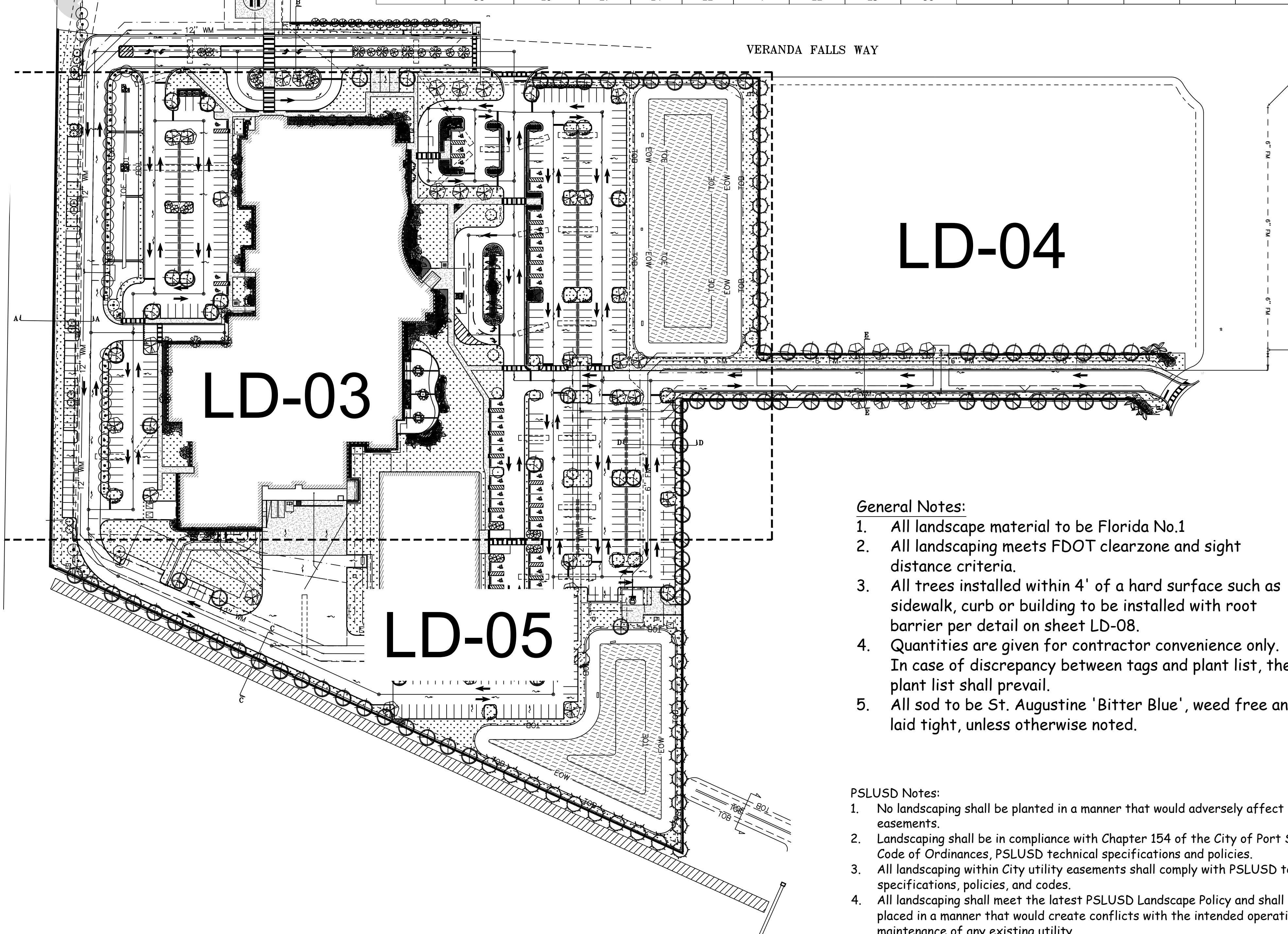


LD-02



General Notes:

1. All landscape material to be Florida No.1
 2. All landscaping meets FDOT clearzone and sight distance criteria.
 3. All trees installed within 4' of a hard surface such as sidewalk, curb or building to be installed with root barrier per detail on sheet LD-08.
 4. Quantities are given for contractor convenience only. In case of discrepancy between tags and plant list, the plant list shall prevail.
 5. All sod to be St. Augustine 'Bitter Blue', weed free and laid tight, unless otherwise noted.

PSI-USD Notes:

1. No landscaping shall be planted in a manner that would adversely affect utility easements.

2. Landscaping shall be in compliance with Chapter 154 of the City of Port St. Lucie Code of Ordinances, PSLUSD technical specifications and policies.

3. All landscaping within City utility easements shall comply with PSLUSD technical specifications, policies, and codes.

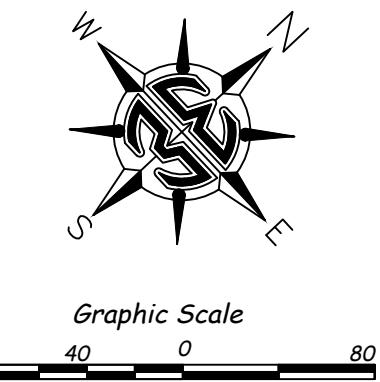
4. All landscaping shall meet the latest PSLUSD Landscape Policy and shall not be placed in a manner that would create conflicts with the intended operation and maintenance of any existing utility.

5. Trees shall not be planted within ten (10) feet of any PSLUSD underground infrastructure.

6. No landscaping other than sod grasses shall be located within 5' of a PSLUSD appurtenance such as a water meter assembly, backflow device, fire hydrant or sewer cleanout, etc.

Landscape Data: Perimeter Buffers

FOR GOVERNMENT
SUBMITTAL ONLY
NOT FOR BIDDING
PURPOSES



Indocean Ocean Association

Total Interior Trees Req.	38	
Total Interior Trees Prov.	134	
Overall Trees Req.	270	
Overall Trees Prov.	276	
Overall Shrubs Req.	2689	
Overall Shrubs Prov.	4034	
Type of Plant	Total	%
Flowering Trees	78	29
Native	241	89
Evergreen in parking lot	65	72
Drought Tolerant	2837	106

Landscape Legend:

Qty	Symb	WU	Name
Trees:			
10	AR		Red Maple (Native) <i>Acer rubrum</i> 'Florida Flame', FG, 14' Ht, 2.5" cal
42	BB		Hong Kong Orchid Tree <i>Bauhinia x blakeana</i> , FG. 14' Ht, 2.5" cal
2	CH		European Fan Palm <i>Chamaerops humilis</i> , FG, 8' Ht, Multi
14	IA		East Palatka Holly <i>Ilex attenuata</i> 'East Palatka', FG, 12' Ht, 5' Spr. 2.5" cal
43	IC		Dahoon Holly <i>Ilex cassine</i> , FG, 12' ht, 5' spr, 2.5" cal
46	LI		Crape Myrtle, Lavender <i>Lagerstromia indica</i> 'Muskogee', FG, 12' Ht, 2.5" cal total, multi
4	LI1		Crape Myrtle, White <i>Lagerstromia indica</i> 'Natchez', FG, 12' Ht, 2.5" cal total, multi
4	LI2		Crape Myrtle, Red <i>Lagerstromia indica</i> 'Red Rocket', FG, 8' Ht, 2.5" cal total, multi
93	QV		Live Oak (Native) <i>Quercus virginiana</i> , FG, 12' Ht, 6' Spr, 2.5" cal
24	RR		Royal Palm (Native) <i>Roystonea regia</i> , FG, 12' GW
9	SP1		Sabal Palm (Native) <i>Sabal palmetto</i> , FG, 30' OA HT
26	SP		Sabal Palm (Native) <i>Sabal palmetto</i> , FG, 18'-24' OA HT
31	TD		Bald Cypress (Native) <i>Taxodium distichum</i> , FG, 12' Ht, 5' Spr., 2.5" cal
Shrubs			
22	ASP		Variegated Cast Iron Plant <i>Aspidistra elatior</i> 'Variegata', 3 gal, 18" ht, 24" o.c.
321	CHR		Red Tip Cocoplum (Native) <i>Chrysobalanus icaco</i> 'Red Tip', 3 gal, 18"x18", 24" oc
12	CRI		Giant Crinum Lily <i>Crinum asiaticum</i> , 7 gal, 36", o.c
66	DIA		Variegated Flax Lily <i>Dianella tasmanica</i> variegata, 3 gal, 18" ht, 24" o.c.
121	DUR		Duranta 'Gold Mound' <i>Duranta erecta</i> 'Gold Mound', 3 gal, 12"x12", 24" oc
19	GAL		Thryallis <i>Galphimia gracilis</i> , 3 gal, 18"x18", 36" o.c.
710	HAM		Dwarf Firebush (Native) <i>Hamelia patens</i> 'Compacta', 24"x18", 24" o.c.
114	NEP		Macho Fern <i>Nephrolepis biserrata</i> , 3 gal, 18" ht, 36" o.c.
202	MUH		Muhly Grass (Native) <i>Muhlenbergia capillaris</i> , 3 gal, 18" ht, 36" o.c.
313	MYR		Wax Myrtle (Native) <i>Myrica cerifera</i> , 3 gal, 24"x18", 36" o.c.
1065	MYR1		Wax Myrtle <i>Myrica cerifera</i> , 7 gal, 48" ht, 36" o.c.
54	PSY		Wild Coffee (Native) <i>Psychotria nervosa</i> , 3 gal, 18"x18", 24" oc
88	SPA		Sand Cordgrass (Native) <i>Spartina bakeri</i> , 3 gal, 18" ht, 24" o.c.
68	TRI		Fakahatchee Grass (Native) <i>Tripsacum dactyloides</i> , 3 gal, 18" ht, 36" o.c.
246	VIB		Dwarf Walters Viburnum (Native) <i>Viburnum obovatum</i> 'Mrs Schiller', 3 gal, 18"x18", 24" o.c.
489	VIO		Dwarf Walters Viburnum (Native) <i>Viburnum obovatum</i> 'Select', 3 gal, 24"x18", 24" o.c.
219	ZAM		Coontie (Native)

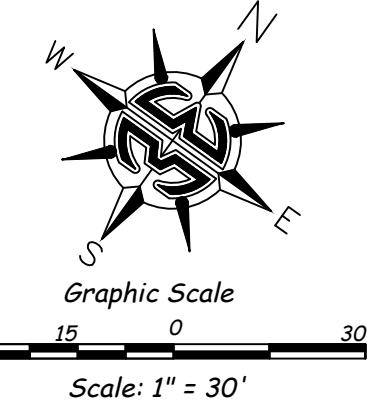
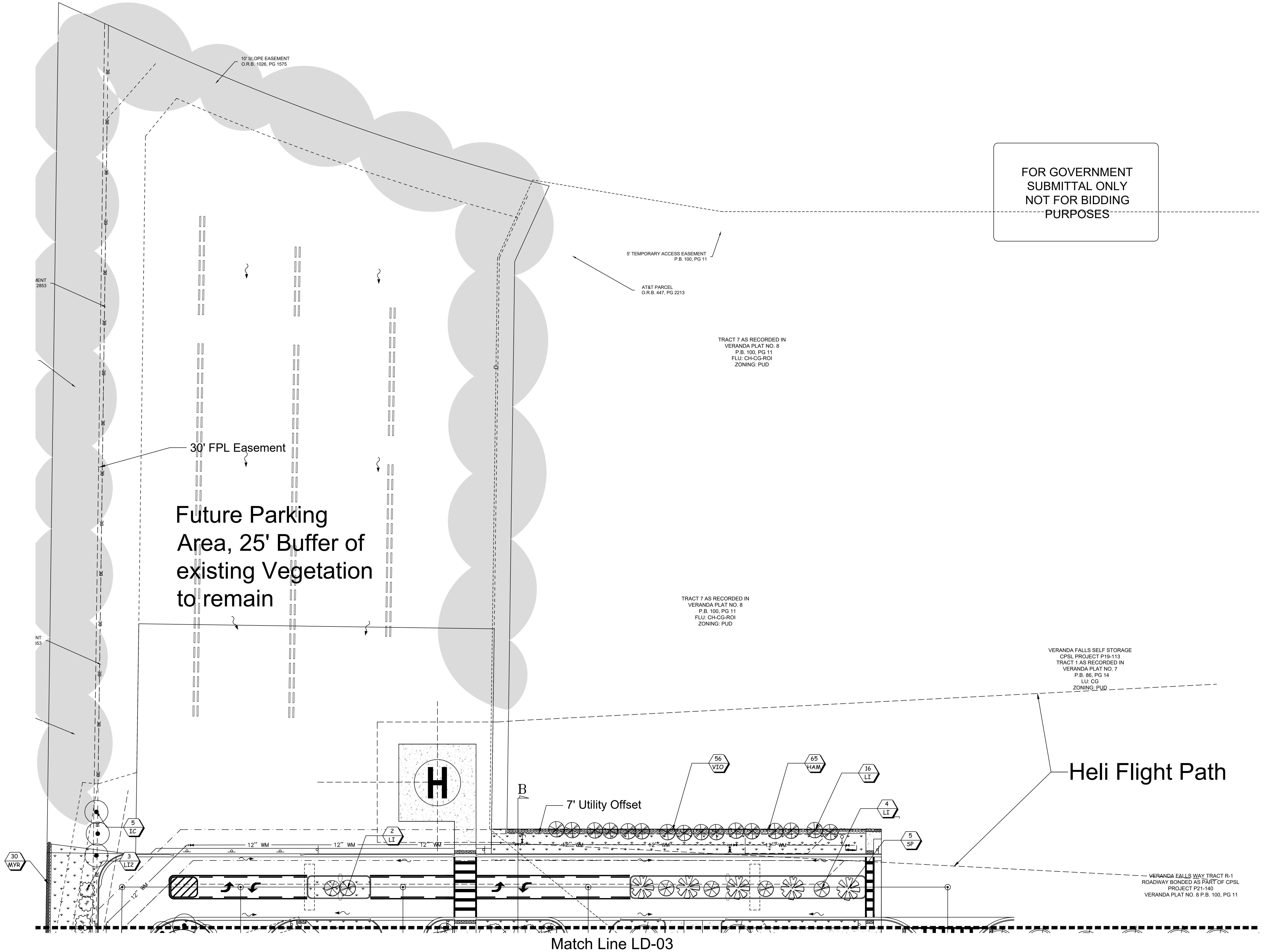
E-mail Communication 113

a Coast Surgical Hospital
City of Port St. Lucie

Florida Coast Surgical Hospital City of Port St. Lucie Overall Landscape Plan

Landscape Design Associates
25110 NW 182nd Ave
High Springs, FL 32643
3352-210-5765 or www.landscapeda.com

of Port St. Lucie Project No: P22-127-A1
LUSD File No: 11-824-13C



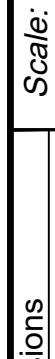
Scale: 1" = 30'

Landscape Design Associates

Florida Coast Surgical Hospital

City of Port St. Lucie

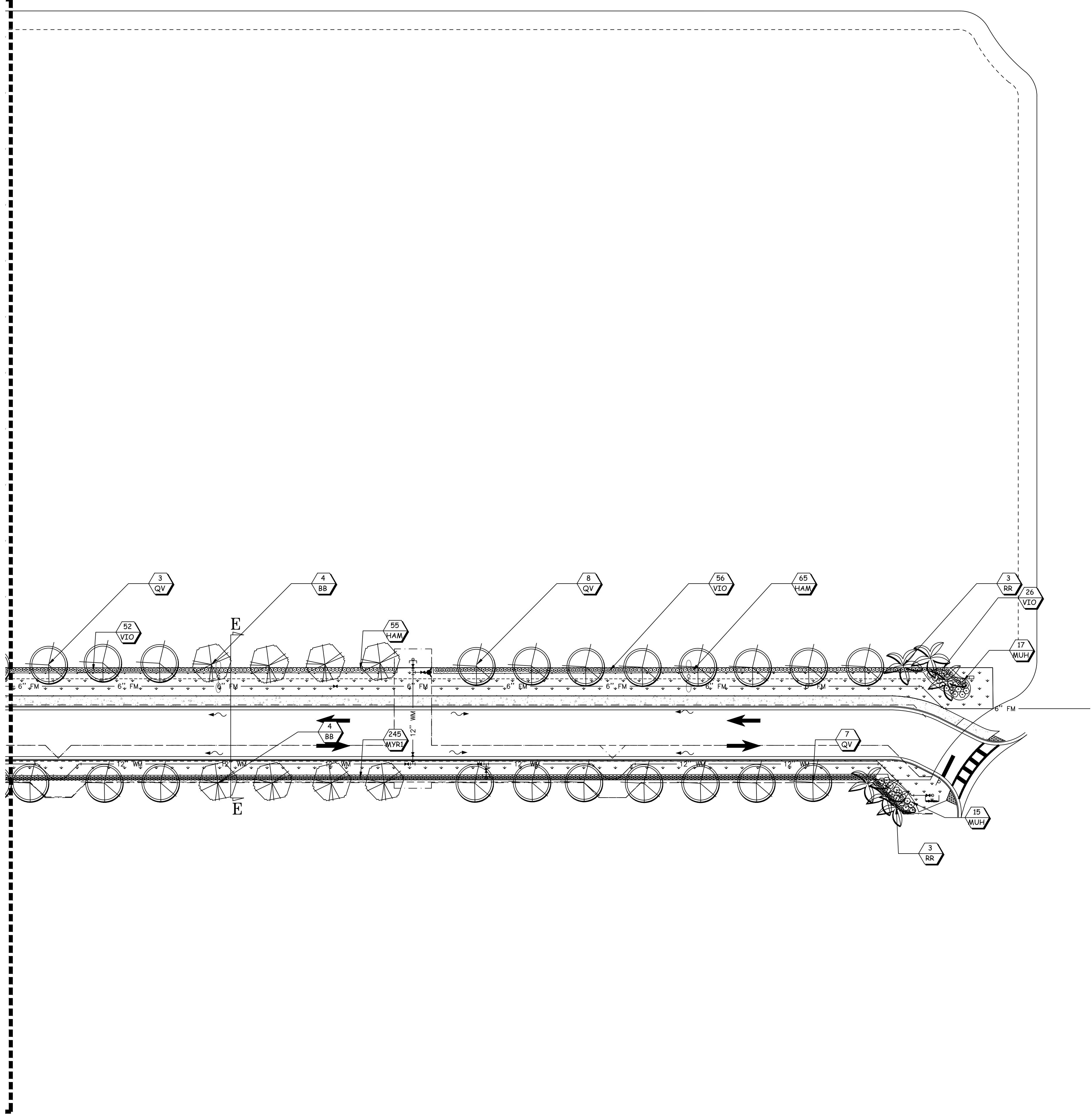
Landscape Plan

 Florida Coast Surgical Hospital City of Port St. Lucie Landscape Plan		<small>© 2004 THESE PLANS AND THE INFORMATION SHOWN HEREIN ARE THE PROPERTY OF LANDSCAPE DESIGN ASSOCIATES, AND REPRODUCTIONS, DISCLOSURES OR USE THEREOF IN WHOLE OR IN PART IS EXPRESSLY PROHIBITED WITHOUT WRITTEN CONSENT.</small>	
		Revisions Date: 11.17.23 Comments: LD-02	Scale: 1"=30' Drawn by: CA Checked by: SM CADD No.: 22-044 Date: 5.4.22
11.17.23 LD-02			

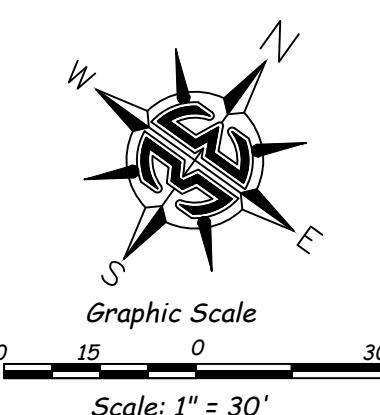
City of Port St. Lucie Project No: P22-127-A1
PSLUSD File No: 11-824-13C

11.17.23
LD-02

Match Line LD-03



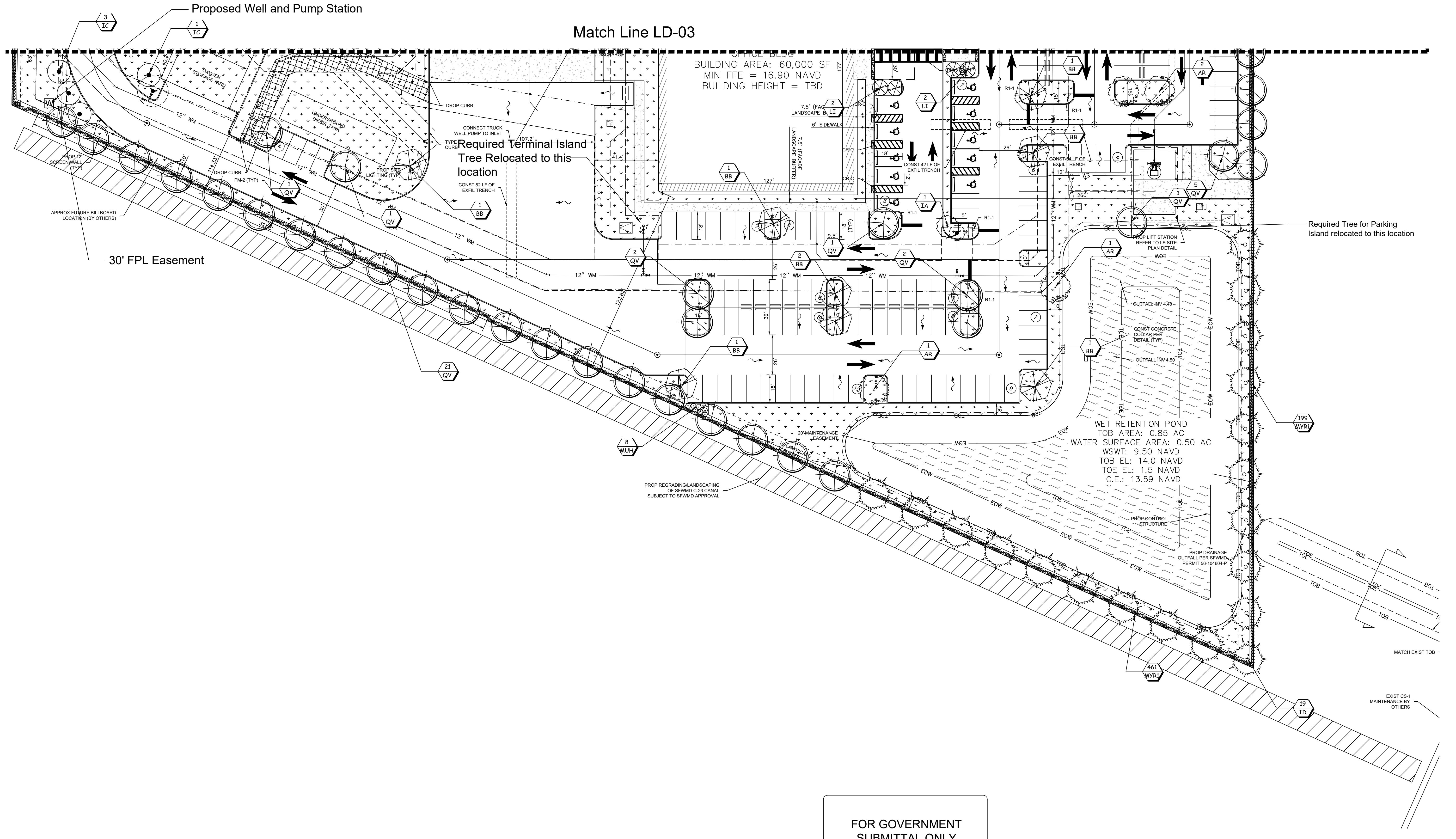
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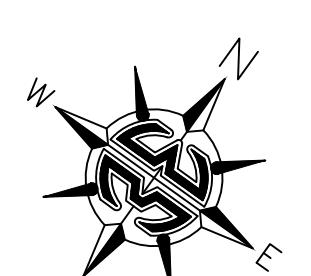
City of Port St. Lucie Project No: P22-127-A1
PSLUSD File No: 11-824-13C

11.17.23
LD-04

Florida Coast Surgical Hospital		Landscape Design Associates	
City of Port St. Lucie		25110 NW 182nd Ave High Springs, FL 32643	
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11.17.23 revised utilities	6.5.23 per staff comments	6.8.23 per FPL comments	
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City of Port St. Lucie Project No: P22-127-A1
SLUSD File No: 11-824-13C

dscape Design Associates
25110 NW 182nd Ave
High Springs, FL 32643
352-210-5765 ph, www.landscapeda.com

A black and white line drawing of a stylized, symmetrical plant or flower with broad, lobed leaves and a central stem.

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Date	Comments	Drawn by:	CA	Checked by:
2.28.23	per staff comments	SM	CADD No.:	22-044
5.10.23	per staff comments		Date:	5.4.22
6.5.23	per staff comments			
6.8.23	per FPL comments			
11.17.23	revised utilities			

Coast Surgical Hospital City of Port St. Lucie Landscape Plan

A circular seal for a registered landscape architect. The outer ring contains the text "REGISTERED LANDSCAPE ARCHITECT" at the top and "FLORIDA" at the bottom, separated by stars. The inner circle contains "CABINET" at the top, "LA0001733" in the center, "STATE" in the middle, and "FLORIDA" at the bottom. The signature "S. Stroos" is in the center of the inner circle. The entire seal is enclosed in a decorative rope-like border.

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PLANTING NOTES:

FERTILIZER

FERTILIZERS SHALL BE SLOW RELEASE, UNIFORM IN COMPOSITION, DRY AND FREE FLOWING. THE FERTILIZER SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED BAGS, EACH BEARING THE MANUFACTURER'S STATEMENT OF ANALYSIS, AND SHALL MEET THE FOLLOWING REQUIREMENTS: SIX (6) PERCENT NITROGEN, SIX (6) PERCENT PHOSPHOROUS, AND SIX (6) PERCENT POTASSIUM. FERTILIZER SHALL BE APPLIED TO ALL SHRUBS (1/3 LB PER 3 GAL POT, 1/4 LB PER 1 GAL POT) AND GROUNDCOVER. THE SOD STARTER FERTILIZER MIXTURE SHALL BE A 5-10-10 ANALYSIS. A 14-14-14 FERTILIZER ANALYSIS IS REQUIRED ON ALL TREES AND SHRUBS OVER 5' IN HEIGHT (1/2 LB PER 5' OF SPREAD). AGRIFORM TABLETS WITH TWENTY (20) PERCENT NITROGEN, TEN (10) PERCENT PHOSPHOROUS, FIVE (5) PERCENT POTASSIUM IN 21 GRAM SIZES SHALL BE APPLIED ALONG WITH THE FERTILIZER PROCESS (1 WITH 1 GAL PLANTS, 2 WITH 3 GAL PLANTS AND 2 TABLETS PER 1" OF TREE TRUNK CALIPER). MAGNESIUM SULFATE SHALL BE APPLIED TO ALL PALMS AT INSTALLATION AT A RATE OF 1/2 LB PER INCH OF TRUNK CALIPER. MANGANESE SHALL BE APPLIED AT THE SAME RATE.

MULCH

MULCH MATERIAL SHALL BE COLORED 'A' GRADE CERTIFIED RECYCLED MULCH AND MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT. MULCH SHALL BE APPLIED TO A MINIMUM OF 3" DEPTH IN PLANTING BEDS. MULCH SHALL NOT BE PLACED WITHIN 6" OF TREE OR PALM TRUNKS.

SOD

THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.

SUBSTITUTIONS

NO SUBSTITUTION OF PLANT MATERIAL TYPES OR SIZES WILL BE ALLOWED WITHOUT WRITTEN AUTHORIZATION FROM THE LANDSCAPE ARCHITECT OF RECORD. CONTAINER GROWN MATERIAL WILL NOT BE ACCEPTED AS A SUBSTITUTE FOR B&B MATERIAL UNLESS PREVIOUSLY APPROVED.

INTENDED SUBSTITUTIONS SHALL BE SPELLED OUT IN BID. MEASUREMENTS

SHADE TREES: HEIGHT SHALL BE MEASURED FROM GROUND TO THE AVERAGE BRANCH HEIGHT OF CANOPY. SPREAD SHALL BE MEASURED TO THE END OF BRANCHING EQUALLY AROUND THE CROWN FROM THE CENTER OF THE TRUNK. MEASUREMENTS ARE NOT TO INCLUDE ANY TERMINAL GROWTH. SINGLE TRUNK TREES SHALL BE FREE OF "V" CROTCHES THAT COULD BE POINTS OF WEAK LIMB STRUCTURE OR DISEASE INFESTATION.

SHRUBS: HEIGHT SHALL BE MEASURED FROM THE GROUND TO THE AVERAGE POINT WHERE MATURE PLANT GROWTH STOPS. SPREAD SHALL BE MEASURED TO THE END OF BRANCHING EQUALLY AROUND THE SHRUB MASS. MEASUREMENT AREA NOT TO INCLUDE ANY TERMINAL GROWTH.

PALMS: CLEAR TRUNK SHALL BE MEASURED FROM THE GROUND AT THE TIME OF INSTALLATION TO THE POINT WHERE THE MATURE AGED TRUNK JOINS THE IMMATURE OR GREEN PORTION OF THE TRUNK OR HEAD.

GREY WOOD (G.W.) - SHALL BE MEASURED FROM THE GROUND AT THE TIME OF INSTALLATION TO TOP OF THE HARDENED TRUNK.

OVERALL HEIGHT (O.A.) - SHALL BE MEASURED FROM THE GROUND AT THE TIME OF INSTALLATION TO THE AVERAGE FROND HEIGHT.

PALMS WITH MARRED OR BURNED TRUNKS WILL NOT BE ACCEPTED.

PLANTING SOIL AND BACKFILL

TOPSOIL SHALL CONSIST OF A STABILIZED MIXTURE OF GROUND YARD TRIMMINGS AND POSSIBLY BIOSOLIDS PROCESSED ACCORDING TO STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GUIDELINES FOR THE PROCESSING AND DISTRIBUTION OF SEWAGE SLUDGE COMPOST. RECYCLED TOPSOIL SHALL ONLY BE OBTAINED FROM A STATE PERMITTED RECYCLING FACILITY WHICH IS ALSO D.O.T. CERTIFIED AND STORES PRODUCT ON A PAD WITH A CURRENT NEMATODE CERTIFICATION FROM FLORIDA DEPARTMENT OF AGRICULTURE. RECYCLED TOPSOIL SHALL HAVE THE FOLLOWING CHARACTERISTICS:

- WEED FREE
- MOISTURE CONTENT 50% BY WEIGHT MAXIMUM
- WATER HOLDING CAPACITY 200% BY WEIGHT MINIMUM
- CARBON TO NITROGEN RATIO LESS THAN 25 TO 1
- ORGANIC MATTER CONTENT 40% BY DRY WEIGHT MINIMUM
- SOLUBLE SALTS LESS THAN 3 MMhos/cm
- PH RANGE 7.0 - 7.9
- MINIMUM NUTRIENT LEVELS AS FOLLOWS:

MACRO NUTRIENTS: NITROGEN (N) - 1% MINIMUM, WATER INSOLUBLE NITROGEN 90% MINIMUM, PHOSPHORUS (P) - 0.5% MINIMUM, POTASSIUM (K) - 0.2% MINIMUM AND OTHER MACRO AND MICRO NUTRIENTS. THE RECYCLED TOPSOIL SHALL CONTAIN LEVELS OF THOSE MICRO NUTRIENTS NECESSARY FOR PLANT GROWTH. THESE INCLUDE CALCIUM, MAGNESIUM, SULFUR, BORON, COPPER, IRON, MANGANESE AND MOLYBDENUM. TOPSOIL NOT MEETING THESE REQUIREMENTS WILL NOT BE ACCEPTED.

BACKFILL:

ALL NEW AND TRANSPLANTED PLANT MATERIAL (INCLUDING NEW SOD) SHALL BE PLANTED ONLY AFTER PREPARATION OF EXISTING SOIL AS FOLLOWS: SPREAD A LAYER OF 3" DEPTH OF RECYCLED TOPSOIL (AS DEFINED ABOVE) OVER THE ENTIRE PLANTING AREA. THE TOPSOIL SHALL THEN BE UNIFORMLY DISKED, TILLED OR AERIFIED INTO THE EXISTING SOIL TO A DEPTH OF 12" UNDERNEATH SHRUBS AND GROUNDCOVERS, 6" UNDERNEATH SOD AND TO A DEPTH OF 36" FOR THE TREE PITS, WITH THE FOLLOWING EXCEPTION: NO ROTOTILLING OR DISKING SHALL OCCUR CLOSER TO THE TRUNKS OF ESTABLISHED PLANTS THAN ONE HALF (1/2) THE DISTANCE OF THE CANOPY FURTHER OUT FROM THE DRIP LINE OF THE EXISTING PLANT CANOPY. ALL PLANTS, INCLUDING HEDGES AND GROUNDCOVER SHALL BE PLANTED IN INDIVIDUALLY DUG HOLES AND THE MATERIAL DUG FROM THE HOLES SHALL THEN BE FURTHER MIXED WITH THE PREPARED SITE SOIL PRIOR TO BACKFILLING OF THE PLANTING HOLES AROUND THE ROOT BALLS. NO ADDITIONAL BACKFILL SOIL SHALL BE USED. AN EXCEPTION ARE PLANTING PITS FOR CABBAGE PALMS, WHICH SHALL BE BACKFILLED WITH CLEAN NATIVE SAND ONLY.

REMOVE EXCESS MATERIAL TO PROVIDE PROPER FINISHED GRADE.

PLANT MATERIALS

TREES, PALMS, SHRUBS, GROUNDCOVERS:

PLANT SPECIES AND SIZES SHALL CONFORM TO THOSE INDICATED IN THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I & II, LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE NORMAL FOR THE VARIETY AND FLORIDA GRADE NUMBER 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY.

SPECIMEN MEANS AN EXCEPTIONALLY HEAVY, SYMMETRICAL, TIGHTLY KNIT PLANT, SO TRAINED OR FAVERED IN ITS DEVELOPMENT THAT FIRST APPEARANCE IS UNQUESTIONABLE AND IT IS OUTSTANDINGLY SUPERIOR IN FORM, NUMBER OF BRANCHES, COMPACTNESS AND SYMMETRY.

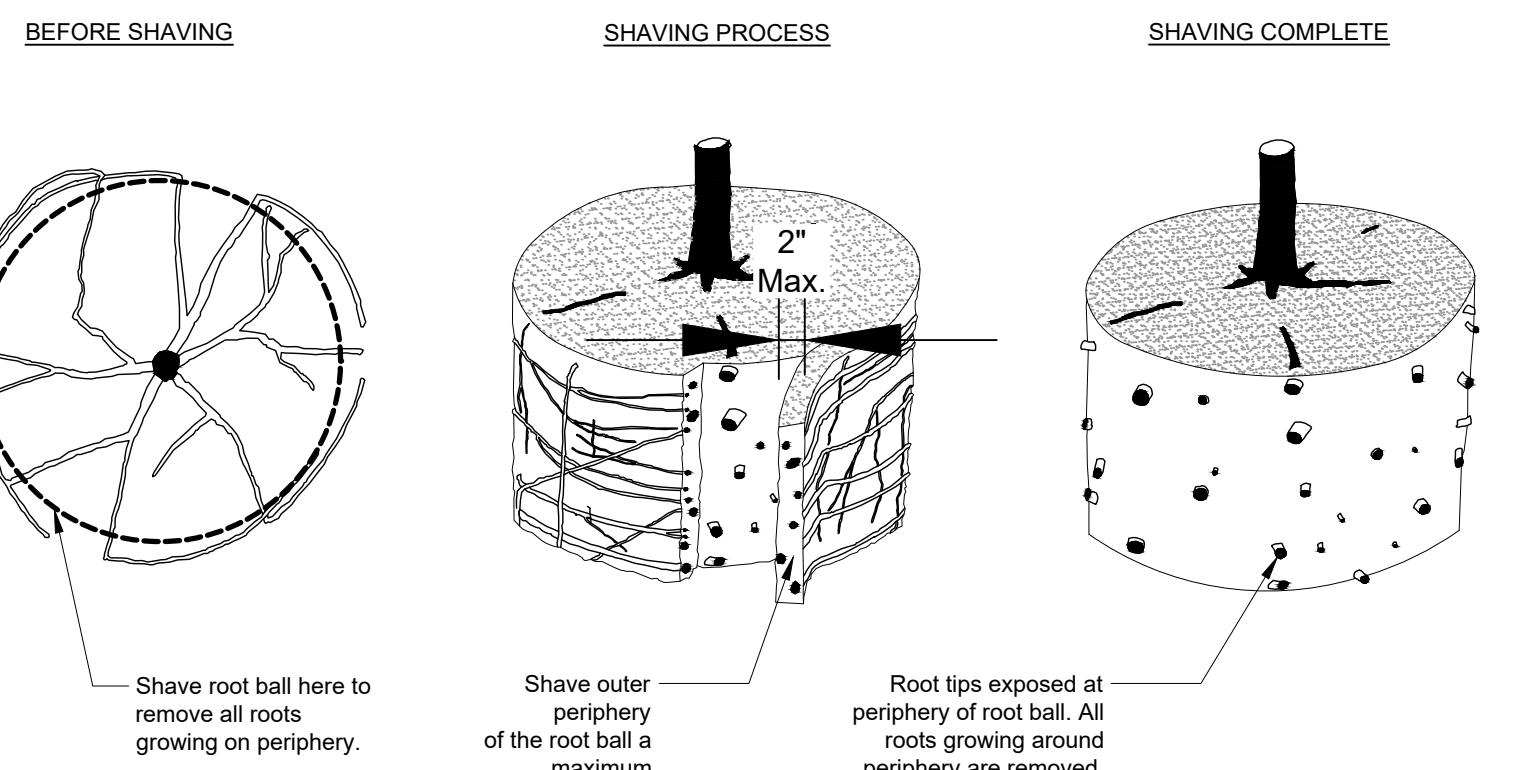
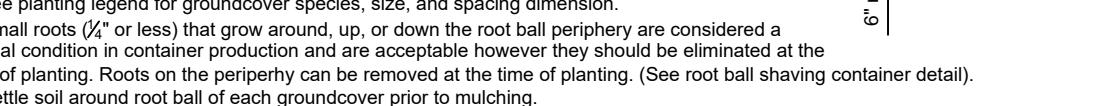
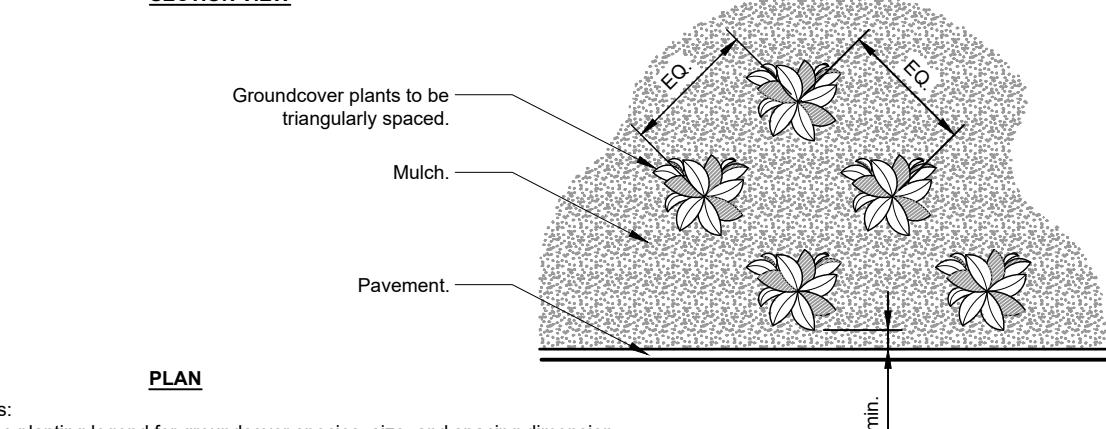
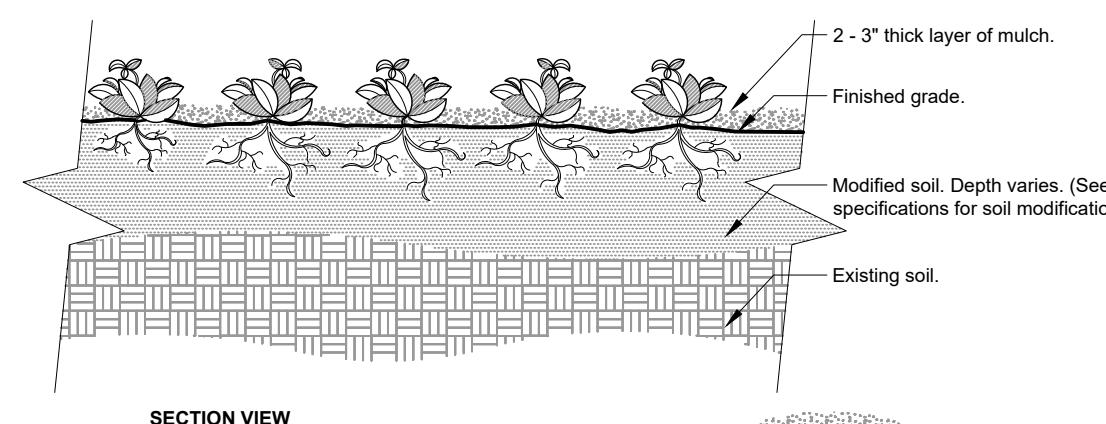
ALL PLANTS SHALL BE FRESHLY DUG, SOUND, HEALTHY, VIGOROUS, WELL BRANCHED AND FREE OF DISEASE AND INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT, WHERE REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.

ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS OF GOOD QUALITY AND BE IN HEALTHY GROWING CONDITION, AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER.

PALMS WITH MARRED OR BURNED TRUNKS WILL NOT BE ACCEPTED.

GENERAL NOTES:

1. THE CONTRACTOR SHALL PERSONALLY ACQUAINT HIM/HER SELF WITH THE EXISTING SITE CONDITIONS AND THE EXTENT AND SCOPE OF WORK REQUIRED.
2. THE PLANT LIST INDICATES THE NAMES, SIZES AND SPACING OF SPECIFIC PLANT MATERIALS. QUANTITIES HAVE BEEN PROVIDED TO THE CONTRACTOR AS A CONVENIENCE, THE CONTRACTOR IS RESPONSIBLE FOR HIS/HER OWN QUANTITY COUNT, IN CASE OF DISCREPANCIES BETWEEN THE DRAWINGS AND PLANT LIST, THE QUANTITIES ON THE PLANT LIST SHALL PREVAIL.
3. NO SUBSTITUTES ON VARIETIES LISTED WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM LANDSCAPE ARCHITECT.
4. PLANTS SHALL BE WATERED AS NECESSARY OR WITHIN 24 HOURS AFTER NOTIFICATION BY THE LANDSCAPE ARCHITECT.
5. THE LOCATIONS OF PLANTS, AS SHOWN IN THESE PLANS, ARE APPROXIMATE. THE FINAL LOCATIONS MAY BE ADJUSTED TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS. MAJOR ADJUSTMENTS TO THE LAYOUT ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT OF RECORD.
6. ALL PLASTIC FABRIC SHALL BE REMOVED FROM PLANT MATERIAL AT TIME OF INSTALLATION.
7. ALL TREES MUST BE STAKED AS SHOWN ON THE LANDSCAPE DETAIL SHEET WITHIN 24 HRS OF PLANTING. STAKES TO REMAIN FOR A MINIMUM OF 12 MONTH BUT NO LONGER THAN 18 MONTH. CONTRACTOR RESPONSIBLE FOR MAINTENANCE AND REMOVAL OF THE STAKES.
8. ALL TREES MUST BE PRUNED AS PER LANDSCAPE ARCHITECT DIRECTION.
9. ALL SOD EDGES SHALL BE TRIMMED AS PER THE LANDSCAPE ARCHITECT'S DIRECTION.
10. ALL SHRUBS, TREES, GROUNDCOVERS, AND SOD AREAS SHALL HAVE IMPROVED SOIL AS PER PLANTING SOIL NOTES.
11. DO NOT ALLOW AIR POCETS TO FORM WHEN BACKFILLING.
12. SOAK PLANTS IMMEDIATELY WITH WATER FOLLOWING PLANTING.
13. MAINTAIN THE ORIGINAL GRADE OF THE TREE BASE.
14. DO NOT BREAK ROOTBALL. SHAVE ROOTBALL OF TREES PER DETAIL BELOW.
15. ALL PLANTS SHALL BE HARDY UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE ON LOCALITY OF THE PROJECT.
16. THE LANDSCAPE CONTRACTOR SHALL WATER, MULCH, WEED, PRUNE, AND OTHERWISE MAINTAIN ALL PLANTS, INCLUDING SOD, UNTIL COMPLETION OF THE CONTRACT OR ACCEPTANCE BY THE LANDSCAPE ARCHITECT. SETTLED PLANTS SHALL BE RESET TO PROPER GRADE, PLANTING SAUCERS RESTORED, AND DEFECTIVE WORK CORRECTED.
17. THE LANDSCAPE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR DEBRIS CAUSED BY THE CREWS DURING THE PERFORMANCE OF THE WORK UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROMPTLY REMOVE ALL WASTE MATERIALS, DEBRIS, UNUSED PLANT MATERIAL, EMPTY PLANT CONTAINERS AND ALL EQUIPMENT FROM THE PROJECT SITE.
18. UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND REQUEST A FINAL INSPECTION. ANY ITEMS THAT ARE JUDGED INCOMPLETE OR UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR REPRESENTATIVE SHALL BE PROMPTLY CORRECTED BY THE LANDSCAPE CONTRACTOR.
19. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE IN WRITING FROM THE LANDSCAPE ARCHITECT. AT THE TIME OF FINAL ACCEPTANCE THE ONE (1) YEAR PERIOD SHALL COMMENCE. ANY MATERIALS WHICH HAVE DIED DURING THIS PERIOD SHALL BE PROMPTLY REPLACED WITH SPECIMENS THAT MEET THE MINIMUM REQUIREMENTS CALLED FOR IN THE DRAWINGS. THE LANDSCAPE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR THE DEATH OR DAMAGE RESULTING FROM LIGHTNING, VANDALISM, AUTOMOBILES OR FROM NEGLIGENCE BY THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND OTHERWISE MAINTAINING PLANTS DURING THE GUARANTEE PERIOD UNLESS A WRITTEN AGREEMENT WITH THE LANDSCAPE ARCHITECT PROVIDES FOR A DIFFERENT ARRANGEMENT.
20. ALL LABOR AND MATERIAL FOR SOIL AMENDMENTS AND FERTILIZER THAT IS REQUIRED TO INSURE THE SUCCESSFUL ESTABLISHMENT AND SURVIVAL OF THE PROPOSED VEGETATION AS WELL AS ALL COST FOR THE REMOVAL OF UNSUITABLE OR EXCESS BACKFILL MATERIAL SHALL BE INCLUDED IN THE CONTRACTOR'S BID TO PERFORM THE WORK PRESENTED IN THIS PLAN SET.
21. NO LANDSCAPING ADDED UNDER THIS PROJECT SHALL BE LOCATED SUCH THAT SAID LANDSCAPING OBSCURES MOTORIST'S VISIBILITY OF ANY EXISTING SIGN(S).



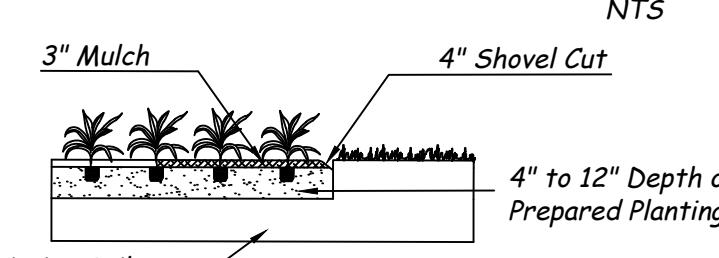
Notes:
1- Shaving to be conducted using a sharp blade or hand saw eliminating no more than needed to remove all roots on the periphery of root ball.
2- Shaving can be performed just prior to planting or after placing in the hole.

URBAN TREE FOUNDATION © 2014
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ROOT BALL SHAVING CONTAINER DETAIL

Watering Schedule			
Item	Water	Month	No. of Applications
Palms	20 gal	1	12
Large Trees	30 gal	2	12
Small Trees	20 gal	3	8
Large Shrubs	10 gal	4	8
Small Shrubs	5 gal	5	5
Groundcover	5 gal		
Total Applications			45

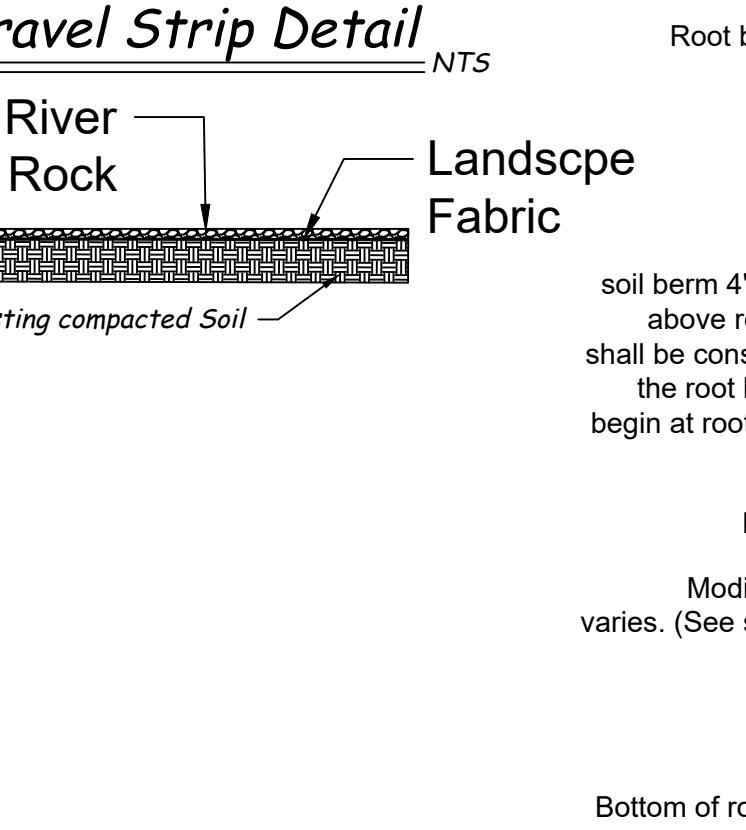
Planting Edge at Sod Detail



Notes:
1- Trees shall be of quality prescribed in crown observations detail and specifications.
2- See specifications for further requirements related to this detail.

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Gravel Strip Detail



Notes:
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2- See specifications for further requirements related to this detail.

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Notes:
 1- Trees shall be of quality prescribed in crown observations and root observations details and specifications.
 2- See specifications for further requirements related to this detail.

Trunk caliper shall meet ANSI Z60 current edition for root ball size.
 Root ball modified as required.
 Round-topped soil berm 4" high x 8" wide above root ball surface shall be constructed around the root ball. Berm shall begin at root ball periphery.

TREE IN POORLY DRAINED SOIL

P-X

1/2" = 1'-0"

Central leader. (See crown observations detail).

Root ball surface shall be positioned to be one - quarter above finished grade. Prior to mulching, lightly tamp soil around the root ball in 6" lifts to brace tree. Do not over compact. When the planting hole has been backfilled, pour water around the root ball to settle the soil.

Existing site soil added to create a smooth transition from the top of the raised root ball to the finished grade at a 15% max. slope.

4" layer of mulch. No more than 1" of mulch on top of root ball. (See specifications for mulch).

Original grade.
 Finished grade.

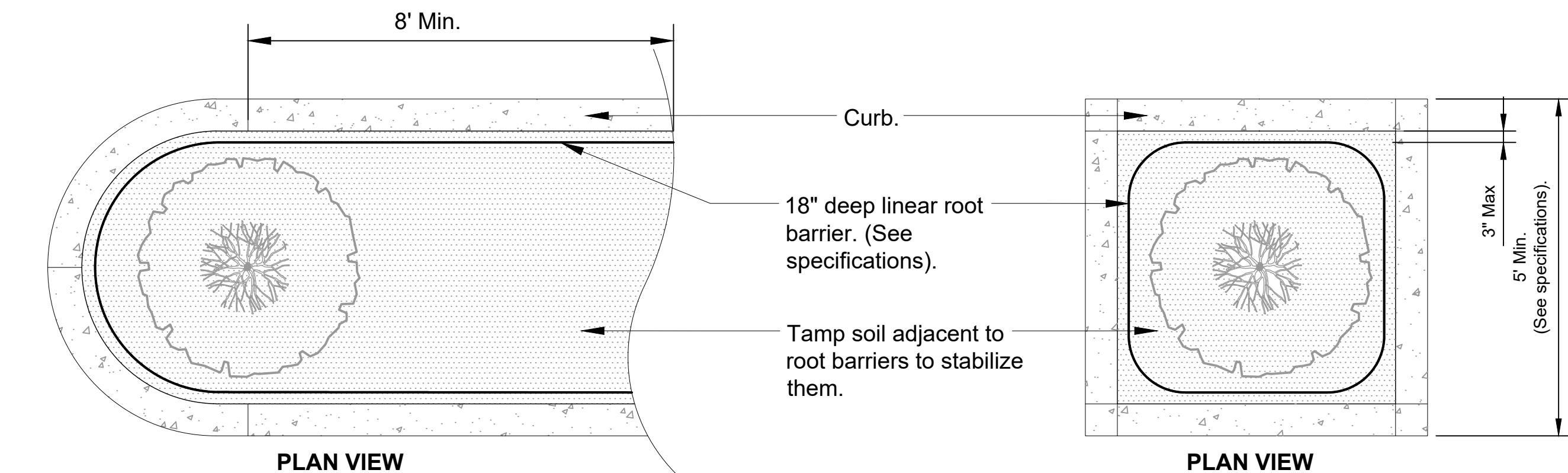
Bottom of root ball rests on existing or recompacted soil.

Loosened soil. Dig and turn the soil to reduce compaction to the area and depth shown.

Existing soil.

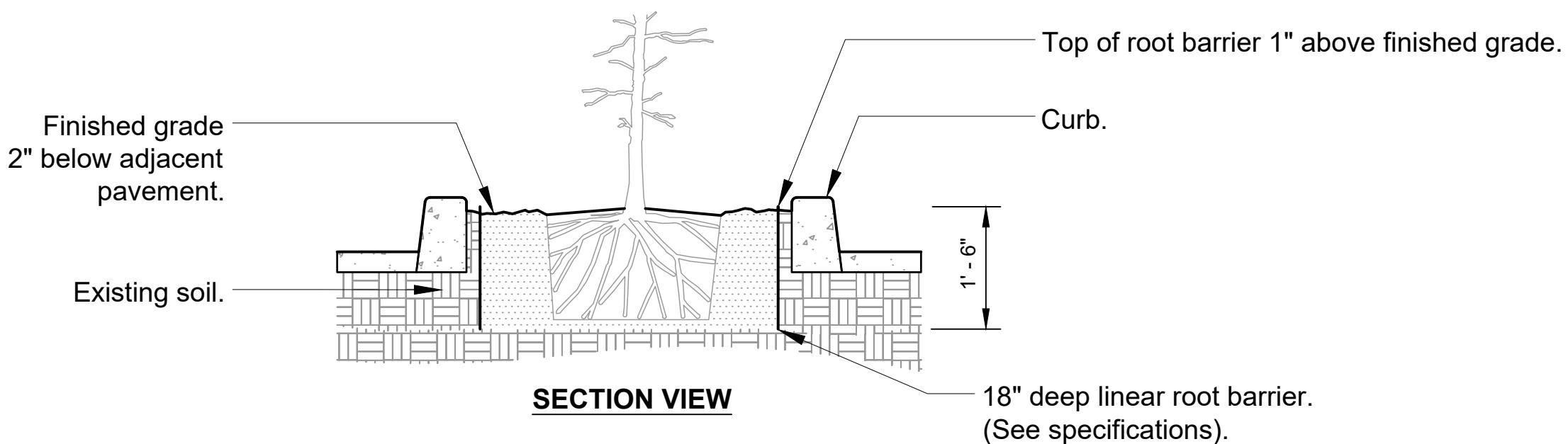
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L_tree planting_compacted soil



PLAN VIEW

PLAN VIEW



SECTION VIEW

Notes:
 1- Root barriers shall be installed per manufacturer's specifications and recommendations.

2- Root barriers shall be installed when root ball is located within 6' of pavement.

ROOT BARRIERS - PARKING LOT ISLANDS

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