## SURVEY NOTES:

- 1. EXISTING CONDITIONS BASED ON THE FOLLOWING SOURCES:
- 1.1. TOPOGRAPHIC SURVEY BY WRIGHT-PIERCE DURING JANUARY OF 2009.
- 1.2. BOUNDARY SURVEY BY OWEN HASKELL, INC. TITLED "BOUNDARY AT WINSLOW PARK, STAPLES POINT ROAD, FREEPORT, MAINE" AND DATED JULY 23, 2010.
- 1.3. FIELD MEASUREMENTS BY BAKER DESIGN CONSULTANTS DURING AUGUST AND SEPTEMBER OF 2019.
- 2. HORIZONTAL COORDINATE SYSTEM IS MAINE STATE PLANE, NAD 83, WEST ZONE US FOOT.
- 3. VERTICAL DATUM IS ASSUMED BASED ON SURVEY BY WRIGHT-PIERCE. TEMPORARY BENCH MARK PK NAIL SET BY WRIGHT-PIERCE IN PAVED BOAT RAMP AT PARK ENTRANCE, ELEVATION 100.0.
- 4. TIDAL DATUMS CHANGE PERIODICALLY. WORK IS INTENDED TO BE AT OUR ABOVE THE HAT LINE (FACE OF STONE WALL AT TOE OF EMBANKMENT). IF WORK EXTENDS BEYOND THE OUTSIDE FACE OF THE EXISTING STONE SHORELINE STABILIZATION AN UPDATED TOPOGRAPHIC SURVEY IS REQUIRED TO CONFIRM ENCROACHMENT BELOW HAT.

## VEGETATION NOTES:

- 1. EXCAVATION WITHIN DRIPLINES OF EXISTING TREES SHOULD BEGIN AS FAR FROM THE TRUNKS OF THE TREES AS FEASIBLE AND PROGRESS INWARD TOWARDS THE TRUNK. ONCE ROOTS ARE ENCOUNTERED, THE OWNER SHOULD BE NOTIFIED TO REVIEW THEM IN THE FIELD WITH THE CONTRACTOR TO DETERMINE IF FURTHER EXCAVATION BY HAND IS NECESSARY.
- 2. ALL EXPOSED ROOTS IMPACTED BY CONSTRUCTION SHALL BE CUT CLEAN AT EXPOSED ENDS BY STERILIZED PRUNERS OR A HAND SAW PRIOR TO BACKFILL.
- 3. TO THE EXTENT PRACTICAL, OPERATION OF CONSTRUCTION EQUIPMENT AND STORAGE OF CONSTRUCTION MATERIALS OUTSIDE OF TREE DRIPLINES.

PROJECT ELEVATIONS (BY DATUM)					
ELEVATION	CHART	NGVD29	NAVD88	W-P*	Notes
	(ft)	(ft)	(ft)	(ft)	
FEMA Base Flood	20.26	15.65	15.00	110.40	April 14, 2017 Preliminary FEMA Zone VE
FEMA Base Flood	17.61	13.00	12.35	107.75	January 17, 1985 Effective FEMA Zone A2
Highest Annual Tide	11.76	7.15	6.50	101.90	MaineDEP HAT Levels for 2018 "South Freeport"
MHHW	9.91	5.30	4.65	100.05	BASED ON TIDAL STATION BM 8418150 "PORTLAND" CONVERTED TO TIDAL SUBSTATION BM 8417801 "SOUTH FREEPORT"
MHW	9.47	4.86	4.21	99.61	
NAVD88	5.26	0.65	0.00	95.40	
NGVD29	5.92	0.00	-0.65		
MLW	0.35	-4.15	-4.80		
MLLW	0.00	-4.61	-5.26		

\* WRIGHT-PIERCE SURVEY PERFORMED JANUARY 2010 BASED ON AN ASSUMED HORIZONTAL DATUM







