GARDNERS BASIN
LIVING SHORELINE INSTALLATION
Block 103 Lot 6
CITY OF ATLANTIC CITY  ATLANIC COUNTY  NEW JERSEY
GENERAL NOTES

1. SUBJECT PROPERTY SERVES AS THE FOUNDATION AS SHOWN ON THE FLOOD PLANE FLOOD INSURANCE RATE MAP FOR THIS COMMUNITY.
2. PERMANENT MARKERS OMITTED FROM SURVEYOR'S CONTRACT.
3. SUBSURFACE CONDITIONS HAZARDS, OR UNREGULATED OR REGULATED WETLANDS IMPACTING SUBJECT PROPERTY, IF ANY, ARE NOT INCLUDED AS A PART OF SURVEYOR'S CONTRACT WITH CLIENT. SURVEYOR RESERVES THE RIGHT TO MODIFY THIS SURVEY SHOULD CLIENT REQUEST THESE ADDITIONAL SERVICES.
4. THIS PROPERTY IS SUBJECT TO DOCUMENTS OF RECORD. UNDERGROUND IMPROVEMENTS, EASEMENTS, PROPERTY LINE AGREEMENTS OR OTHER CONDITIONS UNKNOWN TO THE SURVEYOR ARE NOT SHOWN. SURVEYOR RESERVES THE RIGHT TO MODIFY THIS SURVEY SHOULD ANY SUCH INFORMATION BECOME AVAILABLE.
5. SURVEYOR'S SIGNATURE AND SEAL SIGNIFY THAT THIS SURVEY WAS PERFORMED UNDER MY DIRECT SUPERVISION. ONLY SIGNED SEALED COPIES SHALL BE CONSIDERED AS TRUE COPIES.
6. THE ILLUSTRATION OF RIPARIAN CLAIMS OR RIGHTS, OR UNREGULATED OR REGULATED WETLANDS IMPACTING SUBJECT PROPERTY, IF ANY, ARE NOT INCLUDED AS PART OF SURVEYOR'S CONTRACT WITH CLIENT. SURVEYOR RESERVES THE RIGHT TO MODIFY THIS SURVEY SHOULD CLIENT REQUEST THESE ADDITIONAL SERVICES.
7. THIS SURVEY HAS BEEN PREPARED ONLY FOR THE USE OF THE NAMED PARTIES. SURVEYOR SHALL NOT HAVE ANY LIABILITY OR RESPONSIBILITY FOR USE WITH SURVEY AFFIDAVIT, OR FOR USE BY ANY OTHER PERSON OR ENTITY NOT SPECIFICALLY NAMED, FOR ANY REASONS OTHER THAN AS ORIGINALLY INTENDED.
8. THE DETECTION, LOCATION OR IDENTIFICATION OF HAZARDOUS SUBSTANCES IS NOT INCLUDED AS PART OF SURVEYOR'S CONTRACT WITH CLIENT.
9. ELEVATIONS SHOWN ON THIS PLAN REFERENCE NGVD 1929 DATUM.
10. NO DEED RESEARCH HAS BEEN PERFORMED TO AID IN THE PREPARATION OF THIS SURVEY. ALL PROPERTY LINE DATA TAKEN FROM ATLANTIC CITY TAX MAP.

REFERENCES

1. ATLANTIC CITY TAX MAP
2. VARIOUS PROPERTY SURVEYS AND SITE PLANS BY ARTHUR W. PONZIO CO.
Gardner's Basin Living Shoreline Installation

1. Saltmarsh Cordgrass Wetland – 1,790 square feet of saltmarsh cordgrass ( Spartina alterniflora) wetland will be established landward of the proposed low profile stone sills within areas filled or graded to elevation +1.5 feet. Saltmarsh cordgrass will extend upslope to elevation +1.5 feet. The saltmarsh cordgrass planting will consist of 80% two (2)-inch plugs. Each plug shall consist of a minimum of four (4) stems bare with a well-established root mass within its container. Plugs will be planted on a minimum grid of 18 inches on center throughout the planting area. Plugs shall be planted such that their root mass is bunched one half (1/2) to three quarters (3/4) inch below the marsh surface with soil packed around the plug. Each plug shall receive a 30 gram application Osmocote fertilizer (as equivalent) at the time of planting.

2. Salt Meadow Cordgrass – On the proposed embankment between elevations of +1.5 feet to +3.0 feet, 300 salt meadow cordgrass (Spartina alterniflora) plugs shall be installed on one (1) foot centers throughout the area. Each plug shall be planted and fertilized as specified for salt marsh cordgrass (S. alterniflora) above.

3. Native Landscape Area – Following placement of topsoil and soil amendment as needed, an area of native landscaping shall be established on the proposed embankment. Prior to placement of soil erosion matting, the native landscape area shall be seeded throughout with three (3) pounds of Fescue conservation seed. Native Creeping Sedge Mix with Annual Ryegrass (ERNMIX 18). Two (2) pounds of switch grass (Panicum ovatum) shall also be seeded throughout the native landscape area.

In addition to establishing stabilizing native and warm season grasses, 18 shrubs will be planted at random through the area spaced roughly six (6) feet centers. Shrubs shall consist of a minimum three (3) to four (4) four (4) tall container nursery grown stock. Species shall consist of six (6) high side bush (Laeliphorum) planted along the lower portion of the slope, six (6) ground tree (Rhus coriaria) planted on the upper slope areas and six (6) bayberry (Myrica pensylenica) planted along the upper slope. Each transplant shall receive a subsurface application of Agriform tablets, 20-10-5 at the manufactures recommended rates at the time of planting.

4. Upper Landscape Area – The upslope area shall be a mowed and managed area established with cool season grasses (tall fescue, Kentucky Bluegrass, annual ryegrass, and perennial ryegrass). Following top soil, grading and any necessary soil amendments, the area shall be stabilized with soil erosion matting.
SECTION A-A

LOAM SAND FILL AREA (EL 1.0)
75% NOT TO PASS #100 SEIVE

PLANT SALTMARSH CORDGRASS
PLUGS @ 18" ON CENTER

SALTMEADOW CORDGRASS
EL 1.0 TO 3.0

NATIVE PLANT SPECIES
EL 3.0 TO 6.0

1:1 SLOPE

1.5:1 SLOPE

LAWN AREA
ABOVE EL 6.0

POST & RAIL FENCE

(SEE NOTE 1)
PLANT SALTMARSH CORDGRASS
PLUGS @ 18" ON CENTER

(SEE NOTE 2)
SALTMEADOW CORDGRASS
EL 1.0 TO 3.0

MHWL EL 1.57

TOP OF BERM EL 7.0

EX GRADE EL 5.0

EXISTING GRADE

POST AND RAIL FENCE

OFFICE PLANT SPECIES

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