PROCESS FOR RECEIVING WATER SERVICE FROM MIDDLESEX WATER COMPANY

In order to receive a new water service line to a property, please contact our Customer Service Department **1-800-549-3802** to start the process. We will determine if there is an existing main that can meet your needs or if a Main Extension/Relocation is needed. When calling our Customer Service Department, please have the service street address as well as lot & block information.

- If there is a main that can meet your water service needs, the Customer must fill out an Application for Service (available from Customer Service). At the time of application further details will be provided on the specifics of the installation
- If there is not a main that can meet your needs or if a main needs to be relocated a Main Extension or Main Relocation Agreement will be required to be executed before any changes to the water system can be made.
- If there is a water supply well on site it MUST be abandoned per NJDEP standards prior to any water service from MWC.

Individual Service Request

Including New Services, Changes to Existing Services or General Inquiries

Contact Customer Service at 1-800-549-3802

Developers / Engineers

Including Permitting, Main Relocations, Hydraulic Data, or Main Extensions

Contact Customer Service at 1-800-549-3802

OR

Contact the Engineering Department at 732-634-1500

NEW DOMESTIC SERVICE LINE INSTALLATION PROCEDURES

Step #1 Apply with MWC Customer Service

In order to properly establish an account with a Customer, the Customer must come to MWC and apply in person. To apply, you will need to know:

- Desired Meter/Service Size
- Service Address / Mailing Address
- Lot & Block of property to be served
- Site Plan showing the existing/proposed structures (i.e. driveways, walkways, retaining walls, etc.) and the proposed service line.

When the Customer applies for a service, a Customer Service Representative will review the details of the service line including metering and account set up. See Metering Standards for information on the metering of your service.

Step #2 MWC Processes the Service Application

MWC will review the application for compliance with MWC standards and contact the Customer if there are any issues with the application that were not available at the time of application.

Step #3 Customer installs the Connecting Pipe

The Customer is responsible for installing the service line from the structure to within 24 inches of the curb or edge of pavement (Connecting Pipe). The Customer shall cap the end of the Connecting Pipe and stake the end of the pipe. For services to be metered above grade, the Customer will also install the Meter Spread. This piping **MUST** be installed **PRIOR** to MWC tapping the main and installing the Service Pipe. The Customer should notify MWC that their Connecting Pipe is installed and ready for the service pipe.

Step #4 MWC Taps the Main and Installs the Service Pipe

After the Customer has installed the Connecting Pipe and contacted MWC that their piping is ready, MWC will verify the Customer's Connecting Pipe and schedule the work to tap the main, install the meter, and run the Service Pipe to the Connecting Pipe. NOTE: Depending on backlog, this can take 2 to 8 weeks to schedule after confirmation the Connecting Pipe is ready. The busiest times for service installation is early spring and late fall.

ITEMS THAT CAN CAUSE DELAYS IN THE ESTABLISHMENT OF SERVICES

- The Customer does not have a suitable site plan depicting the work
- There is no water main at the property (A main extension must be done, see Main Extension Procedures)
- The Customer tries to “predict” when their service piping will be installed and notifies MWC of that date. If a customer notifies MWC their service is ready and it is found to not be ready, that application is put behind other pending applications.
- Roadway Moratoriums – Newly Paved Roadway and Winter Moratoriums
- There is an active water supply well on site.
- There is an “unusual” circumstance with the tap that may require a customer deposit (these are generally identified at the time of application)
    - Tapping of a concrete main
    - State Highway permitting
    - Railroads

MAIN EXTENSION / MAIN RELOCATION PROCEDURES

The following is a guideline to help Developers file an application for water main extension with Middlesex Water Company (MWC). Acquiring water service by main extension is a process with a number of steps, each requiring a certain amount of time. Collaborating with Middlesex Water early in the project can help reduce impacts to the project schedule. MWC does not install mains in private roads. MWC determines the location of Company owned mains, services and meters.

STEP #1 Submission to the Local Fire Department

Developer submits one copy of plans to fire department for hydrant plotting. The local fire department has the final say on whether or not the proposed development will require fire hydrants.

STEP #2 NJDEP Permitting

Middlesex Water is under a Master Permit for Water Main Construction. The developer must submit anticipated water demand for use in the Master Permit.

STEP #3 Apply with Middlesex Water Company

Schedule a meeting or send a letter of request along with two (2) full-size copies of the development plan and a CD (in AutoCAD format) of the plan to:

Senior Project Engineer
Middlesex Water Company
1500 Ronson Road
Iselin, New Jersey 08830

Needed information includes the exact legal name and address of entity to be on the agreements, contact information for the developer's project manager and a brief description of the project and anticipated water demands. Details of water service will also be determined. Middlesex Water does not provide individual meters for multiple unit dwellings, rather such facilities are provided with a master meter. Metering details are provided in our Metering Standards

Process Description

- Developer Delivers Application packet to Middlesex Water Company (MWC). Service line details such as location, diameter and metering are agreed upon.
- Middlesex Water develops construction plans for the work in accordance with our standards (3 to 6 weeks depending on scope and work load).
- The final design sent out to bid to our pre-qualified contractors. **Only pre-qualified contractors may install facilities on the MWC system.**
- Approximately two to three (2-3) weeks after the job is sent out for bids, depending on scope, the bids are returned and evaluated.
- The project cost is sent to the Developer for deposit along with the Main Extension or Main Relocation agreement. The deposit must be paid in the **full amount** prior to scheduling of any construction work.
- Any easements necessary are secured along with the executed Main Extension or Main Relocation Agreement.
- Upon receipt of the executed Main Extension Agreement, any necessary easements or permits, the construction work is scheduled. Actual start of work is dependent on contractor availability and is typically 3 to 6 weeks AFTER the deposit is received.

STEP #4 Begin Construction

Prior to construction Middlesex Water secured the needed road opening permits. When the site is prepared (including curbing and other improvements that set the grade for the site), the construction of the facilities can begin. Upon completion of the project the final project costs will be trued up. Any extra costs will be invoiced to the developer and any deposit received over the construction amount will be refunded. After an eligible project is placed in service, the refund amount will be determined by the “Refund Formula” as described in the agreement. Main Relocations are not subject to refunds.

Summary of Timeline from Application with Middlesex Water Company to Start of Construction

- Apply with Middlesex Water Company – Start
- Completion of Project Design – 3 to 6 weeks
- Project Bidding – 2 to 3 weeks
- Submission of Deposit & Main extension Agreement – 1 week (depends on Developer)
- Scheduling of Construction – 3 to 4 weeks AFTER receipt of Deposit and Main Extension Agreement (dependent on site being prepared)

As can be seen, from the day a Developer provides the application package with MWC, it can be anticipated that construction will not start on the project for 14 weeks or longer.

Common Developer misconceptions in the Main Extension/Relocation Process

- The Developers contractor can perform work on MWC facilities – ***Only MWC can perform work on MWC facilities***
- The day after the Developers deposit is received is the day construction will start on the project – ***Construction can be <u>scheduled</u> after the deposit is received and only started when site improvements setting the finished grade have been made***
- MWC will utilize the Developers plans "as-is" to bid the work – **MWC will develop our own plans, in conjunction with the Developer, that meet our standards for the project**.
- The Developer determines the quantity and location of fire hydrants – **Only the local Fire Department can determine the location and quantity of fire hydrants**
- Everything will work just as it's described in this procedure – **There are multiple items that can cause delays – Road Moratoriums (newly paved and winter moratorium), State Highway permitting, railroad crossings, easement acquisition. These items would be project specific.**

Middlesex Water Metering Standards

Domestic Services without Backflow Protection:

Services 2” and smaller

1. Meters 2” and smaller will be placed in a MWC owned meter pit. (Preference)
2. Meters 2” and smaller may be placed in an Above Ground Meter Enclosure (AGME)
3. Meters 2” and smaller may be placed in an external access meter room when there is not sufficient space for the meter pit. (Above Grade)

Services 3” to 10”

1. Meters 3” to 10” will be placed in a Customer owned AGME (Preference)
2. Meters 3” to 10” will be placed in an external access meter room where there is not sufficient room for the AGME. (Above Grade)

Domestic Services with Backflow Protection:

Services of All Diameters

1. Meters of All Diameters will be placed in a Customer owned AGME with a testable Reduced Pressure Zone (RPZ) backflow preventer (Preference)
2. Meters of All Diameters and the RPZ may be placed in an External Access Meter Room if there is not sufficient room for the AGME. (Must Be Above Grade)

Fire Service Lines without Hydrants, Fire Pumps or Tanks

Services of All Diameters

1. Fire Service shall have a testable RPZ with small diameter bypass meter (5/8”) located in a Customer owned AGME (Preference)
2. Fire Service shall have a testable RPZ with a small diameter bypass meter (5/8”) located in an External Access Meter Room. (Must Be Above Grade)

Fire Service Lines with Hydrants, Fire Pumps or Tanks

Services of All Diameters

1. Fire Meters of All Diameters will be placed in a Customer owned AGME with a testable RPZ backflow preventer (Preference)
2. Fire Meters of All Diameters and the RPZ may be placed in an External Access Meter Room if there is not sufficient room for the AGME. (Must Be Above Grade)

Irrigation Services

All irrigation services require an RPZ.

Services 2” and smaller

1. Meters 2” and smaller will be placed in a MWC owned meter pit. (Preference) The RPZ must be adjacent to the meter pit.
2. Meters 2” and smaller may be placed in an Above Ground Meter Enclosure (AGME). The RPZ does not need to be inside the AGME, but must be adjacent to the AGME.
3. Meters 2” and smaller may be placed in an external access meter room when there is not sufficient space for the meter pit. (Above Grade) The RPZ must be in line with the meter.

Services 3” to 10”

1. Meters 3” to 10” will be placed in a Customer owned AGME (Preference). The RPZ does not need to be inside the AGME, but must be adjacent to the AGME.
2. Meters 3” to 10” will be placed in an external access meter room where there is not sufficient room for the AGME. (Above Grade) The RPZ must be in line with the meter.

Requirements for Above Ground Meter Enclosures And External Access Meter Rooms

Above Ground Meter Enclosures must:

- Be located within ten feet (10’) of the curb line
- Have sufficient heating and insulation to prevent the piping from freezing
- Have access from side and top for a pickup truck mounted crane
- Not be obscured by landscaping that would prevent access
- Provide the necessary dimensions / clearances as shown on the Standard Detail
- Be approved by MWC for enclosure layout and location

External Access Meter Rooms must:

- Be located at the point closest to the public right-of-way
- Only have access from the outside of the building – no internal building access
- Be dedicated to water facilitates only
- Have sufficient heating and insulation to prevent the piping from freezing
- Be above grade when there is backflow protection
- Have access by truck mounted crane, forklift or backhoe via level surface
- Be MWC approved for layout and location

Reduced Pressure Zone Back Flow Requirements

The RPZ must:

- Be testable
- Be NSF 61 approved
- Be located in an above ground location to allow proper drainage (not in basements)
- Be located as close as possible to the service meter

Variance from MWC Meter Standards

A customer may request a variance from MWC Meter Standards. If a request for a variance is made, the customer will complete a Variance Request Form. MWC shall arrange a meeting with the Customer and the Service Variance Committee (SVC) upon receipt of a complete Variance Request Form. At the meeting, the Customer and SVC will develop the non-standard service arrangement and document the proposed service line on the Service Line Layout Approval Form (copy attached). At the meeting of the SVC, customers should be prepared to present written proof from a controlling authority as to why the MWC meter standard cannot be met. At no times will the word of the Customer be taken as reason to allow a variance.

After the meeting, the Customer will secure any additional documentation identified at the meeting needed to allow the variance as shown on the Service Line Layout Approval Form. Upon receipt of all necessary variance documentation, the Service Line Layout Approval Form will be forwarded to the MWC Licensed Operator for approval or returned for correction. Upon receipt of the necessary written documentation for the variance and the signed Service Line Layout Approval Form, the service line will then be approved for construction.

Customers should allow 20 business days for the approval of the Service Line Approval Form after the meeting of the Customer and SVC.

MIDDLESEX WATER COMPANY
SERVICE LINE VARIANCE REQUEST FORM

Address/Location: _____

_____

Customer: _____ Date: _____

Type	Diameter	RPZ	Enclosure Type
Domestic			
Fire			
Other			

Variance Requested for
Enclosure Location:

Enclousure Type:

Needed Exceptions:

Service Line Layout Recommended By:

MWC: _____

Service Line Layout Concurred By:

Customer: _____

Service Line Approved

MWC: _____ Date _____

Middlesex Water Company

Service Line and Meter Standards

Services 2” and Smaller in Meter Pits

- Meter Pit in Sidewalk 1” and Smaller (Detail A)
- Meter Pit in Sidewalk 1.5” or 2” (Detail B)
- Meter Pit in Grass Area 1” and Smaller (Detail C)
- Meter Pit in Grass Area 1.5” or 2” (Detail D)

Single Meters in Above Ground Meter Enclosures

- Summary of Above Ground Meter Enclosure (AGME) Dimensions 3” Through 10” (Typical Single Meter)
- Detailed 4” Domestic Meter (C2) in AGME (Detail E)
- Detailed 10” Domestic Meter (C2) in AGME (Detail E)
- Detailed 4” RPZ Detector Assembly – Fire Service w/o Hydrants or Pumps (Detail R)
- Detailed 10” RPZ Detector Assembly – Fire Service w/o Hydrants or Pumps (Detail R)
- Detailed 4” Fire Meter (F2) in AGME – Fire Service w/ Hydrants and/or Pumps (Detail S)
- Detailed 10” Fire Meter (F2) in AGME – Fire Service w/ Hydrants and/or Pumps (Detail S)

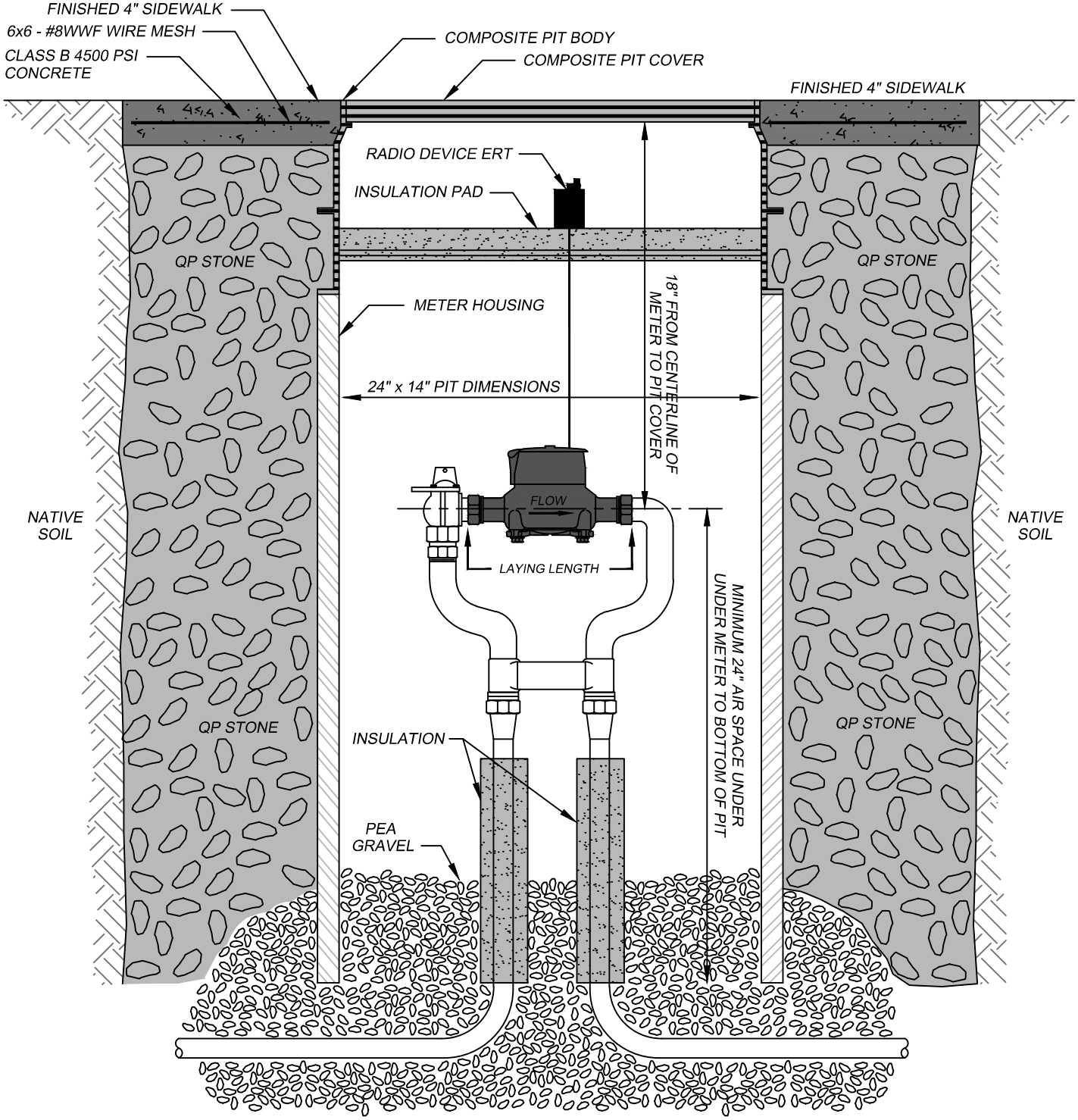
Multiple Meters in Above Ground Meter Enclosures

- Summary of Above Ground Meter Enclosures (AGME) Dimensions 3” Through 10” (Typical Double Meter)

NOTES:

1. APPROVED METER PIT, COMPOSITE RIM, 23"x13" COVER AND METER BRASS METER YOKE SHALL BE PROVIDED BY MIDDLESEX WATER COMPANY.
2. ALL PLUMBING MUST COMFORM WITH LOCAL PLUMBING ORDINANCES.
3. PLEASE DIRECT ALL QUESTIONS REGARDING SPECIFICATIONS, APPROVED DEVICES, OR NAMES OF LOCAL DISTRIBUTORS TO THE METER DEPARTMENT AT (732) 634-1500.

METER SIZE	LAYING LENGTH
5/8"	12"
3/4"	13"
1"	15"

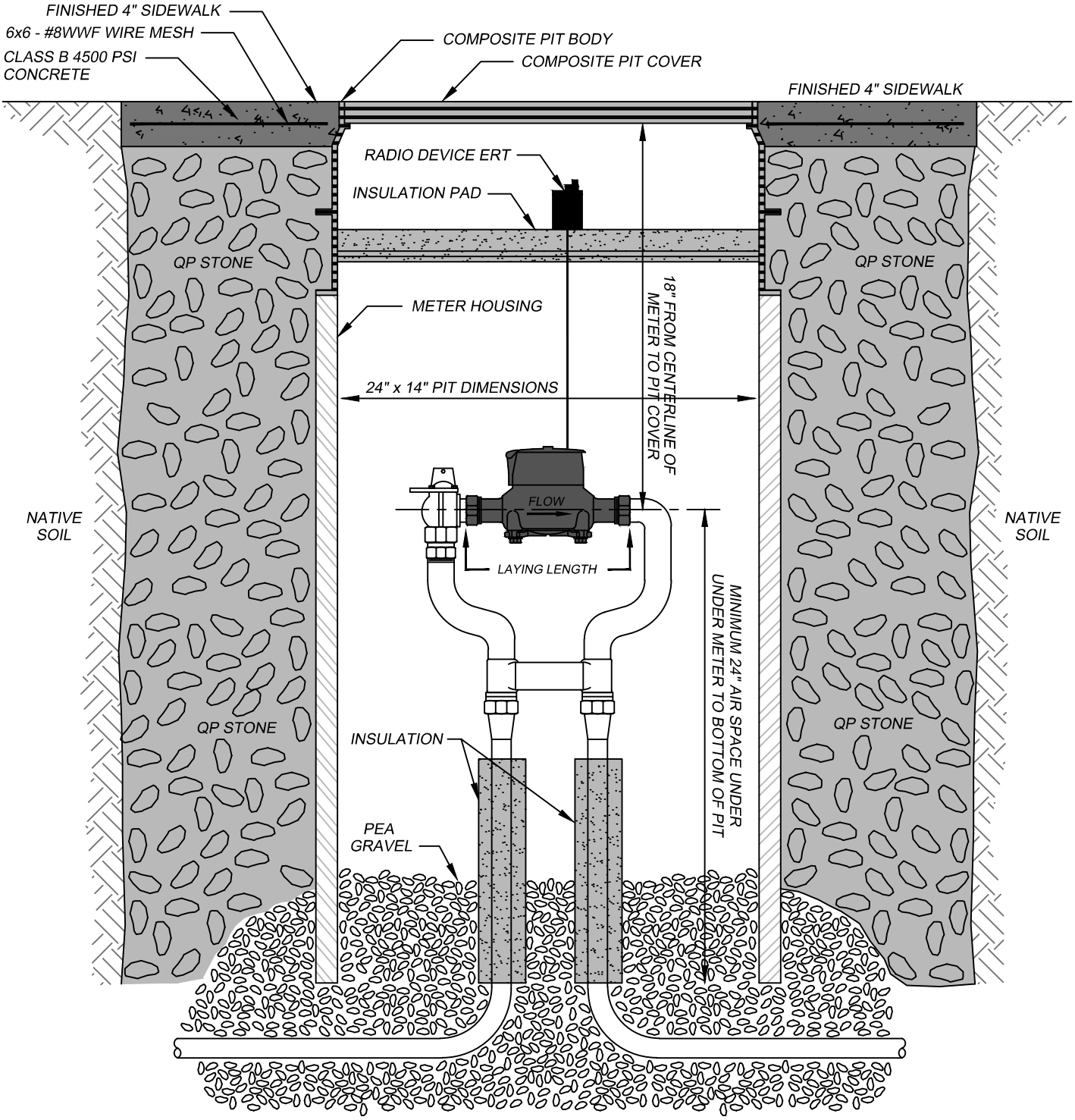


ISSUED TO:	PROJECT NAME: DETAIL A		DATE OF ISSUE:
REVISIONS: NO. / DATE / DRAWN BY / NO. / DATE / DRAWN BY	MIDDLESEX WATER COMPANY, 1500 RONSON RD. ISELIN, N.J. 08830-0452	METER INSTALLATION STANDARD - METER PIT IN SIDEWALK METER PIT INSTALLATION SPECIFICATIONS 5/8", 3/4" & 1"	DRAWN BY: AC DATE: 3-20-17 / SCALE: NONE DRAWING NO: MWC/16/063-00

NOTES:

1. APPROVED METER PIT, COMPOSITE RIM, 23"x13" COVER AND METER BRASS METER YOKE SHALL BE PROVIDED BY MIDDLESEX WATER COMPANY.
2. ALL PLUMBING MUST COMFORM WITH LOCAL PLUMBING ORDINANCES.
3. PLEASE DIRECT ALL QUESTIONS REGARDING SPECIFICATIONS, APPROVED DEVICES, OR NAMES OF LOCAL DISTRIBUTORS TO THE METER DEPARTMENT AT (732) 634-1500.

METER SIZE	LAYING LENGTH
1.5"	13.25"
2"	17.25"

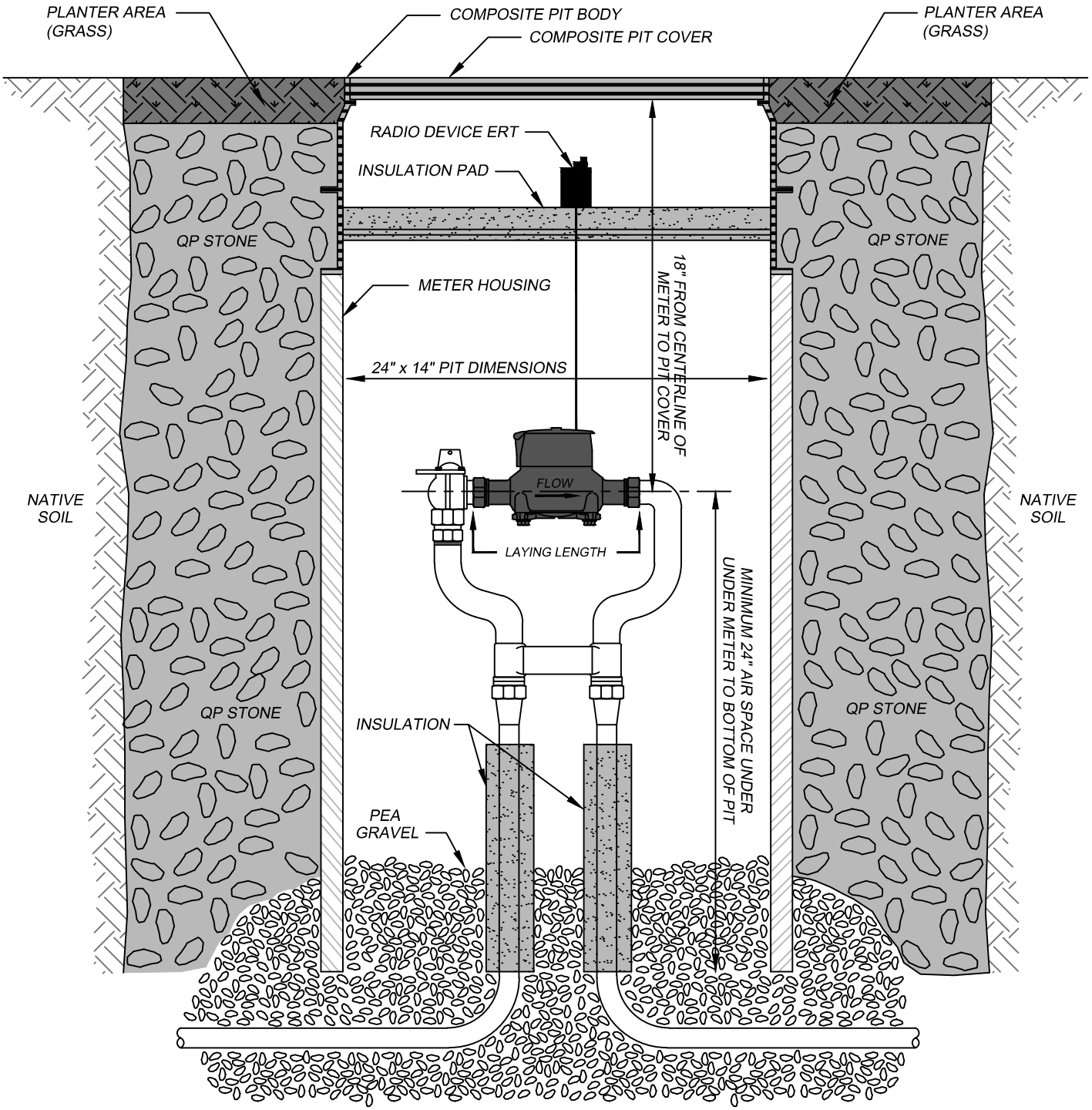


ISSUED TO:	PROJECT NAME: Detail B		DATE OF ISSUE:
REVISIONS: NO. / DATE / DRAWN BY / NO. / DATE / DRAWN BY	MIDDLESEX WATER COMPANY, 1500 RONSON RD. ISELIN, N.J. 08830-0452	METER INSTALLATION STANDARD - METER PIT IN SIDEWALK METER PIT INSTALLATION SPECIFICATIONS 1.5" & 2"	DRAWN BY: AC DATE: 3-20-17 / SCALE: NONE DRAWING NO: MWC/16/064-00

NOTES:

1. APPROVED METER PIT, COMPOSITE RIM, 23"x13" COVER AND METER BRASS METER YOKE SHALL BE PROVIDED BY MIDDLESEX WATER COMPANY.
2. ALL PLUMBING MUST COMFORM WITH LOCAL PLUMBING ORDINANCES.
3. PLEASE DIRECT ALL QUESTIONS REGARDING SPECIFICATIONS, APPROVED DEVICES, OR NAMES OF LOCAL DISTRIBUTORS TO THE METER DEPARTMENT AT (732) 634-1500.

METER SIZE	LAYING LENGTH
5/8"	12"
3/4"	13"
1"	15"

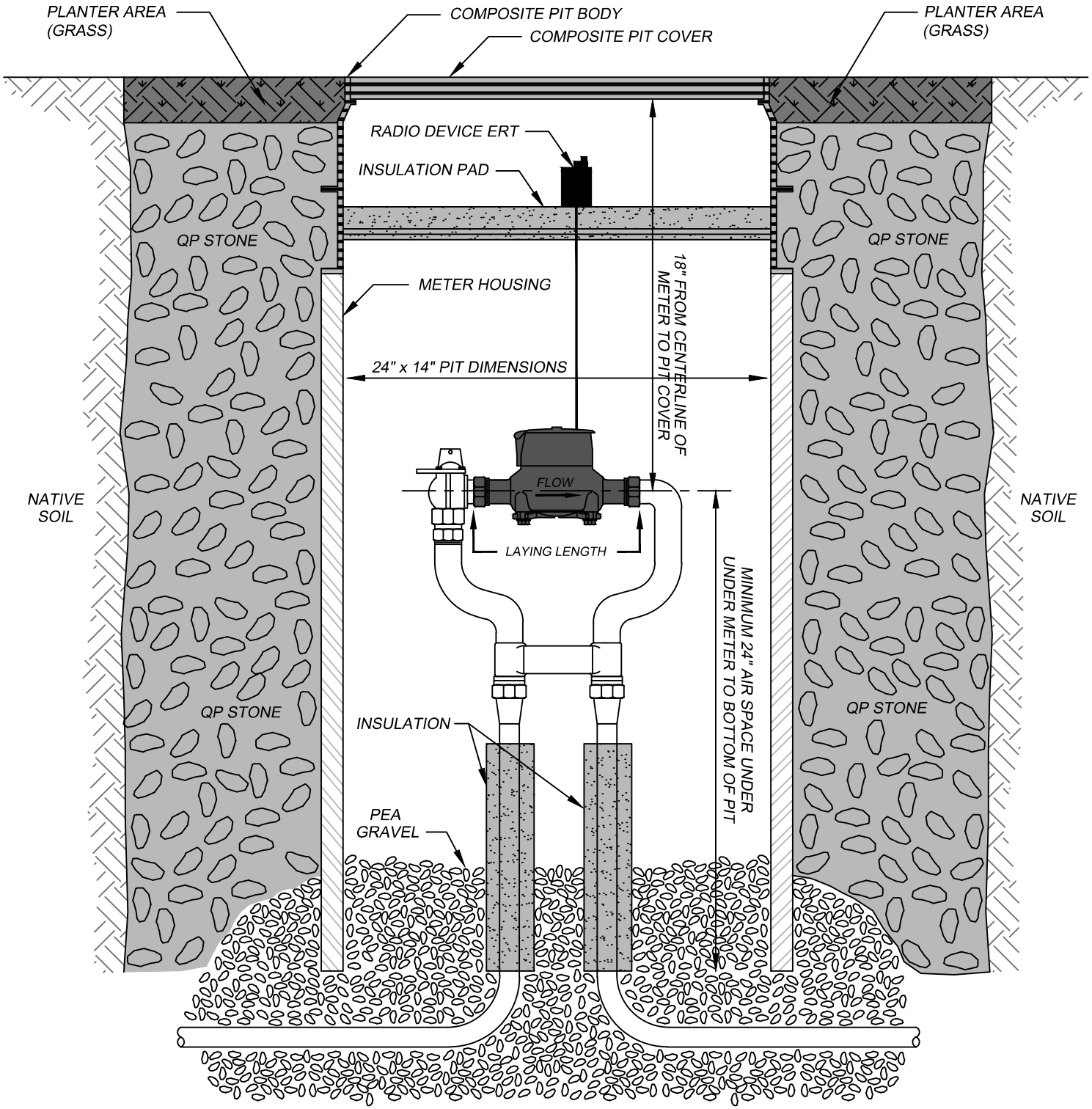


ISSUED TO:	PROJECT NAME: Detail C	DATE OF ISSUE:
REVISIONS (NO. / DATE / DRAWN BY / NO. / DATE / DRAWN BY)	MIDDLESEX WATER COMPANY, 1500 RONSON RD. ISELIN, N.J. 08830-0452	DRAWN BY: AC
	METER INSTALLATION STANDARD - METER PIT IN PLANTER AREA	DATE: 3-20-17 SCALE: NONE 1
	METER PIT INSTALLATION SPECIFICATIONS 5/8", 3/4" & 1"	DRAWING NO: MWC/16/065-00 1

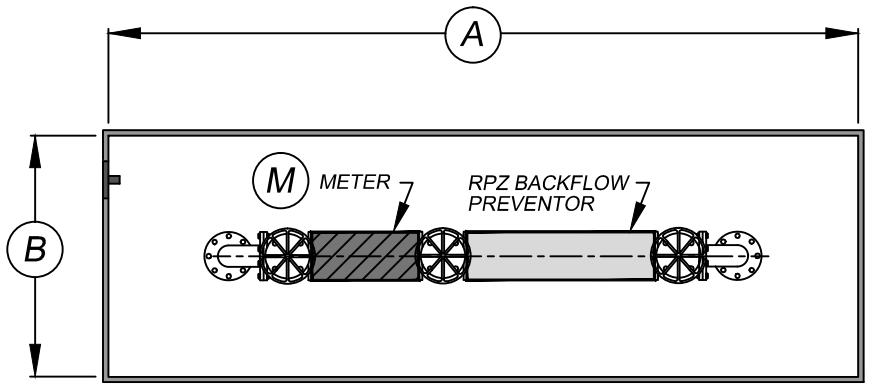
NOTES:

1. APPROVED METER PIT, COMPOSITE RIM, 23"x13" COVER AND METER BRASS METER YOKE SHALL BE PROVIDED BY MIDDLESEX WATER COMPANY.
2. ALL PLUMBING MUST COMFORM WITH LOCAL PLUMBING ORDINANCES.
3. PLEASE DIRECT ALL QUESTIONS REGARDING SPECIFICATIONS, APPROVED DEVICES, OR NAMES OF LOCAL DISTRIBUTORS TO THE METER DEPARTMENT AT (732) 634-1500.

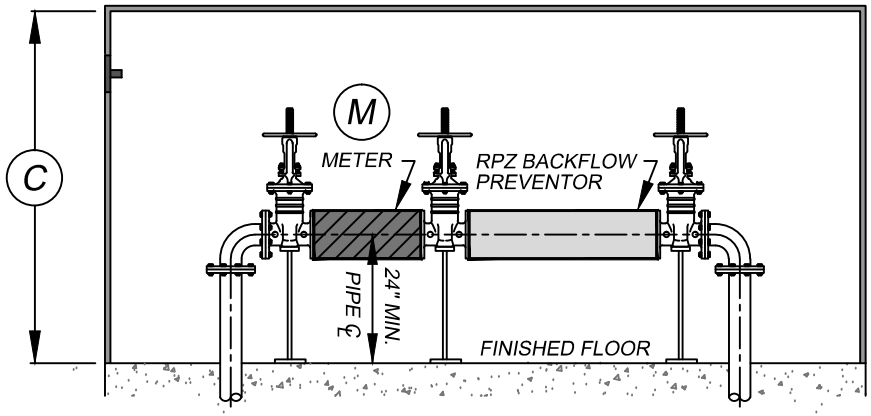
METER SIZE	LAYING LENGTH
1.5"	13.25"
2"	17.25"



ISSUED TO:	PROJECT NAME: Detail D	DATE OF ISSUE:
REVISIONS (NO. / DATE / DRAWN BY / NO. / DATE / DRAWN BY)	MIDDLESEX WATER COMPANY, 1500 RONSON RD., ISELIN, N.J. 08830-0452	DRAWN BY: AC
	METER INSTALLATION STANDARD - METER PIT IN PLANTER AREA	DATE: 3-20-17 SCALE: NONE 1
	METER PIT INSTALLATION SPECIFICATIONS 1.5" & 2"	DRAWING NO: MWC/16/066-00 1



METER ENCLOSURE
TOP VIEW



METER ENCLOSURE
SIDE VIEW

MIDDLESEX WATER CO. ABOVE GROUND HEATED ENCLOSURE
INTERIOR DIMENSIONS *

DOMESTIC SER. (w/RPZ)

SER. SIZE (inch)	A LENGTH (ft)	B WIDTH (ft)	C HEIGHT (ft)
3"	9'-9"	2'-2"	4'-0"
4"	12'-0"	2'-3"	4'-4"
6"	14'-10"	3'-1"	4'-10"
8"	17'-11"	3'-2"	5'-5"
10"	21'-11"	4'-0"	6'-3"

DOMESTIC SER. (NO BACKFLOW)

SER. SIZE (inch)	A LENGTH (ft)	B WIDTH (ft)	C HEIGHT (ft)
3"	5'-9"	1'-8"	4'-0"
4"	6'-9"	1'-9"	4'-4"
6"	8'-5"	2'-0"	4'-10"
8"	10'-1"	2'-2"	5'-5"
10"	12'-4"	2'-4"	6'-3"

FIRE SER. (w/RPZ)

SER. SIZE (inch)	A LENGTH (ft)	B WIDTH (ft)	C HEIGHT (ft)
4"	13'-1"	2'-6"	4'-4"
6"	16'-7"	2'-10"	4'-10"
8"	19'-10"	3'-7"	5'-5"
10"	24'-1"	4'-1"	6'-3"

FIRE SER. (NO BACKFLOW)

SER. SIZE (inch)	A LENGTH (ft)	B WIDTH (ft)	C HEIGHT (ft)
4"	7'-10"	2'-6"	4'-4"
6"	10'-2"	2'-10"	4'-10"
8"	12'-0"	3'-7"	5'-5"
10"	14'-7"	4'-1"	6'-3"

* ASSUMES RPZ IS WATTS LF909

DOMESTIC SER. (w/RPZ)

SER. SIZE (inch)	LENGTH (ft.)
3"	36.5"
4"	46"
6"	63"
8"	82.13"
10"	106.13"

M
"METER" LENGTH
(INCLUDES 2.5 x SPOOL PIECE
METER & 4x SPOOL PIECE)

FIRE SER. (w/RPZ)

SER. SIZE (inch)	LENGTH (ft.)
3"	N/A
4"	59"
6"	84"
8"	105"
10"	133"

NOTES:
1. MWC PROVIDES THE METER & METERING EQUIPMENT. CUSTOMER PROVIDES ALL OTHER ITEMS & IS RESPONSIBLE FOR ENCLOSURE AESTHETICS.
2. ENCLOSURE ACCESS CANNOT BE RESTRICTED BY LANDSCAPING OR STRUCTURES.
3. MWC MUST BE ABLE TO ACCESS METER BY TRUCK MOUNTED CRANE.
4. ENCLOSURE MUST BE AS CLOSE TO CURB LINE AS POSSIBLE / PRACTICAL.
5. FINAL DETAILS OF ENCLOSURE MUST BE APPROVED BY MWC.
6. DETAIL "E" PROVIDES SCALE DRAWINGS OF 4" & 10" DOMESTIC SERVICE.
7. DETAIL "S" PROVIDES SCALE DRAWINGS OF 4" & 10" FIRE SERVICE.

ISSUED TO:

PROJECT NAME: METER SIZE & TYPE TYPICAL SINGLE METER

DATE OF ISSUE:

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	8-9-16	AC	ADDED SPOOL PIECE

MIDDLESEX WATER COMPANY
1500 RONSON RD.
ISELIN, N.J. 08830-0452

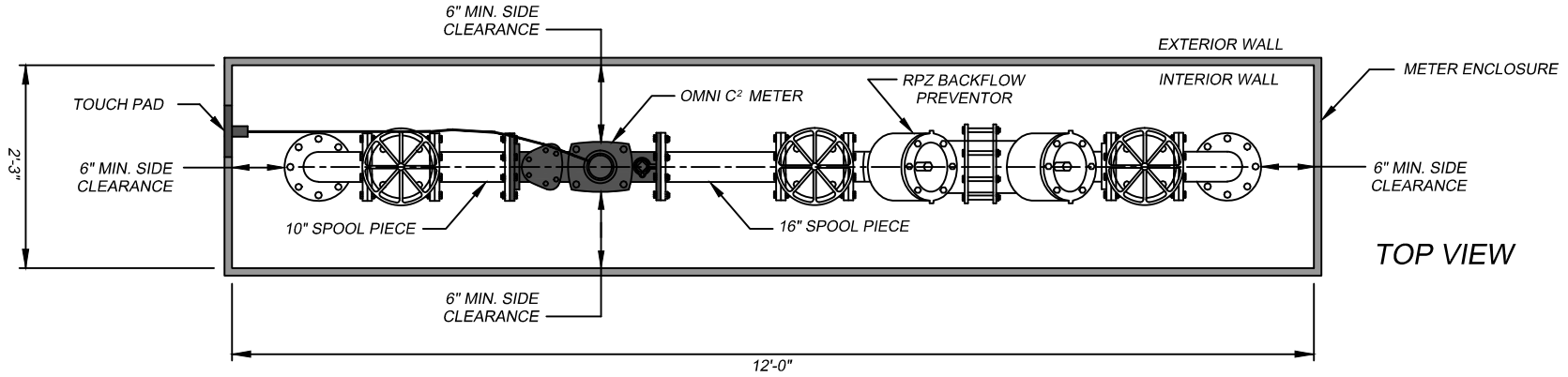
METER INSTALLATION STANDARD ABOVE GROUND HEATED ENCLOSURE

TYPICAL METER SETTING SPECIFICATIONS OMNI C² METER w/RPZ

DRAWN BY: AC

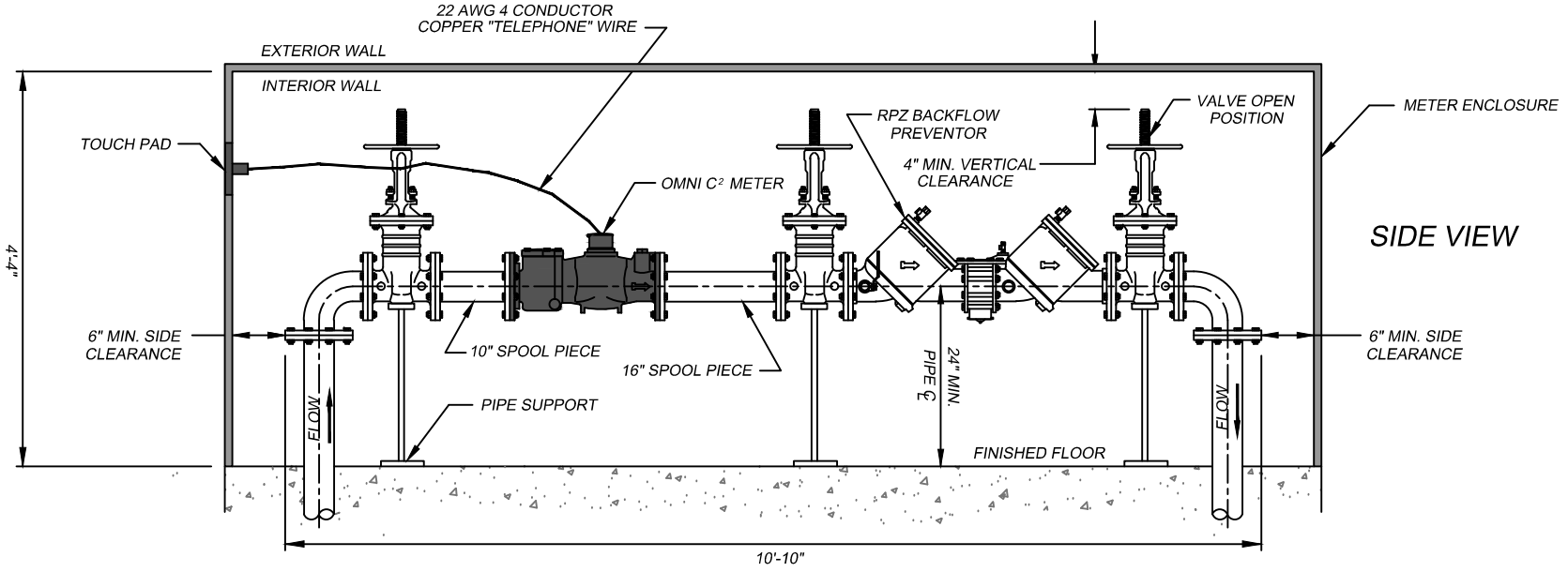
DATE: 6-6-16 SCALE: NONE 1/1

DRAWING NO: MWC/16/000-00



TOP VIEW

NOTES:
1. SHADED EQUIPMENT TO BE PROVIDED BY MIDDLESEX WATER COMPANY.
2. TOUCHPAD AND WIRING TO BE PROVIDED BY MIDDLESEX WATER COMPANY.

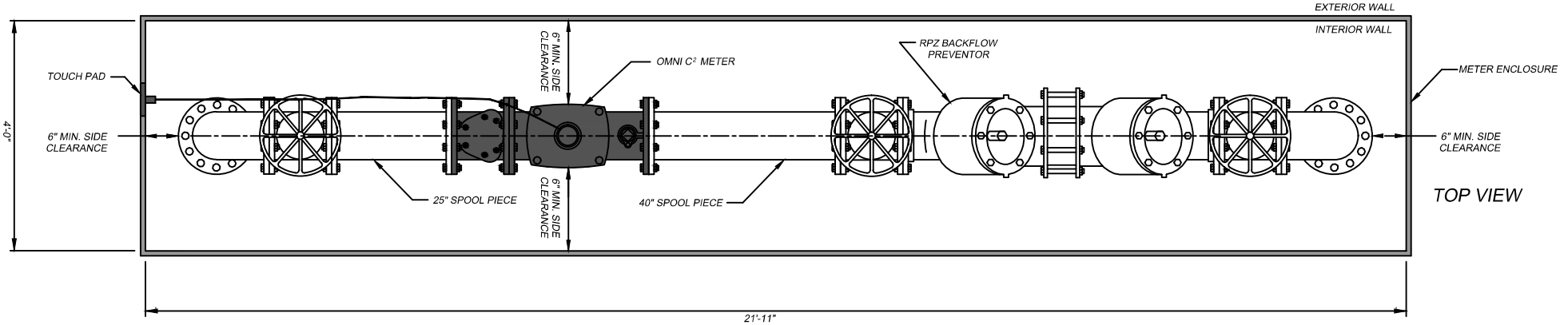


SIDE VIEW

1' 0' 1'

1/2"=1'-0"

ISSUED TO:	PROJECT NAME: DETAIL E METER SIZE & TYPE		DATE OF ISSUE:
REVISIONS			
NO. / DATE / BY / DESCRIPTION			
1 / 8-9-16 / AC / ADDED SPOOL PIECE			
MIDDLESEX WATER COMPANY 1500 RONSON RD. ISELIN, N.J. 08830-0452	METER INSTALLATION STANDARD ABOVE GROUND HEATED ENCLOSURE		DRAWN BY: AC
	TYPICAL METER SETTING SPECIFICATIONS 4" OMNI C² METER w/RPZ		DATE: 6-6-16 / SCALE: 1/2"=1'-0" / 1
			DRAWING NO: MWC/15/069-00 / 1



NOTES:
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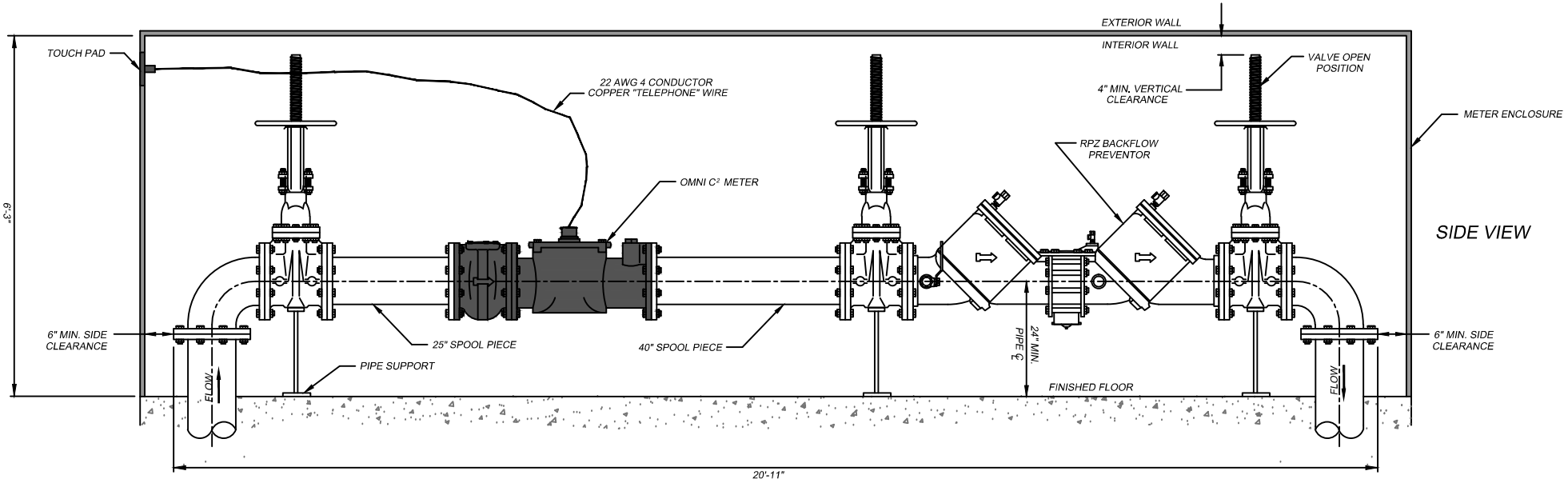
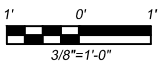
2. TOUCHPAD AND WIRING TO BE PROVIDED BY MIDDLESEX WATER COMPANY.





ISSUED TO:

PROJECT NAME: DETAIL E METER SIZE & TYPE

DATE OF ISSUE:

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	8-9-16	AC	ADDED SPOOL PIECE

MIDDLESEX WATER COMPANY
1500 RONSON RD.
ISELIN, N.J. 08830-0452

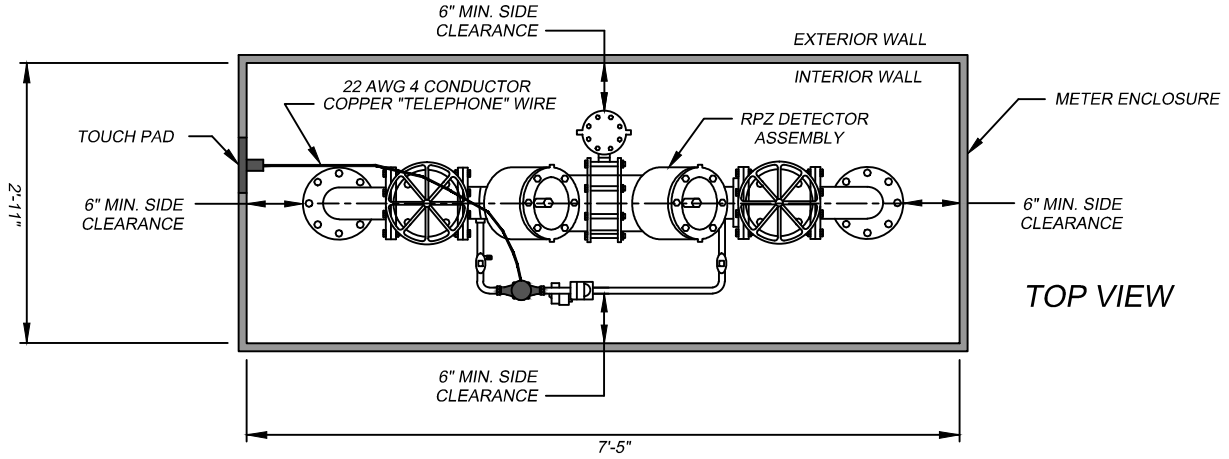
METER INSTALLATION STANDARD ABOVE GROUND HEATED ENCLOSURE

TYPICAL METER SETTING SPECIFICATIONS 10" OMNI C² METER w/RPZ

DRAWN BY: AC

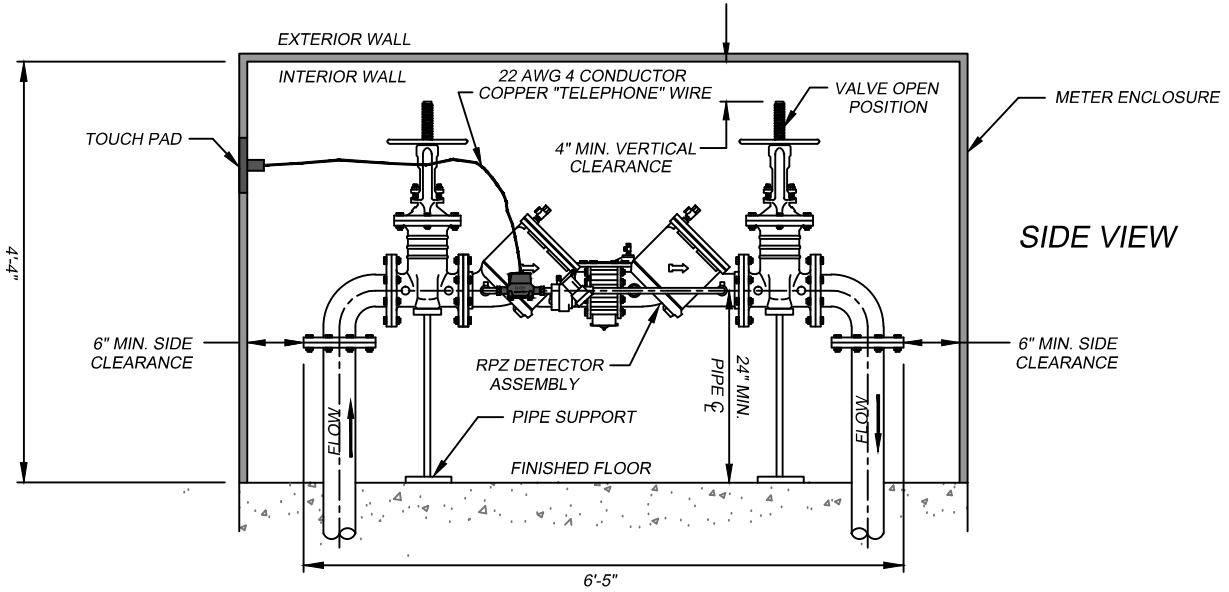
DATE: 6-6-16 SCALE: 3/8"=1'-0" 1

DRAWING NO: MWC/15/070-00 1



TOP VIEW

NOTES:
1. SHADED EQUIPMENT TO BE PROVIDED BY MIDDLESEX WATER COMPANY.
2. TOUCHPAD AND WIRING TO BE PROVIDED BY MIDDLESEX WATER COMPANY.



SIDE VIEW

1' 0' 1'
1/2"=1'-0"

ISSUED TO:	PROJECT NAME: DETAIL R METER SIZE & TYPE	DATE OF ISSUE:

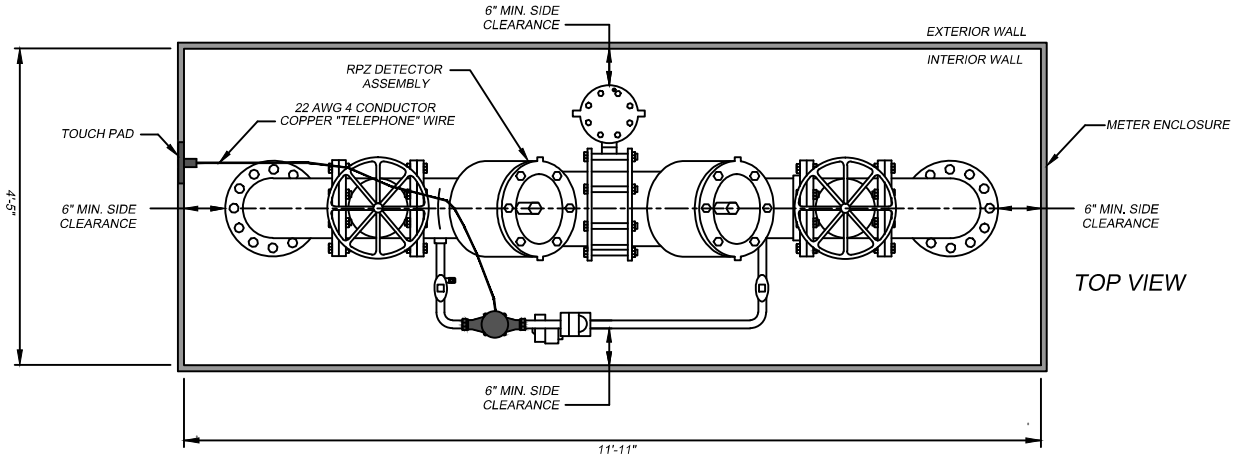
REVISIONS			
NO.	DATE	BY	DESCRIPTION

MIDDLESEX WATER COMPANY
1500 RONSON RD.
ISELIN, N.J. 08830-0452

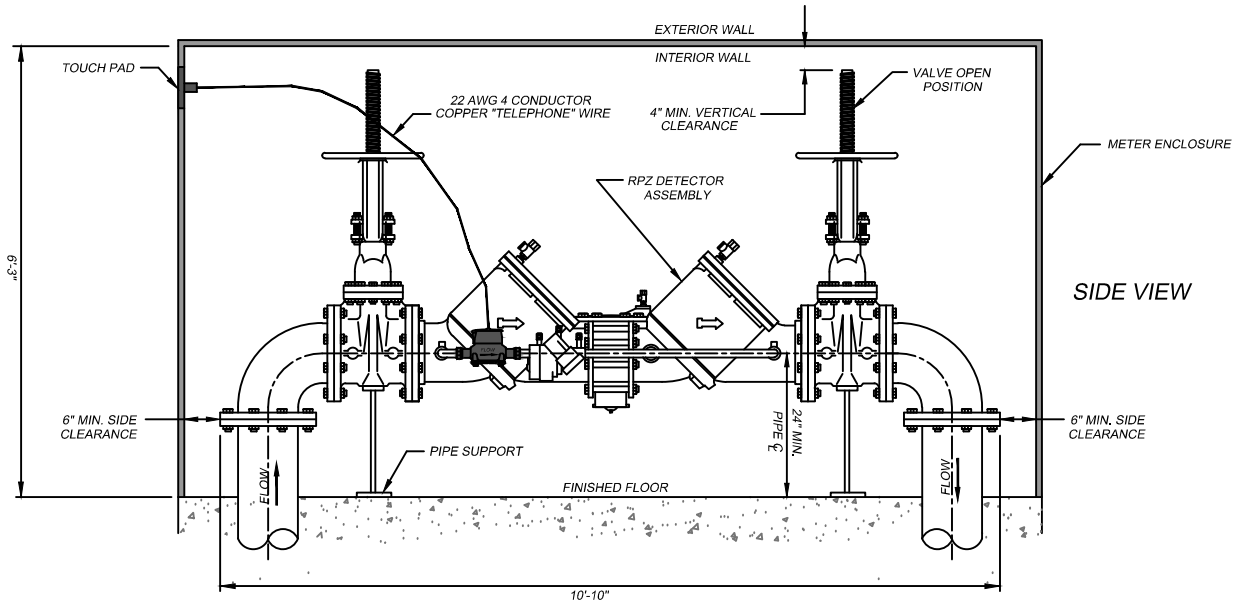
METER INSTALLATION STANDARD ABOVE GROUND HEATED ENCLOSURE

TYPICAL METER SETTING SPECIFICATIONS 4" RPZ DETECTOR ASSEMBLY

DRAWN BY: AC
DATE: 9-9-16 SCALE: 1/2"=1'-0" 1
DRAWING NO: MWC/16/054-00 1



NOTES:
1. SHADED EQUIPMENT TO BE PROVIDED BY MIDDLESEX WATER COMPANY.
2. TOUCHPAD AND WIRING TO BE PROVIDED BY MIDDLESEX WATER COMPANY.



1' 0' 1'
3/8"=1'-0"

ISSUED TO:	PROJECT NAME: DETAIL R METER SIZE & TYPE	DATE OF ISSUE:

REVISIONS

NO.	DATE	BY	DESCRIPTION

MIDDLESEX WATER COMPANY
1500 RONSON RD.
ISELIN, N.J. 08830-0452

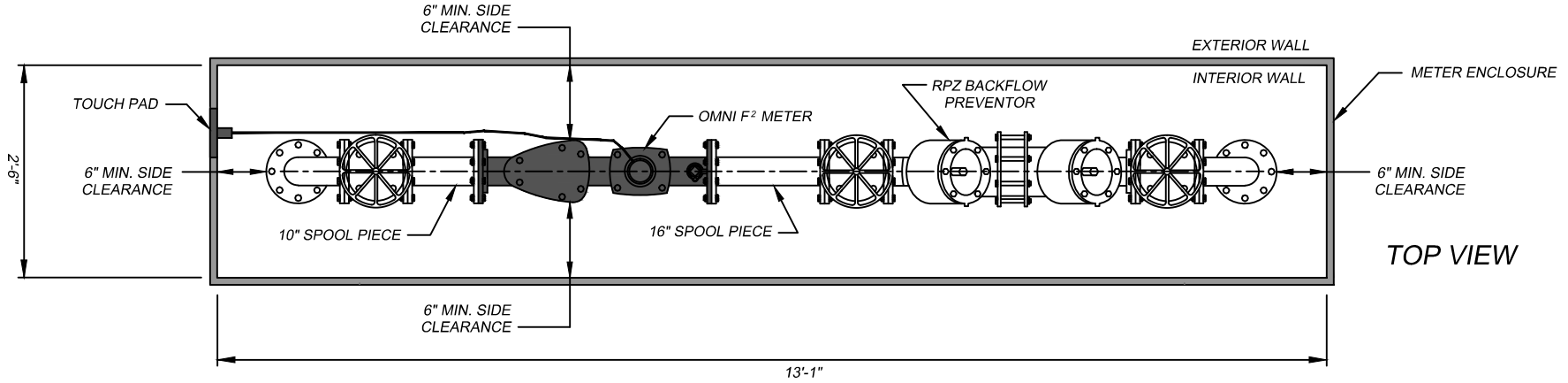
METER INSTALLATION STANDARD ABOVE GROUND HEATED ENCLOSURE

TYPICAL METER SETTING SPECIFICATIONS 10" RPZ DETECTOR ASSEMBLY

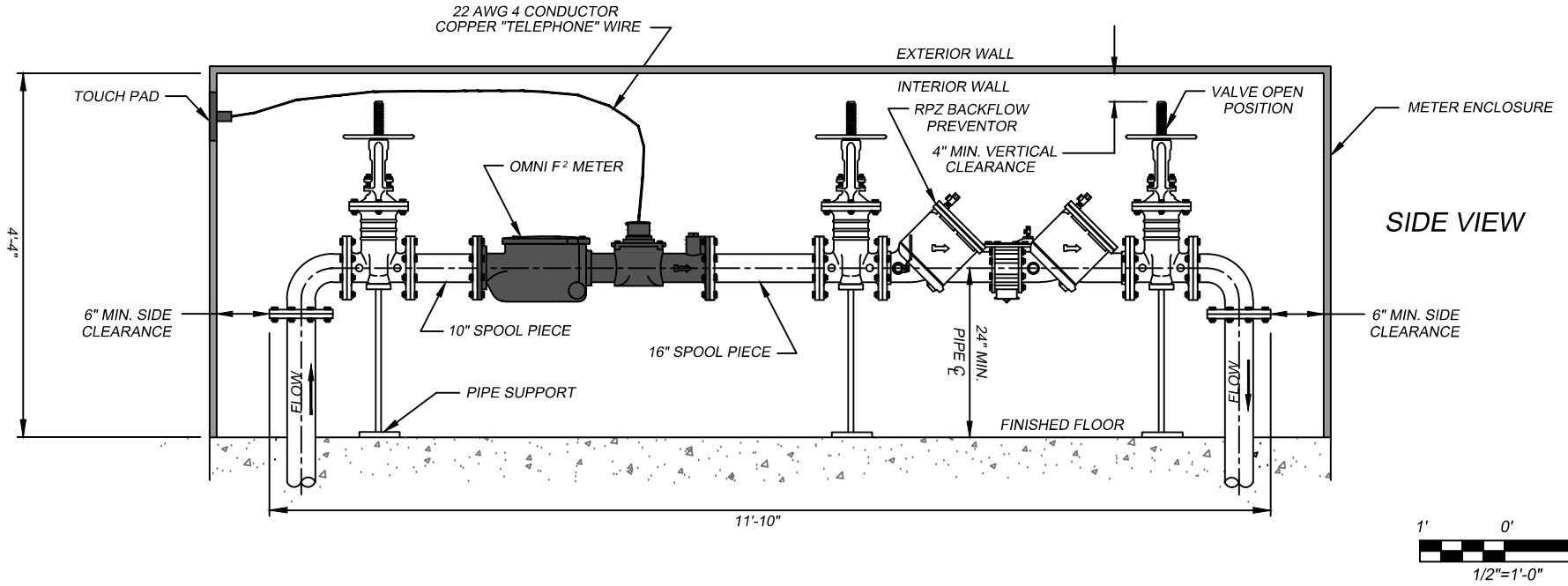
DRAWN BY: AC

DATE: 9-9-16 SCALE: 3/8"=1'-0" 1

DRAWING NO: MWC/16/055-00 1



NOTES:
1. SHADED EQUIPMENT TO BE PROVIDED BY MIDDLESEX WATER COMPANY.
2. TOUCHPAD AND WIRING TO BE PROVIDED BY MIDDLESEX WATER COMPANY.



1' 0' 1'
1/2"=1'-0"

ISSUED TO:	PROJECT NAME: DETAIL S METER SIZE & TYPE	DATE OF ISSUE:

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	8-9-16	AC	ADDED SPOOL PIECE

MIDDLESEX WATER COMPANY
1500 RONSON RD.
ISELIN, N.J. 08830-0452

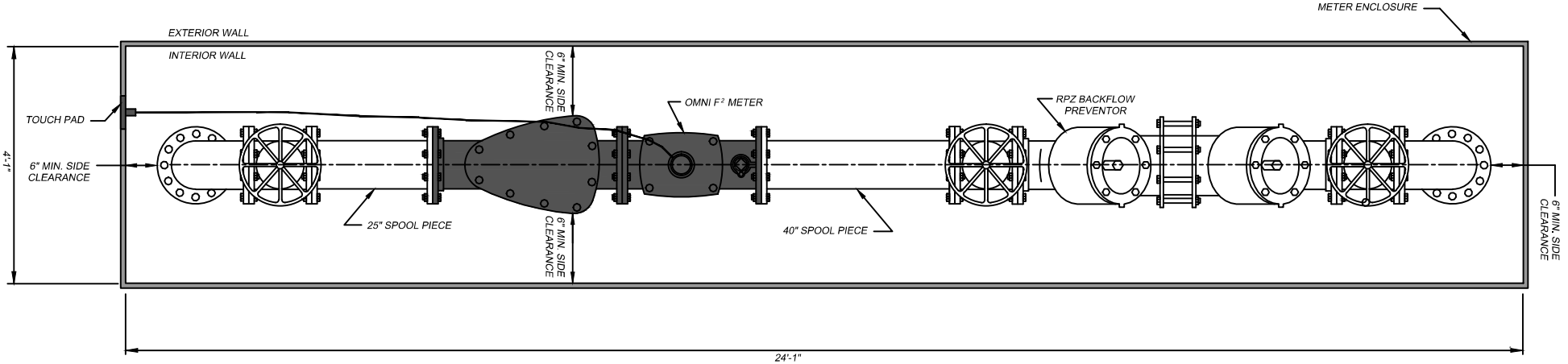
METER INSTALLATION STANDARD ABOVE GROUND HEATED ENCLOSURE

TYPICAL METER SETTING SPECIFICATIONS 4" OMNI F² METER w/RPZ

DRAWN BY: AC

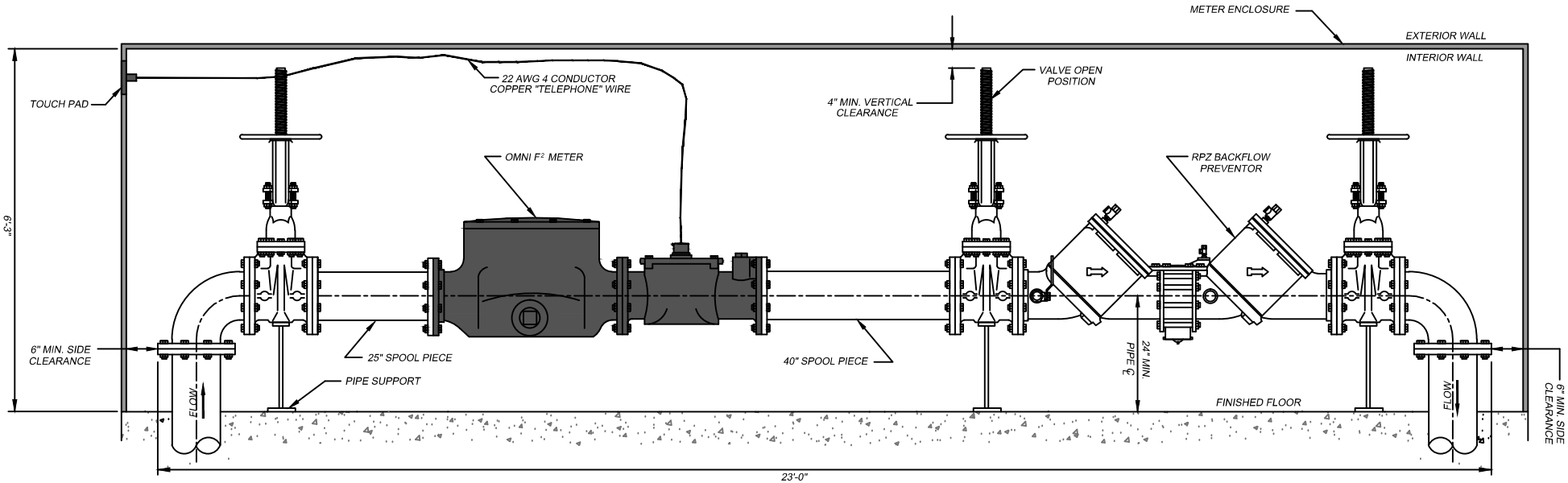
DATE: 6-6-16 SCALE: 1/2"=1'-0" 1

DRAWING NO: MWC/15/067-00 1



TOP VIEW

NOTES:
1. SHADED EQUIPMENT TO BE PROVIDED BY MIDDLESEX WATER COMPANY.
2. TOUCHPAD AND WIRING TO BE PROVIDED BY MIDDLESEX WATER COMPANY.



SIDE VIEW

1' 0' 1'
3/8"=1'-0"

ISSUED TO:	PROJECT NAME: DETAIL S METER SIZE & TYPE	DATE OF ISSUE:

REVISIONS

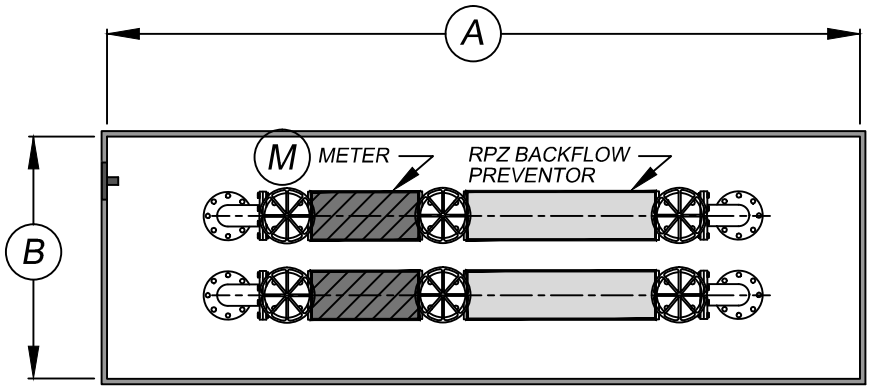
NO.	DATE	BY	DESCRIPTION
1	8-9-16	AC	ADDED SPOOL PIECE

MIDDLESEX WATER COMPANY
1500 RONSON RD.
ISELIN, N.J. 08830-0452

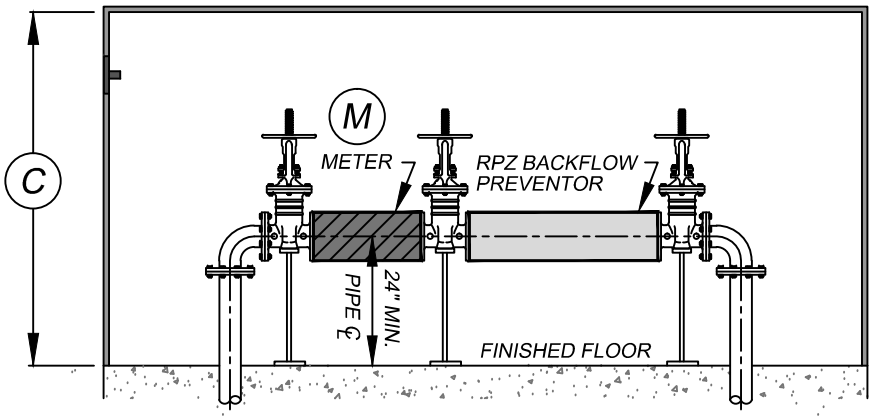
METER INSTALLATION STANDARD ABOVE GROUND HEATED ENCLOSURE

TYPICAL METER SETTING SPECIFICATIONS 10" OMNI F² METER w/RPZ

DRAWN BY: AC		
DATE: 6-6-16	SCALE: 3/8"=1'-0"	1 / 1
DRAWING NO: MWC/15/068-00		



METER ENCLOSURE
TOP VIEW



METER ENCLOSURE
SIDE VIEW

MIDDLESEX WATER CO. ABOVE GROUND HEATED ENCLOSURE
INTERIOR DIMENSIONS *

DOMESTIC SER. (w/RPZ)	A	B	C
3" SER. SIZE (inch)	LENGTH (ft)	WIDTH (ft)	HEIGHT (ft)
4" FIRE	13'-1"	4'-2"	4'-4"
6" FIRE	16'-7"	4'-6"	4'-10"
8" FIRE	19'-10"	5'-3"	5'-5"
10" FIRE	24'-1"	5'-9"	6'-3"

4" SER. SIZE (inch)	LENGTH (ft)	WIDTH (ft)	HEIGHT (ft)
4" FIRE	13'-1"	4'-3"	4'-4"
6" FIRE	16'-7"	4'-7"	4'-10"
8" FIRE	19'-10"	5'-4"	5'-5"
10" FIRE	24'-1"	5'-10"	6'-3"

6" SER. SIZE (inch)	LENGTH (ft)	WIDTH (ft)	HEIGHT (ft)
4" FIRE	14'-10"	5'-1"	4'-10"
6" FIRE	16'-7"	5'-6"	4'-10"
8" FIRE	19'-10"	6'-2"	5'-5"
10" FIRE	24'-1"	6'-9"	6'-3"

* ASSUMES RPZ IS WATTS LF909

DOMESTIC SER. (w/RPZ)	A	B	C
8" SER. SIZE (inch)	LENGTH (ft)	WIDTH (ft)	HEIGHT (ft)
4" FIRE	17'-11"	5'-1"	5'-5"
6" FIRE	17'-11"	5'-6"	5'-5"
8" FIRE	19'-10"	6'-3"	5'-5"
10" FIRE	24'-1"	6'-9"	6'-3"

10" SER. SIZE (inch)	LENGTH (ft)	WIDTH (ft)	HEIGHT (ft)
4" FIRE	21'-11"	6'-0"	6'-3"
6" FIRE	21'-11"	6'-4"	6'-3"
8" FIRE	21'-11"	7'-1"	6'-3"
10" FIRE	24'-1"	7'-7"	6'-3"

* ASSUMES RPZ IS WATTS LF909

M
"METER" LENGTH
(INCLUDES 2.5 x SPOOL PIECE
METER & 4x SPOOL PIECE)

DOMESTIC SER. (w/RPZ)	
SER. SIZE (inch)	LENGTH (ft.)
3"	36.5"
4"	46"
6"	63"
8"	82.13"
10"	106.13"

FIRE SER. (w/RPZ)	
SER. SIZE (inch)	LENGTH (ft.)
3"	N/A
4"	59"
6"	84"
8"	105"
10"	133"

NOTES:
1. MWC PROVIDES THE METER & METERING EQUIPMENT. CUSTOMER PROVIDES ALL OTHER ITEMS & IS RESPONSIBLE FOR ENCLOSURE AESTHETICS.
2. ENCLOSURE ACCESS CANNOT BE RESTRICTED BY LANDSCAPING OR STRUCTURES.
3. MWC MUST BE ABLE TO ACCESS METER BY TRUCK MOUNTED CRANE.
4. ENCLOSURE MUST BE AS CLOSE TO CURB LINE AS POSSIBLE / PRACTICAL.
5. FINAL DETAILS OF ENCLOSURE MUST BE APPROVED BY MWC.
6. DETAIL "E" PROVIDES SCALE DRAWINGS OF 4" & 10" DOMESTIC SERVICE.
7. DETAIL "S" PROVIDES SCALE DRAWINGS OF 4" & 10" FIRE SERVICE.

ISSUED TO:

PROJECT NAME: METER SIZE & TYPE TYPICAL DOUBLE METER

DATE OF ISSUE:

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	8-9-16	AC	ADDED SPOOL PIECE

MIDDLESEX WATER COMPANY
1500 RONSON RD.
ISELIN, N.J. 08830-0452

METER INSTALLATION STANDARD ABOVE GROUND HEATED ENCLOSURE

TYPICAL METER SETTING SPECIFICATIONS OMNI C2 METER w/RPZ

DRAWN BY: AC

DATE: 6-6-16 SCALE: NONE 1

DRAWING NO: MWC/16/001-00 1