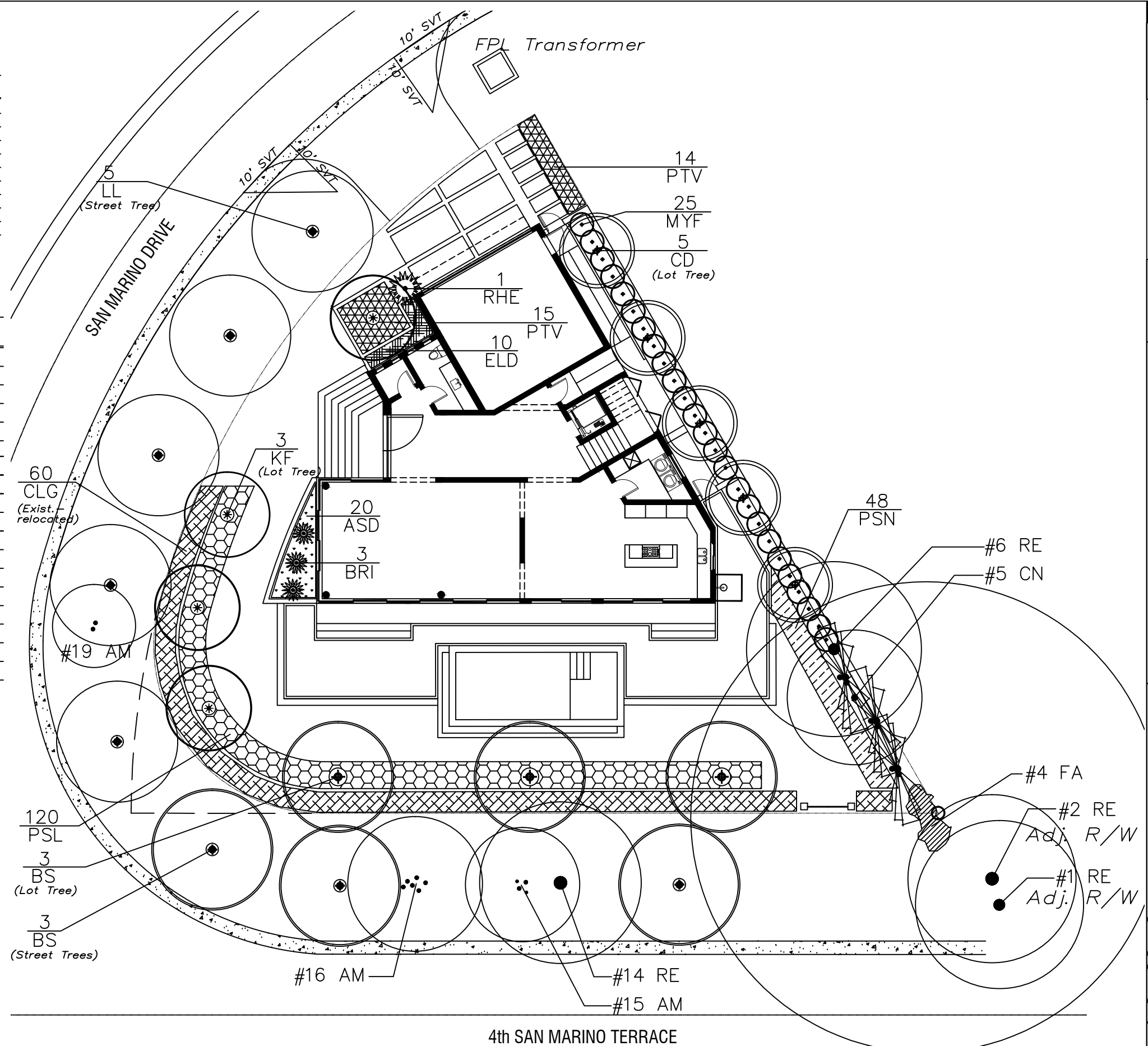


Tree Survey List-Exist. to remain									
Num	Botanical / Common Name		Disposition	Description			Condition	Notes	
				HT	SPR	DBH			
#1 RE	Roystonia elata / Royal Palm	In R/W	Remain	70'	25'	18"	Good	In R/W of adjacent property	
#2 RE	Roystonia elata / Royal Palm	In R/W	Remain	60'	25'	20.5"	Good	In R/W of adjacent property	
#4 FA	Ficus aurea / Strangler Fig		Remain	50'	70'	10"	Good		
#5 CN	Cocos nucifera / Coconut Palm		Remain	34'	20'	9.5"	Good		
#6 RE	Roystonia elata / Royal Palm		Remain	55'	26'	19"	Good		
#14 RE	Roystonia elata / Royal Palm	In R/W	Remain	38'	23'	20.5"	Good		
#15 AM	Adonia merrillii / Christmas Palm (4)	In R/W	Remain	24'-30'	18'	2 @ 5-5"	Good	(2) Christmas Palms &	
#16 AM	Adonia merrillii / Christmas Palm (6)	In R/W	Remain	26'	20'	2 @ 3.5-6"	Good	(2) Alexander Palms	
#19 AM	Adonia merrillii / Christmas Palm (2)	In R/W	Remain	22'	16'	2 @ 5-6"	Good		

Plant List					Native
Qty	Key	Botanical / Common Name	Description		Yes / No
5	LL	Lysiloma latisiliqua / Wild Tamarind	Street Trees	14' oa ht, 7' spr, 3" cal, 4' ct.	Yes
3	BS	Bursera simaruba / Gumbo Limbo	Street Trees	14' oa ht, 7' spr, 3" cal, 4' ct.	Yes
5	CD	Coccoloba diversifolia / Pigeon Plum		12' oa ht, 6' spr, 2" cal.	Yes
3	BS	Bursera simaruba / Gumbo Limbo		12' oa ht, 6' spr, 2" cal.	Yes
4	KF	Krugiodendron ferreum / Black Ironwood		12' oa ht, 6' spr, 2" cal.	Yes
(12) Req'd Trees Prov'd					
60	CLG	Clusia guttifera / Small leaf Clusia		6' ht, 3' spr, exist. (relocated)	No
10	ELD	Elaeocarpus decipiens / Japanese Blueberry		36" ht, 24" spr, 7 gal, full	No
29	PTV	Pittosporum tobia var. / Variegated Pittosporum		18" ht, 18" spr, 3 gal, full	Yes
48	PSN	Psychotria nervosa / Wild Coffee		18" ht, 18" spr, 3 gal, full	No
120	PSL	Psychotria ligustrifolia / Dwarf Coffee		18" ht, 18" spr, 3 gal, full	Yes
(267) Req'd Shrubs					
25	MYF	Myrcianthes fragrans / Simpson Stopper		6' ht, 4' spr.	Yes
(25) Req'd Tall Shrubs/Small Trees, 100% Native					
1	RHE	Rhaphis excelsa / Lady Palm		16'-18" oa ht, 8' spr, 5 trunks	No
20	ASD	Asparagus densiflorus "Myers" / Foxtail Fern		18" ht, 18" spr, 3 gal.	No
3	BRI	Bromeliad imperialis / Imperialis		24" ht, 24" spr, 15 gal.	No



LA-01drawing no.

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Landscape Planproject no.08.03.18

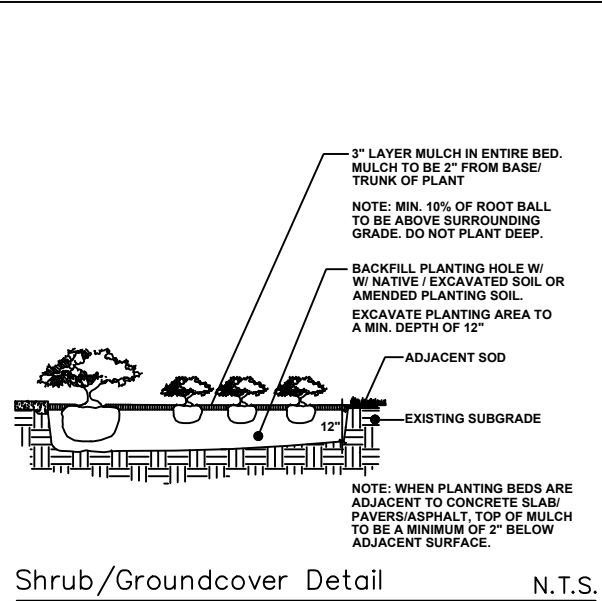
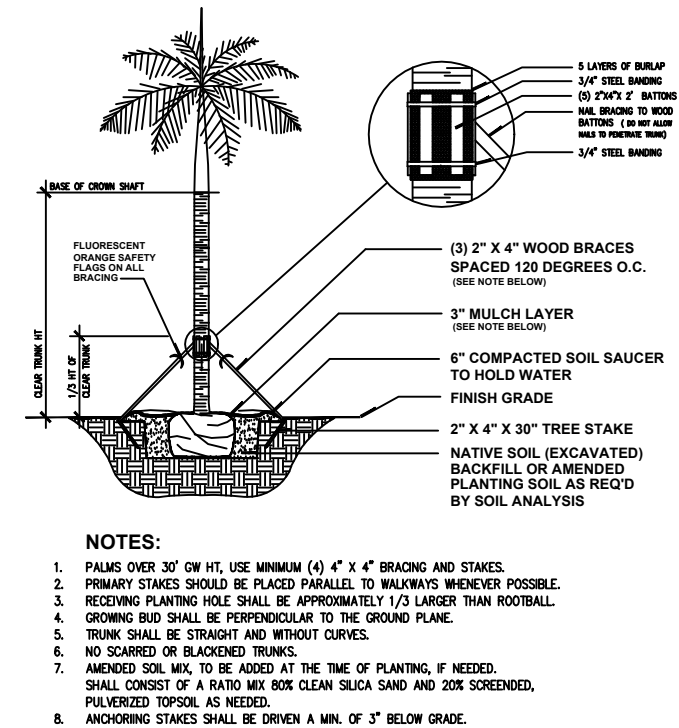
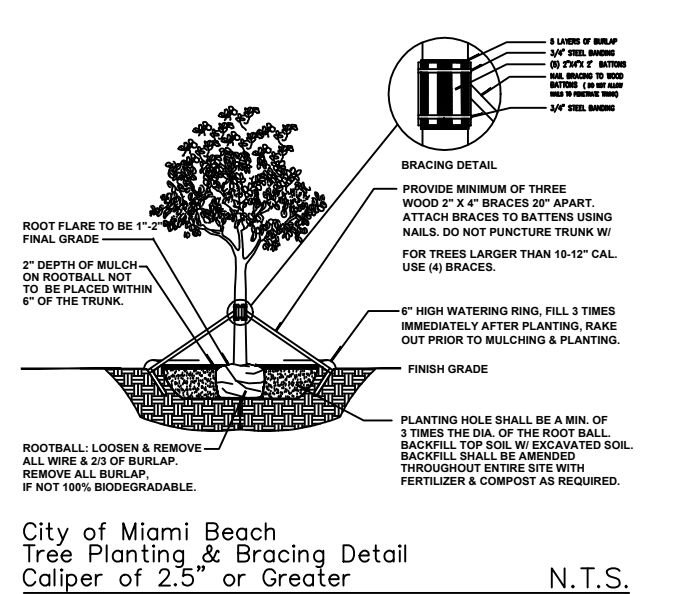
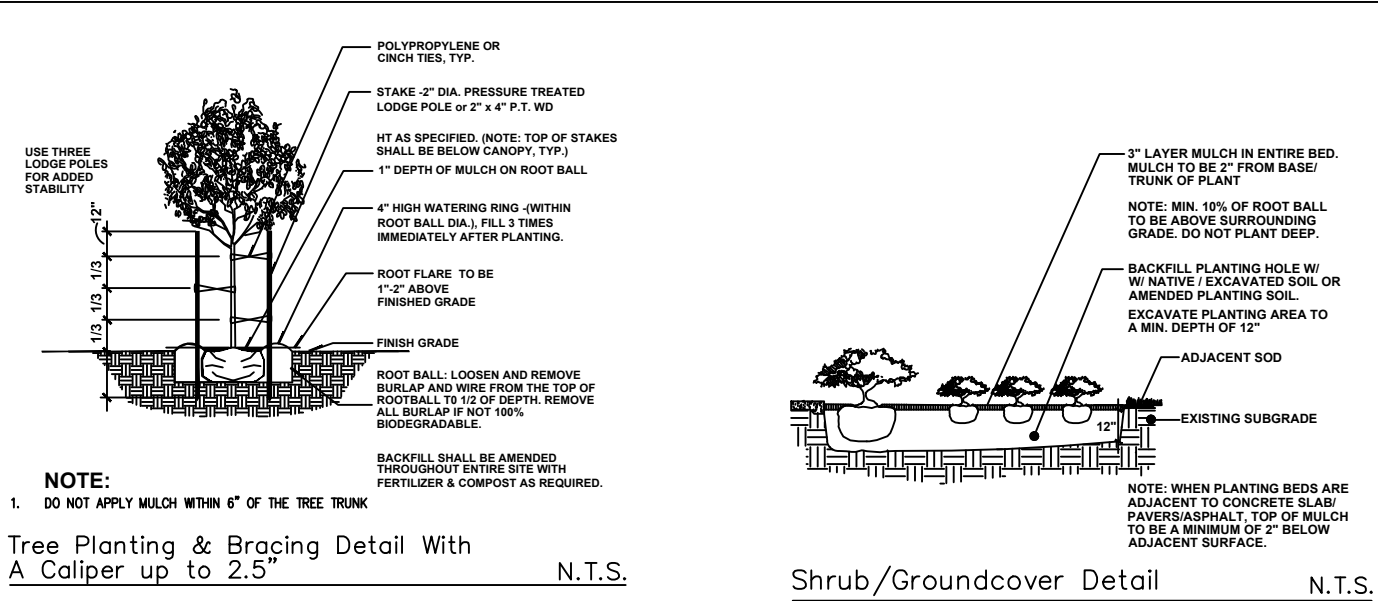
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LA 01 Landscape Plan
LA 02 Landscape Notes,
Details & Legend
LA 03 Tree Survey /
Disposition Plan
LA 04 Grading /
Contour Plan



LANDSCAPE ARCHITECT'S PLANT / PLANTING NOTES

- ALL PLANT MATERIAL TO BE FLORIDA GRADE NO. 1 (FG #1) OR BETTER FLORIDA DEPARTMENT OF AGRICULTURE GRADES AND STANDARDS; PARTS I AND II, 5th EDITION: 2015, RESPECTIVELY.
- TWO MEETINGS, PRE-INSTALLATION & SUBSTANTIAL COMPLETION, SHALL BE REQ'D DURING INSTALLATION/CONSTRUCTION PROCESS. PRE-INSTALLATION MEETING SHALL BE SCHEDULED W/ LANDSCAPE ARCHITECT, TWO WEEKS PRIOR TO INSTALLATION.
- A MUNICIPALLY APPROVED LANDSCAPE PLAN IS A LEGAL & BINDING DOCUMENT. NO CHANGES SHALL BE MADE WITHOUT PRIOR NOTIFICATION & SUBSEQUENT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT & GOVERNING MUNICIPLAITY. (IF REQ'D)
- LANDSCAPE PLAN SHALL BE INSTALLED IN COMPLIANCE WITH ALL LOCAL/ PERTINENT CODES.
- LANDSCAPE CONTRACTOR SHALL REVIEW ALL DRAWINGS AND PREPARE ONES OWN QUANTITY COUNTS (PRIOR TO BID COST AND COMPARE TO ARCHITECT'S PLANT LIST). LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ATTAINING ACCURATE COUNT OF PLANT MATERIALS SPECIFIED. IN THE EVENT OF DISCREPANCIES, LANDSCAPE CONTRACTOR SHALL BRING TO THE ATTENTION OF LANDSCAPE ARCHITECT. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF THE LANDSCAPE PLAN. LANDSCAPE PLAN SHALL TAKE PRECEDENCE OVER PLANT LIST.
- LANDSCAPE CONTRACTOR SHALL LOCATE AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO DIGGING, SUNSHINE STATE ONE CALL OF FLORIDA (800) 432-4770.
- ALL TREES TO BE STAKED IN A GOOD WORKMANLIKE MANNER, NO NAIL STAKING IN TRUNKS PERMITTED. ALL GUYING & STAKING TO BE REMOVED WITHIN 12 MONTHS AFTER PLANTING.
- ALL PLANTING BEDS TO BE WEED AND GRASS FREE. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED.
- ALL INVASIVE EXOTIC PLANTS (CAT.1) TO BE REMOVED FROM SITE, PRIOR TO LANDSCAPE ARCHITECTS' FINAL INSPECTION. REFER TO FLORIDA EXOTIC PEST PLANT COUNCIL (FLEPPC) 2015 LIST OF EXOTIC PLANT SPECIES, CAT#1, ONLY.
- ALL SOD SHALL BE ST. AUGUSTINE 'FLORATAM' SOLID SOD, (UNLESS OTHERWISE NOTED) AND LAID WITH ALTERNATING AND ABUTTING JOINTS. SOD SHALL BE LAID OVER A 2" LAYER OF TOPSOIL. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT, PRIOR TO INSTALLATION.
- MULCH SHALL BE SHREDDED PINE, EUCALYPTUS OR FLORIMULCH (100% MELALEUCA) APPLIED AT A MIN. DEPTH OF 3" OVER PLANTING BEDS. MULCH SHALL NOT APPLIED OVER ANNUAL PLANTING BEDS. MULCH SHALL NOT BE PLACED WITHIN 6" OF TREE & PALM TRUNKS. TOP OF MULCH SHALL NOT EXCEED HEIGHT OF ADJACENT PAVED SURFACES.
- THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL NEW TREES AND PALMS FOR A PERIOD OF 1-YEAR FROM THE DATE OF INITIAL ACCEPTANCE.
- ALL GUYING & STAKING SHALL BE REMOVED FROM ALL TREES AND PALMS WITHIN TWELVE MONTHS AFTER PLANTING. EXCEPTIONS REQUIRE WRITTEN AUTHORIZATION FROM THE CITY URBAN FORESTER.

City of Miami Beach Note:

Required Street Trees are subject to the review and approval of the C.I.P. office and P/W Greenspace Division prior to installation.

Plant List					
Qty	Key	Botanical / Common Name		Description	Native Yes / No
5	LL	Lysiloma latisdiliqua / Wild Tamarind	Street Trees	14' oa ht, 7' spr, 3" cal, 4' ct.	Yes
3	BS	Bursera simaruba / Gumbo Limbo	Street Trees	14' oa ht, 7' spr, 3" cal, 4' ct.	Yes
5	CD	Coccoloba diversifolia / Pigeon Plum		12' oa ht, 6' spr, 2" cal.	Yes
3	BS	Bursera simaruba / Gumbo Limbo		12' oa ht, 6' spr, 2" cal.	Yes
4	KF	Krugiodendron ferreum / Black Ironwood		12' oa ht, 6' spr, 2" cal.	Yes
(12) Req'd Trees Prov'd					
60	CLG	Clusia guttifera / Small leaf Clusia		6' ht, 3' spr, exist. (relocated)	No
10	ELD	Elaeocarpus decipiens / Japanese Blueberry		36" ht, 24" spr, 7 gal, full	No
29	PTV	Pittosporum tobia var. / Variegated Pittosporum		18" ht, 18" spr, 3 gal, full	Yes
48	PSN	Psychotria nervosa / Wild Coffee		18" ht, 18" spr, 3 gal, full	No
120	PSL	Psychotria ligustrifolia / Dwarf Coffee		18" ht, 18" spr, 3 gal, full	Yes
(267) Req'd Shrubs					
25	MYF	Myrcianthes fragrans / Simpson Stopper		6' ht, 4' spr.	Yes
(25) Req'd Tall Shrubs/Small Trees, 100% Native					
1	RHE	Rhaphis excelsa / Lady Palm		16'–18' oa ht, 8' spr, 5 trunks	No
20	ASD	Asparagus densiflorus "Myers" / Foxtail Fern		18" ht, 18" spr, 3 gal.	No
3	BRI	Bromeliad imperialis / Imperialis		24" ht, 24" spr, 15 gal.	No

City of Miami Beach, Florida LANDSCAPE LEGEND Chapter 126– Landscape Ordinance			
Zoning District: <u>RS-4</u>		Net Lot Area: <u>.17</u> acres <u>7342.24</u> sf	
OPEN SPACE		REQUIRED	PROVIDED
Square Feet of open space required, as indicated on site plan:			
A. Net lot area= <u>7342.24</u> s.f. x <u>.30</u> %= <u>2202</u> sf		A. 2202	A. 2782 (37%)
Total square feet of landscaped open space required by Chapter 126 –Table A			
B. Maximum lawn area (sod) permitted= <u>.50</u> % x <u>2202</u> square feet=		B. 1101 sf	B. 1100 sf
C. No. of trees required per net lot acre: <u>RS-4 = 5 Trees (2 front, 3 rear)</u> + 1 tree per 1000 sf > 6000 sf. (0) exist. to remain		C. 5 +3 =8	C. 12 prov'd
D. Less existing number of trees meeting minimum requirements: 30% Natives trees required= the number of trees required x 30% = 50% (min.) shall be low maintenance or drought & salt tolerant species. Diversity: 1-5 req'd= 2 16-20 req'd= 5 Species Req'd 6-10 req'd= 3 21-30 req'd= 6 11-15 req'd= 4 30+ req'd= 7		D. 0 Exist. 3 (2.4) 4 8=3 Species	D. 0 Exist. 8 8 3 Species
Palms may be planted in addition. Shall not count as req'd trees.			
E. Street trees (max. avg. spacing @ 20' o.c.): <u>246</u> linear feet along street / 20' = <u>12.3</u>		E. 13 (12.3) 1 Ex. #4FA	E. 9 (8 +1 Exist.)
Palms may be planted in addition to req'd street trees. Do not count as req'd.			
F. Street trees located directly beneath power lines (max. avg. spacing @ 20' o.c.): <u>106</u> linear feet along street / 20' = <u>5.30</u>		F. N/A	F. N/A
G. Total number of trees provided C+D/E=		G. 21 Req'd	G. 21 Prov'd
H. Total number of trees req'd (C+D/E) x 12 = the number of shrubs req'd (18-24" ht) The number of shrubs required x 50% = the number of native shrubs req'd (One species cannot exceed 50% of the req'd total.) Shrubs shall be planted to screen equip. at a ht.= to the equip.		H. 252 126	H. 267 Prov'd 174 Prov'd
I. Large shrubs or small trees shall be planted at 10% of the req'd shrub total. & shall be in addition to the shrub total. 50% min. native req'd. Vines shall be a min. of 30" ht. One-to-one basis as a req'd shrub. Groundcovers and grasses shall be planted with a min. of 75% coverage.		I. 25/13	I. 25/25 Prov'd

LA - 01 Landscape Plan
LA - 02 Landscape Notes, Details & Legend
LA -03 Tree Survey / Disposition Plan
LA - 04 Grading / Contour Plan

LA-02drawing no.

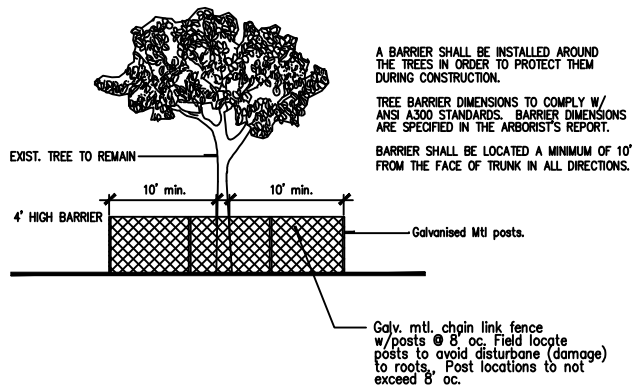
Notes, Details & Legendproject no.08.03.18

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CITY OF MIAMI BEACH
TREE PROTECTION BARRIER DETAIL

N.T.S.

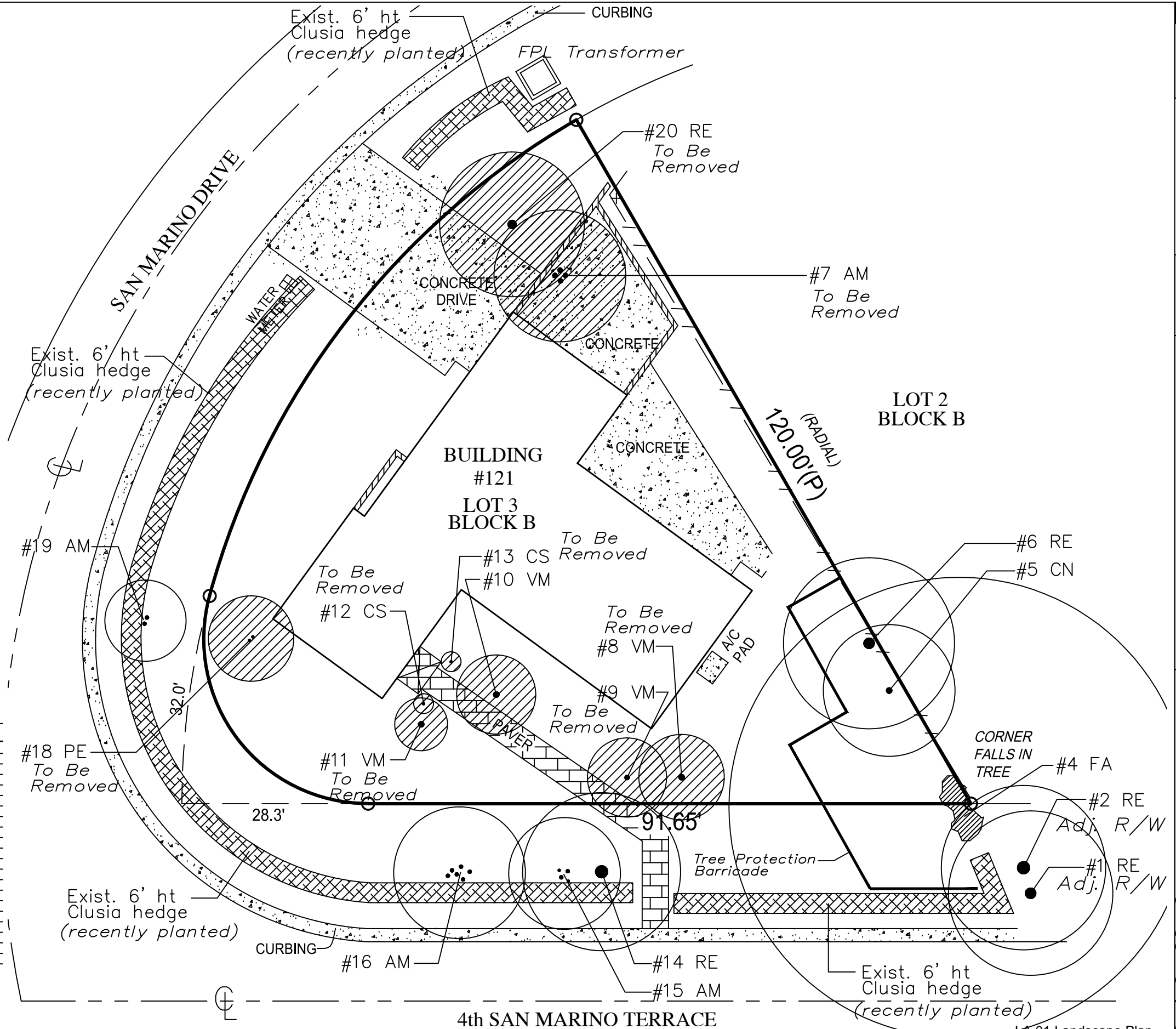
CITY OF MIAMI BEACH
TREE PROTECTION NOTES

- Understory plants within areas surrounded by protective barriers shall be protected.
- No oil, fill, equipment, building materials, building debris, or any other material shall be placed within the area surrounded by the protective barrier.
- No disposal of any waste material such as paints, oils, solvents, asphalt, concrete, mortar, or any other material shall occur within the areas surrounded by protective barriers.
- Natural grade shall be maintained on areas surrounded by the protective barriers. In the event that the natural grade of the site is changed as a result of site development such that the safety of the tree is endangered, tree wells or retaining walls are required.
- Only hand digging and grading activities will be permitted within the tree protection zone. All surrounding areas must be graded to a point that meets the outside of the tree protection zone.
- Underground utility lines, including, but not limited to, irrigation, plumbing, electrical, or telecommunication lines shall be placed outside the areas enclosed by protective barriers. If said placement is not possible, disturbance and root damage shall be minimized by using techniques such as tunneling, hand digging, excavations with an air spade, or use of overhead utility lines.
- No vehicles or equipment shall be permitted within areas surrounded by the protective barrier.
- Written permission is required from the Urban Forester & the Planning Department prior to removal of the Tree Protection Barrier, in order to complete the work, within the boundary. Work performed within the boundary is to be done by hand, (no machinery), and an on-site walk through may be required.

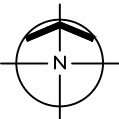
Tree Survey List									
Num	Botanical / Common Name	Disposition	Description			Condition	Notes		
			HT	DBH	DBH				
#1 RE	Roystones elata / Royal Palm	In R/W	Remain	70'	25'	18"	Good	In R/W of adjacent property	
#2 RE	Roystones elata / Royal Palm	In R/W	Remain	60'	25'	20.5"	Good	In R/W of adjacent property	
#3	Not Found in July 2018.								
#4 FA	Ficus aurea / Strangler Fig		Remain	50'	70'	10"	Good		
#5 CN	Cocco nucifera / Coconut Palm		Remain	34'	20'	9.5"	Good		
#6 RE	Roystones elata / Royal Palm		Remain	55'	26'	19"	Good		
#7 AM	Adonidia merillii / Christmas Palm (4)		---Remove---	20'	20'	4 @ 5-6.5"	Good		
#8 VM	Vactilia montgomeryana / Vactilia Palm		---Remove---	25'	12'	9"	Good		
#9 VM	Vactilia montgomeryana / Vactilia Palm		---Remove---	25'	11'	7.5"	Good		
#10 VM	Vactilia montgomeryana / Vactilia Palm		---Remove---	36'	13'	10"	Good		
#11 VM	Vactilia montgomeryana / Vactilia Palm		---Remove---	28'	7'	9.5"	Moderate	Stunted canopy growth, nutrient deficient	
#12 CS	Cupressus sempervirens / Italian Cypress		---Remove---	21'	3'	3"	Good		
#13 CS	Cupressus sempervirens / Italian Cypress		---Remove---	21'	3'	3"	Good		
#14 RE	Roystones elata / Royal Palm	In R/W	Remain	38'	23'	20.5"	Good		
#15 AM	Adonidia merillii / Christmas Palm (4)	In R/W	Remain	24'	18'	2 @ 5"	Good	(2) Christmas Palms & (2) Alexander Palms	
#16 AM	Adonidia merillii / Christmas Palm (6)	In R/W	Remain	26'	20'	6 @ 5-6"	Good		
#17	Not Found in July 2018.								
#18 PE	Pythocarpus elegans / Alexander Palm		---Remove---	28'	15'	2 @ 3.5"	Moderate		
#19 AM	Adonidia merillii / Christmas Palm (2)	In R/W	Remain	22'	15'	2 @ 5-6"	Good		
#20	Roystones elata / Royal Palm		---Remove---	30'	22'	14.5"	Moderate	Leaning, growing from within stump.	

Note:
Trees #3 & #17 were not found by LA during site visit on 07.12.18

- Indicates existing tree / palm to remain.
- ◐ Indicates existing tree/palm to be removed.



Tree Survey / Disposition Plan
1" = 16'-0"



- LA 01 Landscape Plan
LA 02 Landscape Notes, Details & Legend
LA 03 Tree Survey / Disposition Plan
LA 04 Grading / Contour Plan

LA-03
drawing no.

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Tree Survey/
Disposition Plan
project no.
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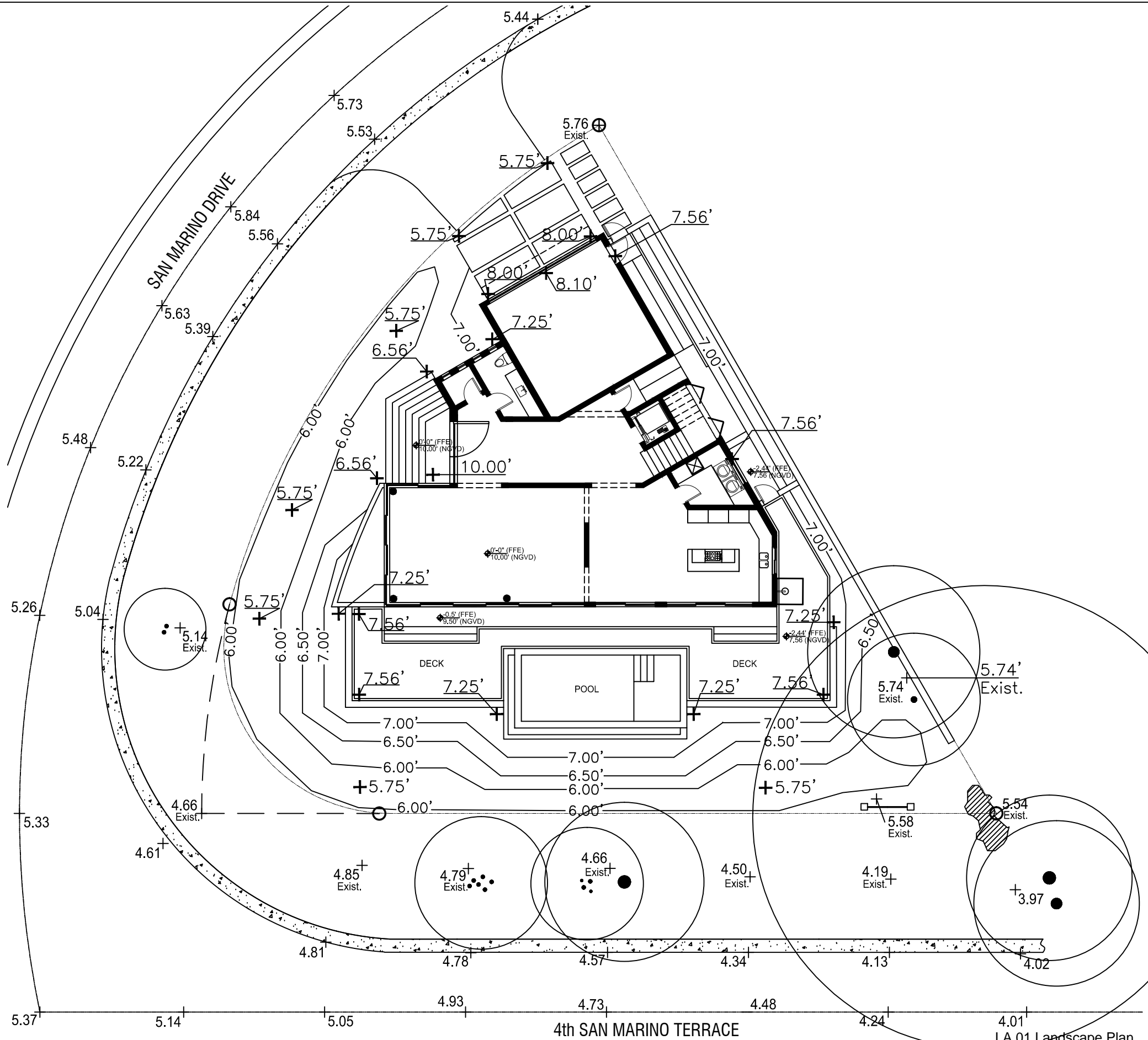
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Grading Notes:

- 1.) Contactor to grade property as shown. All rainwater to be held on property. No discharge to adjacent residences or street.
- 2.) Front yard areas to be sloped away from the residence & away from the Property Line.
- 3.) Elev. (Exist.) are from the Boundary Survey provided.
- 4.) There is no proposed grading within the root zone of the existing Ficus aurea (#4.) to remain.



Tree Survey / Disposition Plan
1"= 16'-0"

- LA 01 Landscape Plan
- LA 02 Landscape Notes, Details & Legend
- LA 03 Tree Survey / Disposition Plan
- LA 04 Grading / Contour Plan

LA-04

drawing no.

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Grading /
Contour Plan

project no.

08.03.18

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