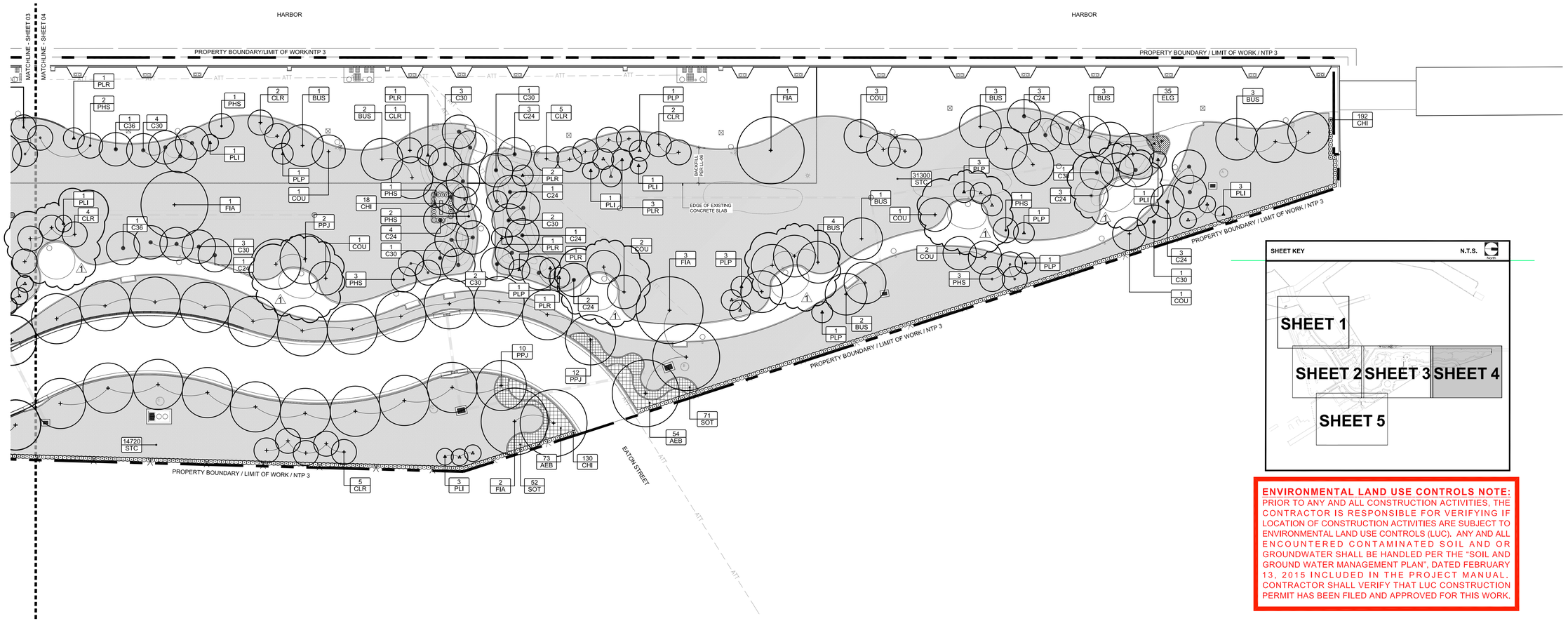

SHEET KEY N.T.S.

ENVIRONMENTAL LAND USE CONTROLS NOTE:
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LANDSCAPE NOTE:
DEFINITIONS OF PLANT TAGS CAN BE FOUND IN THE PLANT MATERIAL LIST ON LL-08

North 0' 15' 30' 60'

BERMELLO AJAMIL & PARTNERS•INC
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3140 FLAGLER AVENUE
KEY WEST, FL 33041

PROJECT NAME:
TRUMAN WATERFRONT PARK

PROJECT LOCATION/ADDRESS:
TRUMAN WATERFRONT PARK
WEST OF FORT STREET AND THE TRUMAN ANNEX DEVELOPMENT,
NORTH OF KEY WEST NAVAL BASE

SUB-CONSULTANT INFORMATION:

PROFESSIONAL SEAL:

KIRK J. OLNEY
FLORIDA REGISTERED LANDSCAPE
LA0001705

SUBMITTAL DESCRIPTION / MILESTONE:

BIDDING
August 30, 2015

REVISIONS:

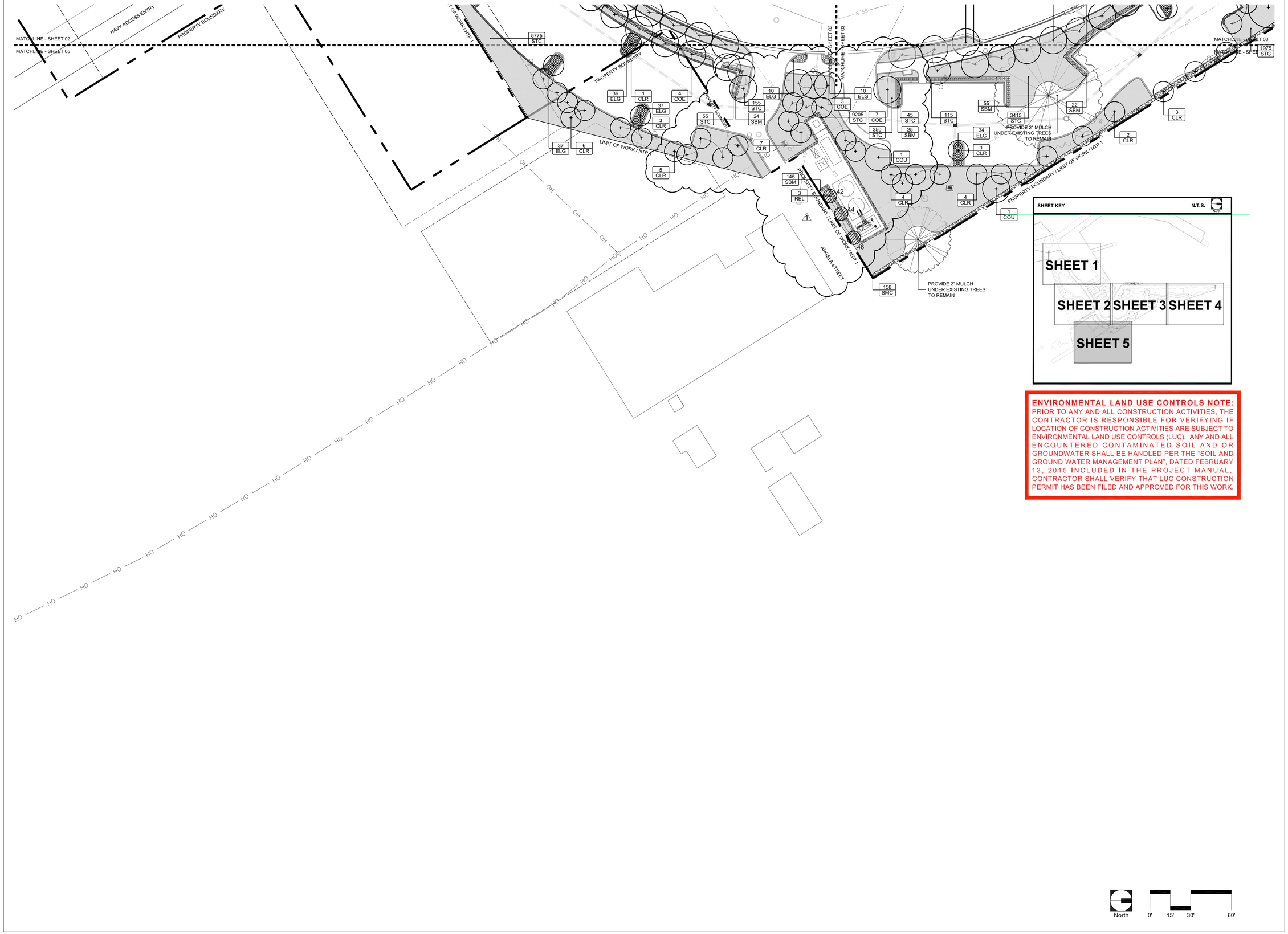
1	09-29-15	ADDENDA No. 2

DRAWING SHEET INFORMATION

BA PROJECT NO.:	14041
SCALE:	1" = 20'-0"
DATE:	
DRAWN BY:	KJO
CHECKED BY:	RPH

DRAWING TITLE:
LANDSCAPE PLAN

SHEET NO.
LL-04



SHEET KEY N.T.S.

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North 0' 15' 30' 60'

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SUB-CONSULTANT INFORMATION:

PROFESSIONAL SEAL:

KIRK J. OLNEY
FLORIDA REGISTERED LANDSCAPE
LA0001705

SUBMITTAL DESCRIPTION / MILESTONE:

BIDDING
August 30, 2015

REVISIONS:

1	09-29-15	ADDENDA No. 2

DRAWING SHEET INFORMATION

BA PROJECT NO.:	14041
SCALE:	1" = 20'-0"
DATE:	
DRAWN BY:	KJO
CHECKED BY:	RPH

DRAWING TITLE:
LANDSCAPE PLAN

SHEET NO.
LL-05

1. CONTRACTOR SHALL GUARANTEE THAT ALL PLANT MATERIAL WILL SURVIVE FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.

2. CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE AND WATERING OF PLANT MATERIAL UNTIL FINAL ACCEPTANCE.

3. IF NECESSARY FOR PLANT VIGOR, THE CONTRACTOR SHALL PROVIDE TEMPORARY IRRIGATION.

4. LOCATION OF ALL UTILITIES AND BASE INFORMATION IS APPROXIMATE. CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES AND OBSTRUCTIONS AND COORDINATE WITH THE CITY PRIOR TO INITIATING INSTALLATION WORK. CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO REPAIR OR REPLACE ANY DAMAGE COMMITTED TO EXISTING ELEMENTS ABOVE OR BELOW GROUND TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE THE CITY.

5. CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COORDINATED WITH THE CITY.

6. CONTRACTOR SHALL FIELD STAKE THE LOCATION OF ALL PLANT MATERIAL PRIOR TO INITIATING INSTALLATION FOR THE REVIEW AND APPROVAL OF THE CITY.

7. CONTRACTOR SHALL SOLELY CLEAN THE WORK AREAS AT THE END OF EACH WORKING DAY. RUBBISH AND DEBRIS SHALL BE COLLECTED AND DISPOSED OF, AS DIRECTED, DAILY. ALL MATERIALS, PRODUCTS, AND EQUIPMENT SHALL BE STORED IN AN ORGANIZED FASHION AS DIRECTED BY THE CITY.

8. ALL PLANT MATERIAL SHALL BE IN FULL AND STRICT ACCORDANCE WITH FLORIDA NO. 1 GRADE, ACCORDING TO THE "GRADES AND STANDARDS FOR NURSERY PLANTS" PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.

9. CONTRACTOR AND EMPLOYEE VEHICLE PARKING SHALL BE COORDINATED WITH THE CITY, SHUTTLING OF EMPLOYEES TO THE PROJECT AREA(S) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL NOT DISRUPT OR CONFLICT IN ANY WAY WITH THE RESIDENTS AND/OR TRAFFIC.

10. CONSTRUCTION ACCESS SHALL BE INDICATED BY THE CITY. COORDINATION OF HEAVY EQUIPMENT AND MATERIALS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATION OF WORK WITH OTHER TRADES.

11. THE CONTRACTOR SHALL TAKE WHATEVER MEANS THAT MAY BE NECESSARY TO FULLY UNDERSTAND ALL THE ACCESS ROUTES, CONSTRUCTION SCHEDULES, AND SECURITY CLEARANCES IN ORDER TO PROVIDE A COMPLETE AND FINISHED PROJECT ON SCHEDULE.

12. CONTRACTOR MUST APPROVE ALL FINE GRADED AREAS PRIOR TO THE COMMENCEMENT OF PLANTING. ONCE PLANT MATERIAL IS INSTALLED, IF DRAINAGE PROBLEMS EXIST IT IS THE CONTRACTORS RESPONSIBILITY TO REMOVE ALL PLANTS, IF NEEDED, REGRADE AREA AND REPLANT AT NO EXTRA COST TO THE CITY.

13. ALL CONTAINER SIZES NOTED ARE MINIMUM. INCREASE SIZE IF NECESSARY TO PROVIDE PLANT HEIGHT AND WIDTH SIZE AND SPECIFICATIONS. ALL HEIGHT AND SPREAD SPECIFICATIONS ARE MINIMUM.

14. SHRUB AND GROUNDCOVER SPACING IS INDICATED ON THE PLANT MATERIAL LIST, UNDER 'SPACING', FOR ALL MASS PLANTING BEDS. TREES, PALMS AND HEDGES ARE SHOWN ON THE PLANTING PLANS AS SYMBOLS AND ARE NOTED AS "AS SHOWN" ON THE PLANT MATERIAL LIST.

15. PALM HEIGHTS AS INDICATED ON THE PLANS REFER TO "CLEAR TRUNK" HEIGHTS, UNLESS OTHERWISE NOTED AS "OA" (OVERALL HEIGHT), OR "GW" (GRAY WOOD). (DATE PALM CLEAR TRUNK SIZE DOES NOT INCLUDE THE NUT.)

16. CONTRACTOR SHALL MULCH ALL NEW PLANT MATERIAL THROUGHOUT AND COMPLETELY TO DEPTH SPECIFIED. ⚠1

17. ANY SUBSTITUTIONS IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY THE CITY. ALL PLANTS WILL BE SUBJECT TO APPROVAL BY CITY BEFORE PLANTING CAN BEGIN.

18. CONTRACTOR SHALL COORDINATE ALL PLANTING WORK WITH IRRIGATION WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HAND WATERING TO SUPPLEMENT IRRIGATION WATERING AND RAINFALL. CONTRACTOR SHALL BE RESPONSIBLE FOR HAND WATERING IN ALL PLANTING AREAS, REGARDLESS OF THE STATUS OF EXISTING OR PROPOSED IRRIGATION.

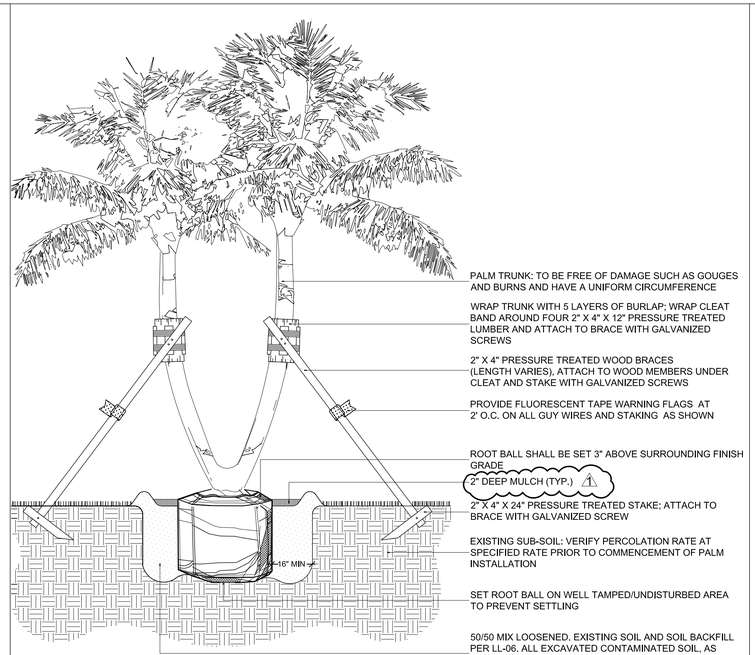
19. CONTRACTOR SHALL REPLACE (BY EQUAL SIZE AND QUALITY) ANY AND ALL EXISTING PLANT MATERIAL DISTURBED OR DAMAGED BY PLANT REMOVAL, RELOCATION, AND/OR INSTALLATION WORK.

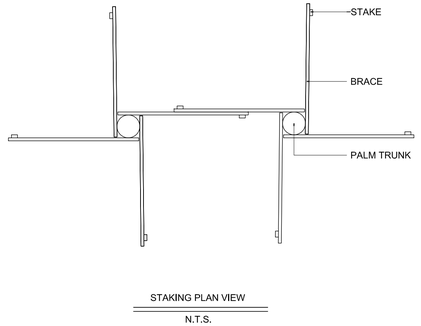
20. CONTRACTOR SHALL PROVIDE 3" DEPTH OF $\frac{3}{4}$" DIAMETER EVENLY GRADED GRAVEL AROUND UTILITY AREAS, WHERE LANDSCAPE IS NOT SHOWN, INCLUDING BUT NOT LIMITED TO TRANSFORMERS, LOAD CENTERS, PUMPS AND STORAGE TANKS. ⚠1

1 LANDSCAPE NOTES

LL-06

SCALE: N/A





STAKING PLAN VIEW

N.T.S.

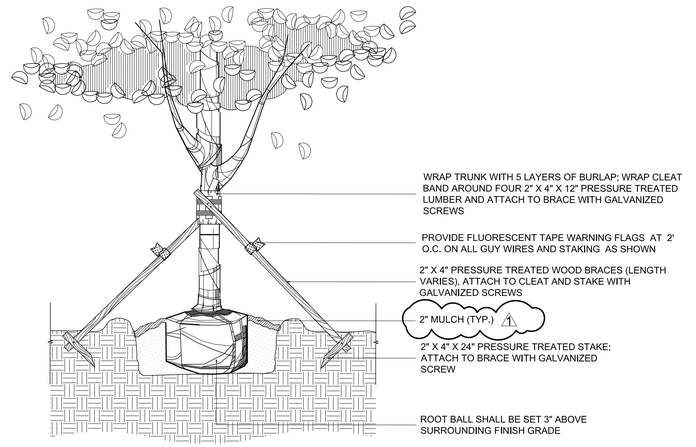
PALM INSTALLATION NOTES:

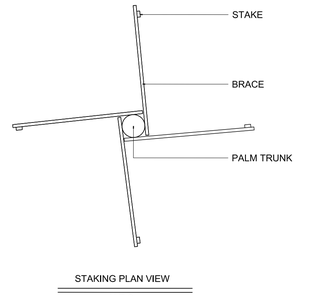
1. ALL PALMS ARE TO BE PLANTED WITH THE ROOT BALL 2" ABOVE FINISHED GRADE.
2. ALL PLANTING AREAS AND PLANTING PITS SHALL BE TESTED FOR SUFFICIENT PERCOLATION (AT A RATE OF 1" OF STANDING WATER IN 10 MINUTES) PRIOR TO INSTALLATION OF PLANT MATERIAL TO ENSURE SUFFICIENT DRAINAGE.
3. PLANT BEDS COMPACTED BY EQUIPMENT AND MACHINERY SHALL BE LOOSENED SO THAT THE SPECIFIED DRAINAGE/PERCOLATION RATE IS ACHIEVED.
4. TOP OF TREE ROOTBALL SHALL BE 2" ABOVE FINISH GRADE.

3 DOUBLE COCONUT PLANTING DETAIL

LL-06

SCALE: 3/8"=1'-0"





STAKING PLAN VIEW

N.T.S.

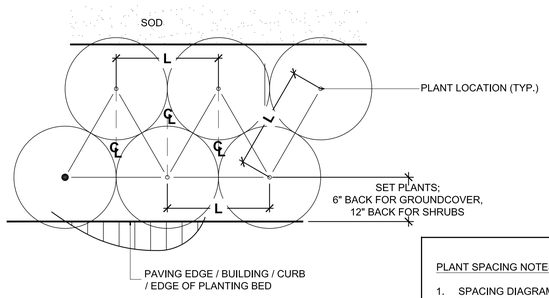
NOTES

1. ALL PLANTING AREAS AND PLANTING PITS SHALL BE TESTED FOR SUFFICIENT PERCOLATION (AT A RATE OF 1" OF STANDING WATER IN 10 MINUTES) PRIOR TO INSTALLATION OF PLANT MATERIAL TO ENSURE SUFFICIENT DRAINAGE.
2. PLANT BEDS COMPACTED BY EQUIPMENT AND MACHINERY SHALL BE LOOSENED SO THAT THE SPECIFIED DRAINAGE/PERCOLATION RATE IS ACHIEVED.
3. TOP OF TREE ROOTBALL SHALL BE 2" ABOVE FINISH GRADE.

5 CANOPY TREE DETAIL

LL-06

SCALE: 3/8"=1'-0"



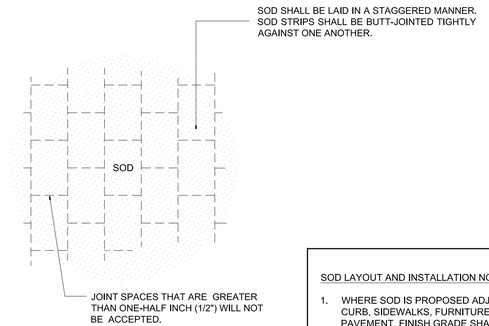
PLANT SPACING NOTES:

1. SPACING DIAGRAM REFERS TO ALL PLANTING UNLESS NOTED OTHERWISE
2. L= SPACING AS CALLED FOR IN PLANTING PLAN AND PLANT LIST

2 SHRUB AND GROUNDCOVER LAYOUT DETAIL

LL-06

SCALE: N.T.S.



SOD LAYOUT AND INSTALLATION NOTES:

1. WHERE SOD IS PROPOSED ADJACENT TO CURB, SIDEWALKS, FURNITURE PADS OR PAVEMENT, FINISH GRADE SHALL BE 3" LOWER PRIOR TO INSTALLATION OF SAID SOD.

4 SOD LAYOUT AND INSTALLATION DETAIL

LL-06

SCALE: N.T.S

1. SOIL BACKFILL SHALL BE NATURAL SURFACE SOIL FROM WELL-DRAINED AREAS, FERTILE, FRIABLE AND FREE OF WEEDS AND TYPICAL OF PRODUCTIVE, CULTIVATED TOPSOIL; POSSESSING CHARACTERISTICS REPRESENTATIVE OF A WELL-DRAINED AREA IN FLORIDA.
2. SOIL CONTAINING MUCK OR POORLY-DRAINED SOILS SHALL NOT BE USED.
3. SOIL BACKFILL SHALL NOT BE EXCESSIVELY ACID OR ALKALINE (PH 5.5 TO 7.0), NOR CONTAIN TOXIC SUBSTANCES SUCH AS LEAD OR MERCURY.
4. SOIL BACKFILL SHALL BE REASONABLY FREE OF CLAY, STONES, STICKS, STUMPS, ROOTS, OR OTHER SIMILAR SUBSTANCES ONE-QUARTER-INCH (1/4") OR MORE IN DIAMETER OR ANY OTHER OBJECT WHICH MAY BE A HINDRANCE TO THE FINISH-GRADING OPERATION OR DETRIMENTAL OR INJURIOUS TO PLANTS. PARTICULAR CARE SHOULD BE TAKEN TO REMOVE PIECES OF MORTAR, CEMENT, WOOD, ROAD ROCK, LIME ROCK CHUNKS AND OTHER SIMILAR REMAINS OF CONSTRUCTION FROM ALL PLANTING AREAS.
5. SOIL BACKFILL SHALL BE AS FOLLOWS: 1/3 TOPSOIL (AS DESCRIBED ABOVE), 1/3 FLORIDA PEAT, AND 1/3 CLEAN D.O.T. SAND.
6. PRIOR TO INSTALLATION OF PLANT MATERIAL, CONTRACTOR SHALL WATER-IN IMPORTED SOIL BACKFILL, TO 2'-0" DEPTH, TO REMOVE ALL AIR POCKETS. CONTRACTOR SHALL PERFORM THIS TASK TWICE, TWO WEEKS APART, MECHANICAL COMPACTION OF PLANTING AREAS, WHERE LIVING SPECIES ARE TO BE LOCATED, IS PROHIBITED.

ENVIRONMENTAL LAND USE CONTROLS NOTE:
PRIOR TO ANY AND ALL CONSTRUCTION ACTIVITIES, THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING IF LOCATION OF CONSTRUCTION ACTIVITIES ARE SUBJECT TO ENVIRONMENTAL LAND USE CONTROLS (LUC), ANY AND ALL ENCOUNTERED CONTAMINATED SOIL AND OR GROUNDWATER SHALL BE HANDLED PER THE "SOIL AND GROUND WATER MANAGEMENT PLAN", DATED FEBRUARY 13, 2015 INCLUDED IN THE PROJECT MANUAL. CONTRACTOR SHALL VERIFY THAT LUC CONSTRUCTION PERMIT HAS BEEN FILED AND APPROVED FOR THIS WORK.

6 SOIL BACKFILL NOTES AND SPECIFICATIONS

LL-06

SCALE: N/A

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PROJECT NAME:
TRUMAN WATERFRONT PARK

PROJECT LOCATION/ADDRESS:
TRUMAN WATERFRONT PARK WEST OF FORT STREET AND THE TRUMAN ANNEX DEVELOPMENT, NORTH OF KEY WEST NAVAL BASE

SUB-CONSULTANT INFORMATION:

PROFESSIONAL SEAL:

KIRK J. OLNEY
FLORIDA REGISTERED LANDSCAPE
LA0001705

SUBMITTAL DESCRIPTION / MILESTONE:

BIDDING
August 30, 2015

REVISIONS:

⚠1	09-29-15	ADDENDA No. 2

DRAWING SHEET INFORMATION

BA PROJECT NO.: 14041
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DATE:
DRAWN BY: KJO
CHECKED BY: RPH

DRAWING TITLE:
LANDSCAPE NOTES AND INSTALLATION DETAILS

SHEET NO.
LL-06

ENVIRONMENTAL LAND USE CONTROLS NOTE:
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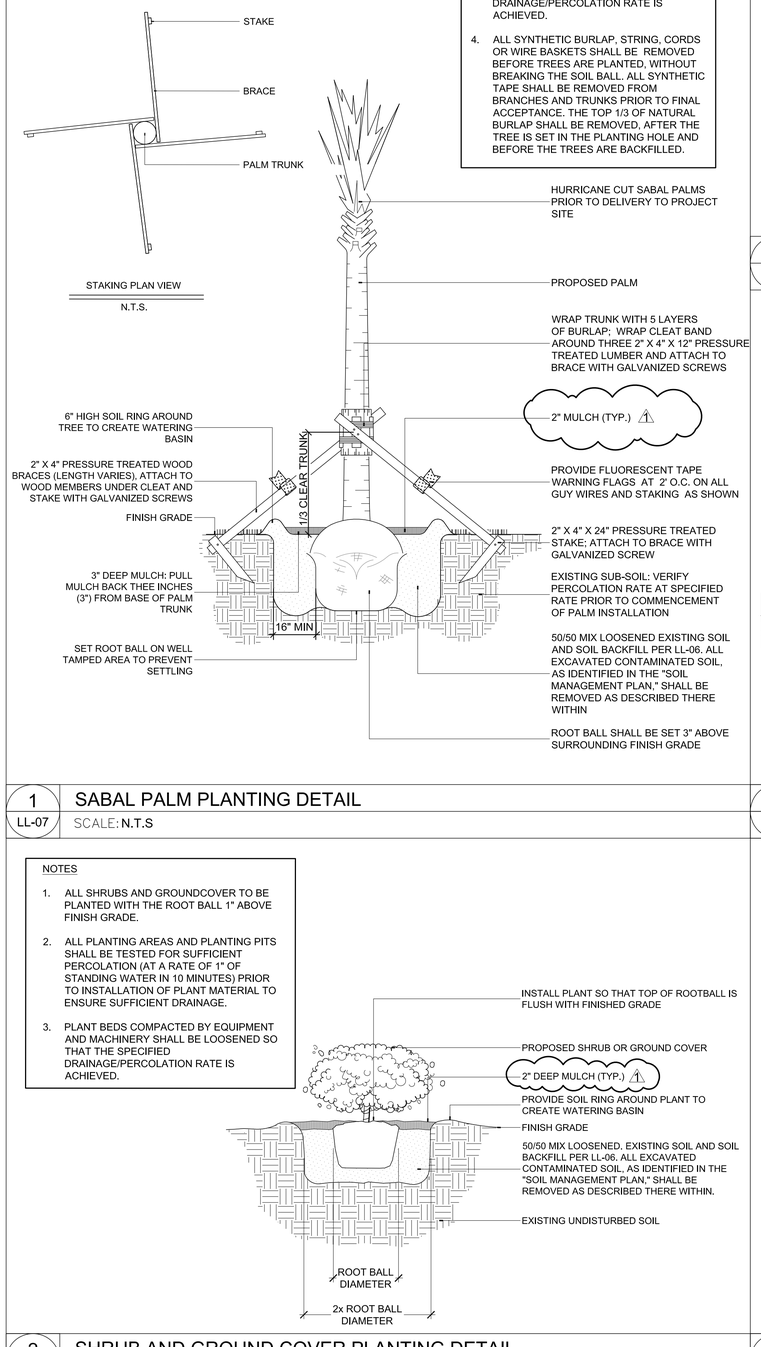
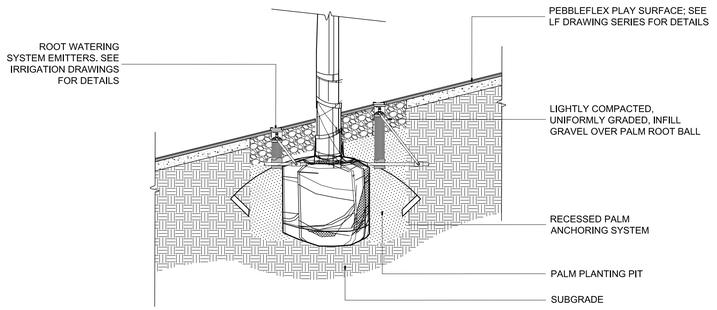
PALM INSTALLATION NOTES:

1. CABBAGE PALMS TO HAVE HURRICANE CUT.
2. ALL PALMS ARE TO BE PLANTED WITH THE ROOT-BALL 2" ABOVE FINISHED GRADE.
3. ALL PLANTING AREAS AND PLANTING PITS SHALL BE TESTED FOR SUFFICIENT PERCOLATION (AT A RATE OF 1" OF STANDING WATER IN 10 MINUTES) PRIOR TO INSTALLATION OF PLANT MATERIAL TO ENSURE SUFFICIENT DRAINAGE.
4. PLANT BEDS COMPACTED BY EQUIPMENT AND MACHINERY SHALL BE LOOSENED SO THAT THE SPECIFIED DRAINAGE/PERCOLATION RATE IS ACHIEVED.
4. ALL SYNTHETIC BURLAP, STRING, CORDS OR WIRE BASKETS SHALL BE REMOVED BEFORE TREES ARE PLANTED, WITHOUT BREAKING THE SOIL BALL. ALL SYNTHETIC TAPE SHALL BE REMOVED FROM BRANCHES AND TRUNKS PRIOR TO FINAL ACCEPTANCE. THE TOP 1/3 OF NATURAL BURLAP SHALL BE REMOVED, AFTER THE TREE IS SET IN THE PLANTING HOLE AND BEFORE THE TREES ARE BACKFILLED.

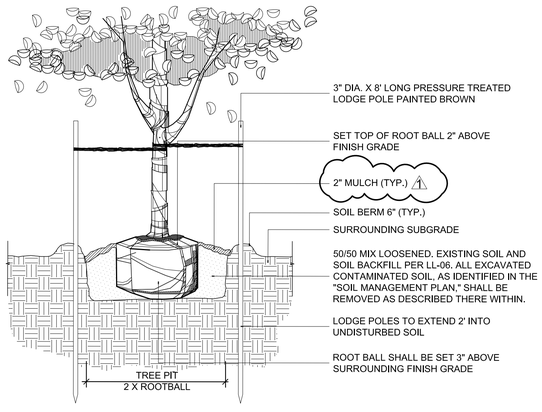


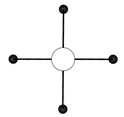
STAKING PLAN VIEW
N.T.S.

1 LL-07 SABAL PALM PLANTING DETAIL
SCALE: N.T.S



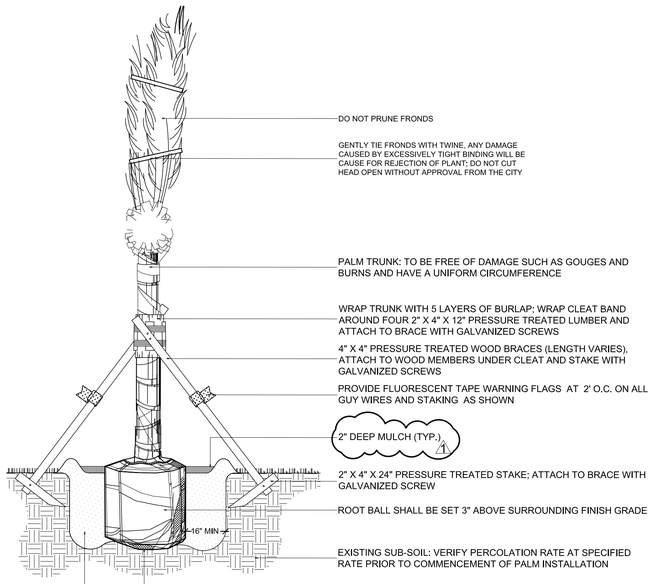
3 LL-07 TYP. PLANTING DETAIL ON SAFETY SURFACING
SCALE: 3/8" = 1-0"

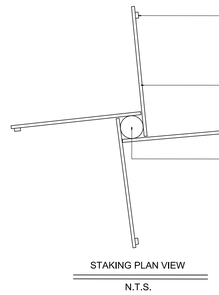



PLAN VIEW OF STAKING

NOTES
1. ALL TREES ARE TO BE PLANTED WITH THE ROOTBALL 2" ABOVE FINISH GRADE.
2. ALL PLANTING AREAS AND PLANTING PITS SHALL BE TESTED FOR SUFFICIENT PERCOLATION (AT A RATE OF 1" OF STANDING WATER IN 10 MINUTES) PRIOR TO INSTALLATION OF PLANT MATERIAL TO ENSURE SUFFICIENT DRAINAGE.
3. PLANT BEDS COMPACTED BY EQUIPMENT AND MACHINERY SHALL BE LOOSENED SO THAT THE SPECIFIED DRAINAGE/PERCOLATION RATE IS ACHIEVED.

4 LL-07 ORNAMENTAL TREE PLANTING DETAIL
SCALE: 3/8"=1'-0"





STAKING PLAN VIEW
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1. ALL PALMS ARE TO BE PLANTED WITH THE ROOT BALL 2" ABOVE FINISH GRADE
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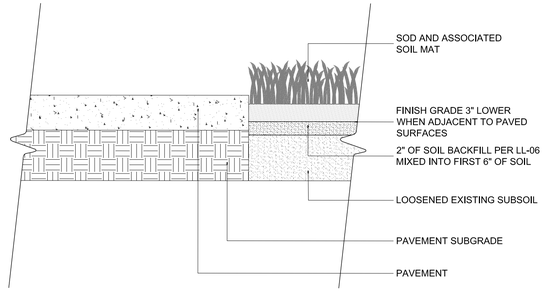
3. PLANT BEDS IN PARKING LOTS AND IN AREAS COMPACTED BY EQUIPMENT AND MACHINERY SHALL BE LOOSENED SO THAT THE SPECIFIED DRAINAGE/PERCOLATION RATE IS ACHIEVED.
4. ALL SYNTHETIC BURLAP, STRING, CORDS OR WIRE BASKETS SHALL BE REMOVED BEFORE TREES ARE PLANTED, WITHOUT BREAKING THE SOIL BALL. ALL SYNTHETIC TAPE SHALL BE REMOVED FROM BRANCHES AND TRUNKS PRIOR TO FINAL ACCEPTANCE. THE TOP 1/3 OF NATURAL BURLAP SHALL BE REMOVED, AFTER THE TREE IS SET IN THE PLANTING HOLE AND BEFORE THE TREES ARE BACKFILLED.

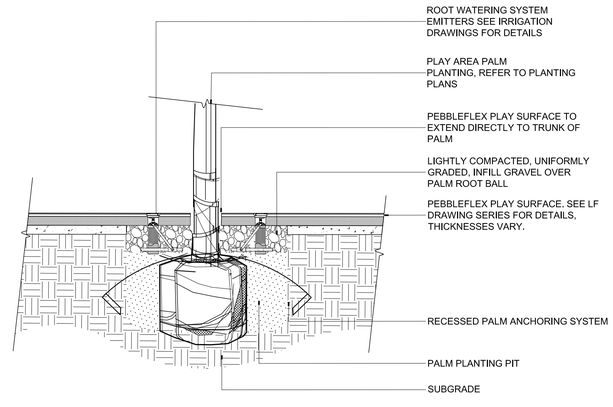
6 LL-07 LARGE PALM INSTALLATION DETAIL
SCALE: 3/8" = 1'-0"

NOTES
1. ALL SHRUBS AND GROUNDCOVER TO BE PLANTED WITH THE ROOT BALL 1" ABOVE FINISH GRADE.
2. ALL PLANTING AREAS AND PLANTING PITS SHALL BE TESTED FOR SUFFICIENT PERCOLATION (AT A RATE OF 1" OF STANDING WATER IN 10 MINUTES) PRIOR TO INSTALLATION OF PLANT MATERIAL TO ENSURE SUFFICIENT DRAINAGE.
3. PLANT BEDS COMPACTED BY EQUIPMENT AND MACHINERY SHALL BE LOOSENED SO THAT THE SPECIFIED DRAINAGE/PERCOLATION RATE IS ACHIEVED.

2 LL-07 SHRUB AND GROUND COVER PLANTING DETAIL
SCALE: N.T.S



5 LL-07 SOD INSTALLATION DETAIL
SCALE: 3/8" = 1'-0"



7 LL-07 TYPICAL PALM PLANTING AT RUBBER PLAY SURFACE
SCALE: 3/8" = 1'-0"

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FLORIDA REGISTERED LANDSCAPE LA0001705

SUBMITTAL DESCRIPTION / MILESTONE:

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CHECKED BY:	RPH

DRAWING TITLE:
LANDSCAPE INSTALLATION DETAILS

SHEET NO.
LL-07

Canopy Trees

SYMBOL	TOTAL QUANTITY	NTP 1	NTP2	NTP3	BOTANICAL NAME	COMMON NAME	NATIVE	PLANT INSTALLATION SPECIFICATION	SPACING	AERIAL SALT TOLERANCE	SOIL SALT TOLERANCE	DROUGHT TOLERANCE	WIND TOLERANCE	MATURE SIZE	TREE REPLACEMENT CALCULATION INCHES OF CALIPER PROVIDED
BUS	82	14	4	59	Bursera simaruba	Gumbo Limbo	YES	15' X 15'; 4" cal. at DBH; 6' clear trunk	As Shown	High	Moderate	High	High	40' tall X 40' wide	328
CLR	67	47	0	16	Clusia rosa	Pitch Apple	YES	12' X 5'; 2" cal. at DBH; 6' clear trunk	As Shown	High	Moderate	High	High	35' tall X 35' wide	134
COU	37	21	1	15	Coccoloba uvifera	Sea Grape	YES	12' X 5'; 2" cal. at DBH; 6' clear trunk	As Shown	High	Moderate	High	Moderate	40' tall X 40' wide	74
COE	132	122	10	0	Conocarpus erectus	Green Buttonwood	YES	18' X 6'; 3" cal. at DBH; 6' clear trunk	As Shown	High	High	High	Moderate	45' tall X 40' wide	396
DER	11	9	1	1	Delonix regia	Royal Poinciana	NO	15' X 15'; 4" cal at DBH; 7' clear trunk	As Shown	Low	Low	High	Moderate	50' tall X 50' wide	44
PPJ	69	10	11	48	Piscidia piscipula	Jamaica Dogwood	YES	12' X 4'; 3" cal at DBH; 6' clear trunk	As Shown	High	High	High	High	40' tall X 30' wide	207
FIC	3	3	0	0	Ficus citrifolia	Short Leaf Fig	YES	12' X 4'; 3" cal at DBH; 6' clear trunk	As Shown	Low	Low	High	Moderate	50' tall X 50' wide	9
FIA	22	12	2	8	Ficus aurea	Strangler Fig	YES	18' X 6'; 4" cal. at DBH; 6' clear trunk	As Shown	Moderate	Low to Moderate	High	Moderate	60' tall X 70' side	88

Ornamental Trees

SYMBOL	TOTAL QUANTITY	NTP 1	NTP2	NTP3	BOTANICAL NAME	COMMON NAME	NATIVE	PLANT INSTALLATION SPECIFICATION	SPACING	AERIAL SALT TOLERANCE	SOIL SALT TOLERANCE	DROUGHT TOLERANCE	WIND TOLERANCE	MATURE SIZE	TREE REPLACEMENT CALCULATION INCHES OF CALIPER PROVIDED
PLW	8	2	6		Plumeria obtusa 'Singapore'	White Plumeria	NO	10' X 10'; 3" cal at DBH; 4' standard	As Shown	High	Moderate	High	High	30' tall X 30' wide	24
PLP	24	0	17	7	Plumeria pudica	Bridal Bouquet Plumeria	NO	9'-10' X 3'-4'; 2 1/2" cal at DBH; 3' standard	As Shown	High	Moderate	High	Moderate	25' tall X 25' wide	60
PLR	34	7	12	15	Plumeria rubra	Yellow Plumera	NO	10' X 10'; 3" cal at DBH; 4' standard	As Shown	High	Moderate	High	Moderate	25' tall X 25' wide	102
PLI	34	10	14	10	Plumeria rubra 'Pink Rainbow'	Pink Rainbow Plumeria	NO	10' X 10'; 3" cal at DBH; 4' standard	As Shown	High	Moderate	High	Moderate	25' tall X 25' wide	102

Large Palms

SYMBOL	TOTAL QUANTITY	NTP 1	NTP2	NTP3	BOTANICAL NAME	COMMON NAME	NATIVE	PLANT INSTALLATION SPECIFICATION	SPACING	AERIAL SALT TOLERANCE	SOIL SALT TOLERANCE	DROUGHT TOLERANCE	WIND TOLERANCE	MATURE SIZE	
BNS	45	45	0	0	Bismarckia nobilis 'Silver'	Silver Bismarck Palm	NO	35' overall height; full head	As Shown	Moderate	Moderate	High	Moderate	60' tall X 25' wide	
C24	80	0	54	26	Cocos nucifera 'Green Malayan'	Green Malayan Coconut Plam	NO	10' clear turnk; 24' overall height; full head	As Shown	High	High	High	High	60' tall X 25' wide	
C30	56	3	30	23	Cocos nucifera 'Green Malayan'	Green Malayan Coconut Plam	NO	16' clear trunk; 30' overall height; full head	As Shown	High	High	High	High	60' tall X 25' wide	
CDX	13	0	13		Cocos nucifera 'Green Malayan'	Double Green Malayan Coconut Palm	NO	16' clear trunk; 30' over all height; double; full head	As Shown	High	High	High	High	60' tall X 25' wide	
C36	13	0	5	8	Cocos nucifera 'Green Malayan'	Green Malayan Coconut Palm	NO	22' clear trunk; 36' overall height; full head	As Shown	High	High	High	High	60' tall X 25' wide	
CTC	18	0	14	4	Cocos nucifera 'Green Malayan'	Curved Trunk Green Malayan Coconut Palm	NO	14' clear trunk; 28' overall height; curved 'S' trunk; full head	As Shown	High	High	High	High	60' tall X 25' wide	
PHS	28	0	15	13	Phoenix sylvestris	Sylvester Date Palm	NO	30' overall height; full head	As Shown	High	Moderately High	High	Moderate	70' tall X 30' wide	

Small Palms

SYMBOL	TOTAL QUANTITY	NTP 1	NTP2	NTP3	BOTANICAL NAME	COMMON NAME	NATIVE	PLANT INSTALLATION SPECIFICATION	SPACING	AERIAL SALT TOLERANCE	SOIL SALT TOLERANCE	DROUGHT TOLERANCE	WIND TOLERANCE	MATURE SIZE	TREE REPLACEMENT CALCULATION NATIVE PALMS PROVIDED
PSB	8	8	0	0	Pseudophoenix sargentii	Buccaneer Palm	YES	10' overall height; full head	As Shown	High	High	High	High	20' tall X 12' wide	23
SAP	15	15	0	0	Sabal palmetto	Cabbage Palm	YES	16' overall height; no boots	As Shown	High	High	High	High	50' tall X 10' wide	

Shrubs and Groundcover

SYMBOL	TOTAL QUANTITY	NTP 1	NTP2	NTP3	BOTANICAL NAME	COMMON NAME	NATIVE	PLANT INSTALLATION SPECIFICATION	SPACING	AERIAL SALT TOLERANCE	SOIL SALT TOLERANCE	DROUGHT TOLERANCE	WIND TOLERANCE	MATURE SIZE	
AWC	166	166	0		Acalypha wilkesiana	Copperleaf	NO	5 gal. 36" X 36"; full	30" on center triangular spacing	Low	Moderate	Moderate	Moderate	15' tall X 15' wide	
AEB	260	133	0	127	Aechmea blanchetiana	Giant Orange Bromeliad	NO	5 gal.; 30" X 30"; full	30" on center triangular spacing	Moderate	Low	High	Moderate	5' tall X 5' wide	
CHI	484	0	65	419	Chrysobalanus icaco	Green Cocoplum	YES	7 gal.; 40" X 30"; full to ground	As Shown @ 30" on center spacing	High	High	High	Moderate	20' tall X 20' wide	
CEE	19	19	0		Conocarpus erectus sericeus	Silver Buttonwood	YES	3. gal.; 24" X 18", full to ground	As Shown @ 30" on center spacing	High	High	High	High	40' X 40'	
CLN	1448	911	537		Clusia rosea 'Nana'	Dwarf Pitch Apple	YES	3 gal.; 12" X 12"; full	24" on center triangular spacing	High	Moderate	High	High	30" tall X 36" wide	
ELG	1386	535	92	759	Ernodea littoralis	Golden Creeper	YES	3 gal.; 18" X 12"; full	24" on center triangular spacing	High	High	High	High	3' tall X 6' wide	
HED	676	80	0	596	Helianthus debilis	Beach Sunflower	YES	1 gal.; 12" X 12"; full to ground	24" on center triangular spacing	High	High	Moderate	Moderate	3' tall X 6' wide	
HYL	348	59	0	289	Hymenocallis latifolia - Spider Lily	Spider Lily	YES	3 gal.; 18" X 18"; full	30" on center triangular spacing	Moderate	Low	High	Low	3' tall X 5'wide	
MSW	1887	567	1132	188	Microsorum scolopendrium	Wart Fern	NO	3 gal; 18" X 18"; full	24" on center triangular spacing	Low	Low	Moderate	High	2' tall X 2' wide	
SMC	385	311	0	74	Suriana maritima	Baycedar	YES	7 gal.; 36" X 24"; full to the ground	As shown at 30" on center spacing	High	Moderate	High	High	20' tall X 8' wide	
SBM	479	479	0		Savia bahamensis	Maidenbush	YES	3 gal.; 18" X 18"; full to ground	24" on center triangular spacing	High	High	High	High	15' tall X 15' wide	
SOT	123	0	0	123	Sophora tomentosa var. truncata	Necklace Pod	YES	7 gal.; 36" X 36"; full to ground	36" on center triangular spacing	High	High	High	Moderate	20' tall X 20' wide	

Turf Grass

SYMBOL	TOTAL QUANTITY	NTP 1	NTP2	NTP3	BOTANICAL NAME	COMMON NAME	NATIVE	PLANT INSTALLATION SPECIFICATION	SPACING	AERIAL SALT TOLERANCE	SOIL SALT TOLERANCE	DROUGHT TOLERANCE	WIND TOLERANCE	MATURE SIZE	
STC	203827	77677	8880	117270	Stenotaphrum secundatum 'Captiva'	St. Augustine Captiva Sod	NO		solid sod	High	High	High	High	6" to 12" tall	
PAN	86430	69430	0	0	Paspalum notatum	Bahia Sod	YES		solid sod	High	High	High	High	6" to 12" tall	
CYD	123959	10350	113609	0	Cynodon dactylon 'Tifway 419'	Tifway 419 Bermuda Sod	NO		solid sod	High	High	High	High	6" to 12" tall	

Trees to be Relocated Onsite

SYMBOL	TOTAL QUANTITY	NTP 1	NTP2	NTP3	BOTANICAL NAME	COMMON NAME	COMMENTS
REL	4	5	0	0	Bursera simaruba	Gumbo Limbo	See Tree Disposition Table for Relocated Tree or Palm Specifications.
REL	1				Sabal palmetto	Sabal Palm	

Mitigation Summary

NATIVE PALMS PROVIDED	23
INCHES OF CALIPER PROVIDED	1568

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PREPARED FOR/OWNER:
CITY OF KEY WEST, FL
P. O. BOX 1409
3140 FLAGLER AVENUE
KEY WEST, FL 33041

PROJECT NAME:
TRUMAN WATERFRONT PARK

PROJECT LOCATION/ADDRESS:
TRUMAN WATERFRONT PARK
WEST OF FORT STREET AND THE TRUMAN ANNEX DEVELOPMENT, NORTH OF KEY WEST NAVAL BASE

SUB-CONSULTANT INFORMATION:

PROFESSIONAL SEAL:

KIRK J. OLNEY
FLORIDA REGISTERED LANDSCAPE
LA0001705

SUBMITTAL DESCRIPTION / MILESTONE:

BIDDING
August 30, 2015

REVISIONS:

1	09-29-15	ADDENDA No. 2

DRAWING SHEET INFORMATION
BA PROJECT NO.: 14041
SCALE: N/A
DATE:
DRAWN BY: KJO
CHECKED BY: RPH

DRAWING TITLE:
PLANT MATERIAL LIST

SHEET NO.
LL-08