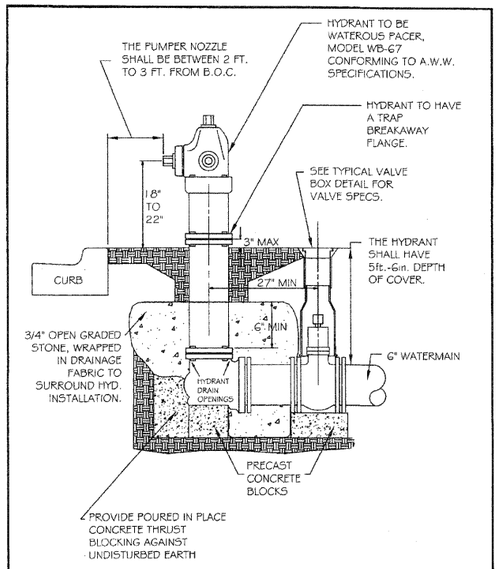
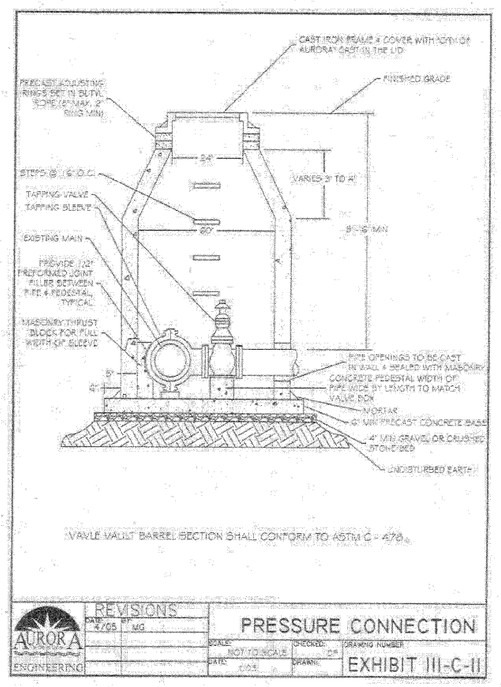
CONTRACT NO. 63095

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	112
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

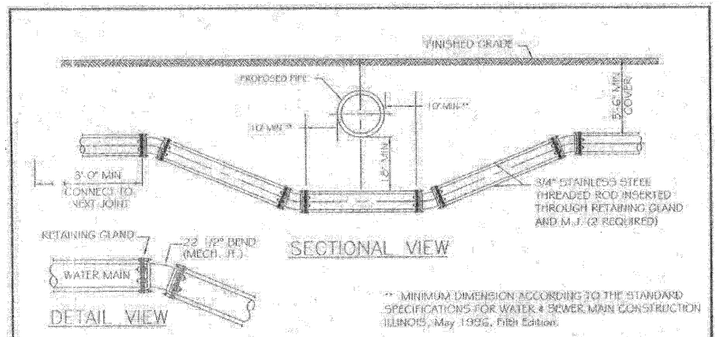


REVISIONS DATE	BY		HYDRANT INSTALLATION
8/02	NM, redrawn		
1/04	SAZ, redrawn	SCALE: NOT TO SCALE; CHECKED: DF; DRAWING NUMBER	
		DATE: 8/02; DRAWN: NM/SAZ	EXHIBIT III-C-7



VAVLE VAULT BARREL SECTION SHALL CONFORM TO ASTM C - 478.

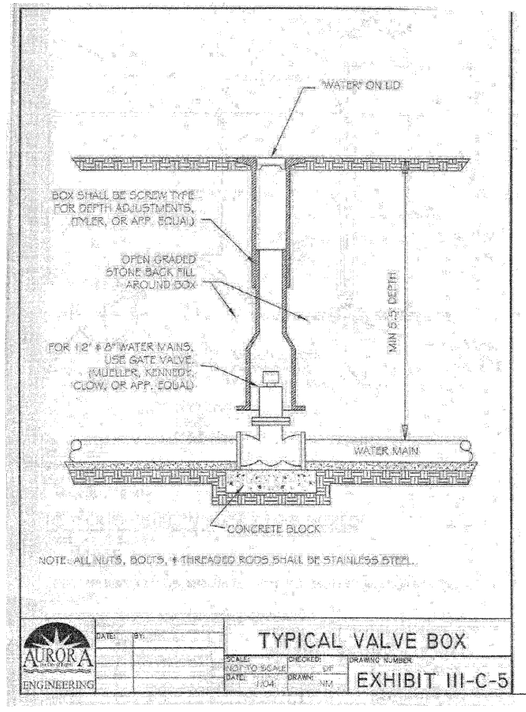
REVISIONS DATE	BY		PRESSURE CONNECTION
4/05	MG		
		SCALE: NOT TO SCALE; CHECKED: DF; DRAWING NUMBER	
		DATE: 1/04; DRAWN: NM	EXHIBIT III-C-11



** MINIMUM DIMENSION ACCORDING TO THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION ILLINOIS, May 1999, Fifth Edition.

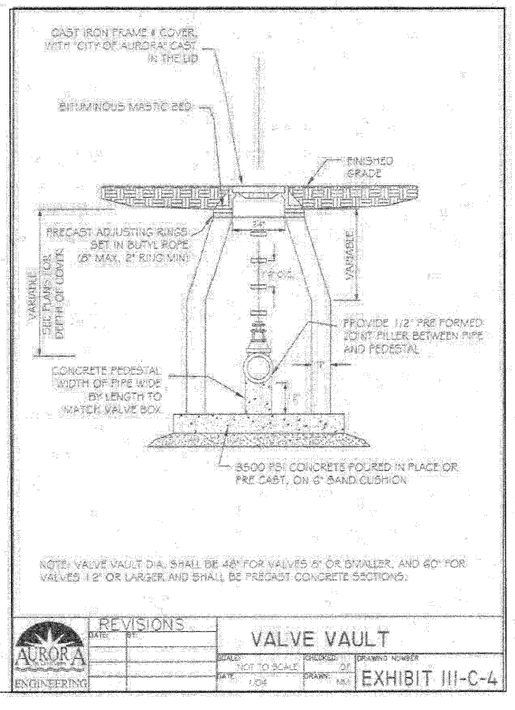
NOTES:
1) For sizes larger than 16", special design will be required.
2) In lieu of installing stainless steel rods, the mechanical joints can be restrained with the Megalug Series 1100 is manufactured by EBBA Iron Inc. or approved equal. Also, the bell and spigot joints shall be restrained on either side of the mechanical joints by EBBA Iron 1700 series restraint or approved equal and the restraint distance shall be in accordance with Exhibits III-C-9 and III-C-10.

REVISIONS DATE	BY		WATER MAIN LOWERING DETAIL
		SCALE: NOT TO SCALE; CHECKED: DF; DRAWING NUMBER	
		DATE: 1/04; DRAWN: SAZ	EXHIBIT III-C-8



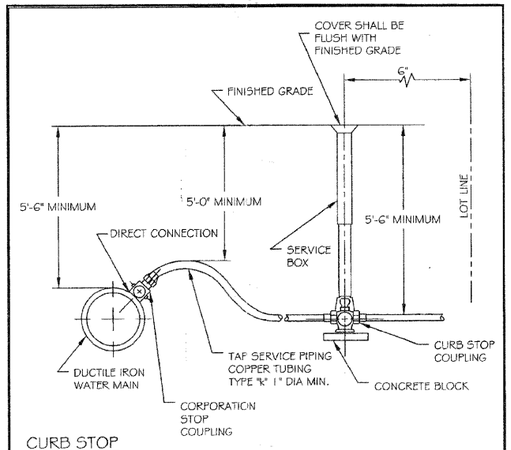
NOTE: ALL NUTS, BOLTS, & THREADED RODS SHALL BE STAINLESS STEEL.

REVISIONS DATE	BY		TYPICAL VALVE BOX
		SCALE: NOT TO SCALE; CHECKED: DF; DRAWING NUMBER	
		DATE: 1/04; DRAWN: NM	EXHIBIT III-C-5



NOTE: VALVE VAULT DIA. SHALL BE 48" FOR VALVES 8" OR SMALLER, AND 60" FOR VALVES 12" OR LARGER, AND SHALL BE PRECAST CONCRETE SECTIONS.

REVISIONS DATE	BY		VALVE VAULT
		SCALE: NOT TO SCALE; CHECKED: DF; DRAWING NUMBER	
		DATE: 1/04; DRAWN: NM	EXHIBIT III-C-4

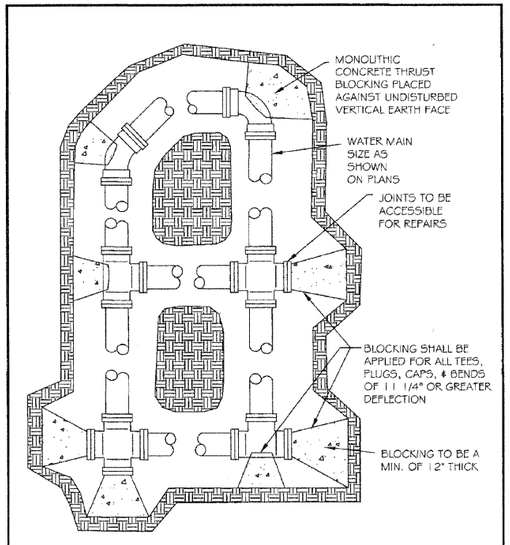


CURB STOP
- FORD B22-444M
- MUELLER H-15154 (1") OR APPROVED EQUAL
- A.Y. McDONALD 6104

MINNEAPOLIS PATTERN BASE CURB BOXES
- A.Y. McDONALD 5614
- FORD EM-55-56

NOTE: FOR ANY WATER MAINS WITHIN THE EASEMENT, B-BOXES MUST ALSO STAY WITHIN THE EASEMENT.

REVISIONS DATE	BY		TYPICAL DOMESTIC WATER SERVICE TAP
		SCALE: NOT TO SCALE; CHECKED: DF; DRAWING NUMBER	
		DATE: 06/02; DRAWN: D.GOEWEY	EXHIBIT III-C-6



REVISIONS DATE	BY		THRUST BLOCKING
		SCALE: NOT TO SCALE; CHECKED: DF; DRAWING NUMBER	
		DATE: 1/04; DRAWN: NM	EXHIBIT III-C-3

RHA&A
Robert H. Anderson & Associates, Inc.
Consulting Engineers & Land Surveyors
License No. 184-005281
Phone No. 630-584-3530

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE: VERT. HORIZ. NONE
DATE 1/7/09
DRAWN BY
CHECKED BY TC/SBP

PLOT DATE = 1/5/2009
FILE NAME = H:\Aurora\120809_1TPhII\Civil\Shts\Details_SnWtr.dgn
PLOT SCALE = 1.000
USER NAME = USER_