

MATERIAL LEGEND:

PAVING TYPE	MATERIAL	DIMENSION	FINISH	COLOR	NOTES
PT 1	GRANITE COBBLESTONE	4" x 4" X4"		GREY	SET ON SAND
PT 2	LIMESTONE	24" x 36"x 1-1/2" THICK		GREY	SET ON SAND STEPPING STONES
PT 3	LIMESTONE	12" x24"x 1-1/2" THICK		GREY	SET ON SAND BORDER
PT 4	LIMESTONE	7'-2" x2'-4"x 1-1/2" THICK 2'-5" x1'-6"x 1-1/2" THICK		GREY	SET ON SAND POOL DECK PATTERN
PT 5	LIMESTONE	12" x48"x 1-1/2" THICK		GREY	SET ON CONCRETE SLAB WALKWAYS

Prepared By:

FERNANDO WONG  
OUTDOOR LIVING DESIGN  
1500 BAY ROAD, SUITE #766 MIAMI BEACH, FL 33139  
LIC. NO. LC26000466 PH: 305.694.0003

Drawing Title:  
MANGANARO RESIDENCE

2179 Meridian Ave  
Miami Beach, Florida 33139

Prepared For: Design Review Board

Revisions

1. DRB Comments 2016.04.13

Project Name:  
Manganaro  
Residence  
Drawing Status:

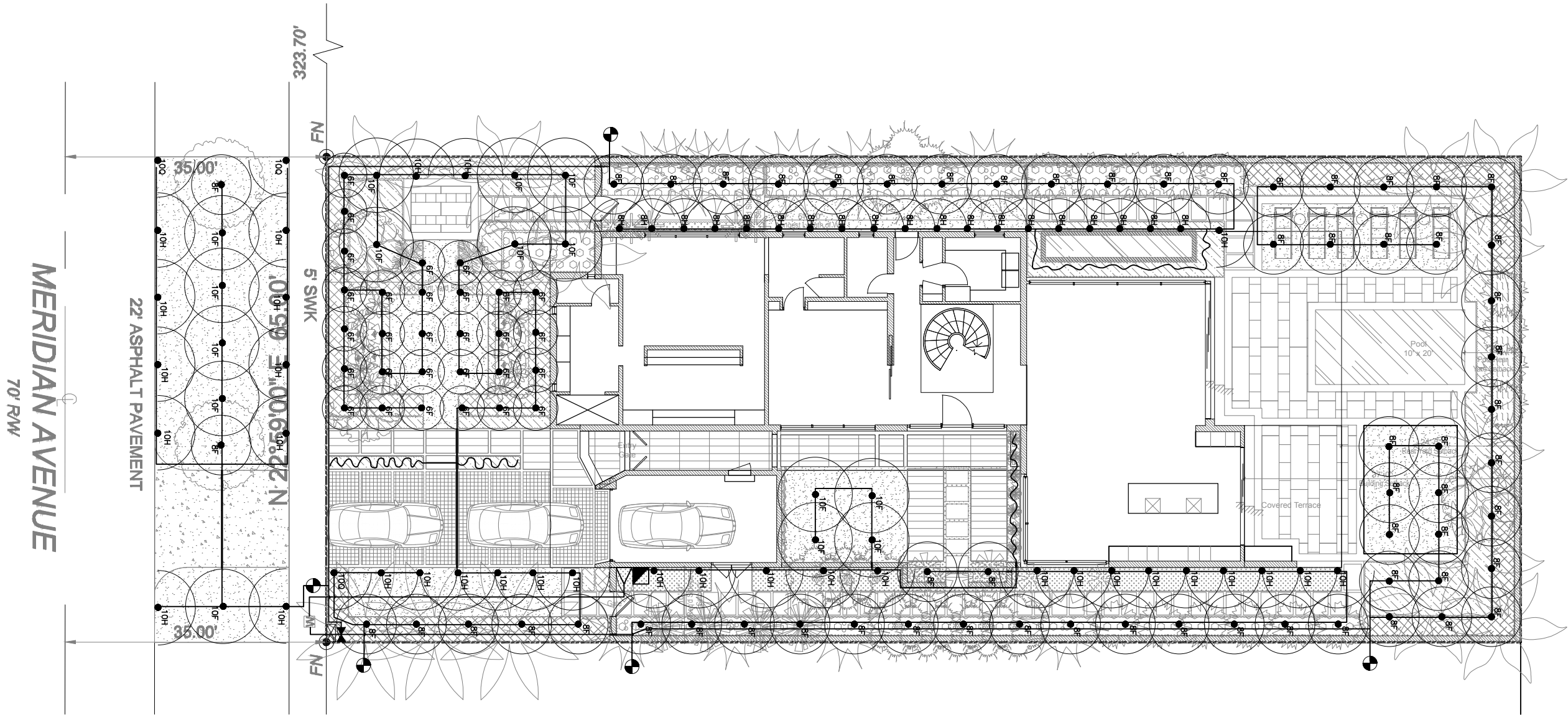
HARDSCAPE PLAN








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



Sheet No.

H-1



LEGEND		
SYMBOL	QUAN.	DESCRIPTION
	1	2" IRRIGATION METER
	1	2" RPZ BACKFLOW PREVENTER
	1	RAIN BIRD ESP CONTROLLER
	1	RAIN BIRD RAIN SENSOR
	5	RAIN BIRD 2" PEB ELECTRIC SOLENOID VALVE
	29	RAIN BIRD MODEL 1800 SERIES SPRAY HEADS 6F
	19	RAIN BIRD MODEL 1800 SERIES SPRAY HEADS 8H

LEGEND		
SYMBOL	QUAN.	DESCRIPTION
	62	RAIN BIRD MODEL 1800 SERIES SPRAY HEADS 8F
	3	RAIN BIRD MODEL 1800 SERIES SPRAY HEADS 10Q
	33	RAIN BIRD MODEL 1800 SERIES SPRAY HEADS 10H
	15	RAIN BIRD MODEL 1800 SERIES SPRAY HEADS 10F
	92'2"	NETAFIM
	1	PRESSURE VACCUM BREAKER
	71'4"	SCH PVC SLEEVES TO BE DOUBLE IN SIZE OF IRRIGATION LATERAL



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IRRIGATION PLAN

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Sheet No. **IR-1**





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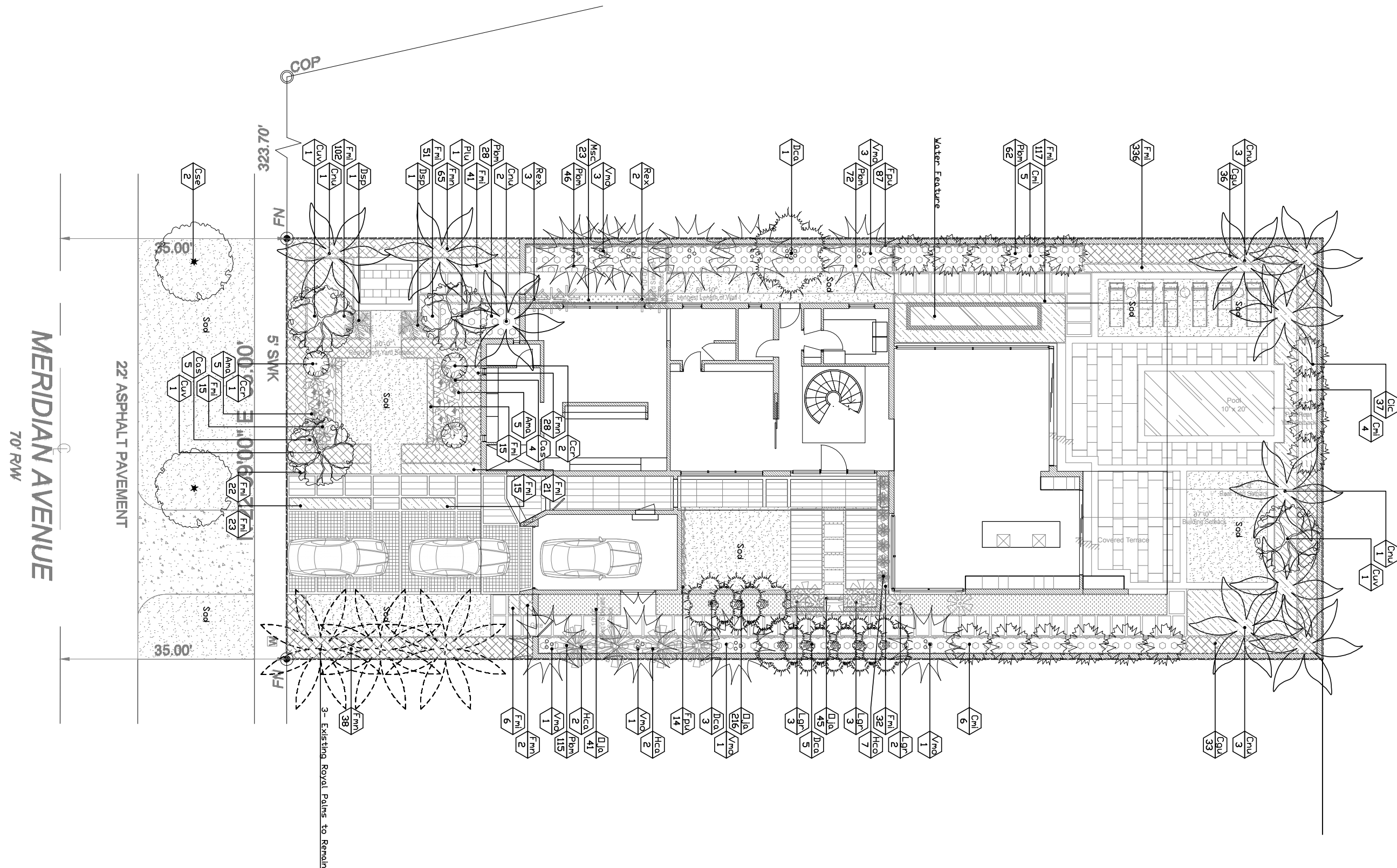
**Drawing Title:**

1. DRB Comments 2016.04.13

LANDSCAPE PLAN

NORTH

# L-1



LANDSCAPE LIST

TREES & PALMS			
SYMBOL	QUAN.	PROPOSED MATERIAL	DESCRIPTION
Ccr	3	Coccothrinax crinita	4' O.A. PLANTED HT.
		OLD MAN PALM	15 GAL.
Cmi	15	Caryota mitis	25' O.A. PLANTED HT. CLUSTER
		CLUSTERING FISHTAIL PALM	F.G.
Cnu	10	Cocos nucifera 'Green Malayan'	20' CT.
		COCONUT PALM	F.G.
Cse	2	*Cordia sebestena	12' O.A. PLANTED HT. STD.
		ORANGE GEIGER	25 GAL.
Cuv	3	*Coccoloba uvifera	14' O.A. PLANTED HT. STD.
		SEA GRAPE	F.G.
Dca	9	Dypsis cabadae	16' O.A. PLANTED HT. MULT. CANES
		CABADA PALM	F.G.
Lgr	8	Licuala gradis	4' PLANTED HEIGHT
		LICUALA PALM	15 GAL.
Plu	1	Plumeria	10' X 10'
		FRANGIPANY TREE	F.G.
Vmo	10	Veitchia montgomeryana	16' C.T. 24' O.A. PLANTED HT. TRIPLE
		MONTGOMERY PALM	F.G.

HEDGES			
SYMBOL	QUAN.	PROPOSED MATERIAL	DESCRIPTION
Cic	37	*Chrysobalanus icaco	24" O.C.
		GREEN COCOPLUM	3 GAL.
Cgu	69	Clusia guttifera	10' O.A. PLANTED HT. BUSH
		SMALL LEAF CLUSIA	25 GAL.
Fmi	796	Ficus microcarpa	12" O.C.
		GREEN ISLAND FICUS	3 GAL.
Fmn	103	Ficus microcarpa 'Nitida'	4' O.A. PLANTED HT. 24" O.C.
		INDIAN CUBAN LAUREL	7 GAL.

SHRUBS AND GROUNDCOVERS			
SYMBOL	QUAN.	PROPOSED MATERIAL	DESCRIPTION
Ama	10	Alocasia macrorrhiza	36" O.C.
		GIANT ALOCASIA	7 GAL.
Cas	9	Crinum asiaticum	5' x 5' SINGLE
		CRINUM LILY	30 GAL.
Dsp	2	Dioon spinulosum	36" X 36"
		GIANT DIOON	15 GAL.
Hca	4	Heliconia caribaea x bihai 'Jacquinii'	5' - 7' PLANTED HT.
		HELICONIA BIHAI	15 GAL.
Hco	7	Hedychium coronarium	24" O.C.
		WHITE BUTTERFLY GINGER	3 GAL.
Msc	23	Microsorium scolopendria	18" O.C.
		WART FERN	3 GAL.
Oja	302	Ophiopogon japonicus	12" O.C.
		REGULAR MONDO GRASS	1 GAL.
Pbm	323	Philodendron 'Burle Marx'	18" O.C.
		SAME	3 GAL.
Rex	5	Rhapis excelsa	24" O.C.
		LADY PALM	7 GAL.

VINES			
SYMBOL	QUAN.	PROPOSED MATERIAL	DESCRIPTION
Fpu	101	Ficus pumila	GREEN LEAVES
		CREEPING FIG	1 GAL.

SOD		
NAME	SQ. FT	PROPOSED MATERIAL
SOD	1,244	Synthetic Sod

\* DENOTES NATIVE SPECIES

LANDSCAPE LEGEND Information Required to be Permanently Affixed to Plan  
Following Miami Dade Landscape Code

Zoning District: RS-3 (Single Family Residential)

Net Lot Area 0.24 acres 10,400 s.f.

PERVIOUS AREA

REQUIRED      PROVIDED

Square Feet of pervious space required, as indicated on site plan:  
Net lot area = 10,400 s.f. x 25 % = 2,500 s.f.

2,600

4,556

TREES

A. No. trees required per s.f.  
Less existing number of trees meeting minimum requirements  
3 trees for Lots of 7,500 s.f. or less AND  
1 trees for each additional 2,500 s.f. or fraction thereof  
2 Street trees. 1 Tree per 35 Linear Feet

5

22

2

2

2

5

70

1,791

21

37

B. % Natives Required: No. trees provided x 30% =

SHRUBS

A. No. trees required x 10 = No. of shrubs allowed  
B. No. shrubs allowed x 30% = No. of native shrubs required

21

37

SEE LANDSCAPE LIST

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MANGANARO RESIDENCE

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Prepared For: Design Review Board

Drawing Title:

Revisions

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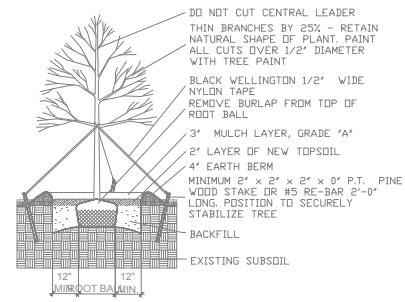
Project Name:  
Manganaro  
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LANDSCAPE LIST  
& LEGEND

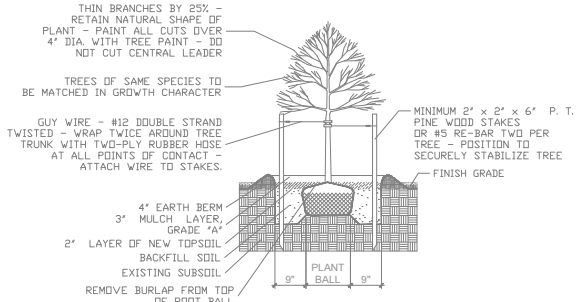
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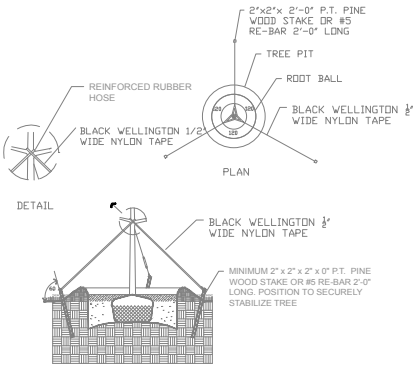
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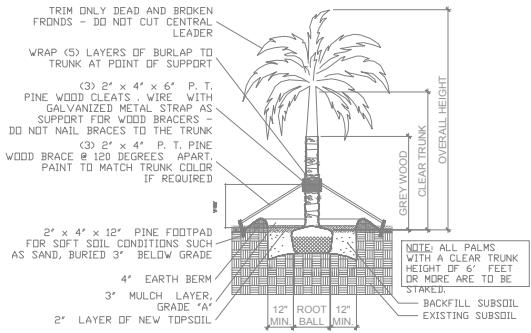
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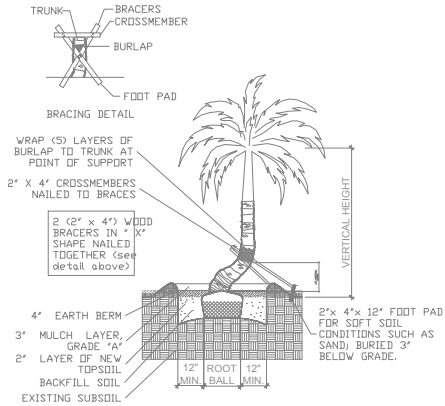
SMALL TREE PLANTING DETAIL



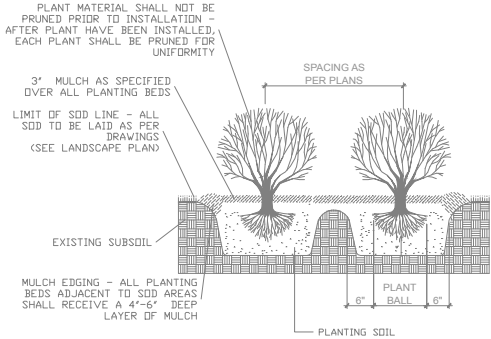
TYPICAL TREE GUYING DETAIL



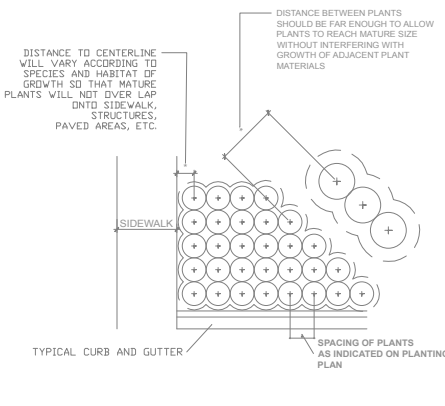
STRAIGHT TRUNK PALM PLANTING DETAIL



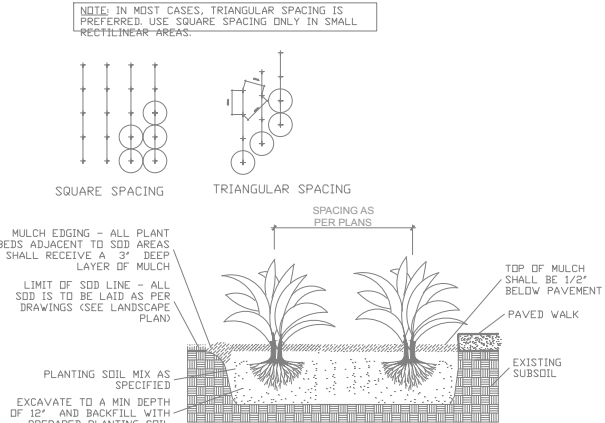
CURVED TRUNK PALM PLANTING DETAIL



TYPICAL SHRUB PLANTING DETAIL



TYPICAL CONTAINER SPACING DETAIL



TYPICAL GROUNDCOVER PLANTING DETAIL

PLANTING NOTES: (See plant specification and details for additional standards)

-All plant material is to be Florida Number 1 or better pursuant to the Florida Department of Agriculture's Grades and Standards for Nursery Plants.

-All plants are to be top dressed with a minimum 3" layer of Melaleuca mulch, Eucalyptus mulch or equal.

-Planting plans shall take precedence over plant list in case of discrepancies.

-No changes are to be made without the prior consent of the Landscape Architect and Owner. Additions and or deletions to the plant material must be approved by the project engineer.

-Landscape Contractor is responsible for providing their own square footage takeoffs and field verification for 100% sod coverage for all areas specified.

-All landscape areas are to be provided with automatic sprinkler system which provide 100% coverage, and 50% overlap.

-All trees in lawn areas are to receive a 24" diameter mulched saucer at the base of the trunk.

-No mulch, fill or soil will be placed over the rootballs or within 4" of the trunks of the newly installed trees, and the trees will be installed at or slightly above the soil grade.

-All straps, poles and braces shall be removed from all of the installed trees and palms within the 1-year of planting.

-No changes are to be made without the prior consent of the Landscape Architect, owner, City Urban Forester and City Planning Department. Additions and or deletions to the plant material must be approved per the Project Engineer, City Urban Forester and City Planning Department.

-Trees are to be planted within parking islands after soil is brought up to grade. Deeply set root balls are not acceptable.

-Planting soil for topsoil and backfill shall be 50/50 mix, nematode free. Planting soil for annual beds to be comprised of 50% Canadian peat moss, 25% salt free coarse sand and 25% Aerolite.

-Tree and shrub pits will be supplemented with "Agriform Pells", 21 gram size with a 20-10-5 analysis, or substitute application accepted by Landscape Architect. Deliver in manufacturer's standard containers showing weight, analysis and name of manufacturer.

-Tree protection fences shall be constructed prior to any construction activity including grubbing for all trees/palms to remain or be relocated. The fences should be of sturdy construction, 4x4 posts with wire mesh. Fences must be intact until the project is completed. They should not be removed or dropped for any reason without authorization from the city Urban Forester. No activity or disturbance should occur within the fenced areas, including vehicle use, storage of materials, dumping of liquids or materials, grade changes, grubbing and mechanical trenching for irrigation, electrical and lighting, etc.

GENERAL NOTES

-The Landscape Contractor is to locate and verify all underground and overhead utilities prior to beginning work. Contact proper utility companies and / or General Contractor prior to digging for field verification. The Owner and the Landscape Architect shall not be responsible for any damages to utility or irrigation lines (see Roadway Plans for more utility notes).

-Landscape Contractor is to verify all current drawings and check for discrepancies and bring to the attention of the Landscape Architect prior to commencing with the work.

-All unattended and unplanted tree pits are to be properly barricaded and flagged during installation.

-All planting plans are issued as directives for site layout. Any deviations, site changes, etcetera are to be brought to the attention of the Landscape Architect for clarification prior to installation.

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MANGANARO RESIDENCE

2179 Meridian Ave  
Miami Beach, Florida 33139

Prepared For: Design Review Board

Drawing Title:

Revisions

1. DRB Comments 2016.04.13

Project Name:  
Manganaro  
Residence  
Drawing Status:

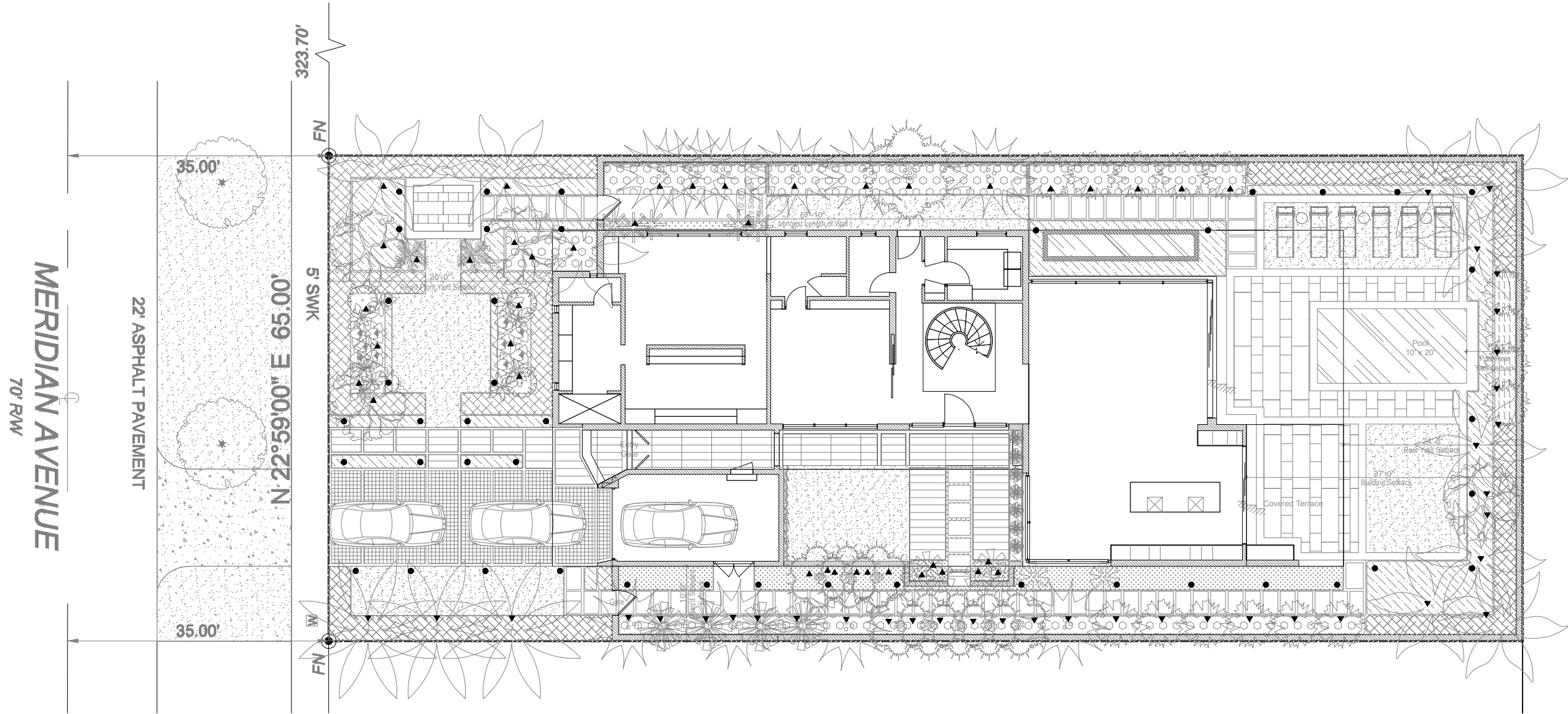
PLANTING  
DETAILS

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Sheet No.

L-3





SYMBOL	FIXTURE	TOTAL # OF FIXTURES	TYPE OF MOUNT	NOTES
▲	Brass Up Light. Dauer Lampen	78	Stake	
●	Brass Path Light. Dauer Lampen	43	Pole	



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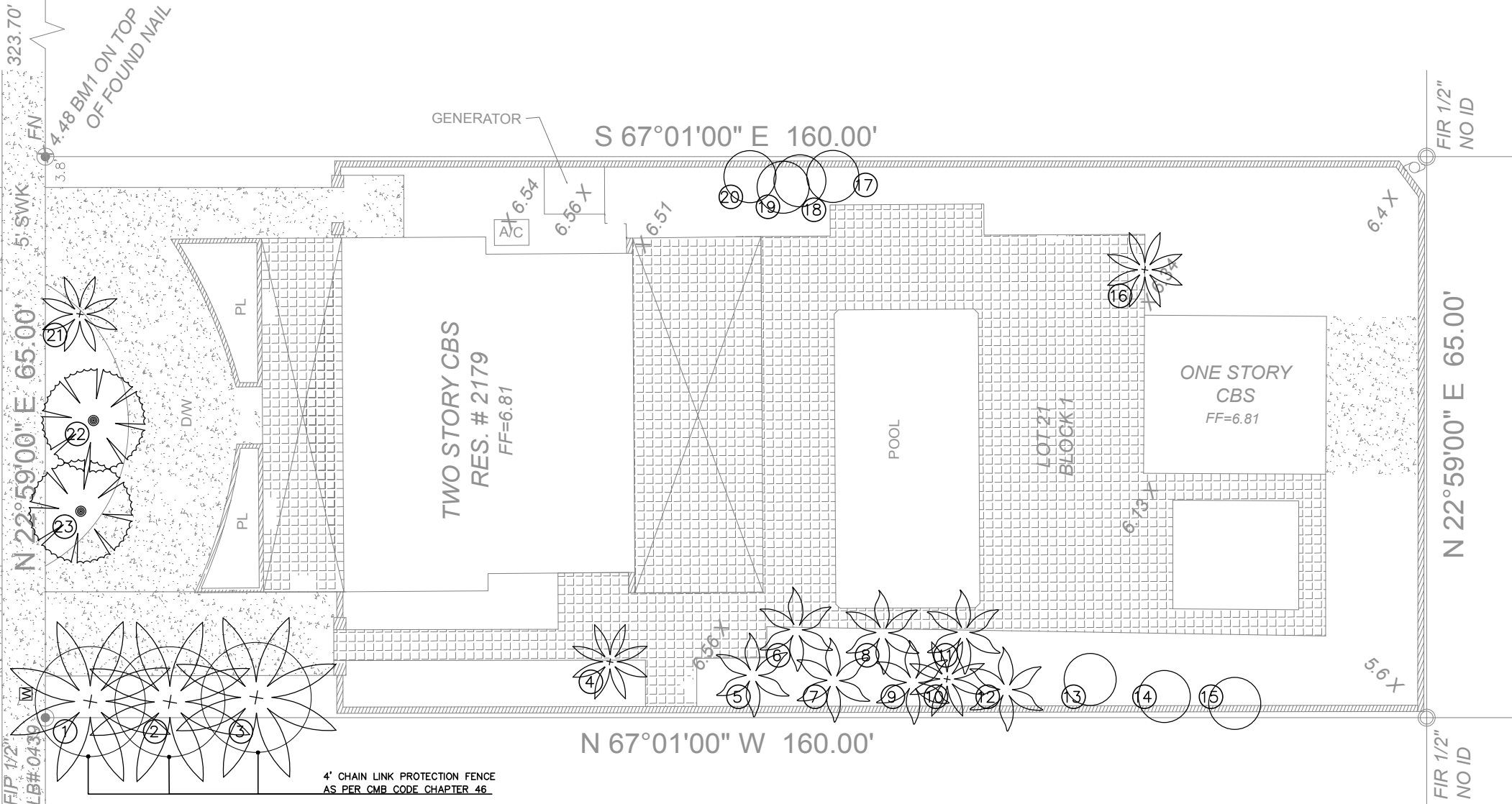
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LIGHTING PLAN  
Comm. No. \_\_\_\_\_  
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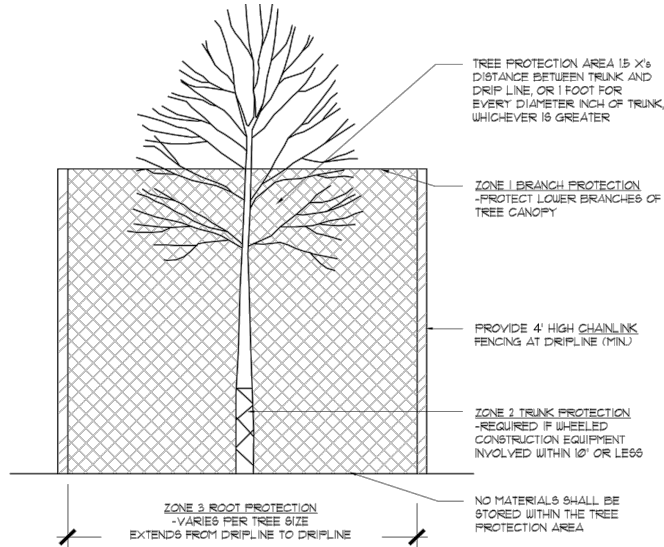
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4' CHAIN LINK PROTECTION FENCE  
AS PER CMB CODE CHAPTER 46

TREE DISPOSITION PLANT SCHEDULE							
No	COMMON NAME	SCIENTIFIC NAME	NATIVE/ NON NATIVE	DBH	HEIGHT	SPREAD	DISPOSITION
1	ROYAL PALM	Roystonea regia	NATIVE	24"	40'	12'	REMAIN
2	ROYAL PALM	Roystonea regia	NATIVE	24"	40'	12'	REMAIN
3	ROYAL PALM	Roystonea regia	NATIVE	24"	40'	12'	REMAIN
4	ALEXANDER PALM	Ptychosperma elegans	NON NATIVE	6"	15'	5'	REMOVE
5	COCONUT PALM	Cocos nucifera	NON NATIVE	12"	30'	15'	REMOVE
6	COCONUT PALM	Cocos nucifera	NON NATIVE	18"	35'	25'	REMOVE
7	COCONUT PALM	Cocos nucifera	NON NATIVE	18"	35'	25'	REMOVE
8	COCONUT PALM	Cocos nucifera	NON NATIVE	18"	35'	25'	REMOVE
9	COCONUT PALM	Cocos nucifera	NON NATIVE	18"	35'	25'	REMOVE
10	ROEBELENI PALM	Phoenix roebelenii	NON NATIVE	4"	6'	3'	REMOVE
11	COCONUT PALM	Cocos nucifera	NON NATIVE	18"	35'	25'	REMOVE
12	COCONUT PALM	Cocos nucifera	NON NATIVE	18"	35'	25'	REMOVE

TREE DISPOSITION PLANT SCHEDULE							
No	COMMON NAME	SCIENTIFIC NAME	NATIVE/ NON NATIVE	DBH	HEIGHT	SPREAD	DISPOSITION
13	ARECA PALM	Dypsis lutescens	NON NATIVE	36"	25'	15'	REMOVE
14	ARECA PALM	Dypsis lutescens	NON NATIVE	30"	25'	15'	REMOVE
15	ARECA PALM	Dypsis lutescens	NON NATIVE	30"	25'	15'	REMOVE
16	ROEBELENI PALM	Phoenix roebelenii	NON NATIVE	12"	15'	12'	REMOVE
17	TRAVELERS PALM	Ravenea madagascariensis	NON NATIVE	18"	35'	25'	REMOVE
18	TRAVELERS PALM	Ravenea madagascariensis	NON NATIVE	18"	35'	25'	REMOVE
19	TRAVELERS PALM	Ravenea madagascariensis	NON NATIVE	18"	35'	25'	REMOVE
20	TRAVELERS PALM	Ravenea madagascariensis	NON NATIVE	18"	35'	25'	REMOVE
21	QUEEN PALM	Syagrus romanzoffiana	NON NATIVE	12"	15'	10'	REMOVE
22	SYLVESTER PALM	Phoenix sylvestris	NON NATIVE	18"	22'	15'	REMOVE
23	SYLVESTER PALM	Phoenix sylvestris	NON NATIVE	30"	22'	16'	REMOVE



**TREE PROTECTION**  
SCALE: NT6



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TREE DISPOSITION  
PLAN

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