Time: _____
Date: _____
Project: _____
Address _____

REQUIREMENTS FOR NEW WATER SERVICE
2" & LARGER TAPS
FROM
DES MOINES WATER WORKS

SUBMIT DIRECTLY TO
DES MOINES WATER WORKS ENGINEERING DEPT
2201 GEORGE FLAGG PARKWAY.

FAILURE TO DO SO MAY RESULT
IN CONSTRUCTION DELAYS!

Des Moines Water Works
Water You Can Trust for Life

MATT SMITH
Engineering Department
Des Moines Water Works
Water You Can Trust for Life
2201 George Flagg Parkway | Des Moines, Iowa 50321-1190
(515) 323-6204 | CELL (515) 208-1971 | FAX (515) 283-2610
msmith@dmww.com

SANDY DAVIDSON
Engineering Department
Des Moines Water Works
Water You Can Trust for Life
2201 George Flagg Parkway | Des Moines, Iowa 50321-1190
(515) 283-8781 | FAX (515) 283-2610 | sdavidson@dmww.com

Des Moines Water Works
Water You Can Trust for Life

Matt Smith//Sandy Davidson

Pre-Application Conference Comments from Des Moines Water Works

Date: _____
Time: _____

Project Name: _____

Project Location: _____

Comments:

SUBMIT ALL REQUIRED INFORMATION DIRECTLY TO DES MOINES WATER WORKS

- **All New Water Services** must comply with Des Moines Water Works Rules & Regulations. Copies of Des Moines Water Works Rules & Regulations are available for a fee of $20 each at the DMWW office. The current Rules & Regulations may also be accessed at www.dmww.com.

- **All New Water Services 2 Inches in Diameter and Larger** require submittals for review by Des Moines Water Works Engineering Department. A handout is provided at this meeting which outlines the required materials for review.

- **DNR standards** require that any water main installed in areas of groundwater contaminated by organic compounds **MUST** be constructed of materials which do not allow permeation of these compounds into the drinking water supply. It is the responsibility of the design engineer to do this research.

- **Water is Available to this Site** through the existing _____ water main in _____.
  A map is provided at this meeting showing the location of the above-referenced water main.
  Additional water mains available to this site: _____.

- **Any Existing Water Service Stubs** that front the site being developed must be cut at the main if they are not to be reused for this project. Water service stubs may only be reused if approved by DMWW Engineering and DMWW Distribution Departments.

- **System Development Fees** are required for all new water services in the City of Des Moines after June 1, 1998. System Development Fees will be based on tap size and are as follows:

	1 inch	2 inch	4 inch	6 inch	8 inch	12 inch
Domestic Services:	$360	$900	$2,900	$21,600	$45,000	$72,000
Fire Services:	$120	$300	$1,000	$7,200	$15,000	$24,000

  System Development Fees for projects with both fire and domestic or any combination of multiple services will be the total of all services added together. Projects with metered combination fire and domestic services (master metered) shall be considered domestic services with fees being charged accordingly.

- **Electronic copy of final plan**

Additional Comments:

REQUIREMENTS FOR NEW WATER SERVICE
from
DES MOINES WATER WORKS

- **ALL NEW WATER SERVICES MUST COMPLY WITH DES MOINES WATER WORKS RULES & REGULATIONS.** Paper copies of Des Moines Water Works Rules & Regulations are available for a fee of $20 each. Electronic copies are available at www.dmww.com.

The following submittals are required for review by the Des Moines Water Works (DMWW) Engineering Department prior to any water service taps 2 inches in diameter or larger being allowed on any water main owned or maintained by the DMWW. **Please allow a minimum of five working days for this review upon receipt of ALL submittals.**

- **GENERAL INFORMATION**

Project Name _____
Address _____

Owner/Developer's Name_____
Address _____e-mail:_____
Telephone #_____ FAX #_____

Project Manager/Coordinator Name_____
Address _____e-mail:_____
Telephone #_____ FAX #_____

Site Plumbing Contractor's Name_____
Address _____e-mail:_____
Telephone #_____ FAX #_____

Building Plumbing Contractor's Name_____
Address _____e-mail:_____
Telephone #_____ FAX #_____

Please use the following check list to ensure submittals are complete:

- **BILLING INFORMATION** must include the following:
  - ☐ Tap fee: name, address, and account number
  - ☐ System development fee: name, address, and account number

- **SERVICE SIZES**:
  - ☐ Domestic:
  - ☐ Fire:
  - ☐ Irrigation:

- **SITE PLAN** must include the following:
  - ☐ Existing and proposed building(s) with addresses
  - ☐ Legal description, including subdivision and lot number
  - ☐ North arrow
  - ☐ Existing and proposed paved areas for parking lots, driveways, sidewalks, streets, and right-of-way lines
  - ☐ Existing Water Works owned mains with main size and relative location with respect to right-of-way lines and existing curb lines
  - ☐ Location of the proposed tap, proposed valve location(s), and routing of proposed service main within public right-of-way and on private property. In general, valves located on private property for the individual fire and domestic service(s) must be located in paved, non-parking areas such as driveways, drive areas, and sidewalks. Valves must be located in such a manner as to permit operation by the Water Works 24 hours a day. The service mains must be routed accordingly. Location of meter pit (when required)
  - ☐ Show all hydrants, valves, and fittings.
  - ☐ Location of proposed and/or existing building(s) on property to be served by service main.
  - ☐ Dimensions for clarity
  - ☐ Include statement that all service main work is to be completed according to Des Moines Water Works Standard Specifications.

- **PLUMBING PLANS** must include the following information:
  - ☐ Interior plumbing (detail of service entry showing piping up to and including meter and backflow)
  - ☐ Meter location in meter pit (when required)
  - ☐ Fire service (detail of riser, piping, fire hydrants, etc.)
  - ☐ Backflow prevention:
    Submit mechanical drawing showing the size, model, and location of the backflow prevention device, if required.
    Refer to DMWW's Rules and Regulations for containment, pp. 506-1 & 2.
    Must comply with City of Des Moines and State of Iowa Plumbing Codes.
  - ☐ Plumbing Permit Number

- **LOAD PROFILE** must include the following information:
  - ☐ Domestic (maximum anticipated flows expressed in gpm or fixture units)
  - ☐ Fire service (maximum anticipated flows expressed in gpm)
  - ☐ Irrigation flows (maximum anticipated flows expressed in gpm)

- **FIRE DEPARTMENT REVIEW FORM** – Submit the **SIGNED** form issued by the City of Des Moines Fire Marshall granting approval for the fire service (if your project includes a private fire service and is located inside Des Moines city limits). Contact Jonathan Lund – 237-1316.

- **SYSTEM DEVELOPMENT FEES** - are required for all new taps inside the city of Des Moines and some areas outside the city limits, call the DMWW Engineering Department for more information. System Development Fees for projects with both fire and domestic or any combination of multiple services will be the total of all services added together. Projects with metered combination fire and domestic services (master metered) shall be considered domestic services with fees being charged accordingly.

- **ELECTRONIC COPY OF FINAL PLAN –** One (1) electronic site plan in a Micro-Station compatible format and positioned in State Plane coordinates.

- **ELECTRONIC COPY OF "AS-BUILT RECORD" DRAWING – One (1) "as-built record drawing" of the service main is to be submitted to the Water Works within 30 days of its construction and before the meter is set**, unless otherwise approved by the Director of Engineering Services.

- **WATER MAIN EXTENSION** - if your project includes a water main extension, call the DMWW Engineering Department for more information.

- **DNR STANDARDS require that any water main/service lines installed in areas of groundwater contaminated by organic compounds MUST be constructed of materials which do not allow permeation of these compounds into the drinking water supply. It is the responsibility of the design engineer to do this research.**

- **Submittals and Inquiries** should be directed to:
  Matt Smith
  Des Moines Water Works Engineering Department
  2201 George Flagg Pkwy
  Des Moines, Iowa 50321-1190
  Phone (515) 323-6204 or (515) 283-8725 or Fax (515) 283-2610
  E-mail – msmith@dmww.com

FIRE DEPARTMENT REVIEW FORM

Fire service to be connected to the Des Moines Water Works' system:

Date:_____

Address: _____

Owner: _____

Size of proposed fire service: _____

Size of water main to be tapped: _____

Tap street: _____

Maximum sprinkler system demand: _____ gpm _____psi

Water supply requirement from on-site hydrants: _____ gpm _____psi

Total fire flow required at connection to DMWW main: _____ gpm _____psi

Size & type of backflow preventer: _____

Flow Test

Hydrant Location: _____

Date tested: _____ Pitot: _____ psi

Static: _____ psi Calc. Flow _____ gpm

Residual: _____ psi Flow @ 20 psi: _____ gpm

All materials and installations must meet all code requirements as specified in the City of Des Moines Uniform Plumbing Code and recognized practice.

Sketch and description of proposed fire service (attach mechanical plan, if available).

Contractor: _____
Address: _____

Phone: _____

Reviewed by: _____, Fire Inspector Date: _____

Fire Prevention Bureau
Des Moines Fire Department
900 Mulberry Street
Des Moines, IA 50309
Telephone: 515-283-4240
Fax: 515-283-4907

DES MOINES WATER WORKS
SCHEDULE OF CHARGES

1. SYSTEM DEVELOPMENT FEE STRUCTURE (effective June 15, 2010)
System development fees are required for all new water services in the City of Des Moines, Pleasant Hill, Cumming, Alleman, and Unincorporated Polk County. System Development Fees will be based on the tap size and are as follows:

Des Moines

	1 inch	2 inch	4 inch	6 inch	8 inch	12 inch
Metered Connections:	$360	$900	$2,900	$21,600	$45,000	$72,000
Fire Service Connections:	$120	$300	$1,000	$7,200	$15,000	$24,000

Pleasant Hill

	1 inch	2 inch	4 inch	6 inch	8 inch	12 inch
Metered Connections:	$1,200	$1,200	$2,900	$21,600	$45,000	$72,000
Fire Service Connections:	$400	$400	$1,000	$7,200	$15,000	$24,000

Cumming

	1 inch	2 inch	4 inch	6 inch	8 inch	12 inch
Metered Connections:	$2,845	$3,530	$5,045	$21,600	$45,000	n/a
Fire Service Connections:	$950	$1,175	$1,680	$7,200	$15,000	n/a

Alleman and Unincorporated Warren County Service Area

	1 inch	2 inch	4 inch	6 inch	8 inch	12 inch
Metered Connections:	$2,000	$3,250	$7,250	$21,600	$45,000	n/a
Fire Service Connections:	$667	$1,083	$2,417	$7,200	$15,000	n/a

Other Unincorporated Service Areas

	1 inch	2 inch	4 inch	6 inch	8 inch	12 inch
Metered Connections:	$1,500	$3,400	$8,800	$21,600	$45,000	n/a
Fire Service Connections:	$500	$1,150	$2,950	$7,200	$15,000	n/a

System Development Fees for projects with both fire and domestic services, or any combination of multiple services, will be the total of all of the System Development Fees added together.

System Development Fees for projects with metered combination fire and domestic services (master metered) shall be considered domestic services with fees being charged accordingly.

System Development Fees for subdivisions will be based upon the number and size of service stubs to be installed within the subdivision. All service stubs within subdivision will be considered domestic stubs unless sufficient evidence is provided to indicate otherwise.

The foregoing System Development Fees shall not imply for connections to a new water main constructed where no water main previously existed or a new water main is constructed to replace a private water main. The System Development Fees in such cases will be determined on a case by case basis and will be determined prior to construction of the new water main.

System Development Fees will not be required for replacement taps of equal size. Existing taps that are less than one inch in diameter and are being replaced with new one-inch taps will not require System Development Fees. Any replacement tap that is to be a larger size than the original tap, other than upsizing to a one-inch diameter tap, will require a fee that will be the difference between the fee for the new tap size and the fee for the original tap size.

2. UNIFORM TAP CHARGES (effective June 15, 2010)

Tap Size	1" *	2"	4"	6"	8"	12"
2" Main	$215					
4" Main	$215	$650	$1,525			
6" Main	$215	$650	$1,525	$1,750		
8" Main	$215	$700	$1,575	$1,775	$2,175	
10" Main	$215	$725	$1,625	$1,850	$2,250	
12" Main	$215	$750	$1,700	$1,850	$2,325	$3,700
14" Main	$215	$900	$1,800	$1,875	$2,400	$3,825
16" Main	$215	$1,000	$1,950	$2,000	$2,525	$3,900
20" CI/DI Main	N/A	$1,100	$2,000	$2,200	$2,700	$4,350
20" Concrete Main	N/A	N/A	$5,725	$6,000	$8,450	$10,000
24" CI/DI Main	N/A	$1,175	$2,050	$2,250	$2,725	$4,400
24" Concrete Main	N/A	N/A	$5,850	$6,150	$7,000	$9,975

* The fee for 1" taps on ASTM D2241 pipe in the former SE Polk system which require a tapping saddle will be $285.

All taps larger than 12" and all taps on mains larger than 24" will be done on a labor-and-materials basis. Price estimates will be quoted.

5.05 MATERIAL FOR SERVICE PIPING 2" AND SMALLER (revised 2007)

505.5.1 All water service pipes through 2" shall be type K copper, red brass, or PEX pipe as specified in Section 505.5.2.

505.5.2 PEX SDR 9 160 psi pipe can be used for 1" – 2" water service installations as follows:

- From the tap to the meter inside the premise on water service replacements. If PEX pipe is used, PEX shall be installed all the way from the stop box meter, from the tap to the stop box, or from the tap to the meter. PEX shall not be used for repairs or partial replacements.
- New water service installations from the tap to the meter inside the premise provided that the entire service line is installed as one installation.

Type K copper is required from the tap to the stop box for all new water services in new developments and all other instances where the water service is stubbed to the stop box. Copper can also be used from the stop box to the meter inside the premise on any service line through 2".

505.5.2.1 PEX pipe shall be installed in casing or bedded with approved backfill material. The minimum requirements for casing shall be SDR 26 PVC or SDR 13.5 HDPE sized to accommodate the service line and tracer wire. Backfill shall be manufactured sand, river sand, or 1/2" pea gravel placed a minimum of 3" below and 4" above the pipe.

505.5.2.2 PEX pipe shall be blue in color for all 1-inch installations.

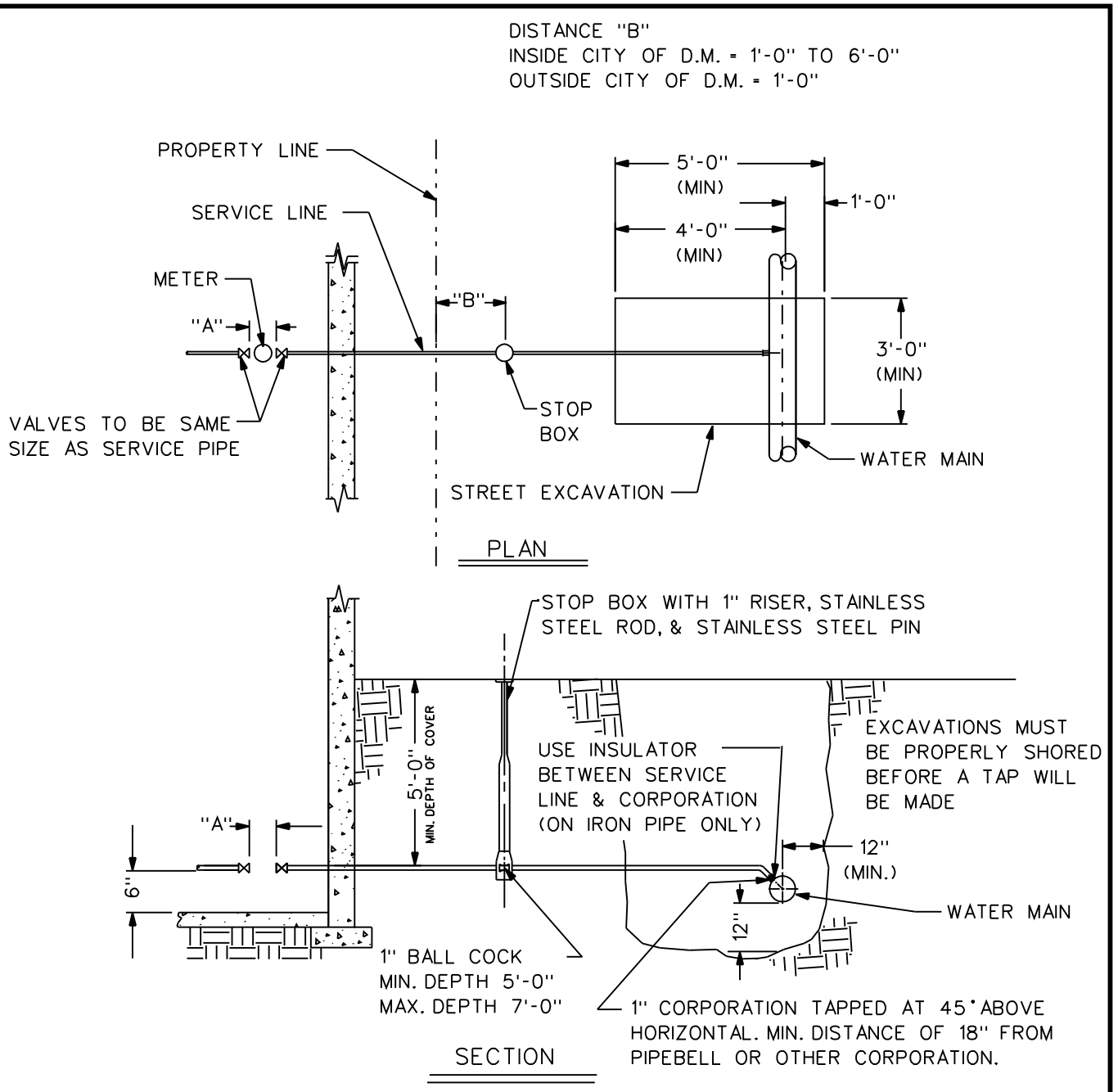
505.5.2.3 PEX pipe shall be installed as one continuous piece from the tap to the stop box. Splicing of PEX pipe between stop box and meter inside the building is discouraged and will only be approved under special circumstances.

505.5.2.4 PEX pipe shall not be used within 200' of a Leaking Underground Storage Tank or in other areas where the soil may be contaminated. You can access IDNR records according to instructions in Figure 36.

505.5.2.5 Tracer wire shall be required when PEX pipe is used. The tracer wire shall be installed according to Des Moines Water Works' specifications (Figure xx). Tracer wire shall be #12 solid single strand copper wire with 45 mil linear low-density polyethylene insulation suitable for direct bury. Insulation shall be blue in color. When conduit is used, the tracer wire shall be placed inside the conduit. When conduit is not used, tracer wire shall be installed alongside the pipe and shall be fastened to pipe with zip ties a minimum of every 5 feet.

505.5.2.6 PEX pipe shall be stored in a way that prevents damage as a result of crushing or piercing, excessive heat, harmful chemicals, or exposure to sunlight for prolonged periods.

505.5.2.7 Joint methods for attaching PEX pipe to fittings shall meet AWWA C904 Standards and ASTM F1960, F2080, or F1807 Specifications. Fittings shall be installed in accordance with PEX Pipe Manufacturers Installation Guidelines and related plumbing codes.

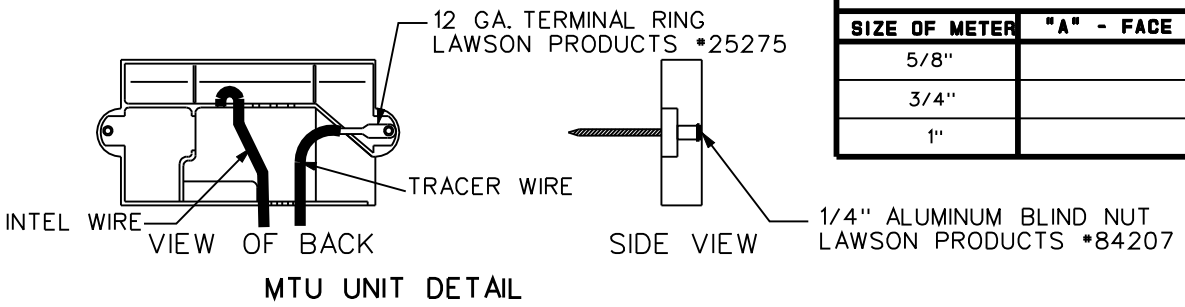


METER SPACING

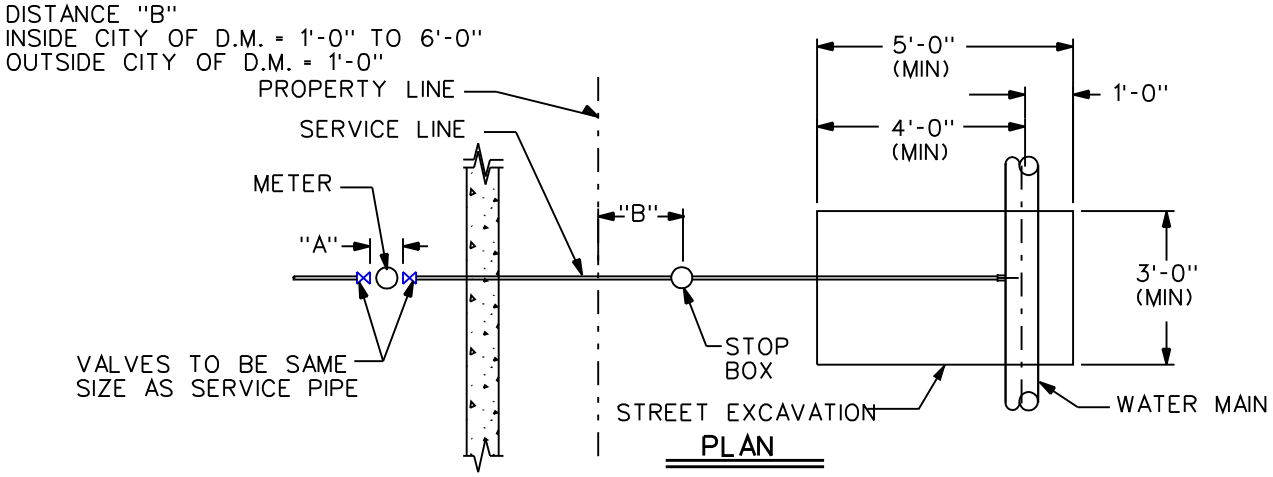
SIZE OF METER	"A" - FACE TO FACE OF VALVES
5/8"	11-3/4"
3/4"	13-3/4"
1"	15-3/4"

SCALE: NONE	Des Moines Water Works Water You Can Trust for Life ENGINEERING DEPARTMENT Des Moines, Iowa	**DETAIL OF 1" COPPER SERVICE INSTALLATION**
DATE: 5-19-1996		
DRAWN BY: DLH		
APPROVED BY: TPC		
REVISED: 3-27-2008 SSD		

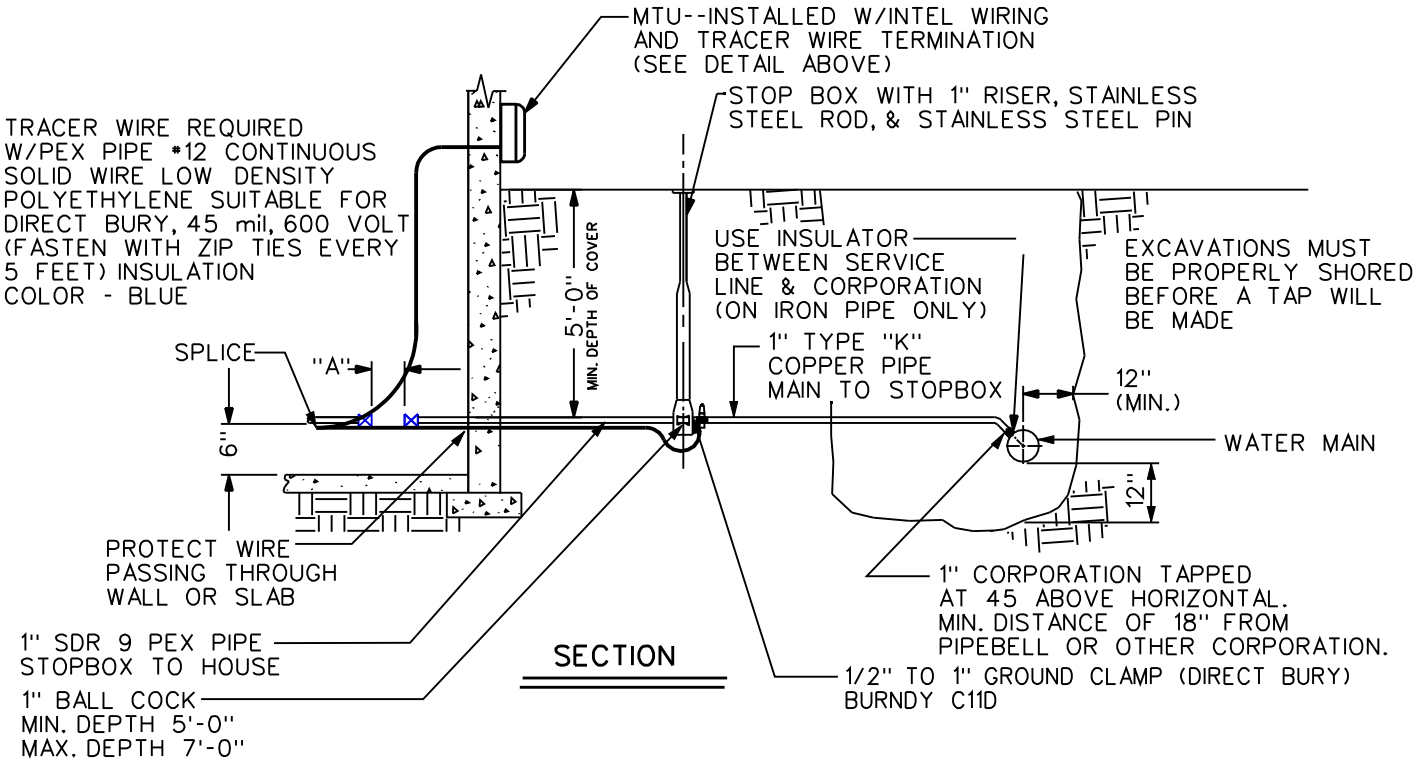
METER SPACING	
SIZE OF METER	"A" - FACE TO FACE OF VALVES
5/8"	11-3/4"
3/4"	13-3/4"
1"	15-3/4"



MTU UNIT DETAIL



PLAN



SECTION

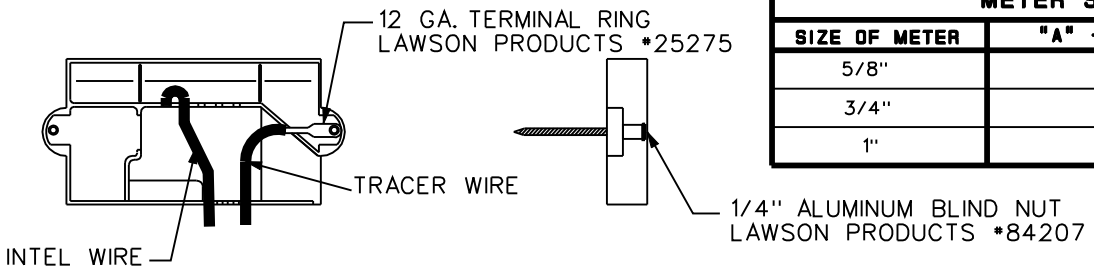
SCALE: NONE
DATE: 5-19-1996
DRAWN BY: DLH
APPROVED BY: TPC
REVISED: 3-27-2008 SSD

Des Moines Water Works
Water You Can Trust for Life
ENGINEERING DEPARTMENT
Des Moines, Iowa

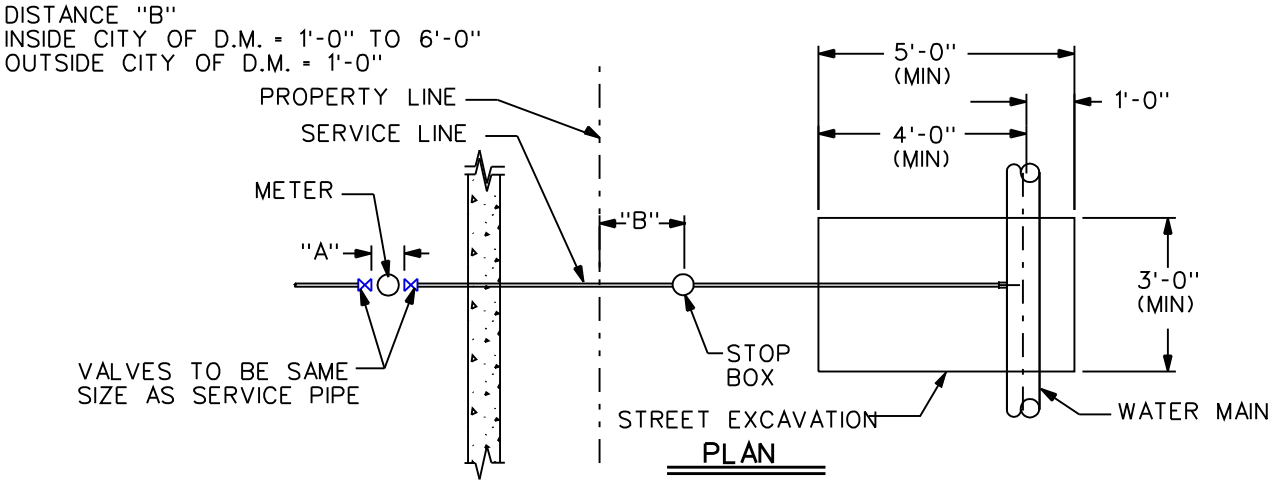
DETAIL OF 1" SERVICE COPPER TO BOX/PEX TO HOUSE

512-1A
FIGURE 1A

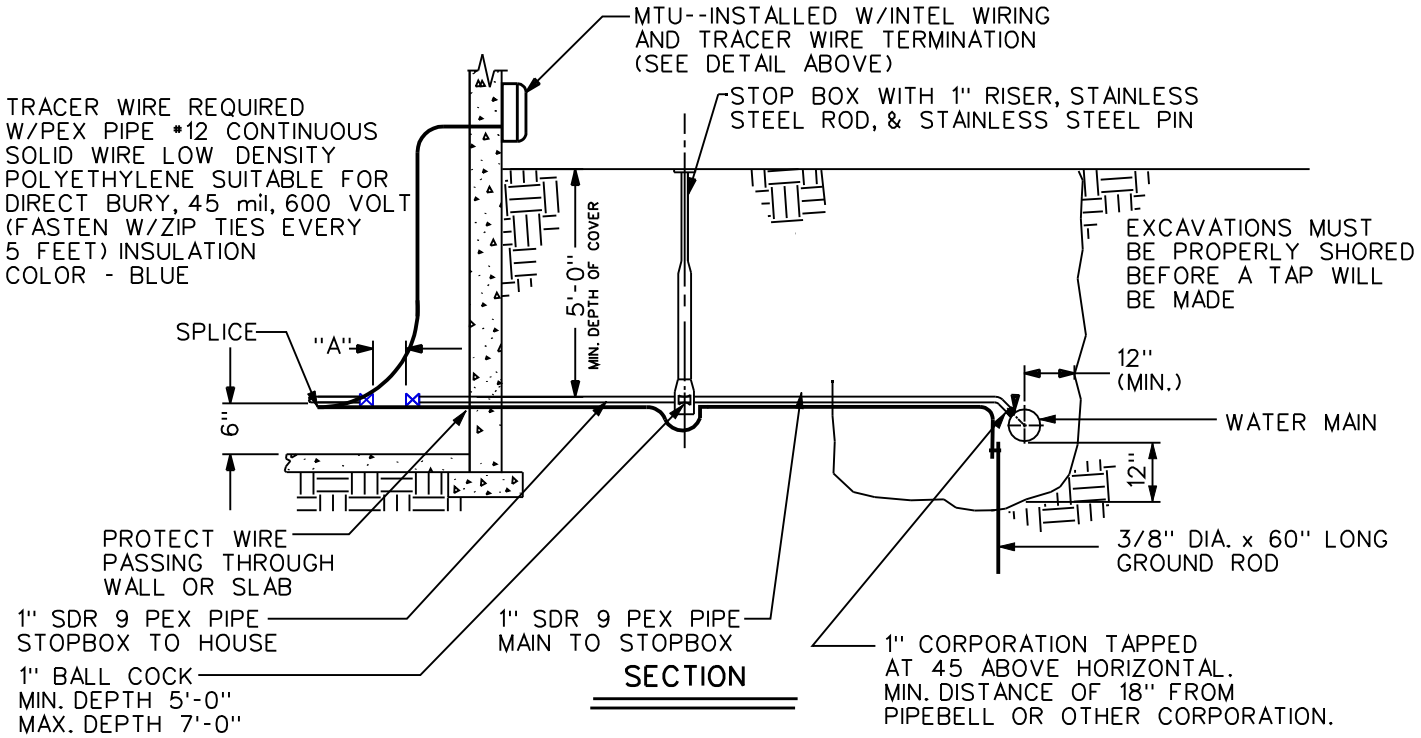
METER SPACING	
SIZE OF METER	"A" - FACE TO FACE OF VALVES
5/8"	11-3/4"
3/4"	13-3/4"
1"	15-3/4"



MTU UNIT DETAIL



PLAN



SECTION

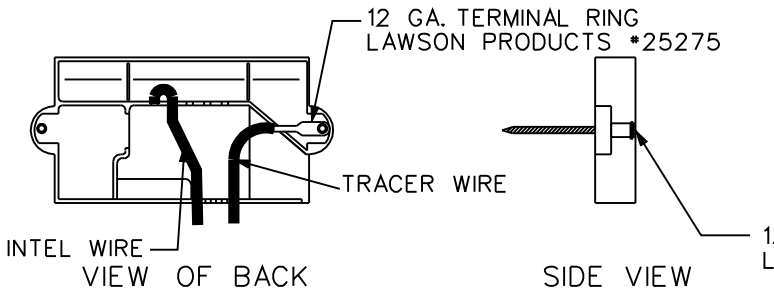
SCALE: NONE	
DATE: 4-13-2007	
DRAWN BY: SSD	
APPROVED BY: TPC	
REVISED: 3-20-2008 SSD	

Des Moines Water Works
Water You Can Trust for Life
ENGINEERING DEPARTMENT
Des Moines, Iowa

DETAIL OF 1" PEX SERVICE INSTALLATION

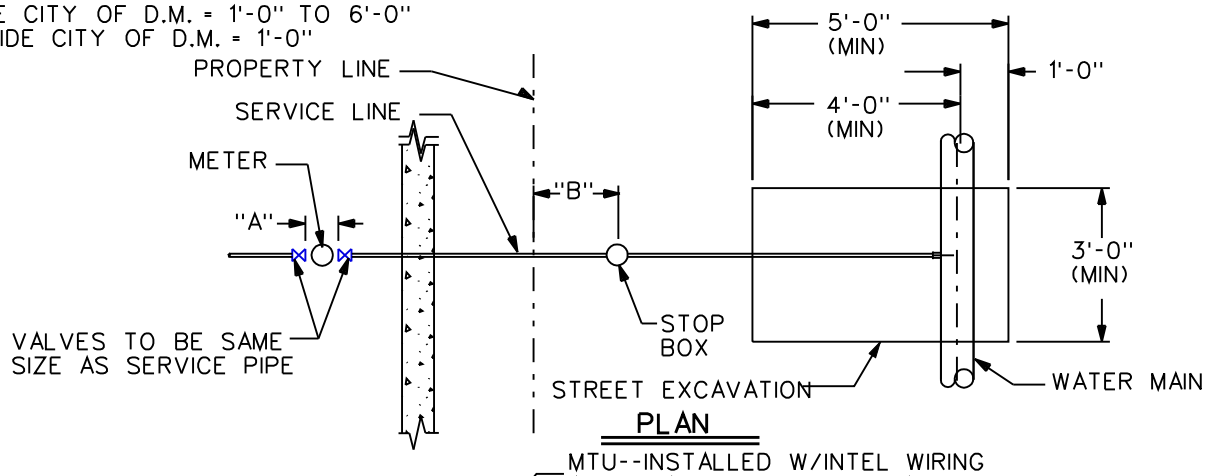
512-1B
FIGURE 1B

METER SPACING	
SIZE OF METER	"A" - FACE TO FACE OF VALVES
5/8"	11-3/4"
3/4"	13-3/4"
1"	15-3/4"

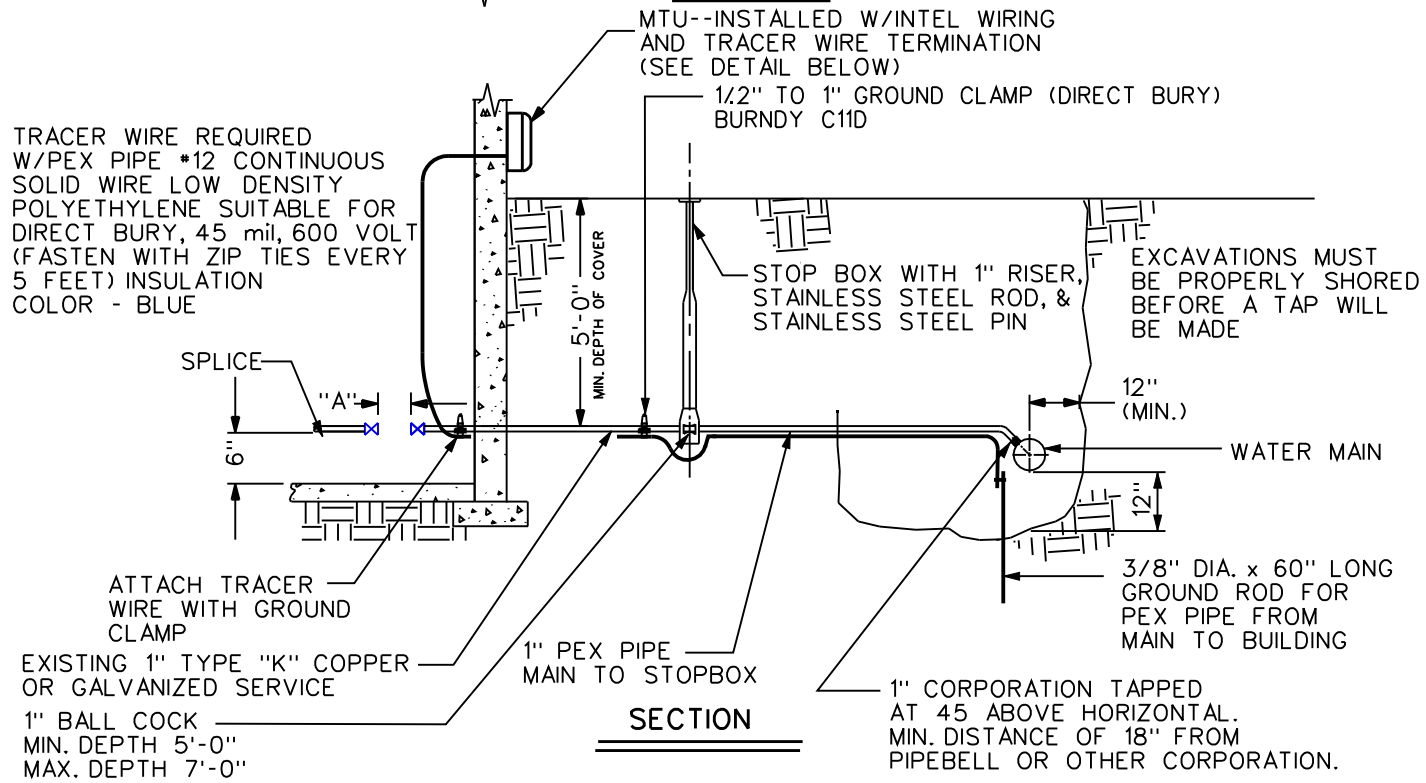


MTU UNIT DETAIL

DISTANCE "B"
INSIDE CITY OF D.M. = 1'-0" TO 6'-0"
OUTSIDE CITY OF D.M. = 1'-0"



PLAN



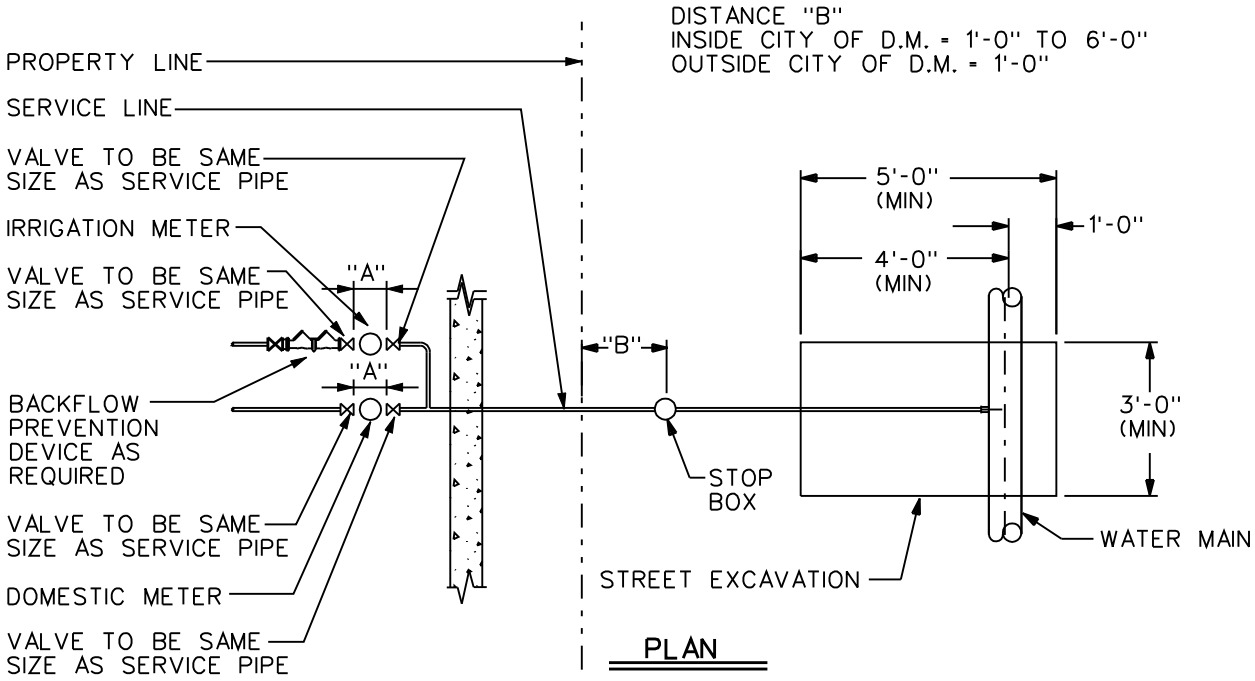
SECTION

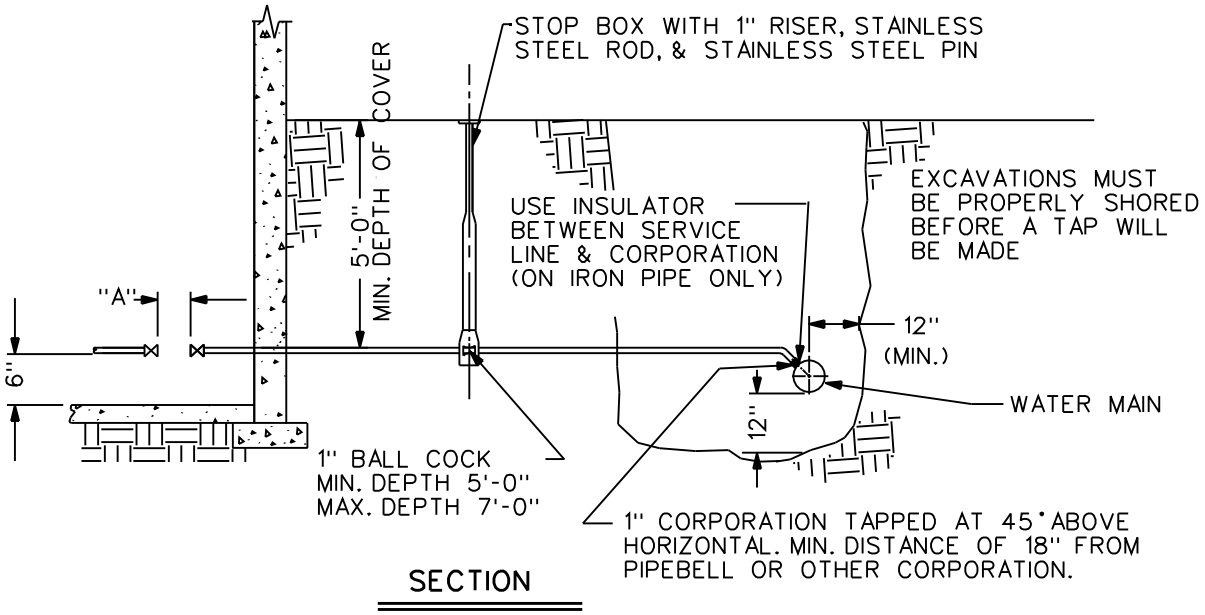
SCALE: NONE
DATE: 4-13-2007
DRAWN BY: SSD
APPROVED BY: TPC
REVISED: 3-20-2008 SSD

Des Moines Water Works
Water You Can Trust for Life
ENGINEERING DEPARTMENT
Des Moines, Iowa

DETAIL OF 1" SERVICE PEX MAIN TO STOPBOX

512-1C
FIGURE 1C





METER SPACING

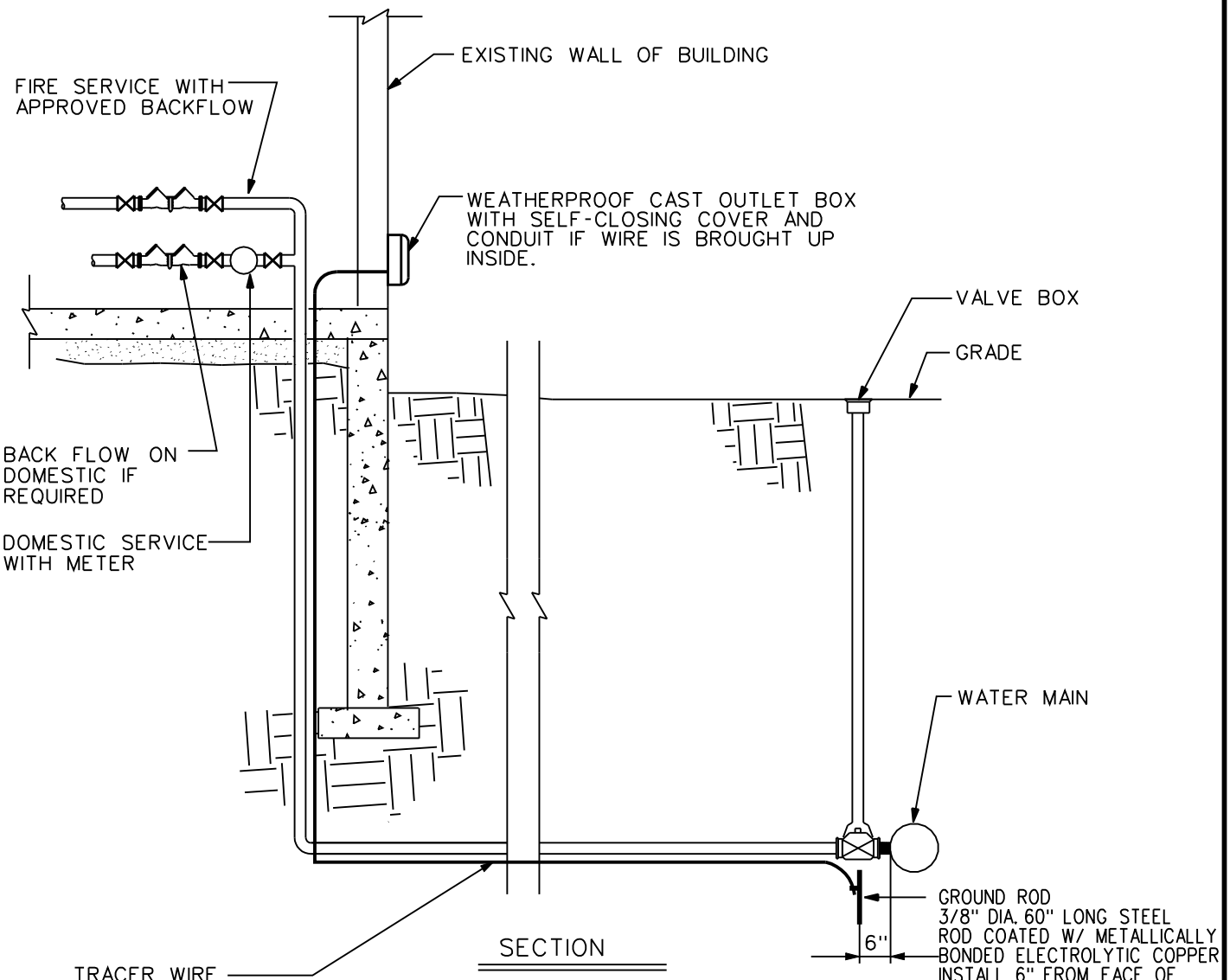
SIZE OF METER	"A" - FACE TO FACE OF VALVES
5/8"	11-3/4"
3/4"	13-3/4"
1"	15-3/4"

SCALE: NONE
DATE: 5-10-1996
DRAWN BY: DLH
APPROVED BY: TPC
REVISED: 3-20-2008 SSD

Des Moines Water Works
Water You Can Trust for Life
ENGINEERING DEPARTMENT
Des Moines, Iowa

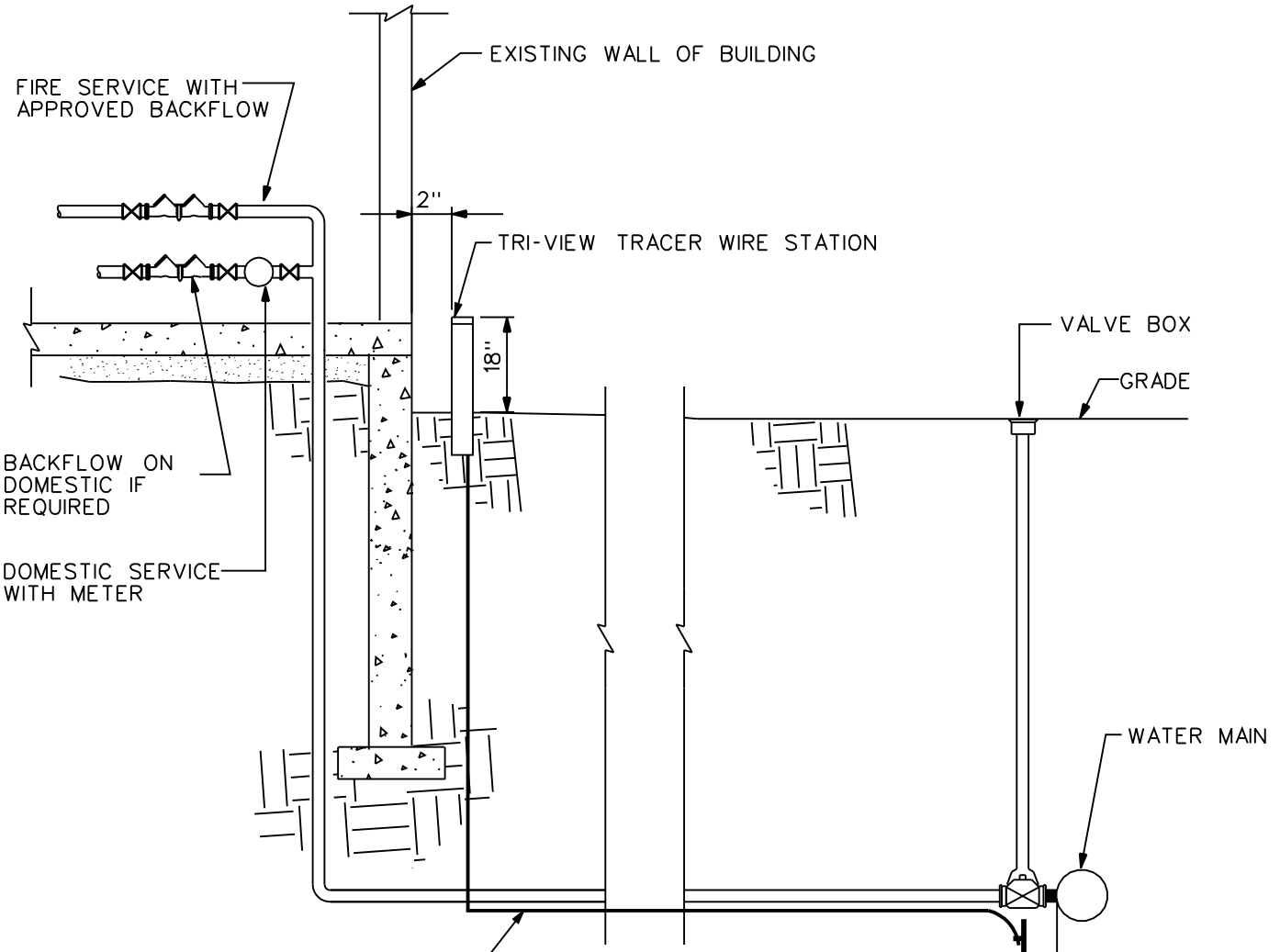
DETAIL OF 1" SERVICE INSTALLATION IN PLEASANT HILL ONLY

512-1D
FIGURE 1D



TRACER WIRE MAY BE INSTALLED IN PLASTIC CONDUIT FOR ADDITIONAL PROTECTION FROM POTENTIAL DAMAGE, BUT IT IS NOT REQUIRED.

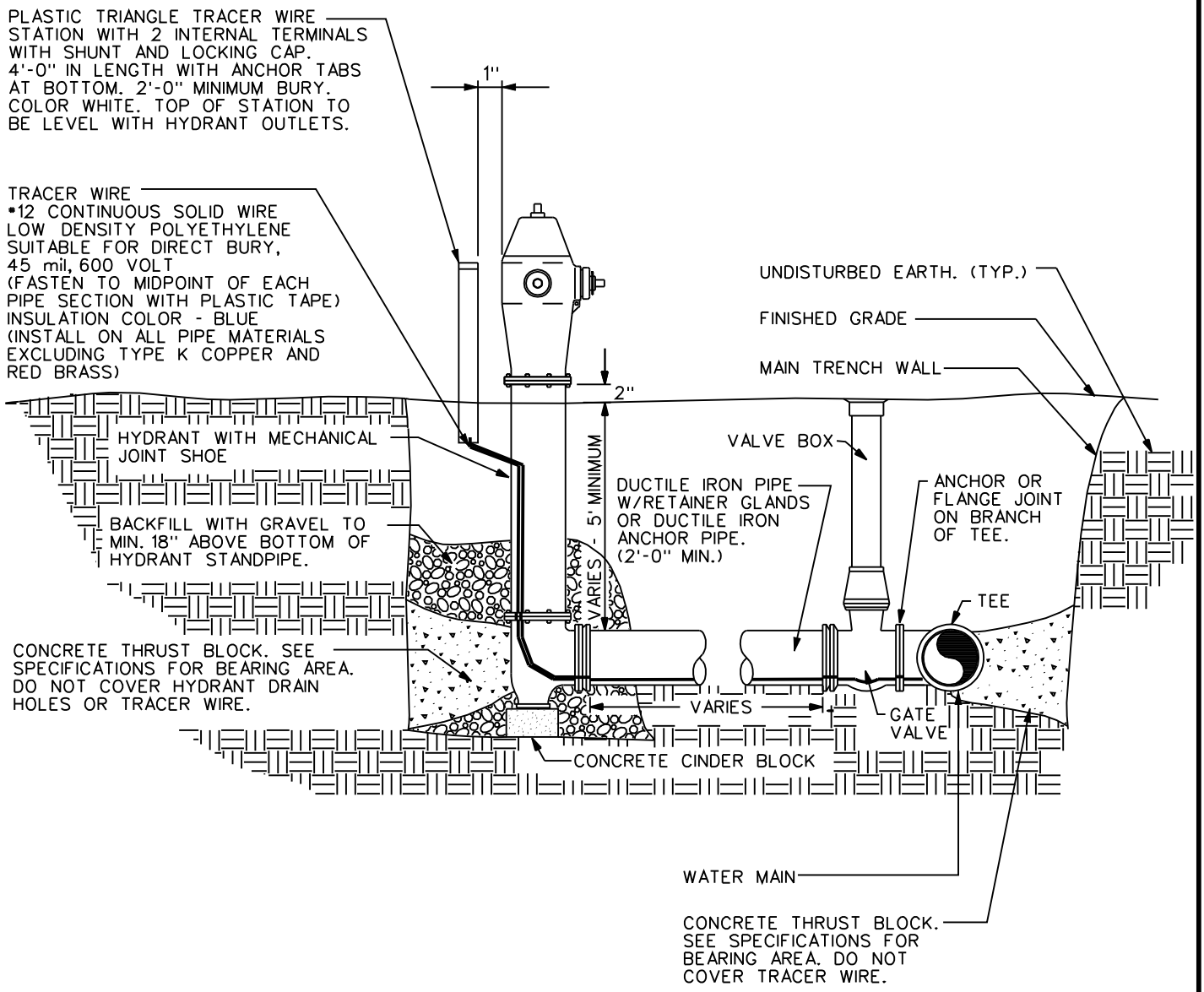
SCALE: NONE	Des Moines Water Works Water You Can Trust for Life ENGINEERING DEPARTMENT Des Moines, Iowa	**TYPICAL COMBINATION FIRE & DOMESTIC SERVICE W/TRACER WIRE**
DATE: 8-11-2000		
DRAWN BY: SLH		
APPROVED BY: TPC		
REVISED: 3-28-2008 SSD		



TRACER WIRE MAY BE INSTALLED IN PLASTIC CONDUIT FOR ADDITIONAL PROTECTION FROM POTENTIAL DAMAGE, BUT IT IS NOT REQUIRED.

SCALE: NONE	Des Moines Water Works Water You Can Trust for Life ENGINEERING DEPARTMENT Des Moines, Iowa	**TYPICAL COMBINATION FIRE & DOMESTIC SERVICE W/TRI-VIEW TRACER WIRE STATION**
DATE: 2-11-2005		
DRAWN BY: SSD		
APPROVED BY: TPC		
REVISED: 3-28-2008 SSD		

512-20A
FIGURE 20A

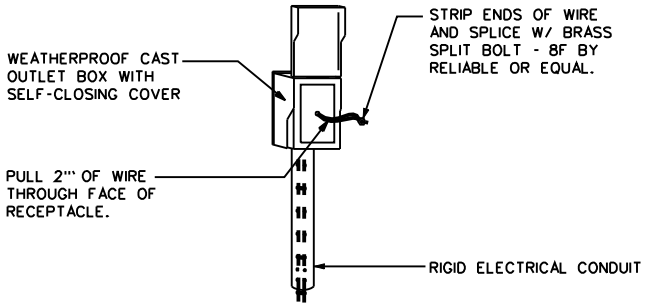


NOTE:

IRON PIPE, VALVE, FITTINGS AND HYDRANT (BURIED PORTION) TO BE WRAPPED WITH POLYETHYLENE ENCASEMENT MATERIAL PER DES MOINES WATER WORKS STANDARDS.

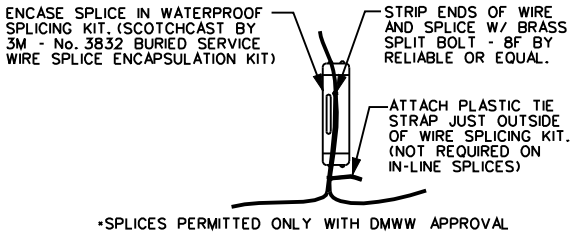
TRACER WIRE MAY BE INSTALLED IN PLASTIC CONDUIT FOR ADDITIONAL PROTECTION FROM POTENTIAL DAMAGE, BUT IT IS NOT REQUIRED.

SCALE: NONE	Des Moines Water Works Water You Can Trust for Life ENGINEERING DEPARTMENT Des Moines, Iowa	**STANDARD HYDRANT DETAIL W/ TRACER WIRE**
DATE: 5-10-1996		
DRAWN BY: DLH		
APPROVED BY: TPC		
REVISED: 3-28-2008 SSD		



TRACER WIRE RECEPTACLE DETAIL ON BUILDING

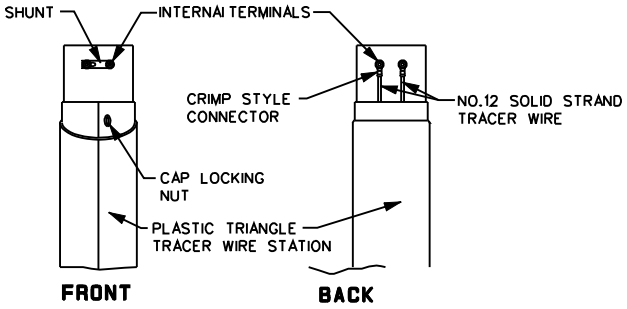
Not to Scale



*SPLICES PERMITTED ONLY WITH DMWW APPROVAL

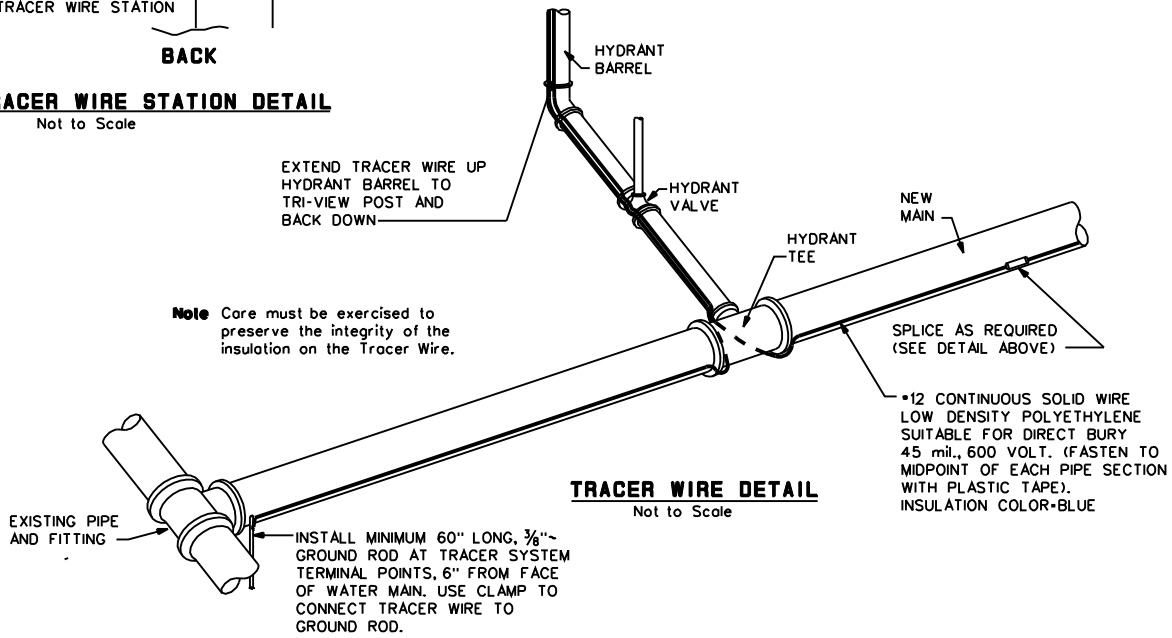
TRACER WIRE SPLICE DETAIL

Not to Scale



TRIVIEW TRACER WIRE STATION DETAIL

Not to Scale

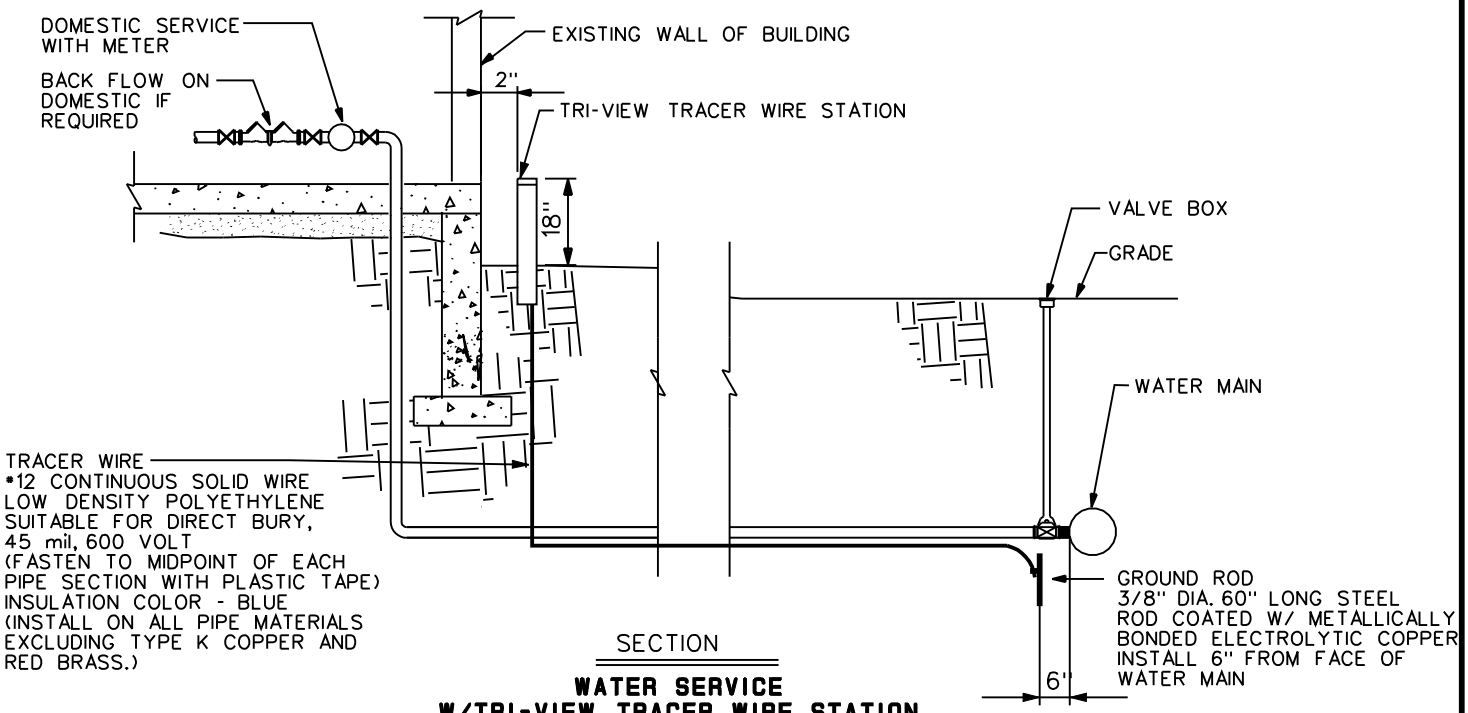


TRACER WIRE DETAIL

Not to Scale

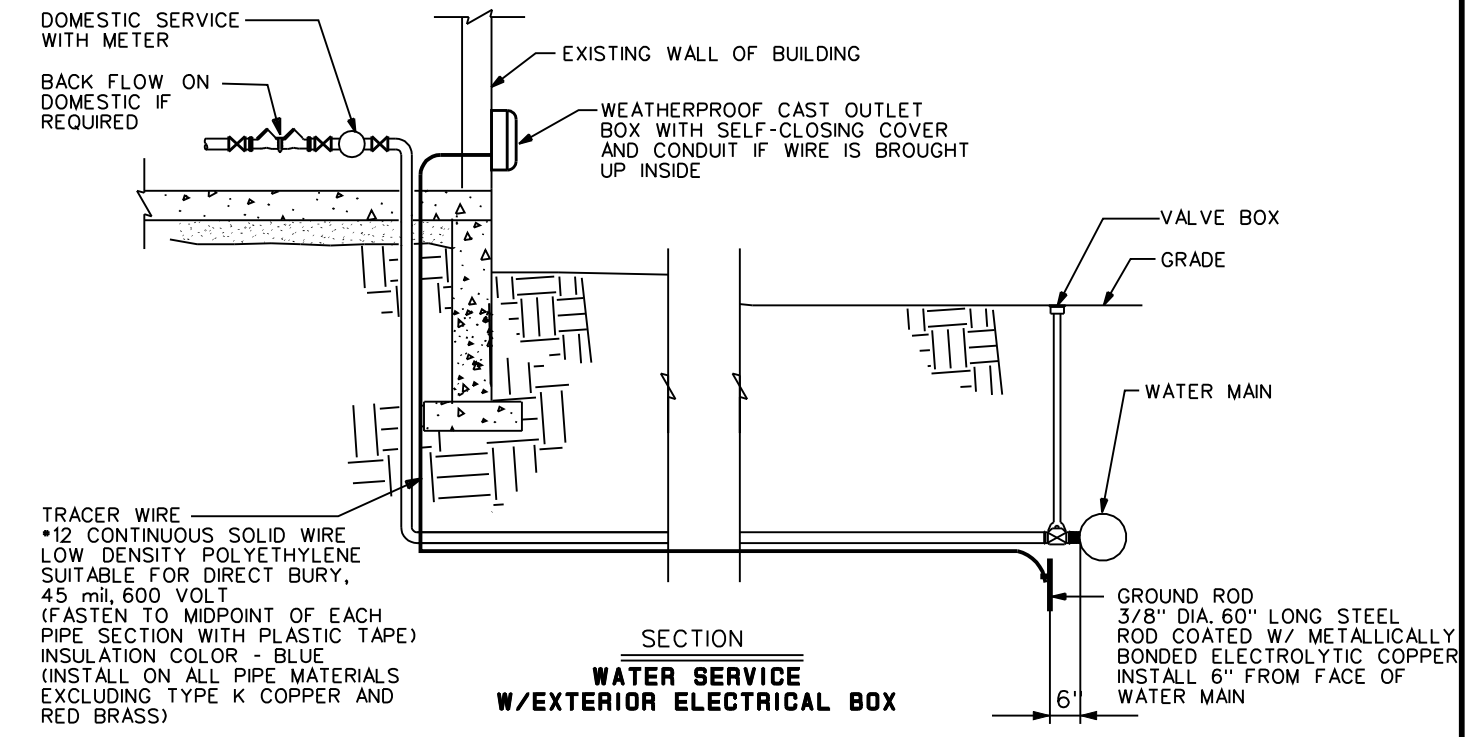
TRACER WIRE MAY BE INSTALLED IN PLASTIC CONDUIT FOR ADDITIONAL PROTECTION FROM POTENTIAL DAMAGE, BUT IT IS NOT REQUIRED.

SCALE: NONE	Des Moines Water Works Water You Can Trust for Life ENGINEERING DEPARTMENT Des Moines, Iowa	TRACER WIRE DETAIL
DATE: 5-10-1996		
DRAWN BY: DLH		
APPROVED BY: TPC		
REVISED: 3-28-2008 SSD		



SECTION

WATER SERVICE
W/TRI-VIEW TRACER WIRE STATION



SECTION

WATER SERVICE
W/EXTERIOR ELECTRICAL BOX

TRACER WIRE MAY BE INSTALLED IN PLASTIC CONDUIT FOR ADDITIONAL PROTECTION FROM POTENTIAL DAMAGE, BUT IT IS NOT REQUIRED.

SCALE: NONE	Des Moines Water Works Water You Can Trust for Life ENGINEERING DEPARTMENT Des Moines, Iowa	**TRACER LINE TERMINATION OPTIONS**
DATE: 2-11-2005		
DRAWN BY: SSD		
APPROVED BY: TPC		
REVISED: 3-28-2008 SSD		

LUST (Leaking Underground Storage Tank) sites And the DMWW distribution system

What Is A Leaking Underground Storage Tank (LUST)?
An UST is a tank and associated piping with 10% or more of its volume below ground and which stored or is storing a regulated substance. A LUST is a leaking underground storage tank.
A regulated substance is an element, compound or solution which, if released into the environment, may present danger to the public health or welfare, or the environment and includes the following:

- any petroleum or petroleum based substances (motor fuels, petroleum solvents, lubricants, used oil, etc.);
- any substance that exhibits hazardous characteristics defined in the Resource Conservation and Recovery Act (RCRA) hazardous waste regulations -or-
- any substance regulated under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA).

How does a LUST site affect approval for new water service connections?
Section 8.1.2 of the Ten State Standards for Water Main Materials for permeation by organic compounds requires where distribution systems are installed in areas of groundwater contaminated by organic compounds, a) pipe and joint materials which do not allow permeation of the organic compounds shall be used and b) non-permeable materials shall be used for all portions of the system including pipe, joint materials, hydrant leads, and ***service connections***. All new water services larger than 2" diameter that are located within a 1000' radius of a LUST site will be required to be ductile iron pipe with nitrile gaskets and all 1" and 2" services must be type K Copper unless you provide documentation that the pipe is being installed outside of the contaminated area.

How Do I Get Information About A Specific LUST Site?
A list of LUST site numbers will be included in the Pre-App information packet provided by DMWW at Pre-App meetings OR you may call the Engineering Department at DMWW, 283-8781. ***However, sites can be added or removed at any time, it is your responsibility to research the DNR website to verify this list.*** When researching LUST sites in the area of a project, you may also use the IDNR's website (www.iowadnr.gov/mapping/index.html).

Write down the LUST site number(s) for all of the circles which fall within your project area. Keep in mind the center of the circle is tied to the address of the property where the LUST site exists, not necessarily to the actual coordinates of the LUST tank. For this reason, the IDNR has chosen to use a 1000' radius around the site to ensure the contamination plume is captured.

Provide the LUST site numbers to the IDNR Records Center to request Utility Company Notification and associated plume maps for each LUST site. Contact information is as follows: Iowa DNR Records Center, Iowa Department of Natural Resources, 502 E 9th Street, Des Moines, IA 50319; phone: 515-242-5818; Fax: 515-281-8895; e-mail: dnr.records@dnr.iowa.gov

Once you receive the information back from the IDNR Records Center, you will need to submit to DMWW for review. This information will give more exact locations for the contamination plume(s). The project must be at least 200' away from the edge of the contamination plume in order to use PVC pipe. If your project site falls within a LUST site, you will be required to use DI pipe w/nitrile gaskets for services larger than 2" or type K copper for 2" and smaller services. Any reference in the LUST documentation to a site being "cleared for PVC pipe" does ***NOT*** mean new PVC pipe is allowed on the site, but rather that PVC water lines were either not present or not considered to be at-risk receptors when the LUST site was evaluated.

Des Moines Water Works

MATT SMITH
Engineering Department
Des Moines Water Works
Water You Can Trust for Life
2201 George Flagg Parkway | Des Moines, Iowa 50321-1190
(515) 323-6204 | CELL (515) 208-1971 | FAX (515) 283-2610
msmith@dmww.com

SANDY DAVIDSON
Engineering Department
Des Moines Water Works
Water You Can Trust for Life
2201 George Flagg Parkway | Des Moines, Iowa 50321-1190
(515) 283-8781 | FAX (515) 283-2610 | sdavidson@dmww.com