

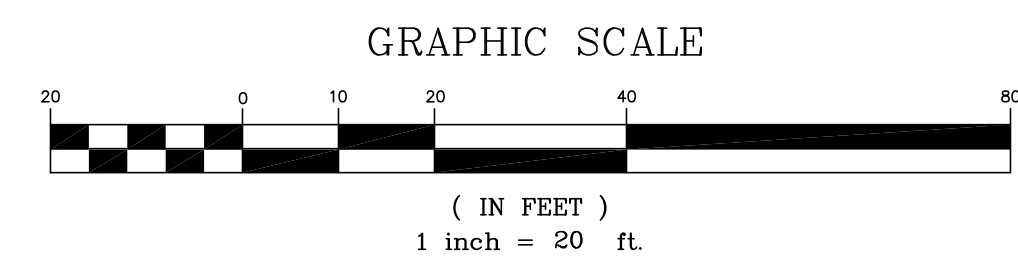
1. THE HORIZONTAL DATUM IS BASED ON NAD-1983 (GRID COORDINATES) AND THE VERTICAL DATUM IS BASED ON NAVD-1988.
2. PROPERTY AND RIGHT-OF-WAY LINES SHOWN ON THESE PLANS WERE BASED ON THE CURRENT TAX MAPS OF THE CITY OF ABSECON, ATLANTIC COUNTY, NEW JERSEY.
3. EXISTING TOPOGRAPHIC CONDITIONS WERE SURVEYED BY REMINGTON, VERNICK & WALBERG ENGINEERS UNDER THE SUPERVISION OF CHARLES E. ADAMSON, N.J.P.S. LICENSE NO. 42627. THE SURVEY WORK WAS COMPLETED ON JULY 24, 2014.
4. TIDAL BENCH MARK TAKEN FROM TIDAL DISK 4540D-1977, TIDAL EPOCH 1966-1984, ELEVATION 5.23.



TIDAL DATUM (NAVD-1988)		
MLLW	MEAN LOWER LOW WATER	-2.65'
MLW	MEAN LOW WATER	-2.51'
MTL	MEAN TIDAL LEVEL	-0.56'
MHW	MEAN HIGH WATER	1.38'
MHHW	MEAN HIGHER HIGH WATER	1.74'
HTL	HIGH TIDE LINE	2.60'

SCALE: 1"= 20'

ITEM NO.	DESCRIPTION	UNIT	BASE BID QUANTITY	ALT. BID QUANTITY	AS-BUILT QUANTITY
3	CLEARING SITE	L.S.	1	1	
4	1-3 SOIL AGGREGATE	C.Y.	455	455	
5	DENSE-GRADED AGGREGATE BASE COURSE, 6" THICK	S.Y.	1,170	1,170	
6	CRUSHED SHELLS, 4" THICK	S.Y.	1,170	1,170	
7	STEEL SHEET PILE BULKHEAD	L.F.	418	418	
8	TIMBER PILE, 12" DIAMETER	L.F.	1,750	1,750	
9	TIMBER SUBSTRUCTURE	S.F.	1,610	0	
10	COMPOSITE DECKING	S.F.	1,610	0	
11	COMPOSITE RAILING	L.F.	356	0	
12	PRECAST CONCRETE BOARDWALK SYSTEM	L.S.	0	1	
13	TIMBER STEPS	L.S.	1	1	
14	STONE SILL	C.Y.	288	288	
15	RIPRAP STONE SLOPE PROTECTION, 12" THICK (D50=6")	S.Y.	31	31	
16	CONCRETE SIDEWALK, 4" THICK	S.Y.	14	14	
17	CONCRETE DRIVEWAY, 6" THICK	S.Y.	76	76	
18	HOT MIX ASPHALT DRIVEWAY, 3" THICK	S.Y.	205	205	
19	GRAVEL PAVERS	S.Y.	67	67	
20	8" x 18" CONCRETE VERTICAL CURB	L.F.	40	40	
21	PRECAST CONCRETE WHEEL STOP	UNIT	32	32	
22	TRAFFIC MARKINGS, LINES, THERMOPLASTIC, 4"	L.F.	45	45	
23	TRAFFIC MARKINGS, LINES, THERMOPLASTIC, 24"	L.F.	40	40	
24	TRAFFIC MARKINGS, SYMBOLS, THERMOPLASTIC	S.F.	12	12	
25	REGULATORY AND WARNING SIGN	S.F.	6	6	
26	BOLLARD	UNIT	4	4	
27	BICYCLE RACK	UNIT	1	1	
28	PEDESTRIAN BENCH	UNIT	2	2	
29	PEDESTRIAN TABLE	UNIT	2	2	
30	TRASH RECEPTACLE	UNIT	1	1	
31	RECYCLING RECEPTACLE	UNIT	1	1	
32	PLANTING SOIL BED, 6" THICK	S.Y.	348	348	
33	SPARTINA ALTERNIFOLIA "SMOOTH CORDGRASS", 2" PLUG, 3' O.C.	S.F.	385	385	
34	JUNCUS GERARDII "BLACK GRASS", 2" PLUG, 12" O.C.	S.F.	2,740	2,740	

1. PURSUANT TO PRELIMINARY FIRM DATA FOR ATLANTIC COUNTY, NEW JERSEY, THE FLOOD HAZARD AREA DESIGN FLOOD ELEVATION FOR THE PROJECT SITE IS 12 NAVD 1988 (ZONES VE 12 AND AE 12). THEREFORE THE ENTIRE PROJECT AREA IS LOCATED WITHIN THE 100 YEAR FLOOD PLAIN.
2. PURSUANT TO A DETERMINATION MADE BY THE NJDEP- DLUR, THREATENED & ENDANGERED SPECIES UNIT, THE ON-SITE FRESHWATER WETLANDS ARE QUALIFIED TO PROVIDE AN EXCEPTIONAL RESOURCE VALUE, WITH AN ASSOCIATED BUFFER OF 150LF. THE ENTIRE PROJECT AREA IS LOCATED WITHIN THE FRESHWATER WETLAND BUFFER.
3. IN ORDER TO AVOID ADVERSE IMPACTS TO THE FEDERALLY-LISTED NORTHERN LONG-EARED BAT, ANY NECESSARY DISTURBANCE TO AND/OR REMOVAL OF TREES WITH A DIAMETER-AT-BRIST-HEIGHT OF THREE INCHES AND GREATER SHALL BE COMPLETED PRIOR TO MARCH 1.
4. IN ORDER TO PROTECT THE ANADROMOUS FISHERIES RESOURCE IN ABSECON CREEK, NO GRADING, CONSTRUCTION, CLEARING, OR PILE DRIVING IS PERMITTED WITHIN ANY WATERCOURSE BETWEEN MARCH 1 AND JUNE 30. IF CONSTRUCTION ACTIVITIES ARE REQUIRED DURING THIS TIME PERIOD TO MEET THE PROJECT SCHEDULE, ALL REQUIRED COFERDAMS SHALL BE IN PLACE PRIOR TO MARCH 1.
5. ALL EXISTING PILES, CONCRETE, AND OTHER TIMBER WITHIN THE PROJECT AREA SHALL BE REMOVED TO A DEPTH OF AT LEAST THREE (3) FEET BELOW GRADE AND DISPOSED OF OFF-SITE.



			
REMINGTON, VERNICK & WALBERG ENGINEERS			
845 N. MAIN STREET PLEASANTVILLE , N.J. 08232 (609) 646-7110, FAX (609) 646-7076 WEB SITE ADDRESS : WWW.RVWECO.COM <small>- 24 Hrs (280497) -</small>			
~ENGINEERING EXCELLENCE SINCE 1901~  DATE: <u>1-03-17</u>			
EDWARD J. WALBERG NJ PROFESSIONAL ENGINEER LIC. NO. 37269			
PLAINS WHICH DO NOT BEAR AN EMBOSSED SEAL ARE NOT VALID.			
<p>ALL DOCUMENTS PREPARED BY REMINGTON, VERNICK &amp; WALBERG ENGINEERS ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT.</p> <p>ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY REMINGTON, VERNICK &amp; WALBERG ENGINEERS FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO REMINGTON, VERNICK &amp; WALBERG ENGINEERS AND OWNER SHALL INDemnIFY AND HOLD HARMLESS REMINGTON, VERNICK &amp; WALBERG ENGINEERS FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.</p>			
			BY CHC
			DATE
			REVISION
		No.	
<b>ENLARGED SITE PLAN</b>			
<b>FAUNCE LANDING ROAD</b>			
<b>SHORE PROTECTION IMPROVEMENTS</b>			
		CITY OF ARSECON	NEW JERSEY
		ATLANTIC COUNTY	
DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
G.E.R.	E.D.A.	E.L.W.	AS NOTED
DATE: 1-03-17	JOB No.: 01-01-J-034	SHEET NO.: 5 of 12	
<small>© 1999 Remington-Vernick &amp; Walberg Engineers Inc. All Rights Reserved. Printed in New Jersey. This Drawing is the Property of Remington-Vernick &amp; Walberg Engineers Inc. It is to be used for the project and location specified herein only. Any other use without written permission is prohibited.</small>			