

## Appendix G -

PCSWMM Modeling Results (per Area of Interest)

### **Mitigation Scenario #1**

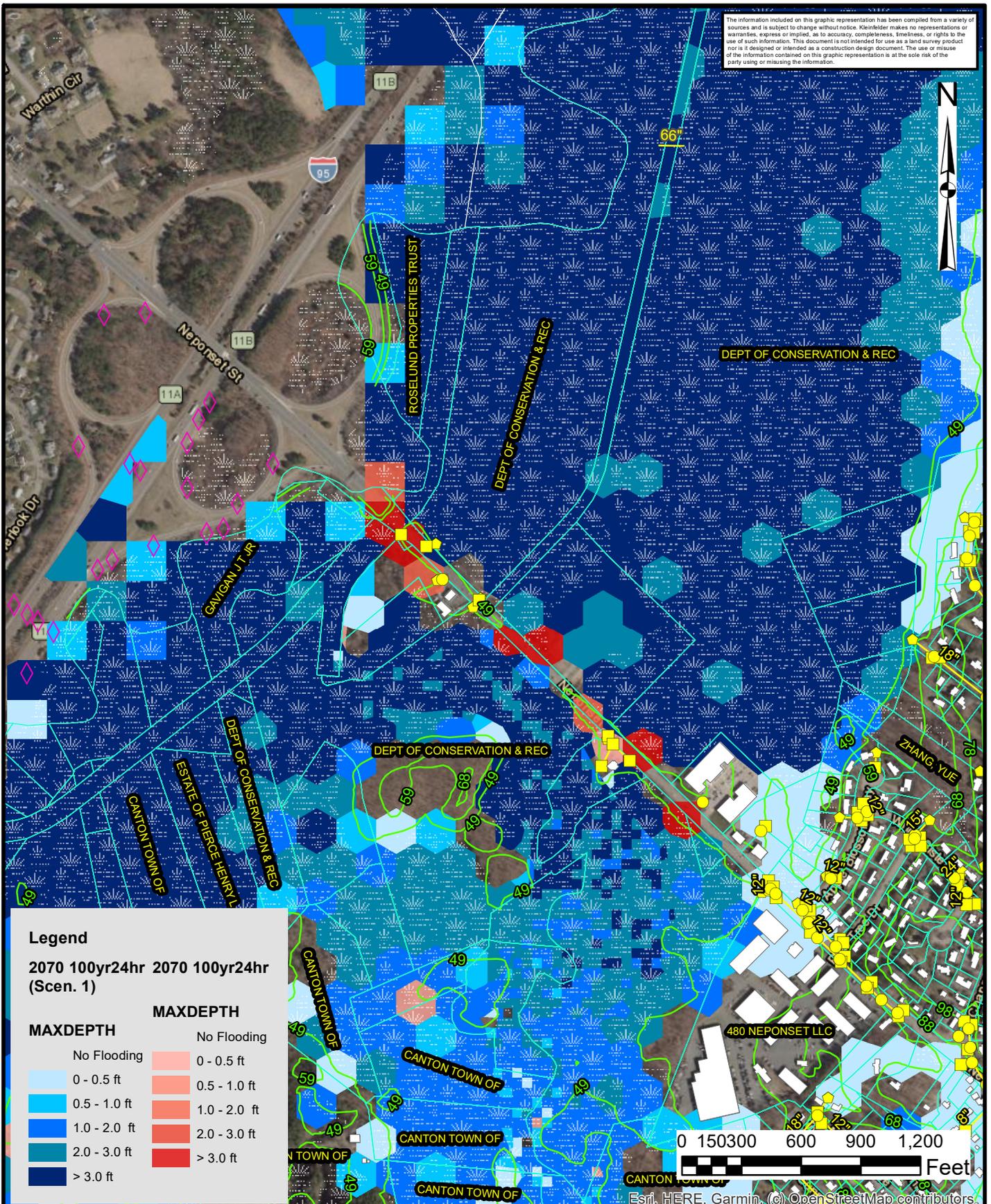
Mitigation Scenario #1

Flood Extents & Depth after mitigation strategies  
for 2070 100-year, 24 hour event (Blue)

vs.

Flood Extents & Depth (Red) without mitigation  
for 2070 100-year, 24 hour event

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Legend	
2070 100yr24hr (Scen. 1)	
MAXDEPTH	MAXDEPTH
No Flooding	No Flooding
0 - 0.5 ft	0 - 0.5 ft
0.5 - 1.0 ft	0.5 - 1.0 ft
1.0 - 2.0 ft	1.0 - 2.0 ft
2.0 - 3.0 ft	2.0 - 3.0 ft
> 3.0 ft	> 3.0 ft



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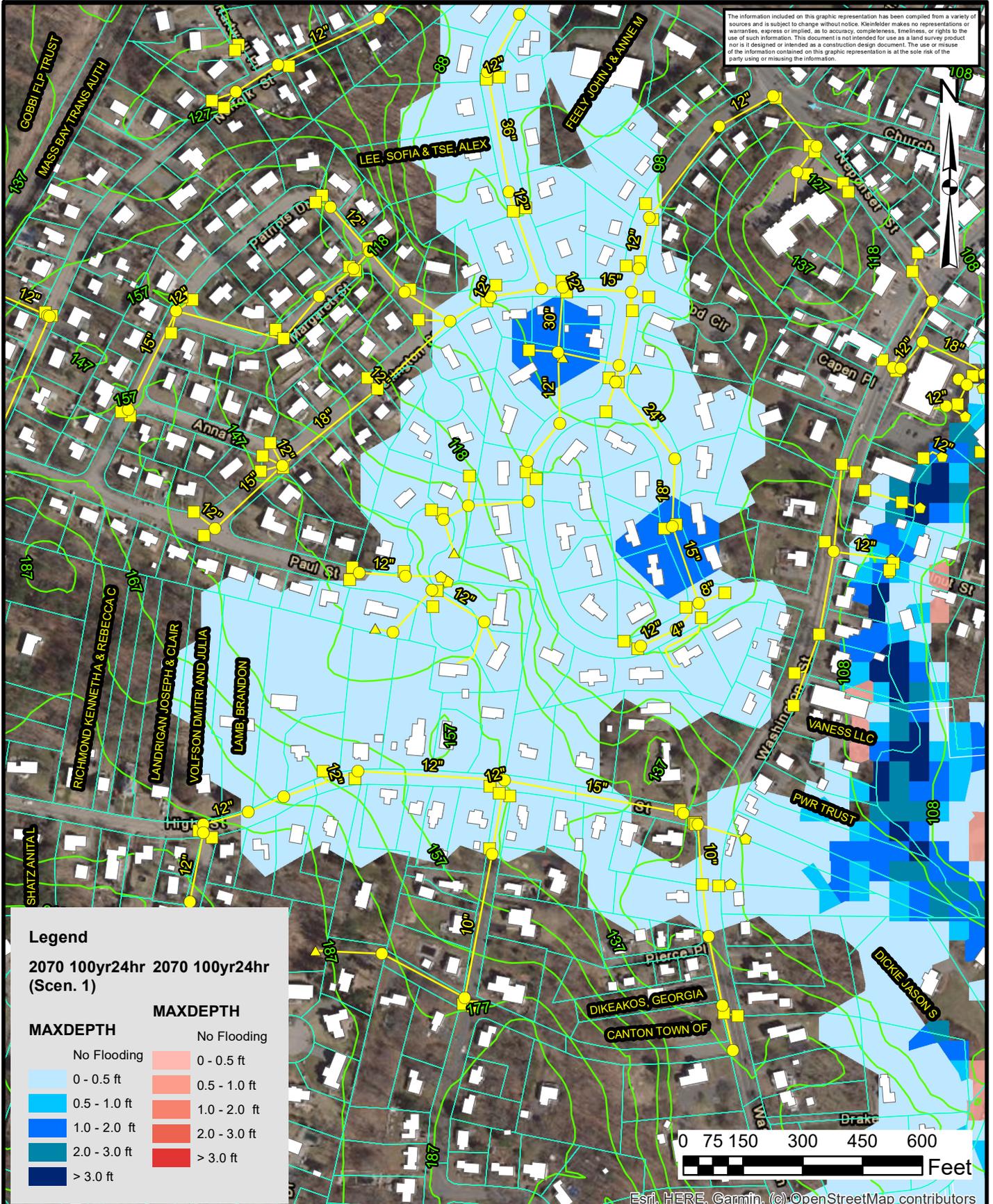
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CREATED:	6/17/2021
CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	Field Maps_KLF_revJune2021.mxd

**Neponset St.  
at Neponset River (zoomed out)**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**1**

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**Legend**

2070 100yr24hr 2070 100yr24hr  
(Scen. 1)

MAXDEPTH	
No Flooding	No Flooding
0 - 0.5 ft	0 - 0.5 ft
0.5 - 1.0 ft	0.5 - 1.0 ft
1.0 - 2.0 ft	1.0 - 2.0 ft
2.0 - 3.0 ft	2.0 - 3.0 ft
> 3.0 ft	> 3.0 ft

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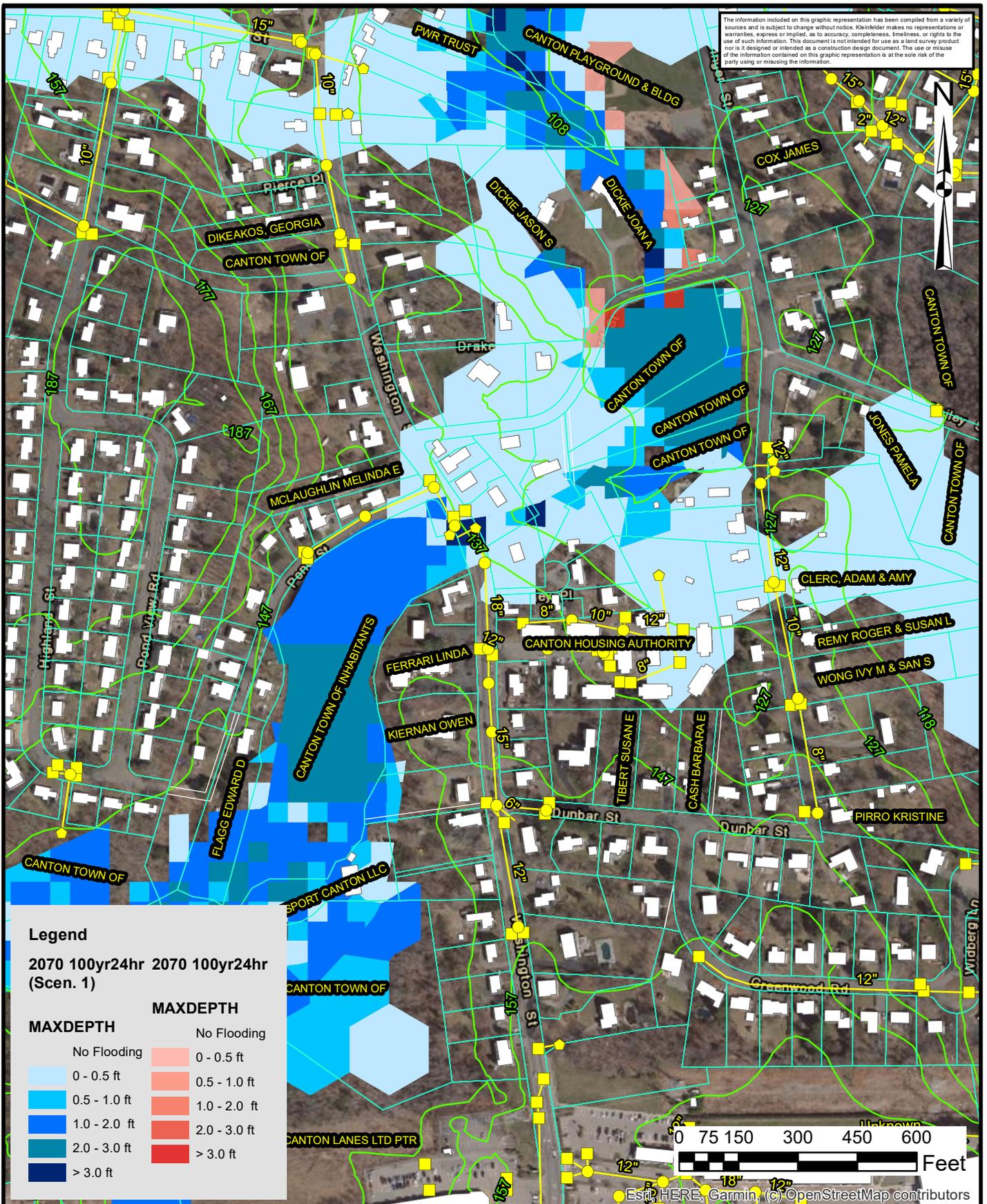
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CREATED BY:	LHowe
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FILE NAME:	Field Maps_KLF_revJune2021.mxd

**Washington St.  
& High St.**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**2a**

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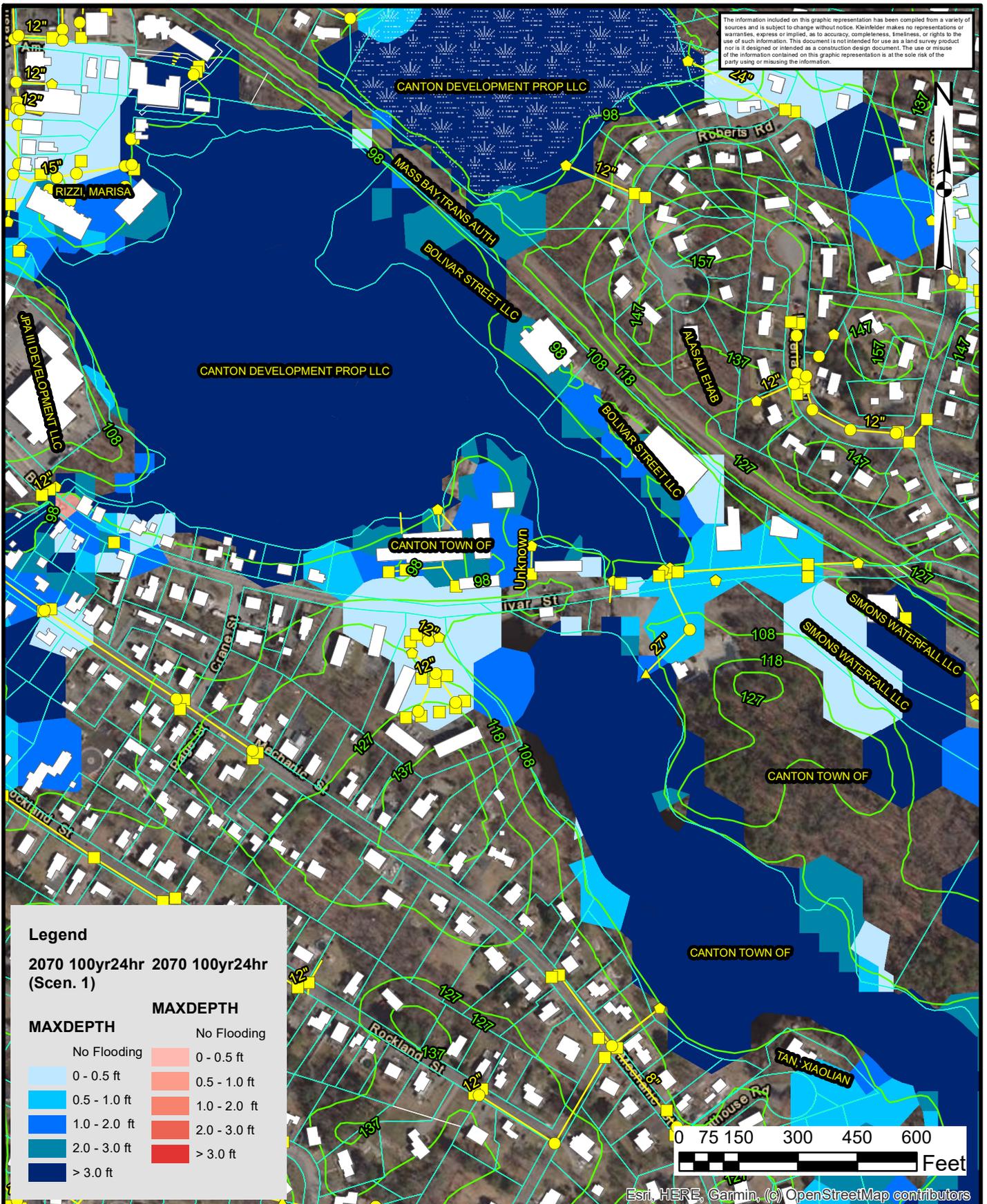
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CREATED BY:	LHowe
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FILE NAME:	Field Maps_KLF_revJune2021.mxd

**Washington St. at Shepard Pond**

Town of Canton, MA  
 Municipal Vulnerability Preparedness FY20 Action Grant  
 Flooding - Areas of Interest

FIGURE  
**2b**

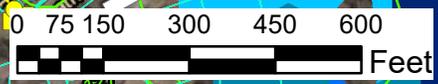
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**Legend**

2070 100yr24hr (Scen. 1)

MAXDEPTH	
No Flooding	No Flooding
0 - 0.5 ft	0 - 0.5 ft
0.5 - 1.0 ft	0.5 - 1.0 ft
1.0 - 2.0 ft	1.0 - 2.0 ft
2.0 - 3.0 ft	2.0 - 3.0 ft
> 3.0 ft	> 3.0 ft



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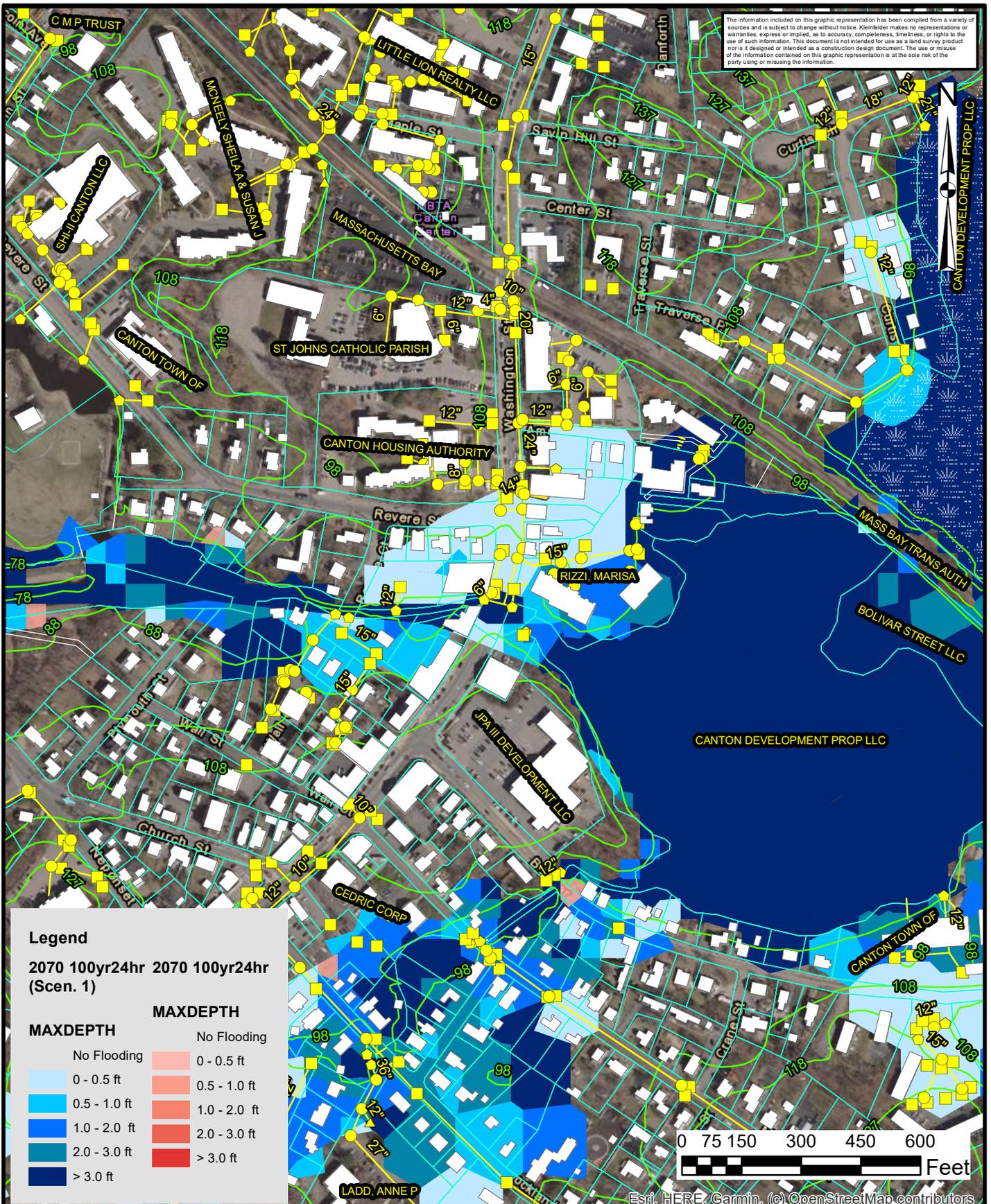
PROJECT NO.	20203163.001A
CREATED:	6/17/2021
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**Bolivar St.  
at Bolivar Pond**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**3a**

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**Legend**

2070 100yr24hr (Scen. 1)

MAXDEPTH	
No Flooding	No Flooding
0 - 0.5 ft	0 - 0.5 ft
0.5 - 1.0 ft	0.5 - 1.0 ft
1.0 - 2.0 ft	1.0 - 2.0 ft
2.0 - 3.0 ft	2.0 - 3.0 ft
> 3.0 ft	> 3.0 ft



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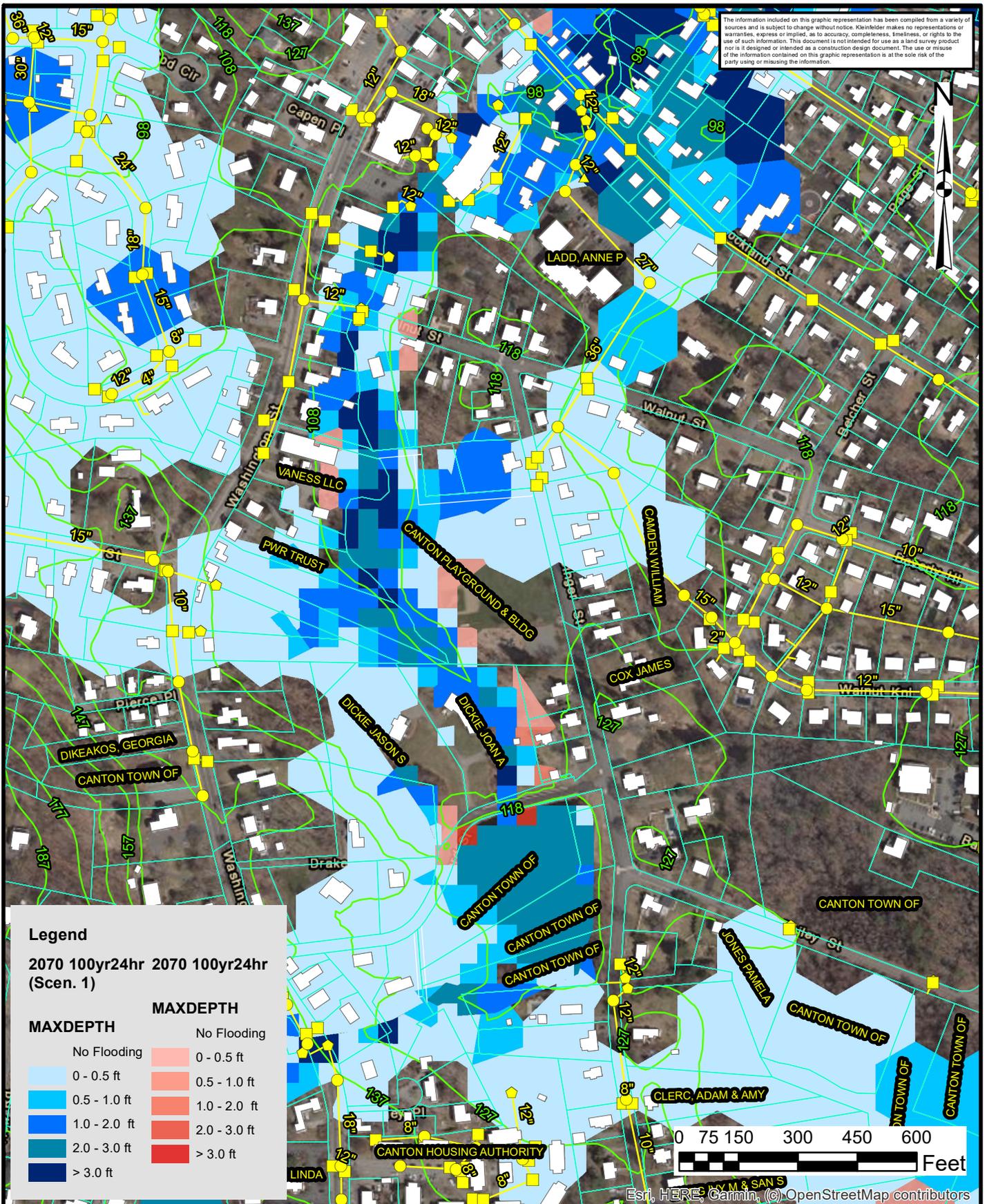
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FILE NAME:	Field Maps_KLF_revJune2021.mxd

**Washington St.  
at Forge Pond Dam**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**3b**

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**Legend**

2070 100yr24hr (Scen. 1)

MAXDEPTH	
No Flooding	No Flooding
0 - 0.5 ft	0 - 0.5 ft
0.5 - 1.0 ft	0.5 - 1.0 ft
1.0 - 2.0 ft	1.0 - 2.0 ft
2.0 - 3.0 ft	2.0 - 3.0 ft
> 3.0 ft	> 3.0 ft



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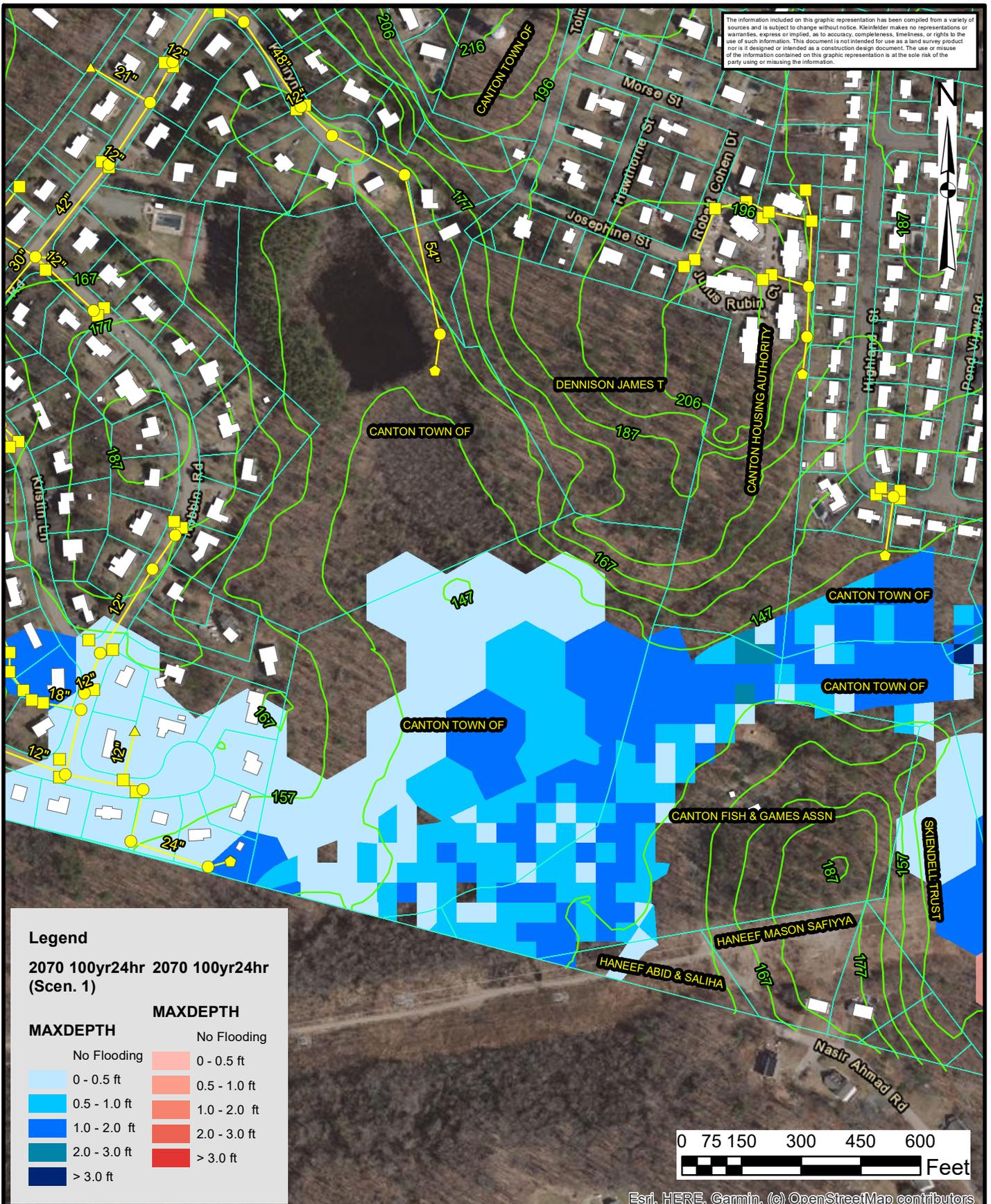
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**Messinger Park  
Massapoag Brook**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**4**

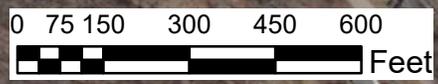
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**Legend**

2070 100yr24hr 2070 100yr24hr  
(Scen. 1)

MAXDEPTH		MAXDEPTH	
No Flooding	0 - 0.5 ft	No Flooding	0 - 0.5 ft
0 - 0.5 ft	0.5 - 1.0 ft	0.5 - 1.0 ft	1.0 - 2.0 ft
0.5 - 1.0 ft	1.0 - 2.0 ft	1.0 - 2.0 ft	2.0 - 3.0 ft
1.0 - 2.0 ft	2.0 - 3.0 ft	2.0 - 3.0 ft	> 3.0 ft
2.0 - 3.0 ft	> 3.0 ft		
> 3.0 ft			



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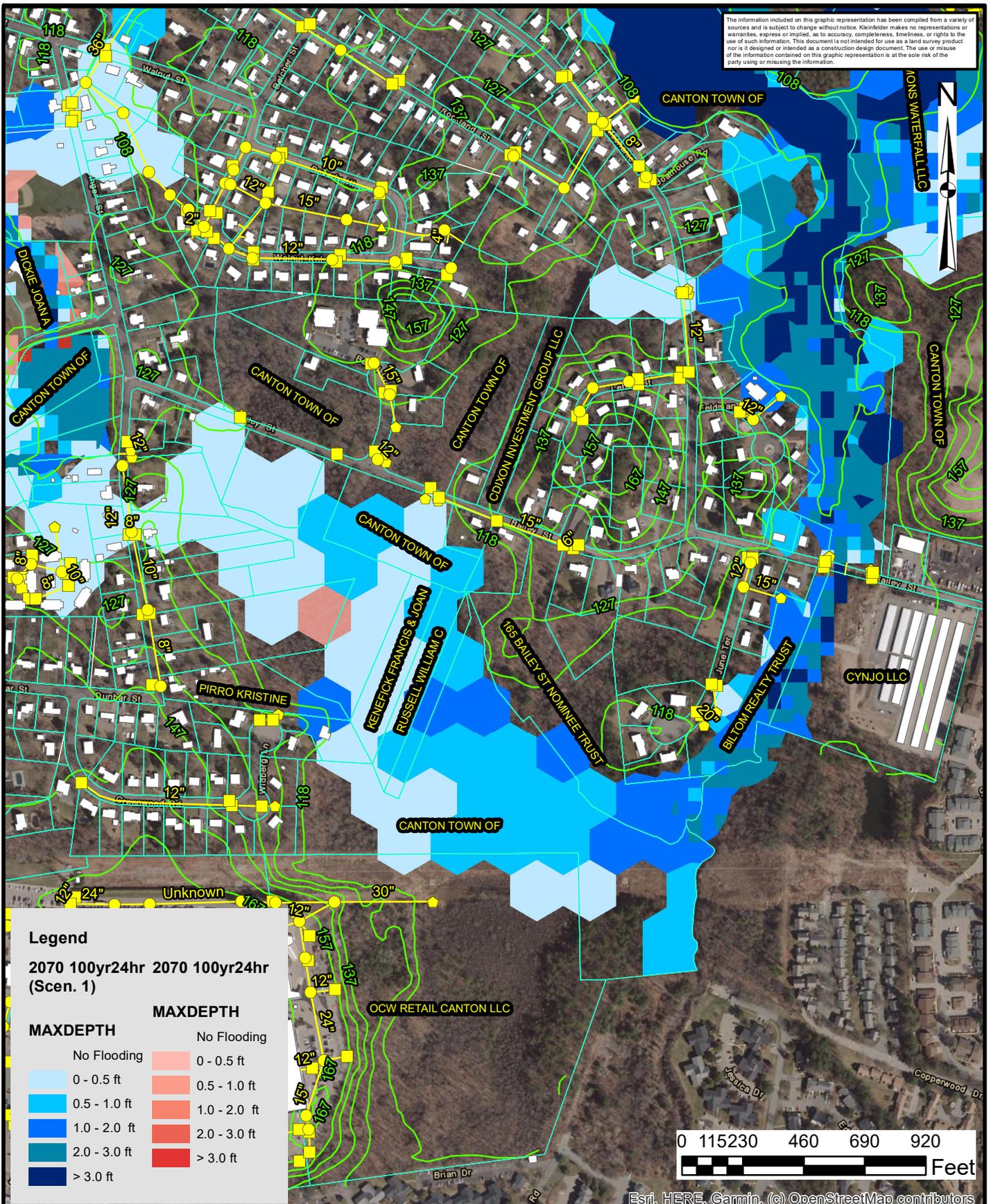
**Tolman S. Conservation Area  
Massapoag Brook**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Risk

FIGURE  
**5a**



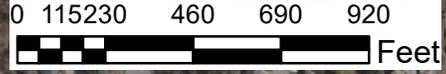
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**Legend**

2070 100yr24hr 2070 100yr24hr (Scen. 1)

MAXDEPTH	
No Flooding	No Flooding
0 - 0.5 ft	0 - 0.5 ft
0.5 - 1.0 ft	0.5 - 1.0 ft
1.0 - 2.0 ft	1.0 - 2.0 ft
2.0 - 3.0 ft	2.0 - 3.0 ft
> 3.0 ft	> 3.0 ft



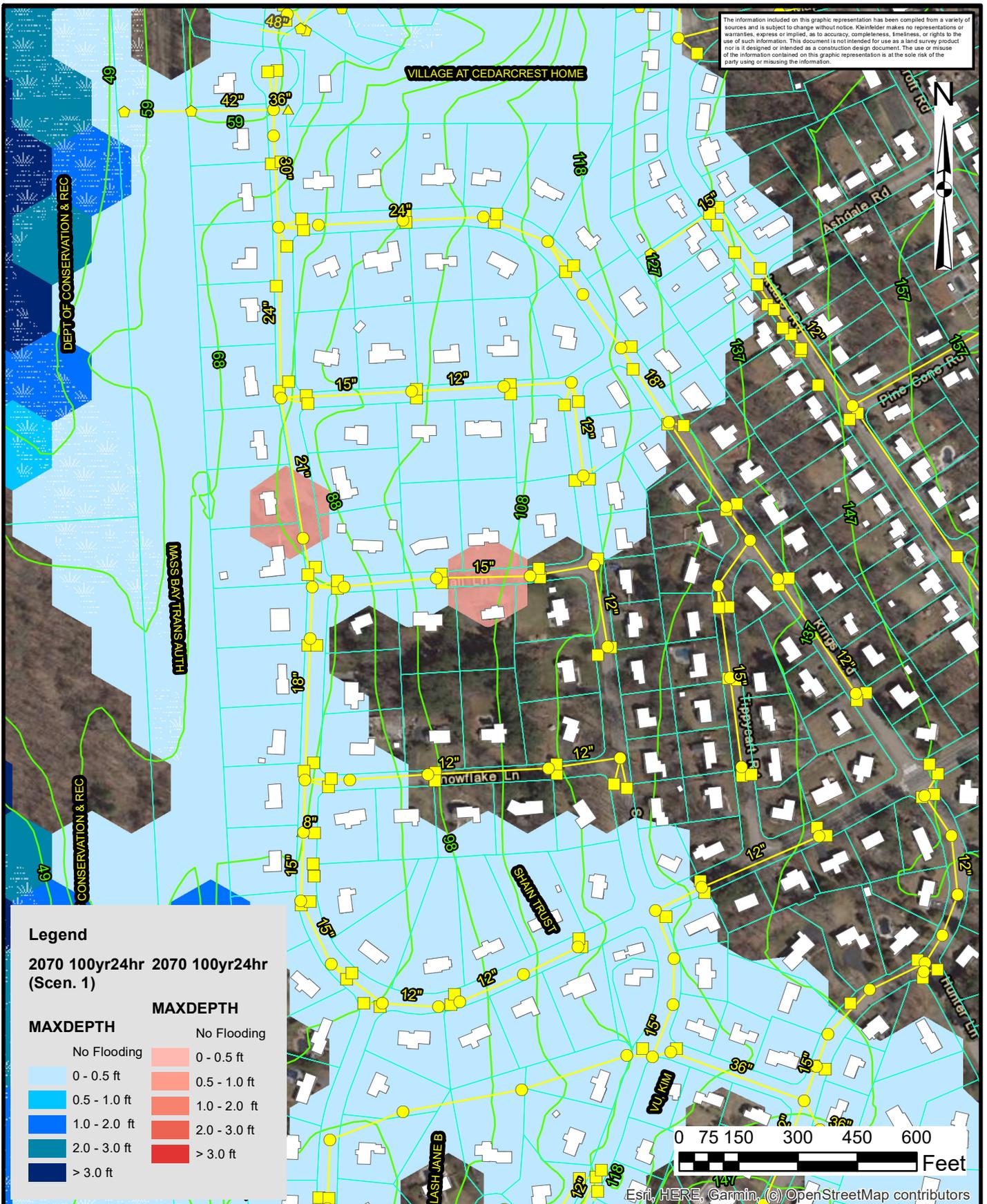
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**Bailey Ct. Conservation Area  
Massapoag Brook**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**5c**

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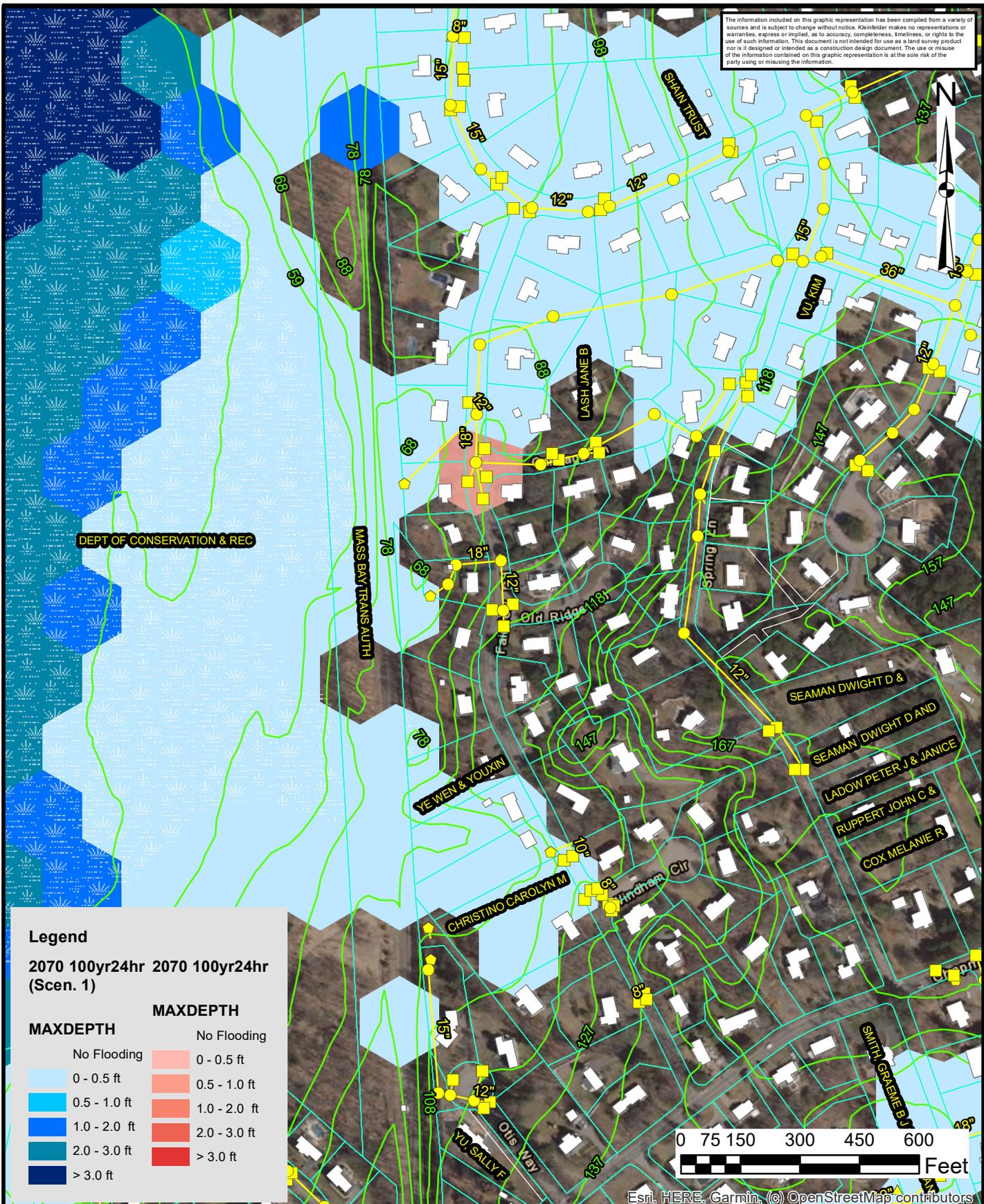
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**Cedarcrest and Kings Rd.  
 West of JFK School**

Town of Canton, MA  
 Municipal Vulnerability Preparedness FY20 Action Grant  
 Flooding - Areas of Interest

FIGURE  
**6a**

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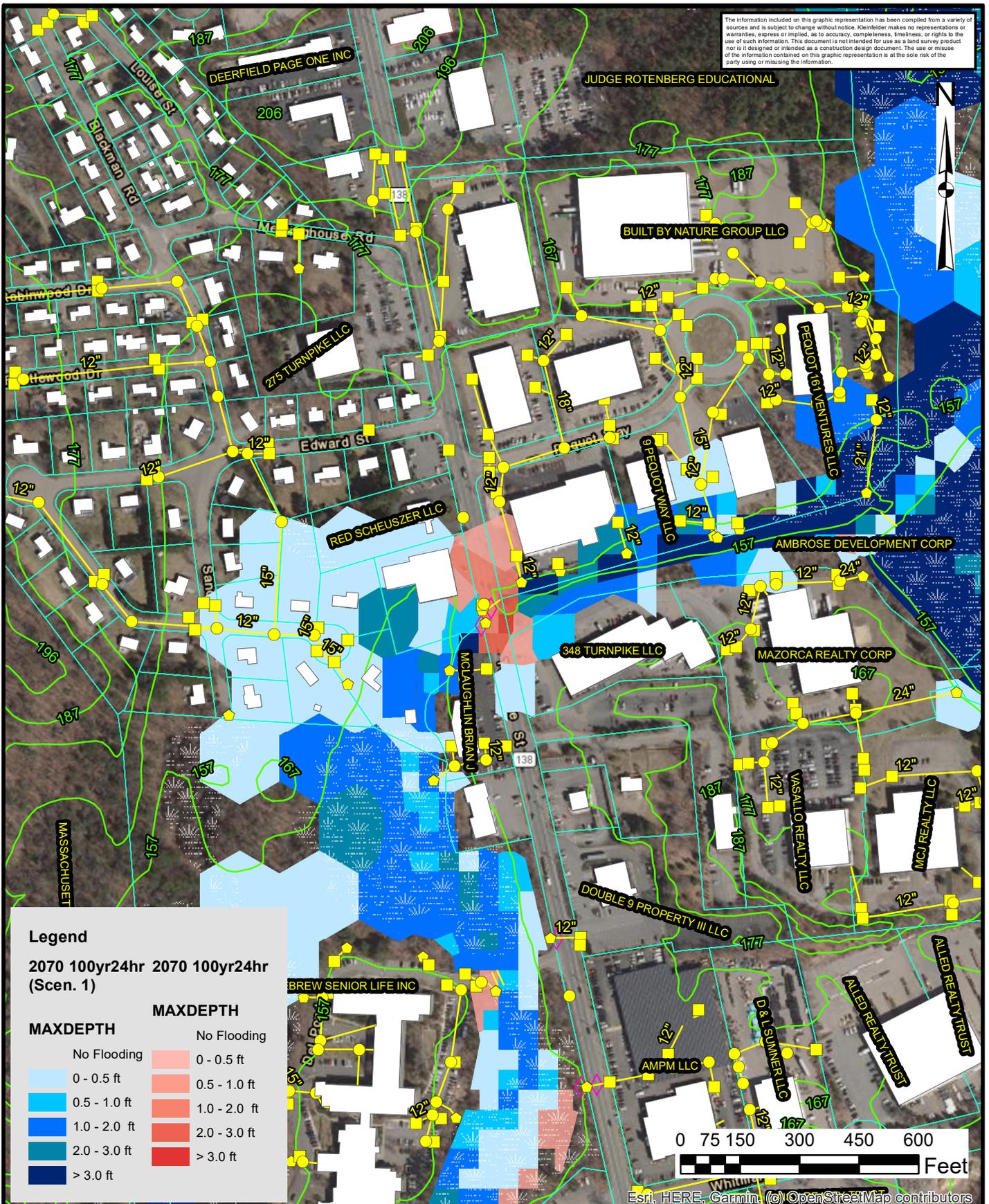
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**Fairview Rd.  
West of JFK School**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**6b**

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**Legend**

2070 100yr24hr  
(Scen. 1)

MAXDEPTH		MAXDEPTH	
No Flooding	0 - 0.5 ft	No Flooding	0 - 0.5 ft
0 - 0.5 ft	0.5 - 1.0 ft	0.5 - 1.0 ft	1.0 - 2.0 ft
0.5 - 1.0 ft	1.0 - 2.0 ft	1.0 - 2.0 ft	2.0 - 3.0 ft
1.0 - 2.0 ft	2.0 - 3.0 ft	2.0 - 3.0 ft	> 3.0 ft
2.0 - 3.0 ft	> 3.0 ft		
> 3.0 ft			



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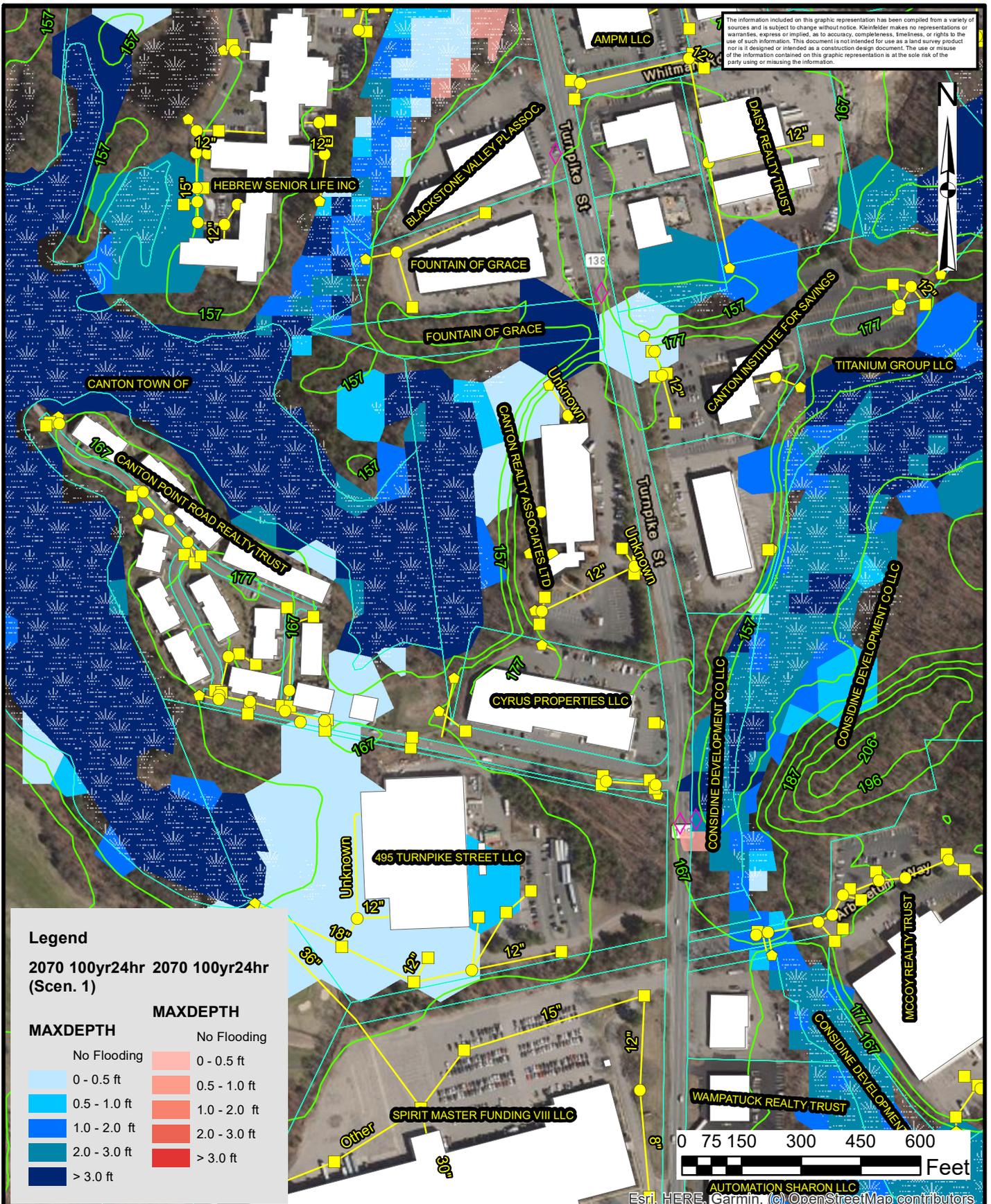
**Rte 138 / Del Pond Dr.  
Pequit Brook**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**7**

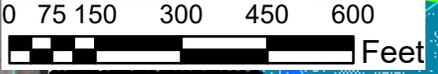


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**Legend**  
2070 100yr24hr (Scen. 1)

MAXDEPTH	
No Flooding	No Flooding
0 - 0.5 ft	0 - 0.5 ft
0.5 - 1.0 ft	0.5 - 1.0 ft
1.0 - 2.0 ft	1.0 - 2.0 ft
2.0 - 3.0 ft	2.0 - 3.0 ft
> 3.0 ft	> 3.0 ft



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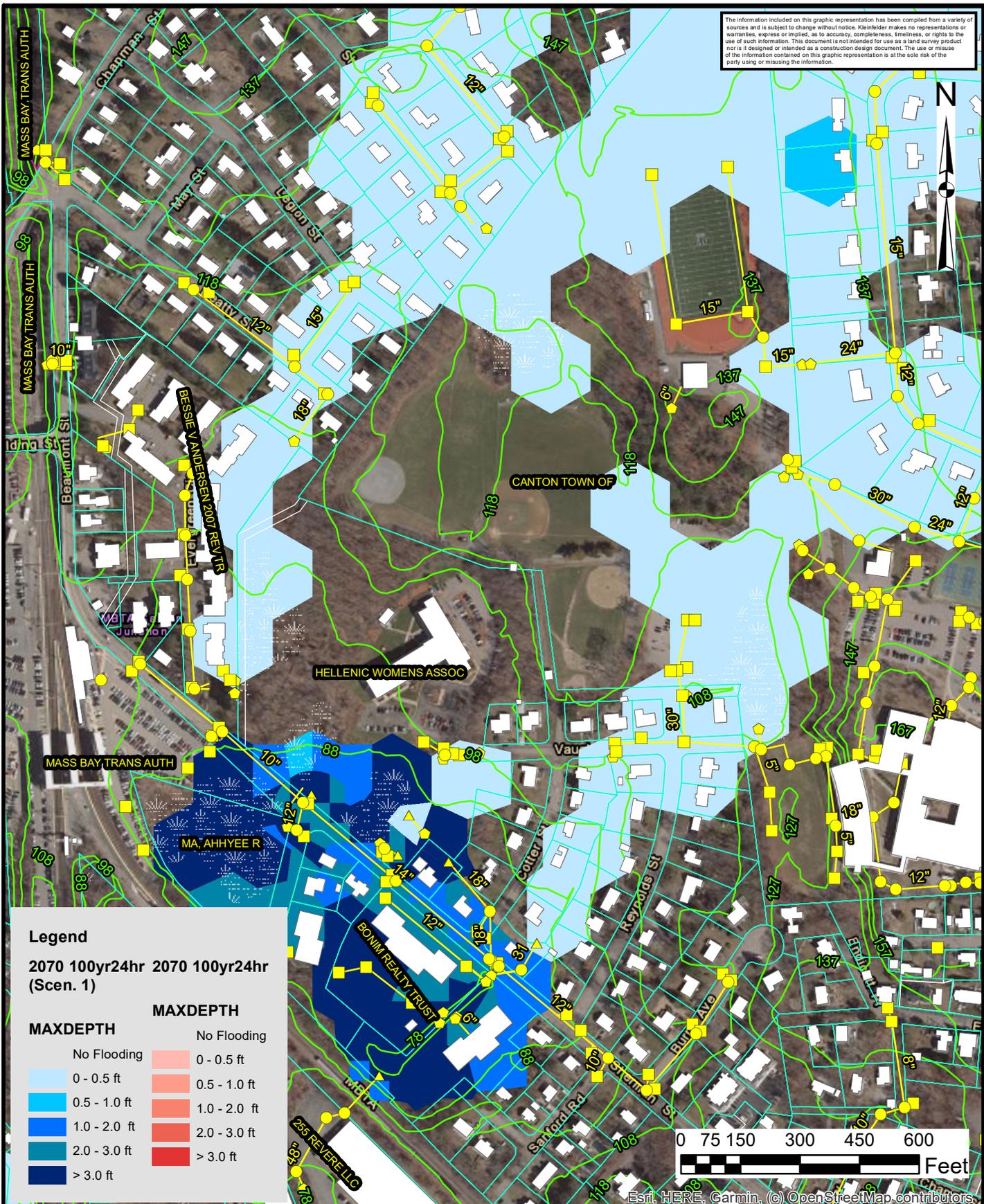
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**Rte 138 / Canton Point Rd.  
Pequit Brook**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**9**

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**Legend**

2070 100yr24hr 2070 100yr24hr (Scen. 1)

MAXDEPTH	
No Flooding	No Flooding
0 - 0.5 ft	0 - 0.5 ft
0.5 - 1.0 ft	0.5 - 1.0 ft
1.0 - 2.0 ft	1.0 - 2.0 ft
2.0 - 3.0 ft	2.0 - 3.0 ft
> 3.0 ft	> 3.0 ft

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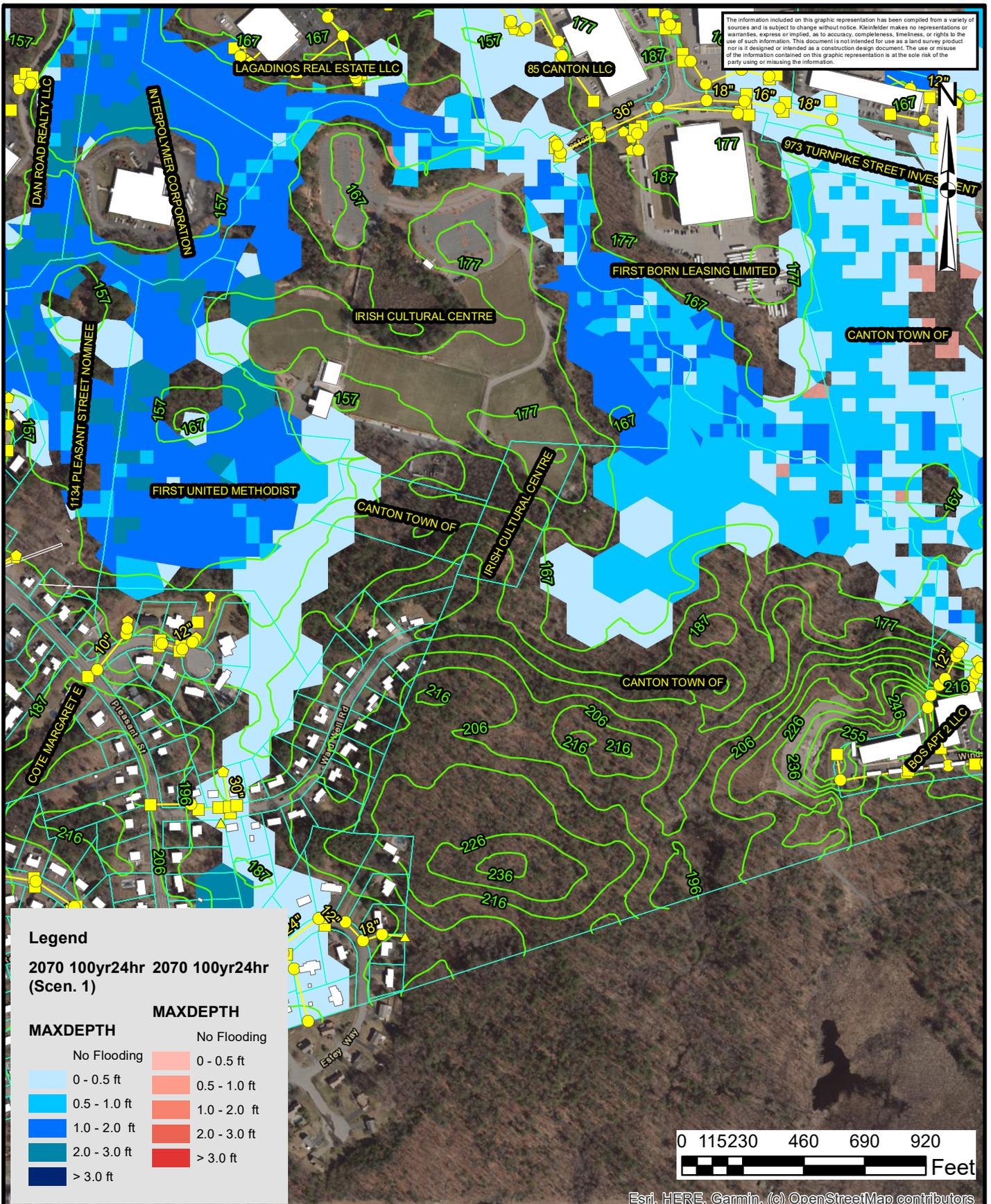
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**Sherman St.  
south of Memorial Field**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**10**

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**Legend**

2070 100yr24hr (Scen. 1)

MAXDEPTH	
No Flooding	No Flooding
0 - 0.5 ft	0 - 0.5 ft
0.5 - 1.0 ft	0.5 - 1.0 ft
1.0 - 2.0 ft	1.0 - 2.0 ft
2.0 - 3.0 ft	2.0 - 3.0 ft
> 3.0 ft	> 3.0 ft



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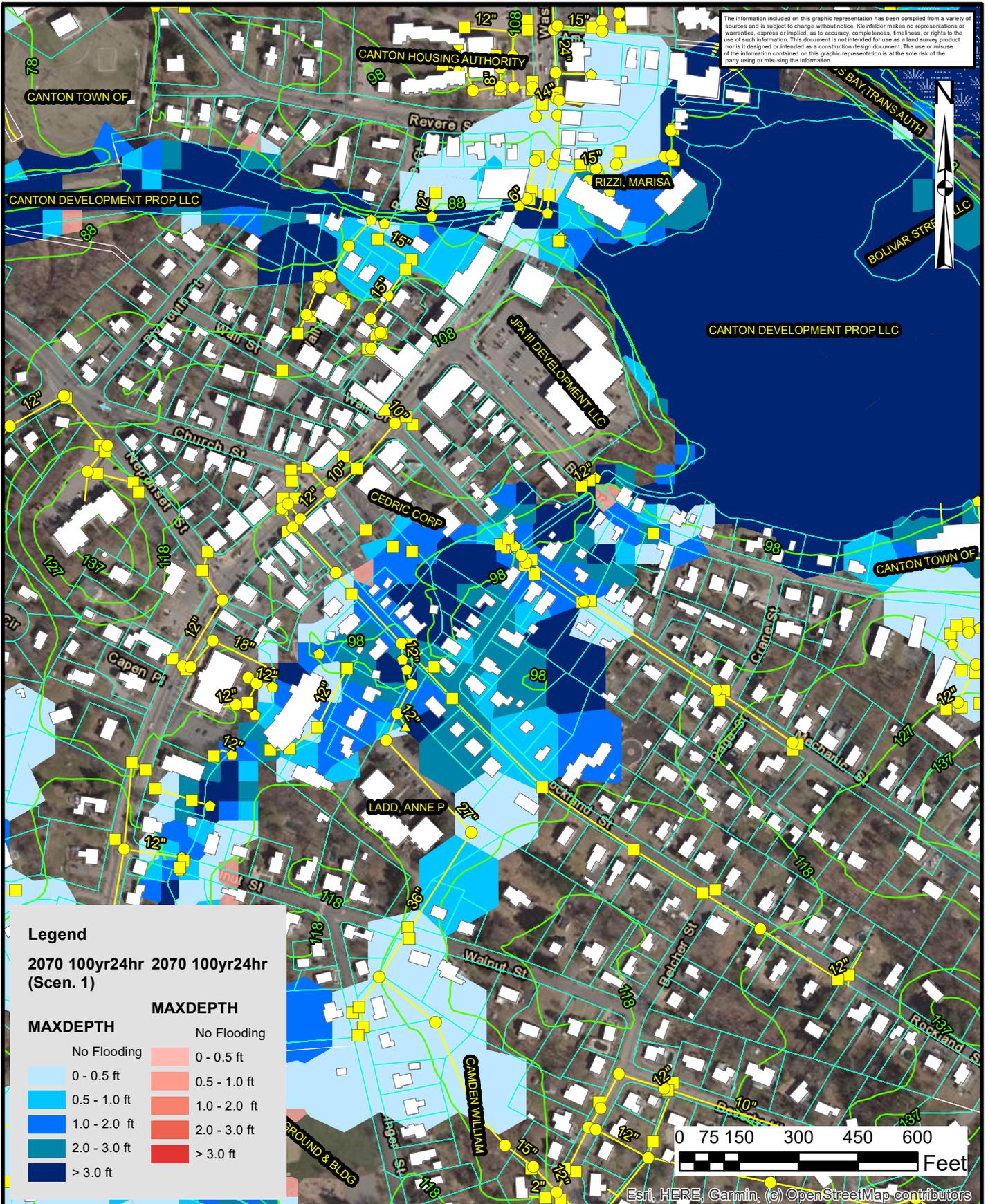


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**Town Conservation Land Along Red Wing Brook**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**11**



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**Bolivar St., Rockland St., and Howard St.  
 Massapoag Brook**

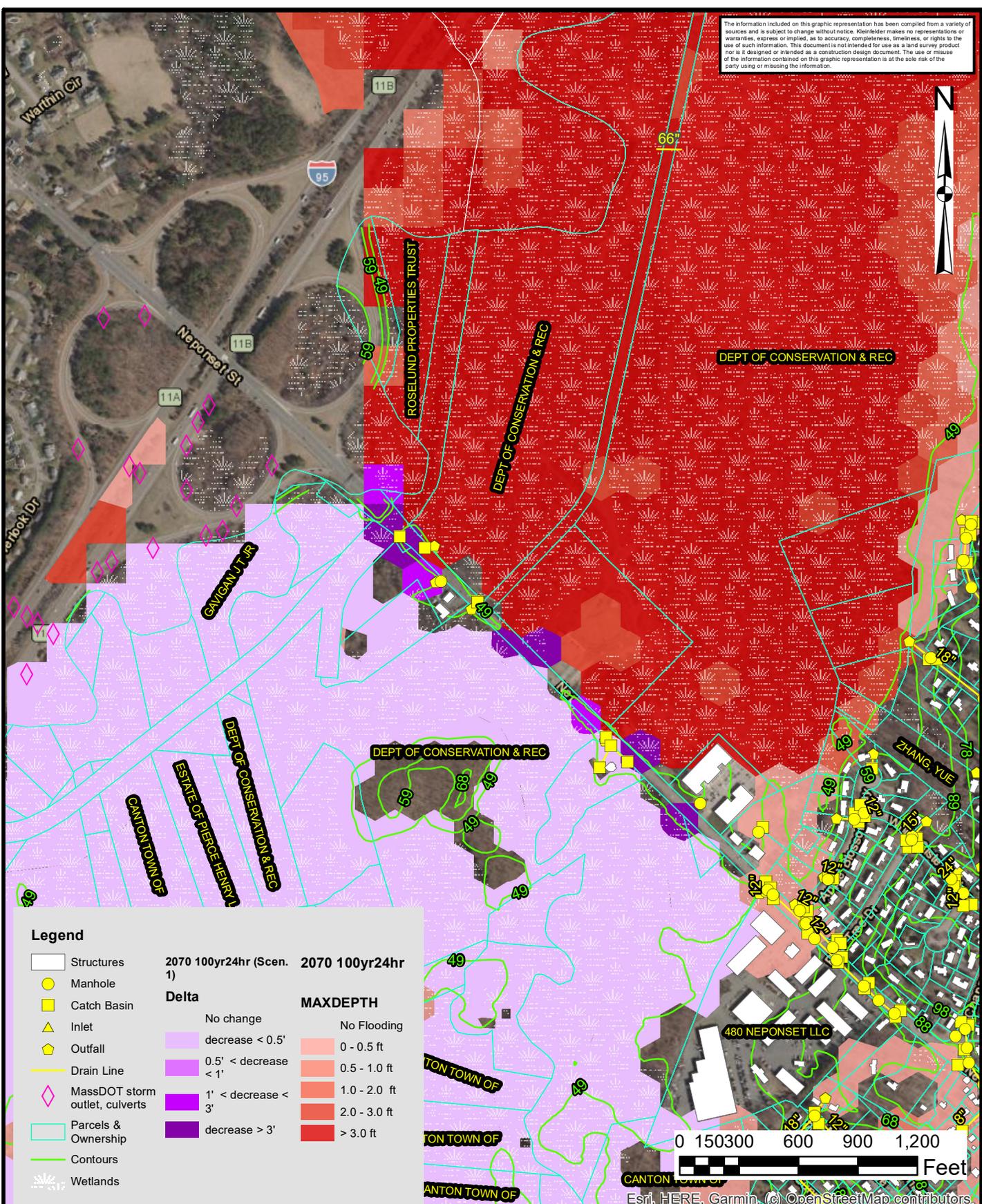
Town of Canton, MA  
 Municipal Vulnerability Preparedness FY20 Action Grant  
 Flooding - Areas of Interest

FIGURE  
**12**

### Mitigation Scenario #1

Max. Flood Depth change resulting from mitigation strategies (purple = delta) for 2070 100-year, 24 hour event

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**Legend**

- |                                |                          |                 |
|--------------------------------|--------------------------|-----------------|
| Structures                     | 2070 100yr24hr (Scen. 1) | 2070 100yr24hr  |
| Manhole                        | <b>Delta</b>             | <b>MAXDEPTH</b> |
| Catch Basin                    | No change                | No Flooding     |
| Inlet                          | decrease < 0.5'          | 0 - 0.5 ft      |
| Outfall                        | 0.5' < decrease < 1'     | 0.5 - 1.0 ft    |
| Drain Line                     | 1' < decrease < 3'       | 1.0 - 2.0 ft    |
| MassDOT storm outlet, culverts | decrease > 3'            | 2.0 - 3.0 ft    |
| Parcels & Ownership            |                          | > 3.0 ft        |
| Contours                       |                          |                 |
| Wetlands                       |                          |                 |

0 150300 600 900 1,200 Feet  
 Esri, HERE, Garmin, (c) OpenStreetMap contributors



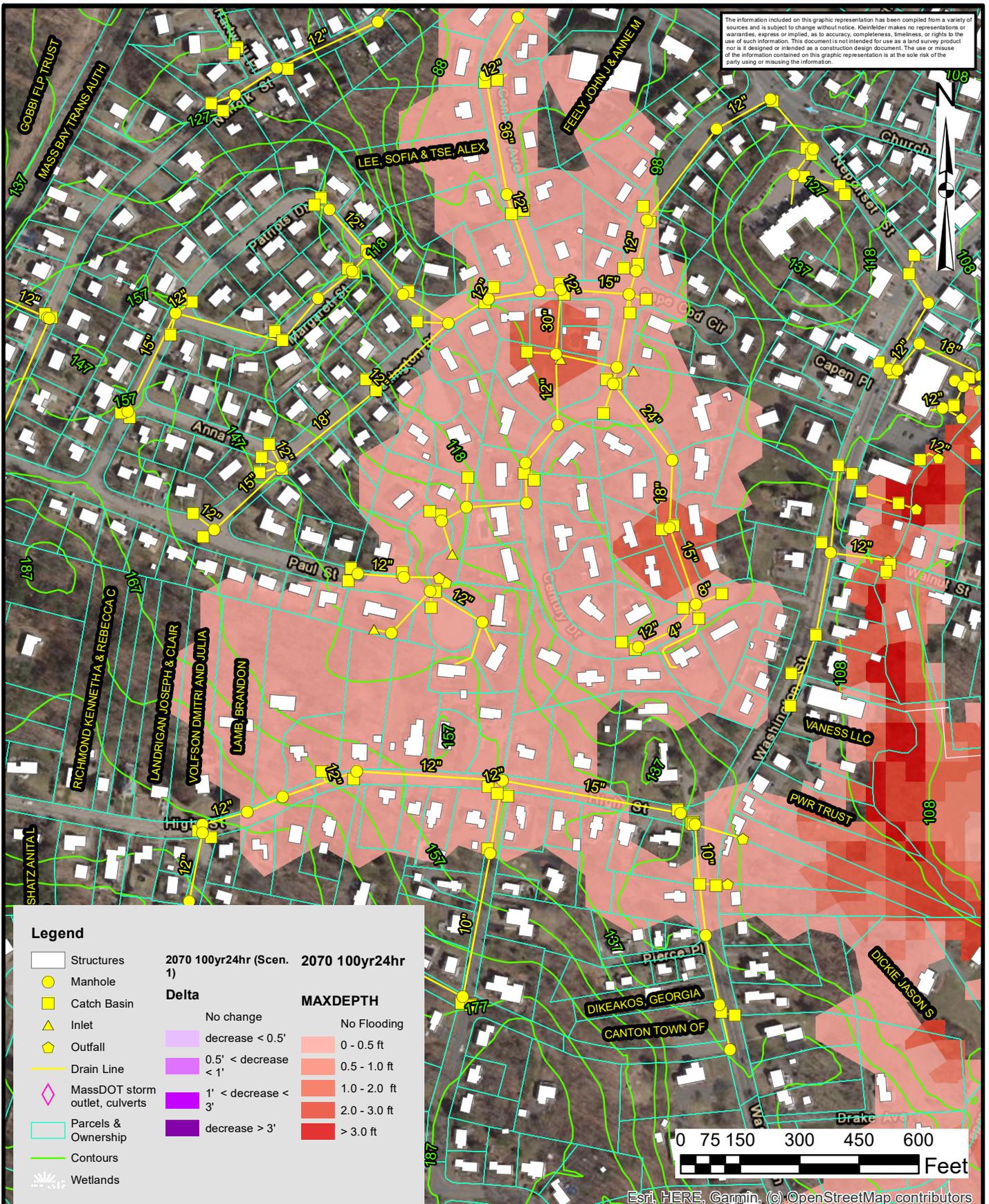
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CREATED:	6/21/2021
CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	Field Maps_KLF_revJune2021_pre and post.mxd

**Neponset St.  
 at Neponset River (zoomed out)**

Town of Canton, MA  
 Municipal Vulnerability Preparedness FY20 Action Grant  
 Flooding - Areas of Interest

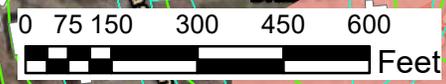
FIGURE  
**1**

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**Legend**

- |                                |                          |                |
|--------------------------------|--------------------------|----------------|
| Structures                     | 2070 100yr24hr (Scen. 1) | 2070 100yr24hr |
| Manhole                        |                          |                |
| Catch Basin                    |                          |                |
| Inlet                          |                          |                |
| Outfall                        |                          |                |
| Drain Line                     |                          |                |
| MassDOT storm outlet, culverts |                          |                |
| Parcels & Ownership            |                          |                |
| Contours                       |                          |                |
| Wetlands                       |                          |                |
- 
- |                      |                 |
|----------------------|-----------------|
| <b>Delta</b>         | <b>MAXDEPTH</b> |
| No change            | No Flooding     |
| decrease < 0.5'      | 0 - 0.5 ft      |
| 0.5' < decrease < 1' | 0.5 - 1.0 ft    |
| 1' < decrease < 3'   | 1.0 - 2.0 ft    |
| decrease > 3'        | 2.0 - 3.0 ft    |
|                      | > 3.0 ft        |



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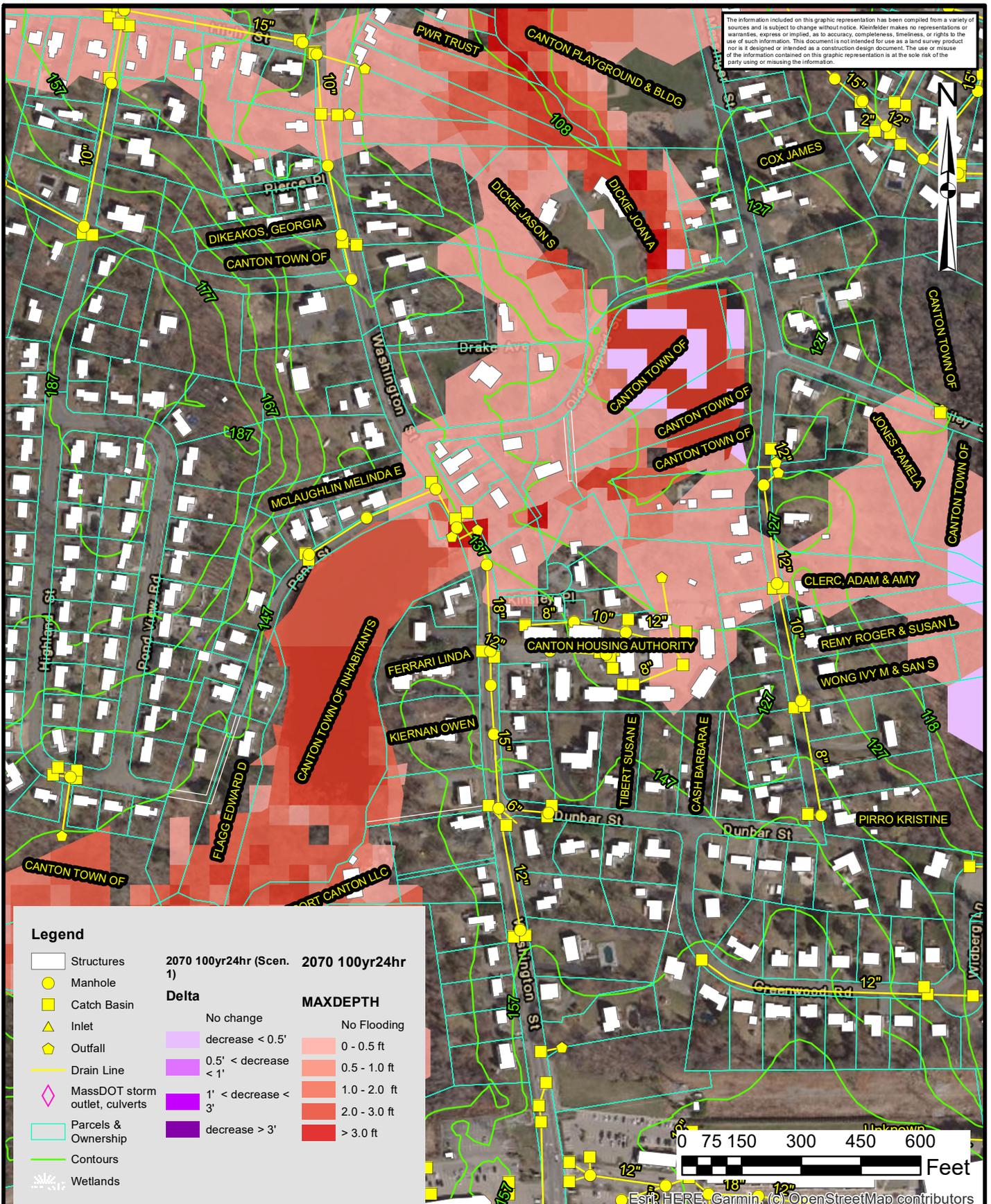
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FILE NAME:	Field Maps_KLF_revJune2021_pre and post.mxd

**Washington St. & High St.**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**2a**

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Legend	
	Structures
	Manhole
	Catch Basin
	Inlet
	Outfall
	Drain Line
	MassDOT storm outlet, culverts
	Parcels & Ownership
	Contours
	Wetlands
	2070 100yr24hr (Scen. 1) No change
	Delta decrease < 0.5'
	0.5' < decrease < 1'
	1' < decrease < 3'
	decrease > 3'
	MAXDEPTH No Flooding
	0 - 0.5 ft
	0.5 - 1.0 ft
	1.0 - 2.0 ft
	2.0 - 3.0 ft
	> 3.0 ft

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PROJECT NO.	20203163.001A
CREATED:	6/21/2021
CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	Field Maps_KLF_revJune2021_pre and post.mxd

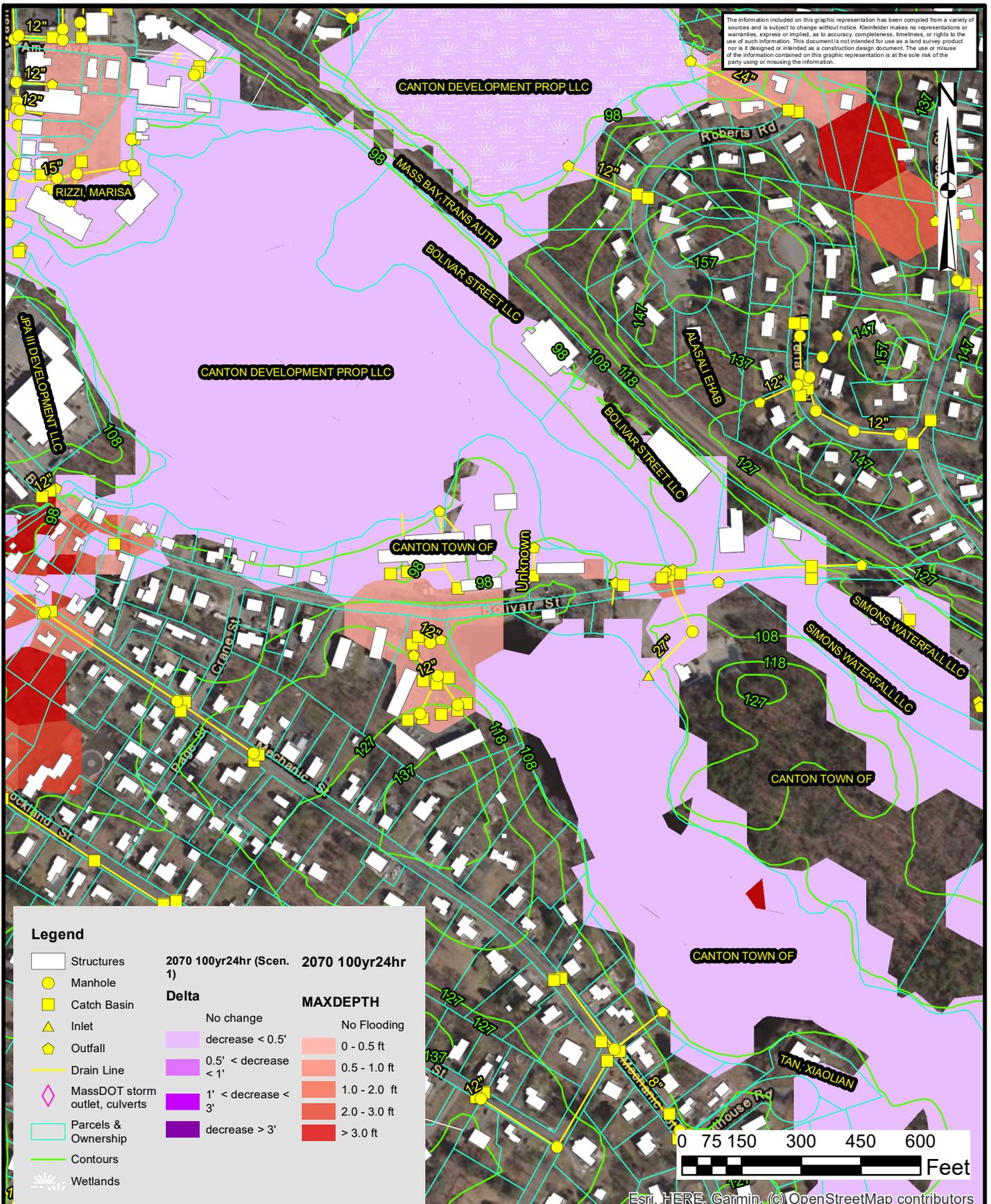
**Washington St.  
at Shepard Pond**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**2b**

0 75 150 300 450 600 Feet  
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**Legend**

- Structures
- Manhole
- Catch Basin
- Inlet
- Outfall
- Drain Line
- MassDOT storm outlet, culverts
- Parcels & Ownership
- Contours
- Wetlands

Delta	MAXDEPTH
No change	No Flooding
decrease < 0.5'	0 - 0.5 ft
0.5' < decrease < 1'	0.5 - 1.0 ft
1' < decrease < 3'	1.0 - 2.0 ft
decrease > 3'	2.0 - 3.0 ft
	> 3.0 ft

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PROJECT NO.	20203163.001A
CREATED:	6/21/2021
CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	Field Maps_KLF_revJune2021_pre and post.mxd

**Bolivar St.  
at Bolivar Pond**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**3a**

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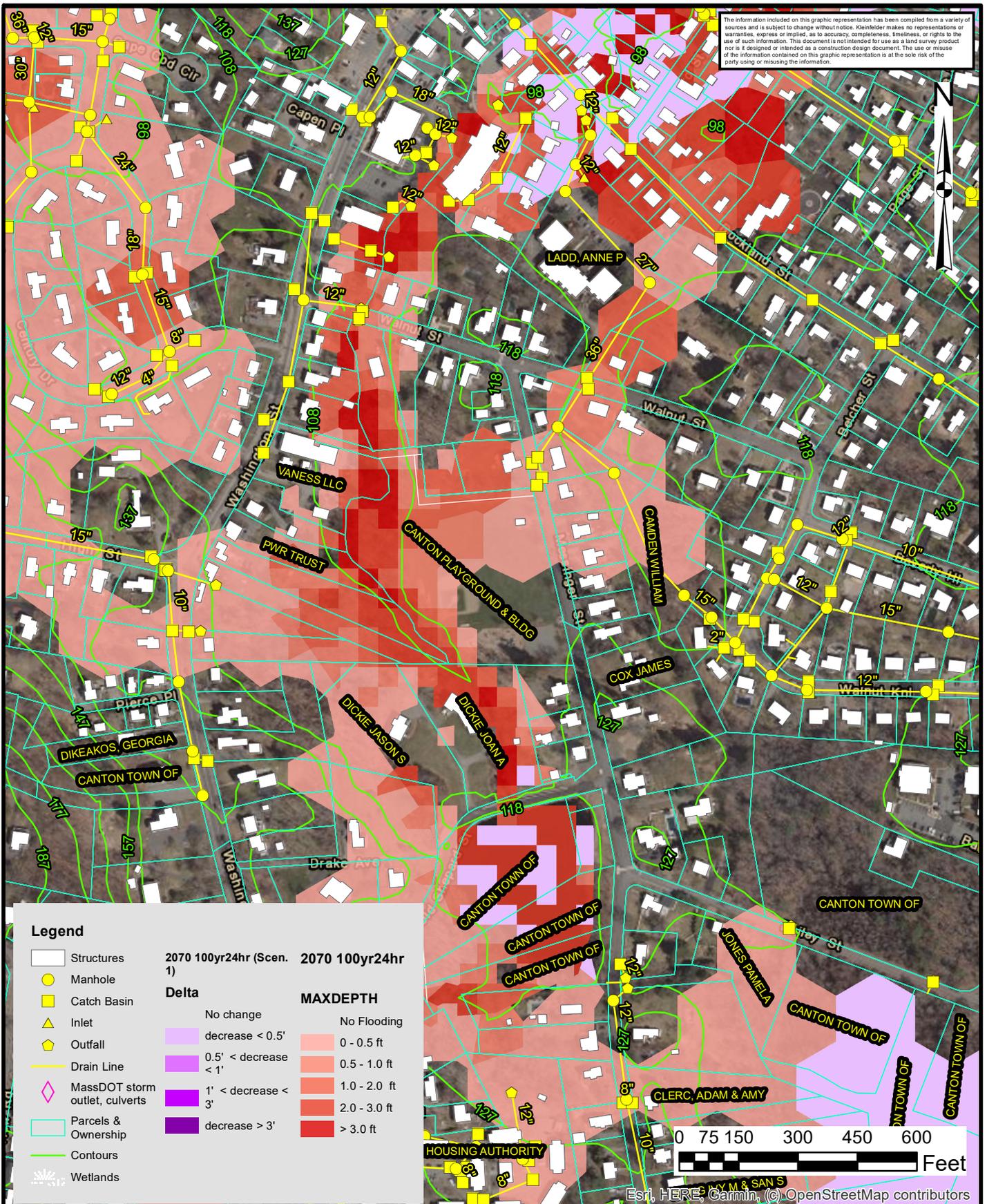
PROJECT NO.	20203163.001A
CREATED:	6/21/2021
CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	Field Maps_KLF_revJune2021_pre and post.mxd

**Washington St. at Forge Pond Dam**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**3b**

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**Legend**

- |                                |                                 |                       |
|--------------------------------|---------------------------------|-----------------------|
| Structures                     | <b>2070 100yr24hr (Scen. 1)</b> | <b>2070 100yr24hr</b> |
| Manhole                        | <b>Delta</b>                    | <b>MAXDEPTH</b>       |
| Catch Basin                    | No change                       | No Flooding           |
| Inlet                          | decrease < 0.5'                 | 0 - 0.5 ft            |
| Outfall                        | 0.5' < decrease < 1'            | 0.5 - 1.0 ft          |
| Drain Line                     | 1' < decrease < 3'              | 1.0 - 2.0 ft          |
| MassDOT storm outlet, culverts | decrease > 3'                   | 2.0 - 3.0 ft          |
| Parcels & Ownership            |                                 | > 3.0 ft              |
| Contours                       |                                 |                       |
| Wetlands                       |                                 |                       |

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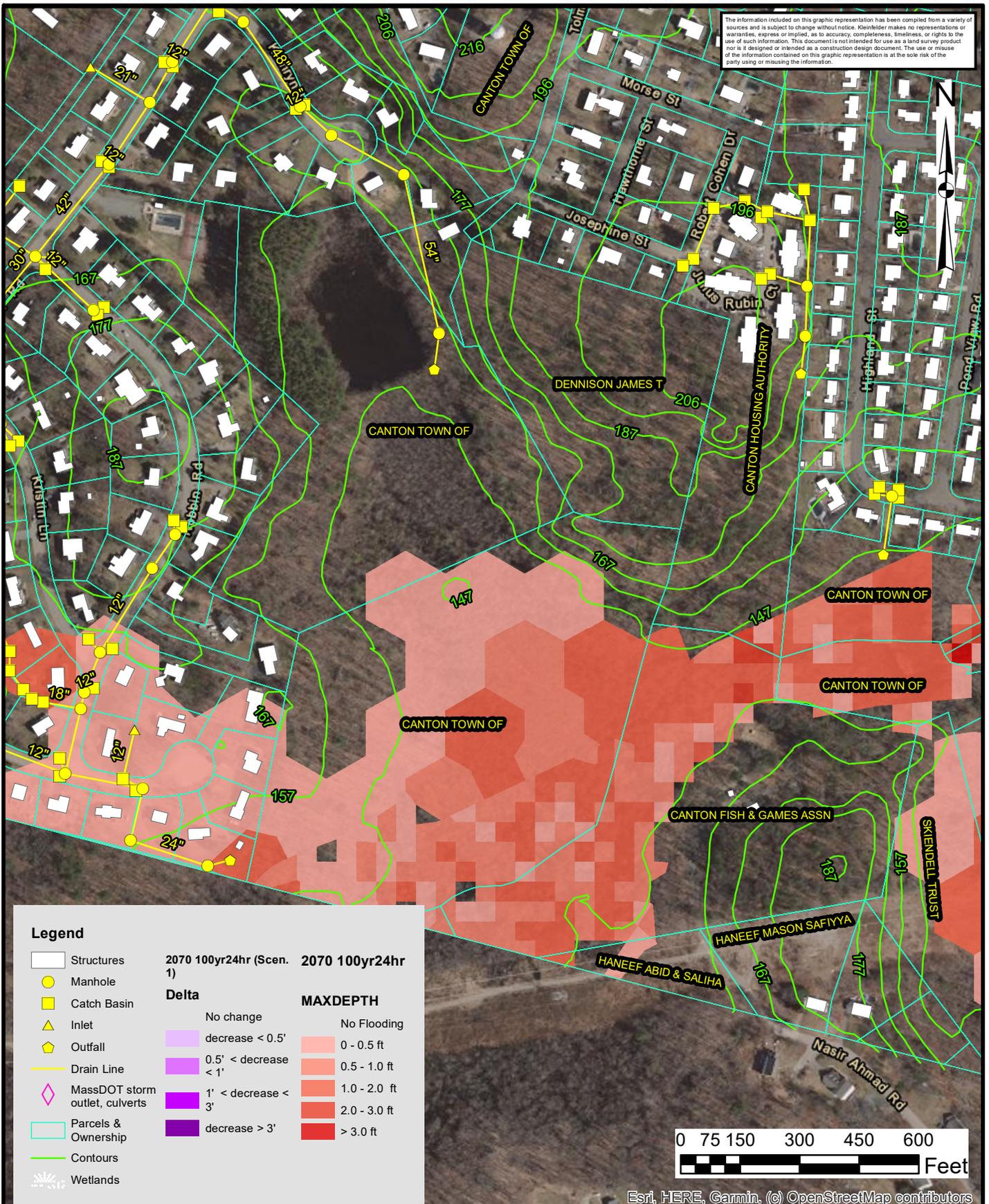
PROJECT NO.	20203163.001A
CREATED:	6/21/2021
CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	Field Maps_KLF_revJune2021_pre and post.mxd

**Messinger Park  
Massapoag Brook**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**4**

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**Legend**

	Structures	2070 100yr24hr (Scen. 1)	2070 100yr24hr
	Manhole	<b>Delta</b>	<b>MAXDEPTH</b>
	Catch Basin	No change	No Flooding
	Inlet	decrease < 0.5'	0 - 0.5 ft
	Outfall	0.5' < decrease < 1'	0.5 - 1.0 ft
	Drain Line	1' < decrease < 3'	1.0 - 2.0 ft
	MassDOT storm outlet, culverts	decrease > 3'	2.0 - 3.0 ft
	Parcels & Ownership		> 3.0 ft
	Contours		
	Wetlands		

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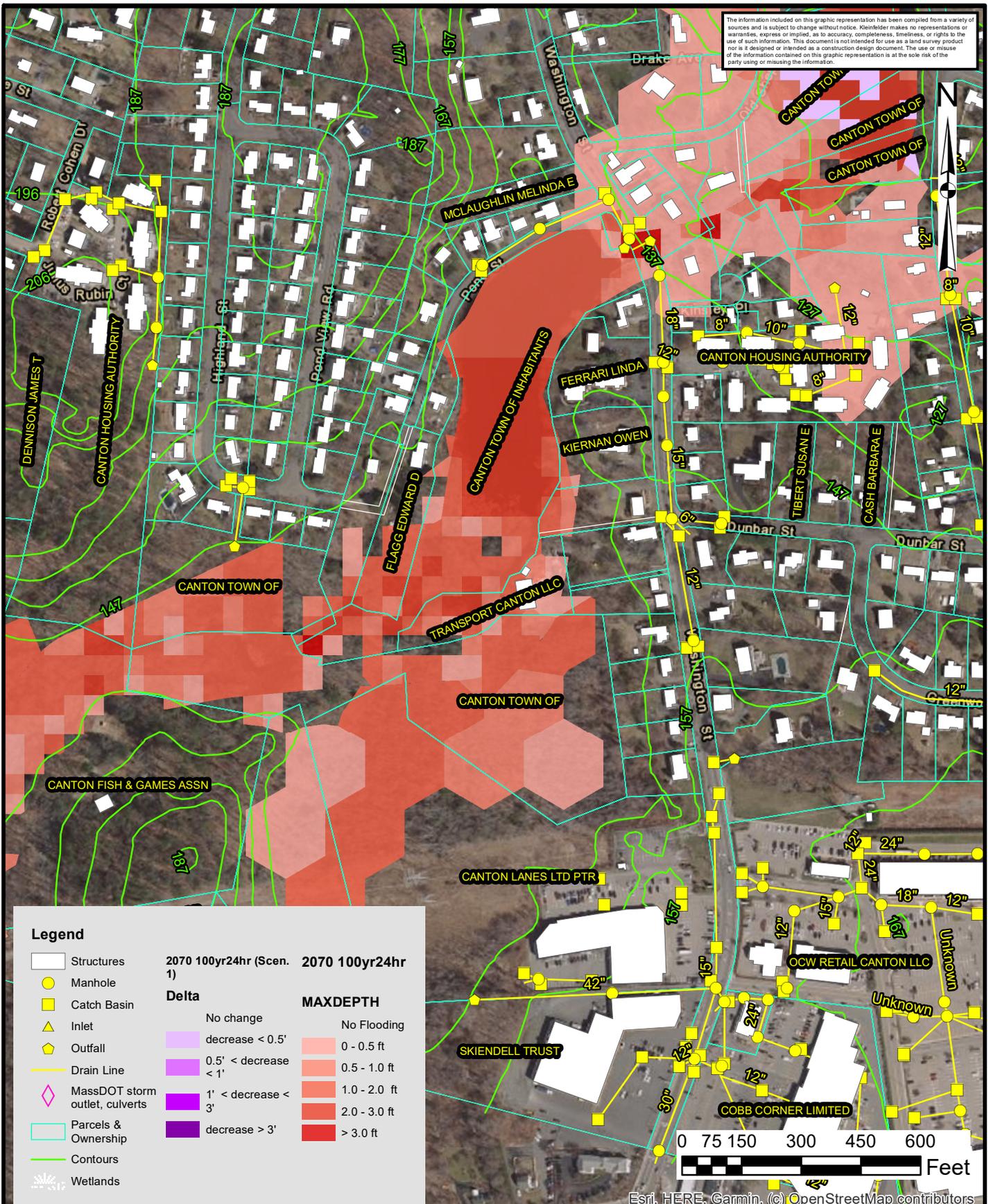
PROJECT NO.	20203163.001A
CREATED:	6/21/2021
CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	F_revJune2021_pre and post.mxd

**Tolman S. Conservation Area  
Massapoag Brook**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**5a**

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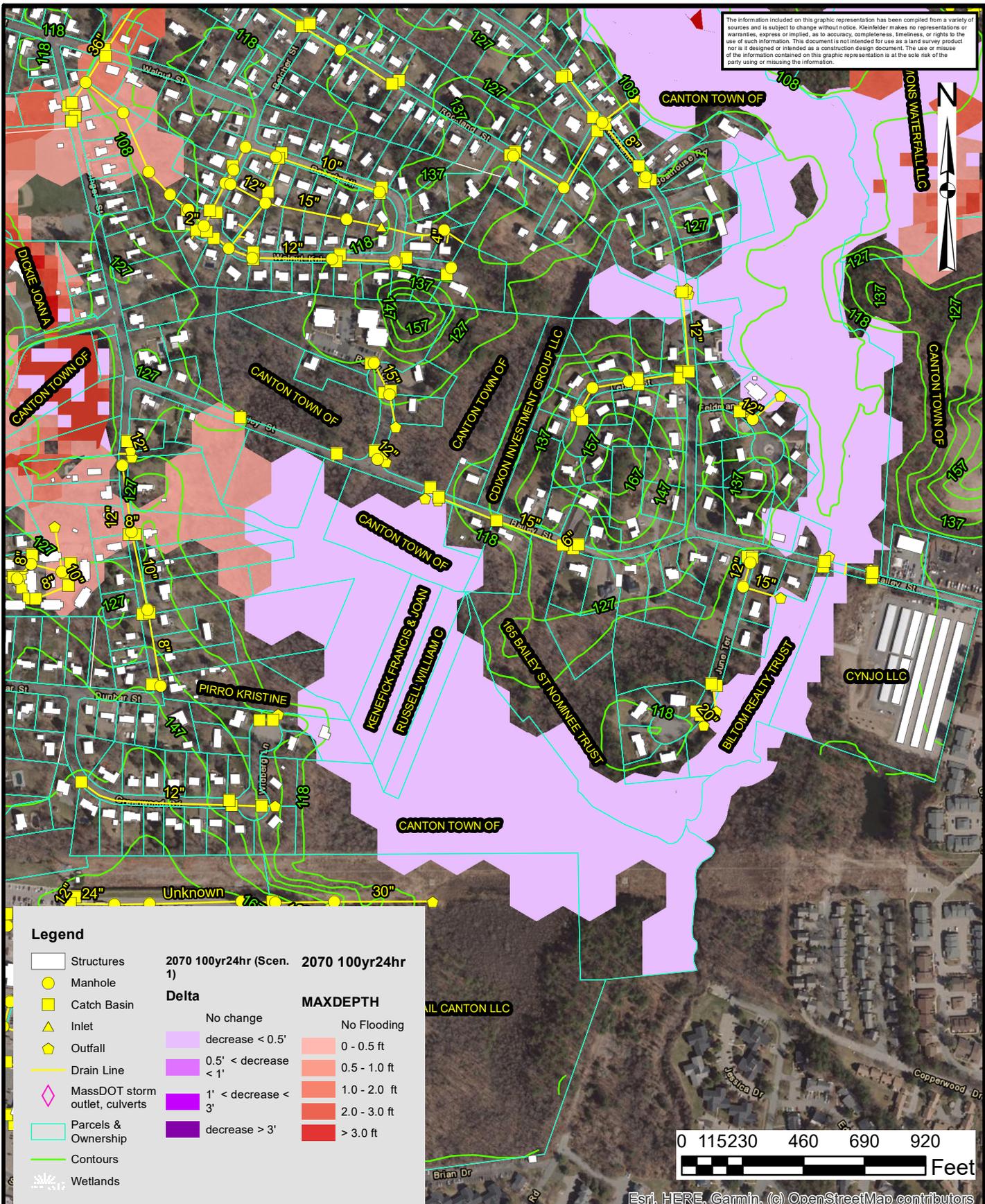
Legend		2070 100yr24hr (Scen. 1)	2070 100yr24hr
	Structures		
	Manhole		
	Catch Basin		
	Inlet		
	Outfall		
	Drain Line		
	MassDOT storm outlet, culverts		
	Parcels & Ownership		
	Contours		
	Wetlands		
	<b>Delta</b>	<b>MAXDEPTH</b>	
	No change	No Flooding	
	decrease < 0.5'	0 - 0.5 ft	
	0.5' < decrease < 1'	0.5 - 1.0 ft	
	1' < decrease < 3'	1.0 - 2.0 ft	
	decrease > 3'	2.0 - 3.0 ft	
		> 3.0 ft	



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<p><b>KLEINFELDER</b> Bright People. Right Solutions. www.kleinfielder.com</p>	PROJECT NO. 20203163.001A	<p><b>Shepard Pond Massapoag Brook</b></p>	<p>FIGURE <b>5b</b></p>
	CREATED: 6/21/2021		
	CREATED BY: LHowe	<p>Town of Canton, MA Municipal Vulnerability Preparedness FY20 Action Grant Flooding - Areas of Interest</p>	
	CHECKED BY: KJohnson		
	FILE NAME: Field Maps_KLF_revJune2021_pre and post.mxd		

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**Legend**

Structures	2070 100yr24hr (Scen. 1)	2070 100yr24hr
Manhole	<b>Delta</b>	<b>MAXDEPTH</b>
Catch Basin	No change	No Flooding
Inlet	decrease < 0.5'	0 - 0.5 ft
Outfall	0.5' < decrease < 1'	0.5 - 1.0 ft
Drain Line	1' < decrease < 3'	1.0 - 2.0 ft
MassDOT storm outlet, culverts	decrease > 3'	2.0 - 3.0 ft
Parcels & Ownership		> 3.0 ft
Contours		
Wetlands		



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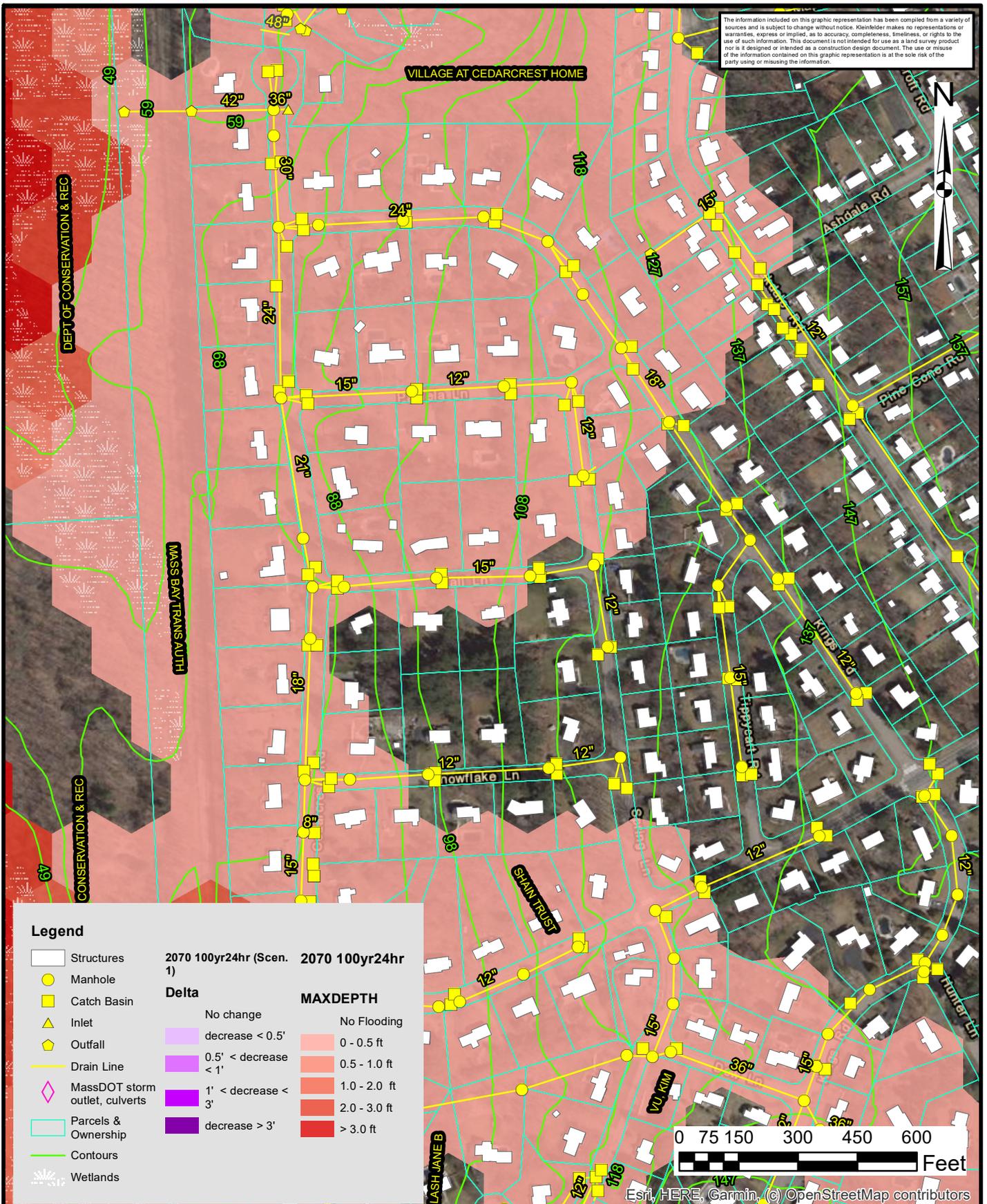
PROJECT NO.	20203163.001A
CREATED:	6/21/2021
CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	Field Maps_KLF_revJune2021_pre and post.mxd

**Bailey Ct. Conservation Area  
Massapoag Brook**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**5c**

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**Legend**

- |                                |                                 |                       |
|--------------------------------|---------------------------------|-----------------------|
| Structures                     | <b>2070 100yr24hr (Scen. 1)</b> | <b>2070 100yr24hr</b> |
| Manhole                        | <b>Delta</b>                    | <b>MAXDEPTH</b>       |
| Catch Basin                    | No change                       | No Flooding           |
| Inlet                          | decrease < 0.5'                 | 0 - 0.5 ft            |
| Outfall                        | 0.5' < decrease < 1'            | 0.5 - 1.0 ft          |
| Drain Line                     | 1' < decrease < 3'              | 1.0 - 2.0 ft          |
| MassDOT storm outlet, culverts | decrease > 3'                   | 2.0 - 3.0 ft          |
| Parcels & Ownership            |                                 | > 3.0 ft              |
| Contours                       |                                 |                       |
| Wetlands                       |                                 |                       |



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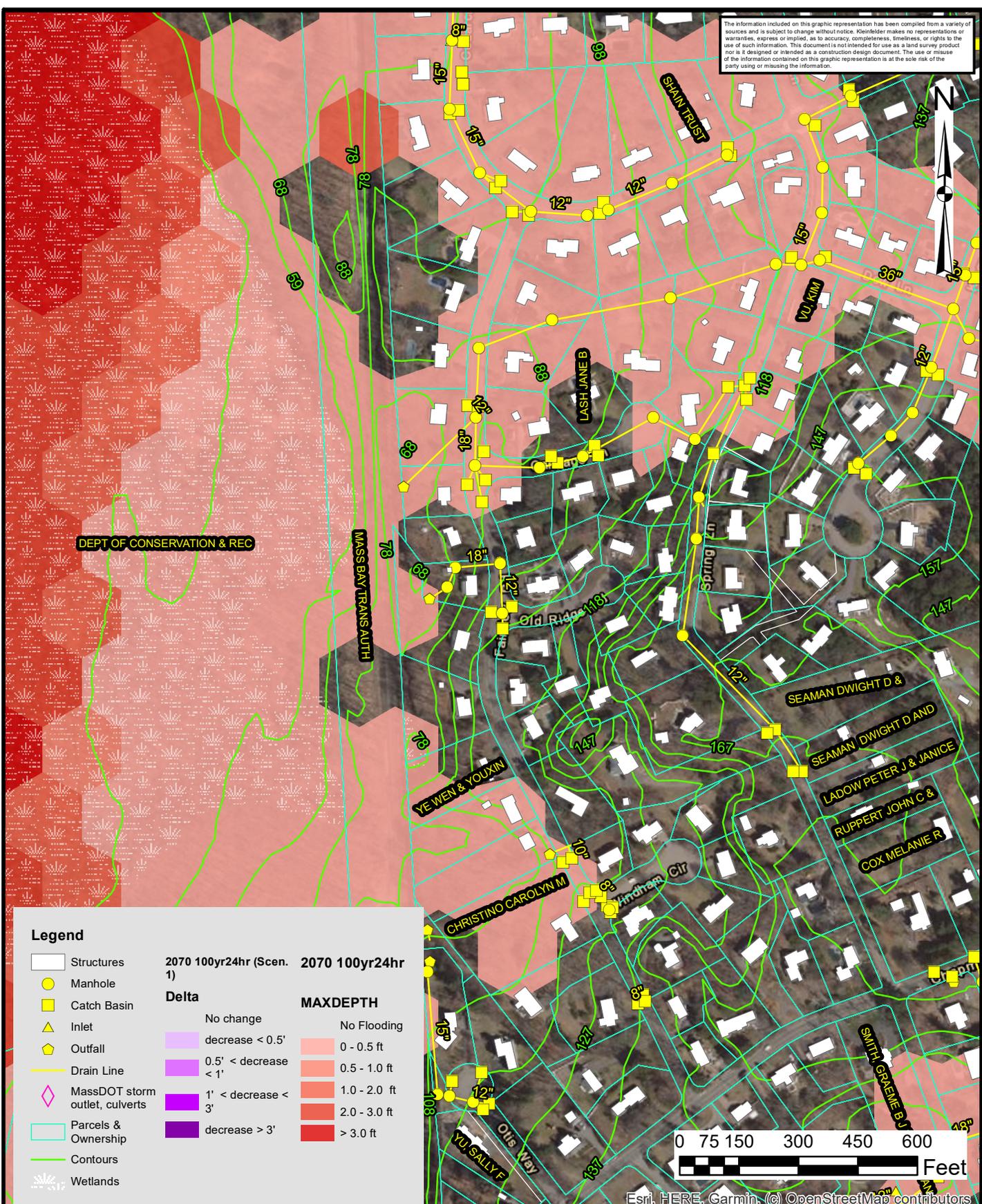
PROJECT NO.	20203163.001A
CREATED:	6/21/2021
CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	Field Maps_KLF_revJune2021_pre and post.mxd

**Cedarcrest and Kings Rd.  
West of JFK School**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**6a**

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**Legend**

- Structures
- Manhole
- Catch Basin
- Inlet
- Outfall
- Drain Line
- MassDOT storm outlet, culverts
- Parcels & Ownership
- Contours
- Wetlands

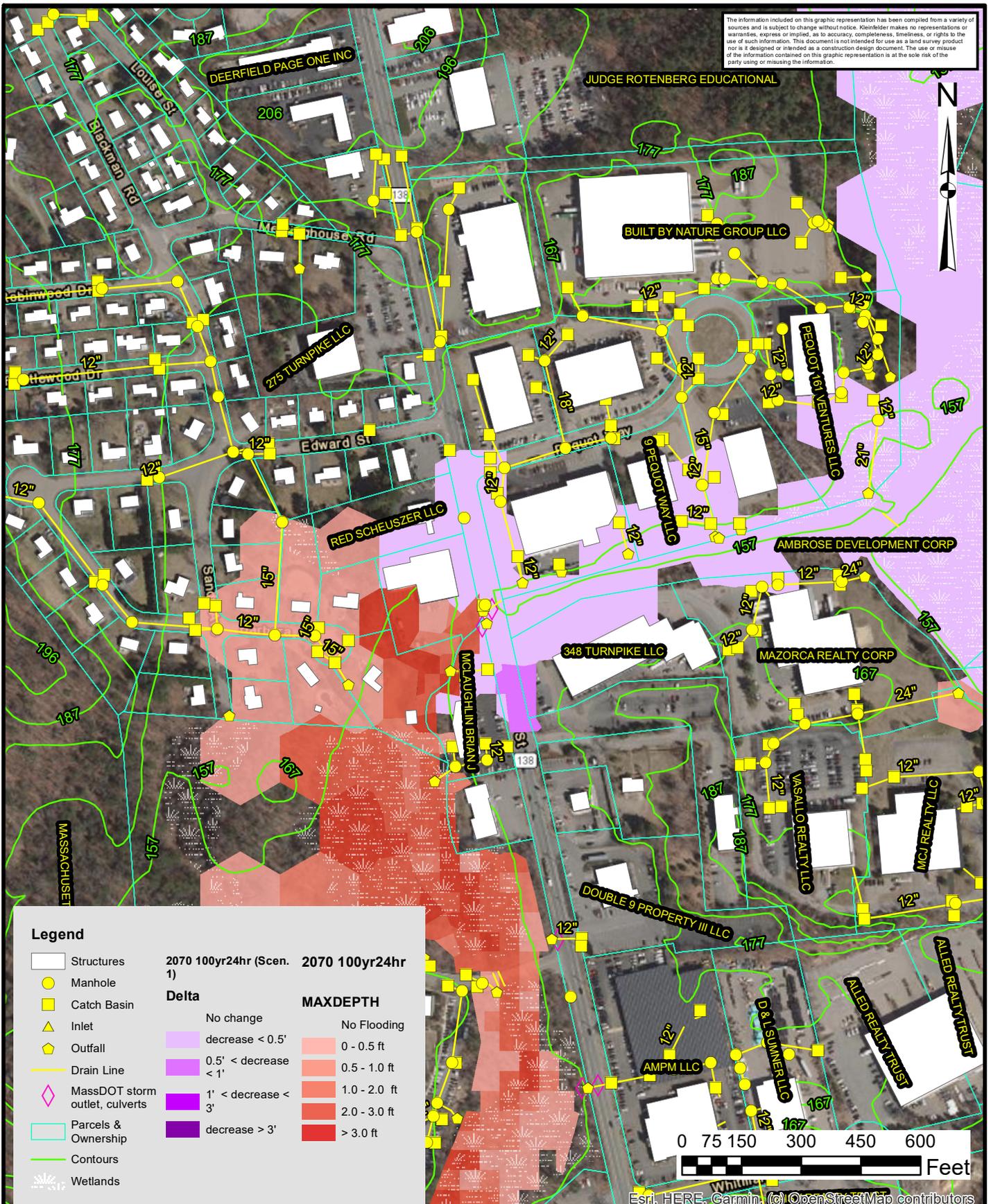
2070 100yr24hr (Scen. 1)	2070 100yr24hr
No change	No Flooding
decrease < 0.5'	0 - 0.5 ft
0.5' < decrease < 1'	0.5 - 1.0 ft
1' < decrease < 3'	1.0 - 2.0 ft
decrease > 3'	2.0 - 3.0 ft
	> 3.0 ft



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<p><b>KLEINFELDER</b> Bright People. Right Solutions. www.kleinfielder.com Field Maps_KLF_revJune2021_pre and post.mxd</p>	PROJECT NO. 20203163.001A	<p><b>Fairview Rd. West of JFK School</b></p>	FIGURE
	CREATED: 6/21/2021		<p>Town of Canton, MA Municipal Vulnerability Preparedness FY20 Action Grant Flooding - Areas of Interest</p>
	CREATED BY: LHowe		
	CHECKED BY: KJohnson		
	FILE NAME:		

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Legend	
	Structures
	Manhole
	Catch Basin
	Inlet
	Outfall
	Drain Line
	MassDOT storm outlet, culverts
	Parcels & Ownership
	Contours
	Wetlands
	2070 100yr24hr (Scen. 1)
	Delta decrease < 0.5'
	0.5' < decrease < 1'
	1' < decrease < 3'
	decrease > 3'
	MAXDEPTH No Flooding
	0 - 0.5 ft
	0.5 - 1.0 ft
	1.0 - 2.0 ft
	2.0 - 3.0 ft
	> 3.0 ft

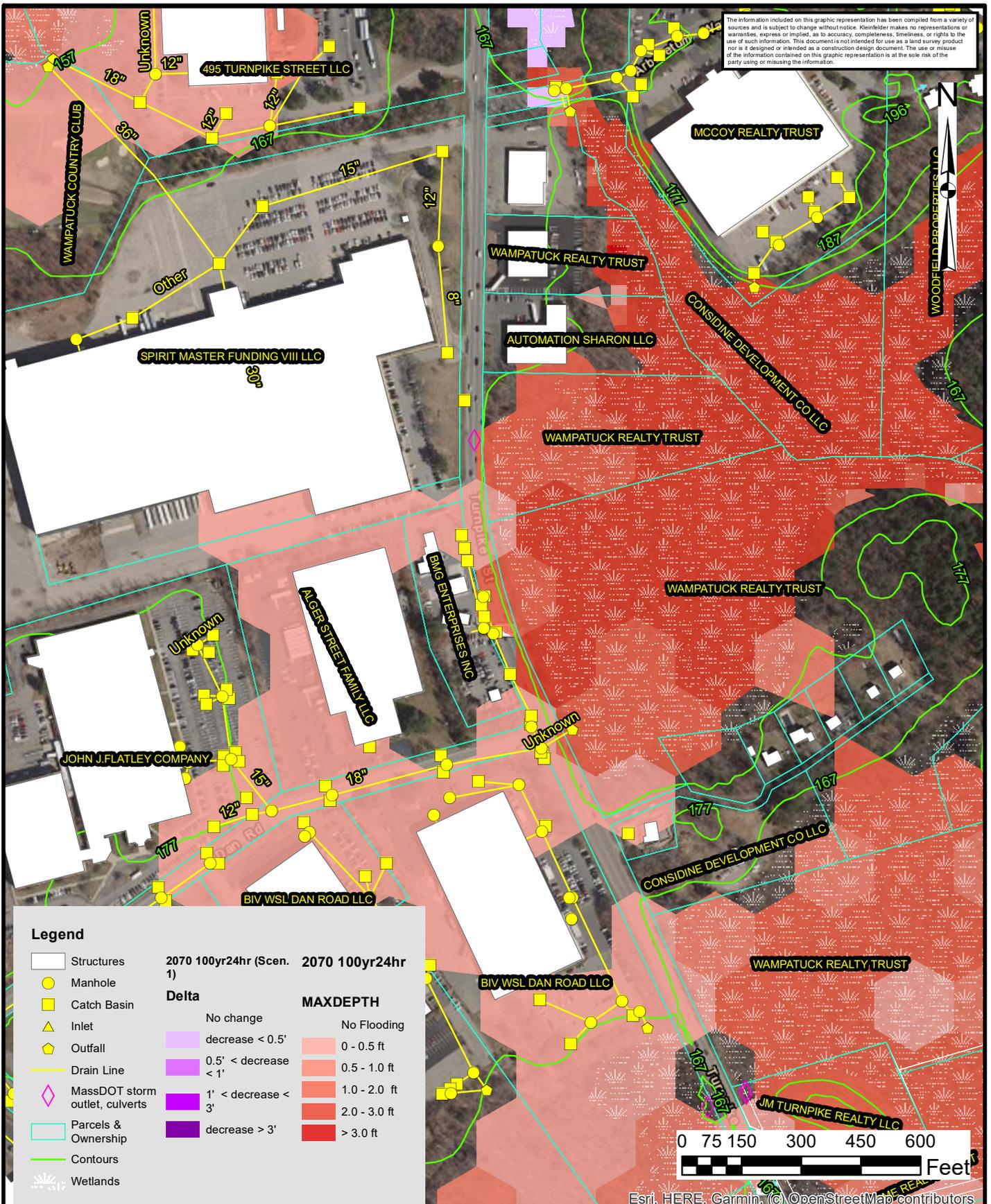
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PROJECT NO.	20203163.001A
CREATED:	6/21/2021
CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	Field Maps_KLF_revJune2021_pre and post.mxd

**Rte 138 / Del Pond Dr.  
Pequit Brook**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

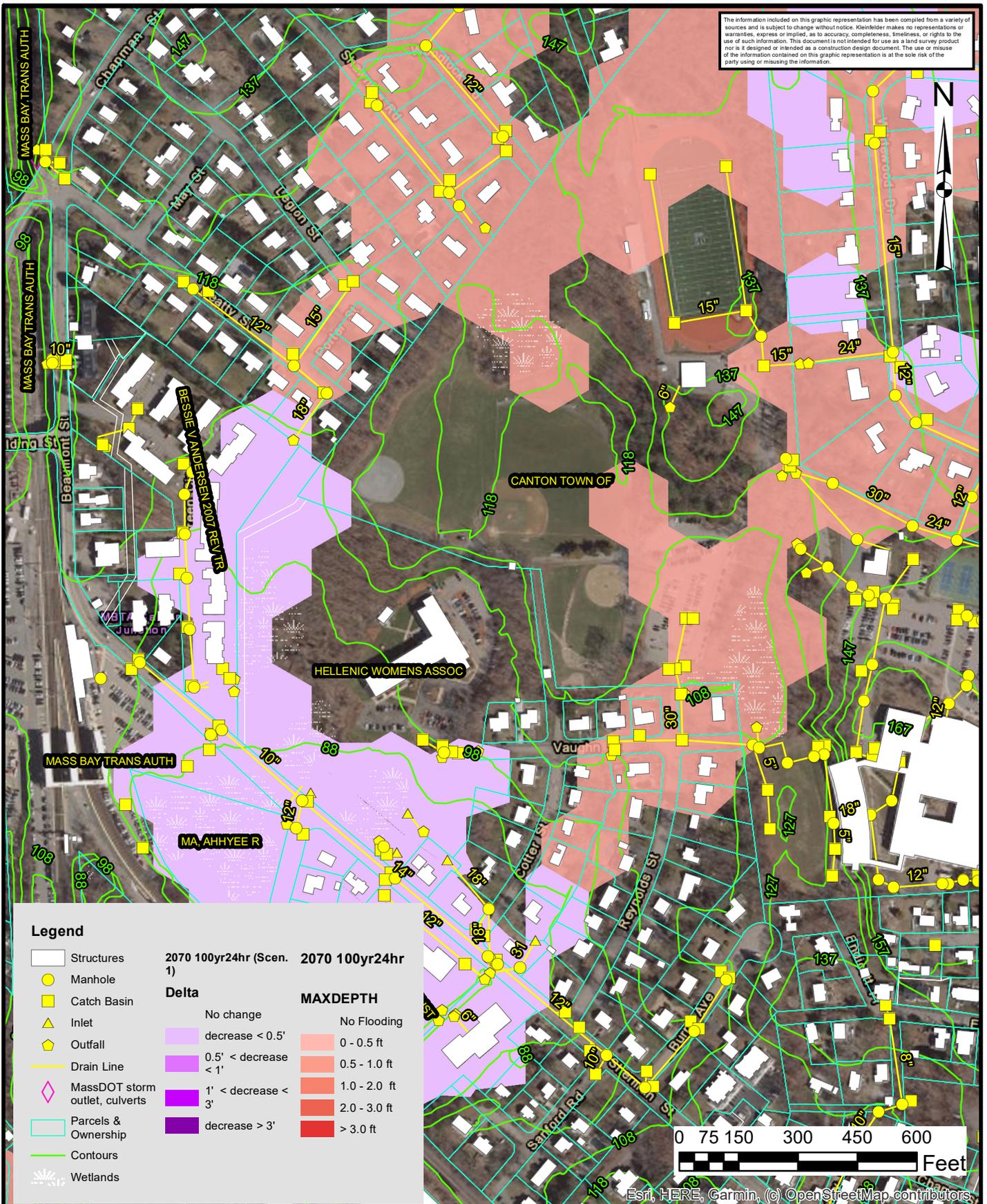
FIGURE  
**7**



<p><b>KLEINFELDER</b> Bright People. Right Solutions. www.kleinfielder.com Field Maps_KLF_revJune2021_pre and post.mxd</p>	PROJECT NO. 20203163.001A	<p><b>Rte 138 / Dan Rd. York Brook</b></p>	<p>FIGURE <b>8</b></p>
	CREATED: 6/21/2021		
	CREATED BY: LHowe	<p>Town of Canton, MA Municipal Vulnerability Preparedness FY20 Action Grant Flooding - Areas of Interest</p>	
	CHECKED BY: KJohnson		
	FILE NAME: Field Maps_KLF_revJune2021_pre and post.mxd		



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**Legend**

- |                                |                          |                 |
|--------------------------------|--------------------------|-----------------|
| Structures                     | 2070 100yr24hr (Scen. 1) | 2070 100yr24hr  |
| Manhole                        | <b>Delta</b>             | <b>MAXDEPTH</b> |
| Catch Basin                    | No change                | No Flooding     |
| Inlet                          | decrease < 0.5'          | 0 - 0.5 ft      |
| Outfall                        | 0.5' < decrease < 1'     | 0.5 - 1.0 ft    |
| Drain Line                     | 1' < decrease < 3'       | 1.0 - 2.0 ft    |
| MassDOT storm outlet, culverts | decrease > 3'            | 2.0 - 3.0 ft    |
| Parcels & Ownership            |                          | > 3.0 ft        |
| Contours                       |                          |                 |
| Wetlands                       |                          |                 |



PROJECT NO.	20203163.001A
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CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	Field Maps_KLF_revJune2021_pre and post.mxd

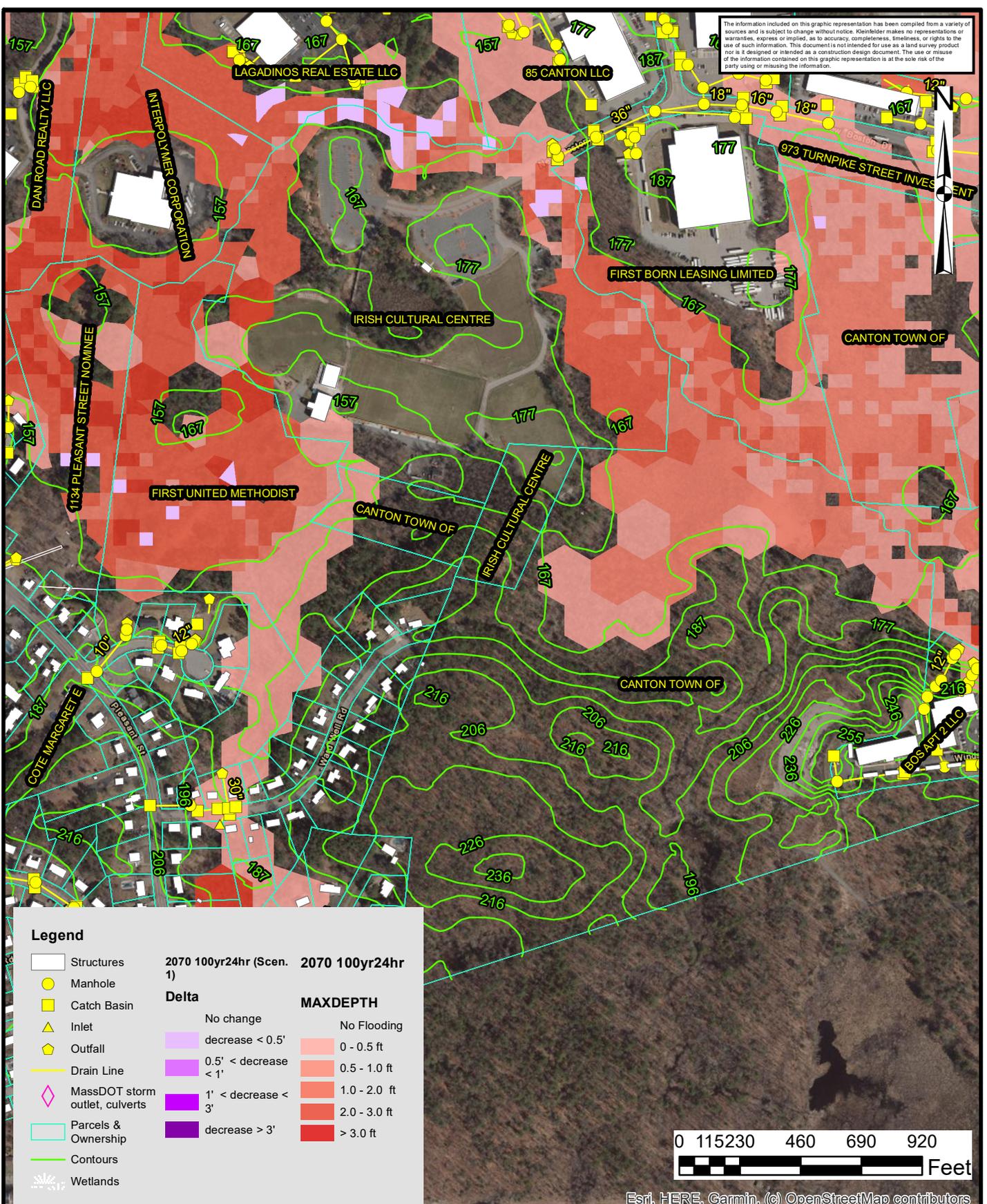
**Sherman St.  
south of Memorial Field**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**10**

Date: 6/21/2021 User: KJohnson Path: \\azrgjstorp01\GIS\_Projects\Client\MA\_Canton\202003163.001A - 2020 MVP Action Grant\Field Maps\_KLF\_revJune2021\_pre and post.mxd

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**Legend**

	Structures	2070 100yr24hr (Scen. 1)	2070 100yr24hr
	Manhole		
	Catch Basin		
	Inlet		
	Outfall		
	Drain Line		
	MassDOT storm outlet, culverts		
	Parcels & Ownership		
	Contours		
	Wetlands		
	<b>Delta</b>		<b>MAXDEPTH</b>
	No change		No Flooding
	decrease < 0.5'		0 - 0.5 ft
	0.5' < decrease < 1'		0.5 - 1.0 ft
	1' < decrease < 3'		1.0 - 2.0 ft
	decrease > 3'		2.0 - 3.0 ft
			> 3.0 ft



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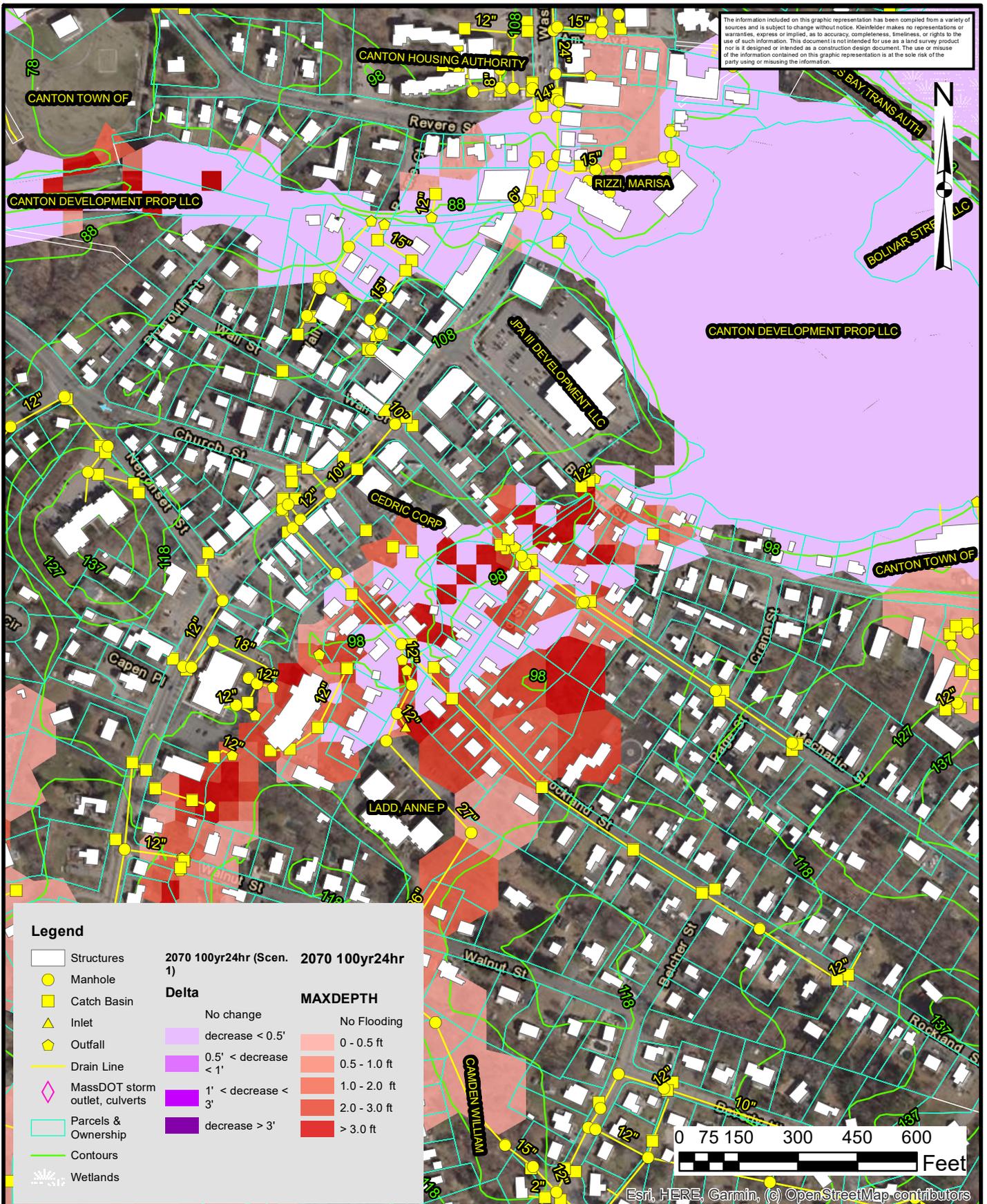


PROJECT NO.	20203163.001A
CREATED:	6/21/2021
CREATED BY:	LHowe
CHECKED BY:	KJohnson
FILE NAME:	Field Maps_KLF_revJune2021_pre and post.mxd

**Town Conservation Land Along Red Wing Brook**

Town of Canton, MA  
Municipal Vulnerability Preparedness FY20 Action Grant  
Flooding - Areas of Interest

FIGURE  
**11**



**Legend**

- |                                |                          |                 |
|--------------------------------|--------------------------|-----------------|
| Structures                     | 2070 100yr24hr (Scen. 1) | 2070 100yr24hr  |
| Manhole                        | <b>Delta</b>             | <b>MAXDEPTH</b> |
| Catch Basin                    | No change                | No Flooding     |
| Inlet                          | decrease < 0.5'          | 0 - 0.5 ft      |
| Outfall                        | 0.5' < decrease < 1'     | 0.5 - 1.0 ft    |
| Drain Line                     | 1' < decrease < 3'       | 1.0 - 2.0 ft    |
| MassDOT storm outlet, culverts | decrease > 3'            | 2.0 - 3.0 ft    |
| Parcels & Ownership            |                          | > 3.0 ft        |
| Contours                       |                          |                 |
| Wetlands                       |                          |                 |

PROJECT NO. 20203163.001A  
 CREATED: 6/21/2021  
 CREATED BY: LHowe  
 CHECKED BY: KJohnson  
 FILE NAME: Field Maps\_KLF\_revJune2021\_pre and post.mxd

**Bolivar St., Rockland St., and Howard St.  
 Massapoag Brook**

Town of Canton, MA  
 Municipal Vulnerability Preparedness FY20 Action Grant  
 Flooding - Areas of Interest

FIGURE  
**12**

