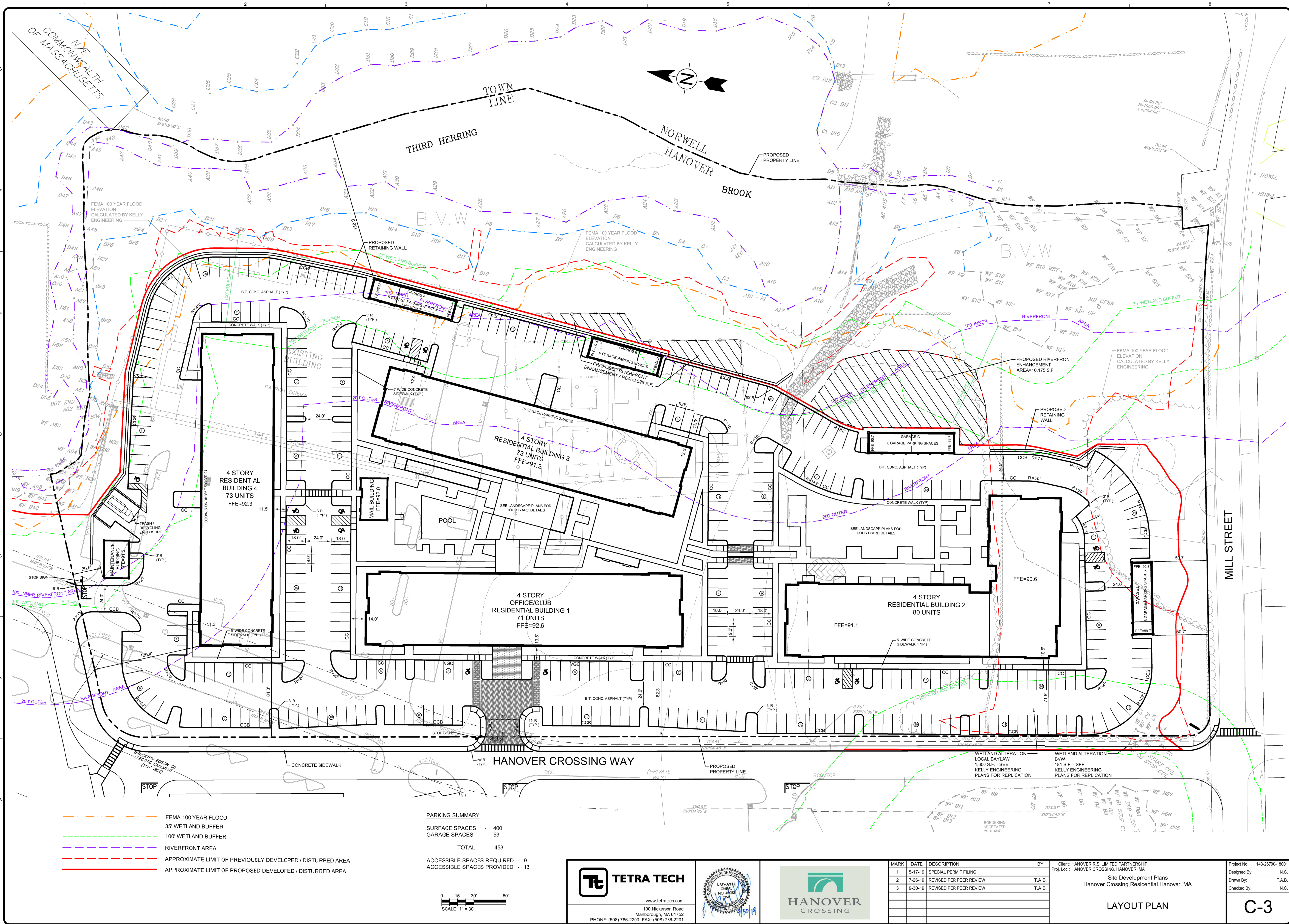
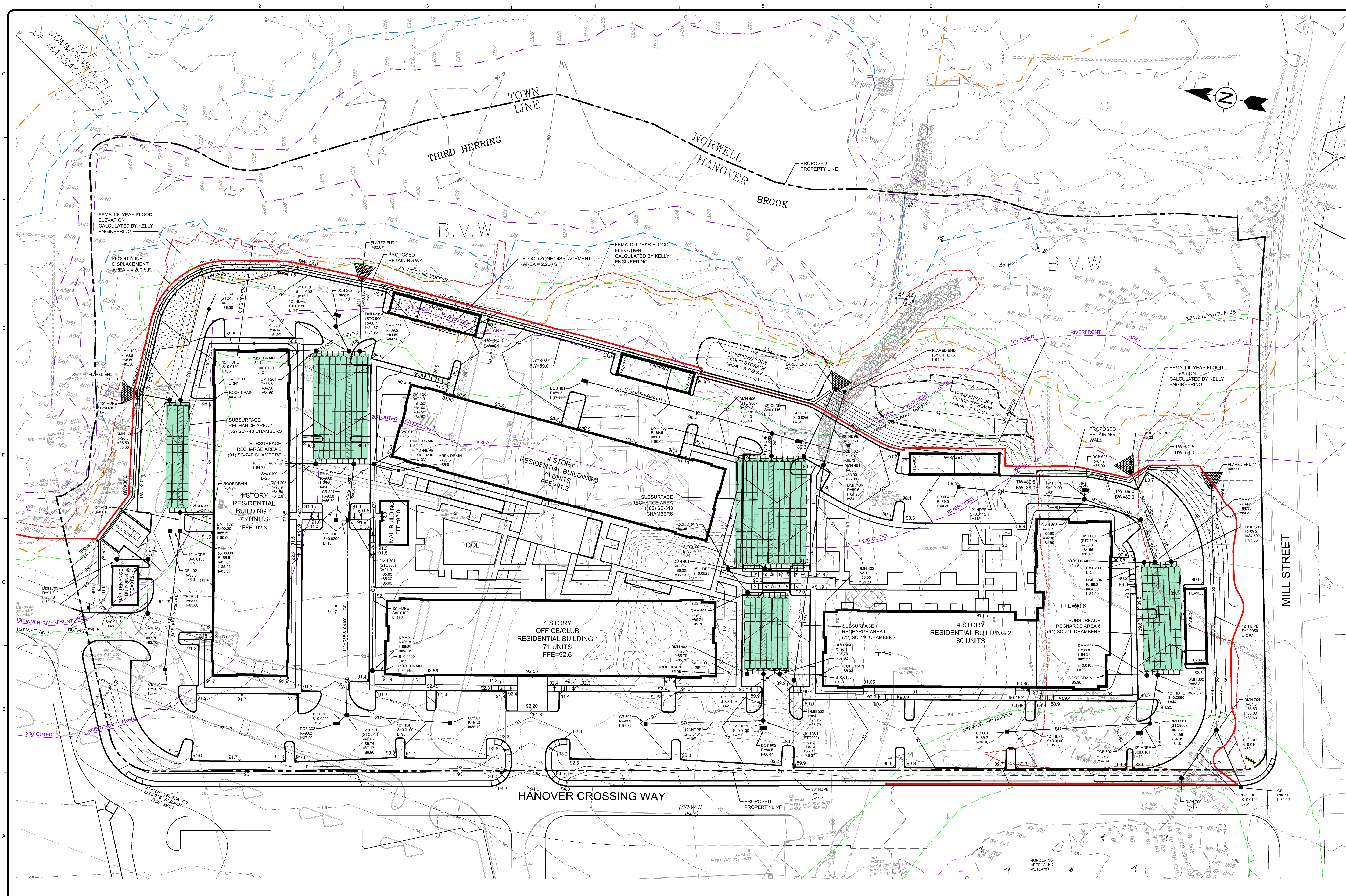
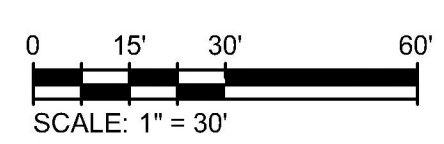


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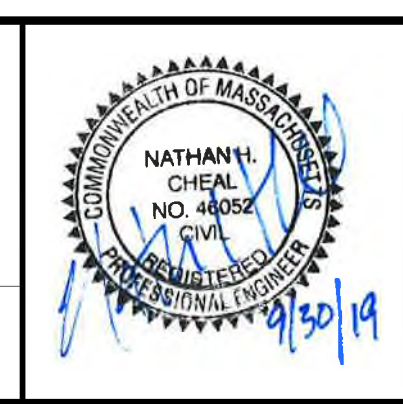




- FEMA 100 YEAR FLOOD
- 35' WETLAND BUFFER
- 100' WETLAND BUFFER
- RIVERFRONT AREA
- APPROXIMATE LIMIT OF PREVIOUSLY DEVELOPED / DISTURBED AREA
- APPROXIMATE LIMIT OF PROPOSED DEVELOPED / DISTURBED AREA



TETRA TECH
www.tetratech.com
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Marlborough, MA 01752
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MARK	DATE	DESCRIPTION	BY
1	5-17-19	SPECIAL PERMIT FILING	
2	7-26-19	REVISED PER PEER REVIEW	T.A.B.
3	9-30-19	REVISED PER PEER REVIEW	T.A.B.

Client: HANOVER R.S. LIMITED PARTNERSHIP
Proj. Loc: HANOVER CROSSING, HANOVER, MA

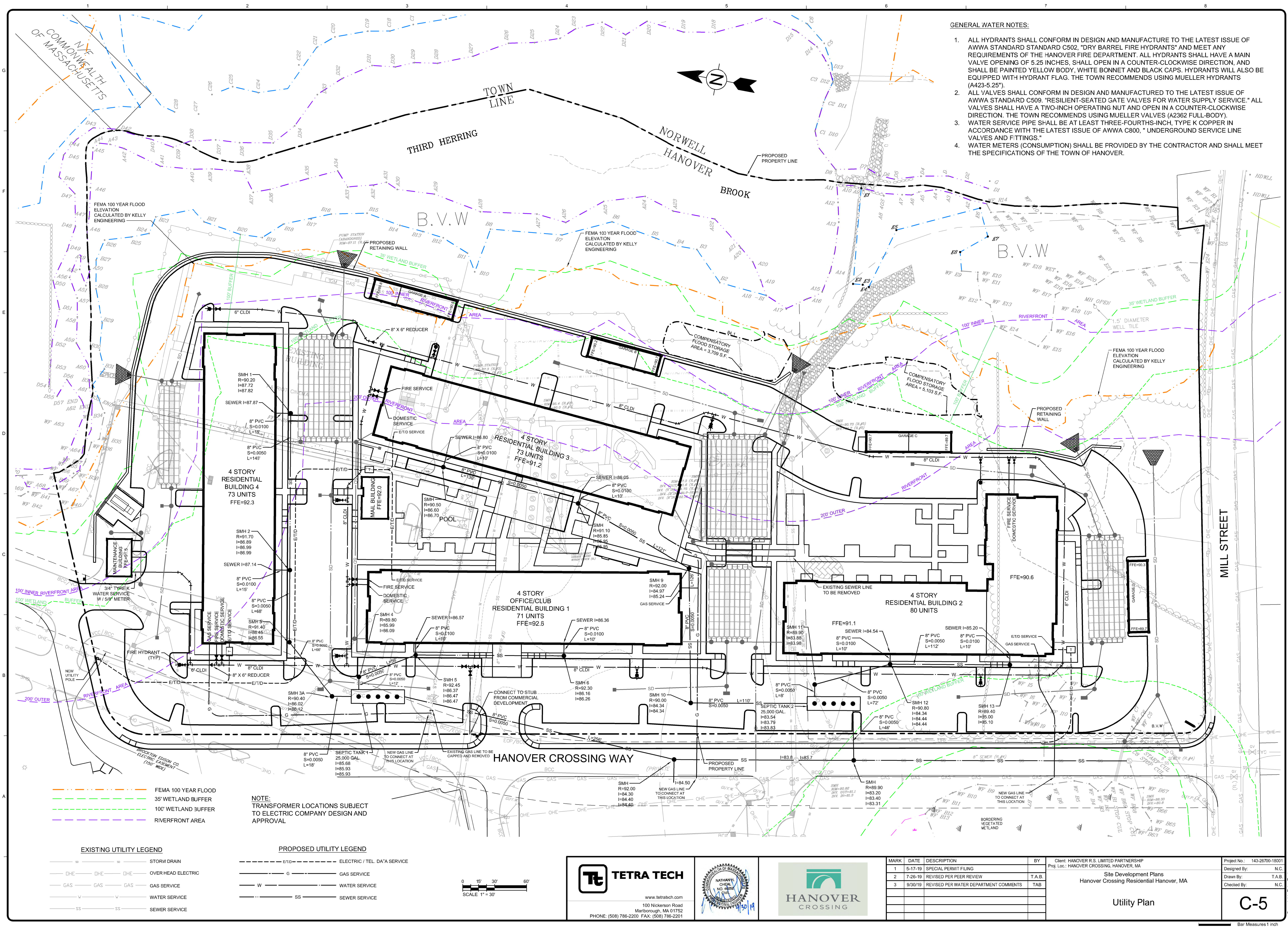
Site Development Plans
Hanover Crossing Residential Hanover, MA

Grading and Drainage Plan

Project No: 143-26700-18001
Designed By: N.C.
Drawn By: T.A.B.
Checked By: N.C.

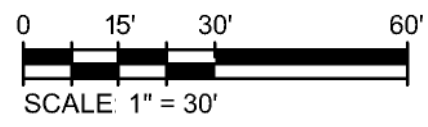
C-4

Bar Measures 1 inch



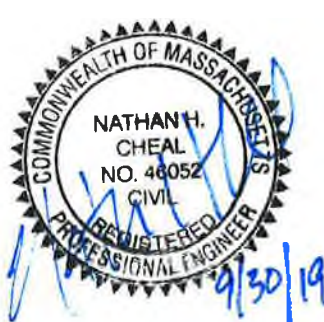
- GENERAL WATER NOTES:
1. ALL HYDRANTS SHALL CONFORM IN DESIGN AND MANUFACTURE TO THE LATEST ISSUE OF AWWA STANDARD STANDARD C502, "DRY BARREL FIRE HYDRANTS" AND MEET ANY REQUIREMENTS OF THE HANOVER FIRE DEPARTMENT. ALL HYDRANTS SHALL HAVE A MAIN VALVE OPENING OF 5.25 INCHES, SHALL OPEN IN A COUNTER-CLOCKWISE DIRECTION, AND SHALL BE PAINTED YELLOW BODY, WHITE BONNET AND BLACK CAPS. HYDRANTS WILL ALSO BE EQUIPPED WITH HYDRANT FLAG. THE TOWN RECOMMENDS USING MUELLER HYDRANTS (A423-5.25").
 2. ALL VALVES SHALL CONFORM IN DESIGN AND MANUFACTURE TO THE LATEST ISSUE OF AWWA STANDARD C509, "RESILIENT-SEATED GATE VALVES FOR WATER SUPPLY SERVICE." ALL VALVES SHALL HAVE A TWO-INCH OPERATING NUT AND OPEN IN A COUNTER-CLOCKWISE DIRECTION. THE TOWN RECOMMENDS USING MUELLER VALVES (A2362 FULL-BODY).
 3. WATER SERVICE PIPE SHALL BE AT LEAST THREE-FOURTHS-INCH, TYPE K COPPER IN ACCORDANCE WITH THE LATEST ISSUE OF AWWA C800, "UNDERGROUND SERVICE LINE VALVES AND FITTINGS."
 4. WATER METERS (CONSUMPTION) SHALL BE PROVIDED BY THE CONTRACTOR AND SHALL MEET THE SPECIFICATIONS OF THE TOWN OF HANOVER.

EXISTING UTILITY LEGEND		PROPOSED UTILITY LEGEND	
	STORM DRAIN		ELECTRIC / TEL. DATA SERVICE
	OVER HEAD ELECTRIC		GAS SERVICE
	GAS SERVICE		WATER SERVICE
	WATER SERVICE		SEWER SERVICE
	SEWER SERVICE		



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1	5-17-19	SPECIAL PERMIT FILING	N.C.
2	7-26-19	REVISED PER PEER REVIEW	T.A.B.
3	9/30/19	REVISED PER WATER DEPARTMENT COMMENTS	TAB

Client: HANOVER R.S. LIMITED PARTNERSHIP
Proj. Loc: HANOVER CROSSING, HANOVER, MA

Site Development Plans
Hanover Crossing Residential Hanover, MA

Utility Plan

Project No: 143-26700-18001
Designed By: N.C.
Drawn By: T.A.B.
Checked By: N.C.

C-5
Bar Measures 1 inch