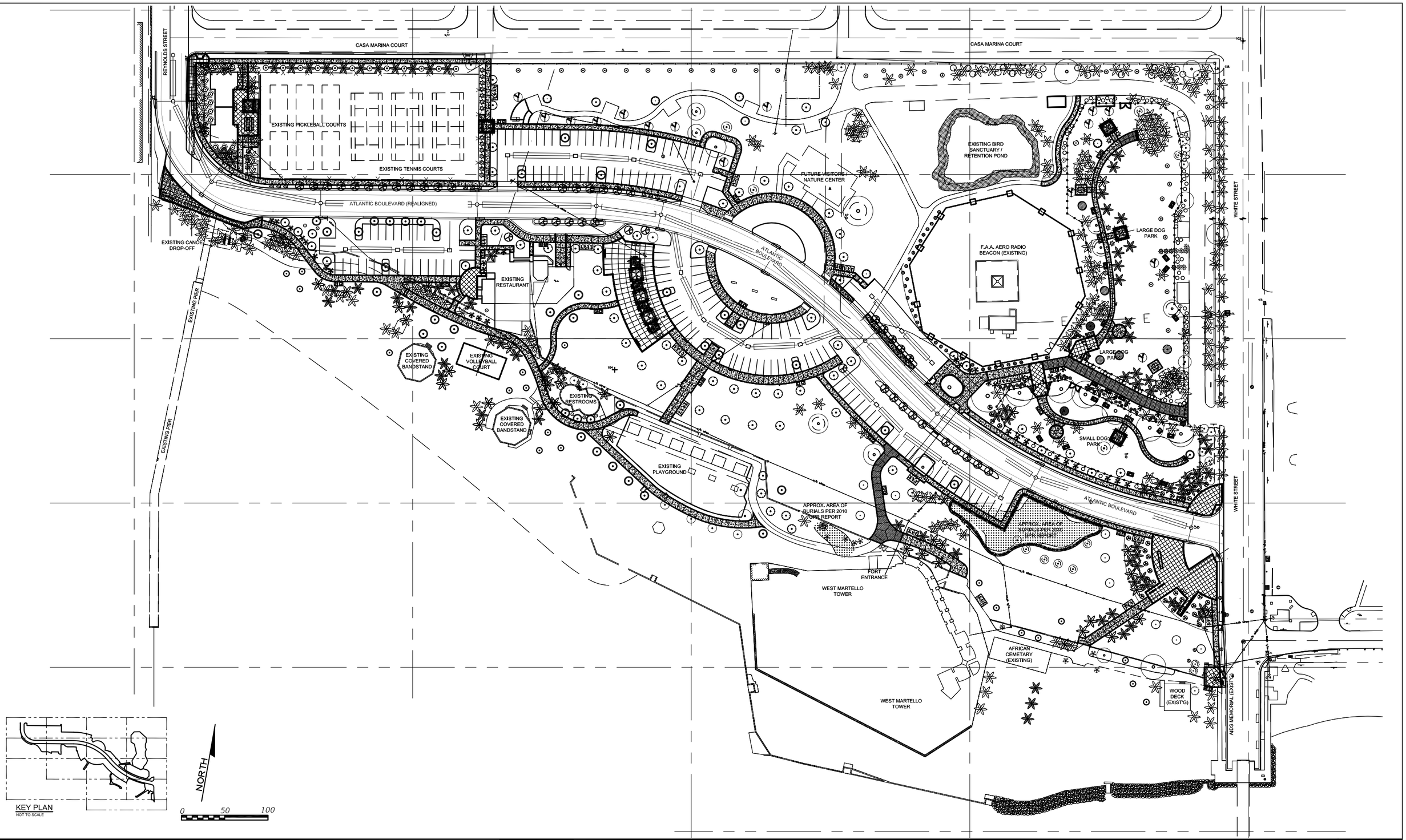



| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |

**LAOR**

Leticia Fernandez-Beraud, RLA
LA6666720

**FERNANDEZ-BERAUD, INC.**
Landscape Architecture and Planning

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**

PROJECT NAME

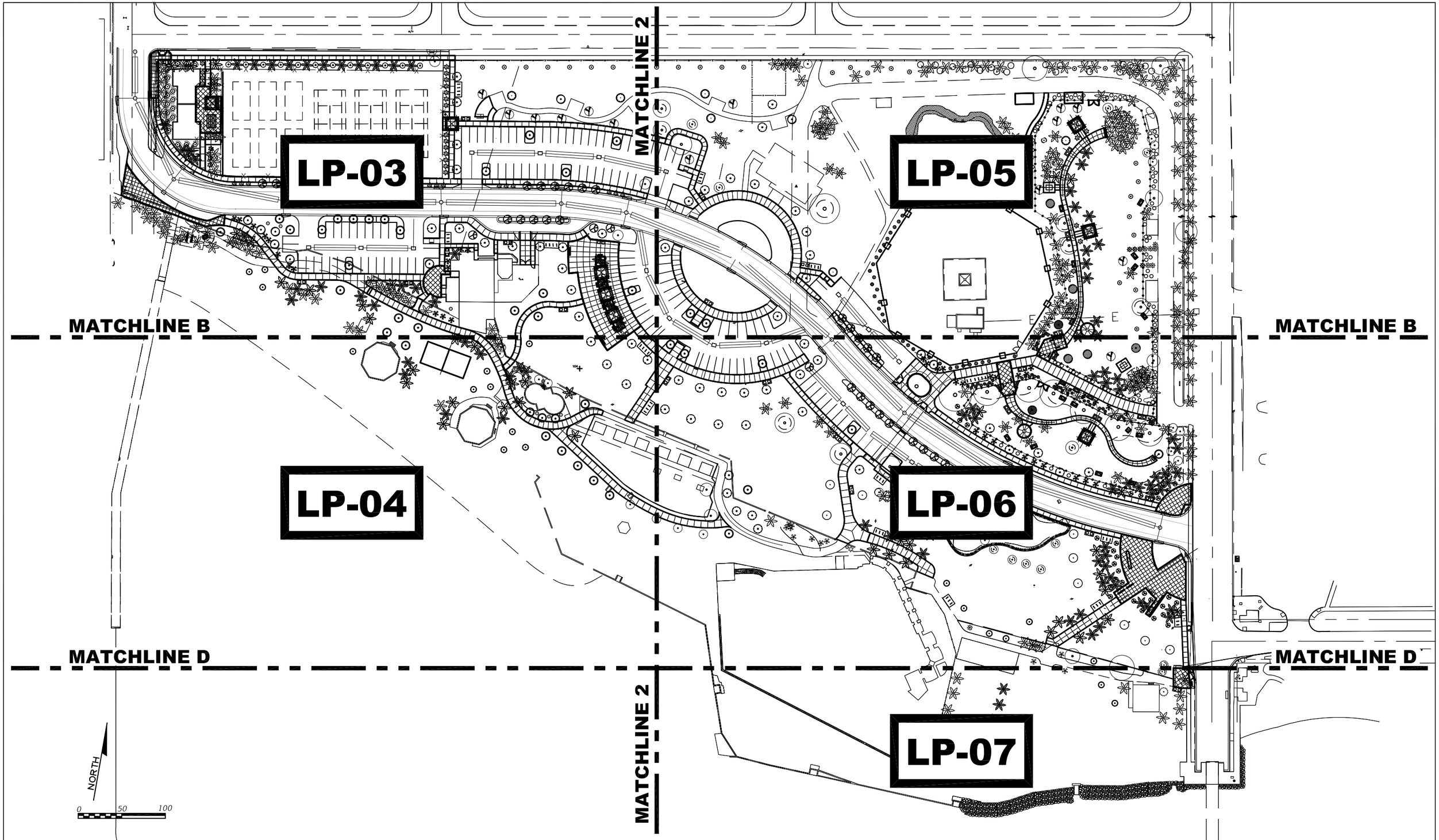
RELOCATION OF ATLANTIC BOULEVARD

**OVERALL PLANTING PLAN**

**TREE PERMIT** **04.10.2017**

**SHEET NO.**

**LP-01**




| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |

LAOR

Leticia Fernandez-Beraud, RLA
LA6666720

**FERNANDEZ-BERAUD, INC.**
Landscape Architecture and Planning

**MONROE COUNTY**
PUBLIC WORKS/ENGINEERING DIVISION
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**

PROJECT NAME

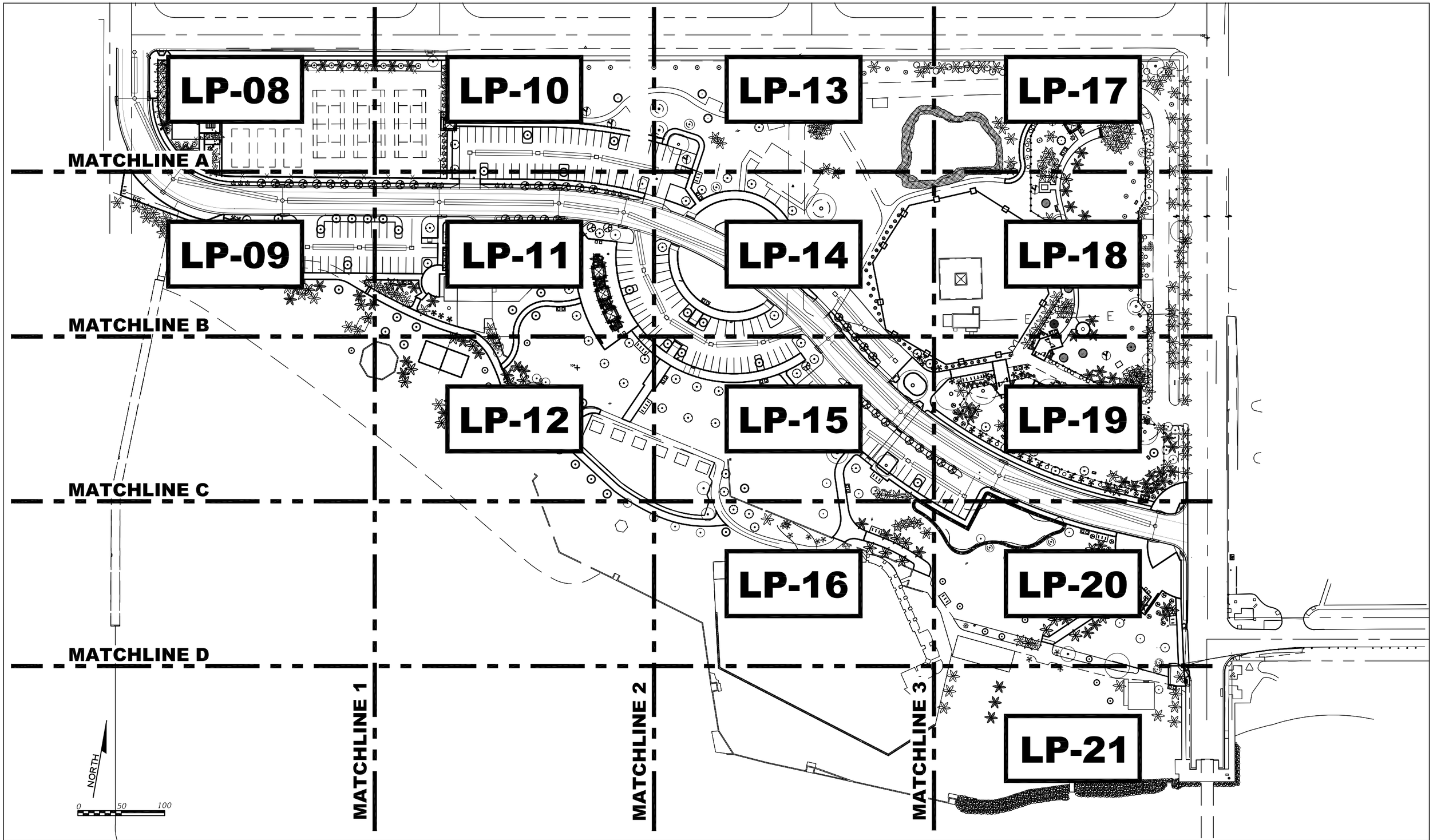
RELOCATION OF ATLANTIC BOULEVARD

**PLANTING - KEY PLAN "A"**

**TREE PERMIT** **04.10.2017**

SHEET NO.

**LP-02A**




| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |

LAOR

Leticia Fernandez-Beraud, RLA
LA6666720
**FERNANDEZ-BERAUD, INC.**
Landscape Architecture and Planning

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**

PROJECT NAME

RELOCATION OF ATLANTIC BOULEVARD

**PLANTING - KEY PLAN "B"**

TREE PERMIT 04.10.2017

SHEET NO.

**LP-02B**

# PLANTING LEGEND

0 20 40

| TREE NAME Scientific & Common | *Coccoloba diversifolia* Pigeon Plum (CD) | *Bursera simaruba* Gumbo Limbo (BS) | *Coccoloba uvifera* Seagrape (CU) | *Conocarpus erectus* Green Buttonwood (CE-A) | *Conocarpus erectus 'sericeus'* Silver Buttonwood (CES-A) | *Guapira discolor* Blolly (GD) | *Lysiloma latisilqua* Wild Tamarind (LL) | *Myrcianthes fragrans* Simpson Stopper (MF) | *Piscidia piscipula* Jamaican Dogwood (PP) | *Swietenia mahagoni* Mahogany (SM) |
|---|---|---|---|---|---|---|---|---|---|---|
| NEW TREE SYMBOL | | | | | | | | | | |

| SHRUB NAME Scientific & Common | *Ardisia escallonioides* Marlberry (AE) | *Capparis cynophallophora* Jamaican Caper (CC) | *Eugenia foetida* Spanish Stopper (EF) | *Genipa clusifolia* Seven Year Apple (GC) | *Guaiacum sanctum* Lignum Vitae (GS) | *Hamelia patens 'Compacta'* Dwarf Firebush (HP) | *Psichotria sulzneri* Shortleaf Coffee (PS) |
|---|---|---|---|---|---|---|---|
| NEW SHRUB SYMBOL | | | | | | | |

| GROUDCOVER Scientific & Common | *Ernodea littoralis* Golden Creeper (EL) | *Hymenocallis latifolia* Mangrove Spiderlily (HL) | *Ipomoea pes-caprae* Railroad Vine (IP) | *Sesuvium portulacastrum* Sea Purslane (SeP) | *Spartina patens* Salt Cordgrass (SP) | *Stachytarpheta jamaicensis* Blue Porterweed (SJ) | *Arachis glabrata 'Ecoturf'* Perennial Peanut (SOD-1) | *Paspalum notatum 'Argentine'* Bahiagrass (SOD-2) | Mulch | Beach Sand |
|---|---|---|---|---|---|---|---|---|---|---|
| NEW GROUNDCOVER SYMBOL | | | | | | | | | | |

| PALM NAME Scientific & Common | *Cocos nucifera* Coconut Palm (CN) | *Leucothrinax morrissii* Silver Thatch Palm (LM) | *Thrinax radiata* Florida Thatch Palm (TR) |
|---|---|---|---|
| NEW PALM SYMBOL | | | |

| RELOCATED Scientific & Common | *Cocos nucifera* Coconut Palm RELOCATED (CN-R) | *Bursera simaruba* Gumbo Limbo RELOCATED (BS-R) | *Swietenia mahagoni* Mahogany RELOCATED (SM-R) |
|---|---|---|---|
| RELOCATED PLANT SYMBOL | | | |

| REMAIN Scientific & Common | *Cocos nucifera* Coconut Palm REMAIN [XXX] Tree ID Number | Various trees REMAIN [XXX] Tree ID Number | *Sabal palmetto* Sabal Palm REMAIN [XXX] Tree ID Number | *Leucothrinax morrissii* Silver Thatch Palm REMAIN [XXX] Tree ID Number |
|---|---|---|---|---|
| REMAINING PLANT SYMBOL | | | | |

| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |


LAOR

Leticia Fernandez-Beraud, RLA
LA6666720

FERNANDEZ-BERAUD, INC.
Landscape Architecture and Planning

MONROE COUNTY
PUBLIC WORKS/ENGINEERING DIVISION
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558


MONROE COUNTY
PUBLIC WORKS/ENGINEERING DIVISION

PROJECT NAME

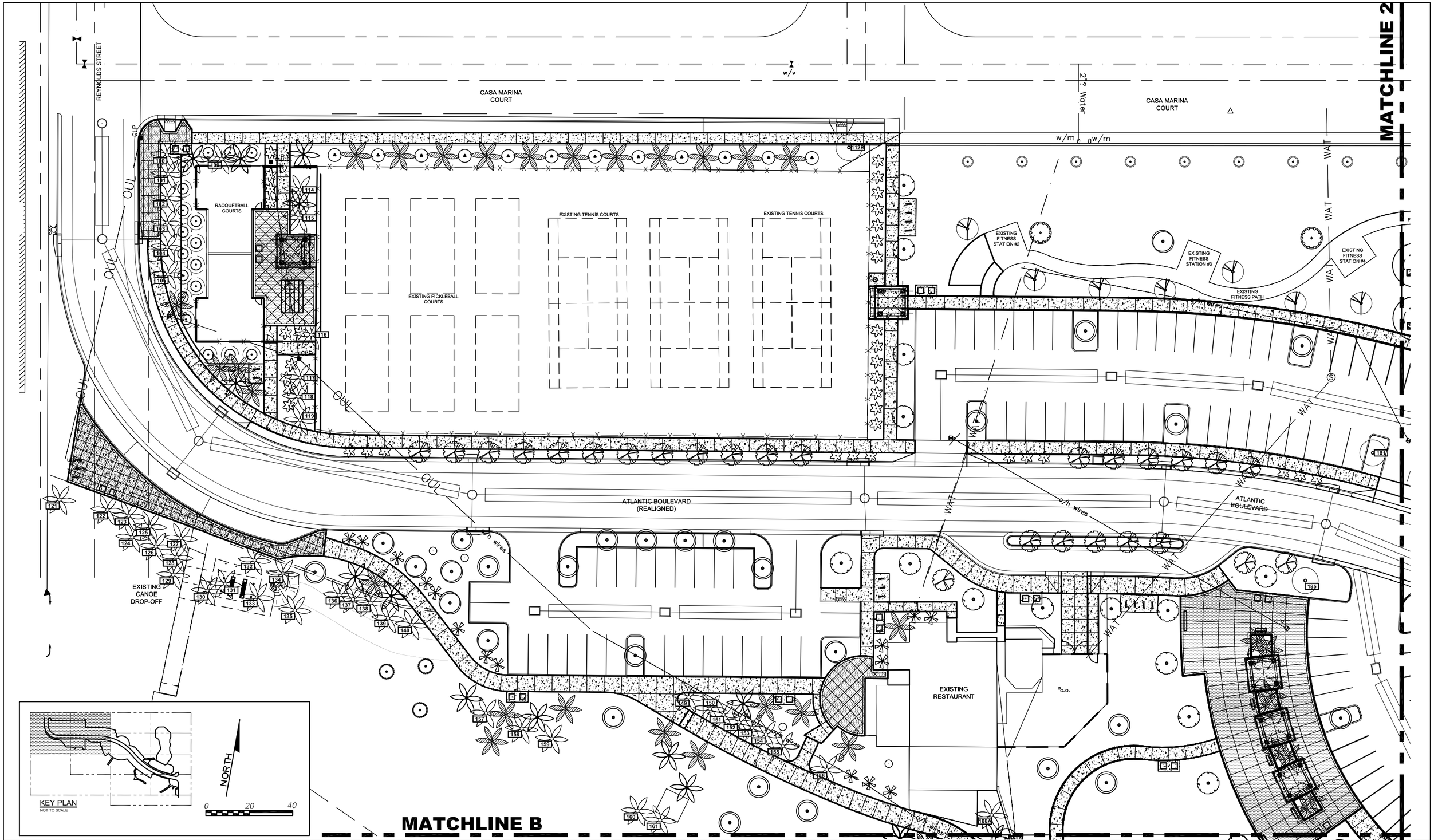
RELOCATION OF ATLANTIC BOULEVARD

PLANTING LEGEND

TREE PERMIT 04.10.2017

SHEET NO.

LP-02C




| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |

LAOR

Leticia Fernandez-Beraud, RLA
LA6666720
**FERNANDEZ-BERAUD, INC.**
Landscape Architecture and Planning

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**

PROJECT NAME

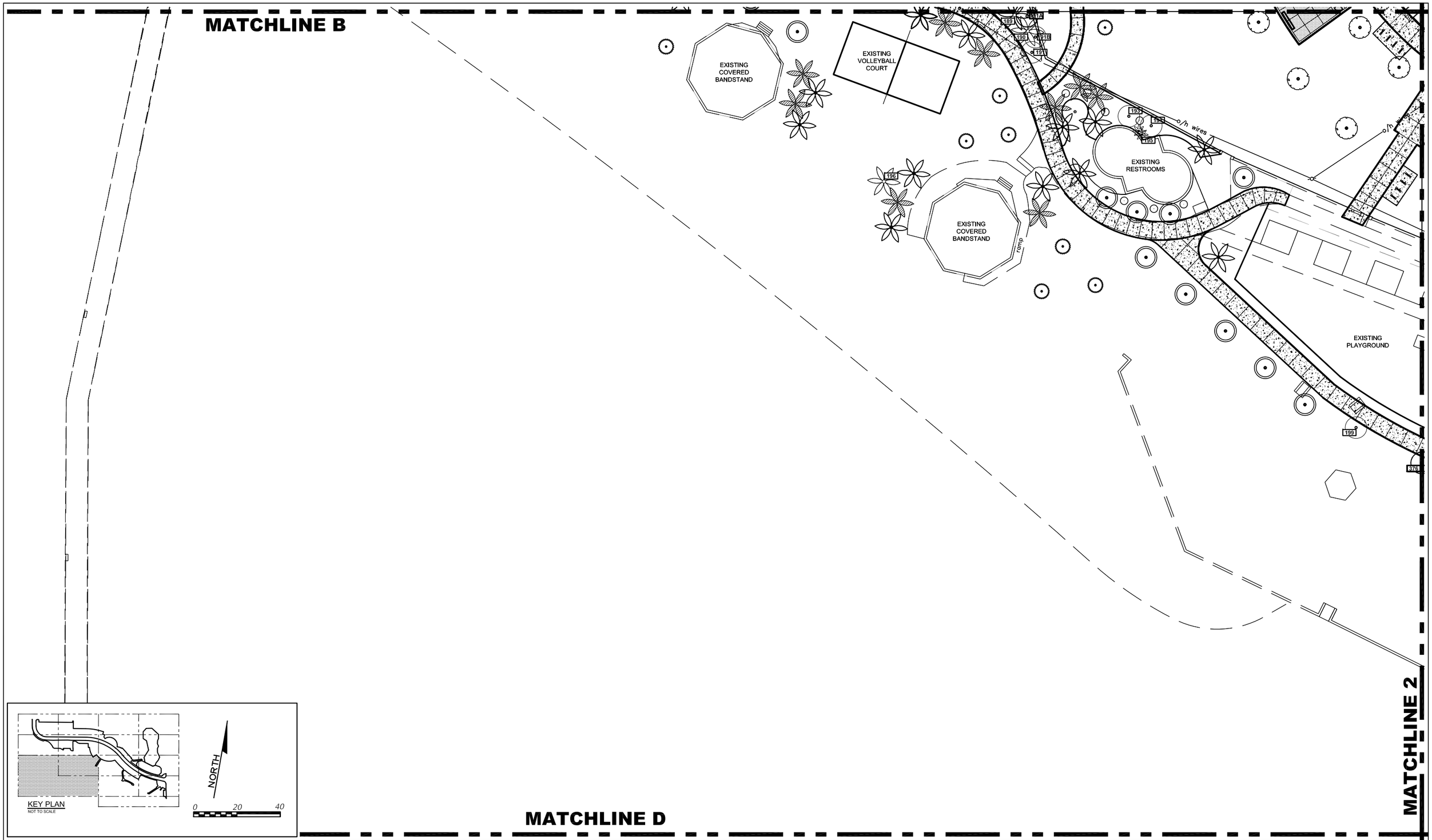
RELOCATION OF ATLANTIC BOULEVARD

**PLANTING PLAN**

TREE PERMIT 04.10.2017

SHEET NO.

**LP-03**




| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |

LAOR

Leticia Fernandez-Beraud, RLA
LA6666720

**FERNANDEZ-BERAUD, INC.**
Landscape Architecture and Planning

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**

PROJECT NAME

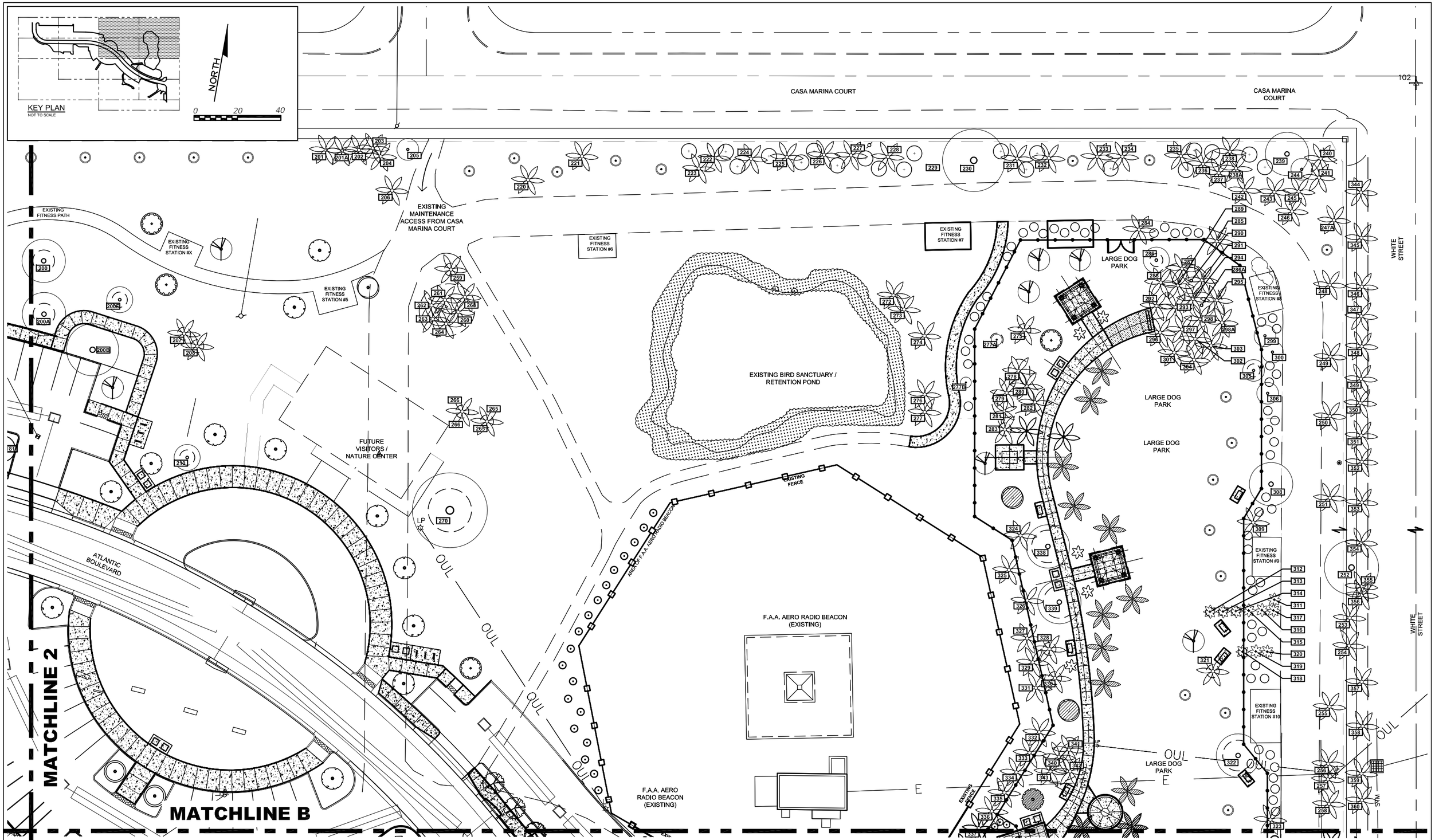
RELOCATION OF ATLANTIC BOULEVARD

**PLANTING PLAN**

**TREE PERMIT** **04.10.2017**

**SHEET NO.**

**LP-04**




| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |

LAOR

Leticia Fernandez-Beraud, RLA
LA6666720

**FERNANDEZ-BERAUD, INC.**
Landscape Architecture and Planning

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**

PROJECT NAME

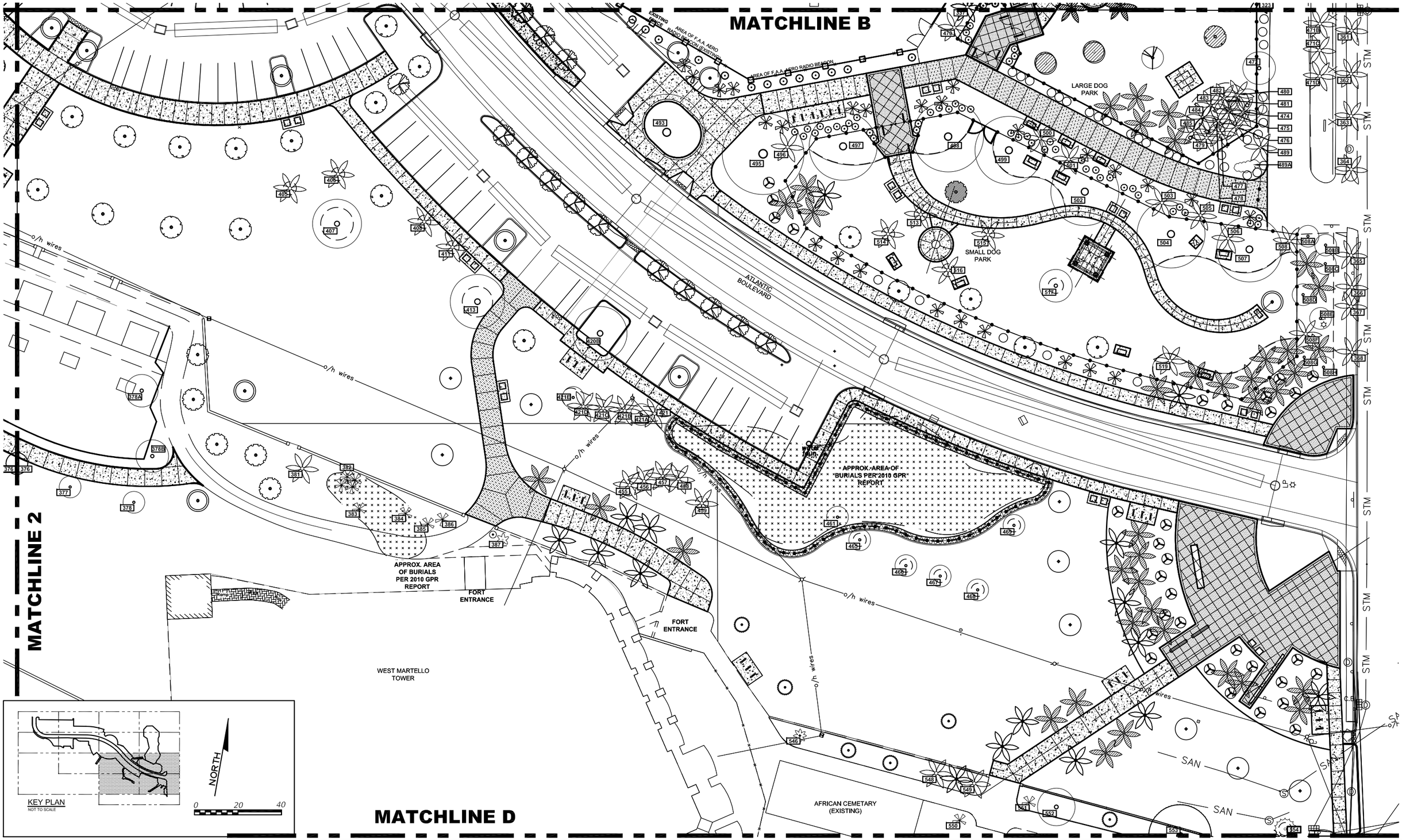
RELOCATION OF ATLANTIC BOULEVARD

**PLANTING PLAN**

**TREE PERMIT** **04.10.2017**

SHEET NO.

**LP-05**




| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |

LAOR

Leticia Fernandez-Beraud, RLA
LA6666720

**FERNANDEZ-BERAUD, INC.**
Landscape Architecture and Planning

**MONROE COUNTY**
PUBLIC WORKS/ENGINEERING DIVISION
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**

PROJECT NAME

RELOCATION OF ATLANTIC BOULEVARD

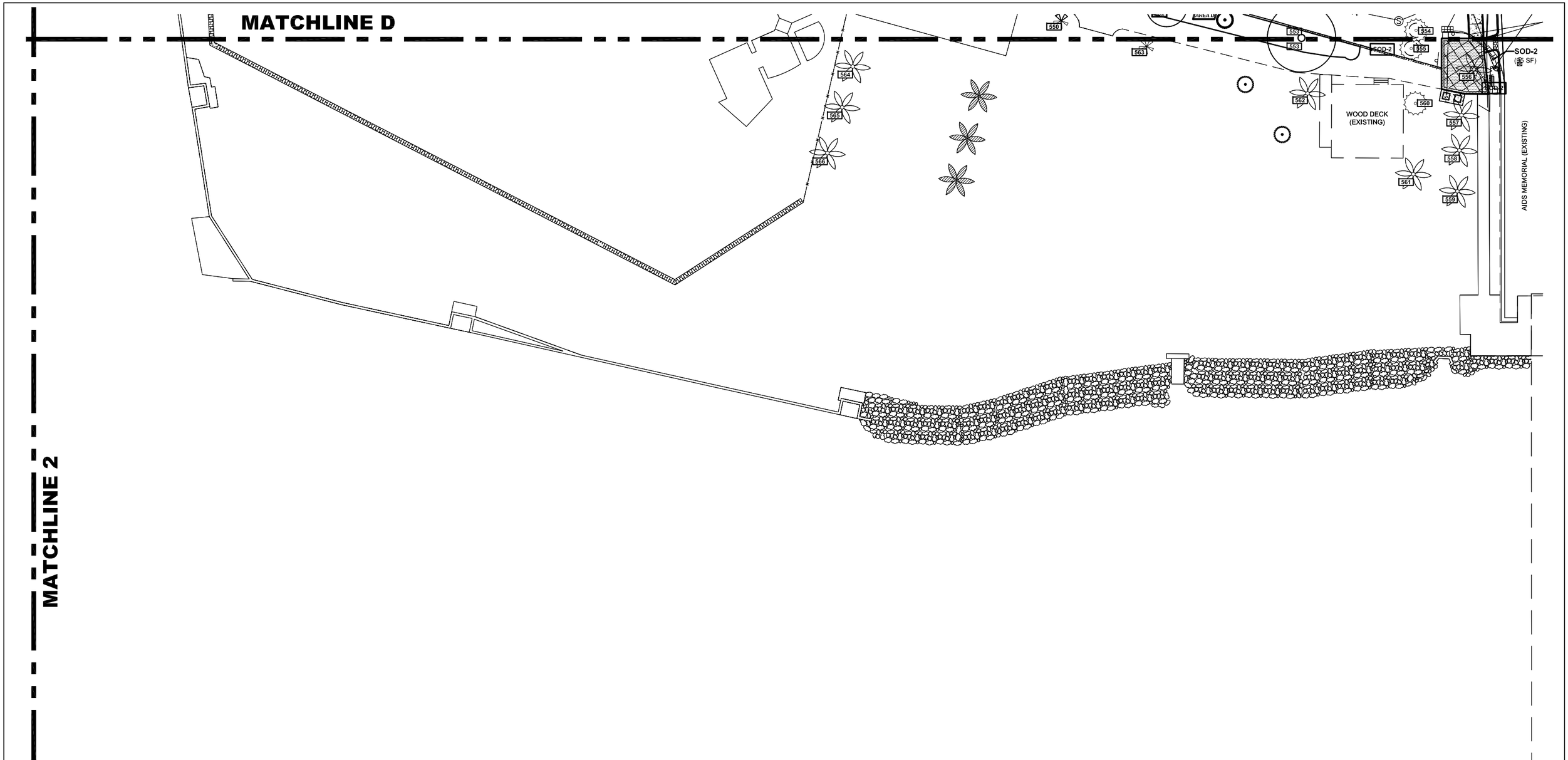
**PLANTING PLAN**

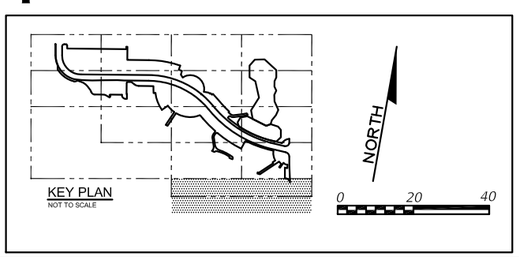
TREE PERMIT

04.10.2017

SHEET NO.

**LP-06**




| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |

LAOR

Leticia Fernandez-Beraud, RLA
LA6666720
**FERNANDEZ-BERAUD, INC.**
Landscape Architecture and Planning

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558

**MONROE COUNTY**
**PUBLIC WORKS/ENGINEERING DIVISION**

PROJECT NAME

RELOCATION OF ATLANTIC BOULEVARD

**PLANTING PLAN**

**TREE PERMIT** **04.10.2017**

**SHEET NO.**

**LP-07**

# PLANTING LEGEND

| TREE NAME Scientific & Common | *Coccoloba diversifolia* Pigeon Plum (CD) | *Bursera simaruba* Gumbo Limbo (BS) | *Coccoloba uvifera* Seagrape (CU) | *Conocarpus erectus* Green Buttonwood (CE-A) | *Conocarpus erectus 'sericeus'* Silver Buttonwood (CES-A) | *Guapira discolor* Blolly (GD) | *Lysiloma latisilqua* Wild Tamarind (LL) | *Myrcianthes fragrans* Simpson Stopper (MF) | *Piscidia piscipula* Jamaican Dogwood (PP) | *Swietenia mahagoni* Mahogany (SM) |
|---|---|---|---|---|---|---|---|---|---|---|
| NEW TREE SYMBOL | | | | | | | | | | |

| SHRUB NAME Scientific & Common | *Ardisia escallonioides* Marlberry (AE) | *Capparis cynophallophora* Jamaican Caper (CC) | *Eugenia foetida* Spanish Stopper (EF) | *Genipa clusifolia* Seven Year Apple (GC) | *Guaiacum sanctum* Lignum Vitae (GS) | *Hamelia patens 'Compacta'* Dwarf Firebush (HP) | *Psichotria sulzneri* Shortleaf Coffee (PS) |
|---|---|---|---|---|---|---|---|
| NEW SHRUB SYMBOL | | | | | | | |

| GROUDCOVER Scientific & Common | *Ernodea littoralis* Golden Creeper (EL) | *Hymenocallis latifolia* Mangrove Spiderlily (HL) | *Ipomoea pes-caprae* Railroad Vine (IP) | *Sesuvium portulacastrum* Sea Purslane (SeP) | *Spartina patens* Salt Cordgrass (SP) | *Stachytarpheta jamaicensis* Blue Porterweed (SJ) | *Arachis glabrata 'Ecoturf'* Perennial Peanut (SOD-1) | *Paspalum notatum 'Argentine'* Bahiagrass (SOD-2) | Mulch | Beach Sand |
|---|---|---|---|---|---|---|---|---|---|---|
| NEW GROUNDCOVER SYMBOL | | | | | | | | | | |

0 10 20

| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |

LAOR

Leticia Fernandez-Beraud, RLA
LA6666720
**FERNANDEZ-BERAUD, INC.**
Landscape Architecture and Planning

**MONROE COUNTY**
PUBLIC WORKS/ENGINEERING DIVISION
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558

MONROE COUNTY
PUBLIC WORKS/ENGINEERING DIVISION

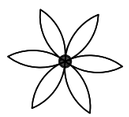
PROJECT NAME
RELOCATION OF ATLANTIC BOULEVARD

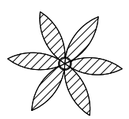
PLANTING LEGEND

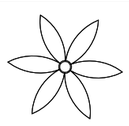
TREE PERMIT 04.10.2017

SHEET NO.
LP-08A

# PLANTING LEGEND

| | | | |
|---|---|---|---|
| **PALM NAME Scientific & Common** | ***Cocos nucifera*** Coconut Palm **(CN)** | ***Leucothrinax morrissii*** Silver Thatch Palm **(LM)** | ***Thrinax radiata*** Florida Thatch Palm **(TR)** |
| **NEW PALM SYMBOL** |  | | |

| | | | |
|---|---|---|---|
| **RELOCATED Scientific & Common** | ***Cocos nucifera*** Coconut Palm **RELOCATED (CN-R)** | ***Bursera simaruba*** Gumbo Limbo **RELOCATED (BS-R)** | ***Swietenia mahagoni*** Mahogany **RELOCATED (SM-R)** |
| **RELOCATED PLANT SYMBOL** |  | | |

| | | | | |
|---|---|---|---|---|
| **REMAIN Scientific & Common** | ***Cocos nucifera*** Coconut Palm **REMAIN [XXX]** Tree ID Number | **Various trees REMAIN [XXX]** Tree ID Number | ***Sabal palmetto*** Sabal Palm **REMAIN [XXX]** Tree ID Number | ***Leucothrinax morrissii*** Silver Thatch Palm REMAIN **[XXX]** Tree ID Number |
| **REMAINING PLANT SYMBOL** |  | | | |

0 10 20

## PLANT MITIGATION CALCULATIONS
## ATLANTIC BOULEVARD RELOCATION AT HIGGS BEACH PARK

NEW TREES — TREE MITIGATION CALCULATIONS

| QUANT. | SYMBOL | SCIENTIFIC NAME | COMMON NAME | SIZE | NUMBER OF NEW TREES | CALIPER OF NEW TREES | SUB-TOTAL QUANTITY OF MITIGATION |
|---|---|---|---|---|---|---|---|
| | | | | | (each) | (inches) | (inches) |
| 10 | BS | *Bursera simaruba* | Gumbo Limbo | 30 Gal | 10 | 3 | 30 |
| 12 | CD | *Coccoloba diversifolia* | Pigeon Plum | 25 Gal | 12 | 1.5 | 18 |
| 18 | CU | *Coccoloba uvifera* | Seagrape | 25 Gal | 18 | 1.5 | 27 |
| 42 | CE-A | *Conocarpus erectus* | Green Buttonwood | 25 Gal. | 42 | 1.75 | 73.5 |
| 29 | CE-B | *Conocarpus erectus* | Green Buttonwood | 15 Gal | 29 | 1 | 29 |
| 5 | CES-A | *Conocarpus erectus 'sericeus'* | Silver Buttonwood | 25 Gal | 5 | 1.75 | 8.75 |
| 14 | GD | *Guapira discolor* | Blolly | 25 Gal | 14 | 1.5 | 21 |
| 9 | LL | *Lysiloma latisilqua* | Wild Tamarind | 30 Gal | 9 | 2.5 | 22.5 |
| 42 | MF | *Myrcianthes fragrans* | Simpson Stopper | 25 Gal | 42 | 1 | 42 |
| 6 | PP | *Piscidia piscipula* | Jamaican Dogwood | 25 Gal | 6 | 1.5 | 9 |
| 50 | SM | *Swietenia mahogani* | Mahogany | 30 Gal | 50 | 1.5 | 75 |
| | | | | | | | |
| 237 | *Total new trees* | | *TOTAL QUANTITY OF MITIGATION (inches)* | | | | 355.75 |

NEW SMALL PALMS

| QUANT. | SYMBOL | SCIENTIFIC NAME | COMMON NAME | SIZE | NUMBER OF NEW TREES | | SUB-TOTAL QUANTITY OF MITIGATION |
|---|---|---|---|---|---|---|---|
| | | | | | | | (number of new palms) |
| 41 | LM | *Leucothrinax morrisii* | Silver Thatch Palm | 15 Gal | 41 | (3'-5' ht.) | 41 |
| 41 | TR | *Thrinax radiata* | Florida Thatch Palm | 10 Gal | 41 | (3'-5' ht.) | 41 |
| 82 | *Total new small palms* | | | | | | |

**TREES**

*MITIGATION SUMMARY FOR REGULATED TREES (04-10-2017)*
*Atlantic Boulevard Relocation at Higgs Beach Park*

| | |
|---|---|
| Regulated Tree Canopy To be removed & mitigated | 326.5 inches |
| Regulated Tree Canopy Mitigation to be provided | 355.75 inches |

**PALMS**

*MITIGATION SUMMARY FOR REGULATED PALMS (04-10-17)*
*Atlantic Boulevard Relocation at Higgs Beach Park*

| | |
|---|---|
| Regulated Palms To be removed & mitigated | 17 each |
| Regulated Tree Canopy Mitigation to be provided | 82 each ** |

*** Slightly smaller than the required 4' ht. minumum.*

| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |

LAOR

Leticia Fernandez-Beraud, RLA
LA6666720
**FERNANDEZ-BERAUD, INC.**
Landscape Architecture and Planning

**MONROE COUNTY**
PUBLIC WORKS/ENGINEERING DIVISION
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558

MONROE COUNTY
PUBLIC WORKS/ENGINEERING DIVISION
PROJECT NAME
RELOCATION OF ATLANTIC BOULEVARD

**PLANTING LEGEND & PLANT MITIGATION PROVIDED**

TREE PERMIT 04.10.2017

SHEET NO.
**LP-08B**

# PLANT LIST (04-10-2017)

## ATLANTIC BOULEVARD RELOCATION AT HIGGS BEACH PARK

### TREES

| QUANT. | SYMBOL | SCIENTIFIC NAME | COMMON NAME | NATIVE | SALT TOLERANT | SIZE | SPACING | NOTES | WATER REQUIREMENT | MATURE PLANT SIZE (Height x Width) (FEET) | WIND RESISTANCE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | BS | *Bursera simaruba* | Gumbo Limbo | * | H | 30 Gal | As Shown | 3" min. caliper; 12' o.a. min.; 5' spread min. / single, strong & straight leader; symetrical and full canopy; Florida #1 or better. | LOW | 40' x 35' | Highest |
| 12 | CD | *Coccoloba diversifolia* | Pigeon Plum | * | H | 25 Gal | As Shown | 1.5" min. caliper; 10' - 12' o.a. / single strong & straight leader; symetrical and full canopy; Florida #1 or better. | LOW | 25' x 20' | Medium-High |
| 18 | CU | *Coccoloba uvifera* | Seagrape | * | H | 25 Gal | As Shown | 1.5"-2" min. caliper; 8'-10' o.a.; 4.5'-5' min. spread / multitrunk with 3 stems min.; bush; full; Florida #1 or better. | LOW | 30' x 25' | Medium-High |
| 42 | CE-A | *Conocarpus erectus* | Green Buttonwood | * | H | 25 Gal. | As Shown | 1.75"-2" min. caliper; 10'-12' o.a. / air root-pruning container; single, strong & straight leader; Florida # 1 or better. | LOW | 35'x25' | Highest |
| 29 | CE-B | *Conocarpus erectus* | Green Buttonwood | * | H | 15 Gal | As Shown | 1" min. caliper; 6' - 7' o.a. / air root-pruning container; multitrunk with 3 stems min.; bush; full; Florida #1 or better. | LOW | 35'x25' | Highest |
| 5 | CES-A | *Conocarpus erectus 'sericeus'* | Silver Buttonwood | * | H | 25 Gal | As Shown | 1.75"-2" min. caliper; 8'-10' o.a.; 4.5'-5' min. spread / multitrunk with 3 stems min.; bush; full; Florida #1 or better. | LOW | 25'x20' | Highest |
| 14 | GD | *Guapira discolor* | Blolly | * | H | 25 Gal | As Shown | 1.5"-2" min. caliper; 10'-12' o.a.; 4'-5' min. spread / single, strong & straight leader; symetrical and full canopy; Florida #1 or bette | LOW | 30' x 40' | |
| 9 | LL | *Lysiloma latisilqua* | Wild Tamarind | * | H | 30 Gal | As Shown | 2.5"-3" min. caliper, 10' - 12' o.a. / single strong & straight leader; symetrical and full canopy; Florida #1 or better. | LOW | 40'x30' | Medium-High |
| 42 | MF | *Myrcianthes fragrans* | Simpson Stopper | * | H | 25 Gal | As Shown | 1"-1.5" min. caliper; 6'-7' o.a.; 4' min. spread / single, strong & straight leader; symetrical and full canopy; Florida #1 or better. | LOW | 25'x15' | Good performer |
| 6 | PP | *Piscidia piscipula* | Jamaican Dogwood | * | H | 25 Gal | As Shown | 1.5"-2" min. caliper; 10'-12' o.a.; 4'-5' min. spread / single, strong & straight leader; symetrical and full canopy; Florida #1 or bette | LOW | 45' x 25' | |
| 50 | SM | *Swietenia mahogani* | Mahogany | * | M | 30 Gal | As Shown | 1.5"-2" min. caliper; 10'-12' o.a.; 4'-5' min. spread / single, strong & straight leader; symetrical and full canopy; Florida #1 or bette | LOW | 80'X25' | Highest |
| 237 | *Total new trees* | | | | | | | | | | |

### LARGE PALMS

| QUANT. | SYMBOL | SCIENTIFIC NAME | COMMON NAME | NATIVE | SALT TOLERANT | SIZE | SPACING | NOTES | WATER REQUIREMENT | MATURE PLANT SIZE (Height x Width) (FEET) | WIND RESISTANCE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | CN | *Cocos nucifera 'Green Malayan'* | Coconut Palm | No | H | 3' G.W. | As Shown | G.W. (grey wood); full frond; Florida #1 or better. | MEDIUM | 80'x18' | Medium-High |
| 40 | *Total new large palms* | | | | | | | | | | |

### SMALL PALMS

| QUANT. | SYMBOL | SCIENTIFIC NAME | COMMON NAME | NATIVE | SALT TOLERANT | SIZE | SPACING | NOTES | WATER REQUIREMENT | MATURE PLANT SIZE Typical height | WIND RESISTANCE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | LM | *Leucothrinax morrisii* | Silver Thatch Palm | * | H | 15 Gal | As Shown | 4'-5' o.a. / Florida # 1 or better. / ALTERNATE: 10 Gal. | LOW | to 20' | Highest |
| 41 | TR | *Thrinax radiata* | Florida Thatch Palm | * | H | 10 Gal | As Shown | 4'-5' o.a. / Florida # 1 or better / ALTERNATE: 7 Gal. | LOW | 20' | Highest |
| 82 | *Total new small palms* | | | | | | | | | | |

### SHRUBS

| QUANT. | SYMBOL | SCIENTIFIC NAME | COMMON NAME | NATIVE | SALT TOLERANT | SIZE | SPACING | NOTES | WATER REQUIREMENT | MATURE PLANT SIZE Typical height | WIND RESISTANCE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | AE | *Ardisia escallonioides* | Marlberry | * | H | 7 Gal | As Shown | 48" o.a.; 24"-36" spread / bush form; full; Florida #1 or better. | MEDIUM | 10' - 20' | |
| 32 | CC | *Capparis cynophyllophora* | Jamaican Caper | * | H | 7 Gal | As Shown | 48" o.a.; 24"-36" spread / bush form; full; Florida #1 or better. | LOW | 9' - 16' | |
| 18 | EF | *Eugenia foetida* | Spanish Stopper | * | H | 7 Gal | As Shown | 48" o.a.; 24"-36" spread / bush form; full; Florida #1 or better. | LOW | 15' | |
| 12 | GC | *Genipa clusifolia* | Seven Year Apple | * | H | 7 Gal | As Shown | 36"-48" o.a.; 24" spread / bush for; Florida #1 or better. | LOW | 8' | |
| 31 | GS | *Guaiacum sanctum* | Lignum vitae | * | H | 7 Gal | As Shown | 1" cal.; 48" o.a. min.; 36" spread / single leader, Florida # 1 or better | LOW | 15' | |
| 83 | HP | *Hamelia patens var. 'Compacta'* | Dwarf Firebush | * | M | 3 Gal | As Shown | 24" min. / bush form; full; Florida #1 or better. | MEDIUM | 8' | |
| 42 | PS | *Psychotria sulzneri* | Shortleaf Coffee | * | M | 3 Gal | As Shown | 24" min. / bush form; full; Florida #1 or better. | MEDIUM | 6' | |
| 238 | *Total new shrubs* | | | | | | | | | | |

### GROUNDCOVER

| QUANT. | SYMBOL | SCIENTIFIC NAME | COMMON NAME | NATIVE | SALT TOLERANT | SIZE | SPACING | NOTES | WATER REQUIREMENT | MATURE PLANT SIZE | WIND RESISTANCE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | EL | *Ernodea littoralis* | Golden Creeper | * | H | 3 Gal | 24 "O.C. | Full pot / Install at a distance of 18" from the edge of pavement or curb. | LOW | 2' | NA |
| | HL | *Hymenocallis latifolia* | Mangrove spiderlily | * | H | 3 Gal | 24 "O.C. | Full pot / Install at a distance of 18" from the edge of pavement or curb. | LOW | 3' | NA |
| | IP | *Ipomoea pes-caprae* | Railroad Vine | * | H | 1 Gal | 24 "O.C. | Full pot / Install at a distance of 18" from the edge of pavement or curb. | LOW | to 1' | NA |
| | SeP | *Sesuvium portulacastrum* | Sea Purslane | * | H | 1 Gal | 36 "O.C. | Full pot / Install at a distance of 18" from the edge of pavement or curb. | LOW | to 1' | NA |
| | SP | *Spartina patens* | Salt Cordgrass | * | H | 3 Gal | 36 " O.C | Full pot / Install at a distance of 24" from the edge of pavement or curb. | LOW | 2' | NA |
| | SJ | *Stachytarpheta jamaicensis* | Blue Porterweed | * | H | 1 Gal | 24 " O.C | Full pot / Install at a distance of 18" from the edge of pavement or curb. | LOW | 2' | NA |
| 0 | *Total new groundcover* | | | | | | | | | | |

### SOD

| QUANT. | SYMBOL | SCIENTIFIC NAME | COMMON NAME | NATIVE | SALT TOLERANT | SIZE | SPACING | NOTES | WATER REQUIREMENT | MATURE PLANT SIZE | WIND RESISTANCE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10028 | SOD-1 | *Arachis glabrata 'Ecoturf'* | Perennial Peanut | | H | Sod / SF | | In panels / Free of weeds. Refer to specifications. | LOW | | |
| 152174 | SOD-2 | *Paspalum notatum - 'Argentine'* | Bahiagrass | | H | Sod / SF | | Free of weeds. Refer to specifications. | LOW | | |
| 162,202 | *Total new sod (SF)* | | | | | | | | | | |

| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |


LAOR

Leticia Fernandez-Beraud, RLA
LA6666720

FERNANDEZ-BERAUD, INC.
Landscape Architecture and Planning

MONROE COUNTY
PUBLIC WORKS/ENGINEERING DIVISION
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558


MONROE COUNTY
PUBLIC WORKS/ENGINEERING DIVISION

PROJECT NAME

RELOCATION OF ATLANTIC BOULEVARD

PLANT LIST

TREE PERMIT

04.10.2017

SHEET NO.

LP-08C

## PLANT TABULATION - Atlantic Blvd. Relocation at Higgs Beach Park

| NEW TREES | | LP-08 | LP-09 | LP-10 | LP-11 | LP-12 | LP-13 | LP-14 | LP-15 | LP-16 | LP-17 | LP-18 | LP-19 | LP-20 | LP-21 | SUB-TOTAL (ea) | TOTAL (each) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCIENTIFIC NAME | COMMON NAME | | | | | | | | | | | | | | | | 237 |
| *Bursera simaruba* | Gumbo Limbo | | 5 | 1 | 1 | | 1 | | 2 | | | | | | | 10 | |
| *Coccoloba diversifolia* | Pigeon Plum | 9 | | 3 | | | | | | | | | | | | 12 | |
| *Coccoloba uvifera* | Seagrape | | 3 | | | 7 | | | | | | | | 6 | 2 | 18 | |
| *Conocarpus erectus (A)* | Green Buttonwood (A) | | 9 | 3 | 10 | 10 | | 2 | 6 | 1 | | | 1 | | | 42 | |
| *Conocarpus erectus (B)* | Green Buttonwood (B) | | | 9 | | | 9 | | | | 4 | 7 | | | | 29 | |
| *Conocarpus erectus 'Sericeus'* | Silver Buttonwood | | | | | | | | 2 | 3 | | | | | | 5 | |
| *Guapira discolor* | Blolly | | | 7 | | | 2 | | | | 3 | 2 | | | | 14 | |
| *Lysiloma latisiliqua* | Wild Tamarind | | | | | | | | 2 | 1 | | | | 6 | | 9 | |
| *Myrcianthes fragrans* | Simpson Stopper | | 9 | | 17 | | | 2 | 12 | | | | 2 | | | 42 | |
| *Piscidia piscipula* | Jamaican Dogwood | | | 2 | | | 2 | 1 | | | 1 | | | | | 6 | |
| *Swietenia mahogani* | Mahogany | | | 4 | 10 | 5 | 2 | 10 | 14 | | | | 5 | | | 50 | |

| NEW LARGE PALMS | | LP-08 | LP-09 | LP-10 | LP-11 | LP-12 | LP-13 | LP-14 | LP-15 | LP-16 | LP-17 | LP-18 | LP-19 | LP-20 | LP-21 | SUB-TOTAL (ea) | TOTAL (each) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCIENTIFIC NAME | COMMON NAME | | | | | | | | | | | | | | | | 40 |
| *Cocos nucifera* | Coconut Palm | 5 | 6 | | 1 | 12 | | | | 5 | | 2 | 2 | 7 | | 40 | |

| NEW SMALL PALMS | | LP-08 | LP-09 | LP-10 | LP-11 | LP-12 | LP-13 | LP-14 | LP-15 | LP-16 | LP-17 | LP-18 | LP-19 | LP-20 | LP-21 | SUB-TOTAL (ea) | TOTAL (each) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCIENTIFIC NAME | COMMON NAME | | | | | | | | | | | | | | | | 82 |
| *Leucotirinax morrisii* | Silver Thatch Palm | | 8 | | 7 | | | | 2 | | | | 24 | | | 41 | |
| *Thrinax radiata* | Florida Thatch Palm | 10 | 3 | 13 | 10 | | | | | | 2 | 3 | | | | 41 | |

| RELOCATED TREES | | LP-08 | LP-09 | LP-10 | LP-11 | LP-12 | LP-13 | LP-14 | LP-15 | LP-16 | LP-17 | LP-18 | LP-19 | LP-20 | LP-21 | SUB-TOTAL (ea) | TOTAL (each) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCIENTIFIC NAME | COMMON NAME | | | | | | | | | | | | | | | | 7 |
| *Bursera simaruba (Relocated)* | Gumbo Limbo | | | | | | | | | | | 2 | 2 | | | 4 | |
| *Conocarpus erectus 'Sericeus' (Reloc* | Silver Buttonwood | | | | | | | | | | | 1 | | | | 1 | |
| *Swietenia mahogani (Relocated)* | Mahogany | | | | | | | | | | | | 2 | | | 2 | |
| | | | | | | | | | | | | | | | | | |

| RELOCATED LARGE PALMS | | LP-08 | LP-09 | LP-10 | LP-11 | LP-12 | LP-13 | LP-14 | LP-15 | LP-16 | LP-17 | LP-18 | LP-19 | LP-20 | LP-21 | SUB-TOTAL (ea) | TOTAL (each) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCIENTIFIC NAME | COMMON NAME | | | | | | | | | | | | | | | | 97 |
| *Cocos nucifera (Relocated)* | Coconut Palm | 13 | 6 | 3 | 12 | 9 | | | | 3 | 2 | 11 | 20 | 15 | 3 | 97 | |

| NEW SHRUBS | | LP-08 | LP-09 | LP-10 | LP-11 | LP-12 | LP-13 | LP-14 | LP-15 | LP-16 | LP-17 | LP-18 | LP-19 | LP-20 | LP-21 | SUB-TOTAL (ea) | TOTAL (each) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCIENTIFIC NAME | COMMON NAME | | | | | | | | | | | | | | | | 252 |
| *Ardisia escallonioides* | Marlberry | | | | | | 2 | | | | 18 | | | | | 20 | |
| *Capparis cynophyllophora* | Jamaican Caper | | | | | | | 19 | 4 | | | | 9 | | | 32 | |
| *Eugenia foetida* | Spanish Stopper | 18 | | | | | | | | | | | | | | 18 | |
| *Genipa clusifolia* | Seven Year Apple | | 2 | | 3 | 7 | | | | | | | | | | 12 | |
| *Guaiacum sanctum* | Lignum vitae | | | | | | | | | | | | 11 | 20 | | 31 | |
| *Hamelia patens 'Compacta'* | Dwarf Fire Bush | | | | | | | | | | 29 | 25 | 34 | | | 88 | |
| *Psychotria sulzneri* | Shortleaf Coffee | | | | | | | | | | | 3 | 48 | | | 51 | |

| NEW GROUNDCOVER | | LP-08 | LP-09 | LP-10 | LP-11 | LP-12 | LP-13 | LP-14 | LP-15 | LP-16 | LP-17 | LP-18 | LP-19 | LP-20 | LP-21 | SUB-TOTAL (ea) | TOTAL (each) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCIENTIFIC NAME | COMMON NAME | | | | | | | | | | | | | | | | 0 |
| *Ernodea littoralis* | Golden Creeper | | | | | | | | | | | | | | | 0 | |
| *Hymenocallis latifolia* | Mangrove Spiderlily | | | | | | | | | | | | | | | 0 | |
| *Ipomoea pes-caprae* | Railroad Vine | | | | | | | | | | | | | | | 0 | |
| *Sesuvium portulacastrum* | Sea Purslane | | | | | | | | | | | | | | | 0 | |
| *Spartina patens* | Salt Cordgrass | | | | | | | | | | | | | | | 0 | |
| *Stachytarpheta jamaicensis* | Blue Porterweed | | | | | | | | | | | | | | | 0 | |

| NEW SOD | | LP-08 | LP-09 | LP-10 | LP-11 | LP-12 | LP-13 | LP-14 | LP-15 | LP-16 | LP-17 | LP-18 | LP-19 | LP-20 | LP-21 | SUB-TOTAL (SF) | TOTAL (SF) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCIENTIFIC NAME | COMMON NAME | | | | | | | | | | | | | | | | |
| *Arachis glabrata 'Ecoturf'* | Perennial Peanut | 2504 | 2000 | 898 | | | | | | | | | | 4940 | | 10342 | 10342 |
| *Paspalum notatum - 'Argentine'* | Bahiagrass | 2158 | 858 | 3380 | 9133 | 9820 | 14110 | 20658 | 23778 | 6212 | 7961 | 17844 | 16593 | 24132 | | 156637 | 156637 |

| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |


LAOR

Leticia Fernandez-Beraud, RLA
LA6666720

FERNANDEZ-BERAUD, INC.
Landscape Architecture and Planning



MONROE COUNTY
PUBLIC WORKS/ENGINEERING DIVISION
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558


MONROE COUNTY
PUBLIC WORKS/ENGINEERING DIVISION

PROJECT NAME

RELOCATION OF ATLANTIC BOULEVARD

PLANT TABULATION

TREE PERMIT

04.10.2017

SHEET NO.

LP-08D

## NOTES:

1) **PLANS SUPERCEDE TABULATIONS.** LANDSCAPE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL PLANT QUANTITIES AND BUILD AS PER PLANS, EVEN IF THERE IS A DISCREPANCIES BETWEEN PLANT LIST QUANTITIES AND PLANS. IN CASE OF DISCREPANCIES, NOTIFY LANDSCAPE ARCHITECT.

2) **PLANS ARE INCOMPLETE WITHOUT SPECIFICATIONS**. LANDSCAPE CONTRACTOR IS RESPONSIBLE TO FOLLOW ALL SPECIFICATIONS REQUIREMENTS.

3) **ALL PLANT SPECIFICATIONS** IN TERMS OF GALLONAGE, HEIGHT, CANOPY, CALIPER, AND, DBH **SHALL BE FULFILLED, EVEN THOUGH IF IT MEANS TO SURPASS SOME OF THOSE SPECIFICATIONS.**

4) **ALL PLANT LAYOUT SHALL BE APPROVED BY LANDSCAPE ARCHITECT** PRIOR TO INSTALLATION. LANDSCAPE CONTRACTOR IS RESPONSIBLE TO CONTACT LANDSCAPE ARCHITECT AT LEAST 10 BUSINESS DAYS PRIOR TO INSTALLATION, IN ORDER TO REVIEW PLANTING LAYOUT.

5) LANDSCAPE CONTRACTOR IS RESPONSIBLE TO SUBMIT TO THE LANDSCAPE ARCHITECT UNIT PRICES OF ALL LANDSCAPE MATERIAL.

6) **LANDSCAPE CONTRACTOR IS RESPONSIBLE TO SUBMIT TO THE LANDSCAPE ARCHITECT PHOTOGRAPHS OF ALL PLANT MATERIAL**, SHOP DRAWINGS OF LANDSCAPE EDGING (IF REQUIRED), HORTICULTURAL SOIL ANALYSIS (AS PER SPECIFICATIONS), SAMPLES OF MULCH, RIVER ROCK, FILTER FABRIC, OR ANY OTHER REQUIRED SUBMITTAL AS PER SPECIFICATIONS.

7) LANDSCAPE CONTRACTOR IS RESPONSIBLE TO RE-INSTALL AND/OR REPLACE ANY PLANT MATERIAL THAT HAS NOT BEEN APPROVED OR THAT IS UNACCEPTABLE TO THE LANDSCAPE ARCHITECT.

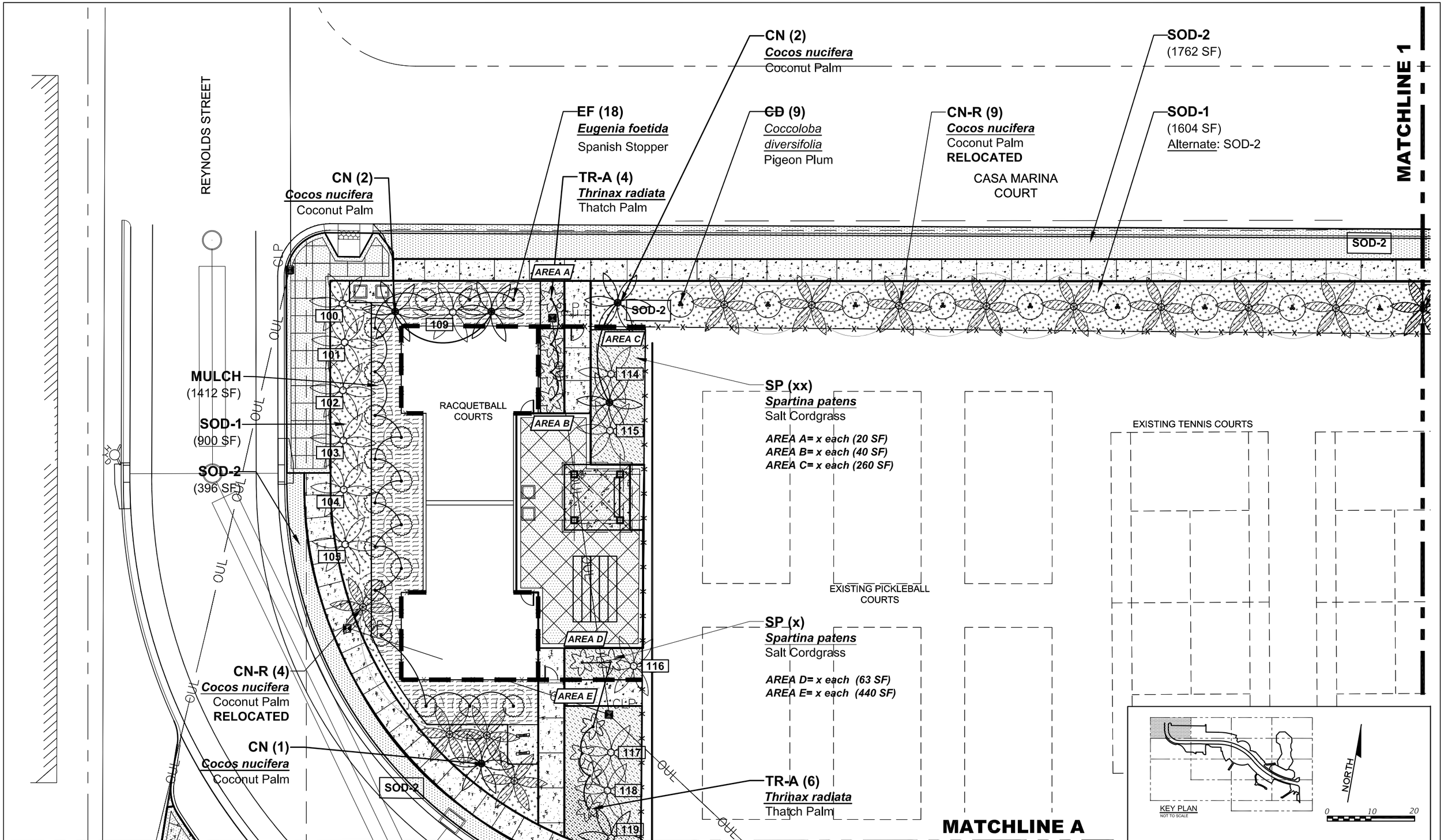
8) ALL GROUNDCOVER SHALL BE PLANTED AT DISTANCES TO EDGE OF PAVEMENTS / SEATING WALLS CONSIDERING THE FUTURE MATURE SIZE OF PLANT. IN CASE THAT THE GROUNDCOVER IS INSTALLED TOO CLOSE TO THESE EDGES, LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE TO RE-INSTALL THE PLANT MATERIAL AT NO COST TO THE PROJECT. REFER TO PLANT LIST AND PLANTING DETAILS.

9) ALL SOD PANELS TO BE INSTALLED EVENLY, TO MEET SMOOTHLY EXISTING SOD AND ACCORDING TO THE PLANTING DETAILS.

10) ALL PLANT MATERIAL SHALL MEET OR EXCEED ALL SIZE REQUIREMENTS.

11) AS PART OF THE CONTRACT, ALL INVASIVE TREES (BRAZILIAN PEPPER, LEAD TREE AND MAHOE) ON THE ENTIRE SITE SHALL BE REMOVED.

12) ALL LANDSCAPE WORK SHALL BE KEPT AWAY FROM THE EXISTING WHISTLING DUCK POND AND THE FAA TOWER, WHICH ARE CONSIDERED TO BE A JURISDICTIONAL WETLANDS AREA.




| REVISIONS | | |
|---|---|---|
| DATE | BY | DESCRIPTION |
| | | |

LAOR

Leticia Fernandez-Beraud, RLA
LA6666720
**FERNANDEZ-BERAUD, INC.**
Landscape Architecture and Planning

**MONROE COUNTY**
PUBLIC WORKS/ENGINEERING DIVISION
1100 Simonton Street, Suite 2-231
Key West, Florida 33040
(305) 292-4560 FAX (305) 292-4558

MONROE COUNTY
PUBLIC WORKS/ENGINEERING DIVISION
PROJECT NAME
RELOCATION OF ATLANTIC BOULEVARD

**ENLARGED PLANTING PLAN**

TREE PERMIT
04.10.2017

SHEET NO.
**LP-08**