

TOWN OF ARLINGTON

BID # 18-18
2018 WATER DISTRIBUTION
SYSTEM IMPROVEMENTS -
VARIOUS LOCATIONS

JUNE 21, 2018

PLAN LIST:

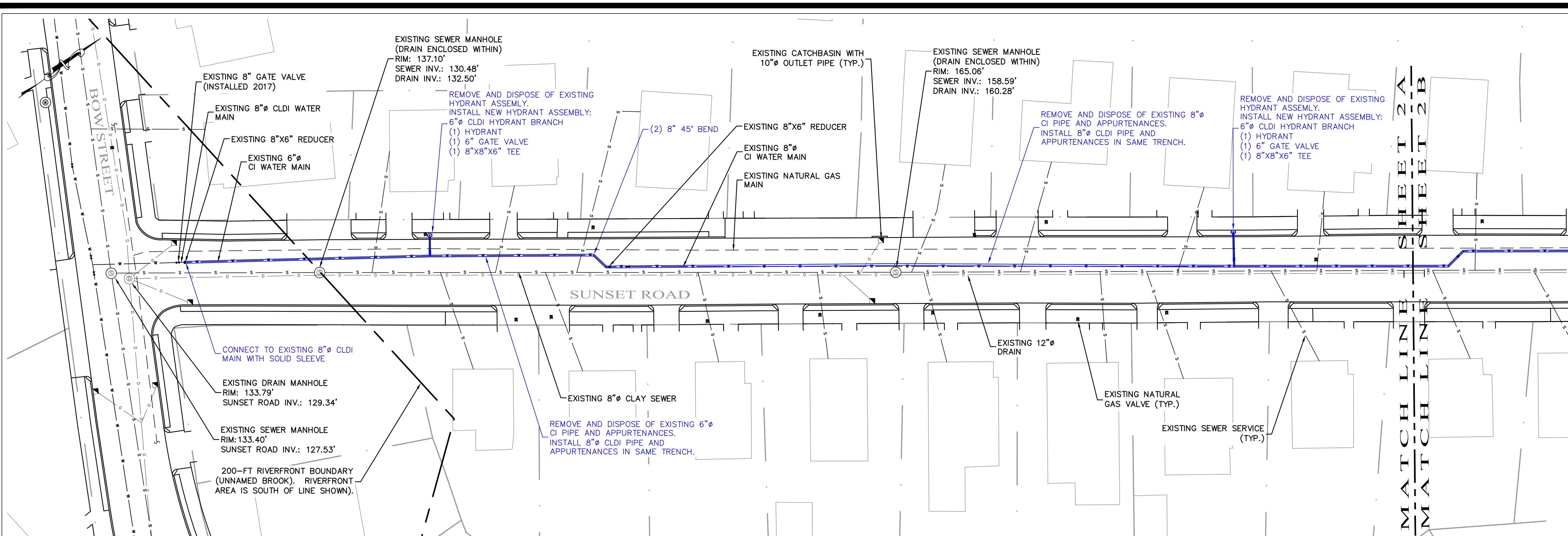
COVER - SHEET 1

SUNSET ROAD - SHEETS 2-3

LENNON ROAD - SHEETS 4-5

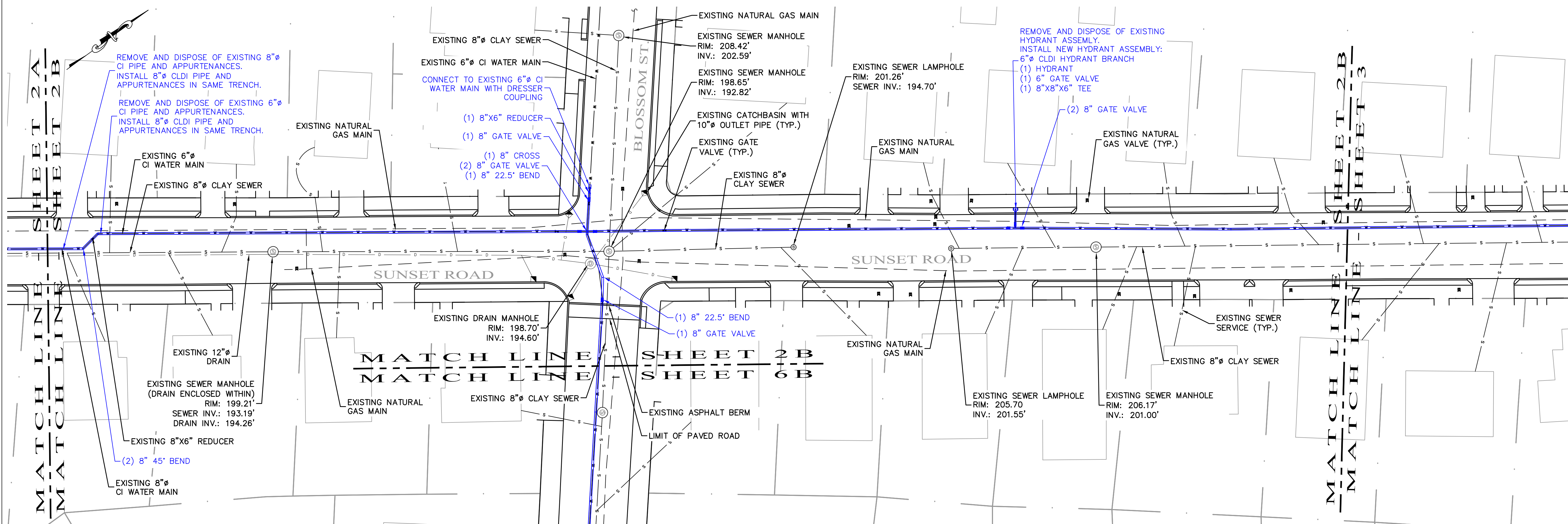
BLOSSOM STREET - SHEET 6

GENERAL NOTES AND TYPICAL CONSTRUCTION DETAILS: SHEET 7



PLAN 2A - SUNSET ROAD

SCALE: 1"=20'



PLAN 2B - SUNSET ROAD

SCALE: 1"=20'

NOTES

- Segments of existing water main, sewer main, and drain main in Sunset Road are located within the same trench.
- No fueling of equipment shall be allowed within the 200-FT Riverfront Resource Area Boundaries.
- Sidewalks on Sunset Road are constructed of concrete.
- Blossom Street has a gravel roadway surface between Sunset Road and Lennon Road.

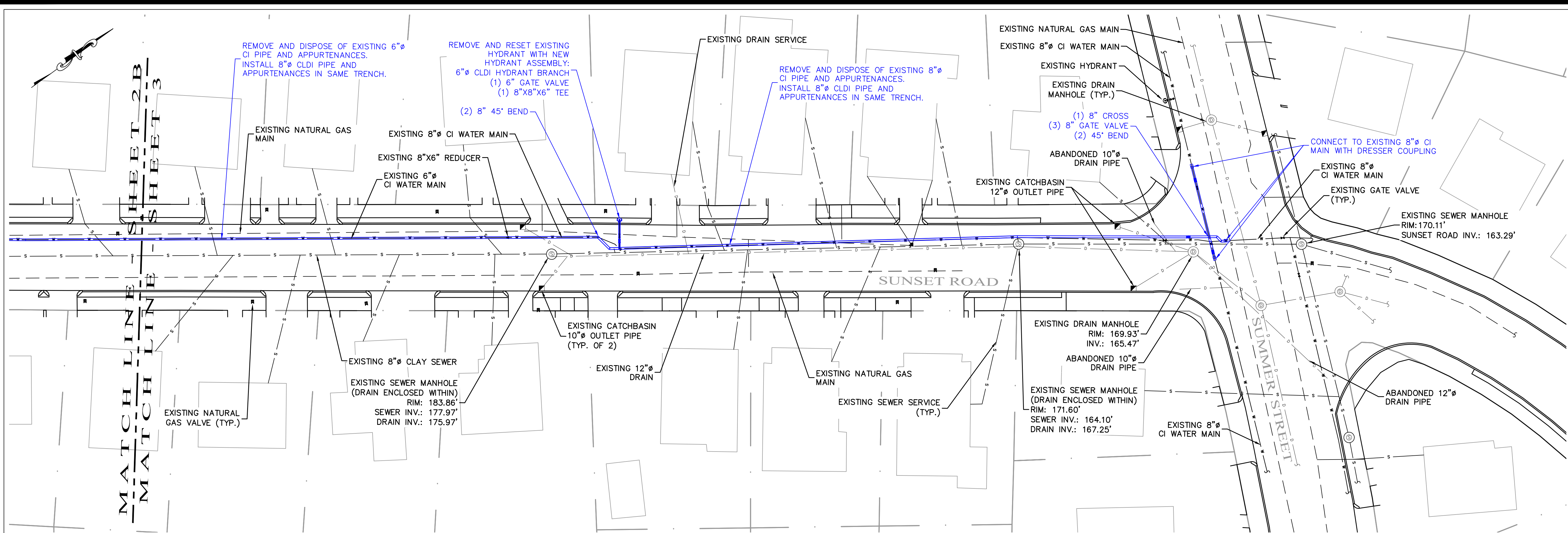
No.	Revision/Issue	Date

Town of
ARLINGTON
Engineering Division
51 Grove Street
Arlington, MA 02476

2018 WATER DISTRIBUTION SYSTEM IMPROVEMENTS

SUNSET ROAD

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Scale: 1" = 20'	
Date: JUNE 2018	



PLAN 3 - SUNSET ROAD

SCALE: 1"=20'

SHEET 2-B
 SHEET 3
 MATCH LINE
 MATCH LINE

NOTES

1. Segments of existing water main, sewer main, and drain main in Sunset Road are located within the same trench.
2. Sidewalks on Sunset Road are constructed of concrete.
3. Work hours on Summer Street will be limited from 9 AM to 3 PM unless otherwise approved by the Engineering Division and/or the Arlington Police Department.
4. Temporary bypass service may need to be extended to as many as three houses located on Summer Street between Sunset Road and Lennon Road, dependent upon the Contractor's staging and scheduling of work on the independent project streets. It is anticipated that up to 200-LF of temporary bypass main would be required to serve these buildings.

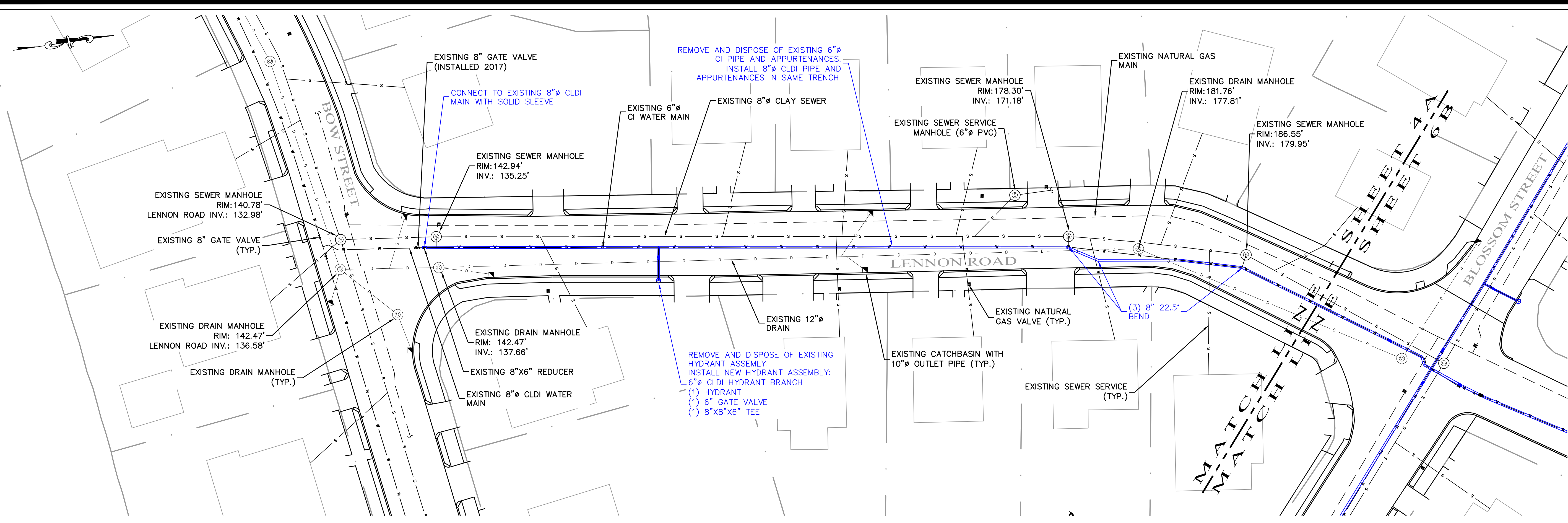
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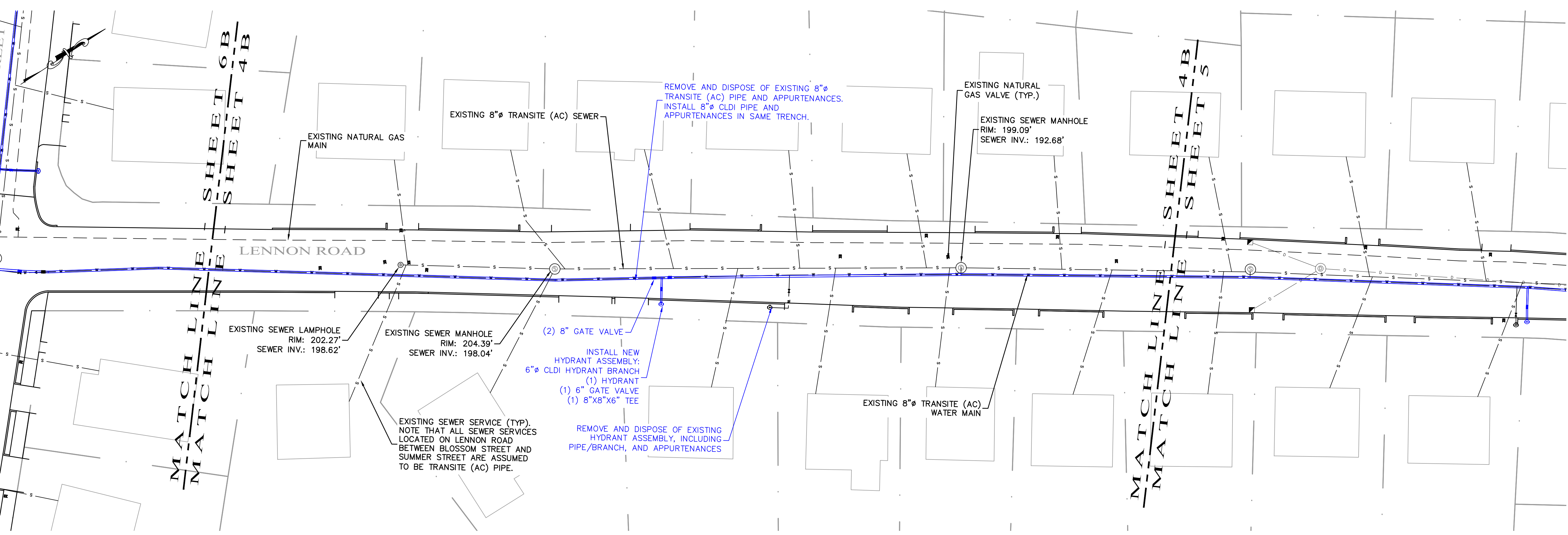
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SUNSET ROAD

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Scale:	1" = 20'		
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PLAN 4A - LENNON ROAD
SCALE: 1"=20'



PLAN 4B - LENNON ROAD
SCALE: 1"=20'

NOTES

1. Segments of existing water main, sewer main, and drain main in Lennon Road are located within the same trench.
2. Sidewalks on Lennon Road are constructed on concrete from Bow Street to Blossom Street. Lennon Road does not have sidewalks from Blossom Street to Summer Street.

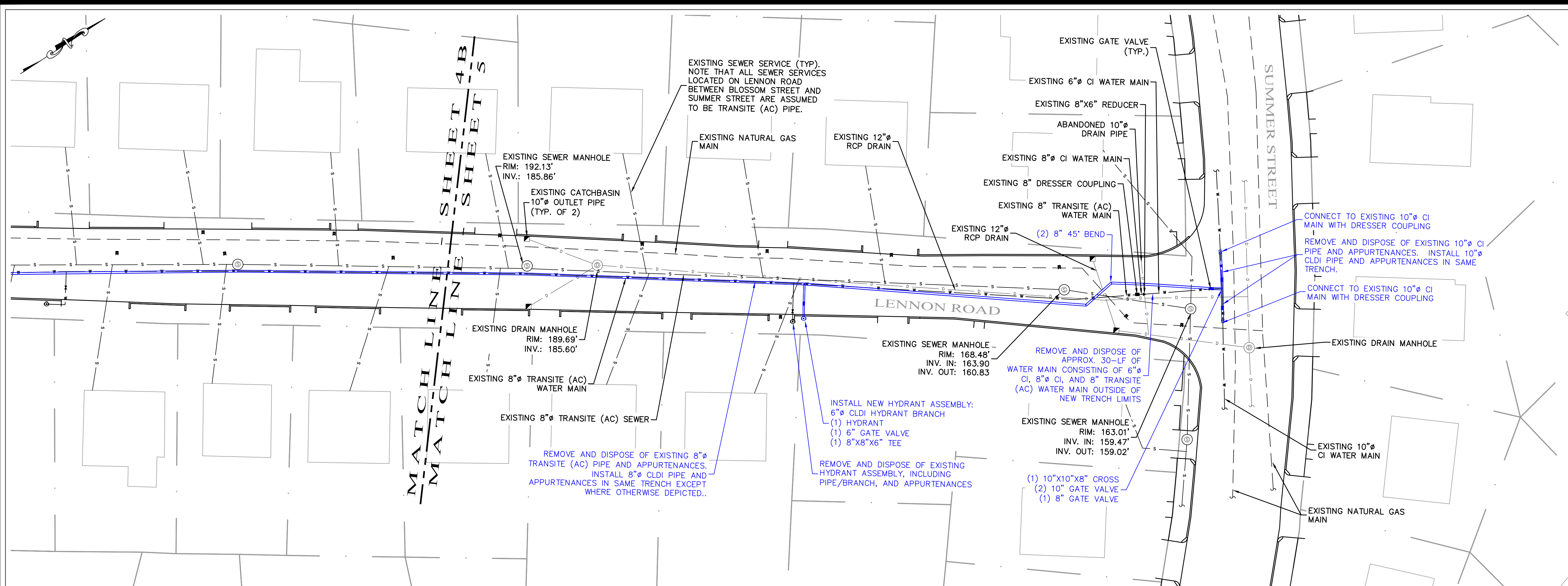
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LENNON ROAD

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PLAN 5 - LENNON ROAD
SCALE: 1"=20'

NOTES

1. Segments of existing water main, sewer main, and drain main in Lennon Road are located within the same trench.
2. Lennon Road does not have sidewalks from Blossom Street to Summer Street.
3. Work hours on Summer Street will be limited from 9 AM to 3 PM unless otherwise approved by the Engineering Division and/or the Arlington Police Department.

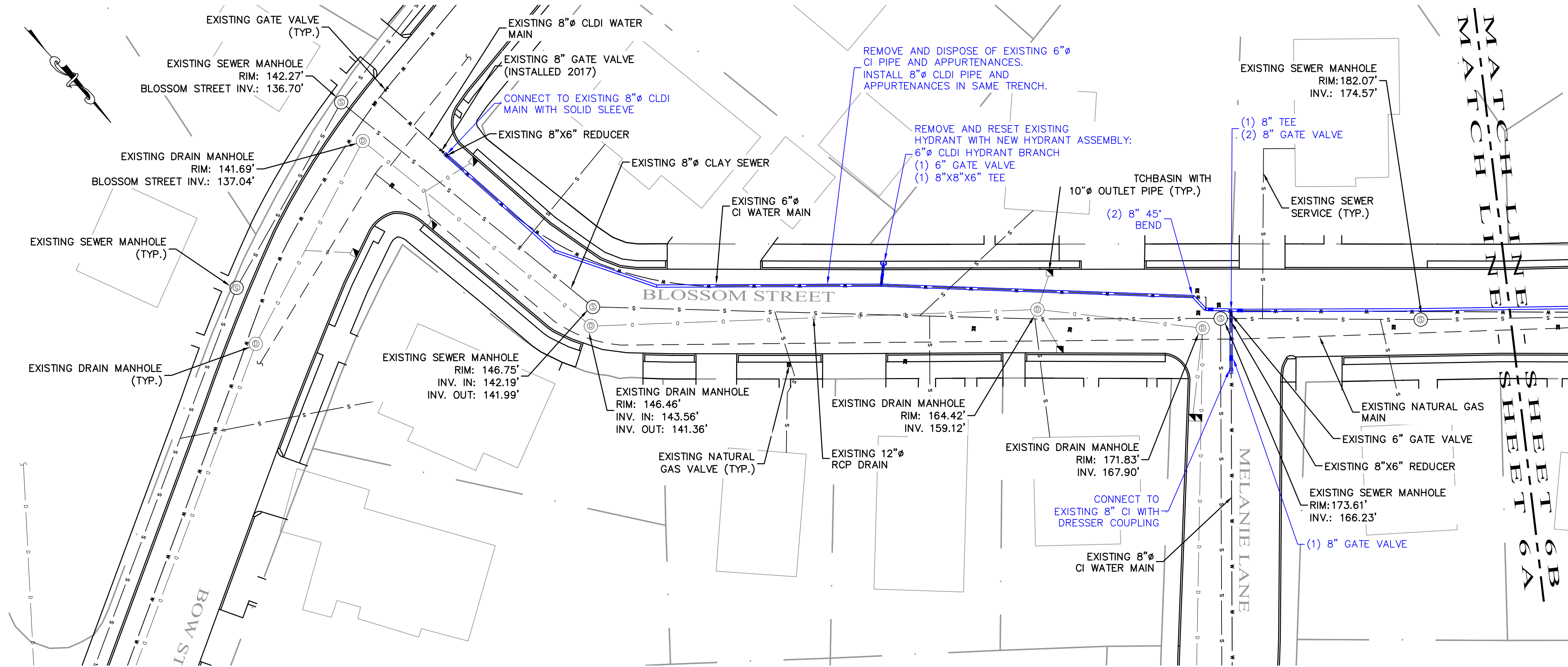
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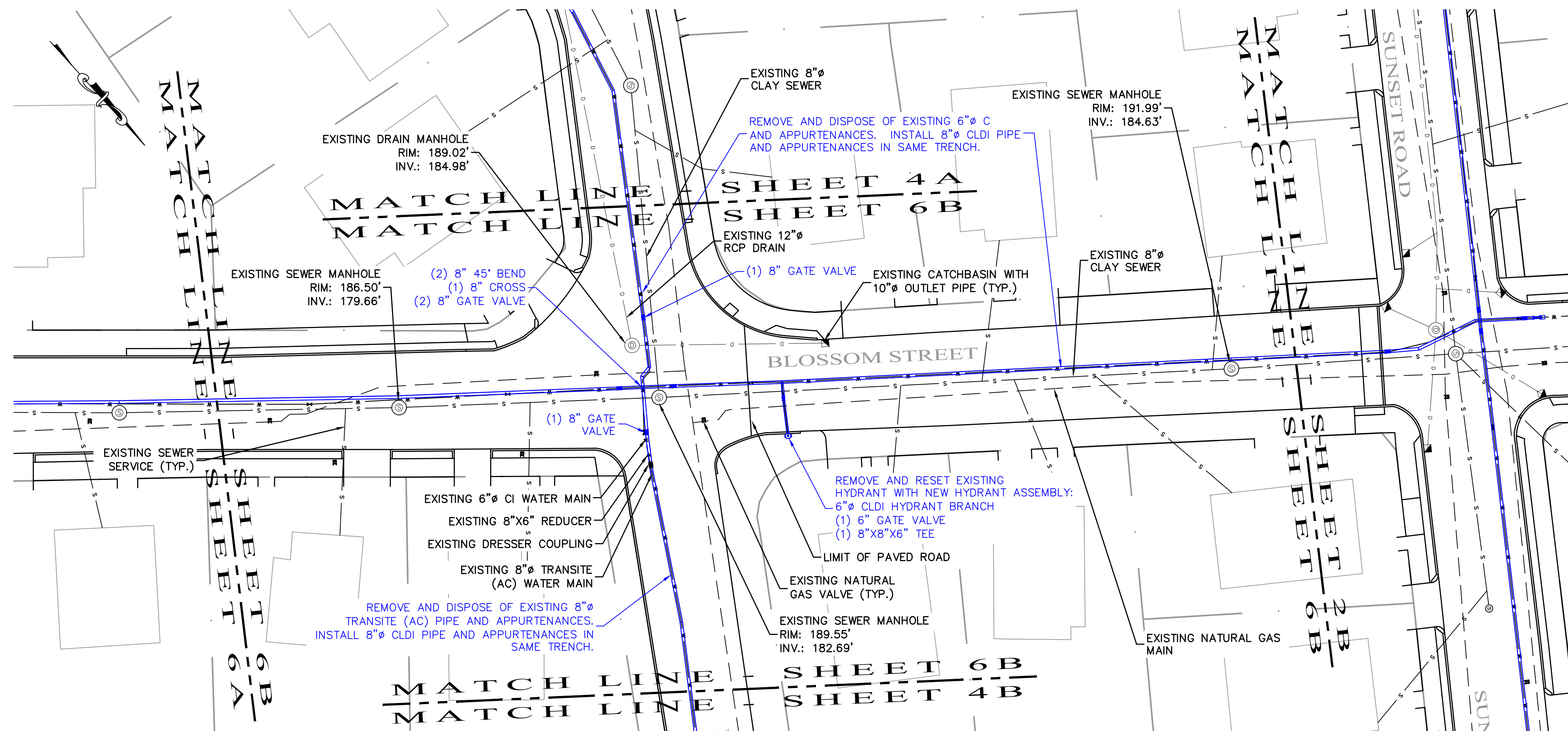
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LENNON ROAD

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PLAN 6A - BLOSSOM STREET
SCALE: 1"=20'



PLAN 6B - BLOSSOM STREET
SCALE: 1"=20'

NOTES

1. Segments of existing water main and sewer main in Blossom Street are located within the same trench.
2. Sidewalks on Blossom Street are constructed of asphalt from Bow Street to Lennon Road. Blossom Street does not have sidewalks from Lennon Road to Sunset Road.
3. Blossom Street has a gravel roadway surface between Sunset Road and Lennon Road.

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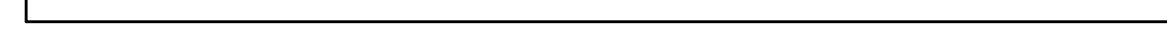
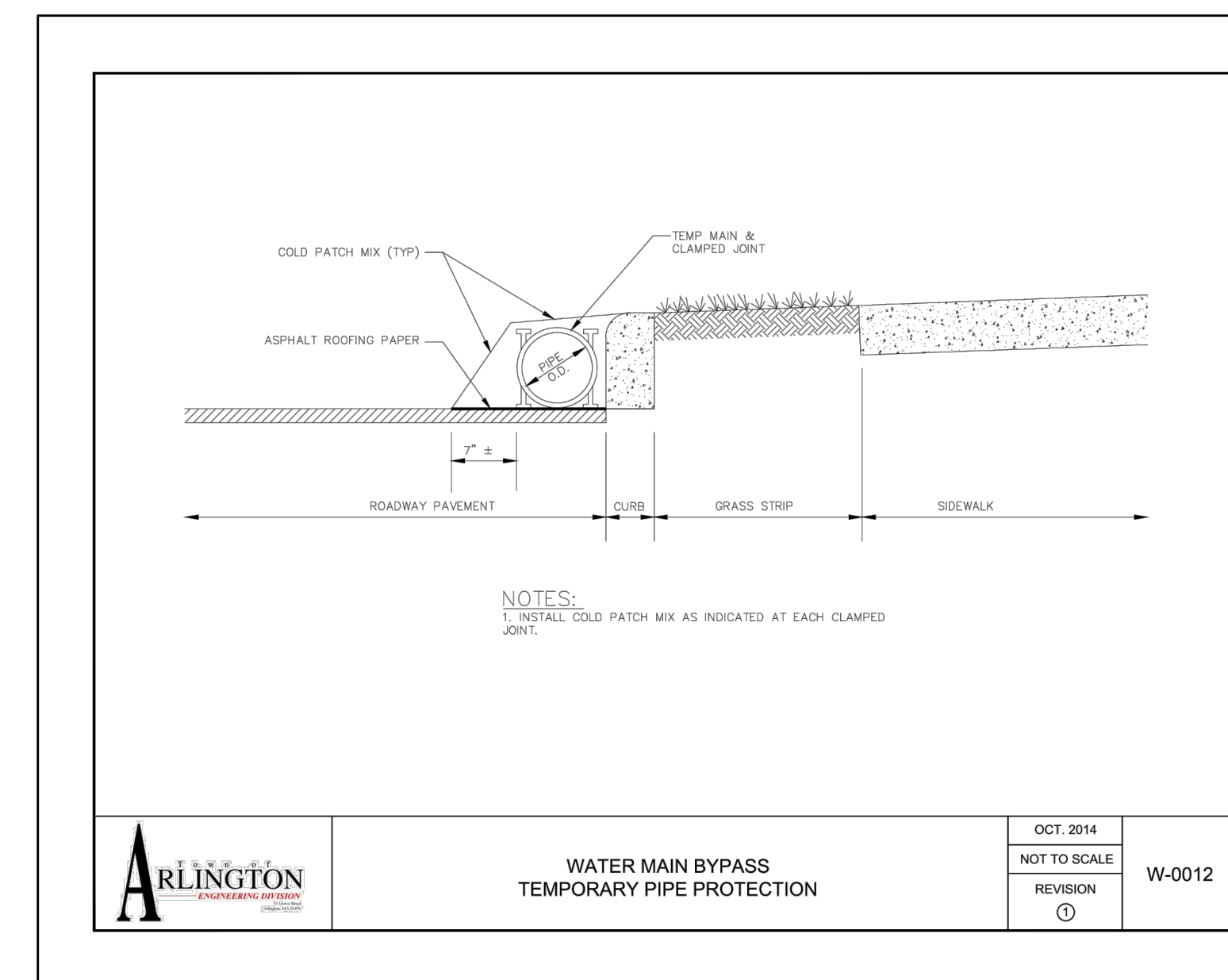
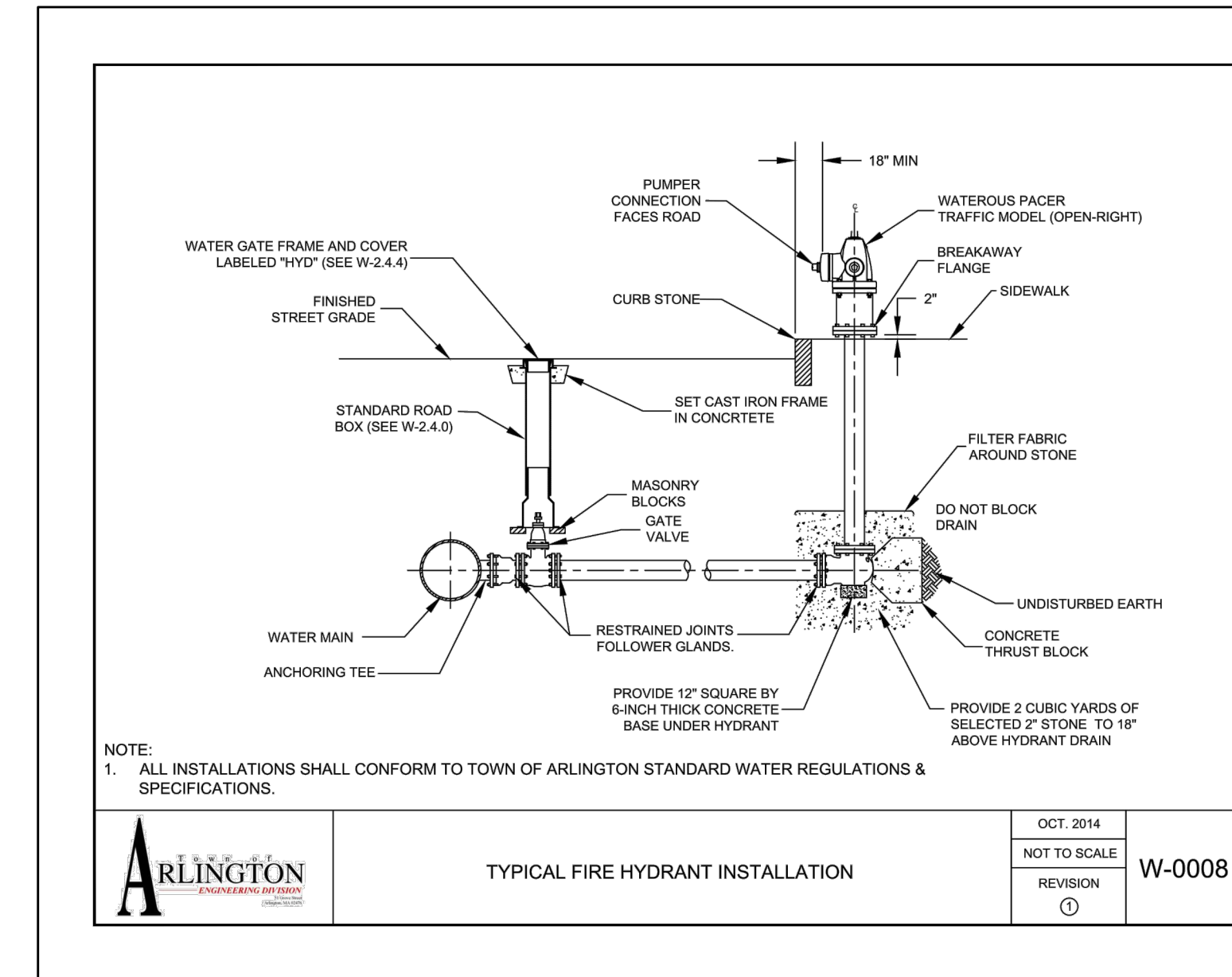
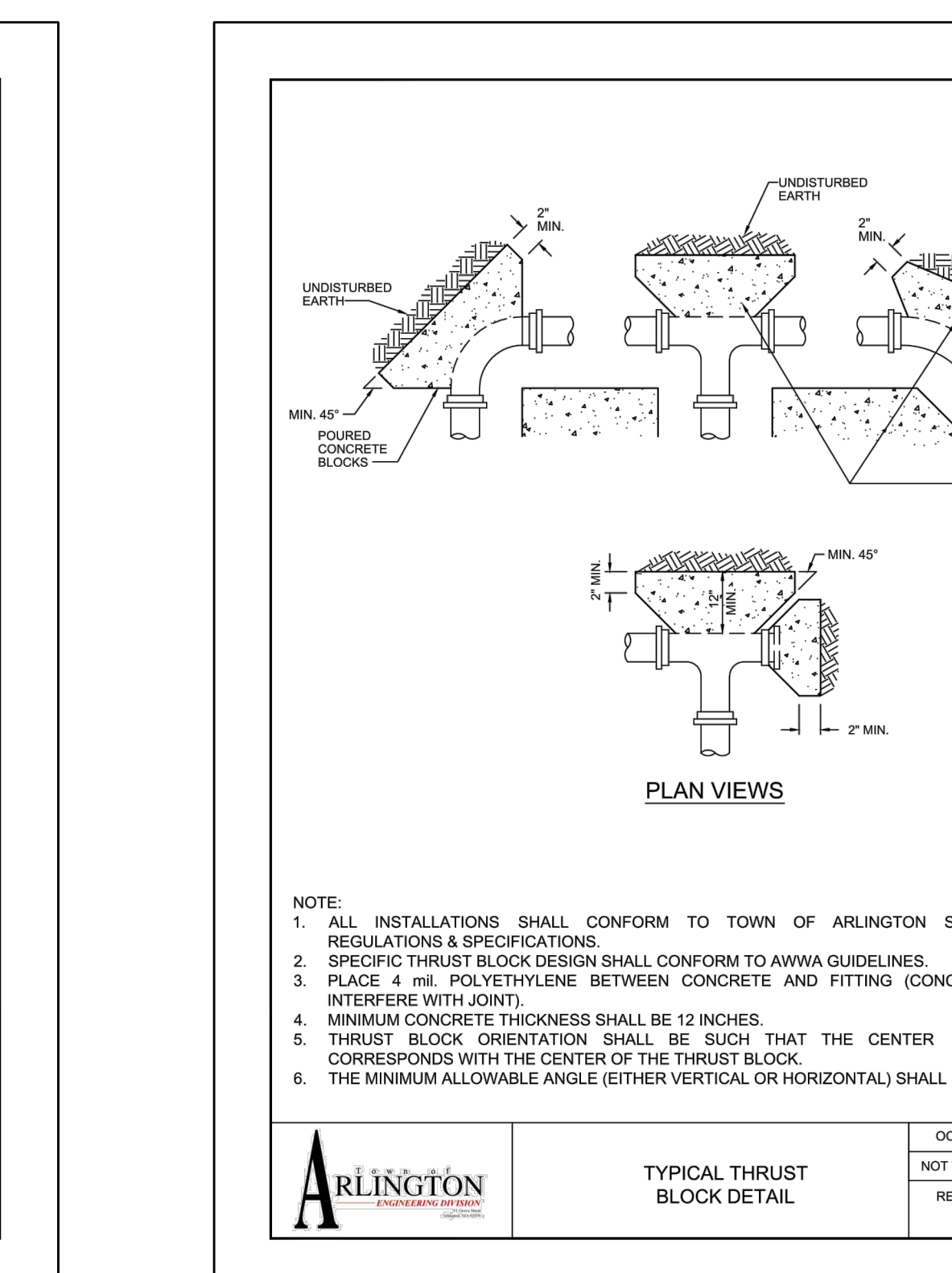
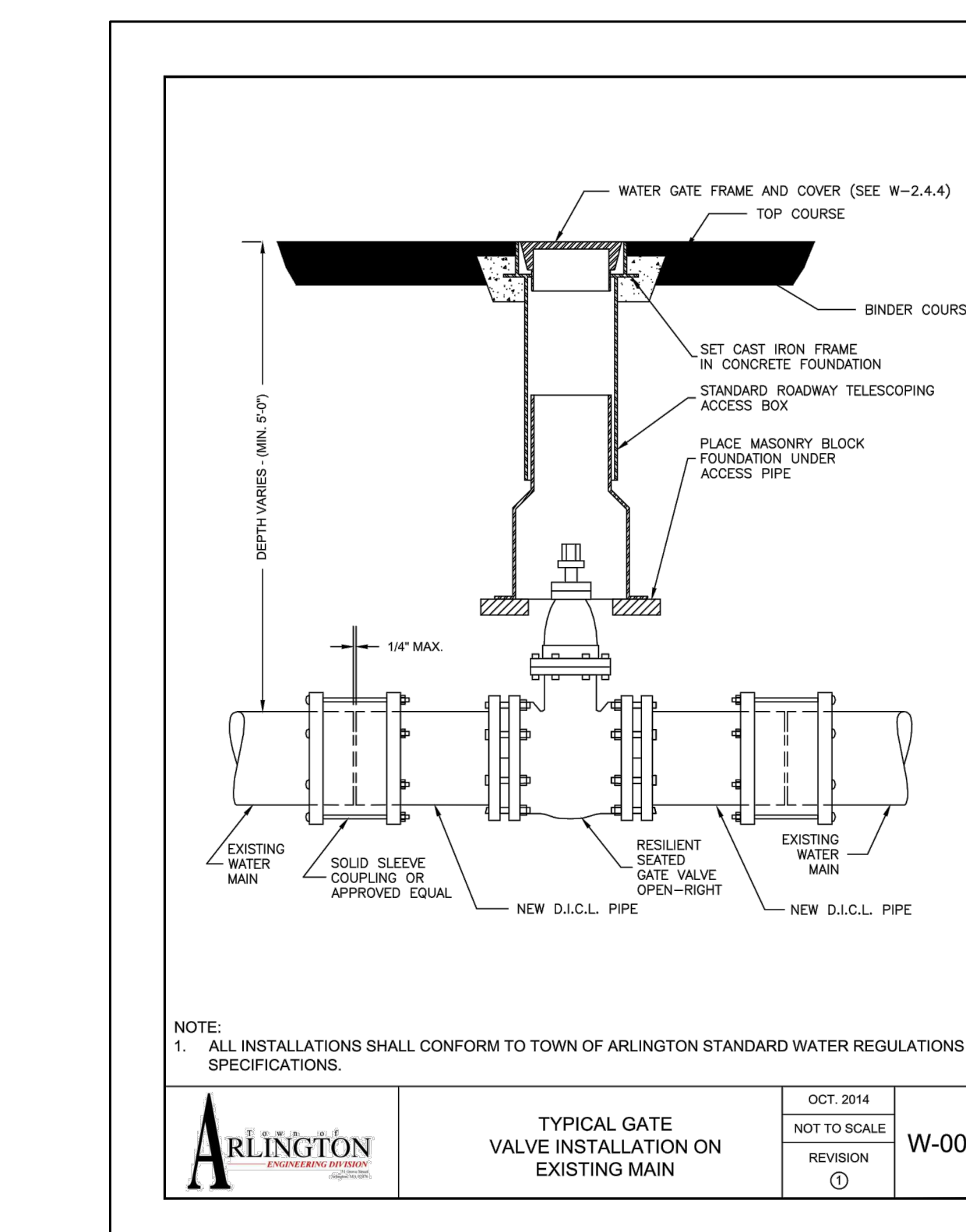
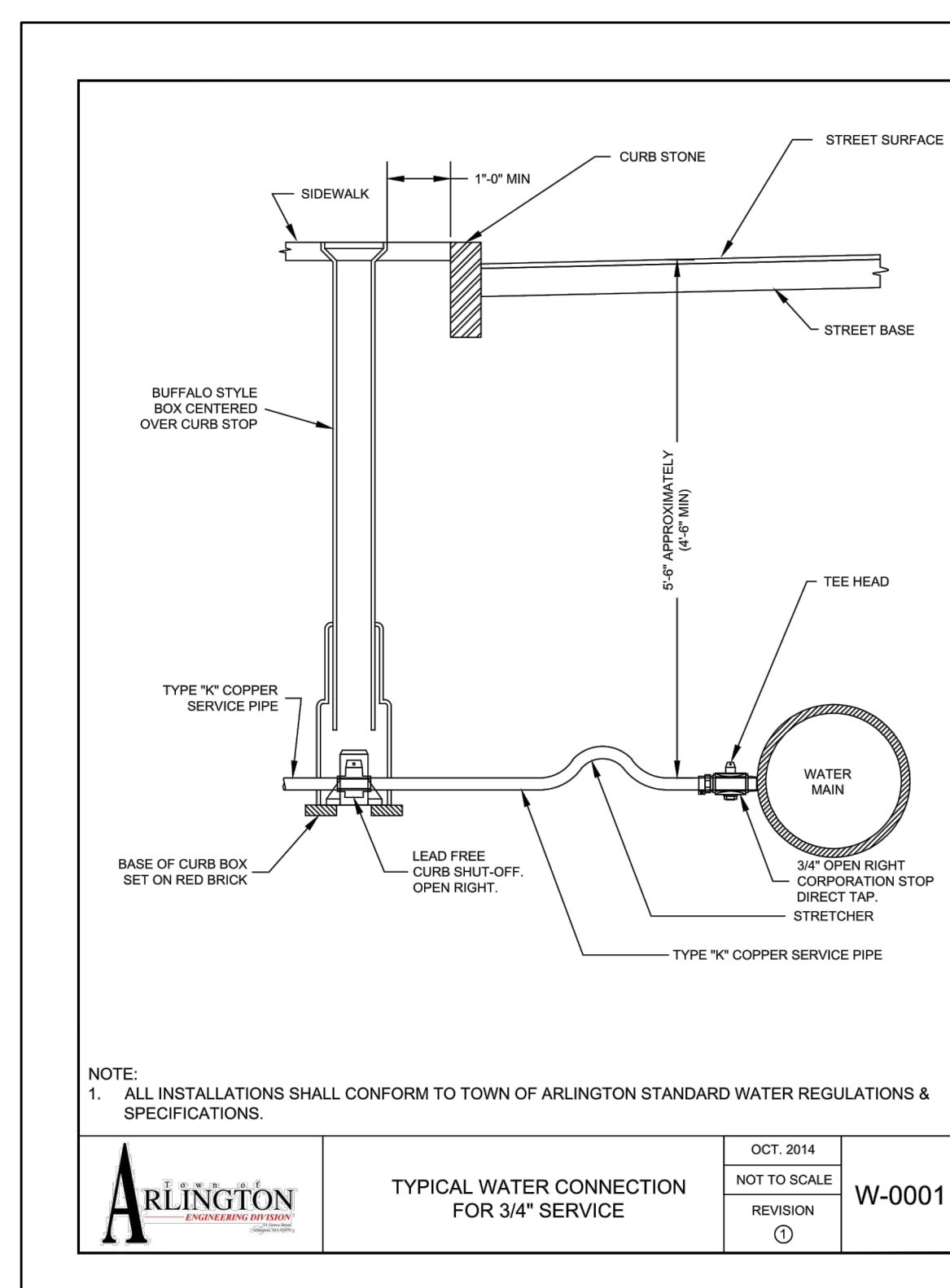
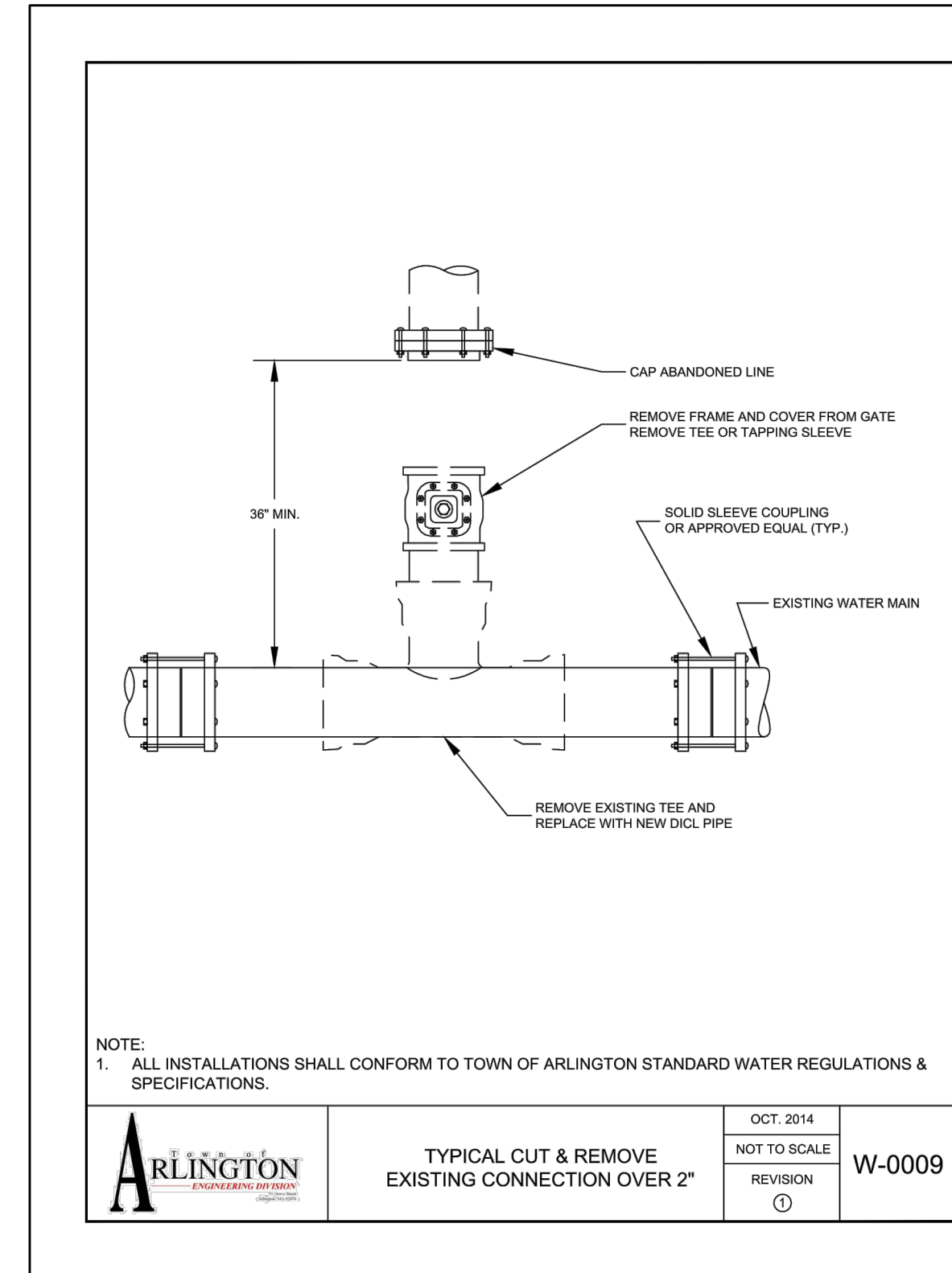
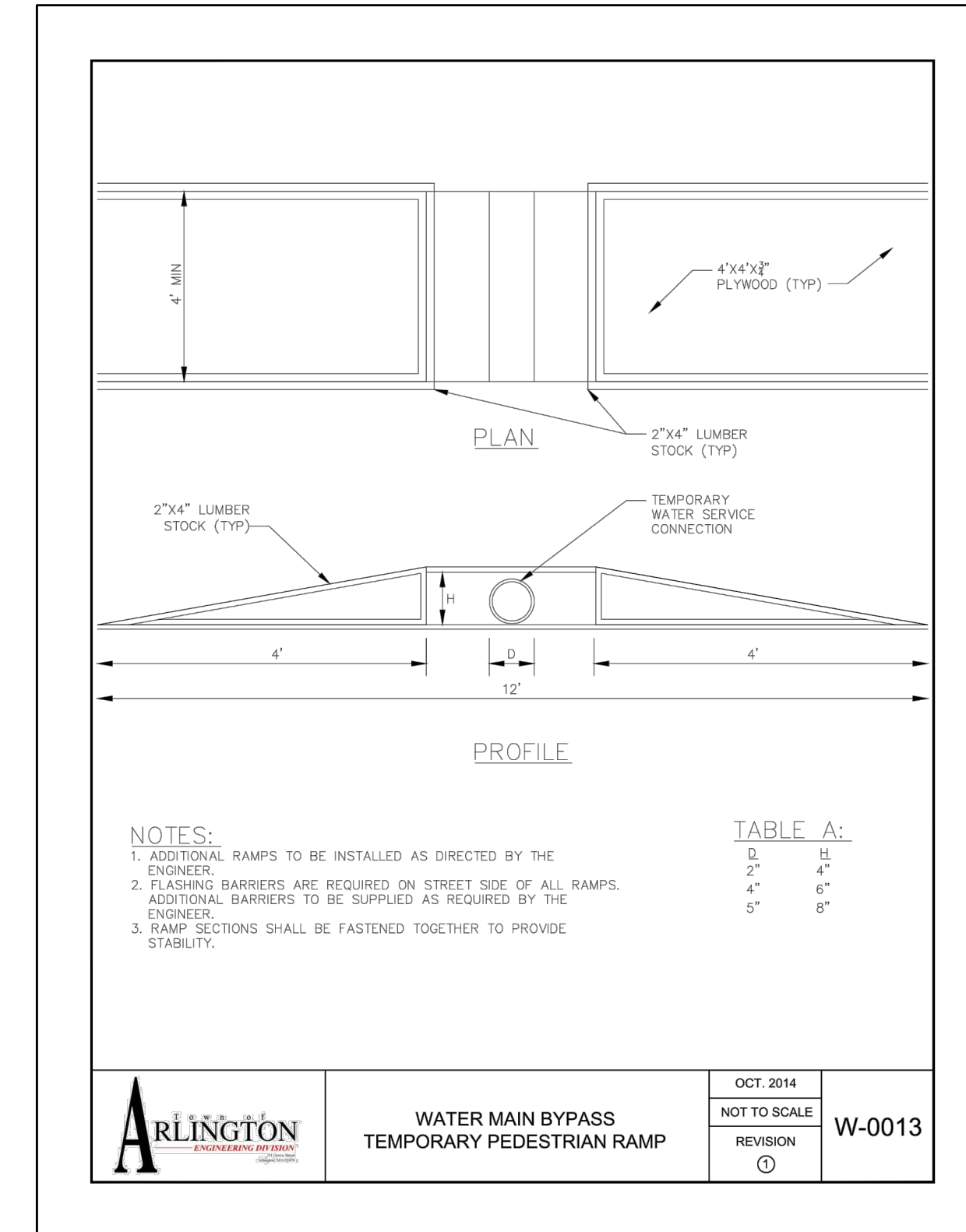
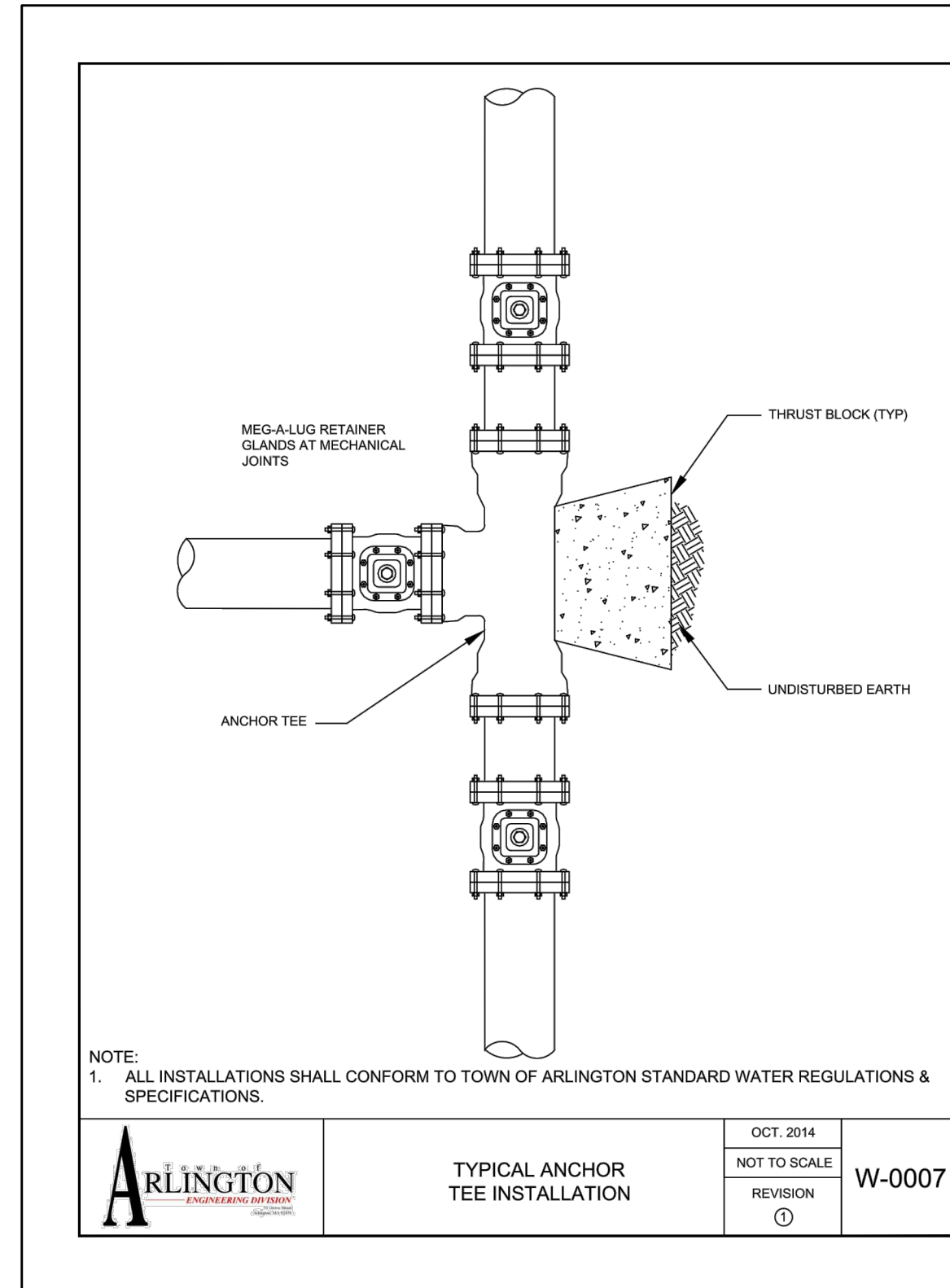
2018 WATER DISTRIBUTION SYSTEM IMPROVEMENTS

BLOSSOM STREET

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Scale: 1" = 20'	
Date: JUNE 2018	

GENERAL NOTES:

- PLANS WERE DEVELOPED USING AVAILABLE AERIAL IMAGERY, EXISTING PLANS, AND ON-SITE OBSERVATIONS. A SURVEY OF THE PROJECT AREA WAS NOT CONDUCTED. THE LOCATIONS OF THE FEATURES SHOWN ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATIONS OF ANY EXISTING UTILITIES AND/OR FEATURES NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE TOWN OF ARLINGTON ENGINEERING DIVISION AND/OR THE WATER AND SEWER DIVISION OF ALL DISCREPANCIES IDENTIFIED IN THE FIELD.
- ALL ON-SITE DRAINAGE CATCH BASINS SHALL BE EQUIPPED WITH AN INLET PROTECTION DEVICE DURING ALL CONSTRUCTION ACTIVITIES. ANY SEDIMENT THAT ENTERS THE TOWN'S STORMWATER SYSTEM AS A RESULT OF THIS WORK SHALL BE REMOVED BY THE CONTRACTOR AT THEIR EXPENSE.
- STREETS SHALL BE SWEEPED AND CLEANED OF SEDIMENT AND DEBRIS AT THE END OF EACH WORK DAY.
- ANY AREA DISTURBED BY THE CONTRACTOR OUTSIDE THE LIMITS OF WORK SHALL BE RESTORED TO ORIGINAL CONDITION AT NOT COST TO THE OWNER.
- THE CONTRACTOR MUST NOTIFY ALL UTILITIES PRIOR TO PERFORMING ANY EXCAVATION WORK. THE TOWN OF ARLINGTON IS NOT A MEMBER OF "DIG-SAFE" AND MUST BE NOTIFIED DIRECTLY AT LEAST 72-HOURS PRIOR TO ANY EXCAVATION AT 781-316-3310 OR 781-316-3301.
- THE LOCATION, NUMBER, AND TYPE OF PROPOSED FITTINGS SHOWN ON THESE PLANS ARE INTENDED FOR ILLUSTRATIVE PURPOSES ONLY. FIELD CONDITIONS WILL DICTATE THE LOCATION, NUMBER, AND TYPE OF FITTINGS REQUIRED. ALL INSTALLATION SHALL BE TO THE FULL SATISFACTION OF THE TOWN OF ARLINGTON.
- THE CONTRACTOR SHALL ANTICIPATE THAT TRENCH ROCK/LEDGE WILL BE PRESENT BELOW AND TO THE SIDES OF THE EXISTING WATER MAIN TRENCHES. ADDITIONAL TRENCH ROCK/LEDGE SHALL BE REMOVED TO THE EXTENTS APPROVED BY THE ENGINEERING DIVISION TO PROVIDE PROPER BURY DEPTH OF THE PROPOSED CUI WATER MAIN. CARE SHALL BE TAKEN NOT TO DISRUPT NEARBY UTILITIES DURING THE REMOVAL OF TRENCH ROCK/LEDGE.
- THE CONTRACTOR SHALL ASSUME THAT THE EXISTING WATER, SEWER, AND NATURAL GAS HOUSE SERVICES ARE LOCATED WITHIN THE SAME TRENCH. THE CONTRACTOR SHALL ASSUME THAT ALL SEWER SERVICE LATERALS ARE 4-6" CLAY PIPE UNLESS OTHERWISE NOTED ON THE PLANS.
- THE LOCATION OF THE PROPOSED WATER SERVICE LATERALS ARE NOT SHOWN ON THESE PLANS. THE LOCATION OF THE NEW 3/4" COPPER SERVICE LATERALS SHALL BE FIELD DETERMINED AND LAID OUT TO THE SATISFACTION AND APPROVAL OF THE TOWN OF ARLINGTON.
- TRENCHES SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED IN LAYERS NOT OVER 6" DEEP USING MECHANICAL COMPACTORS OR JET-RODDING. BACKFILL MATERIALS SHALL BE COMPACTED TO A 95% MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO STANDARD TEST T99 METHOD C.



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GENERAL NOTES AND STANDARD CONSTRUCTION DETAILS

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Scale: N.T.S.
Date: JUNE 2018