

P E R M I T

CITY OF NAPOLEON  
255 W. RIVERVIEW AVE  
NAPOLEON, OHIO 43545

DIVISION OF BUILDING & ZONING  
PH (419) 592-4010  
FAX (419) 599-8393

PERMIT NO: 97053      DATE ISSUED: 03-04-97      ISSUED BY: BND  
JOB LOCATION: 701 BRIARHEATH AVE      EST. COST: 2500.00

LOT #:      SUBDIVISION NAME:

OWNER: NAPOLEON CITY SCHOOLS  
ADDRESS: 701 BRIARHEATH AVE  
CSZ: NAPOLEON, OH 43545  
PHONE: 419-599-7015

AGENT: BABCOCK L R PLBG & H  
ADDRESS: 387 E TWP RD R  
CSZ: NAPOLEON, OH 43545  
PHONE: 419-592-5941

USE TYPE - RESIDENTIAL:

OTHER: COMMERCIAL

ZONING INFORMATION

DIST:      LOT DIM:      AREA:      FYRD:      SYRD:      RYRD:  
MAX HT:      # PKG SPACES:      # LOADING SP:      MAX LOT COV:

BOARD OF ZONING APPEALS:

WORK TYPE - NEW: X      REPLMNT:      ADD'N:      ALTER:      REMODEL:

WORK INFORMATION

DEPTH - LGTH:      WIDTH:      STORIES:      LIVING AREA SF:  
GARAGE AREA SF:      HEIGHT:      BLDG VOL DEMO PERMIT:

WORK DESCRIPTION

WATER TAP FOR BUS GARAGE

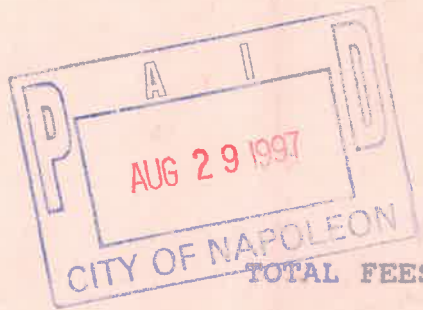
FEE DESCRIPTION

PAID DATE

FEE AMOUNT DUE

WATER TAP PERMIT

1475.05



TOTAL FEES DUE

1475.05

DATE

APPLICANT SIGNATURE



# NAPOLEON AREA SCHOOLS

## BOARD OF EDUCATION

Robert L. Limbird, President  
Michael J. Wesche, Vice President  
Thomas J. Baughman, Member  
Bonnie L. Eddy, Member  
John S. Stovcsik, Member

Marilyn S. Wreede, Treasurer



701 Briarheath Drive, Suite 108  
Napoleon, Ohio 43545

*Kenneth M. Hawley, Superintendent*

## ADMINISTRATION OFFICES

Michael J. Barabash  
Assistant Superintendent

701 Briarheath Drive, Suite 108  
Napoleon, Ohio 43545  
Phone 419-599-7015  
FAX 419-599-7035

TO: Adam Hoff   
FROM: Mike Barabash, Kenneth Hawley   
RE: Buckenmeyer Stadium concession stand  
January 7, 2000

This is to inform you that the Napoleon Area City Schools acknowledges that the Buckenmeyer Stadium Committee has requested an additional water/electric meter to be installed at the new concession stand, and also commit to pay the meter charges and usage costs related to this installation.



# City of NAPOLEON, OHIO

255 WEST RIVERVIEW AVENUE, P.O. BOX 151  
NAPOLEON, OHIO 43545-0151  
(419) 592-4010  
FAX (419) 599-8393



★May 22, 1998

Mayor  
Donald M. Stange

Members of Council  
Michael J. DeWit, President  
Robert G. Heft  
James Hershberger  
David F. Miller  
Travis B. Sheaffer  
Char Weber  
Terri A. Williams

City Manager  
Jon A. Bisher

Finance Director  
Gregory J. Heath

Law Director  
David M. Grahn

City Engineer  
Adam C. Hoff, P.E.

Mr. Ken Hawley, Superintendent  
Napoleon City Schools  
701 Briarheath Ave.  
Napoleon, Ohio 43545

Re. Easement bus garage water & sewer lines.

Dear Ken

This letter is a request for your help in acquiring easement descriptions for the water and sewer lines which were installed for the new bus garage at the High School. The City of Napoleon will assume ownership and maintain the water and sewer mains which feed to the bus garage as soon as proper easements are secured. Without the easements descriptions we cannot develop the easement documents or accept the improvements.

If you have questions or need more information please call.

Sincerely

A handwritten signature in cursive script that reads "Brent N. Damman".

Brent N. Damman  
Zoning Administrator

cc. Adam C. Hoff, P.E., City Engineer



# City of NAPOLEON, OHIO

255 WEST RIVERVIEW AVENUE, P.O. BOX 151  
NAPOLEON, OHIO 43545-0151  
(419) 592-4010  
FAX (419) 599-8393



## Fax Transmission

Mayor  
Donald M. Stange

To: Jeary Overman

Attention: \_\_\_\_\_

Members of Council  
Michael J. DeWit, President  
Dennis Filgor  
James Hershberger  
Glenn A. Miller  
Travis B. Sheaffer  
Char Weber  
Terri A. Williams

Fax Number: 782-8722

Number of Pages, Including This One: 3

From: Lunt Damman

Date: 8-6-97 Time: \_\_\_\_\_

City Manager  
Marc S. Gerken, P.E.

Operator: \_\_\_\_\_

Finance Director  
Gregory J. Heath

Comments:  
This garage water tap.

Law Director  
David M. Grahn

City Engineer  
Adam C. Hoff, P.E.

Please call (419) 592-4010 if you have any trouble receiving this Transmission or you did not receive the number of pages shown above.





## HIGHSCHOOL 2" TAP

2" SDR 9 TUBING X \$.90 PER FT.	\$ 13.50
8" x 2" BRONZE TAP SADDLE	48.21
2" COMPRESSION CURBSTOP	119.00
2" COMPRESSION CORPORATION	77.00
2-2" S.S. STIFFENERS \$3.75 EA.	7.50
5' BURY CURB BOX W/ROD	25.00
ENLARGED HOSE FOR CURB BOX	11.00
2-MEN 4 HOURS GENERAL LABOR \$20.00 PER HR. EA.	160.00
1 1/2" COPPERSETTER	285.00
1 1/2" WATER METER	289.00
1 1/2" STRAINER	145.00
TOTAL	\$1180.21
PLUS 25%	\$ 295.05
GRAND TOTAL	\$1475.05

APPROVED



# NAPOLEON AREA SCHOOLS

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Thomas J. Baughman, Member  
Bonnie L. Eddy, Member  
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701 Briarheath Drive, Suite 108  
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*Kenneth M. Hawley, Superintendent*

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Assistant Superintendent

701 Briarheath Drive, Suite 108  
Napoleon, Ohio 43545  
Phone 419-599-7015  
FAX 419-599-7035

TO: Adam Hoff  
FROM: Mike Barabash  
RE: Buckenmeyer Stadium concession stand  
January 7, 2000

This is to inform you that the Napoleon Area City Schools acknowledges that the Buckenmeyer Stadium Committee has requested an additional water/electric meter to be installed at the new concession stand, and also commit to pay the meter charges and usage costs related to this installation.



**RECEIVED**  
JAN 10 2000  
CITY OF NAPOLEON



## Memorandum

To: Jon A. Bisher - City Manager  
From: Adam C. Hoff, P.E. - City Engineer *ACH*  
cc: David Grahn, Greg Heath, Jeff Marihugh  
Date: January 10, 2000  
Subject: Buckenmeyer Stadium Concession Stand

In my review of the site plan submitted for the referenced project, I commented that a letter from the schools would be required. Attached is a letter I received from Mike Barabash stating that the schools would be obligated to pay the meter charges. Is this letter sufficient, or should another be drafted? Please let me know so that I may contact the schools.

If you have any questions or require additional information, please see me.  
Thank you.

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# City of Napoleon

**Fax Cover** This is a confidential message, intended solely for the person to whom it is addressed. If you receive this message in error, please forward it to the correct person, or mail it back to us. Thank you.

**To** Steve Roby

**Fax No.** (419) 256-7005

**From** Adam C. Hoff, P.E. - City Engineer *ACH*

**Date** 01/06/2000

**Subject** Concession Stand Plan Review

**Pages** 1, including this one

Based upon Staff review of the site plan submitted for the referenced project, we have developed the following comments:

1. A plan review fee of \$25.00 is required. Tap charges will also be required for the water and sewer taps. These costs will follow at a later date.
2. A letter from the Napoleon Area Schools, stating that they will accept the responsibility for all monthly charges for the proposed facility, needs to be submitted to my office.
3. A detail of the water meter and backflow device needs to be shown on the prints. The City will provide a detail for your use.
4. The backflow device shall be a reduced pressure principle device (RP).

If you have any questions, please call me at 592-4010. Thank you.

c: Jon Bisher, Brent Damman, Lynn Hancock, Jeff Marihugh

255 W. Riverview Ave.  
Napoleon, Ohio 43545

(419) 592-4010 Phone  
(419) 599-8393 Fax





# Memo

To: Adam C. Hoff, City Engineer  
From: Jeffrey C. Marihugh, Operations Superintendent  
Date: January 27, 2000  
Re: Buckenmeyer Stadium Concession Stand

J.C.M.

In an effort to finalize the plan review of the above mention project, I have approached Brent about calculating the water requirements. Brent came up with 465 fixture units, which requires approximately 60 gallons per minute (see attachment). Based on our previous conversation about meter sizing, a 2" disc type meter will suffice. A 2" disc meter flow range is 2 gpm to 160 gpm, sized at 75% of flow will deliver 120 gm and provide optimum performance.

In regards to meter location and layout, please refer to attached drawing, please note the City will provide a copper meter setter complete with valves and by pass; the cost of which is included in the tap charge. The backflow device that will be required is a RPZ due to the fact that fountain pop will be utilized. The RPZ must be mounted directly on the outlet side of the meter setter, also an expansion tank will be required as per building codes.

Finally, based on our past conversations on line location, sizing and tapping issues, please find the attached tap fee for the project, along with the City of Napoleon's standard drawing for 2" taps

Should you have any questions regarding this matter, or require further information, please feel free to contact my office.

cc: Charlie Heinze, Water Distr. Foreman



## 4" TAP FEE FOR BUCKENMEYER STADIUM

### **Material:**

1 - 8" x 4" tap sleeve	\$ 402.53
1 - 4" tap valve	\$ 270.00
1 - 3 piece valve box	\$ 85.00
1 - 2" coppersetter	\$ 365.00
1 - 2" disc meter	\$ 429.05
1- 4" tap per contractor	<u>\$ 400.00</u>
sub-total	\$1,951.58

### **Labor:**

Backhoe w/operator - 4 hours @ \$70/hour	\$ 280.00
General labor - 4 hours; 1 man @ \$25/hour	\$ 100.00
Service truck w/operator - 4 hours @ \$40/hour	<u>\$ 160.00</u>
sub-total	\$ 540.00
upper sub-total	<u>\$1,591.58</u>
TOTAL	\$2,491.58
25% up charge	<u>\$ 622.90</u>
<b>Grand Total</b>	<b>\$3,114.48</b>



SPIPE

ELITE SOFTWARE SERVICE SUPPLY PIPE SIZING PROGRAM

C:SPIPE

DEMAND GPM CURVES  
EDIT CURVE NUMBER: 10 (1-10)  
CURVE DESCRIPTION: Last One

FIXTURE UNITS	-	DEMAND GPM
10		10
25		20
50		30
100		40
250		50
500		60
750		70
1000		80
1500		90
2000		100
3000		110
10000		120

ENTER/EDIT DEMAND GPM CURVES

PgUp-PREV

PgDn-NEXT

ESC-EXIT

F10-HELP



SPIPE

ELITE SOFTWARE SERVICE SUPPLY PIPE SIZING PROGRAM

C:SPIPE

EDIT PAGE NUMBER: 1 (1-8) PLUMBING FIXTURE DATA

FIXTURE TYPE OR FIXTURE GROUP	PRIMARY TYPE OF OCCUPANCY AND/OR CONTROL	WT. IN FIX. UNITS	MIN. FLOW PRES.	MIN. FLOW GPM	FIX. COST --\$--	LABOR COSTS --\$--
1. Water Closet	Public	10	15	25	100	25
2. Water Closet	Public	5	15	3	100	25
3. Pedestal Urinal	Public	10	15	15	260	30
4. Stall or Wall Urinal	Public	5	15	15	260	30
5. Stall or Wall Urinal	Public	3	15	3	260	30
6. Lavatory	Public	2	2	1	90	25
7. Bathtub	Public	4	5	6	350	45
8. Shower Head	Public	4	12	5	40	25
9. Service Sink	Office, etc	3	10	4.5	210	25
10. Kitchen Sink	Hotel, Rest.	4	5	4.5	100	25
11. Water Closet	Private	6	10	15	100	25
12. Water Closet	Private	3	6	15	100	25

ENTER/EDIT PLUMBING FIXTURE DATA

PgUp-PREV PgDn-NEXT

ESC-EXIT F10-HELP





SPIPE

ELITE SOFTWARE SERVICE SUPPLY PIPE SIZING PROGRAM

C:SPIPE

EDIT PAGE NUMBER: 2 (1-8) PLUMBING FIXTURE DATA

FIXTURE TYPE OR FIXTURE GROUP	PRIMARY TYPE OF OCCUPANCY AND/OR CONTROL	WT. IN FIX. UNITS	MIN. FLOW PRES.	MIN. FLOW GPM	FIX. COST --\$--	LABOR COSTS --\$--
13. Lavatory	Private	1	3	2	8	5
14. Bathtub	Private	2	5	5	350	45
15. Shower Head	Private	2	12	5	50	20
16. Bathroom Group	Private	8	10	4.5	240	80
17. Bathroom Group	Private	6	10	4.5	200	80
18. Separate Shower	Private	2	12	15	70	35
19. Kitchen Sink	Private	2	5	4.5	90	25
20. Clothes Washer	Private	3	10	15	40	15
21. Combination Fixture	Private	4	5	8	190	50
22. Dishwasher	Private	2	15	15	380	45
23. Electric Water Coolr	Public	0.50	3	1	0	0
24. Wall hydrant	Public	1	3	3	0	0

ENTER/EDIT PLUMBING FIXTURE DATA

PgUp-PREV PgDn-NEXT

ESC-EXIT F10-HELP



Quantity	Type	wfu ea	Total
21	Toilet flush valve	10	- 210
8	Urinals	10	- 210
15	Lavatory	2	- 30
3	K-sink	4	- 12
1	Map basin	3	- 3
	Total wfu		- 465



## Flow Ranges

Meter Size	Low Flow Gpm 95%	Normal Operating Range Gpm 100 ± 1.5%	Max Flow Gpm
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### Neptune T-10

3/8"	1/8	1/2 - 20	
3/8" x 3/4"	1/8	1/2 - 20	
3/4"	1/4	3/4 - 30	
3/4" SL	1/4	3/4 - 30	
3/4" x 1"	1/4	3/4 - 30	
1"	3/8	1 - 50	
1" x 1 1/4"	3/8	1 - 50	
1 1/2"	3/4	1 1/2 - 100	
2"	1	2 - 160	

### Neptune HP Turbines

1 1/2"		4 - 160	200
2"		4 - 200	250
3"		5 - 450	560
4"		10 - 1200	1500
6"		20 - 2500	3100
8"		35 - 4000	5000
10"		50 - 6500	8000
12"		120 - 8000	10000
16"		200 - 13500	16500
20"		300 - 22000	27500

### Neptune Tru/Flo Compounds

2"	1/8	1/2 - 200	250
3"	1/8	1/2 - 450	450
4"	1/2	1 - 1000	1000
6"	3/4	1 1/2 - 2000	2000
6" x 8"	3/4	1 1/2 - 2000	2500

### Neptune HP Fire Service Turbines

3"		5 - 450	560
4"		10 - 1200	1500
6"		20 - 2500	3100
8"		35 - 4000	5000
10"		50 - 6500	8000

### Neptune HP Protectus III

4"	3/8	3/4 - 1200	1500
6"	3/4	1 1/2 - 2500	3100
8"	1	2 - 4000	5000
10"	1	2 - 6500	8000



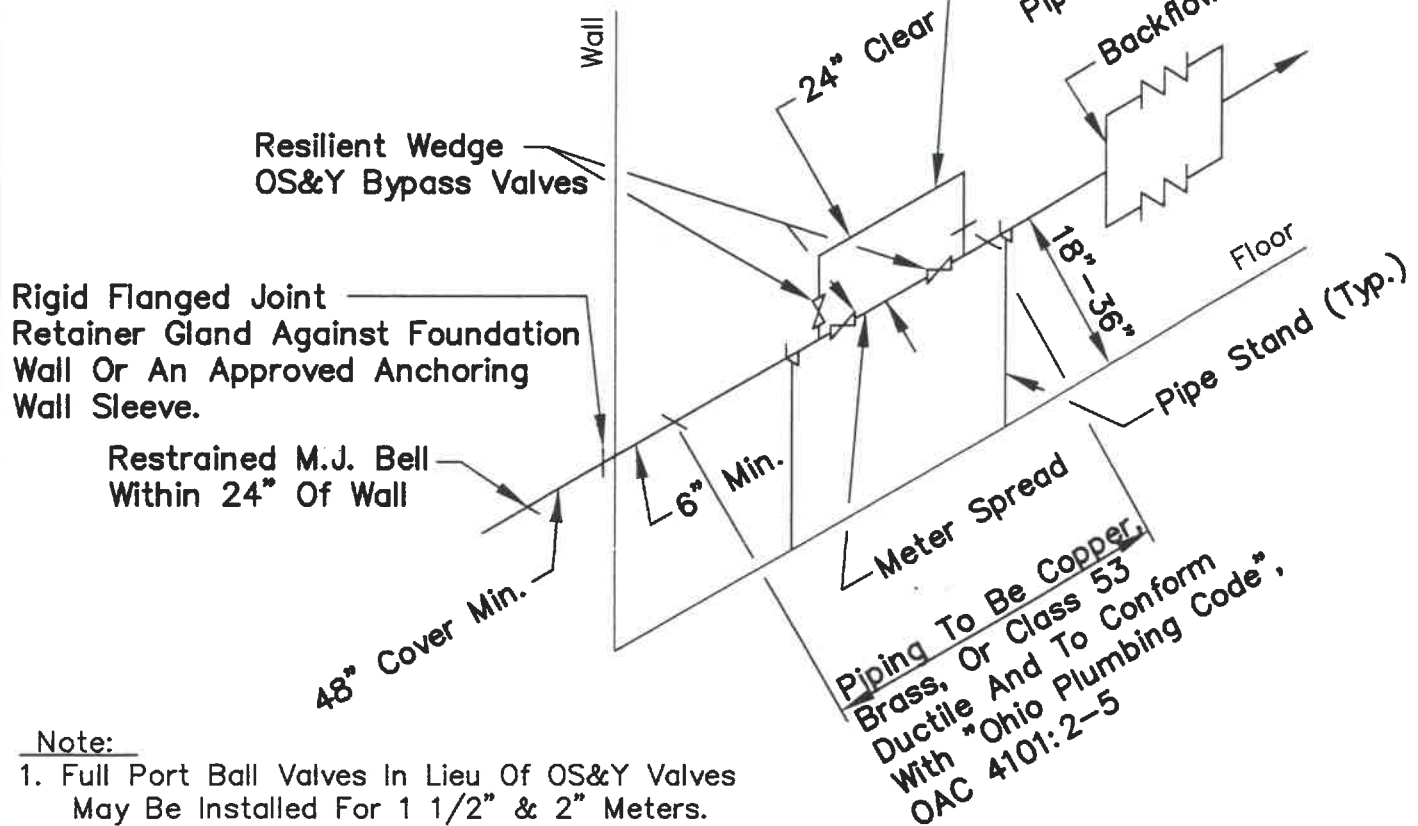
## Typical Large Meter Layout In Building

For 4" And Greater Services:

Piping Shall Be D.I.P.  
 Class 53 To Rigid Flange.  
 From Rigid Flange Through  
 Meter Valves & Bypass To  
 Be Ductile, Copper, Or Brass.

For 1 1/2" & 2" Services:

Water Dept. Recommends The  
 Use Of Copper Piping Through  
 Backflow Devices



Note:

1. Full Port Ball Valves In Lieu Of OS&Y Valves May Be Installed For 1 1/2" & 2" Meters. Must Be Lockable.
2. Bypass Mandatory For All Meters. Bypass Valves To Be Lockable.
3. Dual Installation For Backflow Prevention Devices Is Optional For 1 1/2"-2" Meters.
4. Alternate Designs May Be Submitted To Water Engineering For Approved.
5. Provide Spreader Device For Proper Alignment On Installation Of Meter Spread.
6. No Flange Adapters Before Initial Shut-Off Valve(s).

Note:

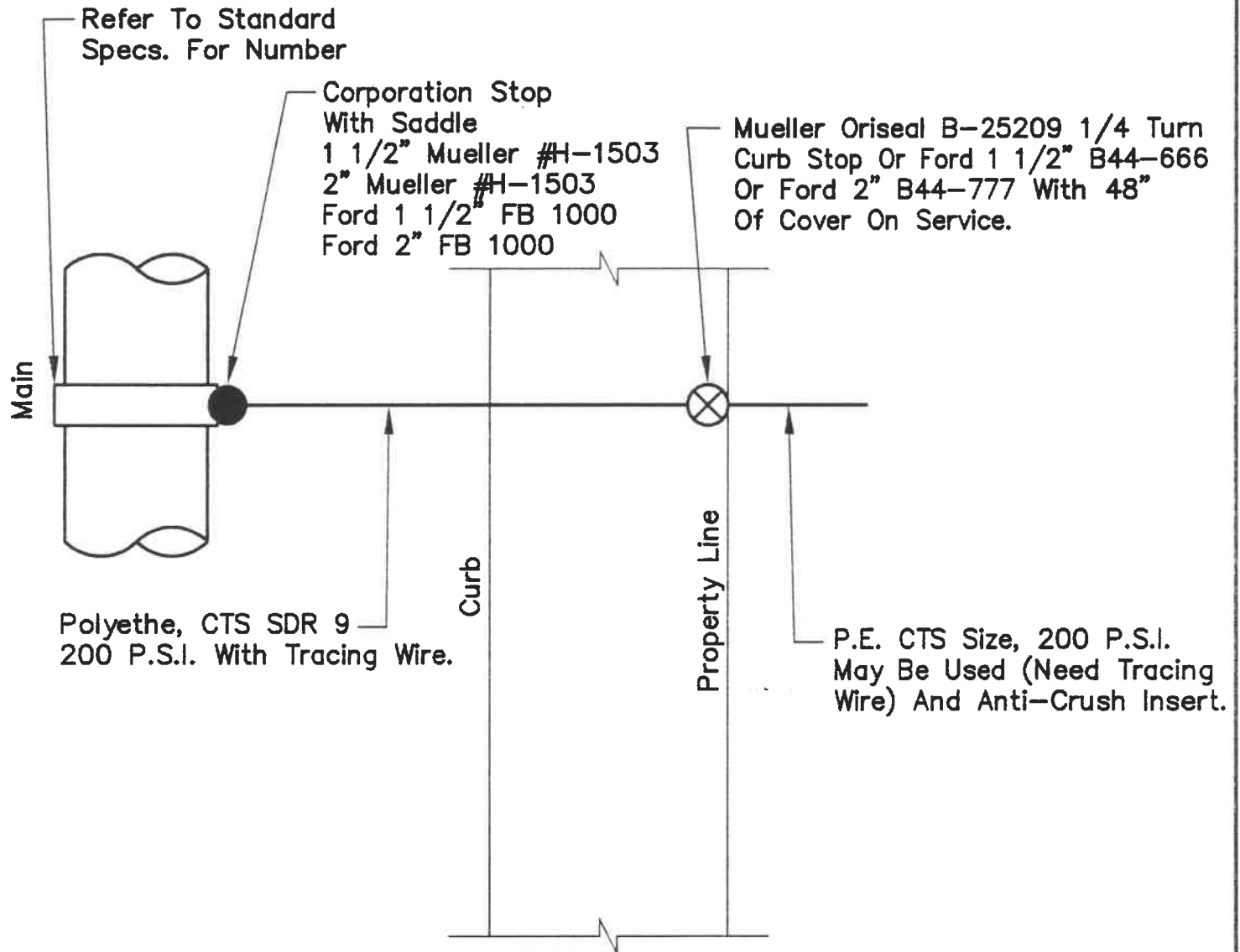
Meter Spread To Be Supplied Upon Request

<p style="text-align: center;"><b>CITY OF NAPOLEON</b>  <b>ENGINEERING DEPARTMENT</b>                  PO BOX 151 / 255 W. RIVERVIEW AVE.                  NAPOLEON, OHIO 43545                  PHONE NO. (419) 592-4010                  FAX NO. (419) 599-8393</p>	<p style="text-align: center;">City Of Napoleon  <b>Water Distribution Dept.</b>                  Typ. Service Installation</p>	<p>DATE: 02/11/97                  DRAWN BY: M.B.S.                  APPROVED BY: J.C.M.                  SCALE: NTS</p>
SHEET ___ OF ___		





# 1 1/2" & 2" Services



Note:

Stop Valve Required Immediately After Service Enters Building.

<p style="text-align: center;"><b>CITY OF NAPOLEON</b>  <b>ENGINEERING DEPARTMENT</b>                  PO BOX 151 / 255 W. RIVERVIEW AVE.                  NAPOLEON, OHIO 43545                  PHONE NO. (419) 592-4010                  FAX NO. (419) 599-8393</p>	<p>City Of Napoleon  <b>Water Distribution Dept.</b>  <b>Typ. Service Installation</b></p>	<p>DATE: 02/11/97                  DRAWN BY: M.B.S.                  APPROVED BY: J.C.M.                  SCALE: NTS                  SHEET ___ OF ___</p>
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