

Village of Lincolnshire

Site Inspection Pamphlet

I _____, have received the Village of Lincolnshire site inspection pamphlet. I have read the pamphlet and understand the information and procedures I am to follow as well as all other Village applicable codes.

Signed _____

Date: _____

JOB SITE ADDRESS: _____

Village of Lincolnshire Water and Sewer Department
Site Inspection Pamphlet

Water Department - (847) 913-2380 / Engineering (847) 913-2366

Hours of construction- 7:00 a.m. - 7:00 p.m. Monday - Friday
8:00 a.m. - 4:00 p.m. Saturdays
No Sundays or Holidays

Any underground utilities installed off regular inspection hours (7:00 a.m. to 2:30 p.m.) Monday through Friday shall be left exposed until the next business day.

Please note that tickets will be issued for work done outside of the stated hours as well as illegal hydrant usage, illegal cross-connections, and debris in the right-of-ways and roadways.

ALL INSPECTIONS MUST BE SCHEDULED AT LEAST 24 HOURS IN ADVANCE. ALSO 24 HOUR NOTICE MUST BE GIVEN TO THE WATER DEPARTMENT FOR WATER METER PICK-UPS AND REQUESTS FOR HYDRANT METERS. (PLEASE NOTE THAT THE WATER DEPARTMENT NEEDS APPROXIMATELY 1 MONTH NOTICE BEFORE ORDERING YOUR DOMESTIC WATER METER AND/OR IRRIGATION METERS.)

The following items require Village inspection and approval. All inspections are done on a request basis. It is the responsibility of the contractor to call the Village as well as all permitting agencies and make an appointment for each inspection required.

* Contact the Village of Lincolnshire Public Works Department at (847) 913-2380 at least 48 hours prior to starting excavations.

Sewers- All applicable exterior sewer pipes and structures shall be inspected by Village personnel prior to backfilling. No work shall begin on any sewers until the Village of Lincolnshire has two (2) working days prior notice.

Reminder: The Village of Lincolnshire requires chimney seals (ext.) on all sanitary manholes 8" maximum on adjusting rings, and complete mortaring of the interior of the structure.

Watermain Taps- All watermain taps are to be called in to the Village of Lincolnshire Water Department at least 24 hours prior to the tap. The watermain core shall be given to the inspector.

Reminder: Contractors shall not operate Village valves or new valves directly tied to a Village main without permission from the Village of Lincolnshire Water Department.

Water System- Watermains, service lines and fire lines shall be pressure tested at 150 pounds for 2 hours, chlorinated, and sampled. Work shall be arranged with the Water Department.

Reminder: The Water Department requires a substantial flush of the system followed by a pressure pre-test of the main and service flush. Also all watermain is to be poly bagged unless soil tests prove poly wrap to be unnecessary and all valves are to be in 48" valve vaults or larger (Excluding hydrants). Please note that any water used on the job site will require the use of a hydrant meter on an active hydrant. Hydrant meters can be obtained from the Water Department and should be requested at least 48 hours prior to the time they are needed. Construction water will only be allowed after the above mentioned tests are performed and the Water Department receives acceptable sample results. At this time the Water Department will activate the main and will determine where the construction water will be drawn from.

Before building occupancy is granted, the final punch list (which is prepared by the Water Department and submitted to the Engineering Department) must be completed and approved by both departments. The final inspection will not be performed prior to finished grade i.e. landscaping, paving, etc.

Two complete sets of reproducible "As built" plans must be prepared and submitted to the Village Engineer prior to the final inspection for approval for (either tentative or final) acceptance.

All changes to the plans require notification, by the design engineer/site superintendent for approval of the change from the Village Engineer or his/her representative.

It shall be the contractors responsibility to comply with all laws, rules, standards, and regulations and to complete the construction in accordance with the requirements and practices of the Village of Lincolnshire, whether implicitly or explicitly shown on the drawings or permits.

Your cooperation will help speed up inspection time and also your construction time due to time delays caused by improper scheduling of inspections or re-inspections.

WATER METER SIZING FORM

Applicant: _____

Date: _____

Address: _____

Phone: _____

	Illinois Plumbing Code - April 2014	Fixture Units		# of Fixture		Fixture Count					
FIXTURE TYPES AND COUNTS	Bathtub-Private	2	X		=	0					
	Bathtub-Public	4	X		=	0					
	Shower Head - Private	2	X		=	0					
	Shower Head - Public	3	X		=	0					
	Water Closet - Private/Public,Tank Type	3	X		=	0					
	Water Closet - Private/Public, Flush Valve	10	X		=	0					
	Bidet Toilet	2	X		=	0					
	Urinal - 3/4" Flush Valve	5	X		=	0					
	Urinal - 1" Flush Valve	10	X		=	0					
	Urinal - Tank Type	3	X		=	0					
	Lavatory - Private	1	X		=	0					
	Lavatory - Public	2	X		=	0					
	Kitchen Sink - Private	2	X		=	0					
	Kitchen Sink - Public	4	X		=	0					
	Laundry Tray - Private	3	X		=	0					
	Service Sink/Laundry Tray	3	X		=	0					
	Dish Washing Machine - Private	1	X		=	0					
	Laundry Washing Machine - 8# Private	2	X		=	0					
	Laundry Washing Machine - 8# - 16# Public	4	X		=	0					
	Hose Bibb - 1/2" WashDown	2	X		=	0					
	Hose Bibb - 3/4" WashDown	4	X		=	0					
	Other Fixture Description & Values										
	Bar Sink	2	X		=	0					
	Dental Unit (Cuspidor)	1	X		=	0					
	Drinking Fountain - 3/8" Valve	0.5	X		=	0					
Ice Maker (Residential and Commercial)	1	X		=	0						
		X		=	0						
		X		=	0						
REFERENCE WATER METER SIZE						Initial Fixture Count:					
Gallons per Minute (GPM) : Maximum Fixture Value (FV)						0					
						Additional GPM (FV):					
						(Add additional GPM) from irrigation systems, special equipment or other sources on this meter					
						TOTAL FIXTURE VALUE (FV):	0				
						AWWA M22 Reference (GPM)					
						<input style="width: 100%; height: 20px;" type="text"/>					

Comment:

REFER TO ILLINOIS PLUMBING CODE FOR:
 WATER SERVICE SIZE (Appendix A table N or O)
 MAXIMUM DFU (Appendix A table G)

IRRIGATION SYSTEM DATA (Rotary or Spray)
 Total number of irrigation zones =
 Average number of heads per zone =
 Total number of irrigation zones running at the same time =

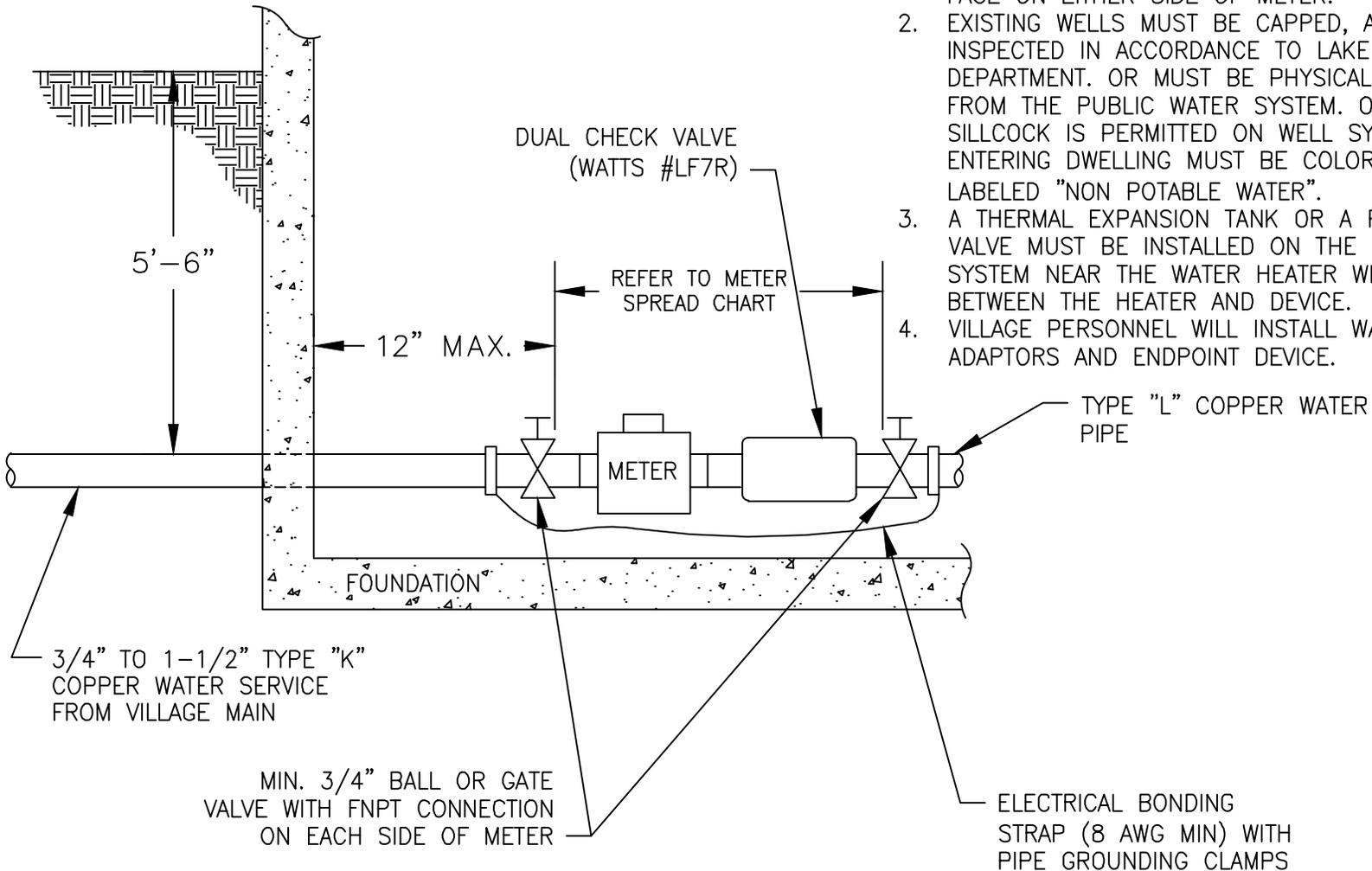
VILLAGE OF LINCOLNSHIRE WATER DEPARTMENT

METER SPREAD INFORMATION CHART

METER SIZE	LENGTH FLANGE TO FLANGE	METER SPREAD
3/4" METER (M25,M35)	* 12 3/4" (7 1/2")	11 3/4"
1" METER (M55,M70)	* 16" (10 3/4")	15"
1.5" Elliptical Long (M120)	13"	14"
2" METER	17"	18"
3" METER	17"	18"
4" METER	24"	25"
6" METER	24"	25"

* DENOTES METER LENGTH PLUS THREADED ADAPTERS

METER SPREAD - Is the open air distance between FNPT adaptors for meter with adaptor installation.



NOTES:

1. METER SPREAD MEASUREMENT IS TAKEN FROM VALVE FACE ON EITHER SIDE OF METER.
2. EXISTING WELLS MUST BE CAPPED, ABANDONED AND INSPECTED IN ACCORDANCE TO LAKE COUNTY HEALTH DEPARTMENT. OR MUST BE PHYSICALLY DISCONNECTED FROM THE PUBLIC WATER SYSTEM. ONLY ONE EXTERIOR SILLCOCK IS PERMITTED ON WELL SYSTEM. WELL PIPING ENTERING DWELLING MUST BE COLOR CODED AND LABELED "NON POTABLE WATER".
3. A THERMAL EXPANSION TANK OR A PRESSURE RELIEF VALVE MUST BE INSTALLED ON THE COLD WATER SYSTEM NEAR THE WATER HEATER WITH NO SHUT-OFF BETWEEN THE HEATER AND DEVICE.
4. VILLAGE PERSONNEL WILL INSTALL WATER METER WITH ADAPTORS AND ENDPOINT DEVICE.

RESIDENTIAL WATER METER SYSTEM

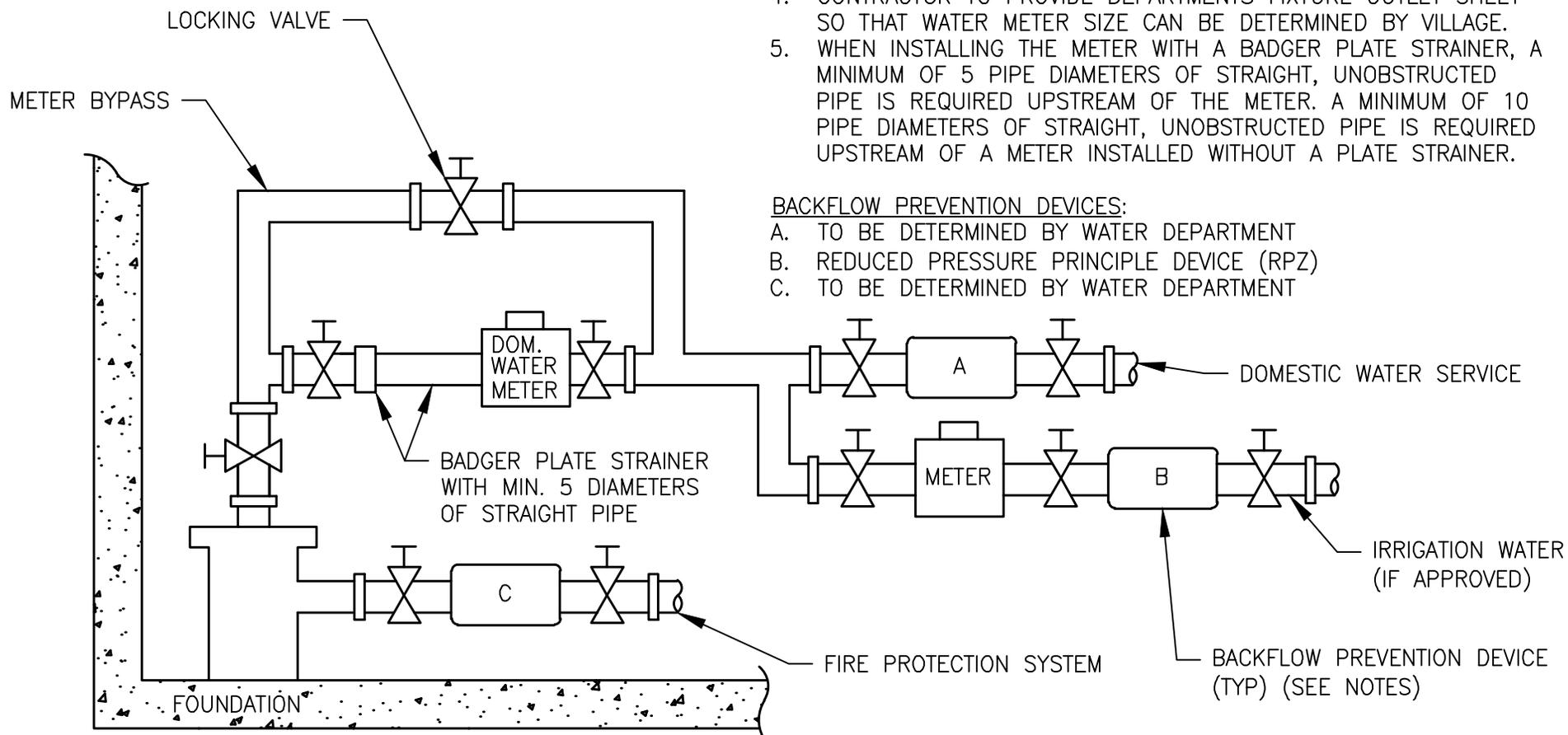
DESIGNED BY	SCALE NONE
DRAWN BY B&W	PROJECT NO. 180900
CHECKED BY	SHEET NO.
DATE MAY 2019	F-14

NOTES:

1. CONTRACTOR WILL INSTALL WATER METER WITH ADAPTORS.
2. WATER METER TO BE INSTALLED HORIZONTALLY ONLY.
3. DOMESTIC WATER METER BYPASS REQUIRED ON 2" METERS OR LARGER. METER BYPASS PIPING MUST BE AT LEAST HALF THE DIAMETER OF THE DOMESTIC SERVICE.
4. CONTRACTOR TO PROVIDE DEPARTMENTS FIXTURE OUTLET SHEET SO THAT WATER METER SIZE CAN BE DETERMINED BY VILLAGE.
5. WHEN INSTALLING THE METER WITH A BADGER PLATE STRAINER, A MINIMUM OF 5 PIPE DIAMETERS OF STRAIGHT, UNOBSTRUCTED PIPE IS REQUIRED UPSTREAM OF THE METER. A MINIMUM OF 10 PIPE DIAMETERS OF STRAIGHT, UNOBSTRUCTED PIPE IS REQUIRED UPSTREAM OF A METER INSTALLED WITHOUT A PLATE STRAINER.

BACKFLOW PREVENTION DEVICES:

- A. TO BE DETERMINED BY WATER DEPARTMENT
- B. REDUCED PRESSURE PRINCIPLE DEVICE (RPZ)
- C. TO BE DETERMINED BY WATER DEPARTMENT



COMMERCIAL WATER METER SYSTEM

DESIGNED BY	SCALE
DRAWN BY	NONE
B&W	PROJECT NO.
CHECKED BY	180900
DATE	SHEET NO.
NOV. 2018	F-17