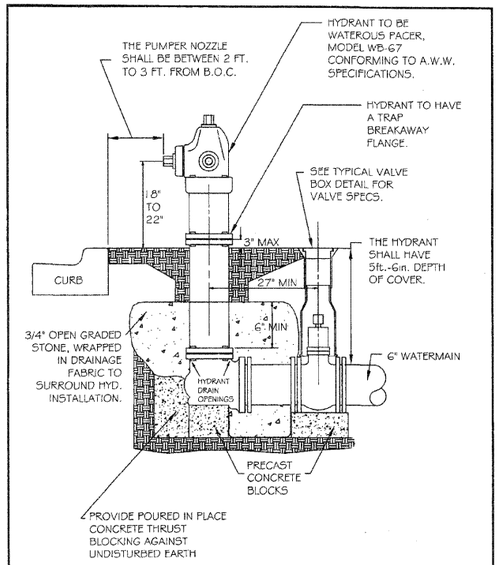
CONTRACT NO. 63095

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		

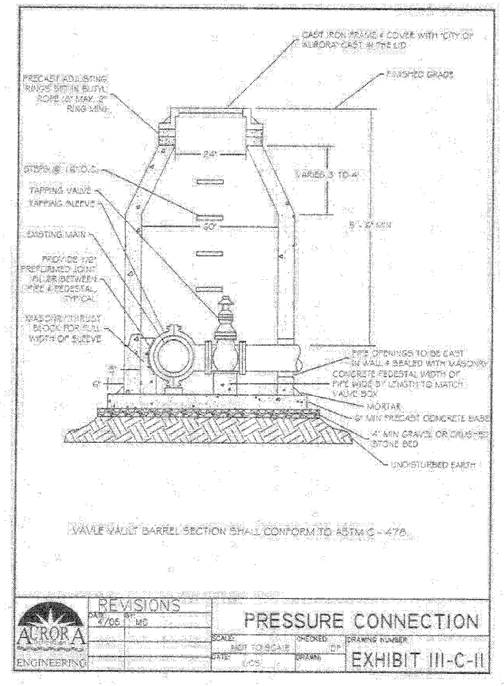


AURORA ENGINEERING

REVISIONS DATE	BY	
8/02	NM, redrawn	
1/04	SAZ, redrawn	

HYDRANT INSTALLATION

SCALE: NOT TO SCALE | CHECKED: DF | DRAWING NUMBER
DATE: 8/02 | DRAWN: NM/SAZ | EXHIBIT III-C-7

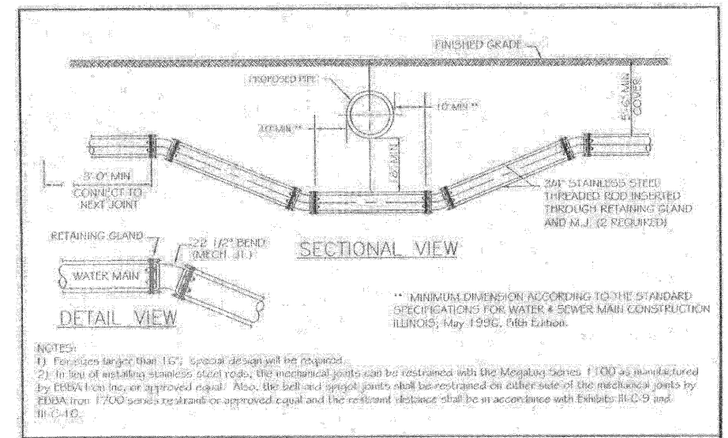


AURORA ENGINEERING

REVISIONS DATE	BY	
4/05	MG	

PRESSURE CONNECTION

SCALE: NOT TO SCALE | CHECKED: DF | DRAWING NUMBER
DATE: 1/05 | DRAWN: | EXHIBIT III-C-11



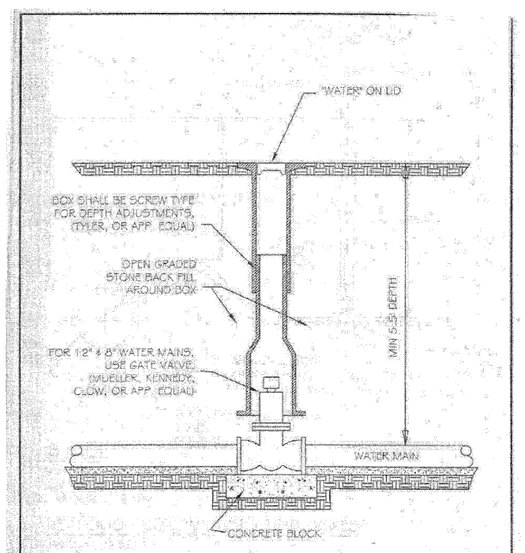
NOTES:
1) For sizes larger than 16", special design will be required.
2) In lieu of installing stainless steel rods, the mechanical joints can be restrained with the Megalug Series 1100 as manufactured by EBBA Iron Inc. or approved equal. Also, the bell and spigot joints shall be restrained on either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

AURORA ENGINEERING

REVISIONS DATE	BY	

WATER MAIN LOWERING DETAIL

SCALE: NOT TO SCALE | CHECKED: DF | DRAWING NUMBER
DATE: 1/04 | DRAWN: SAZ | EXHIBIT III-C-8

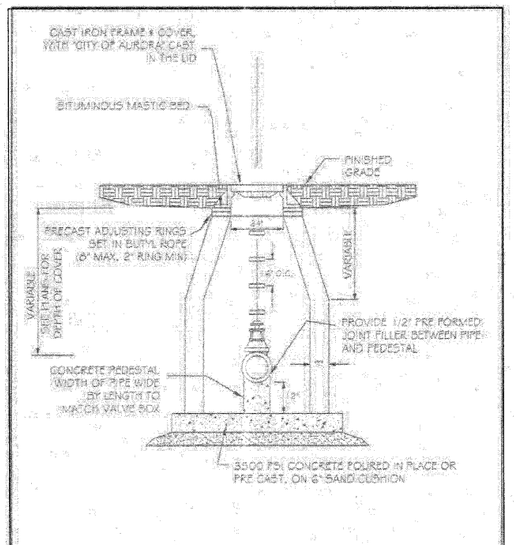


AURORA ENGINEERING

REVISIONS DATE	BY	

TYPICAL VALVE BOX

SCALE: NOT TO SCALE | CHECKED: DF | DRAWING NUMBER
DATE: 1/04 | DRAWN: NM | EXHIBIT III-C-5

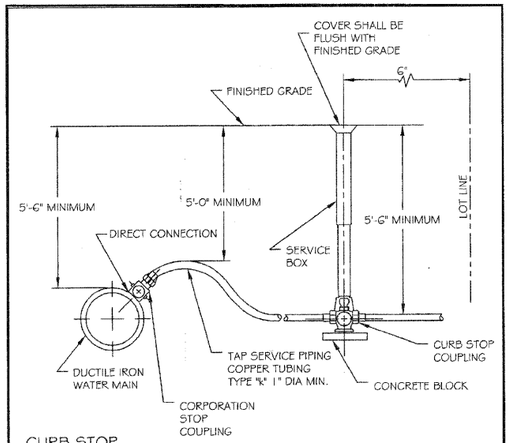


AURORA ENGINEERING

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

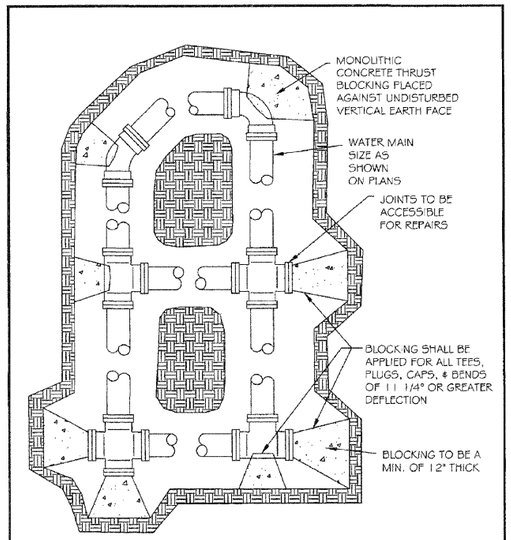
NOTE: FOR ANY WATER MAINS WITHIN THE EASEMENT, B-BOXES MUST ALSO STAY WITHIN THE EASEMENT.

AURORA ENGINEERING

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



AURORA ENGINEERING

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\Sht\Details.Sht01.dgn
PLOT SCALE = NONE
USER NAME = JUDEL