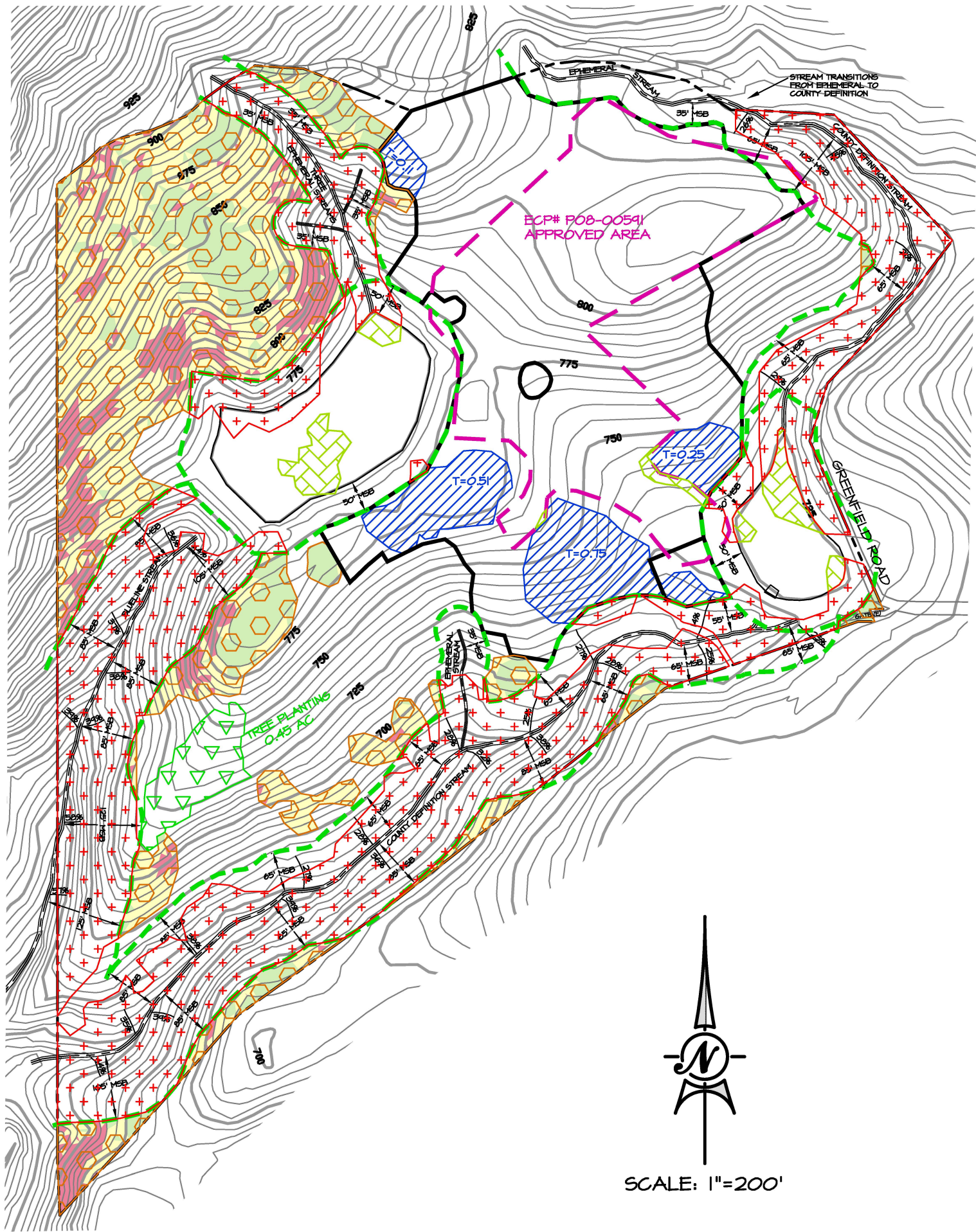




LEGEND

- POST 1993 TREE CANOPY REMOVAL (0.49 AC)
- POTENTIAL TREE CANOPY PRESERVATION (7.13 AC)
- TREE CANOPY INSIDE SETBACK (10.43 AC)
- TREE CANOPY PLANTING (0.45 AC)
- TREE CANOPY REMOVAL (1.62 AC)
- APPROVED AREA
- PROPOSED VINEYARD AREA
- SETBACK BOUNDARY

SLOPE ANALYSIS OF POST PROJECT REMAINING TREE AREA OUTSIDE SETBACKS				
Number	Minimum Slope	Maximum Slope	Color	Area
1	0.00%	30.00%		1.61
2	30.00%	50.00%		4.27
3	50.00%	Vertical		1.25

TOTAL POTENTIAL TREE PRESERVATION AREA = 5.88 AC.

70% TREE RETENTION	
Total Trees	19.67 Ac.
70% Tree Retention	11.80 Ac.

Total Trees	19.67 Ac.
Post '93 Removal	0.49 Ac.
Proposed Removal, Vineyard	1.62 Ac.
Retained Trees	17.56 Ac.

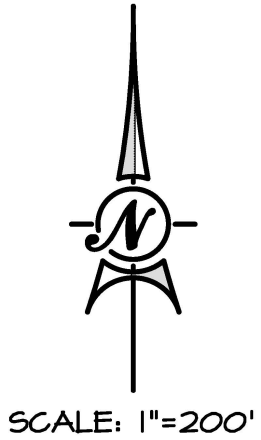
3:1 TREE MITIGATION	
Proposed Tree Removal	1.62 Ac.
Post '93 Removal	0.49 Ac.
3:1 Mitigation Ratio	6.33 Ac.

Total Trees	19.67 Ac.
Post '93 Removal	0.49 Ac.
Proposed Removal, Vineyard	1.62 Ac.
Trees Inside Setback	10.43 Ac.
Trees On >50% Slopes	1.25 Ac.
Available For Preservation	5.88 Ac.

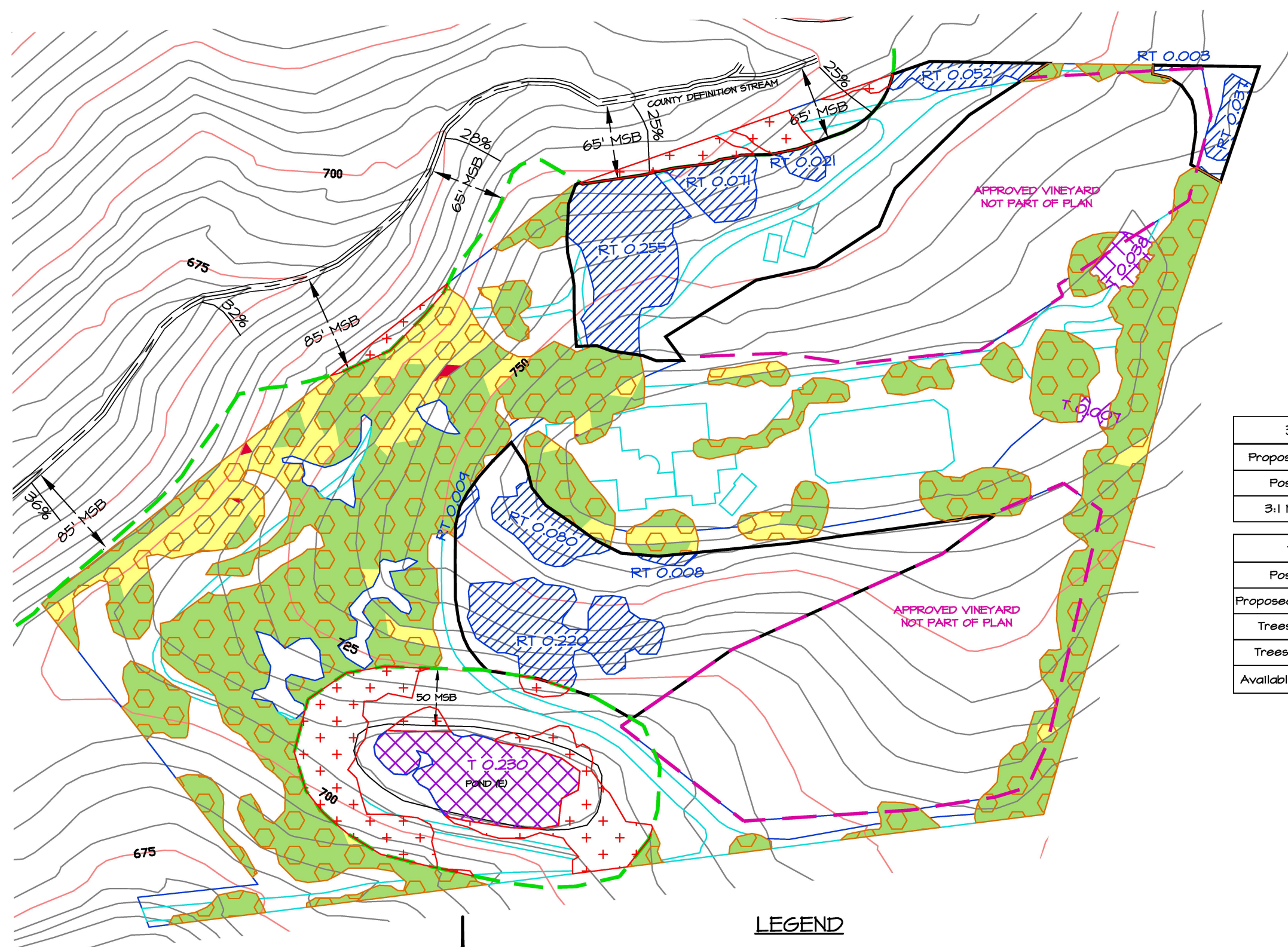
Trees To be Preserved	5.88 Ac.
Trees To Be Planted	0.45 Ac.
Total Tree Mitigation	6.33 Ac.

40% GRASS RETENTION	
Total Grass	16.92 Ac.
40% Grass Retention	6.77 Ac.

Total Grass	16.92 Ac.
Proposed Removal, Vineyard	3.19 Ac.
Post '93 Removal	6.50 Ac.
Addition Removal For Tree Planting	0.45 Ac.
Retained Grass	6.78 Ac.



MOSHKELANI FAMILY VINEYARDS, LLC
 805 GREENFIELD ROAD
 APN: 025-390-009
 3:1 TREE MITIGATION MAP



Slope Analysis Of Post Project Remaining Tree Area Outside Of Setbacks				
Number	Minimum Slope	Maximum Slope	Color	Area
1	0.00%	30.00%	Green	2.63
2	30.00%	50.00%	Yellow	0.50
3	50.00%	100.00%	Red	0.01

Total Potential Tree Preservation Area = 3.13 AC.

3:1 TREE MITIGATION	
Proposed Tree Removal	0.76 Ac.
Post '93 Removal	0.28 Ac.
3:1 Mitigation Ratio	3.12 Ac.

Total Trees	4.68 Ac.
Post '93 Removal	0.28 Ac.
Proposed Removal, Vineyard	0.76 Ac.
Trees Inside Setback	0.50 Ac.
Trees On >50% Slopes	0.01 Ac.
Available For Preservation	3.13 Ac.

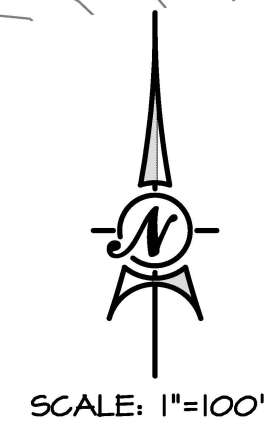
70% TREE RETENTION	
Total Trees	4.68 Ac.
70% Tree Retention	3.28 Ac.

Total Trees	4.68 Ac.
Post '93 Removal	0.28 Ac.
Proposed Removal, Vineyard	0.76 Ac.
Retained Trees	3.64 Ac.

40% GRASS RETENTION	
Total Grass	2.93 Ac.
40% Grass Retention	1.17 Ac.

Total Grass	2.93 Ac.
Proposed Removal, Vineyard	1.14 Ac.
Post '93 Removal	0.16 Ac.
Retained Grass	1.63 Ac.

TREE AREA BASED ON 1993 PHOTO



NAPA COUNTY GIS DATA BASE

LEGEND	
	POST 1993 TREE CANOPY REMOVAL (0.28 AC)
	POTENTIAL TREE CANOPY PRESERVATION (3.14 AC)
	TREE CANOPY INSIDE SETBACK (0.50 AC)
	TREE CANOPY REMOVAL (0.76 AC)
	APPROVED AREA
	PROPOSED VINEYARD AREA
	SETBACK BOUNDARY

MOSHKELANI FAMILY VINEYARDS, LLC
 805 GREENFIELD ROAD
 APN: 025-380-016
 Mitigation Map

NYVE 7-18-22 RI