# NCH-Heart Institute

## **DESIGN TEAM**

Architect
Landscape Architect

Cannon Design, Studio Plus Architectural Land Design, Inc. Hole Monter

## **PROJECT LOCATION** City Of Naples Florida **AERIAL** 4th AVENUE NORTH STE SENCHMAN 1107-00-01 N 83°01'22" E 830.11' (M) PARCEL NO. 14038880000 O.R. 206, PG. 971 597,600.00 SF ± 13.719 ACRES ± NUE NORTH

N 83°07'09" E 80.02'

2nd AVENUE NORTH (80' PUBLIC RIGHT OF-WAY)

N 83°00'27" E 189.50'

## **SHEET INDEX**

## HARDSCAPE

0.0 DEMO PLAN

1.0 SITE HARDSCAPE PLAN

### **PLANTING**

2nd AVENUE NORTH

N 83°00'46" E 256.79'

2.0	PLANTING PLAN
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2.02	PLANTING PLAN
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2.05	PLANTING PLAN
2.06	PLANTING PLAN
2.07	PLANTING PLAN

2.1.0 PLANTING SPECIFICATIONS AND DETAILS

2.1.1 PLANTING PALETTE



www.aldinc.net 2780 S. Horseshoe Drive, Suite 5 Naples, FL 34104 Phone: (239) 430-1661 Fax: (239) 430-1664 e-mail: design@aldinc.net

Contractor shall verify that he has the most up to date plans, and that they have been approved and accepted by the Owner before commencing construction.



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EX. CONDITIONS / DEMOLITION PLAN

City of Naples, FL

CH-Heart Institute



Quercus virginiana Live Oak

Roystonea elata Royal Palm

> Sabal Palmetto Cabbage Palm

Livestona Chinensis Chinese Fan Palm

Bucida buceras Black Olive

Swietenia Mahogany Mahogany

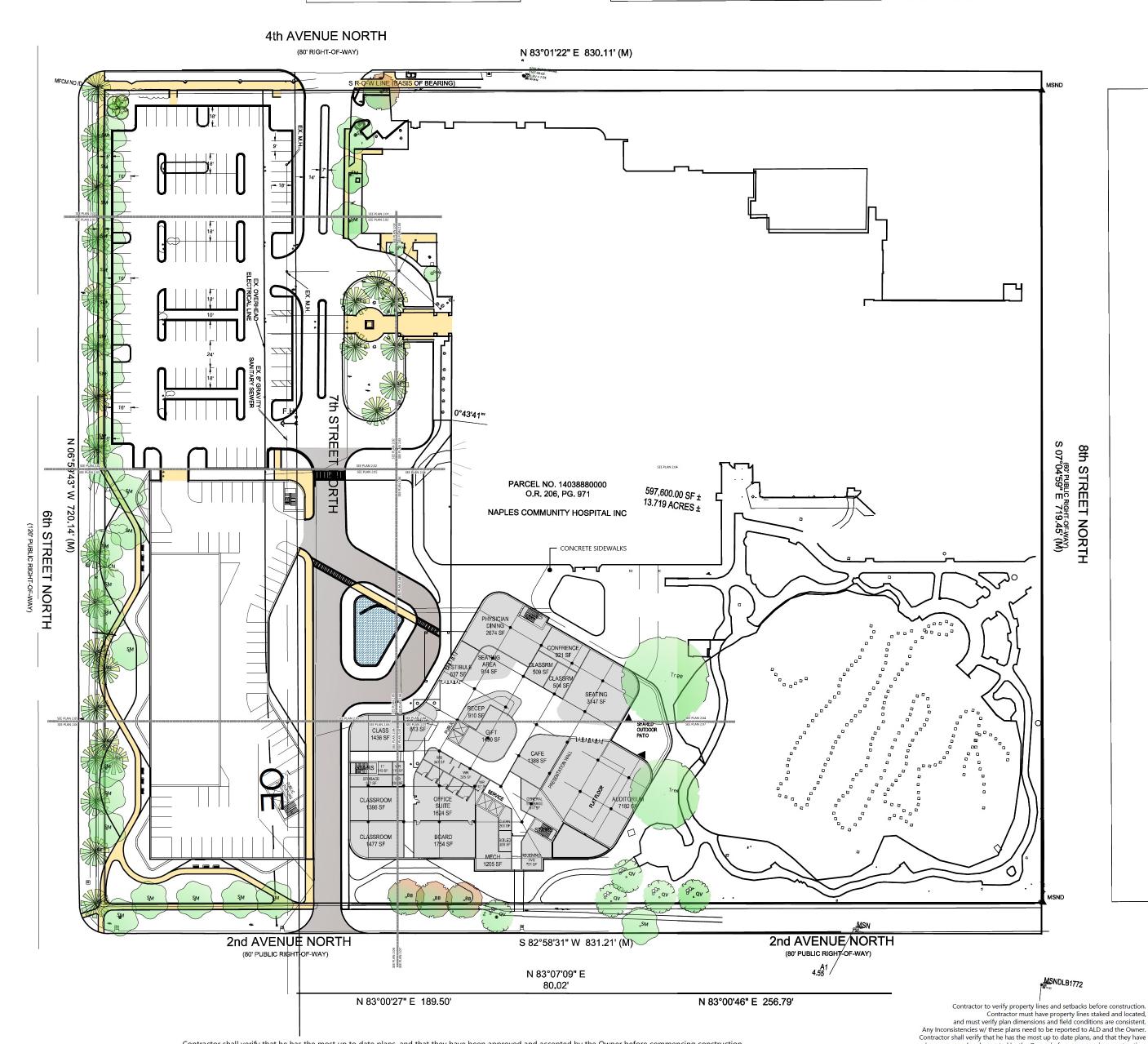
Cocos nucifera Coconut Palm

Phoenix roebellennii Pygmy Date Palm

Acoellerophe wrightii Paurotis Palm

# Podocarpus

3rd AVENUE NORTH (80 FOOT RIGHT-OF-WAY)



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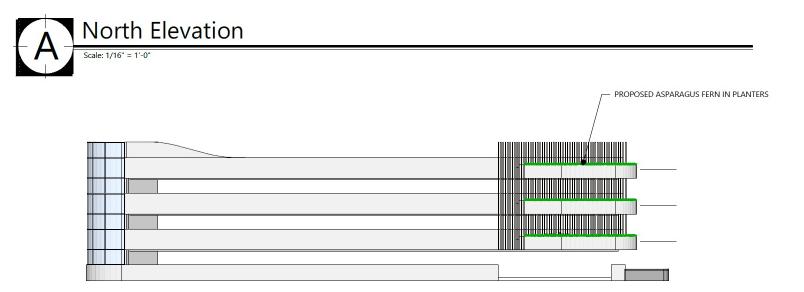
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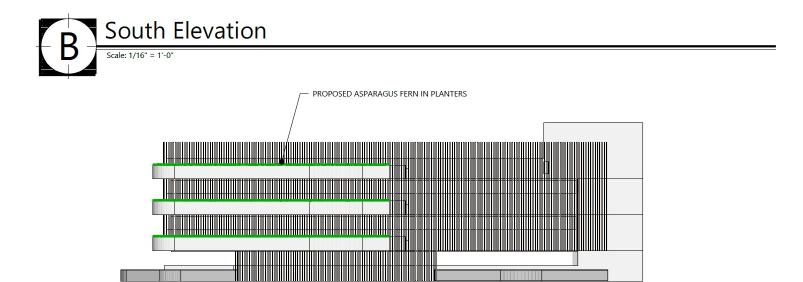
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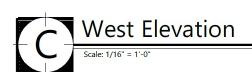
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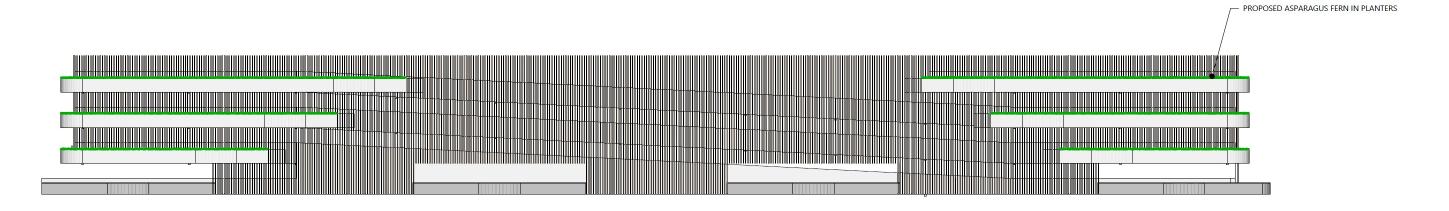
**GARAGE PLAN** 











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HCGRPGRATED LANDSCAPE ARCHITECTURE

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MSNDLB1772

Contractor to verify property lines and setbacks before construction.

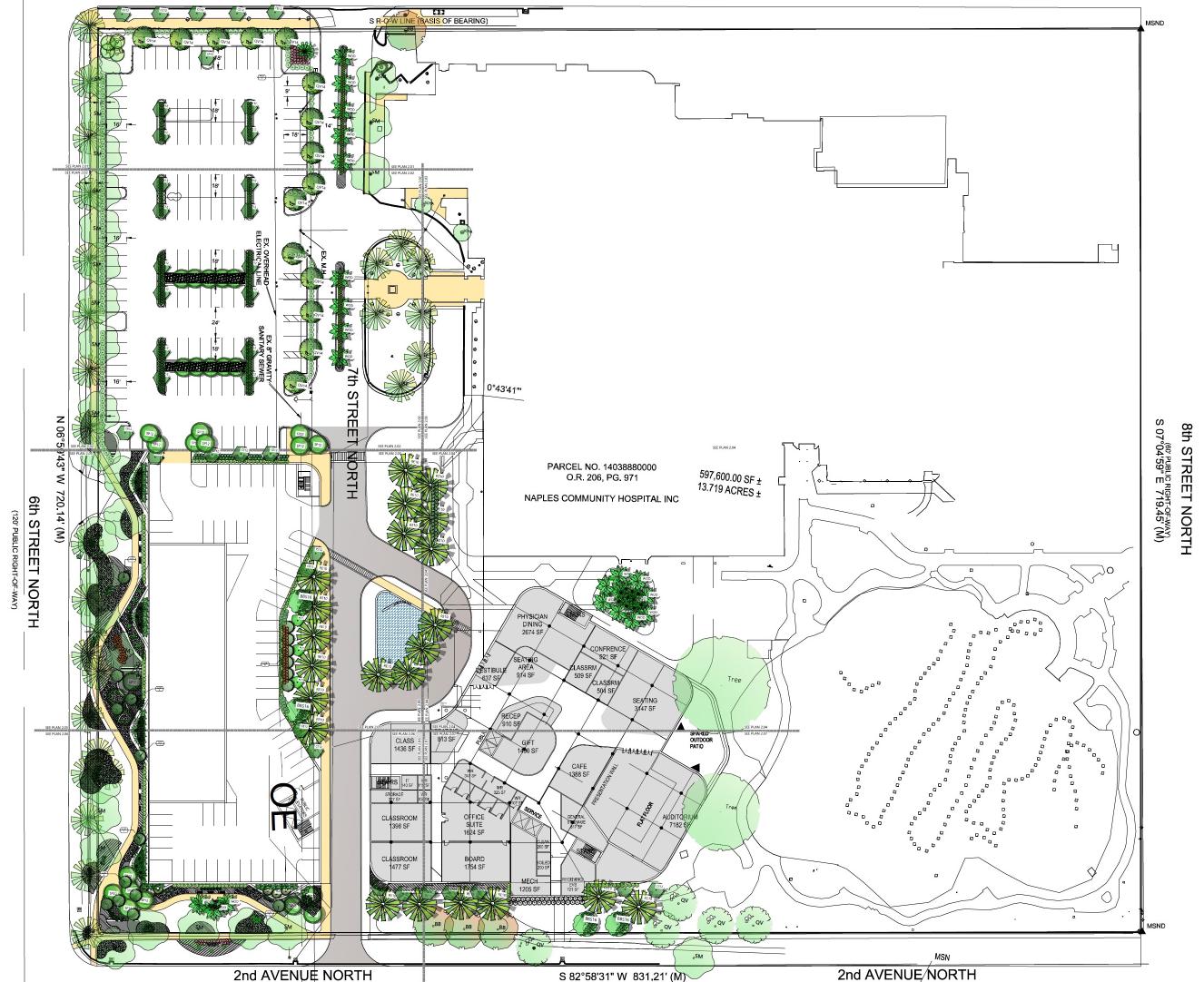
Contractor must have property lines staked and located,
and must verify plan dimensions and field conditions are consistent.

Any Inconsistencies w/ these plans need to be reported to ALD and the Owner.

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4th AVENUE NORTH

(80' RIGHT-OF-WAY) N 83°01'22" E 830.11' (M)



S 82°58'31" W 831.21' (M)

N 83°00'46" E 256.79'

N 83°07'09" E

80.02'

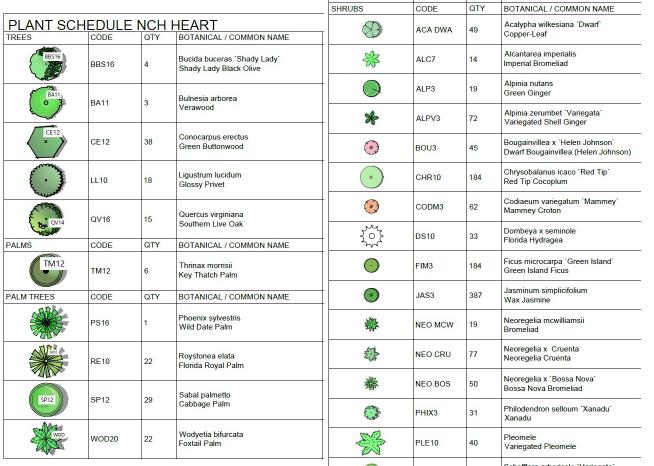
3rd AVENUE NORTH (80 FOOT RIGHT-OF-WAY)

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N 83°00'27" E 189.50'

2nd AVENUE NORTH

(80' PUBLIC RIGHT OF-WAY)



$\odot$	SCHV10	173	Schefflera arboricola `Variegata` Dwarf Variegated Schefflera "Trinette"	
*	SP8	22	Sphaerterops cooperii Australian Tree Fern	
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	
	FIM3A	368	Ficus microcarpa 'Green Island' Green Island Ficus	
	JAS3A	471	Jasminum simplicifolium Wax Jasmine	
	MUH3A	166	Muhlenbergia capillaris Pink Muhly	
	PHIX3 A	506	Philodendron selloum 'Xanadu' Xanadu	
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	
	ACA HIS	1,599	Acalypha hispida Dwarf Chenille Plant	
	ARAG1	1,424	Arachis glabrata Perennial Peanut	
	ASP DE2	129	Asparagus densiflorus 'Myers' Myers Asparagus	
<del></del>	BEG ODO	228	Begonia odorata `Alba` Giant White Angel Begonia	
	LIR EME	642	Liriope muscari 'Emerald Goddess' Liriope	
	PIL SER	961	Pilea serpyllacea Artillery Plant	
	TRAM1	3,142	Trachelospermum asiaticum `Minima` Minima Jasmine	



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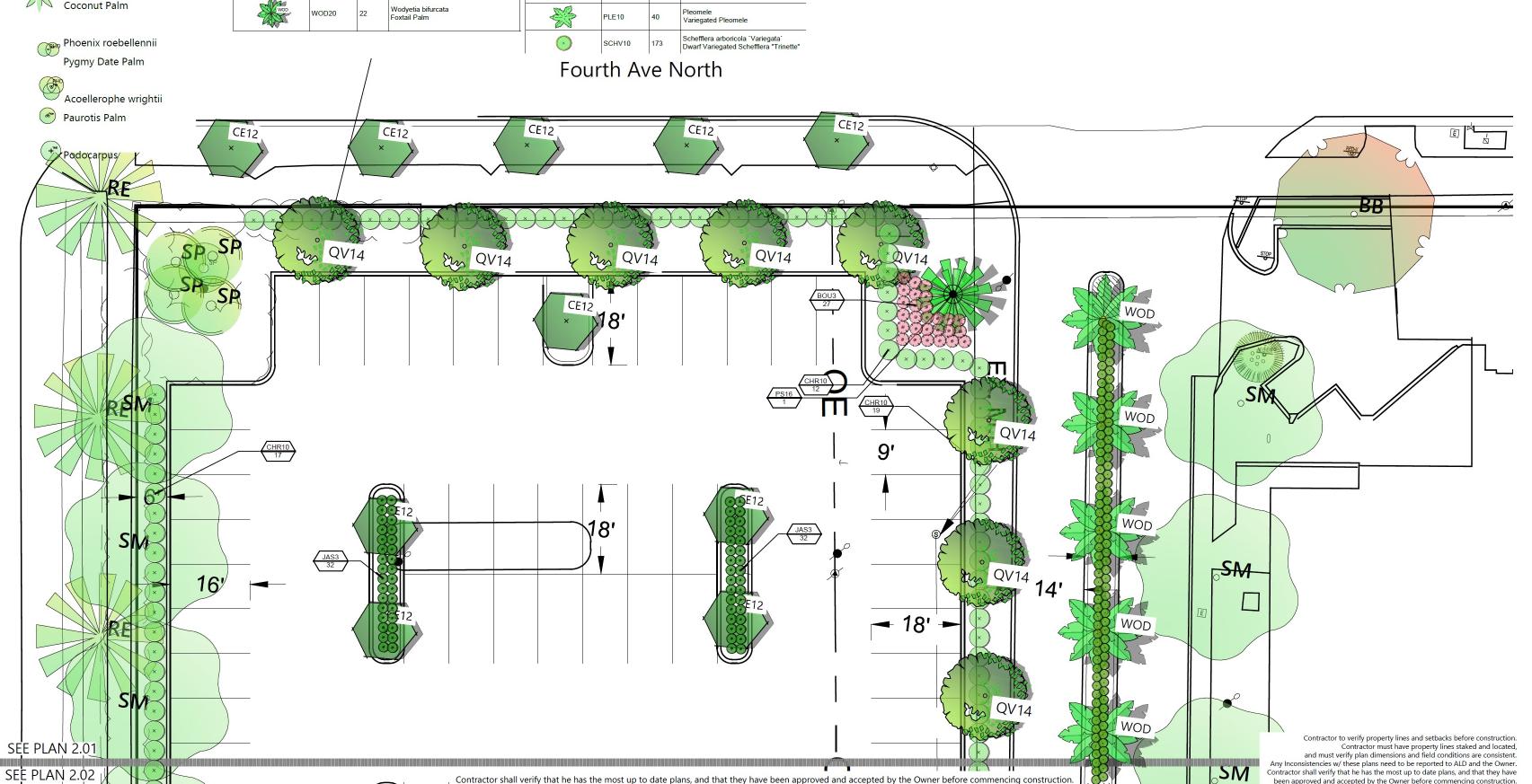
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PLANTING PLAN

IS 03.09.23 1" = 10'

Scale:



SEE PLAN 2.01

SEE PLAN 2.02

RE

PLAN 2.03

EE PLAN 2.02

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PLANTING PLAN

Heart Institute

IS 03.09.23 1" = 10'

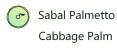
SEE PLAN 2.02 SEE PLAN 2.03



Quercus virginiana Live Oak



Roystonea elata Royal Palm



Livestona Chinensis Chinese Fan Palm

















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1" = 10'

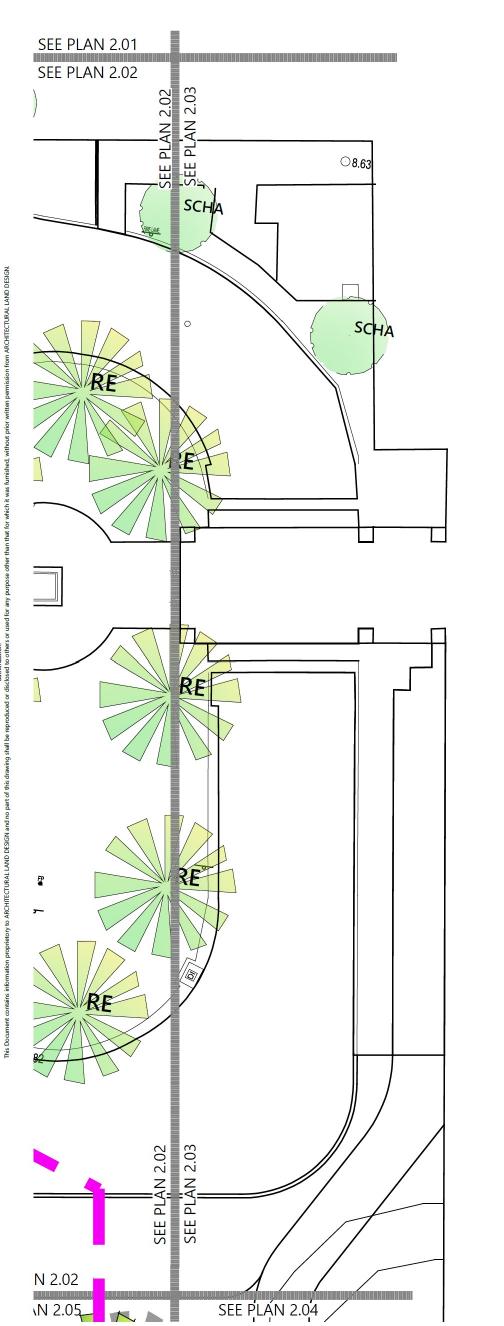


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Hear

PLANTING PLAN

IS 03.09.23 1" = 10'

SEE PLAN 2.06

STAIRS

STORAGE 377 SF

CLASSROOM

1396 SF

CL SP DE SROOM

1477 SF

CLASS %

1436 SF NY

IT 140 SF

NCH-Heart Institute

PLANTING PLAN

EE PLAN 2.06 Contractor to verify property lines and setbacks before construction.

Contractor must have property lines staked and located, and must verify plan dimensions and field conditions are consistent. In the consistencies we have plans need to be reported to ALD and the Owner. Ontractor shall verify that he has the most up to date plans, and that they have

## 2nd AVENUE NORTH

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PLANTING PLAN

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N 83°07'09" F

● ELEV = 5.54

QUALITY: All plants shall be Florida No.1 or better as given in Grades & Standards for Nursery Plants, Parts I and II, latest edition published by the Florida Department of Consumer Services

Planting Specifications

RESEARCH: Contractor shall research plans and site to determine present location of utilities and obstructions before commencing v Contractor shall ensure that before he commences work that all necessary permits have been obtained.

The contractor shall personally examine the project site, and fully acquaint himself with all of the existing conditions in order that no misunderstanding may occur.

No Additional compensation will be granted, after bid has been let for any hardships the contractor may encounter in the performance of his duty. Any discrepencies or errors not addressed at the time of bid.

DRAWINGS: Drawings are part of thhis contract. Any discrepencies between the drawings and specifications shall be brought to the attention of the owner at time of bid.

SCOPE: Under this contract, the work consists of furnishing all labor. material, equipment, transportation, etc., to complete all landscaping work as shown on the Drawings, as included in the Plant List and as herein specified. Work shall include all construction and maintenance/watering of all planting areas of this Contract until accepted by the Owner.

The contractor shall be responsible for all planting/ maintenance of plants until acceptance by Owner. Contractor shall protect all existing structure, plants etc., from damage during the construction process.

All damage shall be repaired at the contractors expense

WARRANTY: All trees shall be warrantied for a period of 1 year. All shrubs and groundcovers shall be warrantied for a period of 19 days, and sod shall be warrantied for a period of 90 days, and sod shall be warrantied for a period of 30 days. Warranty begins at time of acceptance. All warranties shall be provided to the owner.

REPLACEMENT: All plant replacements shall be done with the same size and species of plant that was specified.

SAMPLES: Samples of any landscape material may be required for SAMPLES: Samples of any landscape material may be required for approval on the site or as otherwise determined by the Owner. Upon approval of samples (i.e. mulch, planting soil, plant varieties, etc.) by the Owner, delivery of material may begin. Approved samples shall be stored on the site and protected until furnishing of materials is completed. Plant samples be planted in permanent positions, but

SUBSTITUTIONS: Any substitutions made for any reason must be approved by the owner

WATER: It is the contractors responsibility to obtain and adequately water the plants during the duration of the installation phase. All plants shall be freshly dug,healthy and be well branched, free form disease

CONTAINER GROWN MATERIAL: All container grown materials shall be healthy vigorous, well rooted plants, and established in the container so that the root mass will retain its shape and hold together when removed from the container.

PALMS: Only a minimum numer of fronds shall be removed from the crown of palm trees to facilitate moving and handling. Cabbage palm heads shall be tied with a burlap strip per the following procedure: The first (inside) row of fronds contiguous to bud shall be removed. The next 3-4 rows shall be tied to bud for support. The remaining (lower) fronds shall be removed. Tied fronds and bud tip shall not be clipped. Burlap strip shall be left in place until the tree is well established.

PALMS: Clear trunk (c.t.) shall be measured from the ground at time of installation to the point where the mature aged trunk joins the immature green portion of the tree. Caliper shall be measured at breast height. Overall height (OA) shall be measured from the ground at the time of installation to a point one-quarter the length of the unopened bud below the bud tip.

point where mature plant growth stops. Spread shall be measured to the end of branching equally across the shrub mass. Measurements are not to include any terminal growth.

SOD: Sod shall be measured on the basis of square footage. Contractor shall be responsible for coverage of the square footage shown on the plans.

SOD: Time delivery so that sod will be placed within 24 hours after.

SHADE TREES: Height shall be measured from the gorund to the avg. height of canopy. Spread shall be measured to the average outer edge. Single trunk trees shall be free from low-crotches.

SHRUBS: Height shall be measured from the ground to the average

MULCH: Apply 3" Pine Straw mulch to all planting areas. Keep mulch from piling up along the base of the tree and shrubs. Mulch to be measured after compaction.

The landscape contractor shall be responsible for fine grading of the site. This means that the site shall be brought within 1" of final grade so that the landscape contractor will be able to perform final grading. All landscape areas, sod areas, are to be fine graded.

PLANT LAYOUT: All bed areas shall have planting laid out prior to

The Landscape Architect shall review all layout prior to planting. If the bed and shrub layout is not inspected prior to planting, the Landscape Architect reserves the right to relocate the plants.

Planting beds shall contain good soil, complete with organic sand mix. There shall be no construction debris, rock larger than 1" within bed areas. Soil shall be dark grey-brown in organic color and shall have good drainage characteristics.

Soil within planting beds shall not be compacted.

All compacted sub-base/ shell is to be removed from all landscape

BACKFILL/SOIL MIX 50% decomposed organic matter (muck) 100% Potting Soil

FERTILIZER: Two fertilizers shall be used in all types of plantings except palms. Granular fertilizer shall be uniform in composition, dry and free

This fertilizer shall be 6-6-6 Nitrogen-Phosphorous-Potassium, Tablet Fertilizer (Agriform or equal) in 21 gr size, shall meet the following requirements: 20% Nitrogen, 10% Phosphorous, 10% Potassium.

The two fertilizers will be applied at the following rates:

PLANT SIZE	6-6-6 "AGRI	FORM" TA	BLET (21 GRAM)
1 gal.	1/4 lb.	1	
3 gal.	1/3 lb.	2	
7-15 gal.	1/2 lb.	4	
1"-6" caliper	2 lbs.,	'1" cal.	2/1" caliper
6" and larger	3 lbs.,	'1" cal.	2/1" caliper

2. Magnesium sulfate or "Palm Special" will be applied to all palms at installation at a rate of 1/2 lb. per inch of trunk caliper

PRUNING: Each plant shil be pruned to complement the natural character of the tree. All dead and brown fronds, leaves, branches shall

TREE GUYING AND BRACING : Firmly stake or guy all trees in accordance with the plans and planting details immediately after planting to prevent wind damage.

WEED CONTROL: All landscape areas shall be free of nut grass, torpedo grass, and other noxious weed PLANT MAINTENANCE: Contractor shall maintain all plants until final

CLEAN-UP: Contractor shall clean site area every day. The site shall be

PLANT SCH	EDULE N	NCH F	HEART BOTANICAL / COMMON NAME	CONT
BBS16	BBS16	4	Bucida buceras `Shady Lady` Shady Lady Black Olive	16' oa x 8' spd, 6' ct, 4" cal
BA11	BA11	3	Bulnesia arborea Verawood	10`x4`, 2" cal, Field grown
CE12	CE12	38	Conocarpus erectus Green Buttonwood	12' oa Single, 2.5" cal, Field grown
0	LL10	18	Ligustrum lucidum Glossy Privet	10'x8' Multiple Trunks, 8"ca, Field grown
QV14	QV16	15	Quercus virginiana Southern Live Oak	16'-18' oa x 7' spd, 4.5" cal, Field grown
PALMS TM12	CODE TM12	QTY 6	BOTANICAL / COMMON NAME Thrinax morrisii	CONT I
DAIN TREES		QTY	Key Thatch Palm  BOTANICAL / COMMON NAME	
PALM TREES	PS16	1	Phoenix sylvestris Wild Date Palm	16' ct hvy caliper, 30' oa, Field grown
nesto.	RE10	22	Roystonea elata Florida Royal Palm	10' gw 28'-30' oa
SP12	SP12	29	Sabal palmetto Cabbage Palm	12', 15', 18' ct, Cut head
WOD	WOD20	22	Wodyetia bifurcata Foxtail Palm	20'oa
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	CONT
$\otimes$	ACA DWA	49	Acalypha wilkesiana `Dwarf` Copper-Leaf	3 gallon 24"
	ALC7	14	Alcantarea imperialis Imperial Bromeliad	7 gal 36"
	ALP3	19	Alpinia nutans Green Ginger	3 gal 20"
*	ALPV3	72	Alpinia zerumbet 'Variegata' Variegated Shell Ginger	3 gallon 18"
•	BOU3	45	Bougainvillea x `Helen Johnson` Dwarf Bougainvillea (Helen Johnson)	3 gallon 18", Amend soil w/ Sand mix
×	CHR10	184	Chrysobalanus icaco `Red Tip` Red Tip Cocoplum	10 gallon 48"
*	CODM3	62	Codiaeum variegatum `Mammey` Mammey Croton	3 gallon 18"
304	DS10	33	Dombeya x seminole Florida Hydragea	10 gallon 5'
$\odot$	FIM3	184	Ficus microcarpa 'Green Island' Green Island Ficus	3 gallon, 14"
(3)	JAS3	387	Jasminum simplicifolium Wax Jasmine	3 gal 20"
	NEO MCW	19	Neoregelia mcwilliamsii Bromeliad	3 gallon, 14"
	NEO CRU	77	Neoregelia x Cruenta Neoregelia Cruenta	3 gallon 12"
**	NEO BOS	50	Neoregelia x 'Bossa Nova' Bossa Nova Bromeliad	3 gallon 12"
	PHIX3	31	Philodendron selloum `Xanadu` Xanadu	3 gallon 18"
	PLE10	40	Pleomele Variegated Pleomele	3 gal 20"
<b>⊗</b>	SCHV10	173	Schefflera arboricola 'Variegata' Dwarf Variegated Schefflera "Trinette"	10 gallon 48"
*	SP8	22	Sphaerterops cooperii Australian Tree Fern	8'-10' Oa
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME Ficus microcarpa 'Green Island'	CONT
	FIM3A JAS3A	368 471	Green Island Ficus  Jasminum simplicifolium	3 gallon, 14" 3 gal 20"
	MUH3A	166	Wax Jasmine  Muhlenbergia capillaris Pink Muhly	3 gal 20"
	РНІХЗ А	506	Philodendron selloum 'Xanadu' Xanadu	3 gallon 18"
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	CONT
	ACA HIS	1,599	Acalypha hispida Dwarf Chenille Plant	1 gallon 8"
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	ASP DE2	129	Asparagus densiflorus `Myers` Myers Asparagus	1 gallon 12"
	BEG ODO	228	Begonia odorata `Alba` Giant White Angel Begonia	1 gallon 8"
	LIR EME	642	Liriope muscari `Emerald Goddess` Liriope	1 gallon 12"
10.0 4 8 10.0 5 cm.	PIL SER	961	Pilea serpyllacea Artillery Plant	1 gallon 8"
	TRAM1	3,142	Trachelospermum asiaticum 'Minima' Minima Jasmine	1 gallon 8"



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ETAIL

AND

**ECIFICATIONS** 

SP

**PLANTING** 

of Naples,

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## **TREES**





Bucida buceras `Shady Lady` Shady Lady Black Olive



LL10 Ligustrum lucidum Glossy Privet Conocarpus erectus Green Buttonwood



Sphaerterops cooperii Australian Tree Fern

## PALM TREES



ADM16C Adonidia merilla Christmas Palm









Phoenix roebelenii Pygmy Date Palm









Veitchia montgomeryana Montgomery Palm

## SHRUBS



ACA DWA



ALON Alocasia plumbea 'Nigra' Black Elephant Ears





ALP3 Alpinia nutans Green Ginger





CLU Clusia guttifera Small-Leaf Clusia



CAL3 Calliandra haematocephala Powder Puff

CODG3 Codiaeum variegatum 'Golden Dust' Gold Dust Croton

Bougainvillea x `Helen Johnson`
Dwarf Bougainvillea (Helen Johnson)



CHR10 Chrysobalanus icaco `Red Tip` Red Tip Cocoplum

ACA DWA Acalypha wilkesiana `Dwarf` Copper-Leaf







FIM3 Ficus microcarpa `Green Island` Green Island Ficus





HIBP3 Hibiscus rosa-sinensis Hibiscus Pink



HIBY3 Hibiscus rosa-sinensis Hibiscus Yellow



MUH1 Muhlenbergia capillaris Muhly





IXN3 Ixora x `Nora Grant` Ixora `Nora Grant

POD3 PSY3
Podocarpus macrophyllus
Podocarpus Wild Coffee



JAS3 Jasminum simplicifolium Wax Jasmine



SCH10 Schefflera arboricola `Dwarf Dwarf Schefflera



SCHV10 Schefflera arboricola `Variegata` Dwarf Variegated Schefflera "Trinette"



Serenoa repens 'Cinerea' Silver Saw Palmetto



ZAM3 Zamia pumila Coontie



BEG ODO Begonia odorata `Alba` Giant White Angel Begonia



ASP DE2 Asparagus densiflorus `Myers` Myers Asparagus

## **GROUND COVERS**



ACA HIS Acalypha hispida Dwarf Chenille Plant



ARAG1 Arachis glabrata Perennial Peanut



ASP DE2 Asparagus densiflorus `Myers` Myers Asparagus



BEG ODO Begonia odorata 'Alba' Giant White Angel Begonia



BRO1 Neoregelia x `Fireball` Fireball Bromeliad



TRA AS2 Trachelospermum asiaticum `Asiatic` Asiatic Jasmine

IS 03.09.23 Drawing Date:

21-200