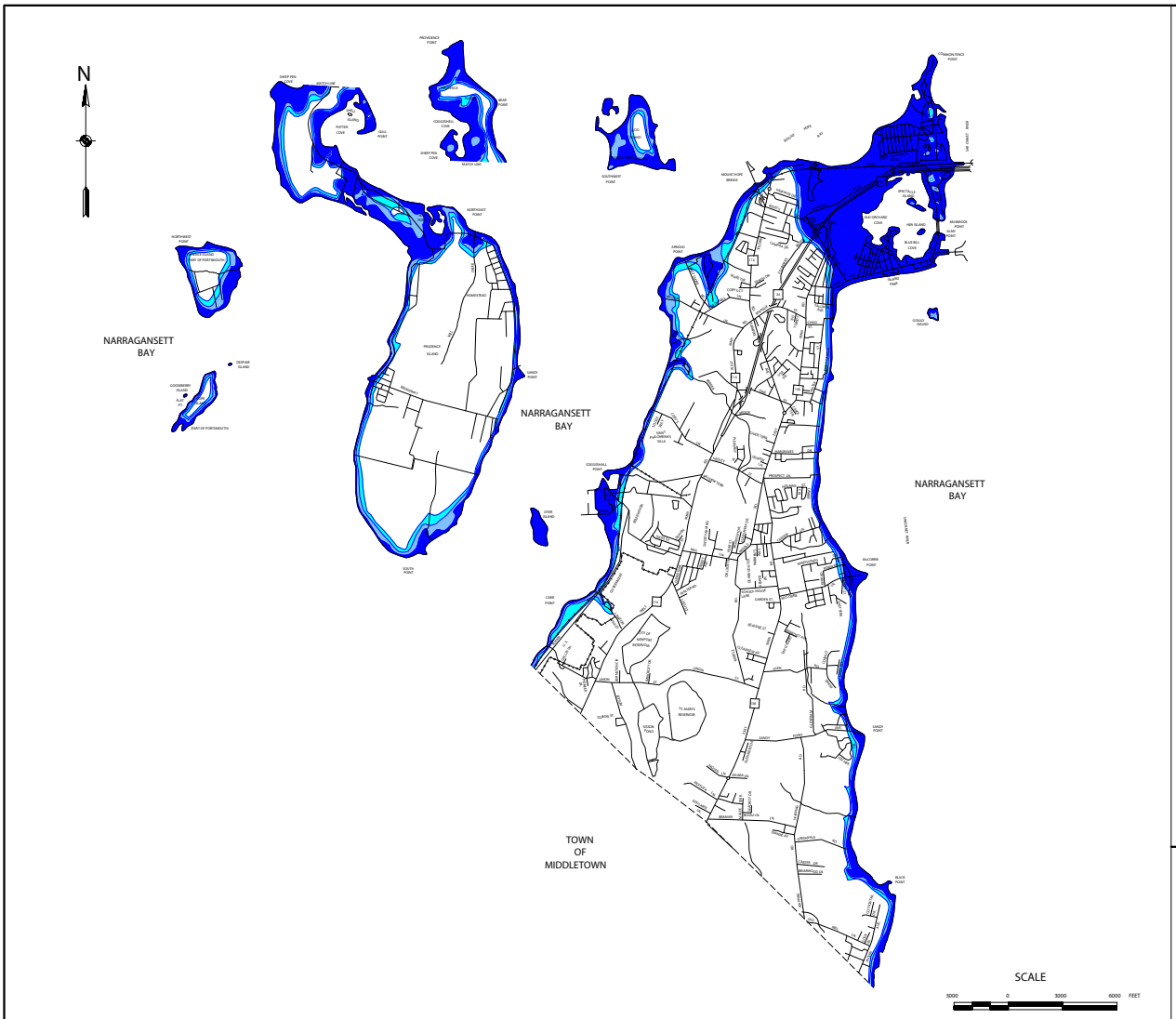

LEGEND

INUNDATION MATRIX

HURRICANE FORWARD SPEED (MPH)

HURRICANE CATEGORY	0-20	21-40	41+
1&2			
3			
4			

HURRICANE INUNDATION AREAS

- Inundation Area A
- Inundation Area B
- Inundation Area C

NOTES:

1. Inundation areas were derived from the National Hurricane Center's application of the SLOSH (Sea, Lake and Overland Surges from Hurricanes) model. Inundation areas reflect "WORST CASE" combinations of hurricane direction, forward speed, landfall point, and high astronomical tide.

2. Hurricane categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity.

3. Shaded land areas represent areas with coastal flooding potential from hurricanes of the categories and forward speeds referenced by the inundation matrix shown above. Inland areas that may only be subjected to freshwater flooding are not identified.

LOCATION MAP

STATE OF RHODE ISLAND
HURRICANE EVACUATION STUDY
INUNDATION MAP

TOWN OF PORTSMOUTH
COUNTY OF NEWPORT

Prepared by the U.S. Army Corps of Engineers, New England Division in cooperation with the Federal Emergency Management Agency, Region I for the Rhode Island Emergency Management Agency.

PLATE I-15

Portsmouth - cat2 - Inundation