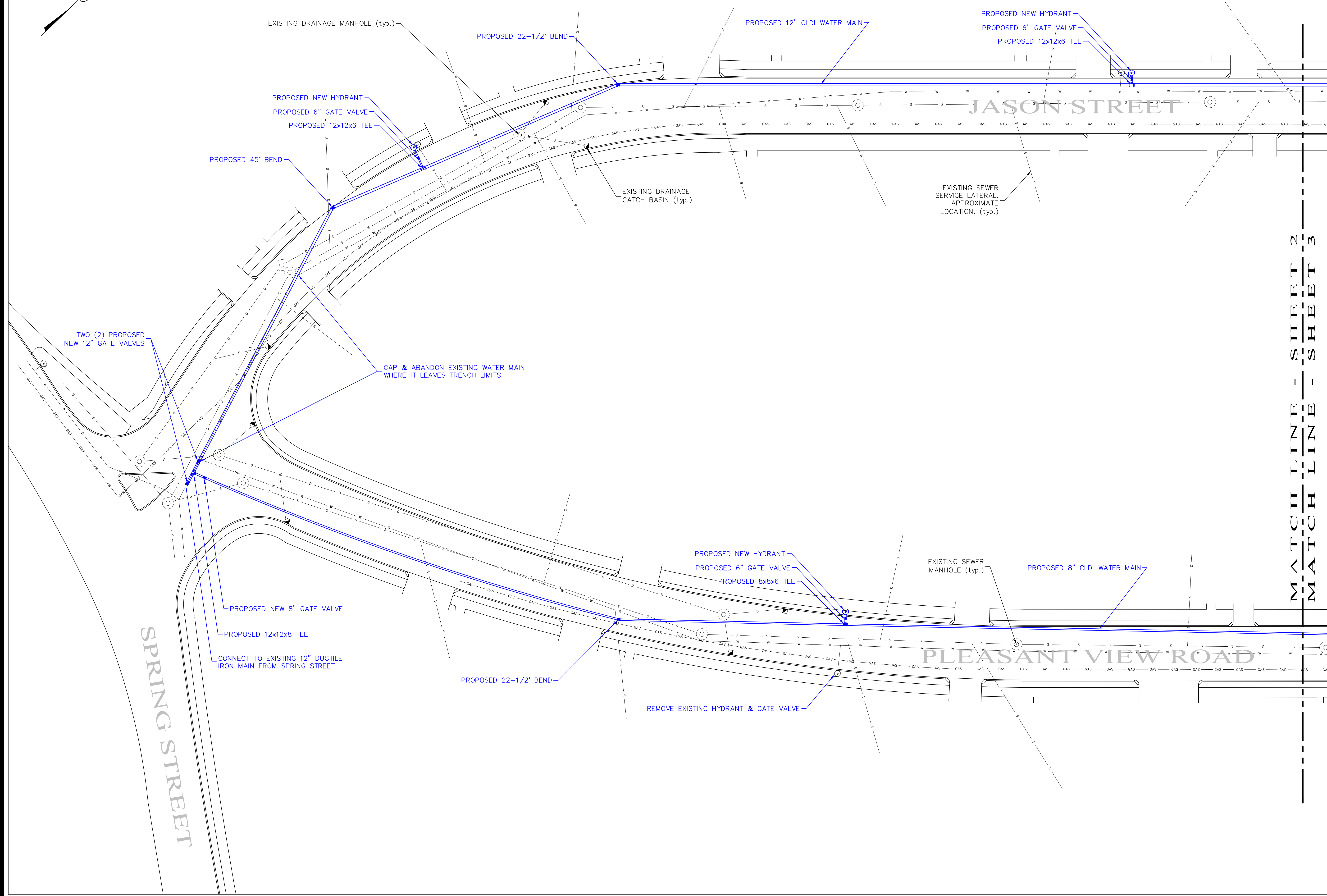
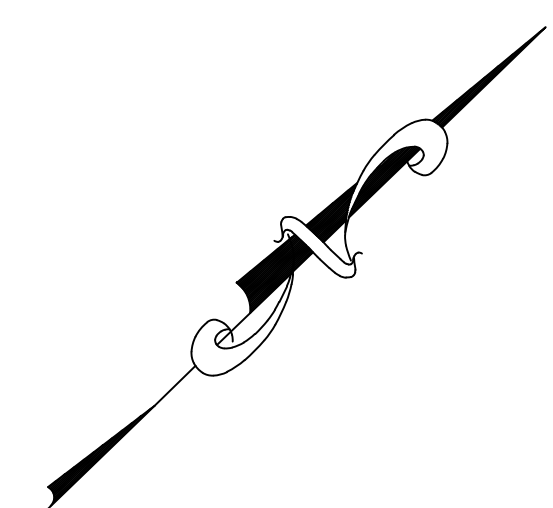




TOWN OF ARLINGTON

BID # 16-19 WATER DISTRIBUTION SYSTEM IMPROVEMENTS APRIL 20, 2016

PLAN LIST:
JASON STREET AREA - SHEETS 2-6
TYPICAL CONSTRUCTION DETAILS: SHEET 7



General Notes

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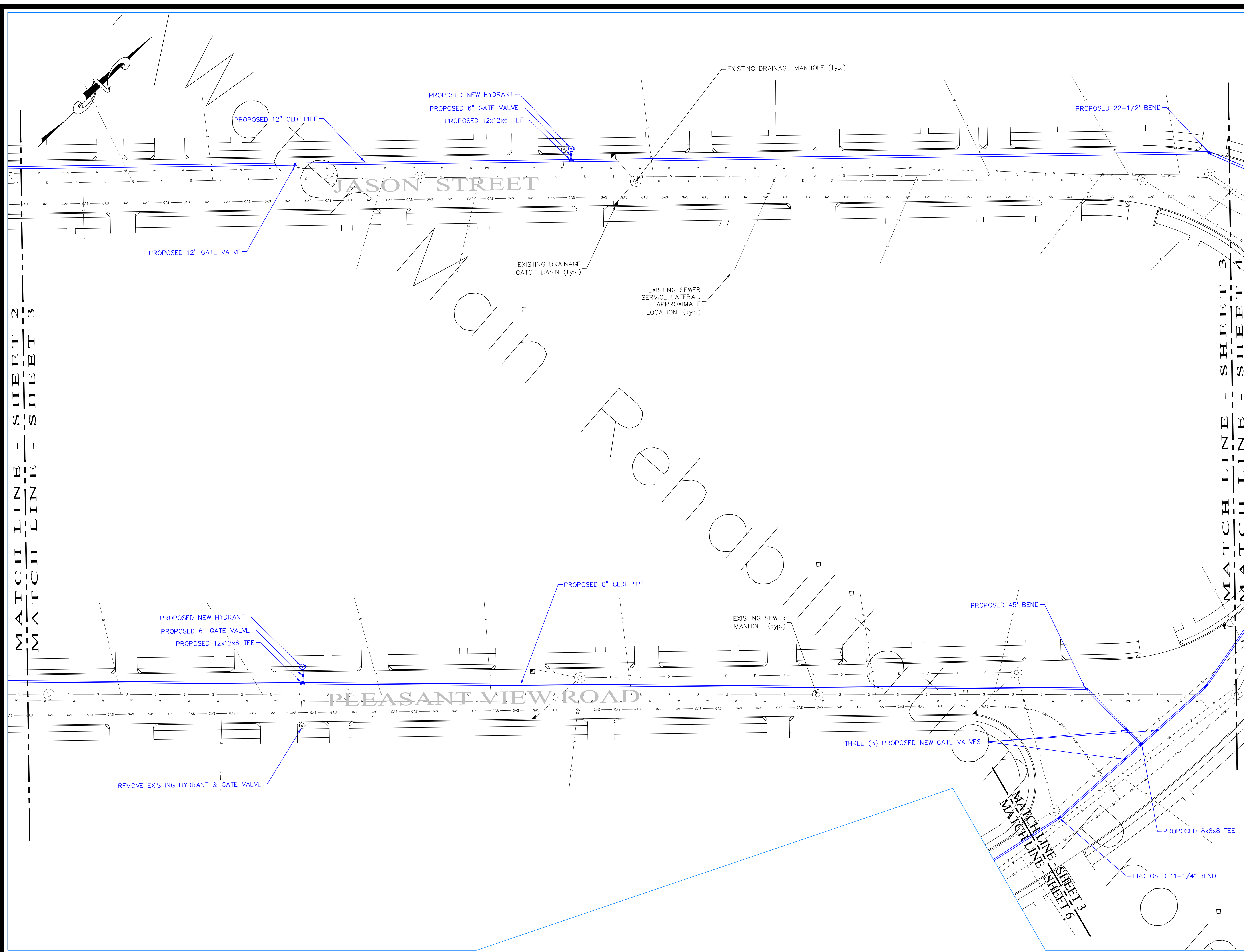
MATCH LINE - SHEET 2 - SHEET 3

No.	Revision/Issue	Date



**Water Distribution
System Improvements
Plan**
for
JASON STREET AREA
Arlington, MA

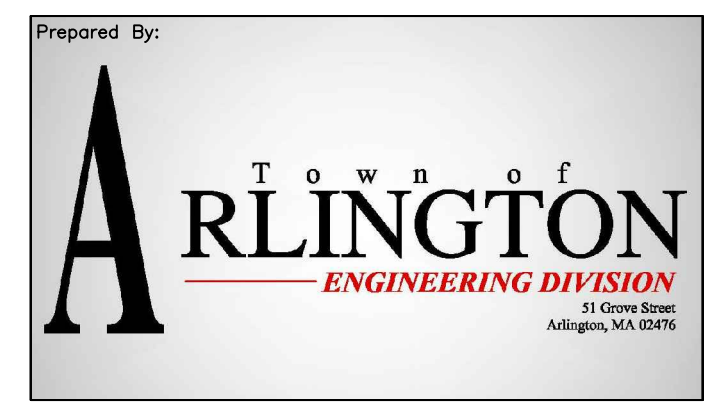
Project:	JAS-0001	Sheet	2 of 7
Drawn By:	KPK		
Scale:	1" = 20'		
Date:	4/11/2016		



General Notes

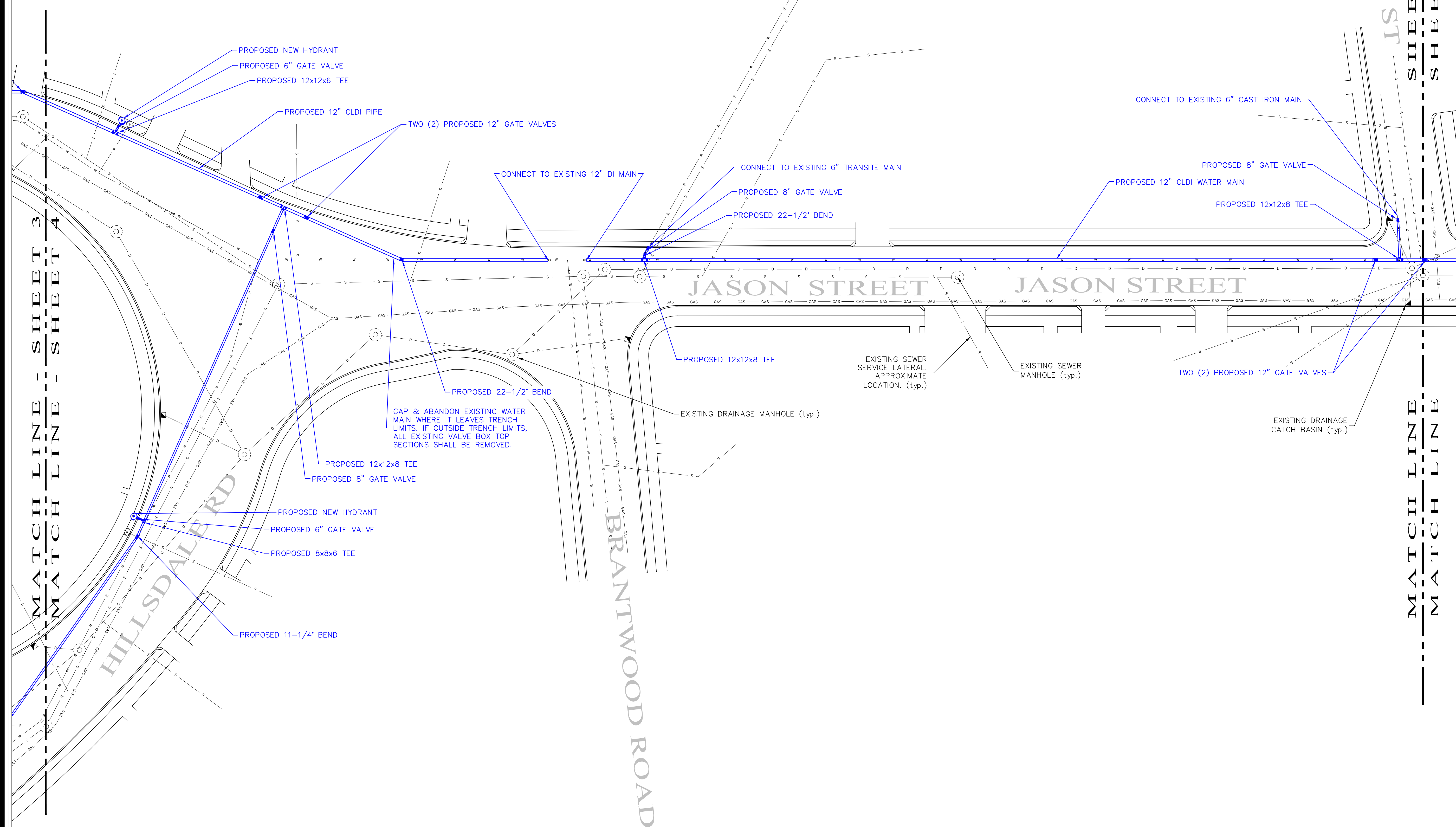
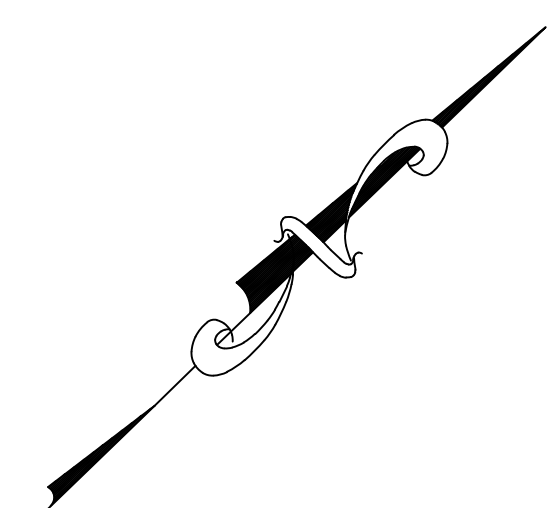
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Water Distribution System Improvements Plan
for
JASON STREET AREA
Arlington, MA

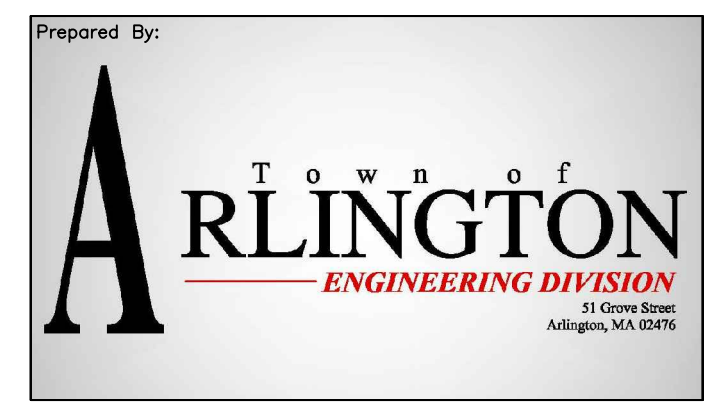
Project:	JAS-0001	Sheet	3 of 7
Drawn By:	KPK		
Scale:	1" = 20'		
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General Notes

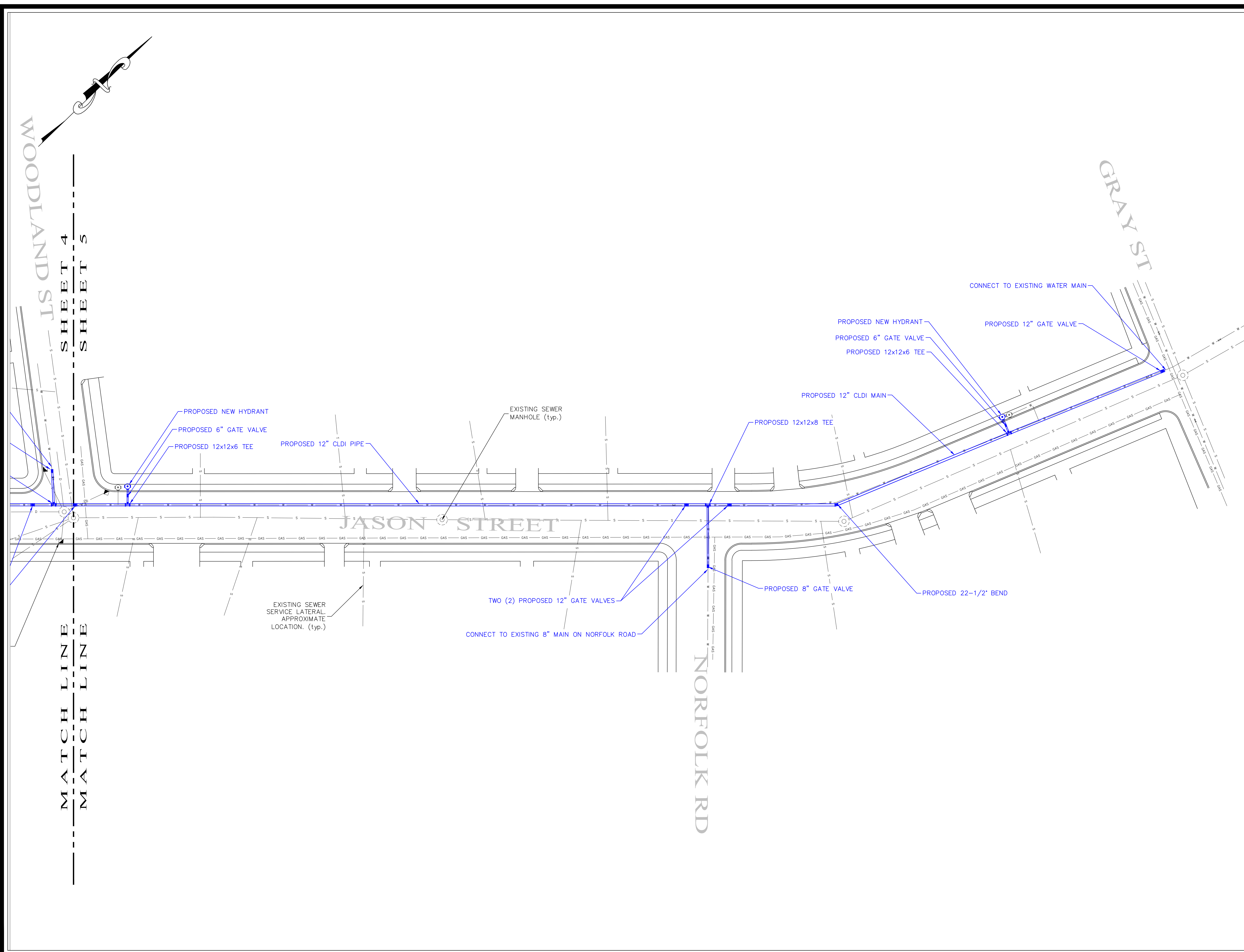
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**Water Distribution
System Improvements
Plan**
for
JASON STREET AREA
Arlington, MA

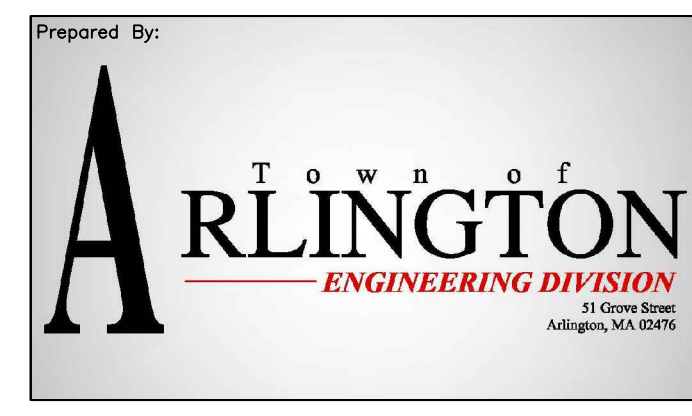
Project:	JAS-0001	Sheet	4 of 7
Drawn By:	KPK		
Scale:	1" = 20'		
Date:	4/11/2016		



General Notes

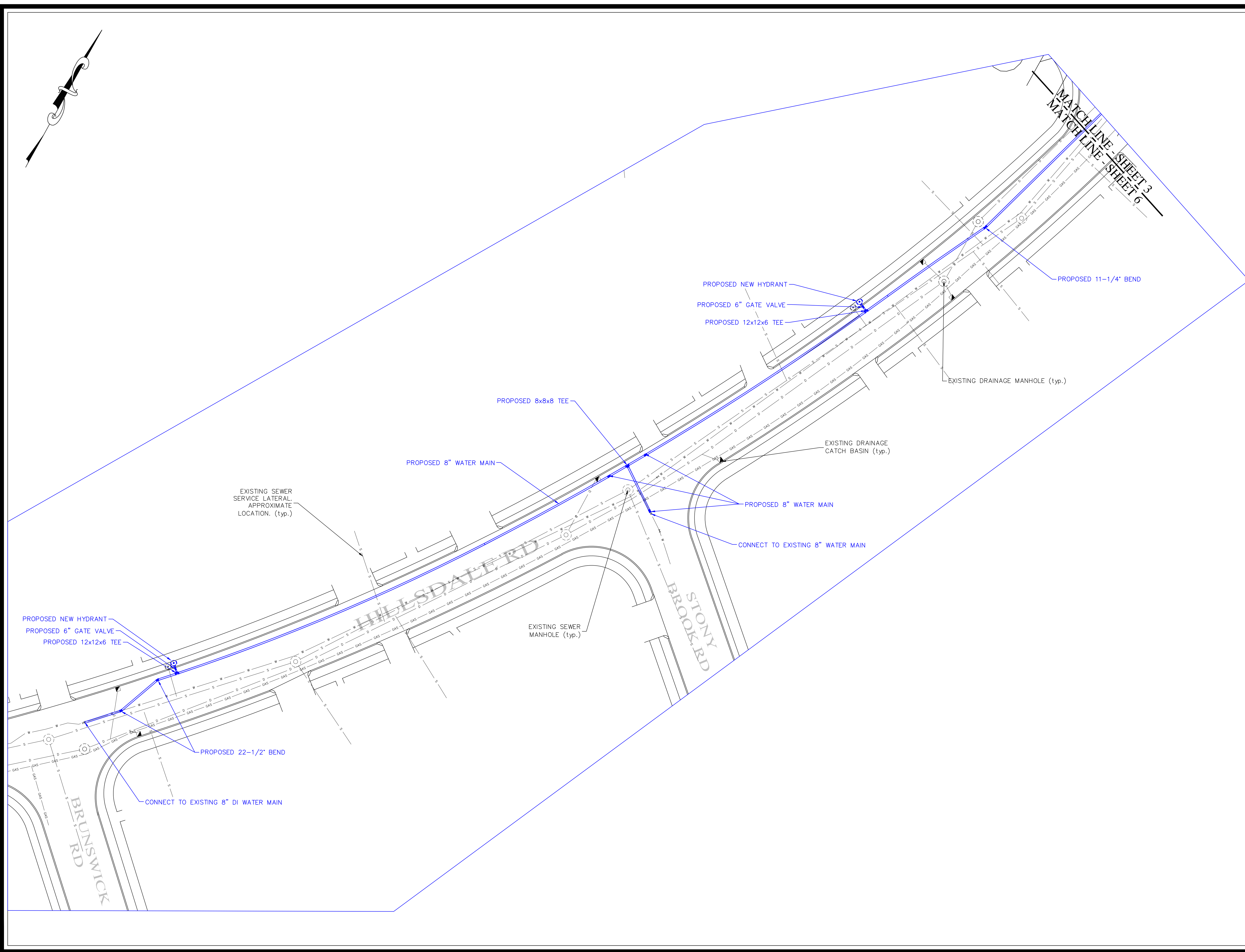
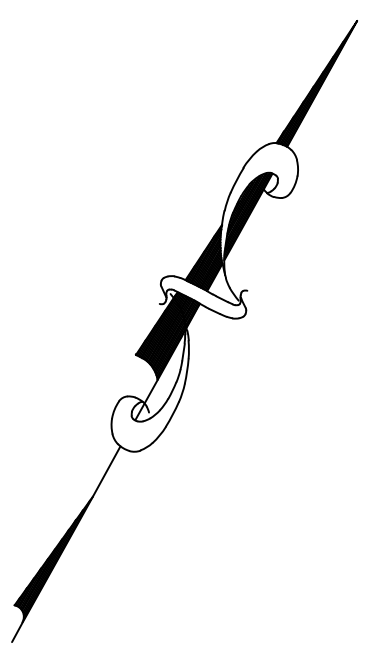
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**Water Distribution
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JASON STREET AREA
Arlington, MA

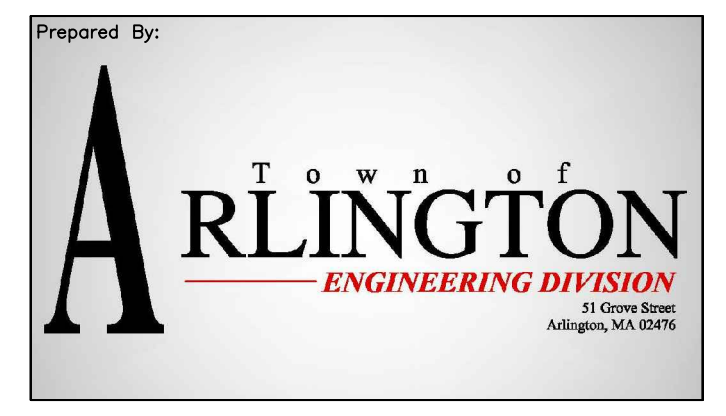
Project:	JAS-0001	Sheet	5 of 7
Drawn By:	KPK		
Scale:	1" = 20'		
Date:	4/11/2016		



General Notes

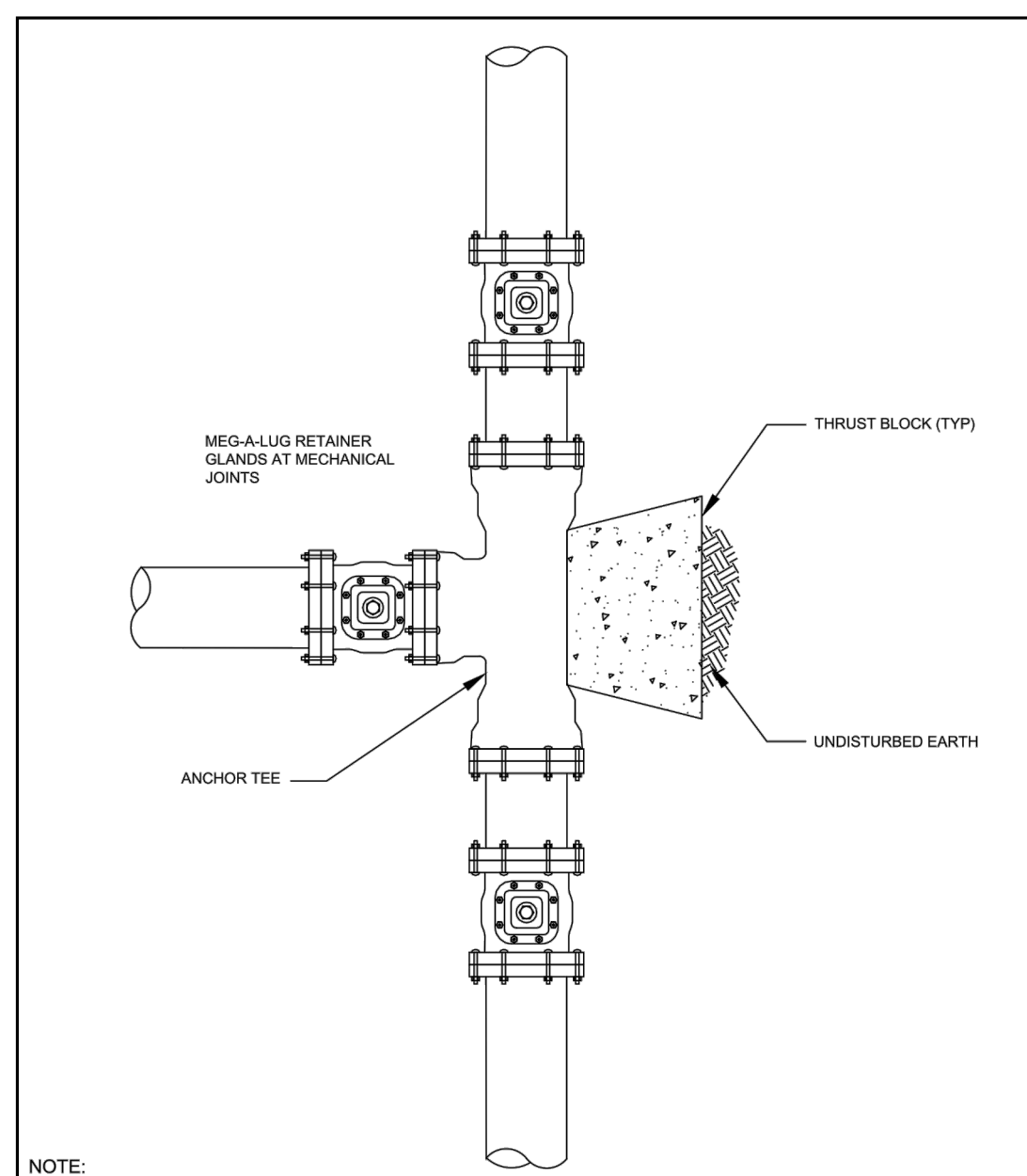
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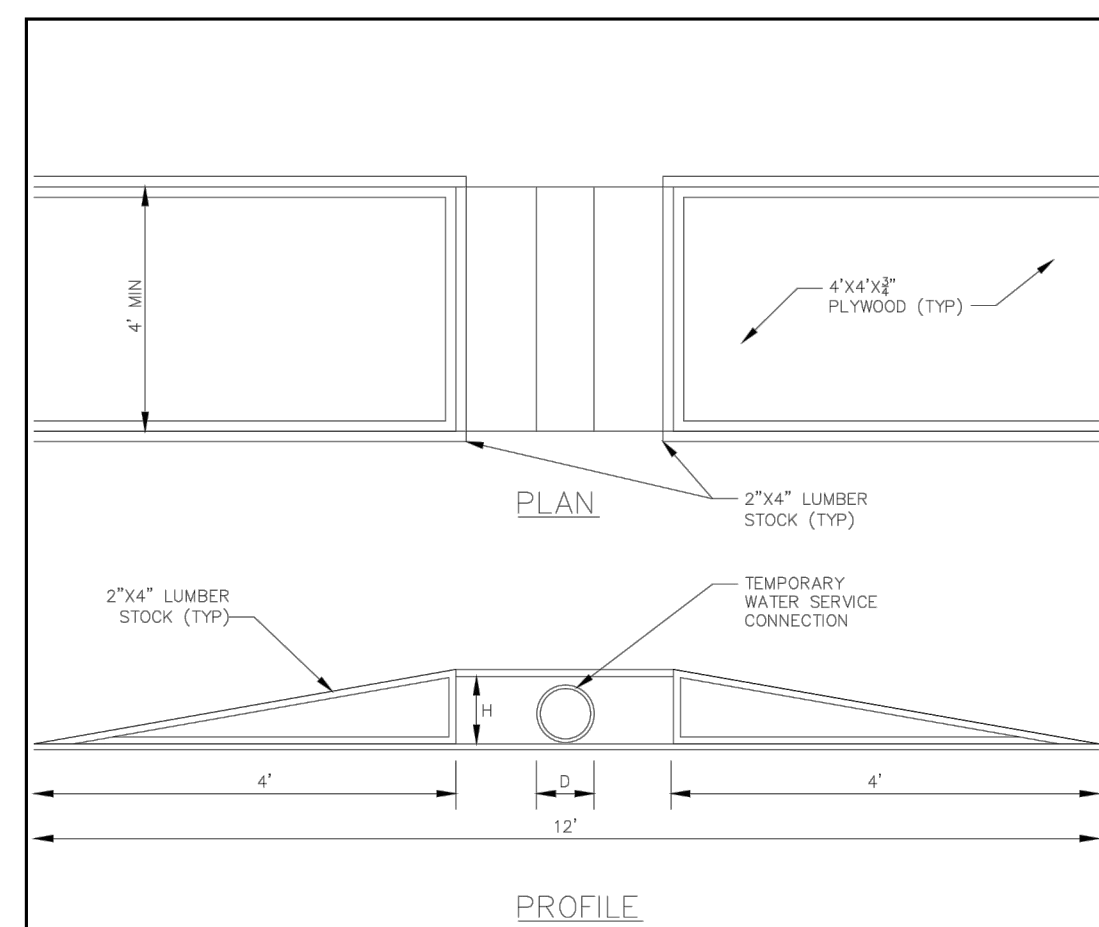
**Water Distribution
System Improvements
Plan**
for
JASON STREET AREA
Arlington, MA

Project:	JAS-0001	Sheet	6 of 7
Drawn By:	KPK		
Scale:	1" = 20'		
Date:	4/11/2016		



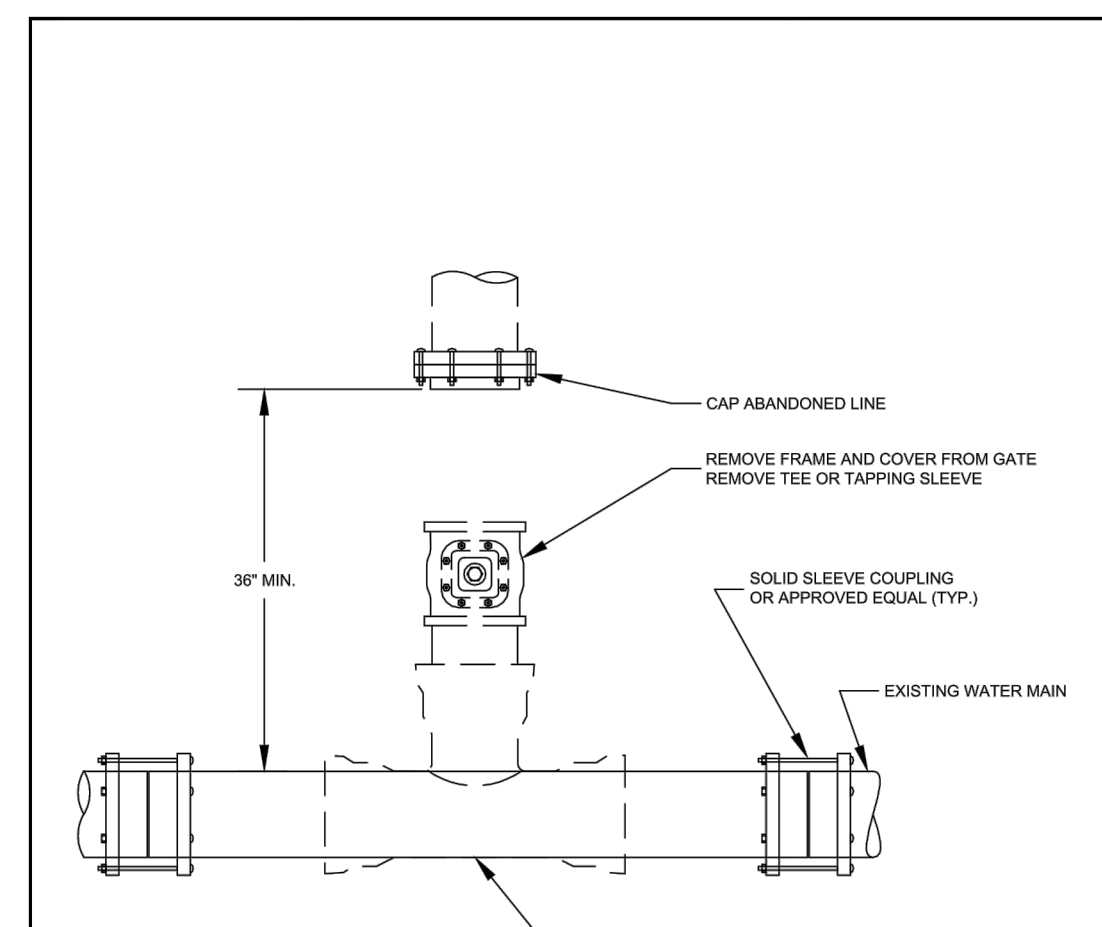
NOTE:
1. ALL INSTALLATIONS SHALL CONFORM TO TOWN OF ARLINGTON STANDARD WATER REGULATIONS & SPECIFICATIONS.

ARLINGTON ENGINEERING AND DESIGN	TYPICAL ANCHOR TEE INSTALLATION	OCT. 2014	W-0007
		NOT TO SCALE	
		REVISION ①	



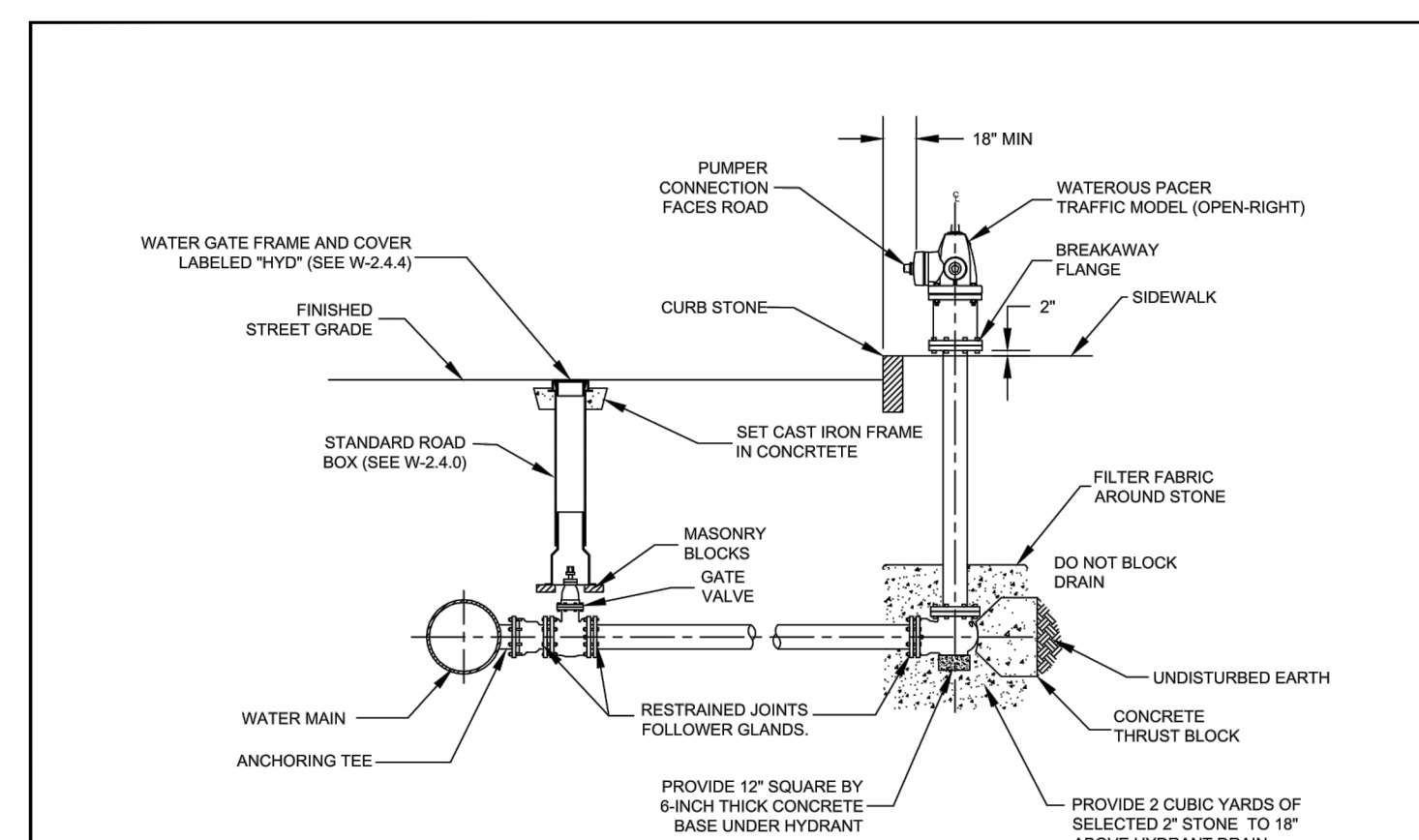
NOTE:
1. ADDITIONAL RAMPS TO BE INSTALLED AS DIRECTED BY THE ENGINEER.
2. FLASHING BARRIERS ARE REQUIRED ON STREET SIDE OF ALL RAMPS. ADDITIONAL BARRIERS TO BE SUPPLIED AS REQUIRED BY THE ENGINEER.
3. RAMP SECTIONS SHALL BE FASTENED TOGETHER TO PROVIDE STABILITY.

ARLINGTON ENGINEERING AND DESIGN	WATER MAIN BYPASS TEMPORARY PEDESTRIAN RAMP	OCT. 2014	W-0013
		NOT TO SCALE	
		REVISION ①	



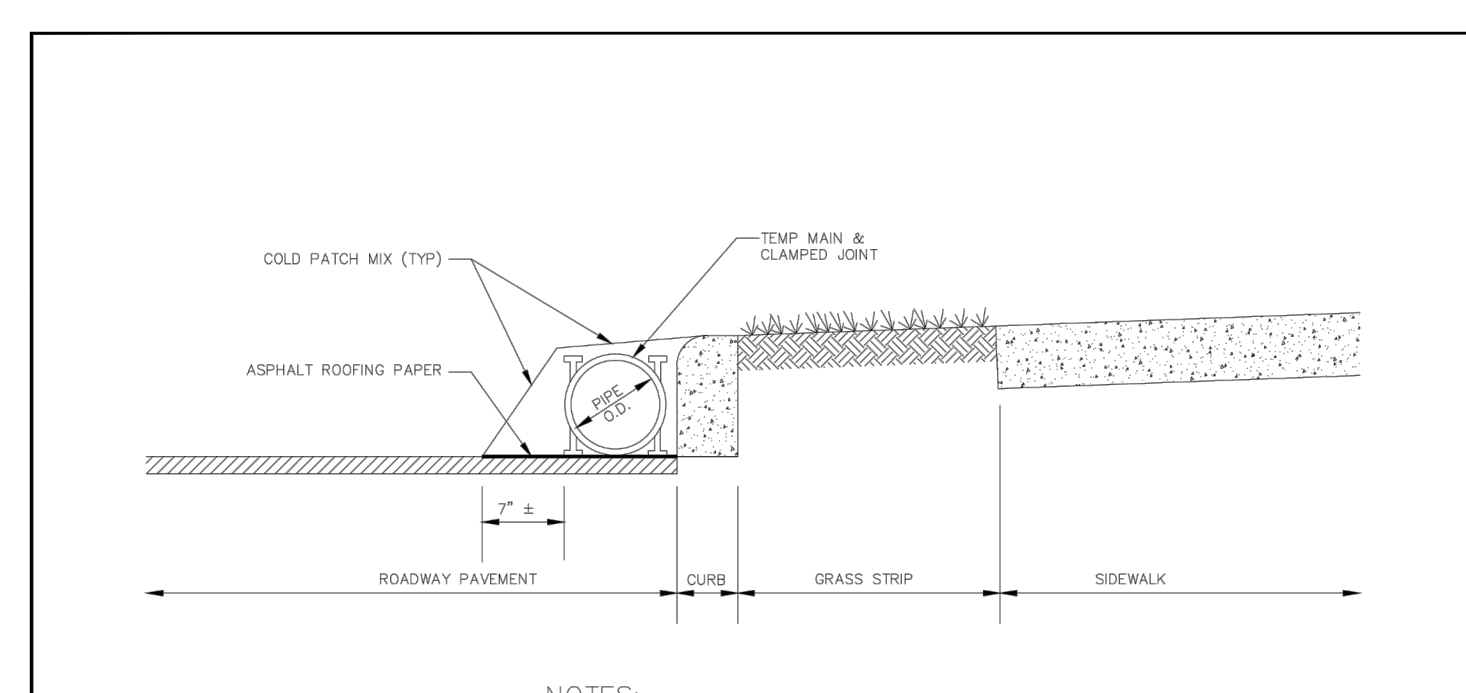
NOTE:
1. ALL INSTALLATIONS SHALL CONFORM TO TOWN OF ARLINGTON STANDARD WATER REGULATIONS & SPECIFICATIONS.

ARLINGTON ENGINEERING AND DESIGN	TYPICAL CUT & REMOVE EXISTING CONNECTION OVER 2"	OCT. 2014	W-0009
		NOT TO SCALE	
		REVISION ①	



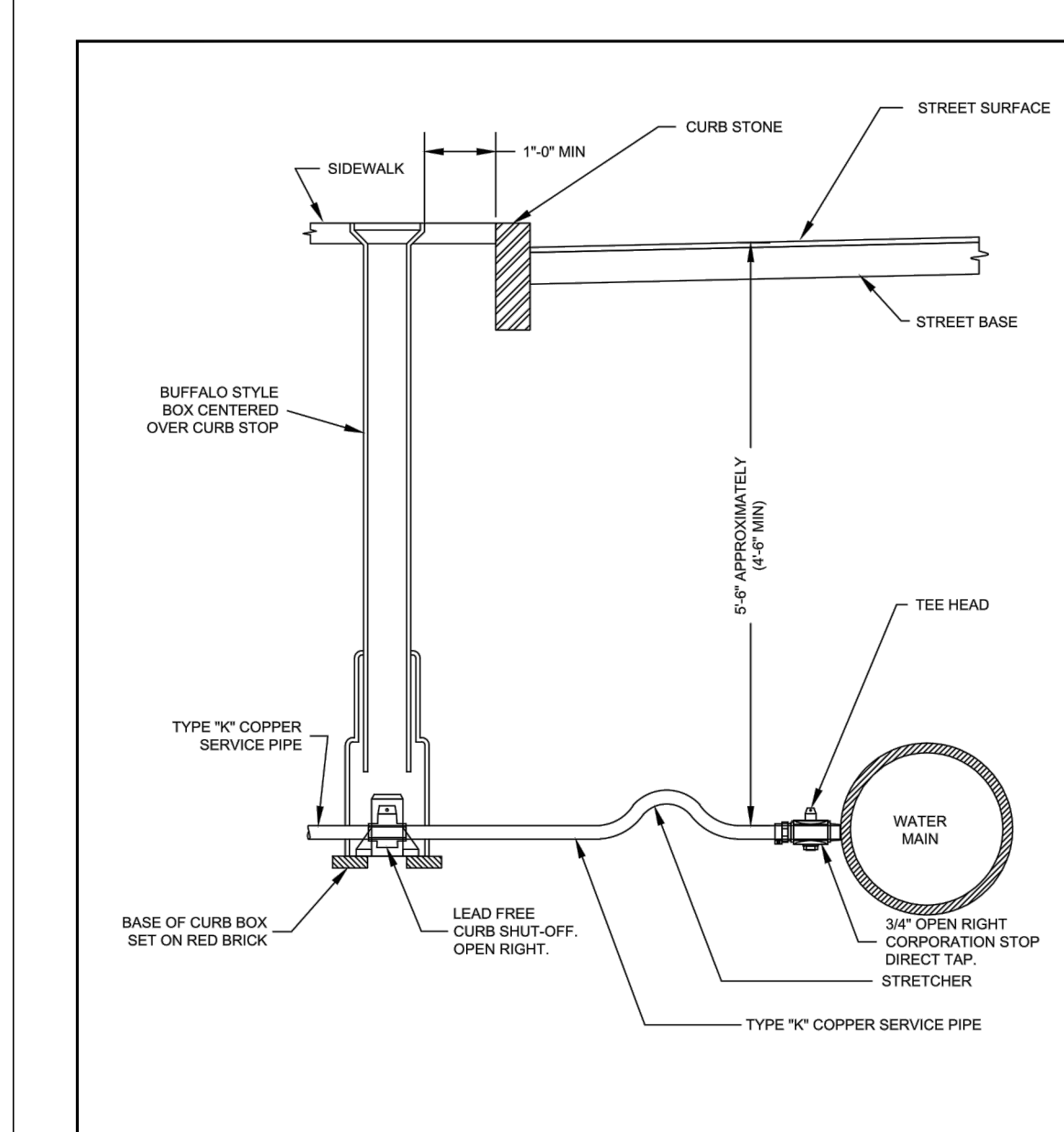
NOTE:
1. ALL INSTALLATIONS SHALL CONFORM TO TOWN OF ARLINGTON STANDARD WATER REGULATIONS & SPECIFICATIONS.

ARLINGTON ENGINEERING AND DESIGN	TYPICAL FIRE HYDRANT INSTALLATION	OCT. 2014	W-0008
		NOT TO SCALE	
		REVISION ①	



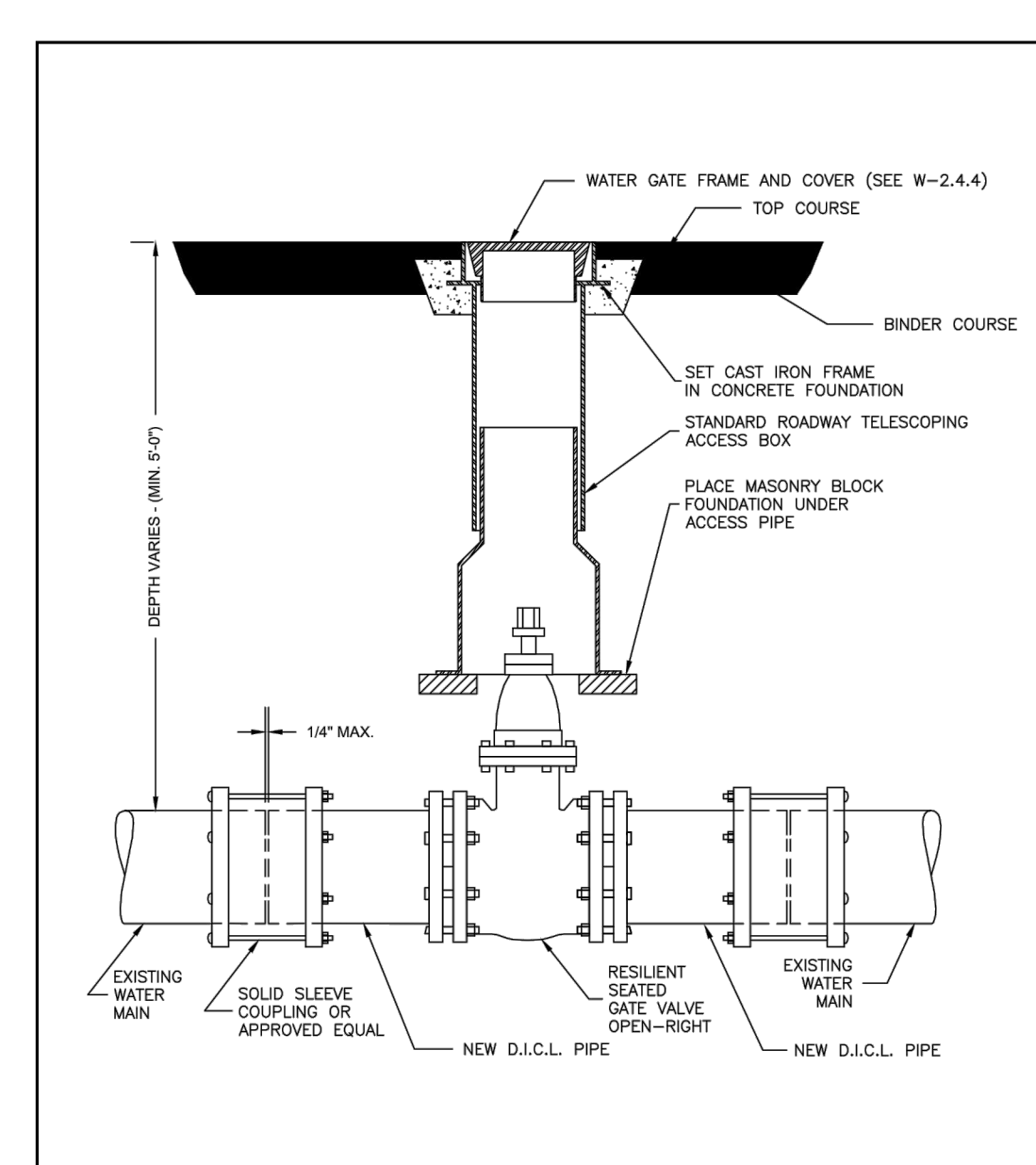
NOTE:
1. INSTALL COLD PATCH MIX AS INDICATED AT EACH CLAMPED JOINT.

ARLINGTON ENGINEERING AND DESIGN	WATER MAIN BYPASS TEMPORARY PIPE PROTECTION	OCT. 2014	W-0012
		NOT TO SCALE	
		REVISION ①	



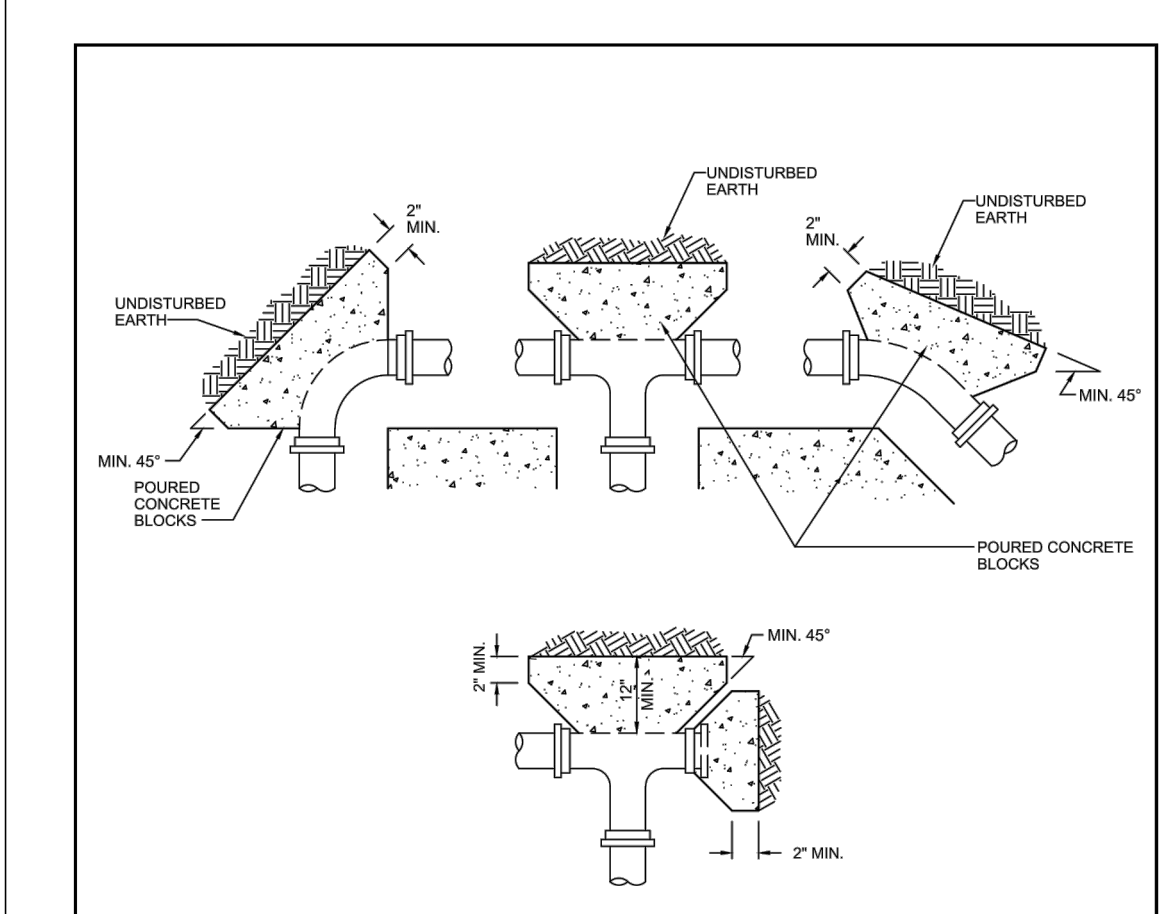
NOTE:
1. ALL INSTALLATIONS SHALL CONFORM TO TOWN OF ARLINGTON STANDARD WATER REGULATIONS & SPECIFICATIONS.

ARLINGTON ENGINEERING AND DESIGN	TYPICAL WATER CONNECTION FOR 3/4" SERVICE	OCT. 2014	W-0001
		NOT TO SCALE	
		REVISION ①	



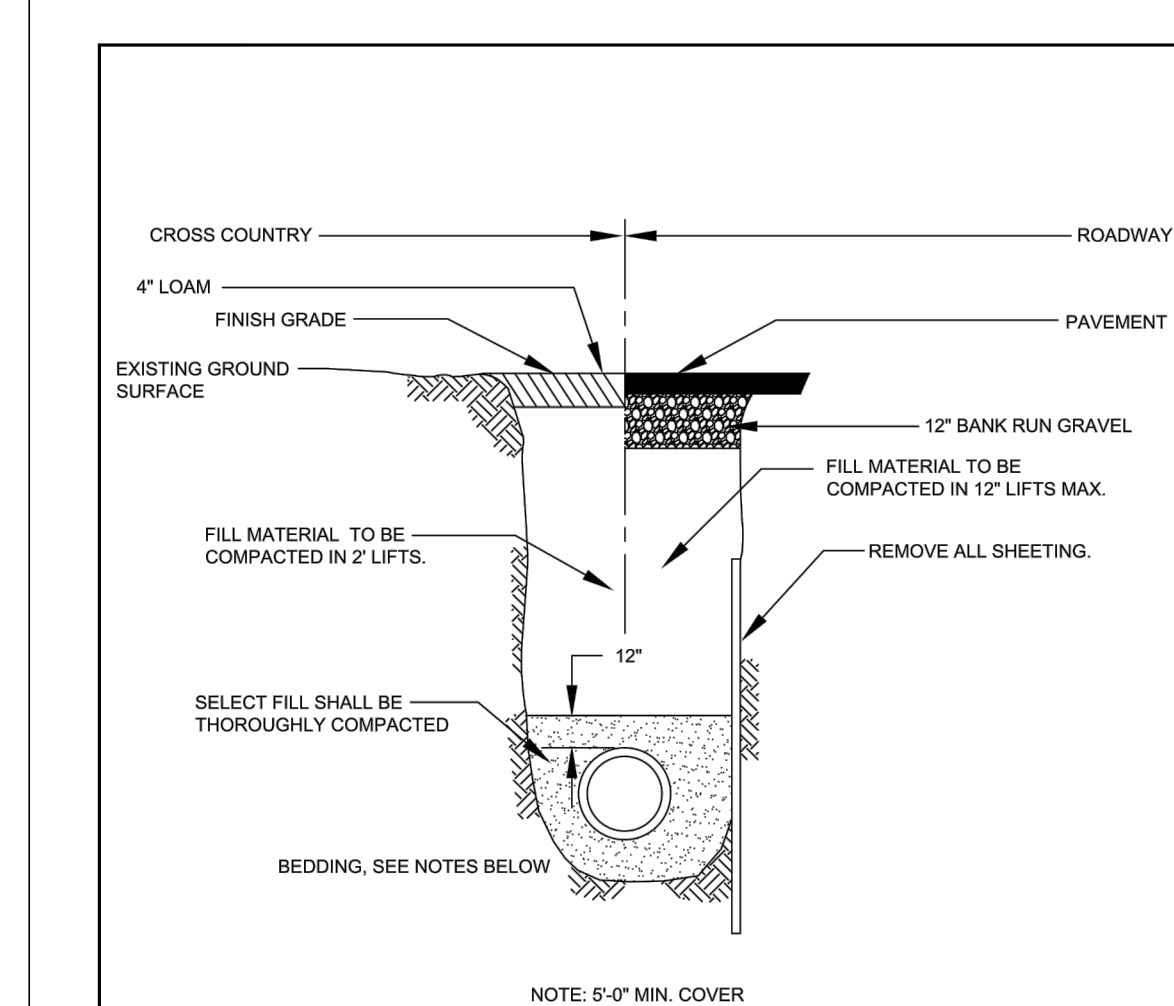
NOTE:
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ARLINGTON ENGINEERING AND DESIGN	TYPICAL GATE VALVE INSTALLATION ON EXISTING MAIN	OCT. 2014	W-0004
		NOT TO SCALE	
		REVISION ①	



NOTE:
1. ALL INSTALLATIONS SHALL CONFORM TO TOWN OF ARLINGTON STANDARD WATER REGULATIONS & SPECIFICATIONS.
2. SPECIFIC THRUST BLOCK DESIGN SHALL CONFORM TO AWWA GUIDELINES.
3. PLACE 4 ml. POLYETHYLENE BETWEEN CONCRETE AND FITTING (CONCRETE SHALL NOT INTERFERE WITH JOINT).
4. MINIMUM CONCRETE THICKNESS SHALL BE 12 INCHES.
5. THRUST BLOCK ORIENTATION SHALL BE SUCH THAT THE CENTER OF THE FITTING CORRESPONDS WITH THE CENTER OF THE THRUST BLOCK.
6. THE MINIMUM ALLOWABLE ANGLE (EITHER VERTICAL OR HORIZONTAL) SHALL BE 45 DEGREES.

ARLINGTON ENGINEERING AND DESIGN	TYPICAL THRUST BLOCK DETAIL	OCT. 2014	W-0005
		NOT TO SCALE	
		REVISION ①	



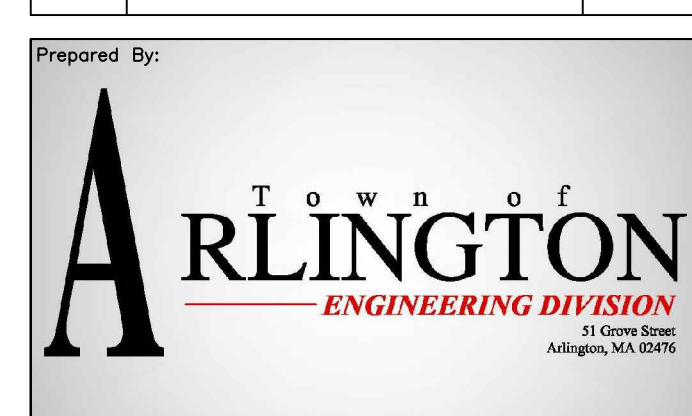
NOTE:
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2. TOWN OF ARLINGTON MAY REQUIRE FLOWABLE FILL AT ITS DISCRETION.
3. FOR LOCATIONS WHERE LEDGE IS NOT ENCOUNTERED IN TRENCH, PIPE SHALL BE LAID ON SAND BEDDING CONSISTENT WITH AWWA GUIDELINES.
4. FOR LOCATIONS WHERE LEDGE IS ENCOUNTERED, SAND BEDDING SHALL BE MINIMUM OF 12" THICK UNDER PIPE.
5. FILL MATERIAL SHALL BE COMPACTED TO 95% PROCTOR DENSITY.

ARLINGTON ENGINEERING AND DESIGN	TYPICAL WATER MAIN TRENCH DETAIL	OCT. 2014	W-0006
		NOT TO SCALE	
		REVISION ①	

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Water Distribution System Improvements Plan for JASON STREET AREA
Arlington, MA

Project:	JAS-0001	Sheet	7 of 7
Drawn By:	KPK		
Scale:	1" = 20'		
Date:	4/11/2016		