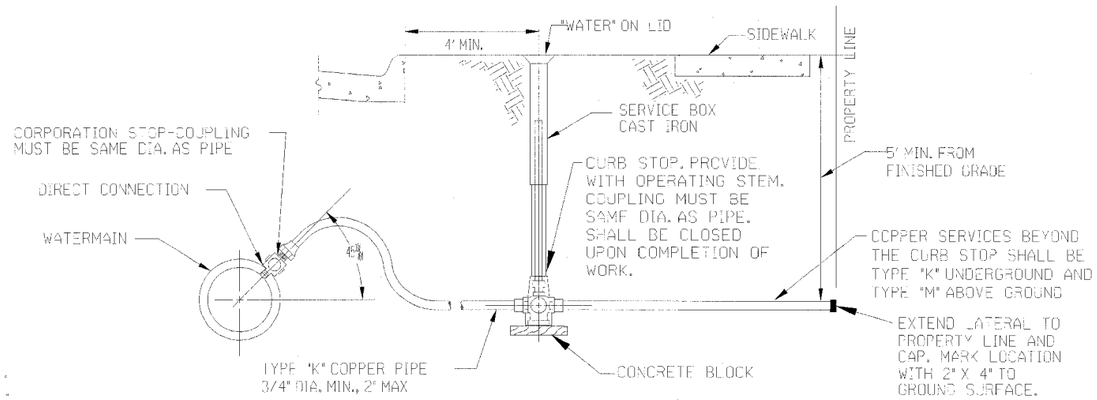
F.A. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
595	1 - 1	ROCK ISLAND	239 159
STA	TO STA		
FED. RD DIST. NO.	ILLINOIS; FED. AID PROJECT		
			CONTRACT # 84986

PLAN SURVEYED / LOCATED / CHECKED / AS-BUILT / CHECKED / NOTE BOOK ALIGNMENT OK / AT OF WAY / CHECKED / NO. / LAND REC. NAME / BY / DATE

PROFILE SURVEYED / LOCATED / CHECKED / AS-BUILT / CHECKED / NOTE BOOK ALIGNMENT OK / AT OF WAY / CHECKED / NO. / LAND REC. NAME / BY / DATE



MAXIMUM RECOMMENDED DIRECT TAP SIZES		
MAIN DIA.	MAX TAP SIZE BY MAIN MATERIAL TYPE	
	CL. 350 DIP & CAST IRON	ALL W/ SADDLE
3"	3/4"	3/4"
4"	3/4"	1"
6"	1"	1-1/2"
8"	1"	2"
10"	1"	2"
12"	1-1/4"	2"
14"	1-1/2"	2" *
16"	2"	2" *
18"	2"	2" *
20"	2"	2" *
24"	2"	2" *

NOTES:

1. THE SERVICE PIPE SHALL BE LAID IN THE TRENCH WITH SUFFICIENT HORIZONTAL WEAVING TO ALLOW NOT LESS THAN 1' EXTRA LENGTH IN ITS ENTIRE LENGTH.

2. SERVICE PIPES OVER 2" DIAMETER SHALL BE TAPPED LIVE THROUGH A SADDLE SLEEVE OR CUT IN TO THE MAIN WITH A SOLID SLEEVE. NOTIFY THE PUBLIC WORKS DEPARTMENT PRIOR TO PERFORMING SUCH A CONNECTION.

3. THE PIPING FROM TWO OR MORE SERVICES ON THE SAME PREMISES MUST BE KEPT SEPARATE, WITH NO CROSS CONNECTIONS.

4. CONTACT THE PLUMBING INSPECTOR FOR SPECIAL BEDDING AND INSTALLATION REQUIREMENTS FOR SERVICES IN ACID SOILS OR LANDFILLS.

5. CURB STOP SHALL BE 4' MIN FROM BACK OF CURB OR EDGE OF PAVEMENT AND 1' MIN FROM PROPERTY LINE, BUT IN EITHER CASE NOT IN A SIDEWALK WITHOUT APPROVAL OF THE PUBLIC WORKS DEPARTMENT.

6. IF A SADDLE IS PROVIDED FOR TAPPING OF DUCTILE IRON OR CAST IRON WATERMAINS, THE "ALL W/ SADDLE" FIGURES CAN BE USED FOR MAX. TAP SIZES.

7. MANUFACTURERS DO NOT RECOMMEND TAPPING C900 PVC OVER 12" DIAMETER. * FOR PVC WATER MAINS OVER 12" THAT NEED TO BE TAPPED, CONTACT THE PUBLIC WORKS DEPARTMENT - D.I.P. OR A SPECIAL GRADE OF PVC MAY BE REQUIRED.

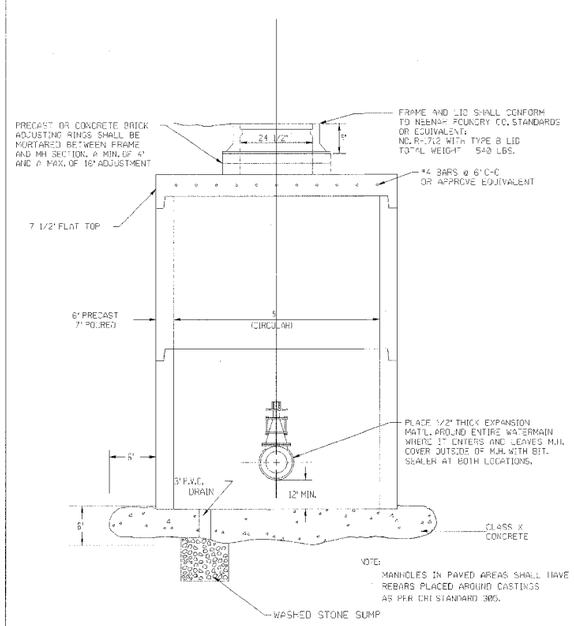
REVISED	TAB	4/2/02
REVISED	FMCJ	12/14/98
METRIC	FMCJ	01/27/97
STAND303.DWG	CWE	06/15/91
REVISION	BY	DATE

S:\...\MISC\STANDARD\CRI_STD\303.DWG

STANDARD TAP
SERVICE PIPING (COPPER)

NOT TO SCALE | CITY OF ROCK ISLAND ENGINEERING DIVISION | STANDARD NO. 303

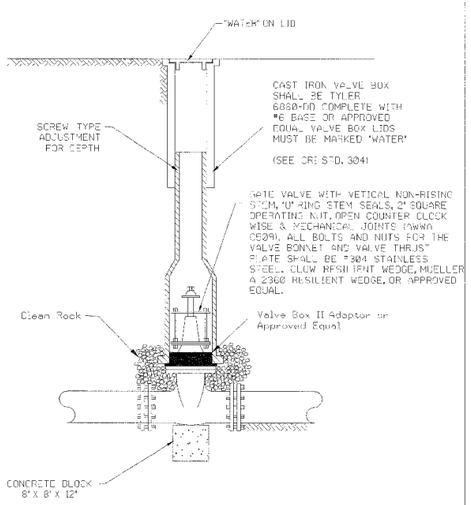
VALVE VAULT



VOTE: MANHOLES IN PAVED AREAS SHALL HAVE REBARS PLACED AROUND CASTINGS AS PER CRI STANDARD 305.

REVISED	VLC	01/12/05
REVISED	CAK	04/03/02
REVISED	FJK	03/25/02
REVISED	TNB	03/14/00
STAND304.DWG	MDW	03/12/93

VALVE BOX



STANDARD VALVE VAULT & STANDARD VALVE BOX

CITY OF ROCK ISLAND ENGINEERING DIVISION | STANDARD NO. 304

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL UTILITY DETAILS

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY