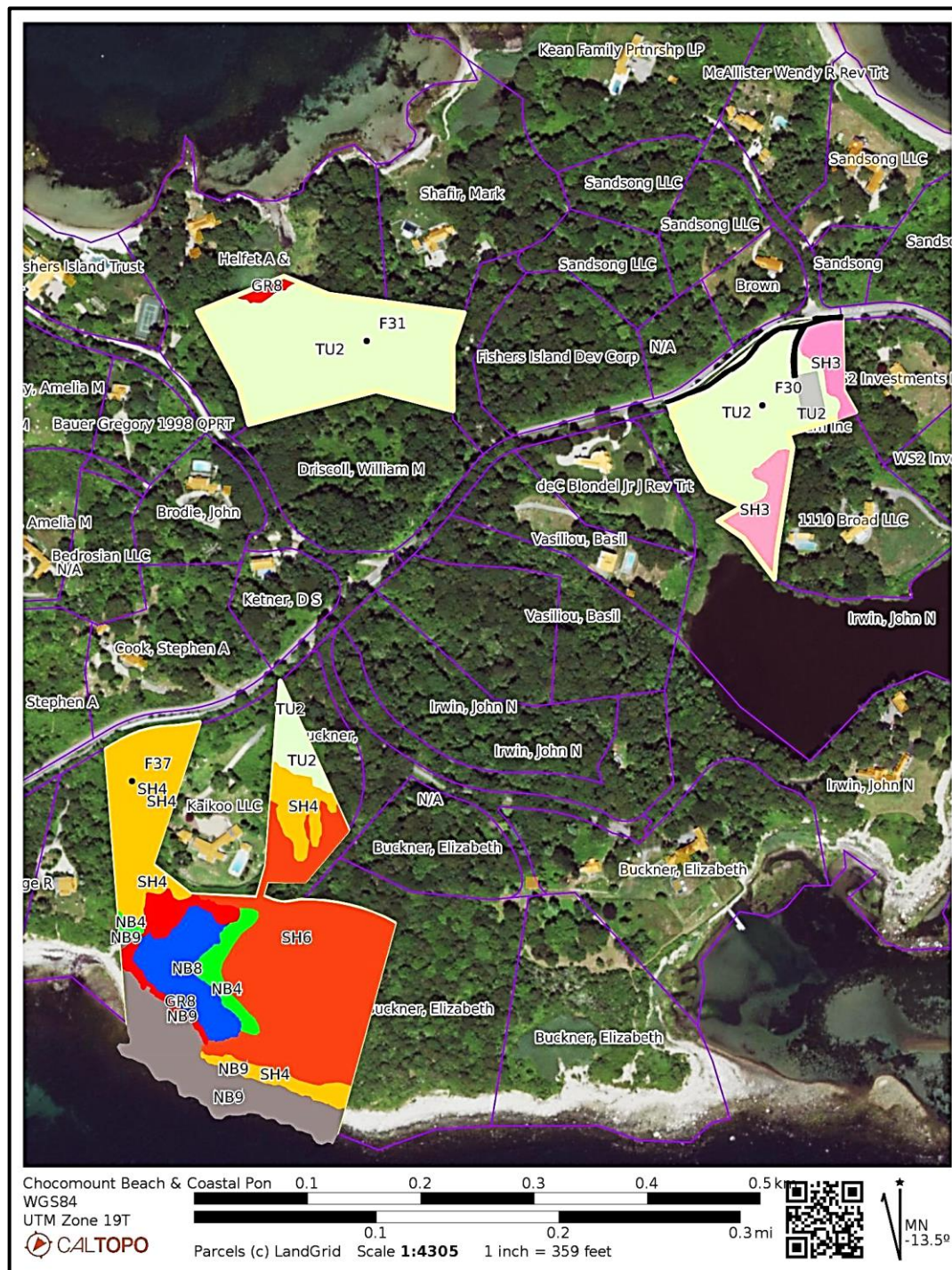


CHOCOMOUNT BEACH AND COASTAL POND

These south shore parcels with Maritime Scrub patches are some of the hottest fuels on Fishers Island, and Parcel F37 is another example of that. F37 is a very shrubby parcel that surrounds an estate house with a wide, surrounding mowed lawn. The adjacent private property to the west has similar fuels, but there is open lawn defensible space around the house. To the east the adjacent Buckner properties have similar continuous brushy fuels, but once again defensive mowed lawn space around structures. Parcel F37 is considered a high wildfire risk in this study, but once again it is likely that the actual fire behavior is over-predicted by the selected fuel model and that these scrub/shrub fuels will only burn under extremely dry weather conditions. This location is out of alignment with prevailing winds, but given its south aspect sun will be able to warm the timbered shrubs during most of the prime burn period and will also help generate an on shore sea breeze. Saying all that; a) there is no fire history in these Maritime Shrub/Scrub ecotones on Fishers Island and b) these habitats are identified in the Fire Effects Information System of having a very long Fire Return Interval. F37 is rated high for wildfire risk.

F31 is a low risk timbered fuel model with the exception of a patch of high risk phragmites in the NW corner at the edge of an adjacent marsh. This patch is hemmed in by the wet marsh and adjacent low risk timbered fuels.

Parcel F30 is a low risk combination of timbered fuels and timbered shrub fuels.



PARCEL	WILDFIRE RISK
F37	HIGH
F31	LOW
F30	LOW

Fuel Models Present / Wildfire Risks

Fuel Model	Fuel Type	Risk
GR8	Grass	High
SH3	Shrub	Low
SH4	Shrub	Mod
SH6	Shrub	High
TU2	Timber	Low
NB1	No Burn	N/A
NB4	No Burn	N/A
NB9	No Burn	N/A

F37

PARCEL	WILDFIRE RISK
F37	HIGH

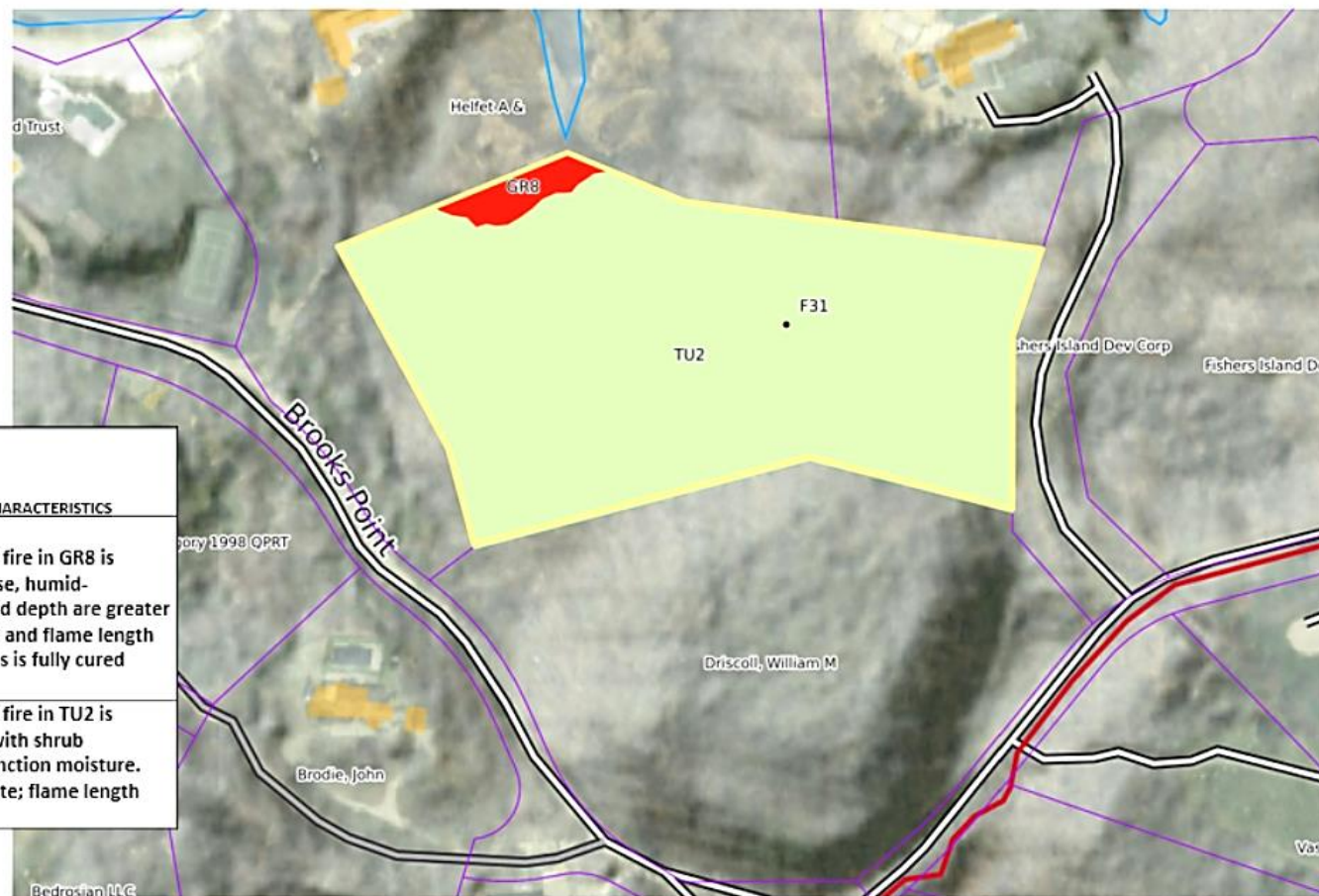
FUEL MODEL	FUEL NAME	DESCRIPTION / CHARACTERISTICS
GR8	High Load, Very Coarse, Humid Climate Grass (Dynamic)	The primary carrier of fire in GR8 is continuous, very coarse, humid-climate grass. Load and depth are greater than GR6. Spread rate and flame length can be extreme if grass is fully cured
TU2	Moderate Load, Humid Climate Timber-Shrub	The primary carrier of fire in TU2 is moderate litter load with shrub component. High extinction moisture. Spread rate is moderate; flame length low.
SH4	Low Load, Humid Climate Timber-Shrub	The primary carrier of fire in SH4 is woody shrubs and shrub litter. Low to moderate shrub and litter load, possibly with pine overstory, fuel bed depth about 3 feet. Spread rate is high; flame length moderate.
SH6	Low Load, Humid Climate Shrub	The primary carrier of fire in SH6 is woody shrubs and shrub litter. Dense shrubs, little or no herbaceous fuel, fuelbed depth about 2 feet. Spread rate is high; flame length high
NB4	Nonburnable Swamp / Marsh / Vineland	Will not burn except during extreme drought
NB8	Nonburnable Lake / Open Water	Will not burn
NB9	Nonburnable Beach / Rock	Will not burn, no fuel.



F31

PARCEL	WILDFIRE RISK
F31	LOW

FUEL MODEL	FUEL NAME	DESCRIPTION / CHARACTERISTICS
GR8	High Load, Very Coarse, Humid Climate Grass (Dynamic)	The primary carrier of fire in GR8 is continuous, very coarse, humid-climate grass. Load and depth are greater than GR6. Spread rate and flame length can be extreme if grass is fully cured
TU2	Moderate Load, Humid Climate Timber-Shrub	The primary carrier of fire in TU2 is moderate litter load with shrub component. High extinction moisture. Spread rate is moderate; flame length low.



F31
WGS84
UTM Zone 19T
CALTOPO

Parcels (c) LandGrid

Scale 1:1734
0.1 mi
1 inch = 145 feet



F30

PARCEL	WILDFIRE RISK
F30	LOW

FUEL MODEL	FUEL NAME	DESCRIPTION / CHARACTERISTICS
TU2	Moderate Load, Humid Climate Timber-Shrub	The primary carrier of fire in TU2 is moderate litter load with shrub component. High extinction moisture. Spread rate is moderate; flame length low.
SH3	Moderate Load, Humid Climate Shrub	The primary carrier of fire in SH3 is woody shrubs and shrub litter. Moderate shrub load, possibly with pine overstory or herbaceous fuel, fuel bed depth 2 to 3 feet. Spread rate is low; flame length low

