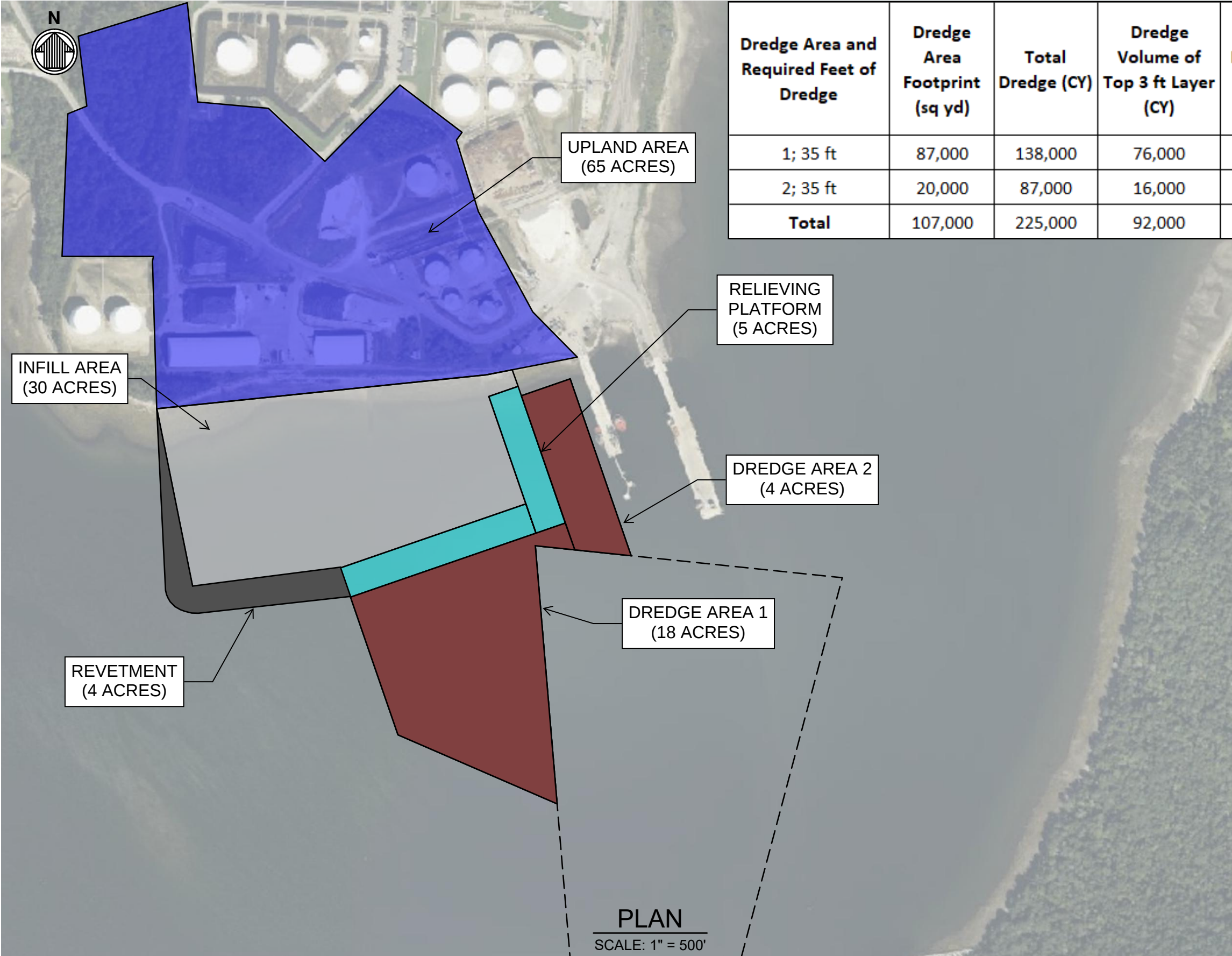


Attachment C

Summary of Design Investigation to Minimize Dredging at Mack Point



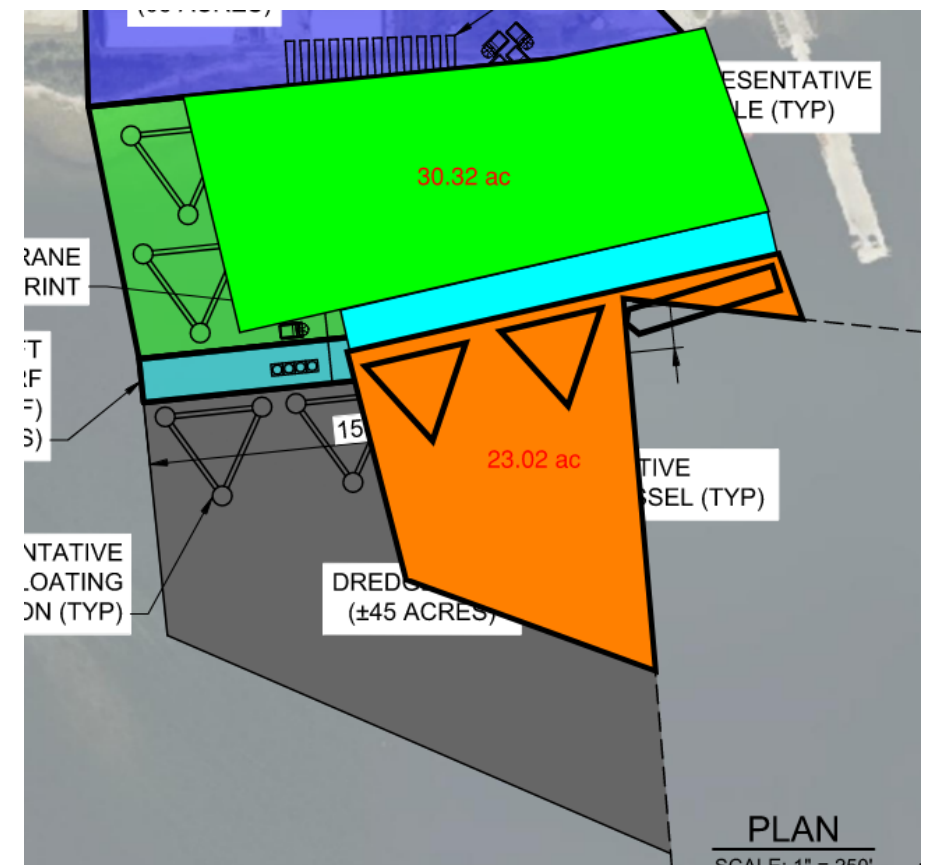
Dredge Area and Required Feet of Dredge	Dredge Area Footprint (sq yd)	Total Dredge (CY)	Dredge Volume of Top 3 ft Layer (CY)	Dredge Volume Below 3 ft Depth up to Glacial Till (CY)	Glacial Till Dredge Volume (CY)	Soft Material (Mud/Muck) (CY)
1; 35 ft	87,000	138,000	76,000	61,200	800	137,200
2; 35 ft	20,000	87,000	16,000	68,000	3,000	84,000
Total	107,000	225,000	92,000	129,200	3,800	221,200

MaineDOT and MPA investigated several port configurations in April 2023 to minimize dredging at Mack Point. The following sheets summarize the results of that investigation.

[illegible]

WHARF
LENGTH
1500 FT

PLAN



WHARF
LENGTH
1500 FT

PLAN

SCALE: 1" = 250'

(65 ACRES)

30.26 ac

1500

22.47 ac

DREDGE AREA (±45 ACRES)

REPRESENTATIVE CELL (TYP)

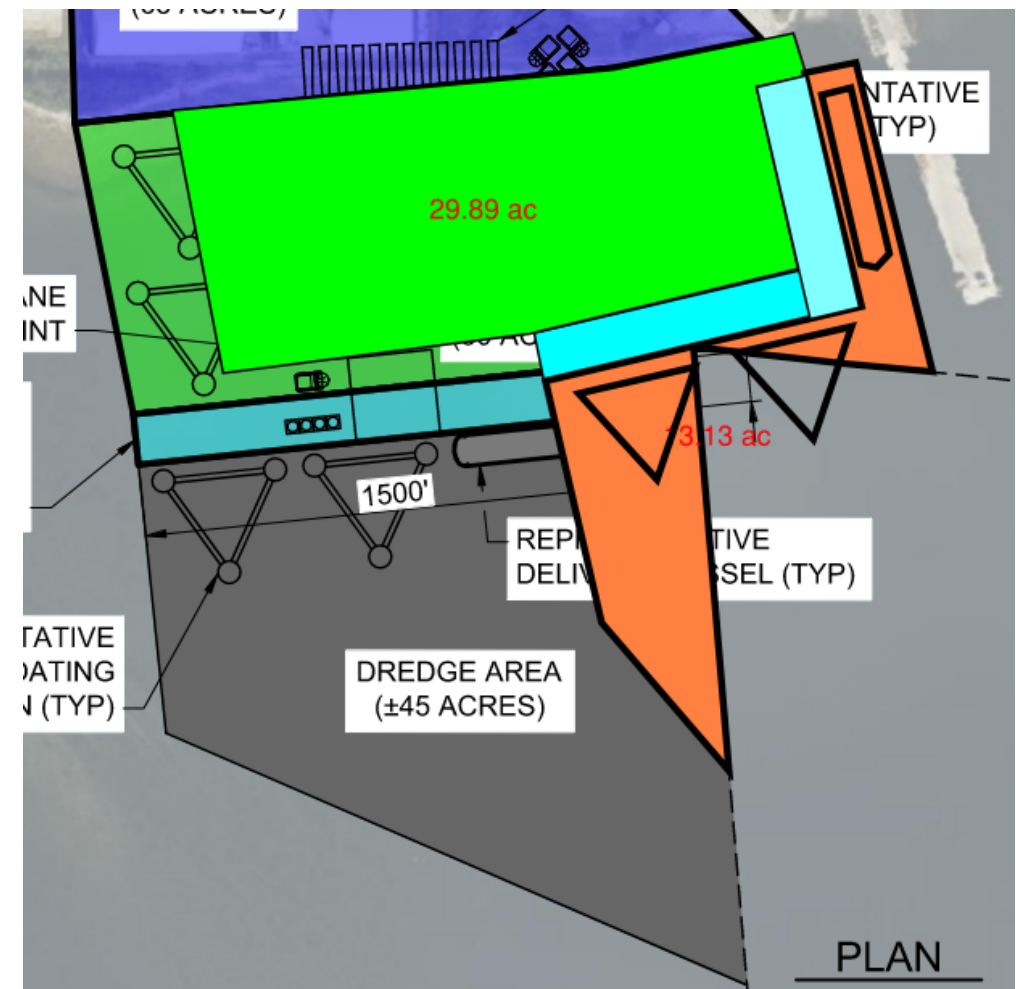
TIVE TING (TYP)

TIVE SEL (TYP)

PLAN

DREDGE AREA
22 ACRES
WHARF
LENGTH
1700 FT

PLAN



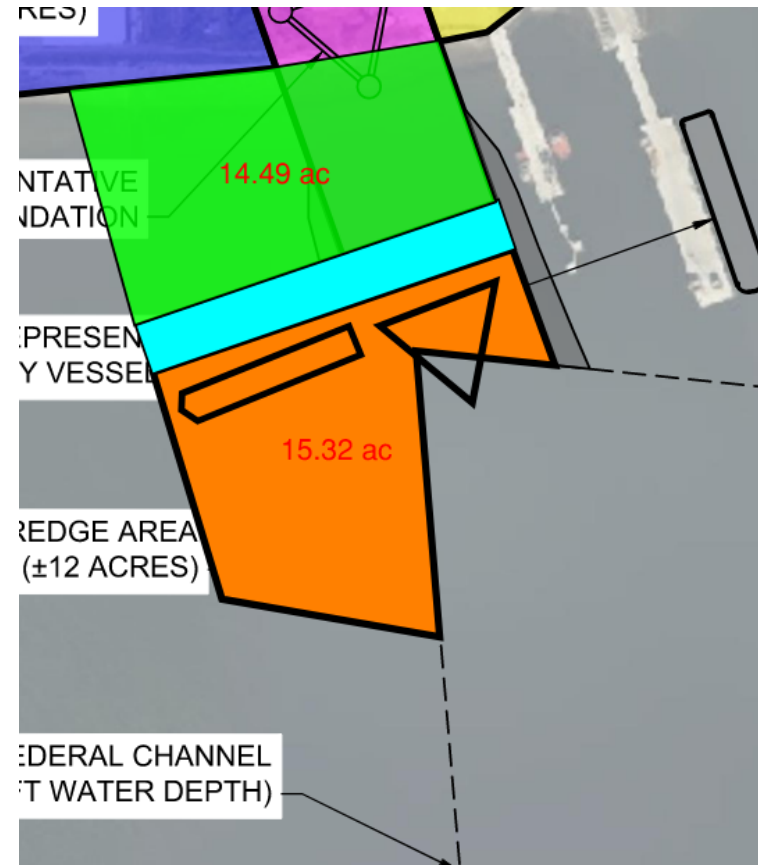
WHARF
LENGTH
1700 FT

PLAN

NO LIQUID BULK DOCK RELOCATION

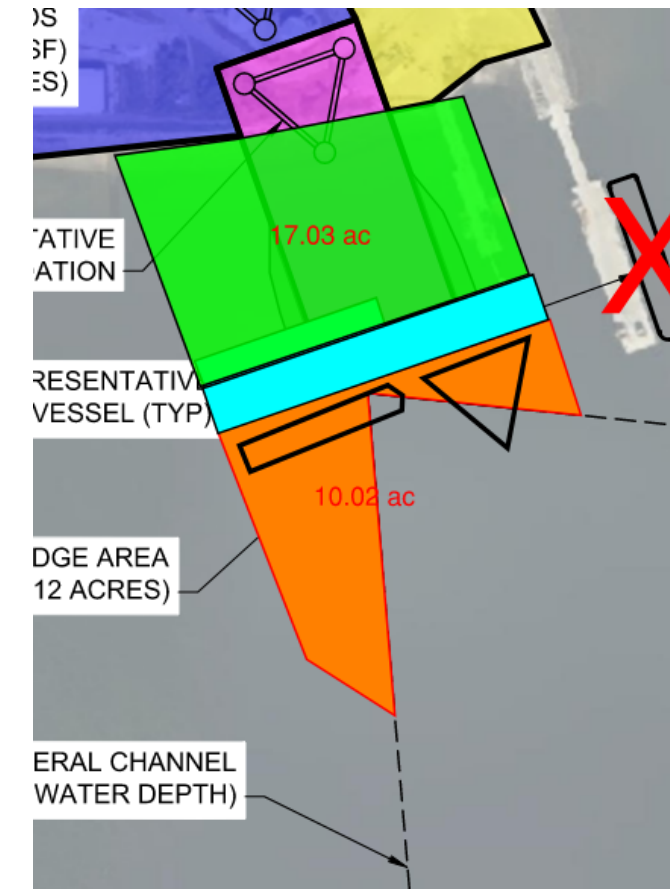
LIQUID BULK DOCK RELOCATION

CONTINUOUS WHARF



DREDGE AREA
15 ACRES

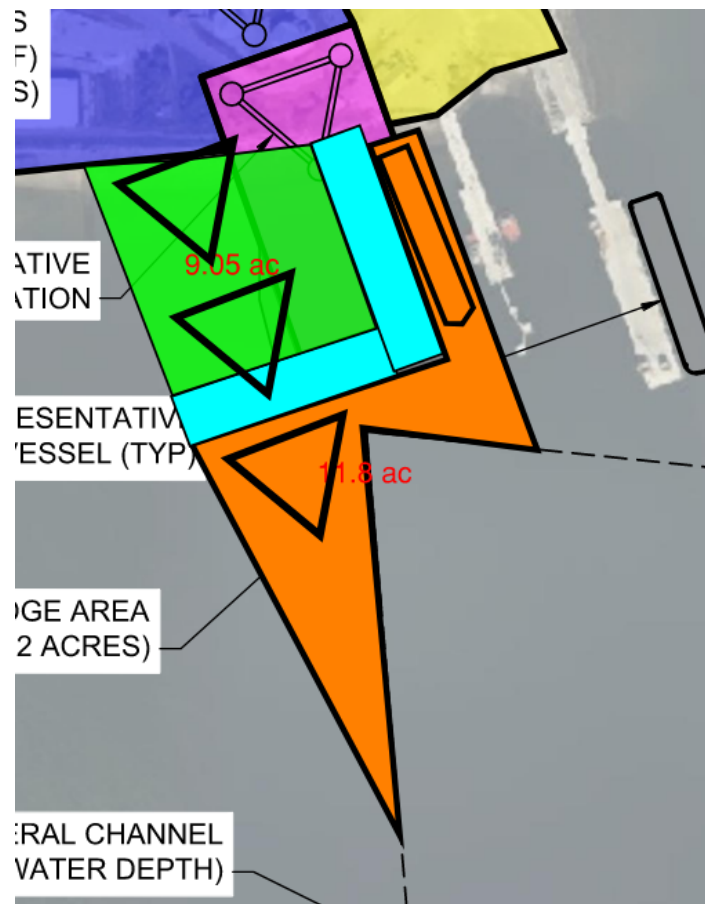
WHARF
LENGTH
1100 FT



DREDGE AREA
10 ACRES

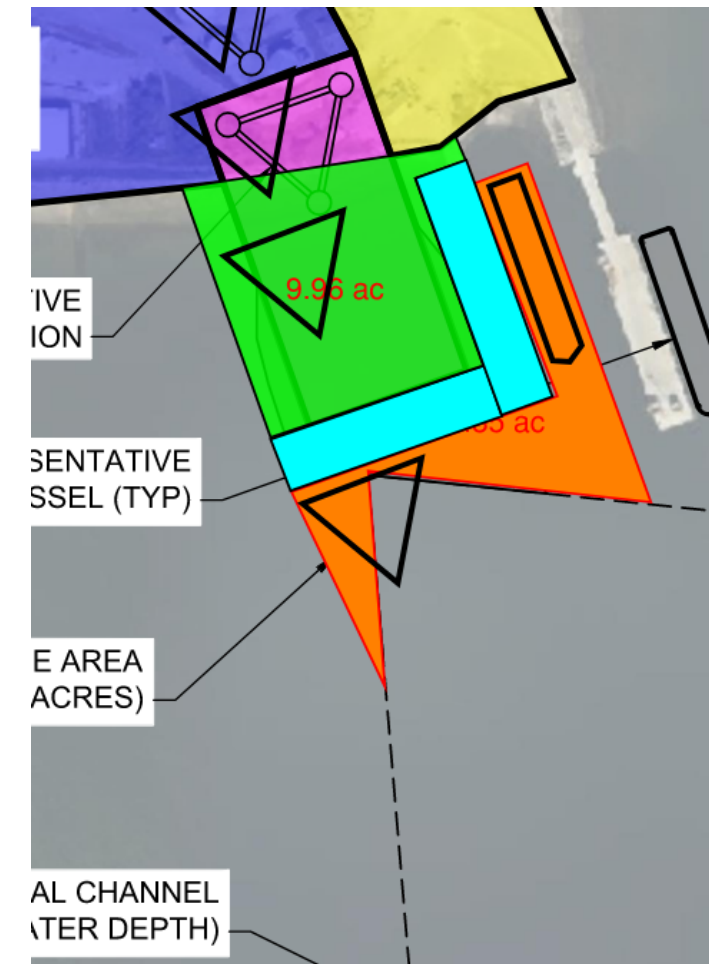
WHARF
LENGTH
1100 FT

WHARF ON EASTERN SIDE



DREDGE AREA
12 ACRES

WHARF
LENGTH
1300 FT



DREDGE AREA
7 ACRES

WHARF
LENGTH
1300 FT