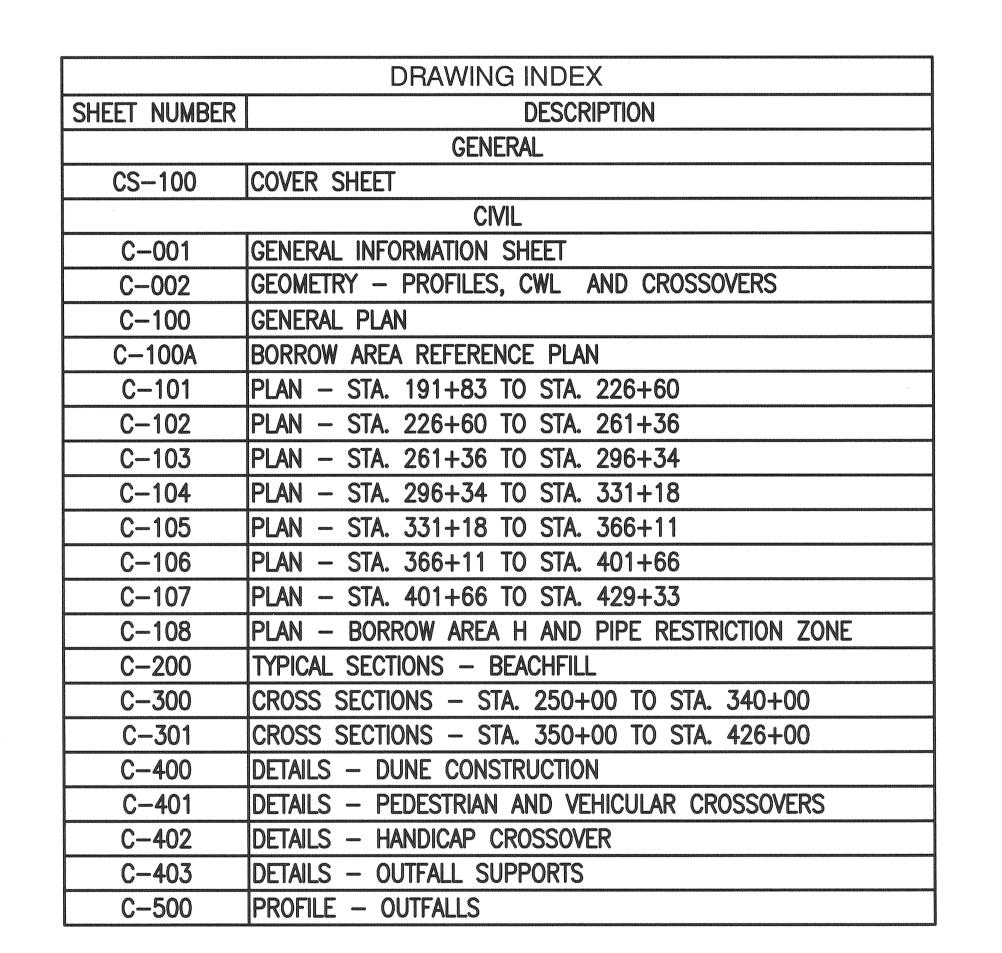
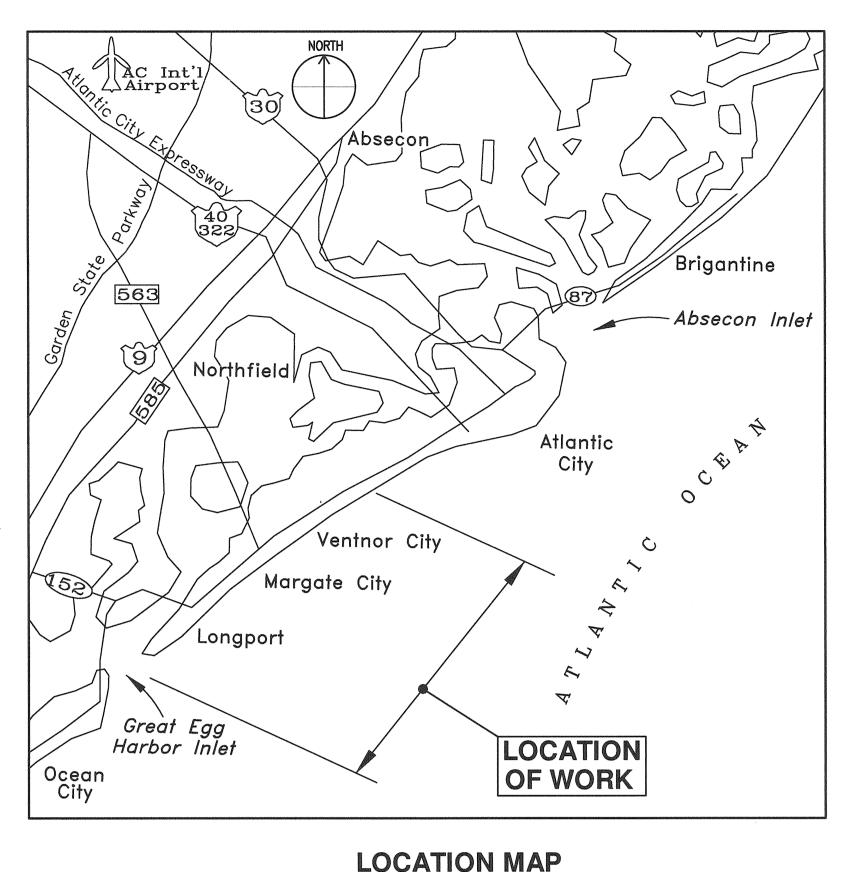
PROJECT LOCATION **VICINITY MAP**

BEACHFILL - COMPLETION OF INITIAL CONSTRUCTION

BRIGANTINE INLET TO GREAT EGG HARBOR INLET ABSECON ISLAND, ATLANTIC COUNTY, NEW JERSEY

IFB W912BU-14-B-0002





LOCATION MAP

SHEET NUMBER

JOSE R. ALVAREZ, P.E. CHIEF, ENGINEERING BRANCH PETER M. TRANCHIK, P.E. CHIEF. ENGINEERING AND CONSTRUCTION DIVISION

THIS PROJECT WAS DESIGNED BY THE SUBMITTED:

PHILADELPHIA DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE

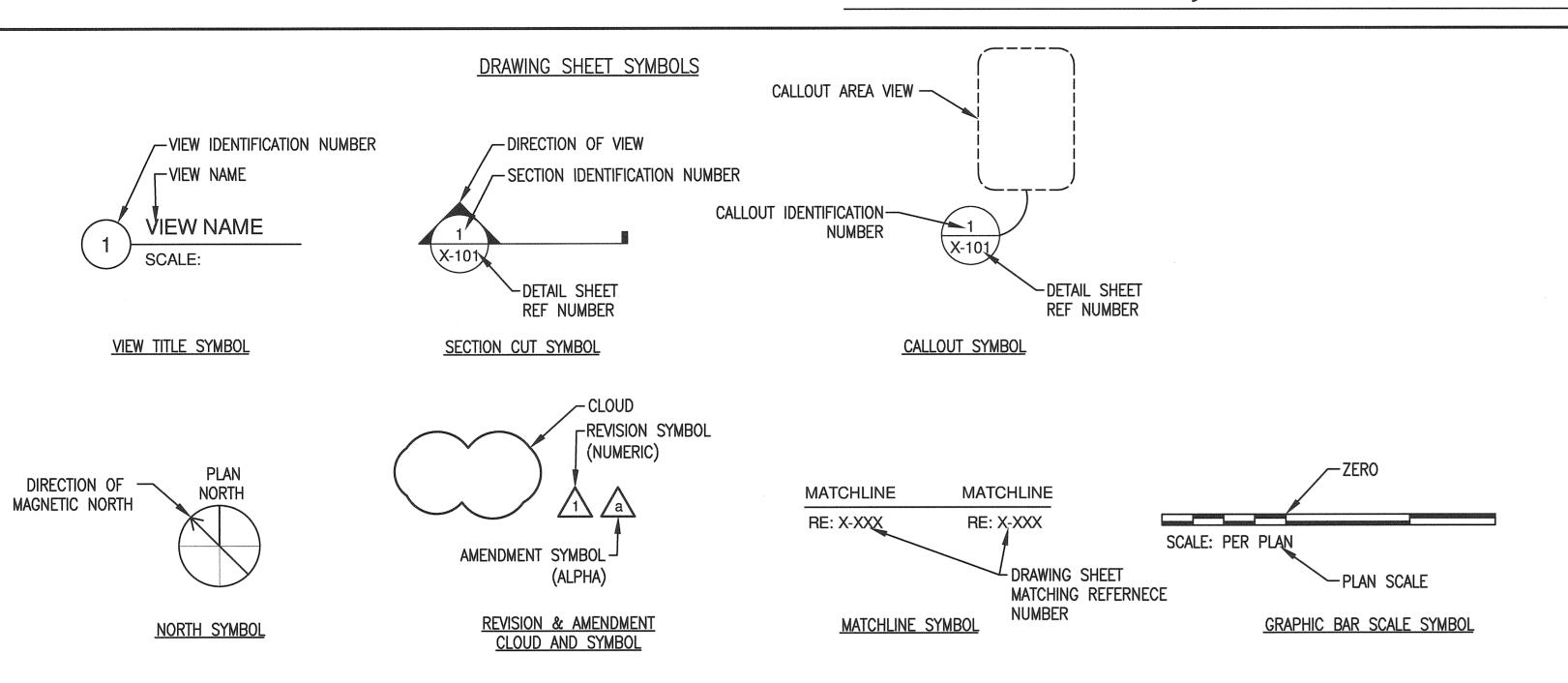
INITIALS OR SIGNATURES AND

REGISTRATION DESIGNATIONS OF

INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS

REQUIRED BY ER 1110-1-8152.

SYMBOLS, ABBREVIATIONS AND GENERAL NOTES



			ABBREVIATIONS		
ABBRV	DESCRIPTION	ABBRV	DESCRIPTION	ABBRV	DESCRIPTION
AD	AREA DRAIN	FF	FINISHED FLOOR	PSI	POUNDS PER SQUARE INCH
ADDL	ADDITIONAL	FIN	FINISH	PVI	POST INDICATOR VALVE
AFF	ABOVE FINISHED FLOOR	FL	FLOOR	RAD	RADIUS
BD	BOARD	FM	FORCE MAIN	REINF	REINFORCEMENT
BIT	BITUMINOUS	FT	FOOT, FEET	REM	REMOVABLE
BL	BASE LINE	FTG	FOOTING	ROW	RIGHT OF WAY
BLDG	BUILDING	G	GROUND	S	SOUTH
BM	BEAM	GOVT	GOVERNMENT	SCH	SCHEDULE
BMP	BEST MANAGEMENT PRACTICE	GR	GRADE	SECT	SECTION
BOT	BOTTOM	HORIZ	HORIZONTAL	SPEC	SPECIFICATION
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION	HS	HIGH STRENGTH	SPRT	SUPPORT
BVCS	BEGINNING OF VERTICAL CURVE STATION	HT	HEIGHT	SQ	SQUARE
CMU	CONCRETE MASONRY UNIT	HVY	HEAVY	SST	STAINLESS STEEL
CO	CLEAN OUT	IN	INCH	STA	STATION
COL	COLUMN	INSUL	INSULATION, INSULATED	STD	STANDARD
CONC	CONCRETE	IINT	INTERIOR	STRUCT	STRUCTURAL
CONSTR	CONSTRUCTION	INV	INVERT	SUSP	SUSPENDED
CONT	CONTINUOUS		LIVE LOAD	SYS	SYSTEM
CTRL	CONTROL	LP	LOW POINT	TEMP	TEMPORARY
CWL	CONTRACTOR WORK LIMITS	LT	LIGHT	TD	TRENCH DRAIN
DET	DETAIL	LVC	LENGTH OF VERTICAL CURVE	TDO	TRENCH DRAIN OUTLET PIPE
DGA	DENSE GRADED AGGREGATE	JCT	JUNCTION	TELE	TELEPHONE
DIA	DIAMETER	MATL	MATERIAL	TOPO	TOPOGRAPHY
DIM	DIMENSION	MAX	MAXIMUM	TYP	TYPICAL
DL	DEAD LOAD	MIN	MINIMUM	UD	UNDERDRAIN
DWG	DRAWING	MISC	MISCELLANEOUS	UDO	UNDERDRAIN OUTLET PIPE
E	EAST	N	NORTH	UE	UNDERGROUND ELECTRIC
EA	EACH	NLT	NOT LESS THAN	UGND	UNDERGROUND
ECM	EROSION CONTROL MAT	NTS	NOT TO SCALE	UNO	UNLESS NOTED OTHERWISE
EJ	EXPANSION JOINT	OC	ORIGINAL CONSTRUCTION	UOP	UNDERDRAIN OUTLET PIPE
EL	ELEVATION	OD	OUTSIDE DIAMETER	UXO	UNEXPLODED ORDINANCE
ELEC	ELECTRIC	ОН	OVERHEAD	VB	VINYL BASE
EOP	EDGE OF PAVEMENT	OPG	OPENING	VC	VERTICAL CURVE
EOS	EDGE OF SHOULDER	OPP	OPPOSITE	VCT	VINYL COMPOSITION TILE
EQ	EQUAL	PC	POINT OF CURVE	VOL	VOLUME
EQUIP	EQUIPMENT	PD	PAVEMENT DRAIN	VERT	VERTICAL
EXH	EXHAUST	PI	POINT OF INFLECTION	VTR	VENT THROUGH ROOF
EXIST	EXISTING	PI	POINT OF INFLECTION	W/	WITH
EXP	EXPANSION, EXPOSED	PIV	POINT OF VERTICAL INFLECTION	W	WEST
EXP JT	EXPANSION JOINT	POT	POINT OF TANGENT	WL	WATER LEVEL
EXT	EXTERIOR	PMP	PROBABLE MAXIMUM PRECIPITATION	WS	WATER SURFACE
FIG	FIGURE SINGLE	PNL	PANEL	W/O	WITHOUT
FDTN	FOUNDATION	PSF	POUNDS PER SQUARE FOOT		

GENERAL NOTES:

- 1. ELEVATIONS ARE EXPRESSED IN FEET AND TENTHS OF A FOOT AND REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) 1988.
- 2. HORIZONTAL CONTROL IS REFERENCED TO THE NEW JERSEY STATE PLANE COORDINATE SYSTEM (NAD 1983).
- 3. THE CONTRACTOR WORK LIMIT SHALL BE AS SHOWN ON SHEETS C-102 TO C-107. LIMITS OF DISTURBANCE ARE THOSE DELINEATED BY THE CONSTRUCTION WORK LIMIT LINES.
- 4. THE CONTRACTOR SHALL STAGE AND ACCESS THE SITE FROM THE LOCATIONS SHOWN ON SHEETS C-103, C-105 AND C-107.
- 5. THE EXISTING SITE CONDITION SURVEYS ARE A RESULT OF SURVEYS CONDUCTED IN MAY OF 2013, AND CAN ONLY BE CONSIDERED REPRESENTATIVE OF THE CONDITIONS OCCURRING AT THAT TIME.
- 6. ALL ELEVATIONS AND LOCATIONS OF BULKHEAD AND SCUPPERS IN MARGATE CITY WERE RESULTS OF A SURVEY CONDUCTED IN JUNE 2014 BY NJDEP.

	CIVIL AND SITEWORK LEGEND (EXISTING)	PL	AN SYMBOLS LEGEND
	CIVIL AND SHEWORK LEGEND (EXISTING)	<u></u> α	UTILITY POLE
	ROAD AND PROPERTY	~	UTILITY POLE W/GUY
ES STINC STORM	DDAIN W/	-ф-	FIRE HYDRANT
STING STORM METER AND TY		0	WATER VALVE
STING FENCE	X	(SD)	MANHOLE (STORM DRAIN)
	AD ELECTRIC LINE	S	MANHOLE (SEWER)
ISTING WATER I IMETER	LINE W/ W	E	MANHOLE (ELECTRIC)
ISTING GAS LIN	IE W/ DIAMETER AND TYPE G 8" P.E.	T	MANHOLE (TELEPHONE)
	Y SEWER MAIN AND S8" RCP	(ST)	MANHOLE (STEAM)
PE ICTING LINDEDG	PROUND TELEPHONE	W	MANHOLE (WATER)
COMMUNICATION	CROUND TELEPHONE ————————————————————————————————————	₩.	MANHOLE (UNKNOWN)
ISTING UNDERG	GROUND ELECTRIC	——————————————————————————————————————	EXIST. FENCE (WOOD POST & WIRE)
ISTING WATER	LINE	*	LIGHT POLE GUARD POST
ISTING FIBER C	OPTIC LINE —— F0 —— F0 —— F0 —— F0 ——	d	SIGN POST
ISTING OVERHE	AD ELECTRIC		
ISTING MINOR (DH-15	DRILL HOLE LOCATION
		ተ ተ ተ ተ ተ	STANDING WATER (AT
STING MAJOR		w w	DATE OF FIELD SURVEY)
ISTING SPOT E	LEVATION ×1237	LOD	
		Manage and consistent of the control	EXISTING WETLANDS
	BEACHFILL LEGEND		- ATEF SITE LIMIT BUILDING BORING
7	SHEET NUMBER	BB−1 →	
	EXISTING OUTFALL PIPE	PB−1 •	PARKING LOT BORING
	PROPOSED OUTFALL PIPE	TP-7B	TEST PIT LOCATION
		II − 7 D	EXISTING TREE PLANTING
MHW MLW	APPROXIMATE MEAN HIGH WATER LINE EL. +1.25 APPROXIMATE MEAN LOW WATER LINE EL2.9	•	PROPOSED TREE PLANTING
TV I Ion V V	ALL NOVIMALE MICHAEL FOR MAIEN TIME ET7.3		- EXISTING MINOR CONTOUR
	NEW DUNE		- EXISTING INDEX CONTOUR
40+00			- PROPOSED MINOR CONTOUR - PROPOSED INDEX CONTOUR
40+00 1 	SURVEY BASELINE	X	- PROPOSED INDEX CONTOUR - FENCELINE, CHAIN LINK
7.7.7.7.7. 7	STAGING AREA		- STORM DRAIN
	SIMULTO MILET	***************************************	- UNDERGROUND TELEPHONE OR
	STANDARD PEDESTRIAN DUNE		COMMUNICATIONS LINE
	CROSSOVER		- UNDERGROUND ELECTRIC
			- WATER LINE
	HANDICAP CROSSOVER	***************************************	- SANITARY SEWER LINE
П		***************************************	FIBER OPTIC LINE
(ار	VEHICLE DUNE CROSSOVER		
		\ A A A A A	- OVERHEAD ELECTRIC - FORESTED AREAS
	EVICTING DEDECTRIAL DUNE ODGGGGVED		WETLAND LINETO
	EXISTING PEDESTRIAN DUNE CROSSOVER		EXISTING RR TRACKS
	EXISTING HANDICAP CROSSOVER		- LIMIT OF ATEF SITE
		 31' 	- EXISTING MINOR CONTOUR
37	EXISTING VEHICLE DUNE CROSSOVER	30'	- EXISTING MAJOR CONTOUR
			EMOTING STEEL
	MATERIAL STORAGE AREA ON BEACH 100'X50'		EXISTING BITUMINOUS PAVEMENT, OR GRAVEL SURFACE
			TO BE REMOVED
BP	BEACH PATROL DUNE CROSSOVER	<i>77777</i> 7	MISCELLANEOUS REMOVAL,
			INCLUDING EXISTING UTILITIES, CULVERTS, CLEARING, ETC.
44	CONSTRUCTION WORK LIMIT	-	
	CONSTRUCTION WORK LIMIT		PROPOSED TREE PLANTING
	APPROX. LOCATION OF UNDER		EXISTING TREE PLANTING
	WATER HAZARD		COORDINATE - NORTHING AND EASTING
STATION OFFSET	DUNE CENTERLINE AND SEAWRD EDGE OF BERM		OUTUINATE - NOW HING WIND ENSTRING
OFFSET			
	EXISTING STONE GROIN		
	ENISTING STONE GNOW		
Emmy ww	EXISTING VEGETATION		
we will be a second			
	EXISTING TIMBER GROIN		
x x	EXISTING SAND FENCE		
	HORIZONTAL AND VERTICAL CONTROL		
*	VIBRACORE BORING DESIGNATION		
₽ E	SURVEY BASE LINE		
E E	CENTER LINE		
_			
	CONSTRUCTION WORK LIMIT TURN POINT		

C-001

		1		ĺ			2	
CONSTRUCTION WORK LIMIT POINT NUMBER	NORTHING	EASTING	CONSTRUCTION WORK LIMIT POINT NUMBER	NORTHING	EASTING	CONSTRUCTION WORK LIMIT POINT NUMBER	NORTHING	EASTING
1	182387.69	496759.04	61	178658.79	490898.52	121	174928.14	485748.65
2	182313.37	496643.14	62	178631.21	490861.07	122	174873.49	485800.93
3	181143.89	494719.67	63	178665.6	490838.87	123	174796.14	485721.5
4	181215.81	494675.14	64	178547.39	490715.19	124	174803.2	485714.1
5	181111.06	494506.46	65	178415.66	490572.01	125	174776.96	485688.5
6	180987.36	494306.35	66	178381.95	490527.78	126	174753.04	485709.4
7	180952.04	494254.46	67	178329.8	490459.12	127	174616.92	485570.2
8	180883.66	494152.01	68	178286.77	490496.07	128	174636.18	485550.5
9	180972.97	494097.18	69	178274.75	490492.18	129	174597.02	485513.3
10	180916.05	494006.07	70	178198.71	490395.84	130	174576.88	485529.9
11	180959.6	493979.07	71	178283.31	4902330.3	131	174447.38	485400.5
12	180890.91	493866.34	72	178145.9	490160.2	132	174466.4	485380.2
13	180835.32	493783.29	73	178229.49	490097.28	133	174455.58	485367.7
14	180791.28	493810.97	74	178111.88	489963.96	134	174506.63	485318.
15	180756.42	493755.5	75	178103.13	489942.31	135	174435.99	485244.9
16	180720.56	493721.25	76	178050.36	489870.99	136	173978.39	484776.1
17	180656.92	493614.12	77	178054.32	489868.11	137	173826.79	484676.2
18	180585.34	493659.73	78	177979.24	489764.53	138	173778.34	484717.4
19	180491.96	493512.27	79	177970.45	489772.34	139	173529.89	484388.4
20	180446.61	493539.36	80	177922.42	489705.74	140	172975.36	483818.0
21	180391.48	493444.03	81	177873.06	489650.73	141	172830.08	483669.
22	180323.07	493487.02	82	177839.3	489607.05	142	172629.55	483462.6
23	180195.12	493280.74	83	177773.63	489561.23	143	172448.75	483276.2
24	180171.59	493246.67	84	177767.64	489565.49	144	172454.84	483269.
25	180276.39	493181.79	85	177709.4	489489.35	145	172275.55	483084.
26	180206.56	493069	86	177681.31	489453.78	146	172339.15	483025.6
27	180089.67	492877.38	87	177668.62	489434.9	147	172116.26	482793.6
28	180022.36	492768.81	88	177628.95	489382.01	148	172027.88	482879.3
29	179995.19	492723.37	89	177569.32	489302.77	149	171882.84	482744.6
30	179969.26	492679.1	90	177520.06	489240.35	150	171751.1	482611.6
31	179940.63	492628.15	91	177580.03	489118.18	151	171577.89	482433.7
32	179925.58	492615.82	92	177521.37	489037.59	152	171668.76	482346.7
33	180028.68	492548.14	93	177463.78	488958.47	153	171533.12	482205.
34	179982.87	492472.37	94	177407.88	488882	154	171444.28	482294.0
35	179919.49	492512.45	95	177318.93	488946.81	155	171404.77	482252.
36	179759.82	492260.1	96	177256.52	488861.03	156	171272.67	482116.
37	179699.34	492297.6	97	177344.74	488795.11	157	171330.47	482047.
38	179621.98	492172.87	98	177231.25	488646.46	158	171286.4	482002.
39	179539.79	492041.49	99	177183.57	488580.67	159	171215.77	482061.4
40	179518.34	492054.34	100	176978.98	488302.59	160	171184.34	482090
41	179418.59	491898.51	101	176692.22	488255.58	161	171677.32	481601.
42	179401.9	491871.76	102	176756.46 176751.17	487994.65 487998.95	162	171722.14 171593.42	481558. 481516.
43	179303.44	491712.46						***************************************
44	179316.38	491689.31	104	176633.46 176636.86	487832.29 487829.76	164	171639.89	481570.
45	179230.34	491558.19	105					
46	179193.93	491506.96	106	176631.12	487819.63			-
47	179160.23	491453.29	107	176451.78	487580.69			
48	179103.38	491488.99	108	176334.1	487420.29			
49 50	179094.64	491475.54	109	176210.02	487258.82			
50	179062.91	491495.17	110	176278.31	487208.58			
51	179039.66	491473.59		176233.36	487147.01			
52 53	178992.85 178889	491428.98 491290.57	112	176284.22 176265.25	487106.84 487082.8			
54	178843.2	491231.92	113	176265.25	487166.17			
55	178784.99	491231.92	115	176076.45	487074.55			
56	178731.64	491086.64	116	176096.32	487058.62		***************************************	
57	178706.38	491055.15	117	175748.2	486582.79			
58	178663.05	490998.27	118	175635.85	486663.03			
	1	.50000.21	1	1.0000.00				
59	178681.91	490984.33	119	175373.97	486324.5			

	ADSECON ISLAN		RMATION (56 LINES	
PROFILE ID	BASELINE STATION	EASTING	NORTHING	AZIMUTH NORTH
AB051	2+50	517566.96	193823.78	147
AB001	5+00	517495.34	193584.11	147
AB052	12+00	517262.37	192936.56	149
AB002	15+50	516979.31	192730.63	150
AB053	19+50	516655.68	192495.61	150
AB054	22+00	516450.38	192353.16	151
AB003	24+75	516217.75	192206.44	152
AB055	29+00	515858.27	191979.79	153
AB004	34+00	515435.28	191713.12	153
AB005	39+00	514990.9	191484.54	154
AB006	44+00	514543.36	191261.59	154
AB056	46+00	514364.35	191172.5	154
AB007	49+00	514095.53	191039.25	155
AB008	54+00	513642.99	190826.62	156
AB009	60+00	513099.95	190571.47	157
AB010	65+00	512630.39	190408.9	158 159
AB011 AB012	70+00 75+00	512142.03 511653.67	190301.64 190194.38	159
AB012 AB013	80+00	511055.67	189994.6	159
AB013 AB014	90+00	510268.58	189627.89	158
AB015	95+00	509785.06	189500.58	158
AB016	100+00	509306.08	189359.5	158
AB017	110+00	508378.21	188986.71	157
AB018	120+00	507464.65	188580	156
AB019	130+00	506556.25	188161.91	155
AB020	140+00	505669.13	187702.39	150
AB021	150+00	504806.81	187196.13	149
AB022	160+00	503950.17	186680.22	149
AB023	170+00	503091.37	186168.17	149
AB024	180+00	502216.39	185684.06	149
AB025	190+00	501355.05	185176.04	149
AB026	200+00	500491.98	184670.95	149
AB027	210+00	499635.12	184155.54	148
AB028	220+00	498786.73	183626.21	148
AB029	225+60	498313.72	183326.46	148
AB030 AB031	240+00 250+00	497092.72 496244.5	182563.06 182033.42	148
AB031	260+00	495396.58	181503.3	148
AB032 AB033	270+00	494516.04	181033.01	147
AB033 AB034	284+00	493388.93	180225.16	147
AB035	290+00	492858.68	179944.39	147
AB036	300+00	492027.26	179392.89	146
AB037	310+00	491218.58	178804.66	145
AB038	320+00	490403.84	178224.96	145
AB039	330+00	489569.56	177673.61	145
AB040	340+00	488716.66	177151.68	145
AB041	350+00	487896.53	176582.53	144
AB042	360+00	487104.32	175972.31	143
AB043	370+00	486337.6	175332.2	139
AB044	380+00	485605.9	174650.58	137
AB045	390+00	484890.53	173951.88	137
AB046	400+00	484160.38	173268.74	137
AB047	410+00	483424.73	172591.37	137
AB048	420+00	482734.58	171868.17	137
AB049	426+00	482324.9	171429.81	137
AB050	433+50	481685.64	171287.63	177

2. AZIMUTHS ARE REFERENCED TO GRID NORTH

VENT	NOR CITY
DUNE CROSS	OVER LOCATIONS
STATION LOCATION (STREET NAME)	CROSSOVER TYPE
246+30 (BUFFALO AVE)	STANDARD PEDESTRIAN CROSSOVER
249+63 (NEWARK AVE)	STANDARD PEDESTRIAN CROSSOVER
251+55 (ROSBOROUGH AVE)	STANDARD PEDESTRIAN CROSSOVER
253+31 (PHILADELPHIA AVE)	STANDARD PEDESTRIAN CROSSOVER
256+81 (PITTSBURG AVE)	STANDARD PEDESTRIAN CROSSOVER
258+58 (MELBOURNE AVE)	STANDARD PEDESTRIAN CROSSOVER
260+29 (BALTIMORE AVE)	STANDARD PEDESTRIAN CROSSOVER
262+05 (SWARTHMORE AVE)	STANDARD PEDESTRIAN CROSSOVER
263+78 (WASHINGTON AVE)	STANDARD PEDESTRIAN CROSSOVER
265+44 (MARTINDALE AVE)	STANDARD PEDESTRIAN CROSSOVER
267+21 (FREDERICKSBURG AVE)	STANDARD PEDESTRIAN CROSSOVER

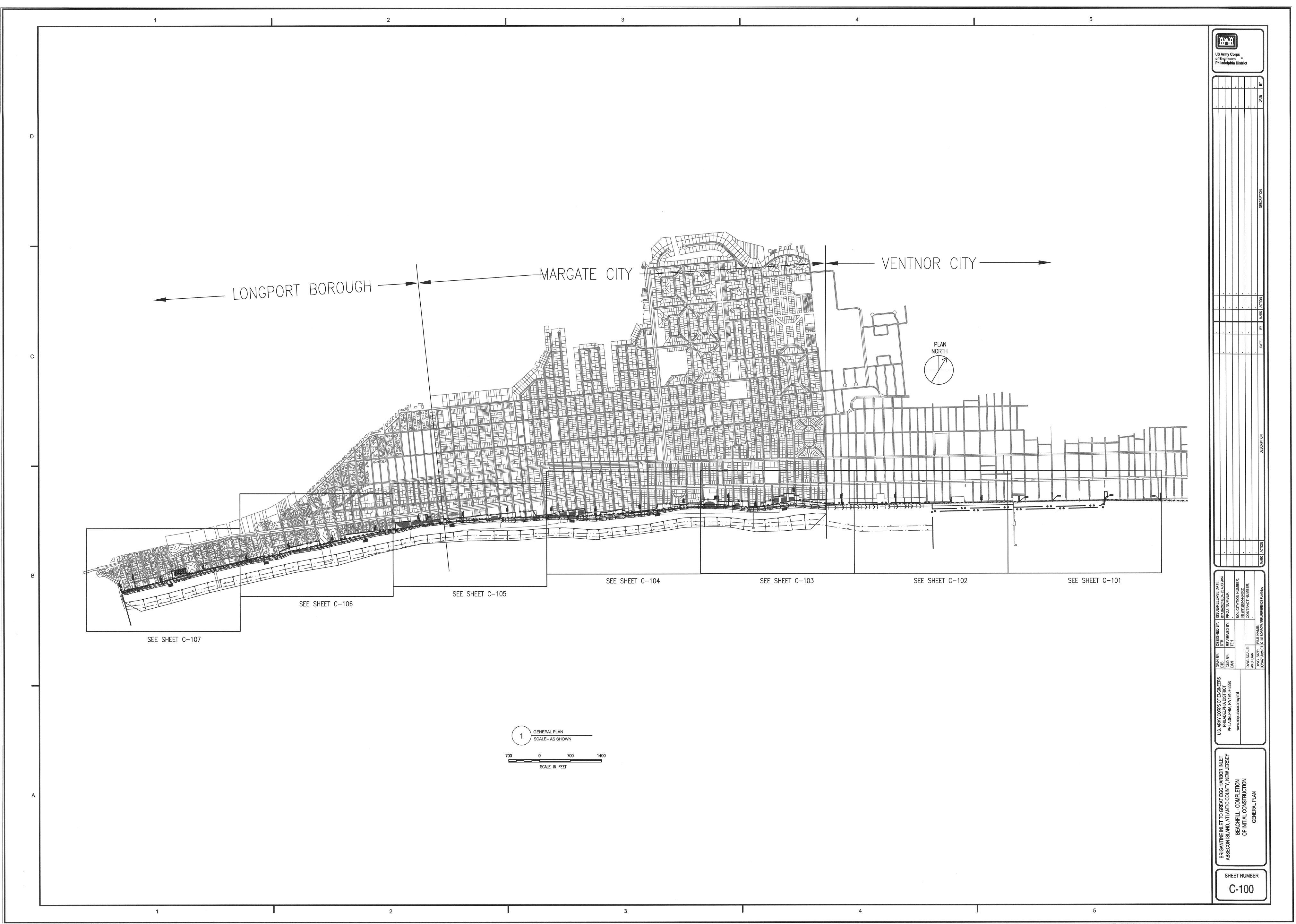
	SOVER LOCATIONS
STATION LOCATION (STREET NAME)	CROSSOVER TYPE
269+17 (ANDOVER AVE)	STANDARD PEDESTRIAN CROSSOVER
270+89 (ARGYLE AVE)	STANDARD PEDESTRIAN CROSSOVER
	HANDICAP CROSSOVER
272+63 (BARCLAY AVE)	STANDARD PEDESTRIAN CROSSOVER
274+40 (BRUNSWICK AVE)	STANDARD PEDESTRIAN CROSSOVER STANDARD PEDESTRIAN CROSSOVER
276+43 (CLARENDON AVE)	
278+19 (CLERMONT AVE)	STANDARD PEDESTRIAN CROSSOVER VEHICLE CROSSOVER
280+05 (DELAVAN AVE)	
281+65 (DOUGLASS AVE)	STANDARD PEDESTRIAN CROSSOVER
283+33 (ESSEX AVE)	STANDARD PEDESTRIAN CROSSOVER
285+47 (EXETER AVE)	STANDARD PEDESTRIAN CROSSOVER
286+87 (FRANKLIN AVE)	STANDARD PEDESTRIAN CROSSOVER
288+64 (FRONTENAC AVE)	STANDARD PEDESTRIAN CROSSOVER
290+40 (GLADSTONE AVE)	STANDARD PEDESTRIAN CROSSOVER
292+37 (GRANVILLE AVE)	VEHICLE CROSSOVER
295+31 (HUNTINGTON AVE)	HANDICAP CROSSOVER
299+14 (IROQUOIS AVE)	STANDARD PEDESTRIAN CROSSOVER
300+69 (PLYMOUTH AVE)	STANDARD PEDESTRIAN CROSSOVER
302+64 (JEROME AVE)	STANDARD PEDESTRIAN CROSSOVER
304+21 (KNIGHT AVE)	STANDARD PEDESTRIAN CROSSOVER
306+00 (KENYON AVE)	STANDARD PEDESTRIAN CROSSOVER
307+91 (LANCASTER AVE)	STANDARD PEDESTRIAN CROSSOVER
309+71 (MANSFIELD AVE)	STANDARD PEDESTRIAN CROSSOVER
311+33 (NASSAU AVE)	STANDARD PEDESTRIAN CROSSOVER
313+41 (OSBORNE AVE)	HANDICAP CROSSOVER
315+52 (PEMBROKE AVE)	STANDARD PEDESTRIAN CROSSOVER
317+67 (QUINCY AVE)	STANDARD PEDESTRIAN CROSSOVER
319+84 (RUNSON AVE)	STANDARD PEDESTRIAN CROSSOVER
321+95 (SUMNER AVE)	STANDARD PEDESTRIAN CROSSOVER
324+06 (THURLOW AVE)	STANDARD PEDESTRIAN CROSSOVER
326+21 (UNION AVE)	STANDARD PEDESTRIAN CROSSOVER
328+26 (VENDOME AVE)	STANDARD PEDESTRIAN CROSSOVER
331+11 (CEDAR GROVE AVE)	STANDARD PEDESTRIAN CROSSOVER
333+83 (BENSON AVE)	STANDARD PEDESTRIAN CROSSOVER
335+94 (DECATUR AVE)	VEHICLE CROSSOVER
338+26 (WASHINGTON AVE)	STANDARD PEDESTRIAN CROSSOVER
341+38 (ADAMS AVE)	HANDICAP CROSSOVER
344+46 (JEFFERSON AVE)	STANDARD PEDESTRIAN CROSSOVER
347+47 (MADISON AVE)	STANDARD PEDESTRIAN CROSSOVER
350+23 (MONROE AVE)	STANDARD PEDESTRIAN CROSSOVER
353+44 (COOLIDGE AVE)	STANDARD PEDESTRIAN CROSSOVER

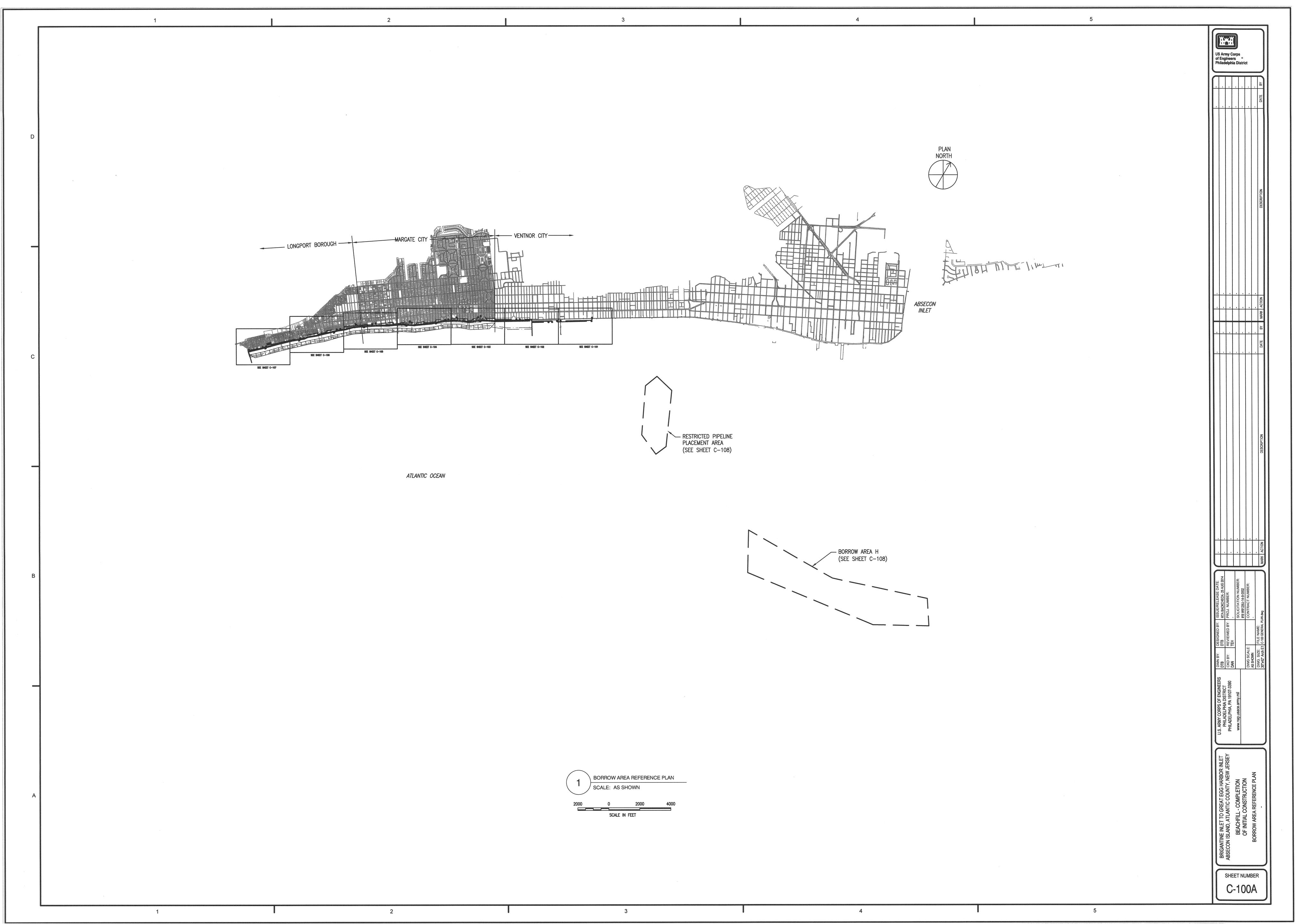
LONGPO	ORT BOROUGH
DUNE CROS	SOVER LOCATIONS
STATION LOCATION (STREET NAME)	CROSSOVER TYPE
355+15 (36TH AVE)	STANDARD PEDESTRIAN CROSSOVER
356+98 (35TH AVE)	STANDARD PEDESTRIAN CROSSOVER
358+13 (35TH AVE)	VEHICLE CROSSOVER
359+12 (34TH AVE)	STANDARD PEDESTRIAN CROSSOVER
361+63 (33RD AVE)	HANDICAP CROSSOVER
365+58 (32ND AVE)	STANDARD PEDESTRIAN CROSSOVER
367+18 (WOODCREST AVE)	STANDARD PEDESTRIAN CROSSOVER
369+09 (31ST AVE)	STANDARD PEDESTRIAN CROSSOVER
370+93 (EVERGREEN AVE)	STANDARD PEDESTRIAN CROSSOVER
372+71 (30TH AVE)	STANDARD PEDESTRIAN CROSSOVER
374+85 (MANOR AVE)	STANDARD PEDESTRIAN CROSSOVER
376+09 (PELHAM AVE)	STANDARD PEDESTRIAN CROSSOVER
377+96 (29TH AVE)	STANDARD PEDESTRIAN CROSSOVER
380+44 (28TH AVE)*	STANDARD PEDESTRIAN CROSSOVER
382+74 (27TH AVE)	HANDICAP CROSSOVER
385+31 (26TH AVE)	STANDARD PEDESTRIAN CROSSOVER
387+85 (25TH AVE)	STANDARD PEDESTRIAN CROSSOVER
390+00 (24TH AVE)	STANDARD PEDESTRIAN CROSSOVER
393+09 (23RD AVE)	STANDARD PEDESTRIAN CROSSOVER
396+05 (22ND AVE)	STANDARD PEDESTRIAN CROSSOVER
399+08 (21ST AVE)	STANDARD PEDESTRIAN CROSSOVER
401+93 (20TH AVE)	STANDARD PEDESTRIAN CROSSOVER
404+72 (19TH AVE)	STANDARD PEDESTRIAN CROSSOVER
407+71 (18TH AVE)	STANDARD PEDESTRIAN CROSSOVER
410+78 (17TH AVE)	STANDARD PEDESTRIAN CROSSOVER
413+36 (16TH AVE)	HANDICAP CROSSOVER CROSSOVER
414+19 (16TH AVE)	VEHICLE CROSSOVER
416+50 (15TH AVE)	STANDARD PEDESTRIAN CROSSOVER
419+76 (14TH AVE)	STANDARD PEDESTRIAN CROSSOVER
422+79 (13TH AVE)	STANDARD PEDESTRIAN CROSSOVER
425+59 (12TH AVE)	STANDARD PEDESTRIAN CROSSOVER
428+67 (11TH AVE)	VEHICLE CROSSOVER

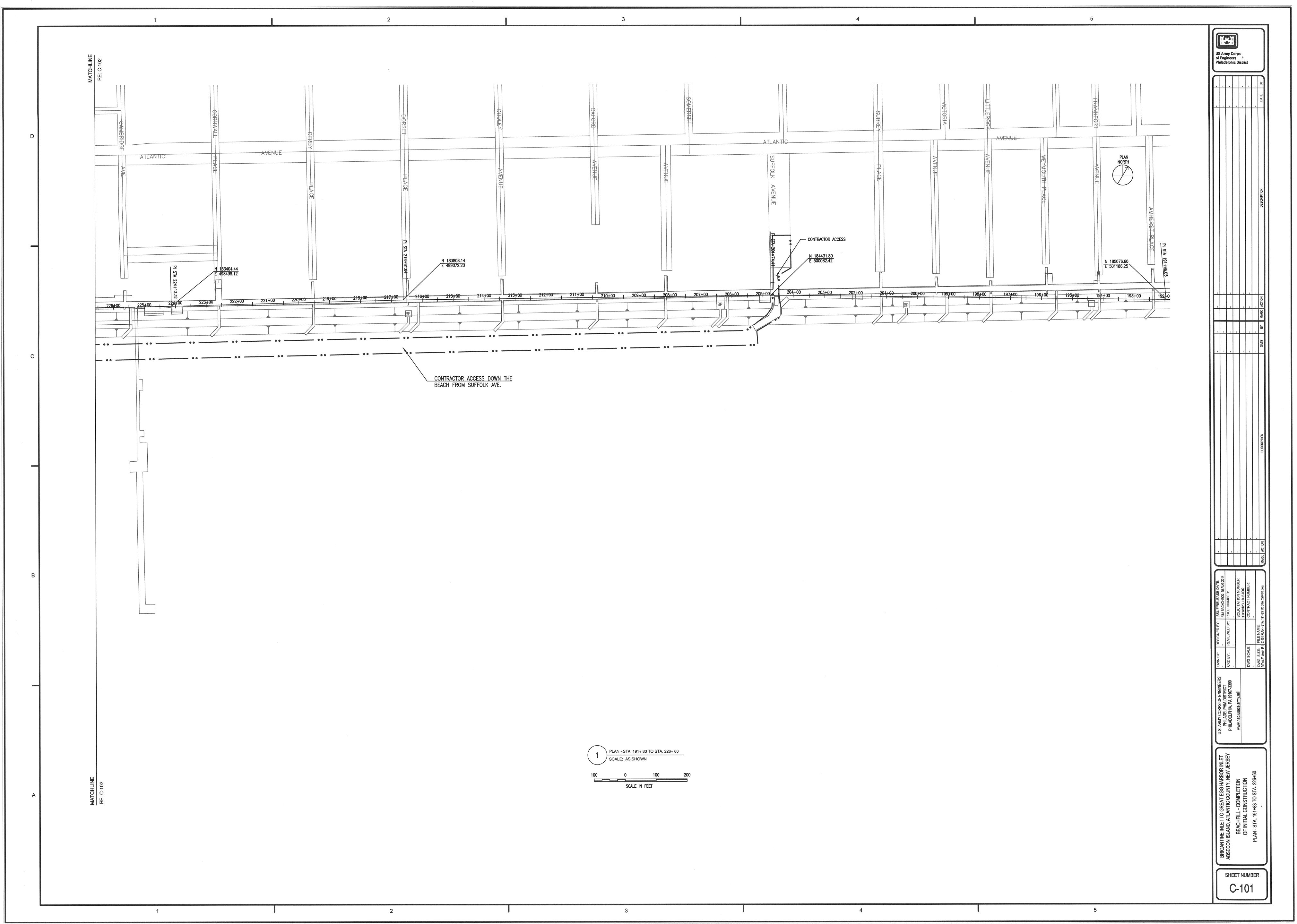
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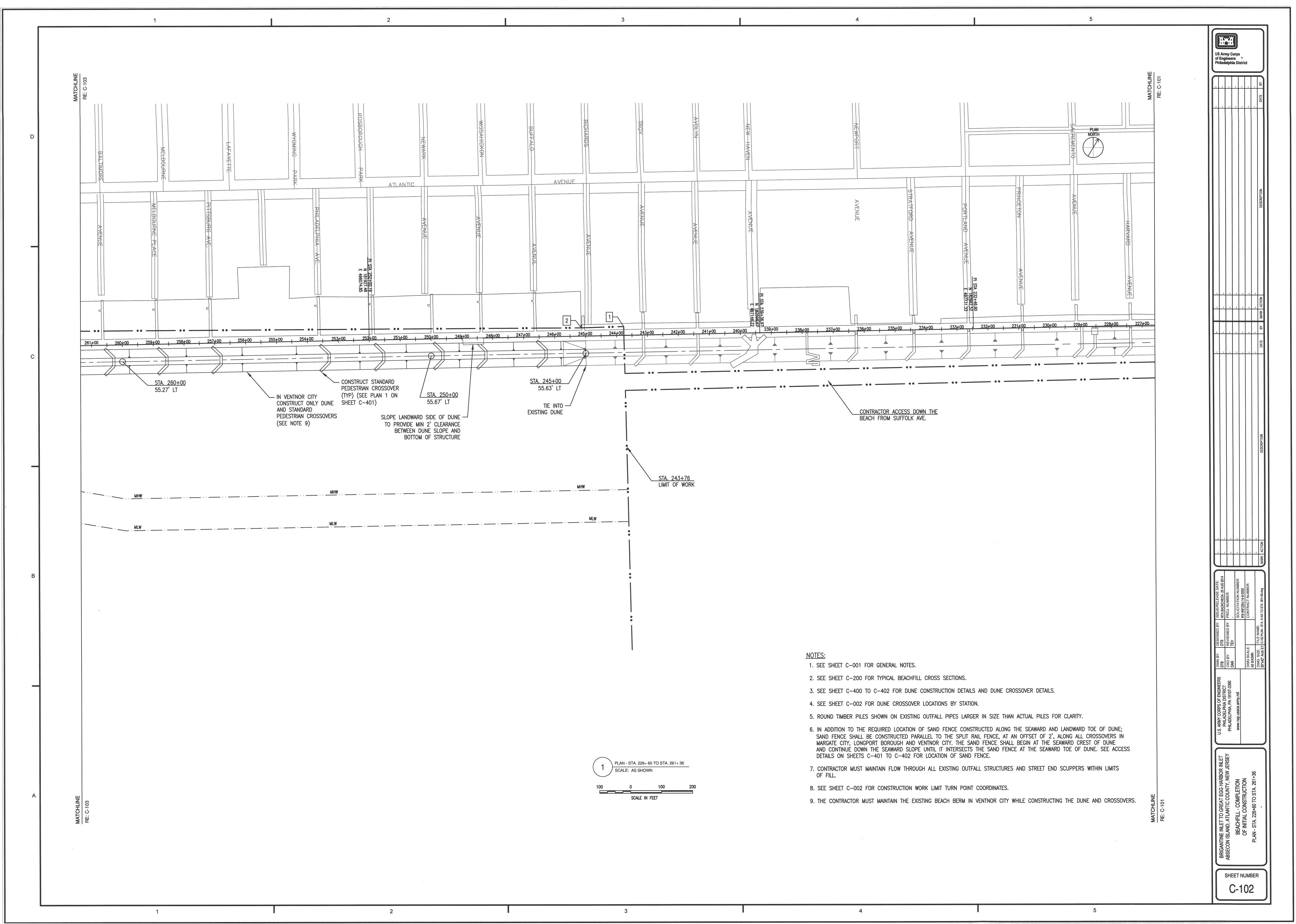
- 1. STATION LOCATIONS REFERENCE THE INTERSECTION OF THE PHYSICAL CENTERLINE OF EACH CROSSOVER WITH THE CENTERLINE OF THE NEW DUNE AS SHOWN ON SHEET C-400, DUNE CONSTRUCTION DETAILS. STATIONS ARE PERPENDICULAR TO THE SURVEY BASELINE.
- 2. STATIONS ARE APPROXIMATE AND GENERALLY REFERENCE LOCATIONS CORRESPONDING TO ADJACENT EXISTING BEACH ACCESS. EXACT LOCATION OF DUNE CROSSOVERS MAY BE ADJUSTED IN THE FIELD BY THE COR TO SUIT EXISTING CONDITIONS.

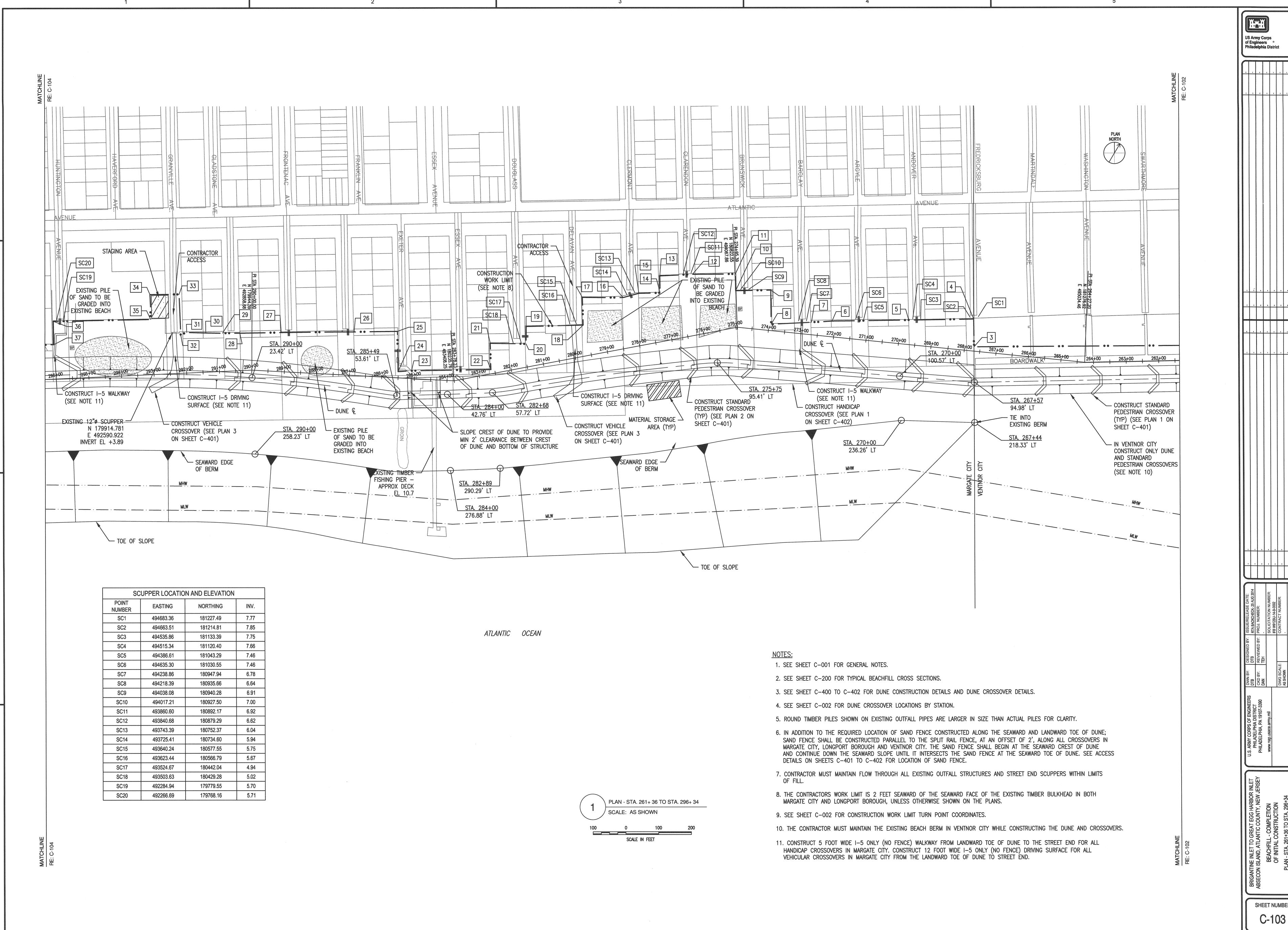
SHEET NUMBER



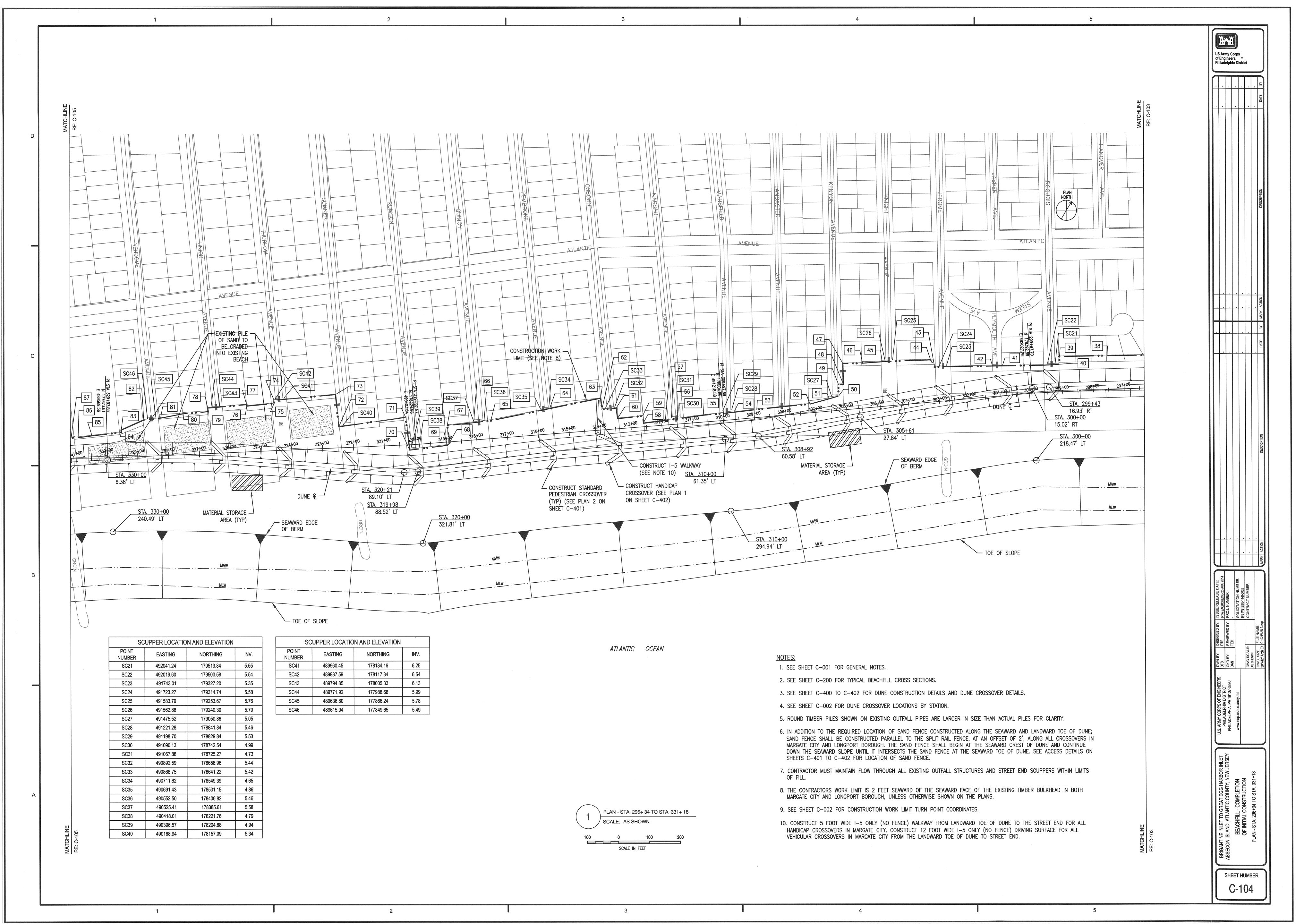


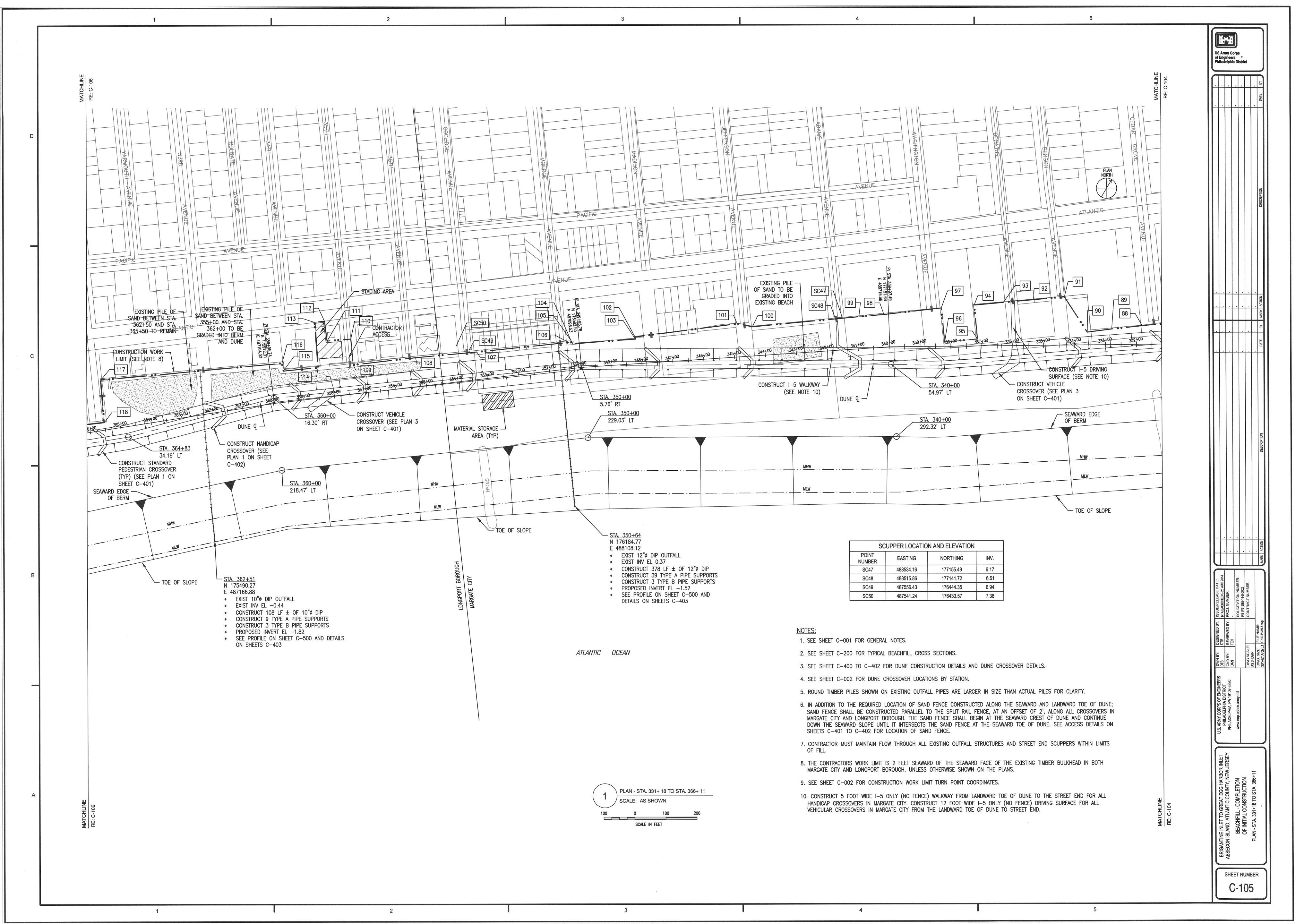


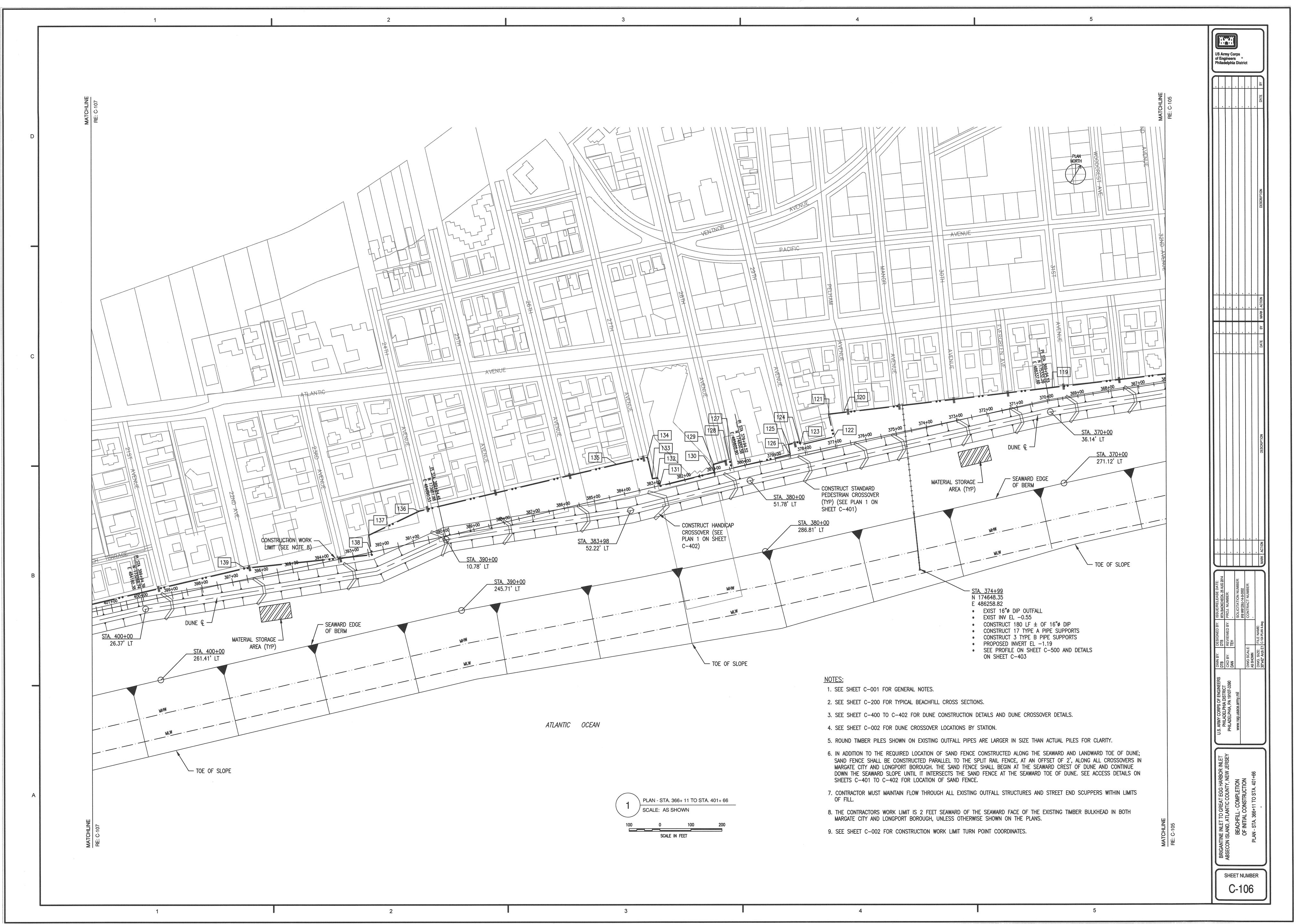


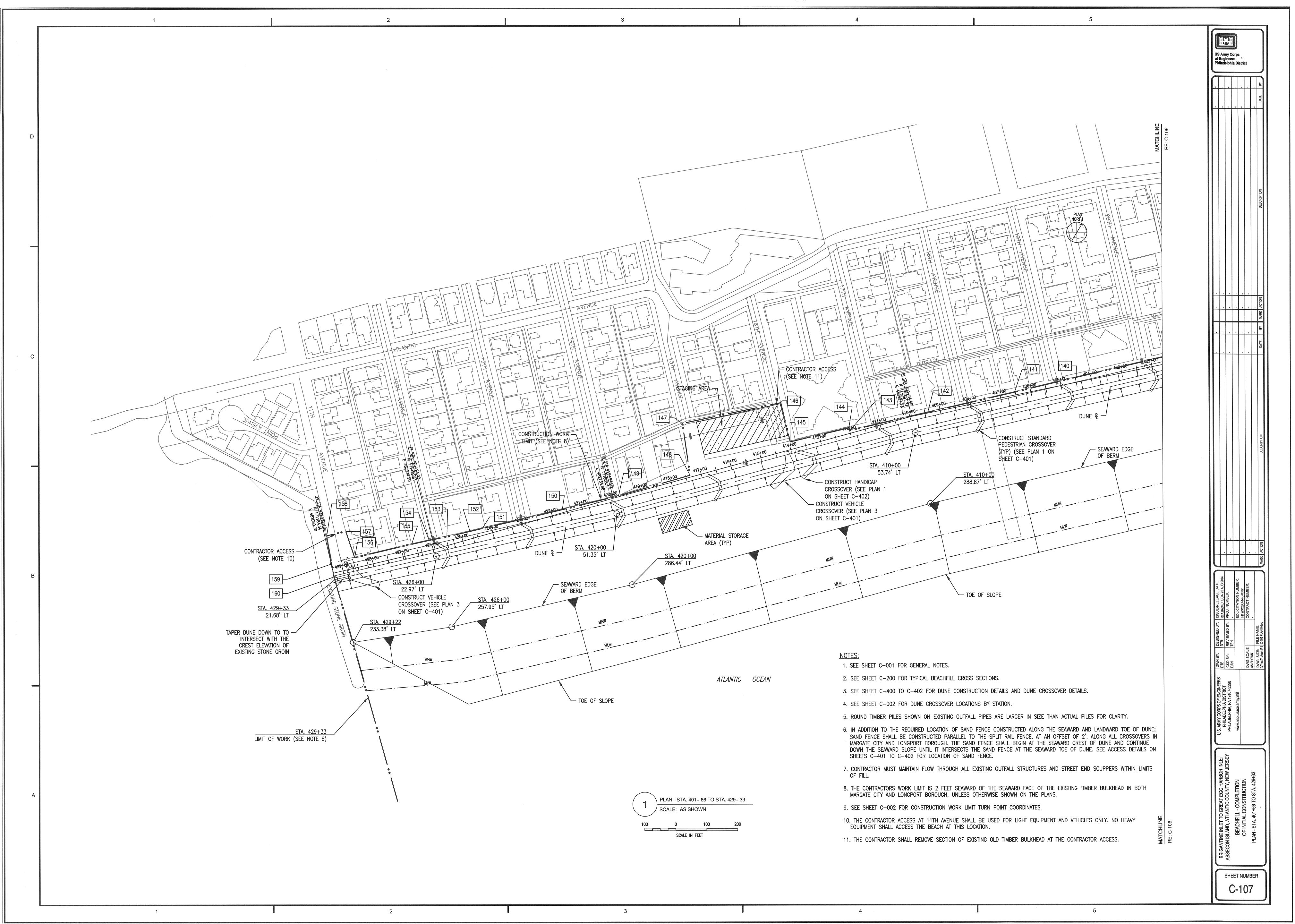


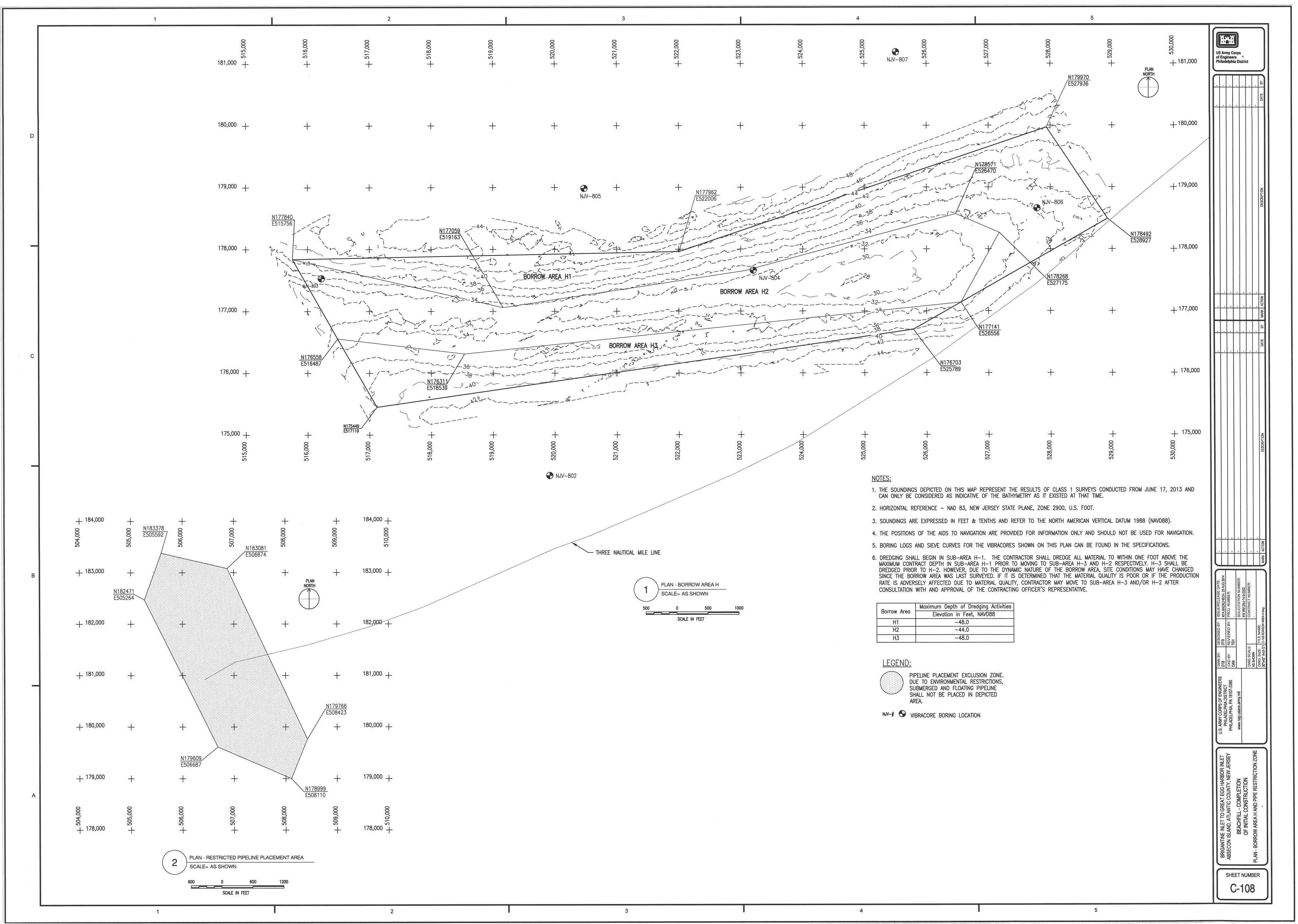
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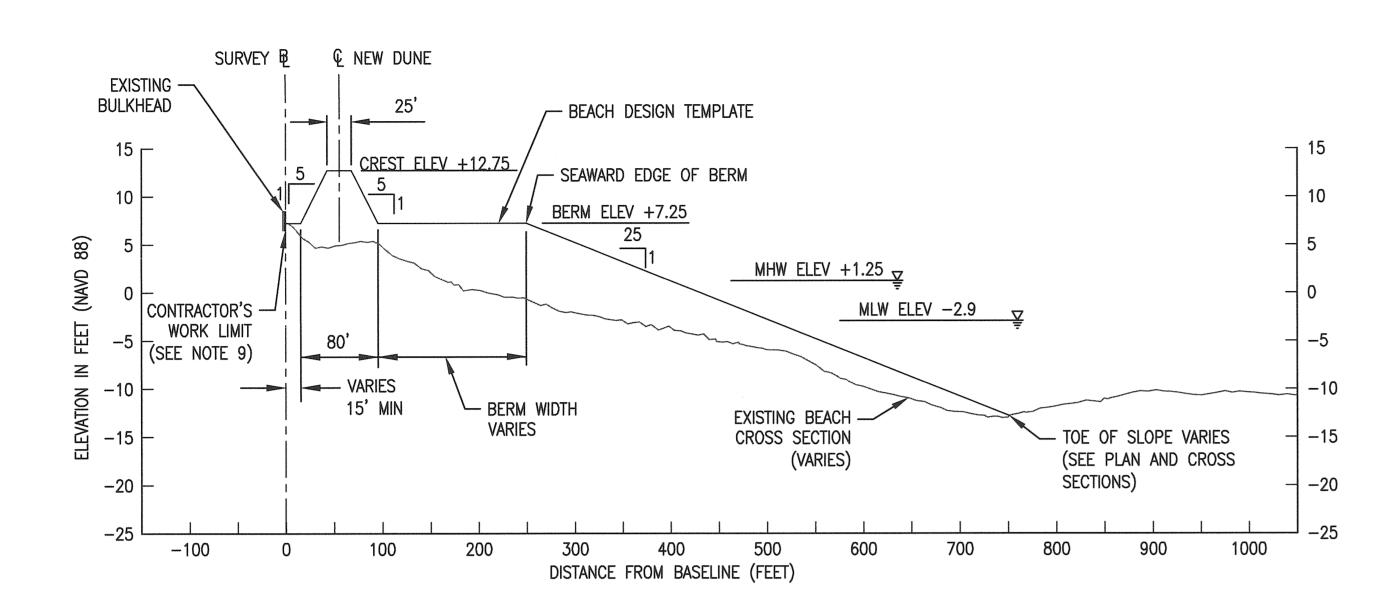


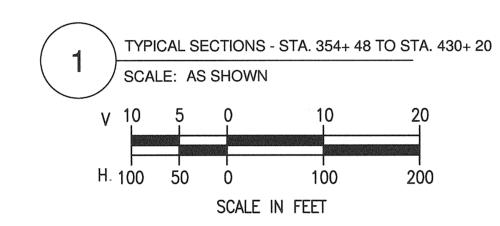


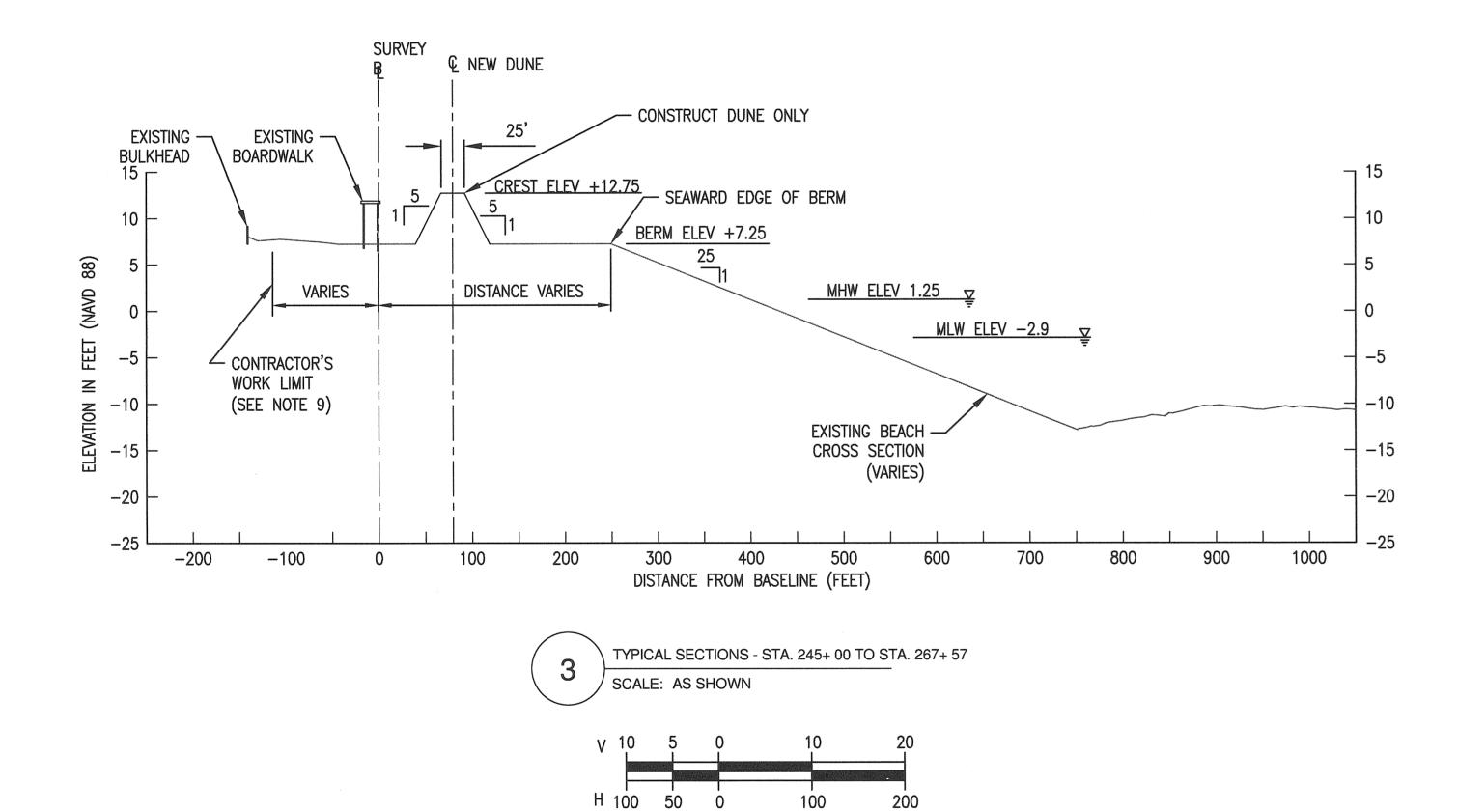




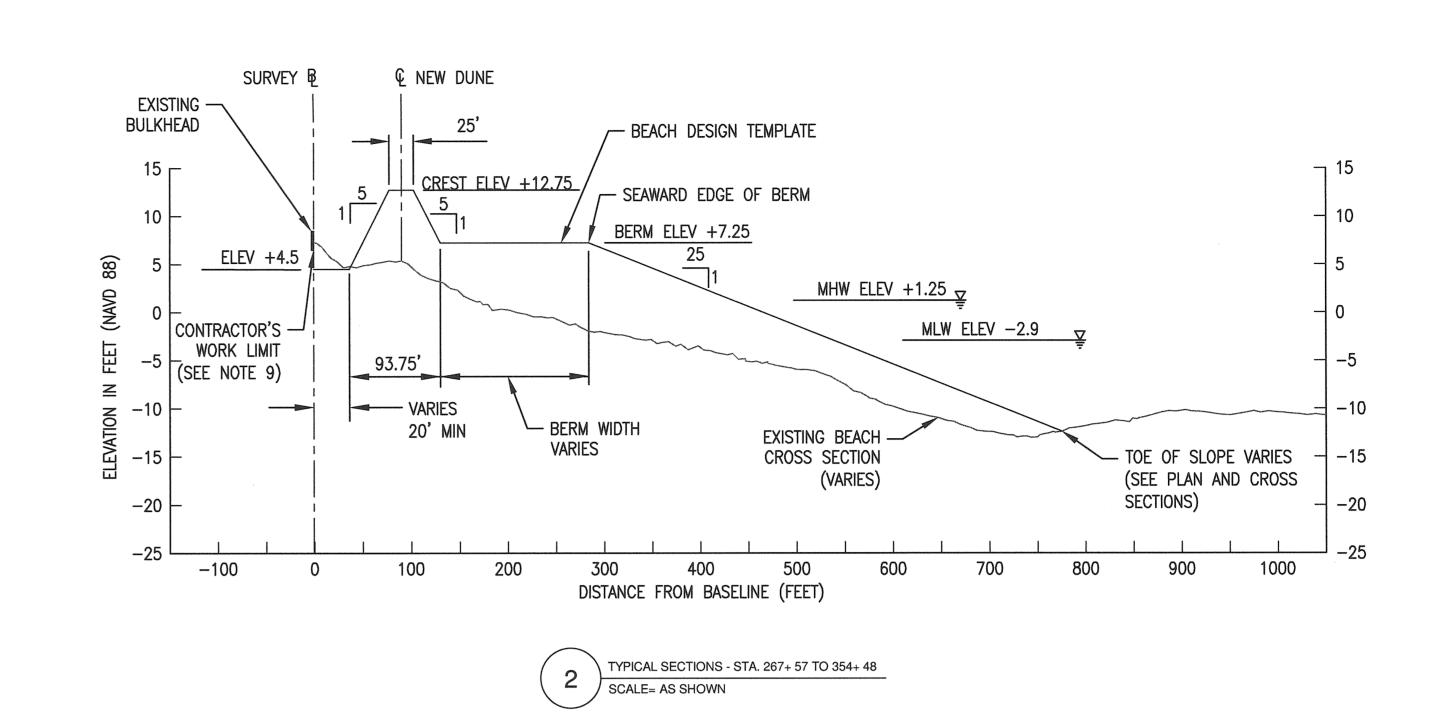








SCALE IN FEET



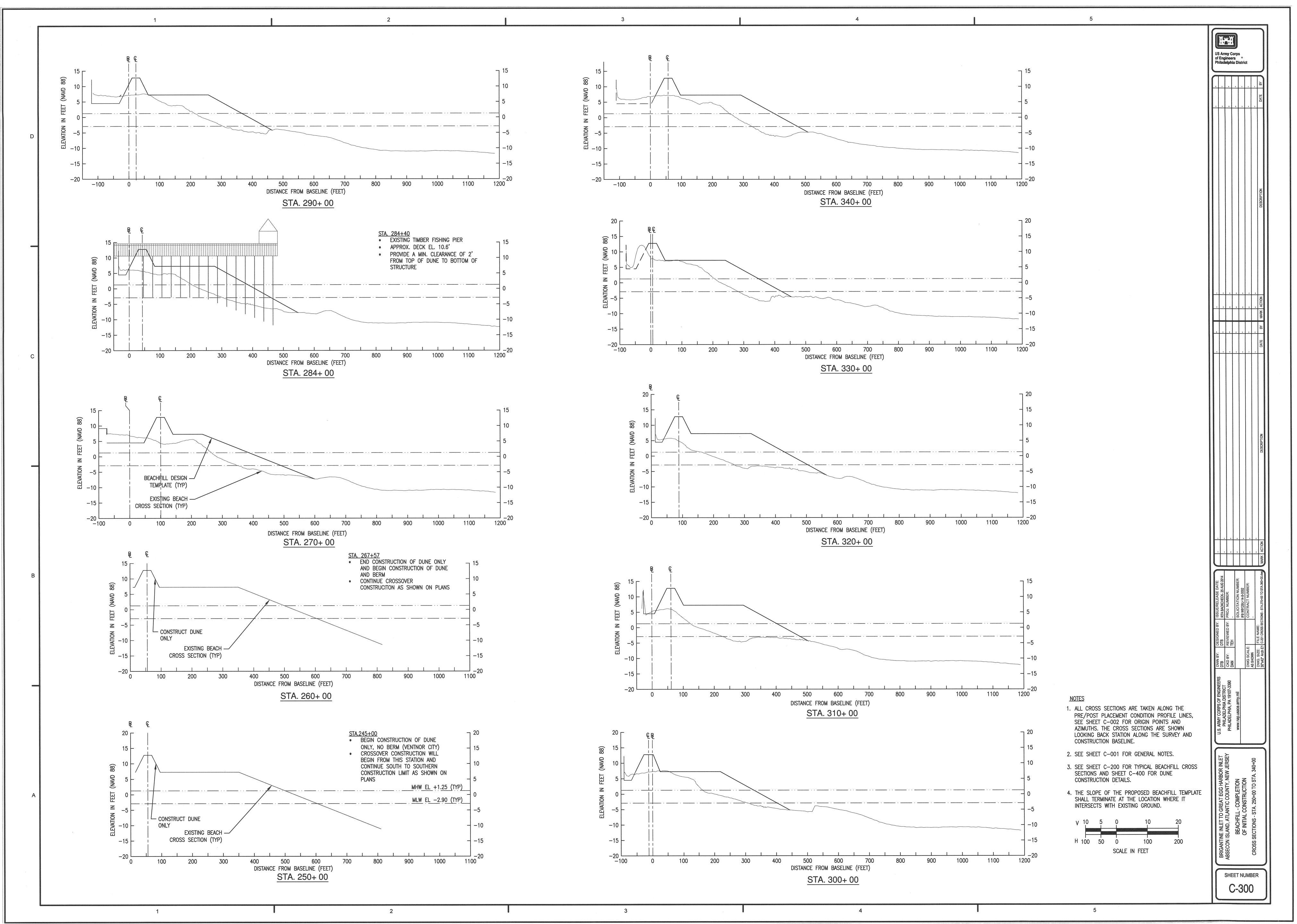
SCALE IN FEET

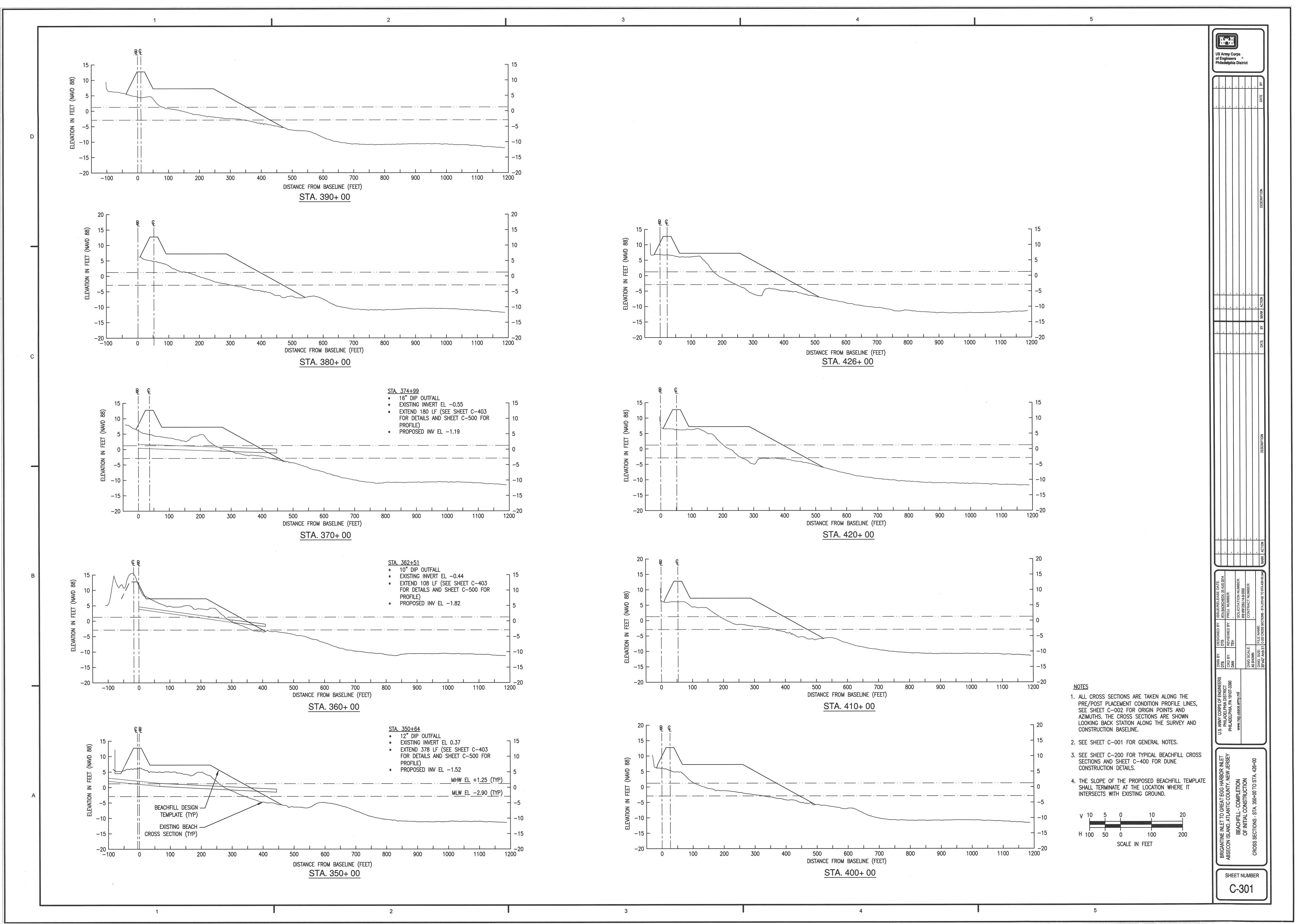
NOTES:

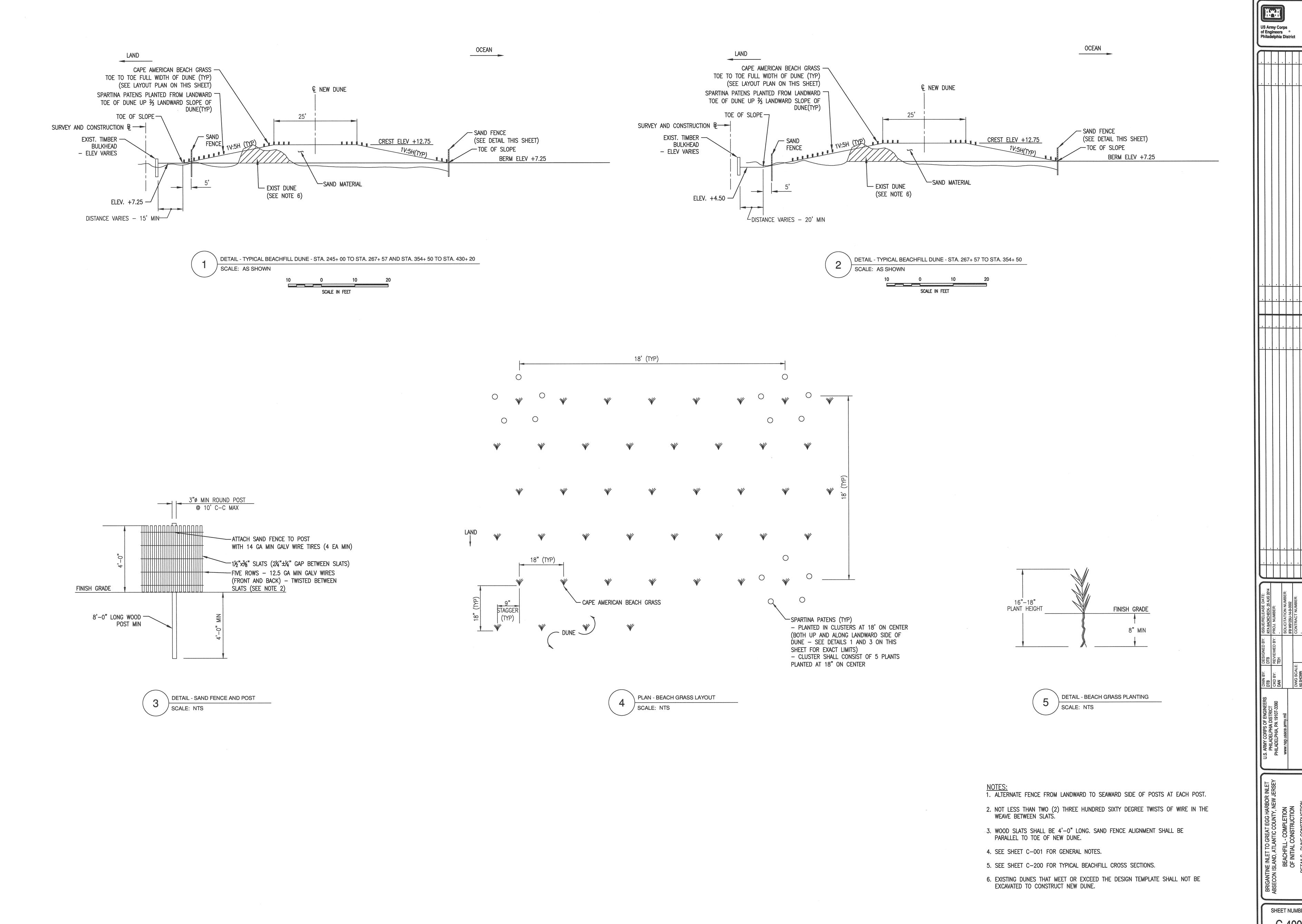
- 1. SEE SHEET C-001 FOR GENERAL NOTES.
- 2. SEE SHEET C-400 FOR DUNE CONSTRUCTION DETAILS.
- 3. THE CROSS SECTIONS ARE SHOWN LOOKING BACK STATION ALONG THE SURVEY AND CONSTRUCTION BASELINE.
- 4. DUNES SHALL BE CONSTRUCTED IN 3' THICK MAXIMUM HORIZONTAL LIFTS. EACH LIFT SHALL BE COMPACTED BY A MINIMUM OF 3 PASSES OF A D6 OR LARGER DOZER WITH COMPLETE OVERLAPPING COVERAGE.
- 5. THE CONTRACTOR MAY BE REQUIRED TO HAND PLACE BEACHFILL MATERIAL BENEATH EXISTING STRUCTURES AND PIERS.
- 6. THE BEACHFILL DISCHARGE PIPE SHALL BE PLACED ON THE OCEAN SIDE OF THE EXISTING DUNES AT ALL TIMES.
- 7. THE BEACHFILL SLOPE BELOW MLW IS ASSUMED AS SHOWN FOR INITIAL QUANTITY CALCULATIONS. ACTUAL SLOPE MAY VARY TO SUIT THE DYNAMIC CONDITIONS THAT EXIST AT THE TIME OF PLACEMENT. SEE SPECIFICATIONS FOR PLACEMENT AND PAYMENT.
- 8. THE EXTENT OF EXISTING DUNES WILL VARY DUE TO DYNAMIC CONDITIONS. THE LOCATION OF EXISTING DUNES AS SHOWN ON THE PLAN DRAWINGS AND BY THE STATIONING REFERENCED ON THIS SHEET IS APPROXIMATE.
- 9. THE CONTRACTOR'S LANDWARD WORK LIMIT AND LIMIT OF BEACHFILL IS 2' SEAWARD OF THE EXISTING TIMBER BULKHEAD IN LONGPORT AND MARGATE AND VARIES IN VENTNOR CITY, SEE PLANS.

SECON ISLAND, ATLANTIC COUNTY, NEW JERSEY
BEACHFILL - COMPLETION
OF INITIAL CONSTRUCTION

C-200







SHEET NUMBER

