRANSPORTATION

METER VAULT, SPECIAL

DETAILS F.A.I. ROUTE 80 SECTION (32,47-4)RA-2 GRUNDY COUNTY

CAST IN PLACE -STEEL LID FRAME

FOR DETAILS)

LINE

B

4" RESILIENT WEDGE

GATE VALVE WITH

HAND WHEEL AND

NON RISING STEM

(SEE SHEET 12

D.I. W.M. 4"
WATER SERVICE

PLAN

WATER METER

4" - 320 GPM

C t

C+

D.I. W.M.

8" X 4"

REDUCER

VALVE VAULT, TYPE A

8" RESILIENT WEDGE GATE

VALVE, OPERATING NUT EXTENSION.

(SEE SHEETS 15 & 16 FOR DETAILS)

4' DIAMETER, TYPE 1

FRAME. CLOSED LID

B

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