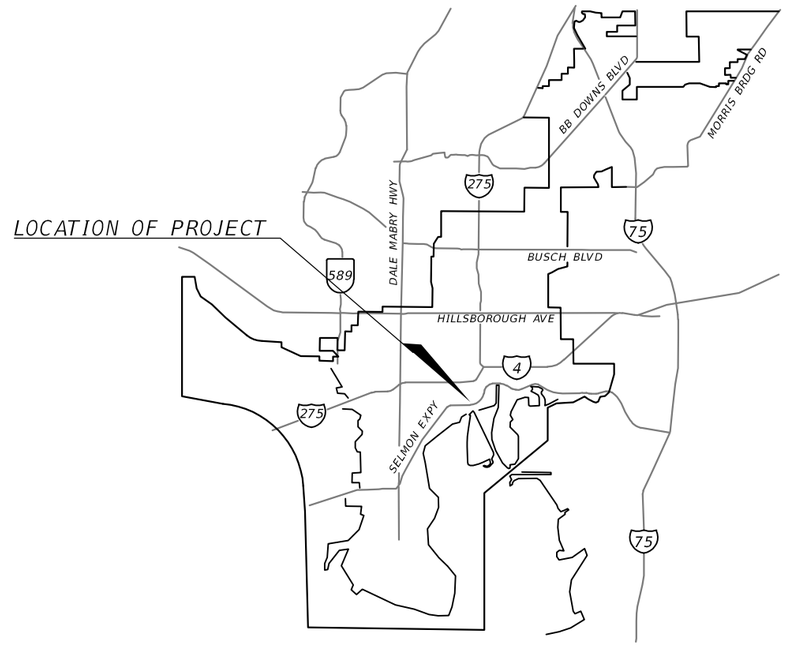
CITY OF TAMPA
MOBILITY DEPARTMENT

CONTRACT PLANS

FINANCIAL PROJECT ID 439476-4-58-02

E/W GREEN SPINE CYCLE TRACK –
PH. 3C FROM 13TH AVE. TO 21ST. AVE.



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DAVID R CONNER 2021.09.30 15:06:38-04'00'

DAVID R. CONNER
No. 1327
STATE OF
LANDSCAPE ARCHITECT

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED, AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

FINAL SUBMITTAL
September 27, 2021

LANDSCAPE PLANS
LANDSCAPE ARCHITECT OF RECORD:
DAVID CONNER
R.L.A. NO.: 1327
DAVID CONNER + ASSOCIATES
100 EAST MADISON STREET, STE 200
TAMPA, FL, 33602
813-258-1997
CONTRACT NO.: 21-C-00022
VENDOR NO.: 59-3421586
CERTIFICATE OF AUTHORIZATION NO.: LC0000319

CITY OF TAMPA PROJECT MANAGER:

NINA S. MABILLEAU E.I.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
21-C-00022		LD-1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011 F.A.C.

15TH ST FROM 13TH AVE TO 21ST AVE

PAY ITEM NO.	DESCRIPTION	UNIT	FINAL
520-2-4	CONCRETE CURB, TYPE D	LF	160
580-1-1	LANDSCAPE COMPLETE (SMALL PLANTS)	LS	1
580-1-2	LANDSCAPE COMPLETE (LARGE PLANTS)	LS	1
COT-101	PAVERS, ARCHITECTURAL, SIDEWALK	SY	87
COT-102	PRE-EMERGENT HERBICIDE	SY	142
COT-103	FURNISHINGS	LS	1

PERFORMANCE TURF IS INCLUDED AND PAID FOR IN THE ROADWAY PLANS PAY ITEMS.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DAVID R. CONNER, RLA
LA0001327
DAVID CONNER + ASSOCIATES
100 E. MADISON ST, SUITE 200
TAMPA, FL 33602
CERT. OF AUTHORIZATION LC0000319

CITY OF TAMPA
MOBILITY DEPARTMENT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	

SUMMARY OF PAY ITEMS

SHEET NO.
LD-2

LANDSCAPE TABULATION OF QUANTITIES / PLANT SCHEDULE

15TH ST FROM 13TH AVE TO 21ST AVE

PAY ITEM NO.	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	REMARKS	UNIT	SHEET NUMBER				TOTAL THIS SHEET		GRAND TOTAL	
									LD-7 / LD-13		LD-8 / LD-14					
									PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
520-2-4		CONCRETE CURB, TYPE D						LF	144		16		160		160	
580-1-1		LANDSCAPE COMPLETE (SMALL PLANTS)						LS					1		1	
	ZAM PUM	ZAMIA PUMILA	COONTIE	3 GALLON	18" Ht.	36 O.C.		EA	138		17		155			
580-1-2		LANDSCAPE COMPLETE (LARGE PLANTS)						LS					1		1	
	SAB PAL	SABAL PALMETTO	SABAL PALM	B&B			14' CT. HT.; MAINTAIN A MIN 8' VERTICAL CLEARANCE OVER SIDEWALKS; REGENERATED ROOT	EA	3		2		5			
	QUE CAT	QUERCUS VIRGINIANA 'CATHEDRAL'	CATHERDAL LIVE OAK	B&B			6 CAL; 20' HT X 10' SP; RPG TREES WITH SPREADING CHARACTER AND MINIMAL INTERAL GROWTH. NO TIP PRUNING. NO OPEN WOUNDS. 7' CLEAR TRUNK	EA	3				3			
		PREPARED SOIL LAYER						SY	126		16		142			
		BIO BARRIER						LF	68				68			
COT-101		PAVERS, ARCHITECTURAL, SIDEWALK						SY	69		18		87		87	
COT-102		PRE-EMERGENT HERBICIDE						SY	126		16		142		142	
COT-103		FURNISHINGS						LS					1		1	
		BENCH							1		1		2			
		BICYCLE RACK							2				2			
		BIKE MAINTENANCE STATION							1				1			
		LITTER RECEPTACLE							1		1		2			
		PASPALUM NOTATUM 'ARGENTINE'	BAHAI GRASS	SOD			PERFORMANCE TURF IS PROVIDED ON THE LANDSCAPE PLANS FOR REFERENCE. PERFORMANCE TURF QUANTITIES ARE INCLUDED IN THE ROADWAY PLANS PAY ITEMS.									

PAY ITEM NOTES:

SUMMARY OF PAY ITEMS

520-2-4, CONCRETE CURB, TYPE D
CONCRETE CURB SHALL BE MODIFIED PER HARDSCAPE DETAIL SHEET LD-9

580-1-1, LANDSCAPE COMPLETE, SMALL PLANTS INCLUDES:
1. PREPARATION OF PLANTING BEDS INCLUDING EXCAVATION OF EXISTING SOIL OR TURF AS DESCRIBED IN THE PLANS AND SPECIAL DETAILS.
2. COLLECTION AND APPROVAL OF PROPOSED PLANTS BY ENGINEER PRIOR TO DELIVERY TO THE PROJECT SITE.
3. DELIVERY AND HOLDING OF PLANTS IN PREPARATION OF INSTALLATION.
4. INSTALLATION OF PLANTS INCLUDING EXCAVATION OF SOILS FOR PLANTING, INCORPORATION OF SOIL AMENDMENTS, FERTILIZATION, PLACEMENT AND BACKFILLING OF SOIL, PLACEMENT OF MULCH AND ANY OTHER REQUIREMENTS COMMON TO THE WORK OR AS DESCRIBED IN THE SPECIFICATIONS.
5. 90 DAY ESTABLISHMENT WATERING AND MAINTENANCE PER PLANT ESTABLISHMENT PLAN.

580-1-2, LANDSCAPE COMPLETE, LARGE PLANTS INCLUDES:
1. COLLECTION AND APPROVAL OF PROPOSED PLANTS BY ENGINEER PRIOR TO DELIVERY TO THE PROJECT SITE.
2. DELIVERY AND HOLDING OF PLANTS IN PREPARATION OF INSTALLATION
3. INSTALLATION AND STAKING OF PLANTS AS CITY OF TAMPA STANDARDS OR AS DESCRIBED IN THE SPECIAL DETAILS
4. ORGANIC MULCH APPLIED AROUND THE BASE OF CANOPY TREES AND SHRUBS AS INDICATED ON PLANS LD-13 AND LD-14
5. SABLE PALM - CHARACTER PALMS (SPC)
   a. CHARACTER PALMS WILL BE SELECTED AND TAGGED BY THE ENGINEER PRIOR TO DELIVERY TO SITE.
6. PREPARED SOIL LAYER
   a. PREPARED SOIL LAYER SHALL BE A FINISH SOIL LAYER
   b. THE DEPTH OF THE FINISH SOIL SHALL BE PER PLANTING DETAILS NOTED IN LD-15 TO LD-18. THE AREA (CY) OF SOIL INCLUDE THE AVERAGE DEPTH OF SOIL AS DETERMINED BY THE HEIGHTS OF PLANTING AREAS.
7. BIO BARRIER
   a. TYPAR: 24"
   b. REFER TO HARDSCAPE DETAIL ON LD-10 FOR INSTALLATION
8. 90 DAY ESTABLISHMENT WATERING AND MAINTENANCE PER PLANT ESTABLISHMENT PLAN.

COT-101, PAVERS, ARCHITECTURAL SIDEWALK
1. PAVERS SHALL BE SUPPLIED FROM THE COT STOCKYARD
   a. IF PAVERS ARE NOT AVAILABLE FROM THE STOCKYARD, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE SAMPLES OF ALTERNATIVE PAVERS SIMILAR IN APPEARANCE TO HISTORIC PAVERS COMMON TO TAMPA, AND RECEIVE CITY APPROVAL PRIOR TO PURCHASE.
2. PAY ITEMS INCLUDES INSTALLATION AND BASE MATERIALS

COT-102. PRE-EMERGENT HERBICIDE
1. PRE-EMERGENT HERBICIDE: RONSTAR G. HERBICIDE, 50LB BAG
2. APPLY PRIOR TO MULCHING
3. APPLY AT TREE RING OF EACH TREE
4. APPLY AT RATES RECOMMENDED BY THE MANUFACTURER WITH THE AREAS OF NEW PLANTING BEDS

COT-103, FURNISHINGS
1. BENCH: VICTOR STANLEY; CLASSIC SERIES; MODEL NO. CR-138; 6'; COLOR: BLACK: INTERMEDIATE ARMRESTS (CENTER)
2. BIKE RACK: FAIR WEATHER SITE FURNISHINGS: MODEL NO. B-1500 (SURFACE MOUNT), COLOR: BLACK
3. BIKE MAINTENANCE STATION WITH AIR PUMP: THE PARK CATALOG: ITEM NO.: 509-2001-134; COLOR: BLACK
4. LITTER RECEPTACLE: VICTOR STANLEY; IRONSITES COLLECTION; MODEL NO. SD-42; 36 GALLON; COLOR: BLACK - POWDERCOAT

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100 E. MADISON ST, SUITE 200
TAMPA, FL 33602
CERT. OF AUTHORIZATION LC0000319

CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	

TABULATION OF QUANTITIES AND PLANT SCHEDULE

SHEET NO. LD-3

PLANT ESTABLISHMENT PERIOD - 90 DAYS

OPERATION	90 DAY ESTABLISHMENT PERIOD TO BE PROVIDED BY CONTRACTOR AS PART OF PAY ITEMS 580-1-1 AND 580-1-2.				CITY OF TAMPA COMMITMENT ON YEARLY CYCLE											
WEEK	1 2 3 4	5 6 7 8	9 - 12		JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
WATERING # DAYS	7 7 7 7	4 4 4 4	2													
	WATERING BY TRUCK MUST BE PERFORMED EACH WEEK OF THE 90 DAY ESTABLISHMENT PERIOD AT THE FREQUENCY INDICATED (SEE CHART FOR WATER APPLICATION RATES). SATURATE TREE WELL COMPLETELY.				CITY SHALL WATER ONCE A WEEK OR AS NEEDED AFTER 180 DAY CONTRACTED MAINTENANCE PERIOD (DURING DROUGHT PERIODS) USING A CITY WATER TRUCK.											
WEEDING/LITTER PICK UP	1 TIME EACH WEEK	1 TIME EACH 2 WEEK PERIOD	1 TIME EACH 2 WEEK PERIOD		WEEDING EVERY 14 DAYS AS INDICATED USING AN APPROVED HERBICIDE SUCHS AS "ROUND UP" (GLYPHOSATE) OR EQUAL APPLIED AT THE RATE OF 1 1/2 OZ. PER GALLON AND APPLIED BY LICENSED APPLICATOR OR UNDER THE SUPERVISION OF LICENSED APPLICATOR. LITTER PICK UP MUST BE PERFORMED PRIOR TO APPLICATON OF HERBICIDE.											
	CONTRACTOR SHALL WEED AND PICK UP LITTER IN ALL PLANTING BEDS AND INDIVIDUAL TREE WELLS ONCE IN EACH FOUR WEEK PERIOD BEFORE THE END OF THE 90 DAY ESTABLISHMENT PERIOD.															
PRUNING	AS NEEDED TO MECHANICALLY REMOVE DAMAGED BRANCHES. CONTRACTOR SHALL MAINTAIN STATE OF FLORIDA #1 FORM TO ATTAIN FINAL ACCEPTANCE.				PRUNING SHALL BE ACCOMPLISHED USING CHAIN SAWS, HAND SAWS, AND/OR LOPPING SHEARS. SHRUBS SHALL BE PRUNED YEARLY TO A HEIGHT APPROPRIATE TO SPECIES, USE AND LOCATION.											
FERTILIZING	TREES, PALMS, SHRUBS AND GROUND COVERS SHALL BE FERTILIZED WHEN PLANTED PER DETAIL & SPECIFICATIONS.				TREES, PLAMS AND GROUNDCOVERS MUST BE FERTILIZED ANNUALLY PER MANUFACTURER'S SPECIFICATIONS.											
MOWING	EVERY 14 DAYS LEAVING 3" IN HEIGHT.				EVERY 14 DAYS LEAVING 3" HEIGHT.											
EDGING	EVERY 14 DAYS BY MECHNICAL MEANS.				EVERY 14 DAYS BY MECHNICAL MEANS.											
MULCHING	MULCH SHALL BE APPLIED IMMEDIATELY AFTER WATERING OF EACH PLAN. SEE PLANTING PLANS AND SPECIFICATIONS FOR MULCH TYPES/DEPTH TO BE USED.				RESTORE 3" LAYER MULCH ONCE A YEAR. SEE PLANTING PLANS FOR MULCH TYPES TO BE USED.											

WATER APPLICATION RATES	
(FOR NON-IRRIGATED AREAS)	
TREES AND PALMS	SATURATE TO 3' DEPTH. FLOOD TREE
TURF	REFER TO ROADWAY SPECIFICATIONS
SMALL PLANTS	WATER EACH PLANT BY HAND. PROVIDE 2 GALLONS WATER PER PLANT
NOTE:	
CONTRACTOR IS RESPONSIBLE FOR WATER SOURCE AS PART OF PAY ITEM.	

FERTILIZER APPLICATION RATES	
TREES AND PALMS	FERTILIZER PER DETAILS AND MANF. SPECIFICATIONS SHALL BE APPLIED AT TIME OF PLANTING AND ONCE ANNUALLY.
GROUNDCOVERS / GRASSES	FERTILIZER PER DETAILS AND MANF. SPECIFICATIONS SHALL BE APPLIED AT TIME OF PLANTING AND ONCE ANNUALLY.

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CITY OF TAMPA
MOBILITY DEPARTMENT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	

PLANT ESTABLISHMENT PERIOD

SHEET NO.
LD-4

BEGIN CONSTRUCTION
BEGIN PROJECT
℄ W GREEN SPINE
STA. 100+20.00

Beg. STA. 100+00.00

PI STA. 107+03.14

PI STA. 113+77.50

END CONSTRUCTION
℄ W GREEN SPINE
STA. 120+37.69

PI STA. 120+37.25

PT STA. 133+86.62

PT STA. 135+22.48

BEGIN CONSTRUCTION
℄ W GREEN SPINE
STA. 120+37.69

PT STA. 147+37.51

PC STA. 156+30.15

PC STA. 154+43.30

PC STA. 156+73.95

PT STA. 162+36.65

PT STA. 166+04.72

End STA. 167+31.84

END ℄ W
GREEN SPINE
STA. 167+31.83

100 110 120 130 140 150 160

PI STA. 107+34.37

PI STA. 113+98.13

PC STA. 133+03.44

PC STA. 134+39.79

PC STA. 145+80.99

PC STA. 147+42.08

PT STA. 151+81.60

PT STA. 155+18.18

PT STA. 156+51.93

PI STA. 157+01.95

PT STA. 156+94.87

1"=500'

N

END PH3A PROJECT
℄ E GREEN SPINE
STA. 211+05.71

PC STA. 219+36.39

End STA. 256+85.00

PI STA. 255+60.46

END CONSTR.
END PROJECT
℄ E GREEN SPINE
STA. 256+76.33

Beg. STA. 179+00.00

PC STA. 180+89.64

179180

PT STA. 181+28.55

PC STA. 198+90.09

PC STA. 207+87.00

PT STA. 210+86.79

PC STA. 208+87.73

PT STA. 222+22.72

PI STA. 237+07.65

PT STA. 233+70.87

PI STA. 242+92.45

PI STA. 245+07.40

PI STA. 246+03.39

PI STA. 256+10.38

190 200 210 220 230 240 250

BEGIN PH3A PROJECT
℄ E GREEN SPINE
STA. 180+00.00

PI STA. 202+84.78

PT STA. 202+74.78

PC STA. 203+62.16

PT STA. 204+45.31

PT STA. 208+59.20

PT STA. 209+47.21

PC STA. 231+05.83

PI STA. 234+22.76

PI STA. 234+40.87

PI STA. 243+53.67

LD-7

LD-13

LD-8

LD-14

1"=500'

N

LEGEND

LD-# HARDSCAPE PLAN

LD-# PLANTING PLAN

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TAMPA, FL 33602
CERT. OF AUTHORIZATION LC0000319

CITY OF TAMPA
MOBILITY DEPARTMENT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	

PROJECT LAYOUT

SHEET NO. LD-5

LANDSCAPING

1. THE BASELINE SHOWN IN THE PLANS IS FOR INFORMATION PURPOSE ONLY. THE BASELINE IS REFERENCED FROM PROJECT NO. 439476-1-58-01.

2. PERFORMANCE TURF INDICATED ON SHEETS LD-13 TO BE INCLUDED IN CIVIL PAY ITEM FOR PERFORMANCE SOD.

3. INSTALL SMALL PLANT ROOTBALLS A MINIMUM OF 2 FEET FROM UNDERGROUND UTILITIES.

4. DO NOT INSTALL LANDSCAPE MATERIALS THAT BLOCK TRAFFIC CONTROL SIGNS OR DEPARTMENT'S INFORMATIONAL OR LOGO SIGNS. ALL LANDSCAPE AREAS SHALL BE MAINTAINED TO PRESERVE VISIBILITY OF TRAFFIC CONTROL DEVICES AND SIGNS. RESET SIGNS DISTURBED DURING CONSTRUCTION TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION AT THE CONTRACTOR'S EXPENSE.

5. SCHEDULE ALL ON-SITE PLANT DELIVERIES TO OCCUR ON MONDAY THROUGH FRIDAY ONLY UNLESS APPROVED BY THE ENGINEER IN ADVANCE. ENSURE THAT PLANT MATERIAL IS DELIVERED UNDAMAGED FROM TRANSPORTATION OR DIGGING OPERATIONS. THE ENGINEER MAY REJECT MATERIAL THAT HAS BEEN DAMAGED OR RENDERED UNACCEPTABLE DUE TO RELOCATION OR TRANSPORTATION FROM THE POINT OF ORIGIN. REPLACE DAMAGED PLANT MATERIAL AT NO ADDITIONAL EXPENSE TO THE DEPARTMENT.

6. "WATER IN" TREES AND PALMS LEAVING NO AIR POCKETS. FILL ANY AIR POCKETS WITH SOIL AND KEEP GRADE WITHIN TREE RING EVEN AND SMOOTH, MAINTAIN EROSION FREE TREE RINGS AND REPAIR AS NECESSARY PER PLANING DETAILS. WATER SOURCE AND APPLICATION OF WATER FOR THE SUCCESSFUL TRANSPLANT, ESTABLISHMENT, AND SURVIVAL OF PLANTS IS THE RESPONISBILITY OF THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE CITY.

7. DURING PLANTING, APPLY A SLOW/CONTROLLED RELEASE 8-2-12+4 MG PALM FERTILIZER THAT INCLUDES IRON, MANGANESE AND BORON AS MINOR ELEMENTS, DISTRIBUTE THE FERTILIZER EVENLY OVER THE TOP OF THE PLANTING HOLE WITHIN THE SOIL RING AT A RATE SPECIFIED IN THE MANUFACTURER'S RECOMMENDED LABEL DIRECTIONS.

8. TRIMMING OF PALMS WILL BE LIMITED TO DEAD/BROWN FRONDS AND ANY LOOSELY ATTACHED DANGLING FRONDS, FRUITS, AND PETIOLES OR SPATHES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

9. MULCH MATERIAL SHALL EITHER INORGANIC (SHELL ROCK) OR ORGANIC (SHREDDED HARDWOOD) MULCH AS INDICATED ON THE PLANS AND PLACED THROUGHOUT ALL NEW PLANTING BEDS. MULCH SHALL COVER ALL EXPOSED SOIL WITHIN BEDS TO COMPRESSED DEPTH OF 3". DO NOT PLACE MULCH AGAINST TRUNK OF PLANTS OR TREES. DO NOT MULCH PERFORMANCE TURF.

10. THE ESTABLISHMENT PERIOD SHALL BE ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE INSTALLATION OF THE TOTAL PROJECT.

11. ALL LANDSCAPE MATERIAL SHALL BE INSTALLED AND MAINTAINED AT ALL TIMES IN ACCORDANCE WITH THE FDOT STANDARDS INDEX 580 AS WELL AS ALL OTHER APPLICABLE CITY OF TAMPA STANDARDS. APPLY THE MORE STRINGENT STANDARDS WHERE CONFLICT OCCURS.

12. PROCEDURE (TOPIC NO, 850-000-015-I OF 01/01/2014), "ALL CONTRACTORS AND/OR PERMITTEE'S WHO CONTRACT THE APPLICATION OF FERTILIZER SHALL ENSURE THEY ARE LICENSED COMMERCIAL APPLICATORS WHO HAVE BEEN TRAINED THROUGH THE GREEN INDUSTRY BMP PROGRAM, AND HAVE OBTAINED A LIMITED CERTIFICATION FOR URBAN LANDSCAPE COMMERCIAL FERTILIZER APPLICATION UNDER SECTION 482.1562,F.S. WITH A CURRENT COPY OF THE LICENSE ON FILE.

13. THE EXISTING SIDEWALKS SHALL REMAIN AVAILABLE FOR SAFE USE THROUGHOUT THE PROJECT WITH ONLY PERIODIC CLOSURES AS APPROVED BY ENGINEER.

ROOT REGENERATED PALM REQUIREMENTS

1. ALL SABAL PALMS SHALL BE ROOT REGENERATED AND MEET THE FOLLOWING CRITERIA.
   a. PALMS SHALL HAVE BEEN DUG AND REPLANTED IN CONTAINERS LOCATED WITHIN A NURSERY SPECIALIZING IN REGENERATED ROOT PALM TREE PRODUCTION.
   b. PALM TREES SHALL HAVE BEEN PLANTED IN CONTAINERS AND HELD IN A NURSERY ENVIRONMENT FOR A MINIMUM OF 6 MONTHS. PRIOR TO DELIVERY TO THE PROJECT, ROOTBALL SHALL BE CONTAINED IN A STRETCH WRAP OR EQUIVALENT, FORMING A SOLID DURABLE ROOTBALL.
   c. PRIOR TO DELIVERY TO THE PROJECT, PALMS ROOTS SHALL DEMONSTRATE SIGNIFICANT VISIBLE NEW REGENERATED ROOTS AT THE PERIMETER OF THE ROOT BALL.
   d. PALM TREES SHALL DEMONSTRATE NEW GROWTH IN THE CANOPY INCLUDING FULLY EXTENDED AND OPEN FRONDS.
   e. ALL PALM TREE LOADS SHALL BE TARPED TO PREVENT WIND DAMAGE DURING DELIVERY.
   f. ALL PALM TREES SHALL BE INJECTED WITH 'TREE SAVER' (OXYTETRACYCLINE HYDROCHLORIDE 39% ACTIVE INGREDIENTS), A MINIMUM OF 1X PRIOR TO TRANSPLANTING, AND 1X - 90 DAYS AFTER TRANSPLANTING. PROVIDE RECEIPTS TO ENGINEER.

SITE GRADING

1. AFTER ALL UTILITIES HAVE BEEN LOCATED, STAKE OUT THE SITE IMPROVEMENTS FOR FIELD INSPECTION BY THE ENGINEER.

2. TWO WEEKS PRIOR TO COMMENCEMENT OF GRADING WORK, APPLY ON-SELECTIVE HERBICIDE THROUGHOUT THE LIMITS OF GRADING WORK.

3. SHAPE SOILS TO FORM LANDSCAPE AREAS INDICATED.

4. USE IMPORTED SOIL SIMILAR IN COMPOSITION AND PERFORMANCE (ESPECIALLY RELATIVE TO DRAINAGE/PERCOLATION) TO THE IN-SITU MATERIAL AND MEET THE REQUIREMENTS OF SPECIFICATION SECTION 162-1.1 - FINISHED SOIL LAYER.

5. PROPERLY DISPOSE OF ANY EXCESS SOIL.

6. EXISTING TOPOGRAPHIC SURVEY INFORMATION INDICATED ON THESE PLANS WAS PREPARED BY OTHERS UNDER A PREVIOUS CONTRACT AND IS PROVIDED FOR REFERENCE ONLY ON THIS PROJECT.

7. CONFIRM EXISTING ELEVATIONS ON SITE PRIOR TO BEGINNING ANY EXCAVATION OR GRADING WORK. ANY DEVIATIONS FROM THE PLANS SHALL BE APPROVED BY THE ENGINEER IN ADVANCE.

UTILITY

1. IN THE EVENT A DIRECT UTILITIES CONFLICT DOES ARISE, THE PROPOSED PLANTING CAN BE MOVED WITH PRIOR APPROVAL OF THE ENGINEER.

2. USE EXTREME CAUTION WHEN EXCAVATING, INSTALLING, BACKFILLING AND COMPACTING AROUND EXISTING UTILITIES.

DESIGN SPEEDS		
SEGMENT	DESIGN SPEED	POSTED SPEED
PHASE 3C (13TH AVE. TO 17TH AVE.)	30 MPH	25 MPH

LEGEND

EXISTING TREE

CONTROL JOINT

ISOLATION JOINT

PAVERS

LITTER RECEPTACLE

BENCH

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TAMPA, FL 33602
CERT. OF AUTHORIZATION LC0000319

CITY OF TAMPA
MOBILITY DEPARTMENT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	

GENERAL NOTES

SHEET NO. LD-6

N. 15TH ST

℄ E GREEN SPINE

246

1"=10'

MODIFIED TYPE D CURB

MEET CONCRETE PER ROADWAY PLANS

2'

1.5'

21.25'

2'

4'

MEET EXISTING SIDEWALK

6.5

EXSITNG SIDEWALK

MODIFIED TYPE D CURB

2.35'

MODIFIED TYPE D CURB

MEET EXISTING CONCRETE SLAB

LANDSCAPE AREA

2'

24'

BIO BARRIER

5'

48'

10' FROM BACK OF EXISTNIG SIDEWALK

LANDSCAPE AREA

WATER

WATER

BEGIN LAYOUT OF PAVERS WITH FULL WIDTH PAVER ADJACENT TO EDGE OF CURB OR WALK (TYP.)

HARDSCAPE LIMIT OF WORK

MEET EXISTING SIDEWALK

R5'

E 17TH AVE

ONLY

LEGEND

- LIMIT OF HARDSCAPE WORK
- CONTROL JOINT
- ISOLATION JOINT
- PAVERS
- LITTER RECEPTACLE
- BENCH
- BIKE RACK
- BIKE MAINTENANCE STATION

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LA0001327
DAVID CONNER + ASSOCIATES
100 E. MADISON ST, SUITE 200
TAMPA, FL 33602
CERT. OF AUTHORIZATION LC0000319

CITY OF TAMPA
MOBILITY DEPARTMENT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	

HARDSCAPE PLANS (1)

SHEET NO. LD-7

1"=10'

E. 21ST AVE

14' CONC. SIDEWALK / CYCLE TRACK

MEET EXISTING SIDEWALK, TYP.

PAVERS, TYP.

MODIFIED TYPE D CURB

2'

1.25'

1.25'

3'

LANDSCAPE AREA

PI STA. 255+59.62

PI STA. 256+08.55

2'

BIO BARRIER

14'

LIMIT OF HARDSCAPE WORK

256

N. 15TH ST

℄ E GREEN SPINE

LEGEND

— — — LIMIT OF HARDSCAPE WORK

PAVERS

LITTER RECEPTACLE

BENCH

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REVISIONS			
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HARDSCAPE PLANS (2)

SHEET NO.
LD-8

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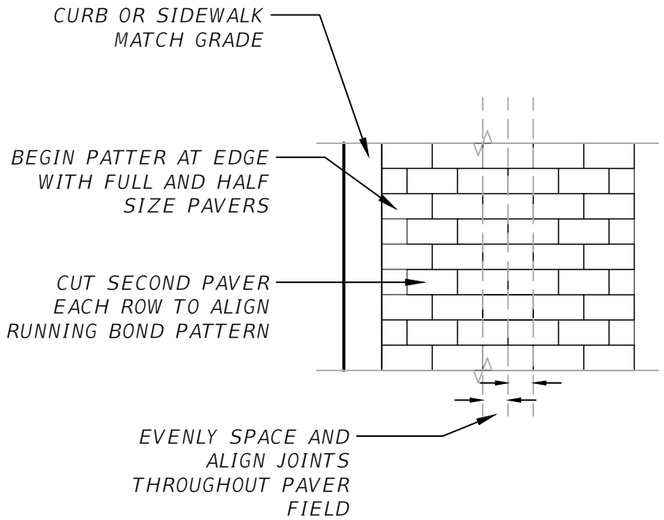
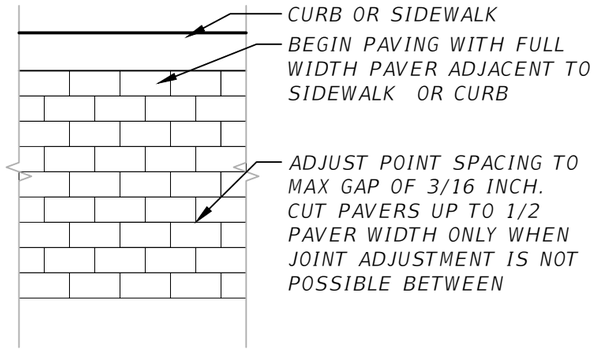
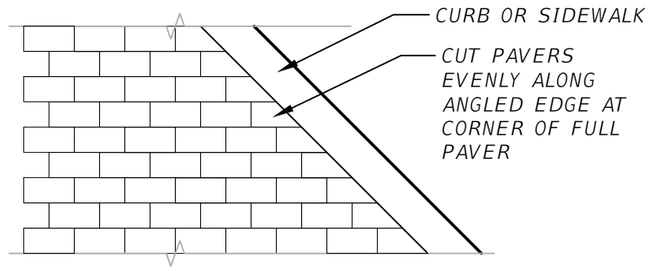


PERPENDICULAR TO CURB OR SIDEWALK



PARALLEL TO CURB OR SIDEWALK



PAVING AT MISALIGNED EDGE

1 UNIT PAVING PATTERN - RUNNING BOND

1/2" = 1'-0"

DCA-GR-29

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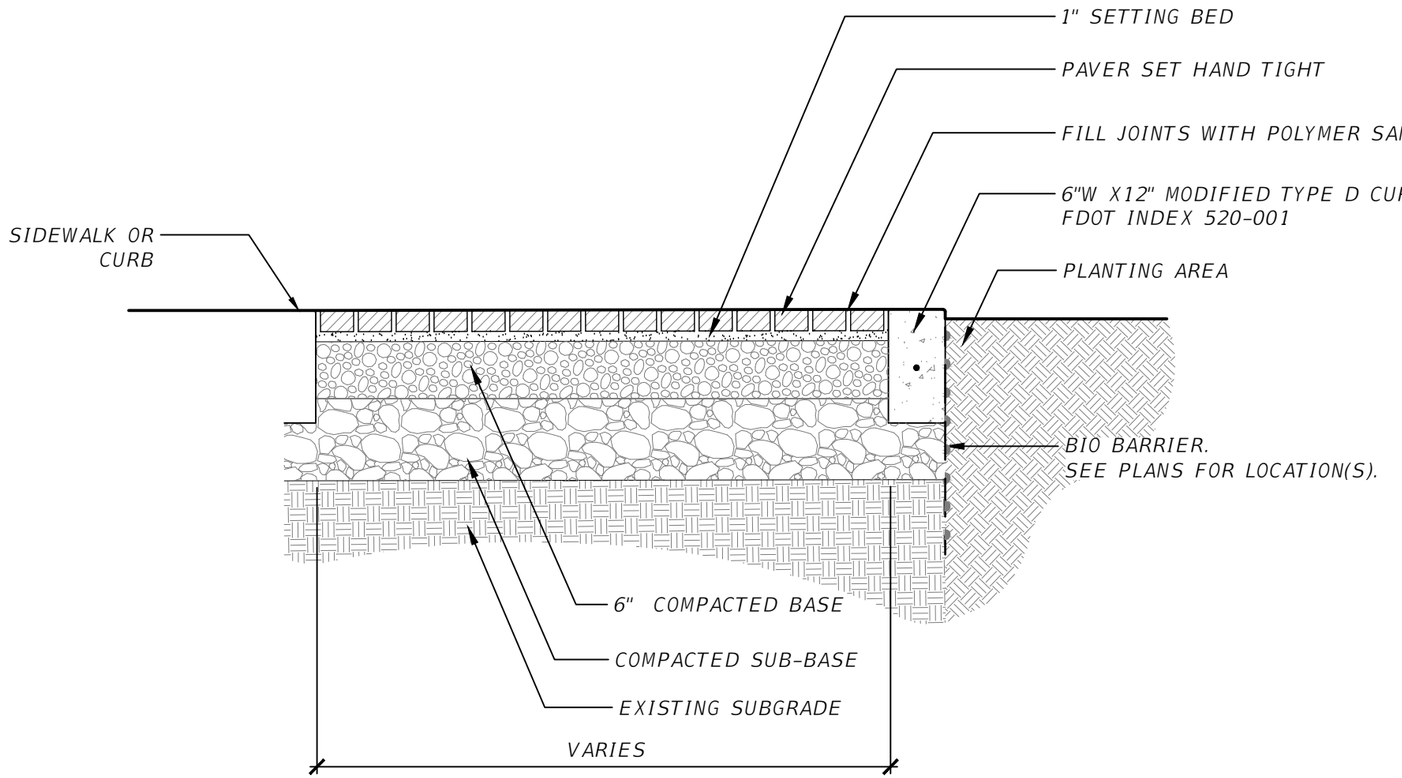
	HILLSBOROUGH	

HARDSCAPE DETAILS (1)

SHEET NO.

LD-9



NOTE: IF AVAILABLE AT TIME OF CONSTRUCTION, BRICKS TO BE SUPPLIED BY CITY OF TAMPA STOCK YARD. MATCH CITY OF TAMPA GREEN SPINE PROJECT.

1 TYPICAL UNIT PAVER SECTION

3/4" = 1'-0"

DCA-GR-24

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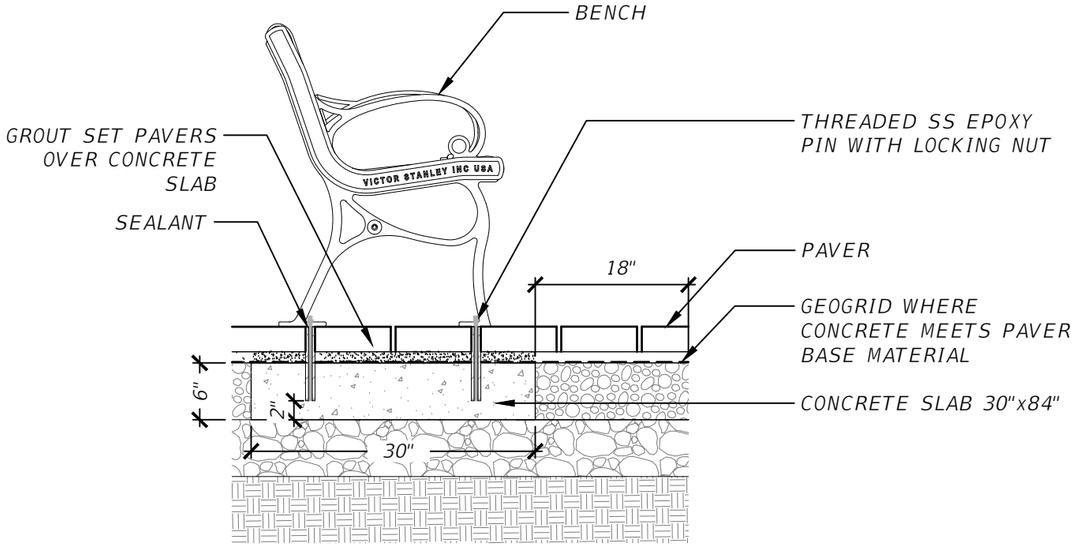
HARDSCAPE DETAILS (2)

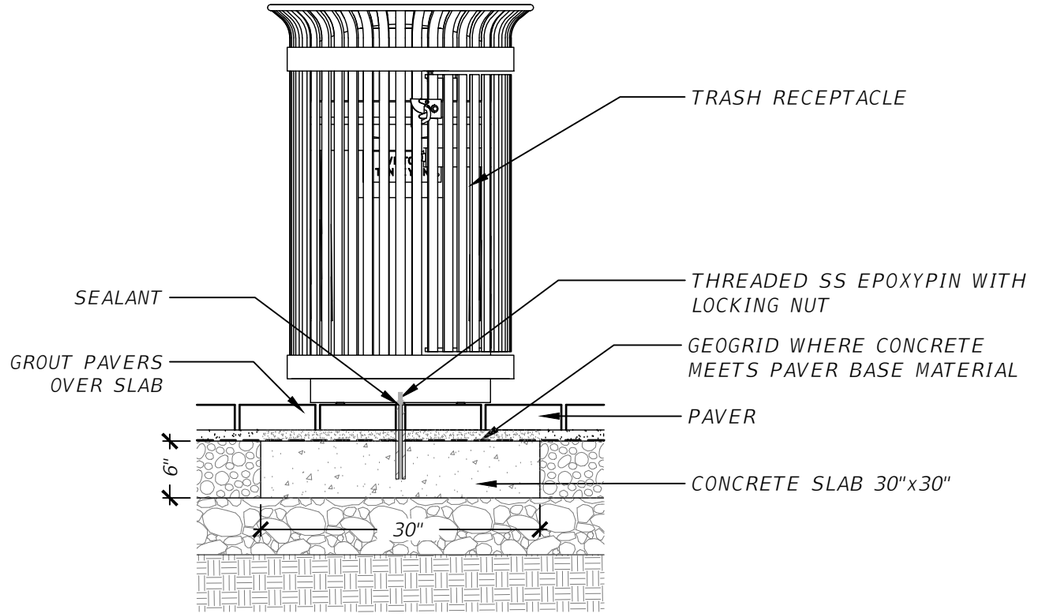
SHEET NO. LD-10



1 BENCH MOUNTING DETAIL

3/4" = 1'-0"

DCA-GR-32



2 TRASH RECEPTACLE MOUNTING DETAIL

3/4" = 1'-0"

DCA-GR-31

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HARDSCAPE DETAILS (3)

SHEET NO.

LD-11

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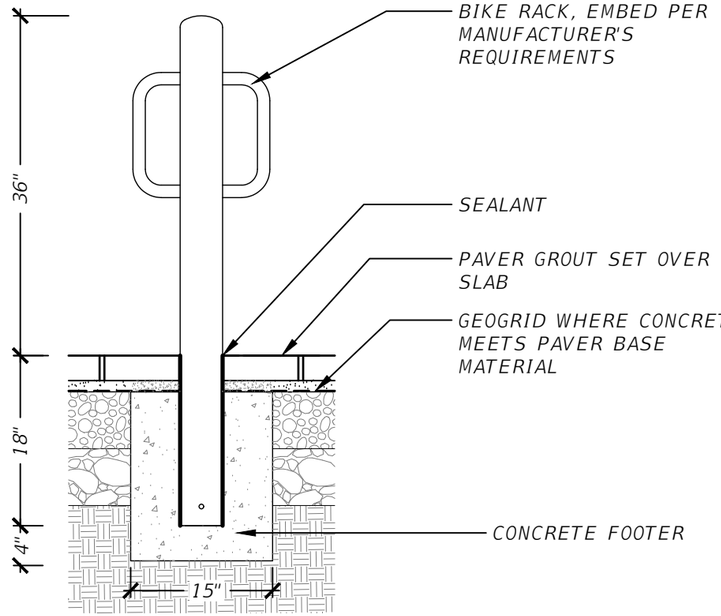
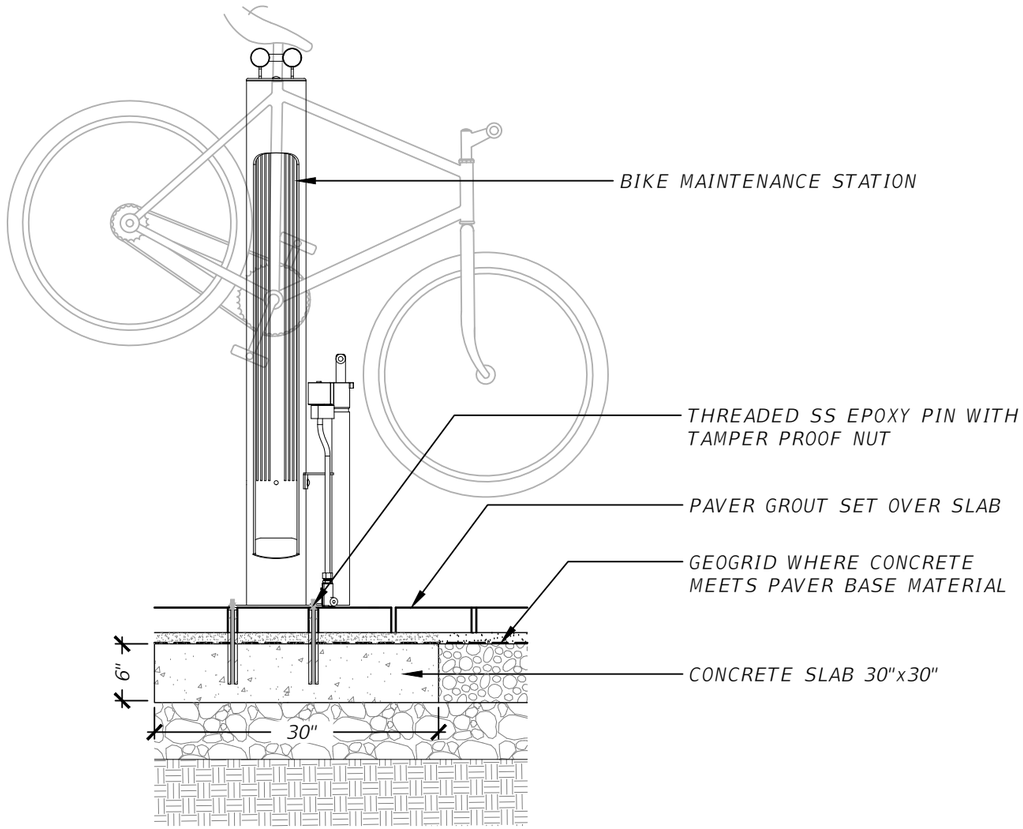


1 BIKE RACK MOUNTING DETAIL

3/4" = 1'-0" DCA-GR-34



2 BIKE MAINTENANCE STATION MOUNTING DETAIL

3/4" = 1'-0" DCA-GR-33

REVISIONS			
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	HILLSBOROUGH	

HARDSCAPE DETAILS (4)

SHEET NO. LD-12

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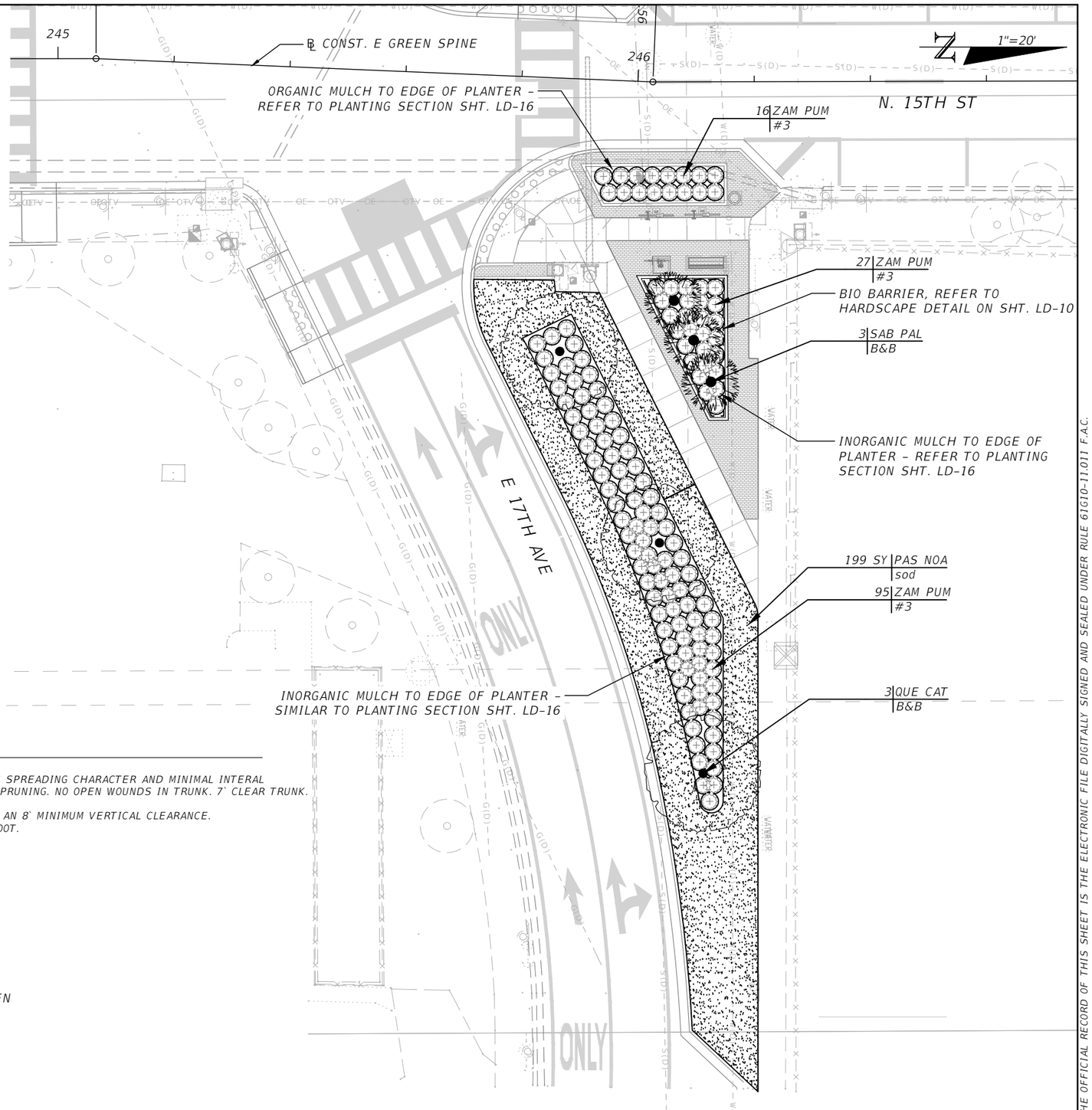

PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	REMARKS
QUE CAT	3	QUERCUS VIRGINIANA `CATHEDRAL` CATHEDRAL LIVE OAK	B&B	6" CAL.	20` HT X 10` SP	RPG TREES WITH SPREADING CHARACTER AND MINIMAL INTERAL GROWTH. NO TIP PRUNING. NO OPEN WOUNDS IN TRUNK. 7` CLEAR TRUNK.
SAB PAL	3	SABAL PALMETTO SABAL PALM	B&B		14` CT	14' CT, MAINTAIN AN 8` MINIMUM VERTICAL CLEARANCE. REGENERATED ROOT.

SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	REMARKS
ZAM PUM	138	ZAMIA PUMILA COONTIE	#3	15" HT X 15" SP	36" O.C.

GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	SPACING	REMARKS
PAS NOA	199 SY	PASPALUM NOTATUM `ARGENTINE` ARGENTINE BAHIAGRASS	SOD			

NOTES:

1. APPLY PRE-EMERGENT HERBICIDE TO ALL PLANT BEDS PRIOR TO APPLYING MULCH.
2. TREES TO COUNT TOWARDS TREE REPLACEMENT REQUIREMENTS FOR TREES REMOVED FOR E/W GREEN SPINECYCLE TRACK PHASE 3A - NUCCIO PARKWAY FROM NORTH NEBRASKA AVE TO 7TH AVE.

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PLANTING PLANS (1)

SHEET NO. LD-13

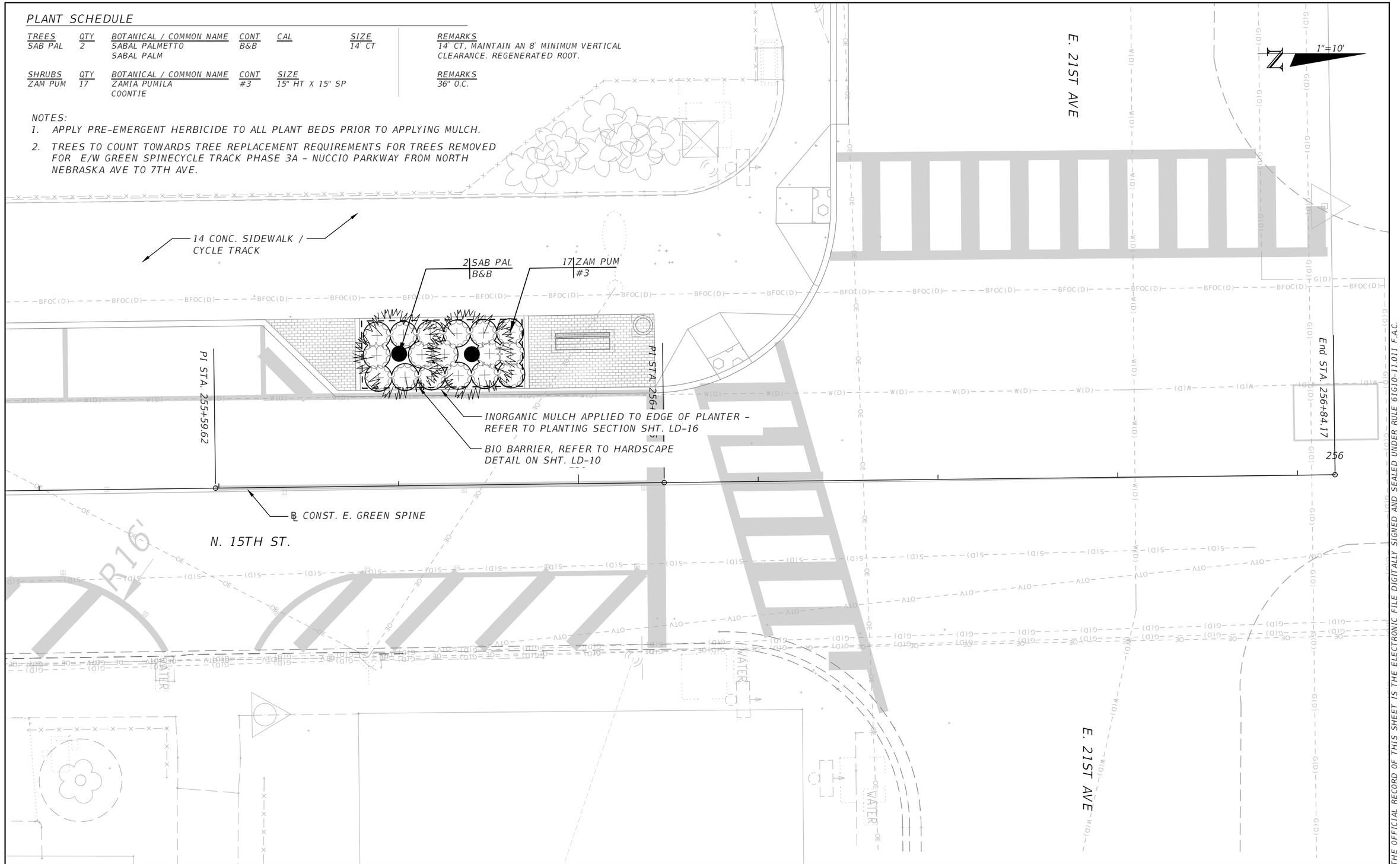
PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	REMARKS
SAB PAL	2	SABAL PALMETTO SABAL PALM	B&B		14` CT	14` CT, MAINTAIN AN 8` MINIMUM VERTICAL CLEARANCE. REGENERATED ROOT.

SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	REMARKS
ZAM PUM	17	ZAMIA PUMILA COONTIE	#3	15" HT X 15" SP	36" O.C.

NOTES:

1. APPLY PRE-EMERGENT HERBICIDE TO ALL PLANT BEDS PRIOR TO APPLYING MULCH.
2. TREES TO COUNT TOWARDS TREE REPLACEMENT REQUIREMENTS FOR TREES REMOVED FOR E/W GREEN SPINECYCLE TRACK PHASE 3A – NUCCIO PARKWAY FROM NORTH NEBRASKA AVE TO 7TH AVE.



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PLANTING PLANS (2)

SHEET NO. LD-14

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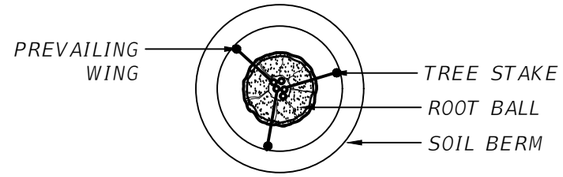
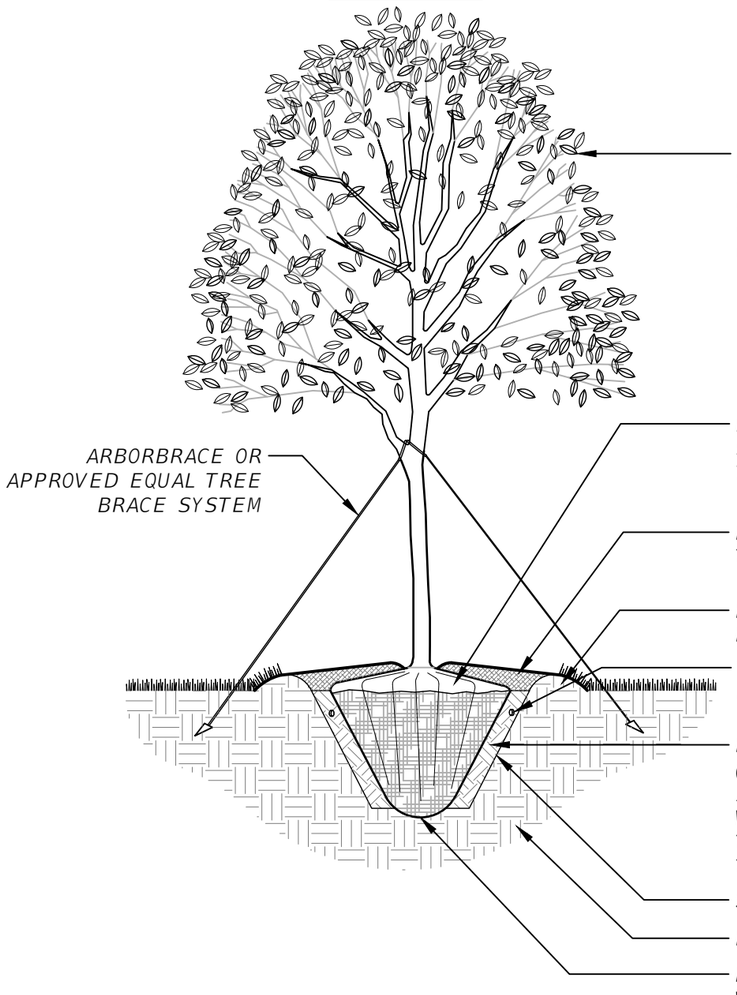


STAKING PLAN



DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED AS WELL. DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN. ALL TREES SHALL BE FREE OF OPEN WOUNDS AND WOUNDS SCARS IN THE CLEAR TRUNK AREA

REMOVE BURLAP FROM TOP AND TOP 3" PERIMETER OF ROOT BALL. REMOVE ALL STRAPS AND SYNTHETIC BURLAP COMPLETELY. CUT AND REMOVE WIRE BASKET A MIN. DEPT OF 4" BELOW TOP OF ROOT BALL.

FILL SOIL RING WITH 2"-3" DEPTH MULCH. DO NOT ALLOW MULCH TO BE PLACED AGAINST THE TRUNK

ROUND-TOPPED SOIL BERM 4" X 8" WIDE ABOVE ROOT BALL SURFACE CONSTRUCTED AROUND ROOT BALL. BERM SHALL BEGIN AT ROOT BALL PERIPHERY

TIME-RELEASE FERTILIZER. PROVIDE TABLET IN QUANITITY RECOMMENDED BY MANUFACTURER FOR SIZE OF TREE.

PLANTING SOIL MIX PER SPECIFICATION BLENDED ONSITE WITH NATIVE SOIL AT 1:2 RATIO (PLANTING SOIL : NATIVE SOIL). LIGHTLY TAMP SOIL AROUND THE ROOT BALL TO REMOVE AIR POCKETS. DO NOT OVER COMPACT. WHEN THE PLANT HOLE HAS BEEN BACKFILLED WATER JET THE PLANTING SOIL TO REMOVE ANY REMAINING AIR POCKETS AND STABALIZE THE ROOTBALL. FILL PLANT RING WITH WATER TO TOP OF PERIMETER SOIL RING AND ALLOW TO PERCOLATE INTO THE SOIL.

SLOPE SIDES OF SOIL

EXISTING SOIL

PLACE TREE ON UNDISTRURBED BOTTOM OF PIT. WHERE POOR DRAINAGE OR UNDERGROUND WATER IS SUSPECTED CONTACT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

NOTES:
1) PULL MULCH AWAY FROM TRUNK OF TREE. NO MORE THAN 1" OF MULCH ON TOP OF ROOT BALL.
2) APPLY PRE-EMERENT HERMICIDE TO ALL PLANTING BEDS PRIOR TO APPLYING MULCH.

1 LARGE TREE PLANTING

1/4" = 1'-0"

DCA-GR-09

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PLANTING DETAILS (1)

SHEET NO.
LD-15

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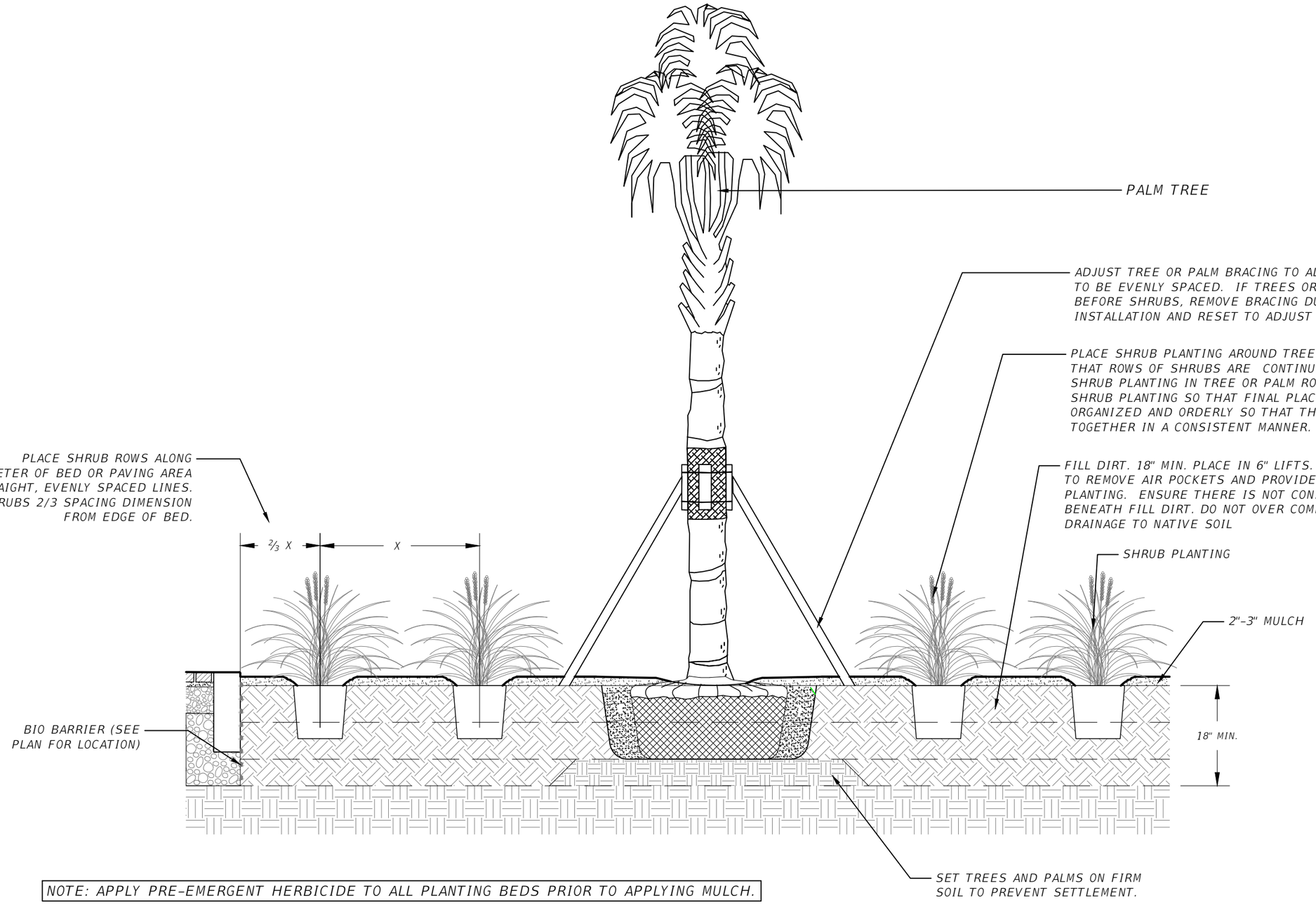

NOTE: APPLY PRE-EMERGENT HERBICIDE TO ALL PLANTING BEDS PRIOR TO APPLYING MULCH.

1 AT GRADE PLANTING AREA SECTION

1/2" = 1'-0"

DCA-GR-30

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PLANTING DETAILS (2)

SHEET NO. LD-16

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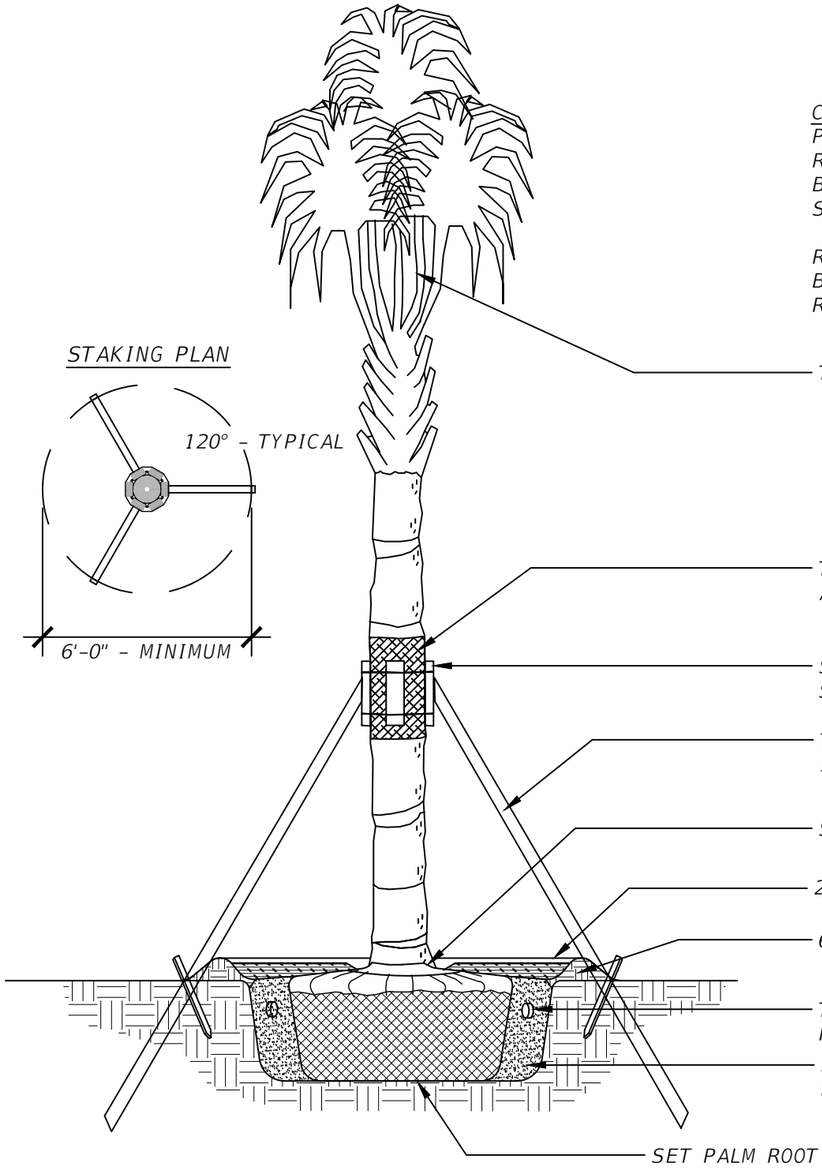

NOTE: APPLY PRE-EMERGENT HERBICIDE PRIOR TO APPLYING MULCH

1 PALM STAKING

1/2" = 1'-0"

003293-25

REVISIONS			
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PLANTING DETAILS (3)

SHEET NO.
LD-17

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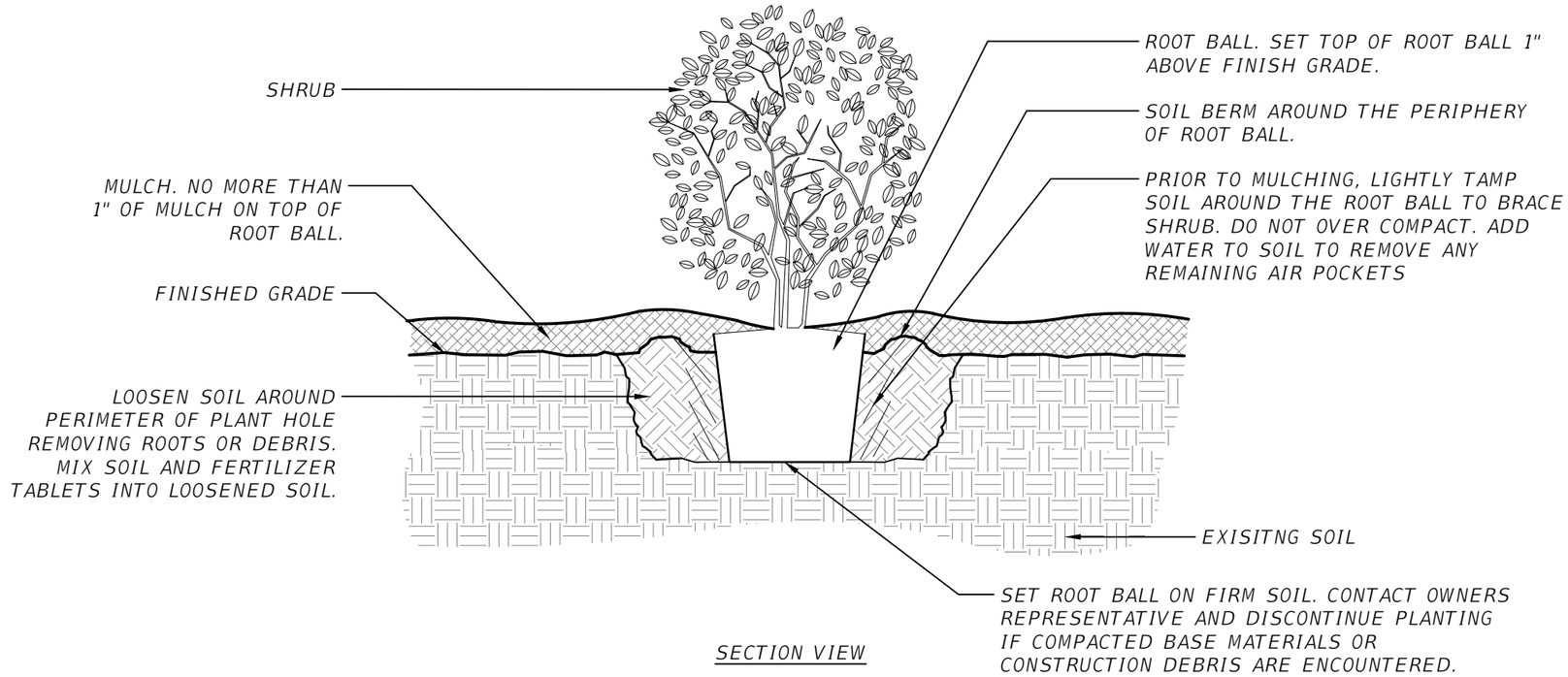

SECTION VIEW

NOTE: APPLY PRE-EMERGENT HERBICIDE PRIOR TO APPLYING MULCH

1 SHRUB - MODIFIED SOIL

3/4" = 1'-0"

DCA-GR-06

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PLANTING DETAILS (4)

SHEET NO.
LD-18