PLANNING DIVISION

2600 Hollywood Boulevard Room 315
Hollywood, FL 33022

File No. (internal use only): _____

GENERAL APPLICATION

Tel: (954) 921-3471
Fax: (954) 921-3347

This application must be completed in full and submitted with all documents to be placed on a Board or Committee's agenda.

The applicant is responsible for obtaining the appropriate checklist for each type of application.

Applicant(s) or their authorized legal agent must be present at all Board or Committee meetings.

At least one set of the submitted plans for each application must be signed and sealed (i.e. Architect or Engineer).

Documents and forms can be accessed on the City's website at

http://www.hollywoodfl.org/DocumentCenter/Home/View/21

APPLICATION TYPE (CHECK ONE):

☒ Technical Advisory Committee ☐ Historic Preservation Board
☐ City Commission ☐ Planning and Development Board

Date of Application: _____

Location Address: Southwest Corner SR 84 and SW 30th Avenue

Lot(s): Parcel A Block(s): _____ Subdivision: Port 95 Commerce Park

Folio Number(s): 5042 29 40 0010

Zoning Classification: C-4 Commercial Land Use Classification: Commercial

Existing Property Use: Vacant Sq Ft/Number of Units: 0/0

Is the request the result of a violation notice? ( ) Yes (X) No If yes, attach a copy of violation.

Has this property been presented to the City before? If yes, check al that apply and provide File Number(s) and Resolution(s): _____

☐ Economic Roundtable ☒ Technical Advisory Committee ☐ Historic Preservation Board
☐ City Commission ☐ Planning and Development

Explanation of Request: Site plan approval for a proposed Cumberland Farms convenience store with fuel pumps and associated parking lot improvements

Number of units/rooms: _____ Sq Ft: 6,425

Value of Improvement: $1,000,000 Estimated Date of Completion: 12/2018

Will Project be Phased? ( ) Yes (X)No If Phased, Estimated Completion of Each Phase

_____

Name of Current Property Owner: West Pond Associates LLC

Address of Property Owner: 100 S. Pointe Drive, #TH3, Miami Beach, FL 33139

Telephone: _____ Fax: _____ Email Address: _____

Name of Consultant/Representative/Tenant (circle one): Michael Troxell/Thomas Engineering

Address: 1000 Corporate Drive Suite 250 Fort Lauderdale, FL 33334 Telephone: 954-202-7000

Fax: 954-202-7070 Email Address: mtroxell@thomaseg.com

Date of Purchase: _____ Is there an option to purchase the Property? Yes ( ) No ( )

If Yes, Attach Copy of the Contract.

List Anyone Else Who Should Receive Notice of the Hearing: _____

_____ Address: _____

_____ Email Address: _____

PLANNING DIVISION

File No. (internal use only):_____

GENERAL APPLICATION

2600 Hollywood Boulevard Room 315
Hollywood, FL 33022

CERTIFICATION OF COMPLIANCE WITH APPLICABLE REGULATIONS

The applicant/owner(s) signature certifies that he/she has been made aware of the criteria, regulations and guidelines applicable to the request. This information can be obtained in Room 315 of City Hall or on our website at www.hollywoodfl.org. The owner(s) further certifies that when required by applicable law, including but not limited to the City's Zoning and Land Development Regulations, they will post the site with a sign provided by the Office of Planning and Development Services. The owner(s) will photograph the sign the day of posting and submit photographs to the Office of Planning and Development Services as required by applicable law. Failure to post the sign will result in violation of State and Municipal Notification Requirements and Laws.

(I)(We) certify that (I) (we) understand and will comply with the provisions and regulations of the City's Zoning and Land Development Regulations, Design Guidelines, Design Guidelines for Historic Properties and City's Comprehensive Plan as they apply to this project. (I)(We) further certify that the above statements and drawings made on any paper or plans submitted herewith are true to the best of (my)(our) knowledge. (I)(We) understand that the application and attachments become part of the official public records of the City and are not returnable.

Signature of Current Owner: _____ Date: 9/30/2017

PRINT NAME: Louis Paolino Date: 9/30/2017

Signature of Consultant/Representative: _____ Date: 10/4/2017

PRINT NAME: Michael Troxell/Thomas Engineering Group Date: 10/4/2017

Signature of Tenant: _____ Date: 10/4/2017

PRINT NAME: Michael Troxell/ Authorized Representative, Cumberland Farms, Inc. Date: 10/4/2017

Current Owner Power of Attorney

I am the current owner of the described real property and that I am aware of the nature and effect the request for site plan approval for the Cumberland Farms store to my property, which is hereby made by me or I am hereby authorizing Michael Troxell / Thomas Engineering Group to be my legal representative before the Technical Advisory (Board and/or Committee) relative to all matters concerning this application.

Sworn to and subscribed before me
this 3 day of October

Andrew Kurt Carlson
Notary Public
State of Florida
My Commission Expires: April 24, 2018 (Check One) X Personally known to me; OR ___ Produced Identification _____

NOTARY PUBLIC STATE OF FLORIDA
ANDREW KURT CARLSON
MY COMMISSION # FF 116248
EXPIRES: April 24, 2018
Bonded Thru Budget Notary Services

_____
Signature of Current Owner

Louis Paolino, manager
Print Name WEST Pond Associates LLC

SITE DEVELOPMENT DRAWINGS FOR:

Cumberland FARMS

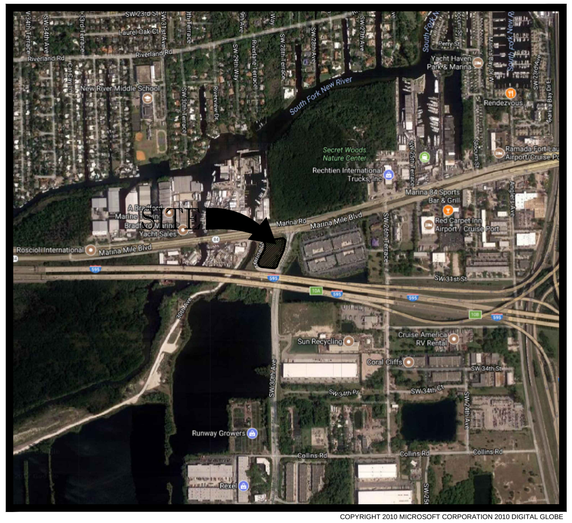
W STATE ROAD 84, HOLLYWOOD

BROWARD COUNTY, FL

SECTION 20, TOWNSHIP 50S, RANGE 42E

VICINITY \ AERIAL MAP

1"=1000'



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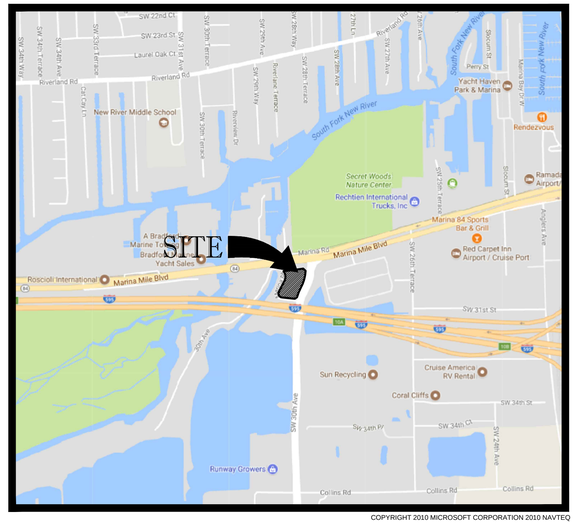
LOCATION MAP

1"=1000'



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EXTERIOR ELEVATIONS	A-201

LEGAL DESCRIPTION:

PARCEL A, OF "PORT 95 COMMERCE PARK", ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 144, PAGE 2, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

PREPARED BY

THOMAS ENGINEERING GROUP

CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

RADICE III
1000 CORPORATE DRIVE, SUITE 250
FT. LAUDERDALE, FL. 33334

PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

THOMAS ENGINEERING GROUP

CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

1000 CORPORATE DR. SUITE 250 FT. LAUDERDALE, FL 33334 P: 954-202-7000

4950 W. KENNEDY BLVD. SUITE 600 TAMPA, FL 33609 P: 813-370-4100

125 W INDIANTOWN RD. SUITE 206 JUPITER, FL 33468 P: 561-575-7503

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REVISIONS:

REV:	DATE:	COMMENT:	BY:

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10/02/2017

PRELIMINARY TECHNICAL ADVISORY COMMITTEE

PROJECT No.:	F160039
DRAWN BY:	JFV
CHECKED BY:	MAT
DATE:	10-02-2017
CAD I.D.:	F160039 COVER SHEET

PROJECT:

CUMBERLAND FARMS STATE ROAD 84 & SW 30TH AVENUE

FOR

CUMBERLAND FARMS, INC.

CITY OF HOLLYWOOD
BROWARD COUNTY, FLORIDA

THOMAS ENGINEERING GROUP

RADICE III
1000 CORPORATE DRIVE, SUITE 250
FORT LAUDERDALE, FL 33334
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

MICHAEL A. TROXELL

PROFESSIONAL ENGINEER
October 2, 2017
FLORIDA LICENSE No. 50572
FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:

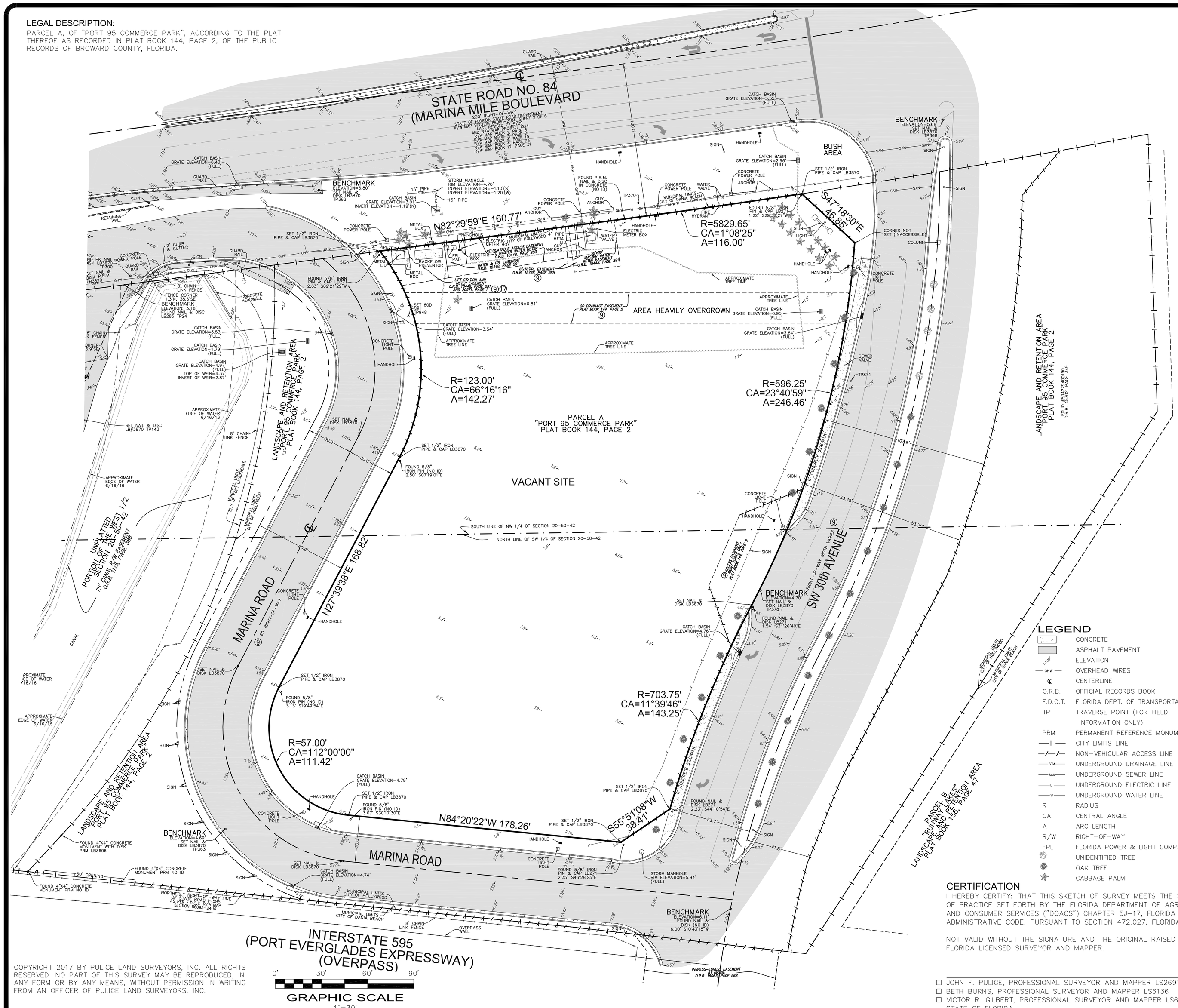
COVER SHEET

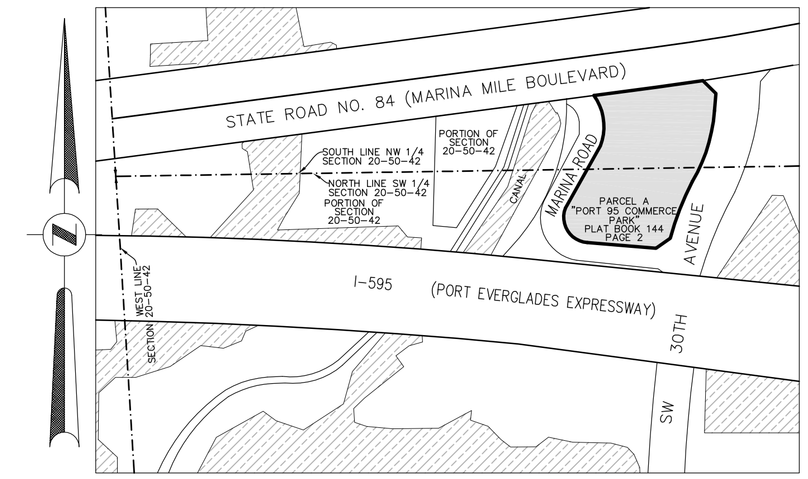
SHEET NUMBER:

CFG01.0

Printed on Monday, October 02, 2017 @ 8:52 AM by Max Fiorino
C:\2016\CUMBERLAND FARMS\F160039 - SR 84 & 30TH AVENUE - HOLLYWOOD\DWG\SITE PLAN ENTITLEMENTS\F160039 COVER SHEET-----JLAYOUT: COVER

LEGAL DESCRIPTION:
PARCEL A, OF "PORT 95 COMMERCE PARK", ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 144, PAGE 2, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.





VICINITY MAP
NOT TO SCALE

NOTES:
1) THIS SITE CONTAINS 108,136 SQUARE FEET (2.4825 ACRES), MORE OR LESS.
2) ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. BROWARD COUNTY BENCHMARK #3694; ELEVATION: 6.697 FEET.
3) FLOOD ZONE: AE & AH; BASE FLOOD ELEVATION: 6 FEET; PANEL #125113 0558H; MAP DATE: 8/18/14.
4) THIS SITE LIES IN SECTION 20, TOWNSHIP 50 SOUTH, RANGE 42 EAST, BROWARD COUNTY, FLORIDA.
5) BEARINGS ARE BASED ON THE SOUTH RIGHT-OF-WAY LINE OF STATE ROAD 84 BEING N82°29'59"E.
6) REASONABLE EFFORTS WERE MADE REGARDING THE EXISTENCE AND THE LOCATION OF UNDERGROUND UTILITIES. THIS FIRM, HOWEVER, DOES NOT ACCEPT RESPONSIBILITY FOR THIS INFORMATION. BEFORE EXCAVATION OR CONSTRUCTION CONTACT THE APPROPRIATE UTILITY COMPANIES FOR FIELD VERIFICATION.
7) THIS SURVEY IS CERTIFIED EXCLUSIVELY TO: THOMAS ENGINEERING GROUP; CUMBERLAND FARMS, INC., A DELAWARE CORPORATION; FIRST AMERICAN TITLE INSURANCE COMPANY.
8) THE HORIZONTAL POSITIONAL ACCURACY OF WELL DEFINED IMPROVEMENTS ON THIS SURVEY IS ±0.2'. THE VERTICAL ACCURACY OF ELEVATIONS OF WELL DEFINED IMPROVEMENTS ON THIS SURVEY IS ±0.1'.
9) THIS SITE CONTAINS NO MARKED PARKING SPACES.
10) THIS SURVEY WAS PREPARED WITH BENEFIT OF COMMITMENT FOR TITLE INSURANCE, FILE No. NCS-849844-ORL, PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, WITH AN EFFECTIVE DATE OF MAY 10, 2017 @ 8:00 A.M.
THE FOLLOWING ITEMS ARE EXCEPTIONS IN SCHEDULE B-II OF SAID COMMITMENT:
ITEMS 1, 2, 3, 4, 5, 6, 7 & 8-STANDARD EXCEPTIONS NOT ADDRESSED.
ITEM 9-RESTRICTIONS, DEDICATIONS, CONDITIONS, RESERVATIONS, EASEMENTS AND OTHER MATTERS IN PLAT BOOK 144, PAGE 2; AS AFFECTED BY EASEMENT TO FLORIDA POWER & LIGHT COMPANY IN O.R.B. 15766, PAGE 365; AS FURTHER AFFECTED BY EASEMENT IN O.R.B. 20571, PAGE 1 APPLY TO THIS SITE AS DEPICTED HEREON. O.R.B. 18448, PAGE 19 DOES NOT APPLY TO THIS SITE (THERE MAY BE A TYPO IN THE COMMITMENT).
ITEM 10-TERMS, PROVISIONS AND CONDITIONS IN RESOLUTION DESIGNATING AREA OF OPERATION OF BOARD COUNTY WATER AND SEWER SYSTEM NO. 3 IN O.R.B. 3843, PAGE 410; AS MODIFIED BY RESOLUTION CORRECTING RESOLUTION DESIGNATING AREA OF OPERATION OF BROWARD COUNTY WATER AND SEWER SYSTEM NO. 3 IN O.R.B. 4442, PAGE 847 APPLY TO THIS SITE BUT CANNOT BE PLOTTED.
ITEM 11-TERMS, PROVISIONS AND CONDITIONS IN ORDINANCE NO. 88-82 IN O.R.B. 16065, PAGE 877; AS MODIFIED BY NOTICE OF ADOPTION OF DEVELOPMENT ORDER IN O.R.B. 17557, PAGE 491; AS MODIFIED BY AFFIDAVIT IN O.R.B. 17599, PAGE 35; AS MODIFIED BY NOTICE OF AMENDMENT OF DEVELOPMENT ORDER IN O.R.B. 23610, PAGE 81 APPLY TO THIS SITE BUT CANNOT BE PLOTTED.
ITEM 12-TERMS AND CONDITIONS OF THE FINISHED WATER FOR RESALE AGREEMENT IN O.R.B. 16562 PAGE 454 APPLY TO THIS SITE BUT CANNOT BE PLOTTED.
ITEM 13-TERMS AND CONDITIONS OF THE LARGE USER WASTEWATER TRANSMISSION AGREEMENT IN O.R.B. 16562, PAGE 473 APPLY TO THIS SITE BUT CANNOT BE PLOTTED.
ITEM 14-TERMS AND CONDITIONS OF THE MEMORANDUM OF DEVELOPMENT AGREEMENT AND AGREEMENT ESTABLISHING OPTION RIGHTS AND RESTRICTIONS ON DEVELOPMENT IN O.R.B. 16636, PAGE 113; AS AFFECTED BY FIRST AMENDMENT DEVELOPMENT AGREEMENT AND AGREEMENT ESTABLISHING OPTIONS RIGHTS AND RESTRICTIONS ON DEVELOPMENT IN O.R.B. 20718, PAGE 861 APPLY TO THIS SITE BUT CANNOT BE PLOTTED.
ITEM 15-NOTICE OF ADOPTION OF DEVELOPMENT ORDER IN O.R.B. 17557, PAGE 491 APPLIES TO THIS SITE BUT CANNOT BE PLOTTED.
ITEM 16-TERMS AND CONDITIONS OF THE REVOCABLE LICENSE AGREEMENT IN O.R.B. 18177, PAGE 1 APPLY TO THIS SITE BUT CANNOT BE PLOTTED.
ITEM 17-EASEMENT IN O.R.B. 20571, PAGE 1 APPLIES TO THIS SITE AS DEPICTED HEREON.
ITEM 18-DECLARATION OF COVENANTS, CONDITIONS, RESTRICTIONS AND EASEMENTS, IN O.R.B. 21694, PAGE 570, AS AFFECTED BY AMENDMENT TO DECLARATION OF COVENANTS, RESTRICTIONS AND EASEMENTS FOR PORT 95 COMMERCE PARK IN O.R.B. 31464, PAGE 1132; AS FURTHER AFFECTED BY AMENDMENT TO DECLARATION OF COVENANTS, RESTRICTIONS AND EASEMENTS FOR PORT 95 COMMERCE PARK IN O.R.B. 31464, PAGE 1135 APPLIES TO THIS SITE BUT CANNOT BE PLOTTED.
ITEM 19-TERMS AND CONDITIONS OF THE AGREEMENT REGARDING ALLOCATION OF DEVELOPMENT RIGHTS IN O.R.B. 30127, PAGE 868 APPLY TO THIS SITE BUT CANNOT BE PLOTTED.
ITEM 20-COVENANTS, CONDITIONS AND RESTRICTIONS IN QUIT CLAIM DEED IN O.R.B. 45702, PAGE 349 APPLY TO THIS SITE BUT CANNOT BE PLOTTED.

LEGEND

	CONCRETE
	ASPHALT PAVEMENT
10.00'	ELEVATION
— OHW —	OVERHEAD WIRES
℄	CENTERLINE
O.R.B.	OFFICIAL RECORDS BOOK
F.D.O.T.	FLORIDA DEPT. OF TRANSPORTATION
TP	TRAVERSE POINT (FOR FIELD INFORMATION ONLY)
PRM	PERMANENT REFERENCE MONUMENT
—I—	CITY LIMITS LINE
—/—/—	NON-VEHICULAR ACCESS LINE
—STM—	UNDERGROUND DRAINAGE LINE
—SAN—	UNDERGROUND SEWER LINE
—E—	UNDERGROUND ELECTRIC LINE
—W—	UNDERGROUND WATER LINE
R	RADIUS
CA	CENTRAL ANGLE
A	ARC LENGTH
R/W	RIGHT-OF-WAY
FPL	FLORIDA POWER & LIGHT COMPANY
	UNIDENTIFIED TREE
	OAK TREE
	CABBAGE PALM

CERTIFICATION
I HEREBY CERTIFY: THAT THIS SKETCH OF SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES ("DOACS") CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

☐ JOHN F. PULICE, PROFESSIONAL SURVEYOR AND MAPPER LS2691
☐ BETH BURNS, PROFESSIONAL SURVEYOR AND MAPPER LS6136
☐ VICTOR R. GILBERT, PROFESSIONAL SURVEYOR AND MAPPER LS6274
STATE OF FLORIDA

NO.	REVISIONS	BY
5		
4		
3		
2		
1		

PROPOSED
CUMBERLAND FARMS SITE
WEST STATE ROAD NO. 84
HOLLYWOOD, BROWARD COUNTY
FLORIDA 33312

BOUNDARY AND TOPOGRAPHIC SURVEY

PULICE LAND SURVEYORS, INC.
5381 NOB HILL ROAD
SUNRISE, FLORIDA 33351
TELEPHONE: (954) 572-1777
FAX: (954) 572-1778
E-MAIL: surveys@pulicelandsurveyors.com
CERTIFICATE OF AUTHORIZATION LB#3870

DRAWN BY: L.S.	SCALE: 1" = 30'	FILE: THOMAS ENGINEERING GROUP
CHECKED BY: J.F.P.	SURVEY DATE: 6/12/17	ORDER NO.: 63238

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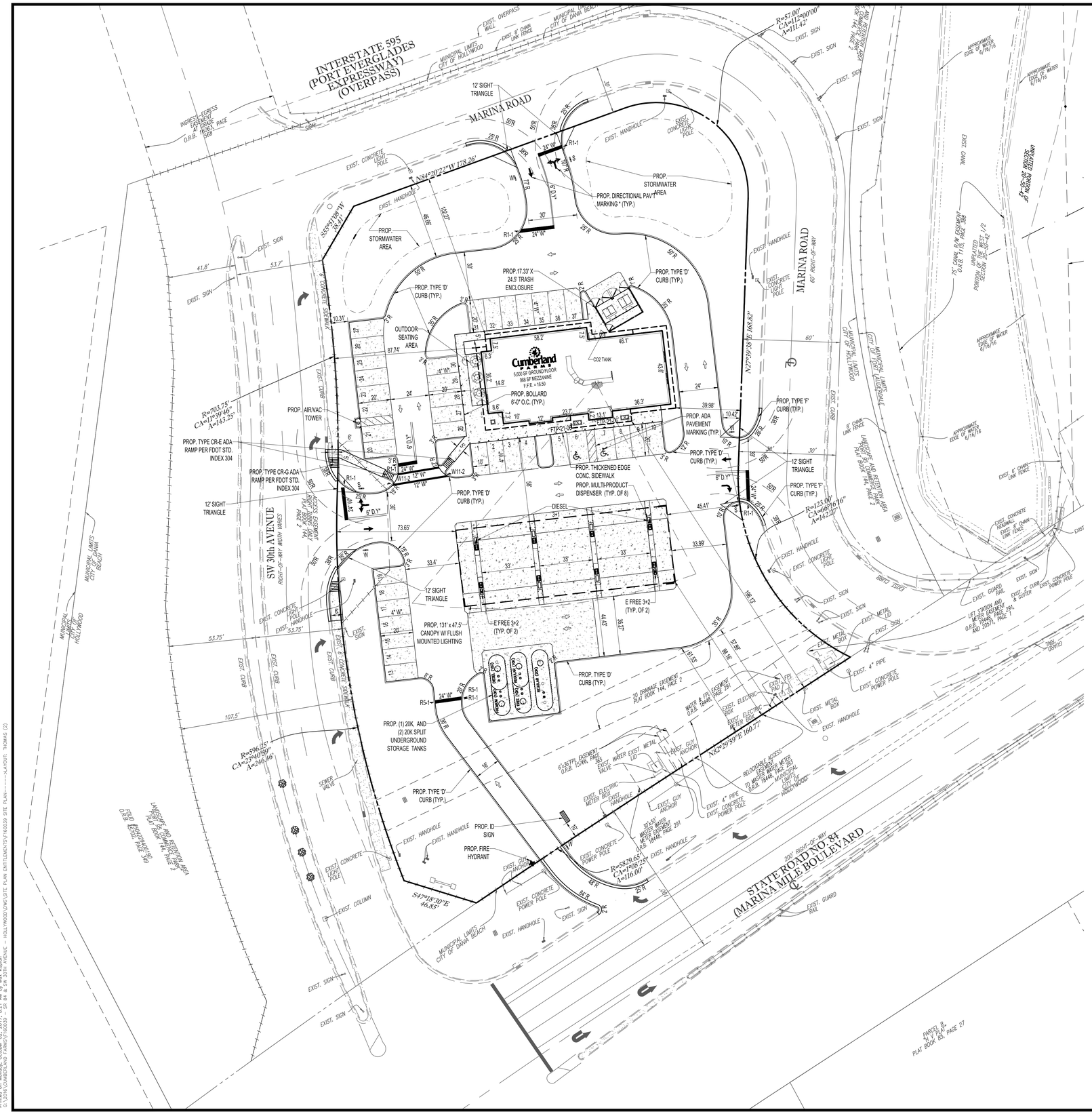

30 15 7.5 0 30
1"= 30'

SITE DATA

JURISDICTION:	CITY OF HOLLYWOOD	
ZONING DISTRICT:	C-4 – MEDIUM/HIGH INTENSITY COMMERICAL DISTRICT	
LAND USE INFORMATION:		
DESIGNATION:	COMMERCIAL	
CURRENT USE:	VACANT	
PROPOSED USE:	COMMERCIAL (CONVENIENCE STORE W/ FUEL PUMPS)	
WATER/WASTEWATER SERVICE PROVIDER:	CITY OF HOLLYWOOD	
SITE AREA:		
GROSS AREA	108,136 S.F	2.48 AC.
R/W DEDICATION	0 S.F	0.00 AC.
NET AREA	108,136 S.F	2.48 AC.
BUILDING AREA:		
GROUND FLOOR AREA	5,600 S.F.	
MEZZANINE AREA:	968 S.F.	
GROSS FLOOR AREA:	6,568 S.F.	

DIMENSION REGULATIONS:	REQUIRED	PROPOSED
SET BACKS:		
FRONT – NORTH (FEET):	15	196.13 (BUILDING) 98.16 (CANOPY)
SIDE – EAST (FEET):	15	87.74 (BUILDING) 73.65 (CANOPY)
SIDE – WEST (FEET):	15	39.98 (BUILDING) 45.41 (CANOPY)
REAR – SOUTH (FEET):	15	102.27
BUILDING HEIGHT	175' MAX	32.75'
CANOPY HEIGHT		21.00'

	EXISTING			PROPOSED			CHANGE	
IMPERVIOUS:	S.F.	ACRES	%	S.F.	ACRES	%	S.F.	ACRES
BUILDING	0	0.00	0.0%	5,600	0.13	5.2%	(+)5,600	(+)0.13
PAVEMENT	0	0.00	0.0%	50,074	1.15	46.4%	(+)50,074	(+)1.15
SIDEWALK/CURB	0	0.00	0.0%	4,834	0.11	4.4%	(+)4,834	(+)0.11
TOTAL	0	0.00	0.0%	60,508	1.39	56.0%	(+)60,508	(+)1.39
PERVIOUS:	108,136	2.48	100.0%	47,628	1.09	44.0%	(+)60,508	(+)1.39
TOTAL	108,136	2.48	100.0%	47,628	1.09	100.0%	0	0

LANDSCAPE BUFFER:	REQUIRED	PROPOSED
FRONT – NORTH (FEET):	10	57.88
SIDE – EAST (FEET):	10	10.31
SIDE – WEST (FEET):	10	10.42
REAR – SOUTH (FEET):	10	46.66

PARKING DATA

REQUIRED:

USE	AREA	RATIO	AMOUNT
CUMBERLAND FARMS	6,568 S.F.	1 SPACE/ 250	27 SPACES

PROVIDED:

TYPE	AMOUNT
STANDARD SPACES	35
ACCESSIBLE SPACES	2
TOTAL SPACES	37

LOADING ZONE:
LESS THAN 10,000 S.F. – NO LOADING SPACE REQUIRED

HATCH LEGEND / KEY

PROPOSED CONCRETE PAVEMENT

EXISTING CONCRETE SIDEWALK TO REMAIN

"SEE YOU SOON" DIRECTIONAL SIGN (TO BE PERMITTED SEPARATELY) (TYP.)

"WELCOME" DIRECTIONAL SIGN (TO BE PERMITTED SEPARATELY) (TYP.)

PAINTED DIRECTION ARROW

TRAFFIC FLOW ARROW (FOR REF. ONLY)

LEGEND

R1-1	STOP SIGN (30" x 30")
R3-5R	RIGHT TURN ONLY
R5-1	DO NOT ENTER SIGN (30" x 30")
W11-2	PEDESTRIAN CROSSING
R6-1R	ONE WAY
FTP 21-06	ACCESSIBLE PARKING
D.Y.	DOUBLE YELLOW
W	WHITE
*	THERMOPLASTIC

NOTE:

THE MAXIMUM FOOT-CANDLE LEVEL AT ANY PROPERTY LINE ADJACENT TO A RESIDENTIALLY ZONED DISTRICT SHALL BE 0.5 FOOT-CANDLES

LEGAL DESCRIPTION

PARCEL A, OF "PORT 95 COMMERCE PARK", ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 144, PAGE 2, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

THOMAS ENGINEERING GROUP
CIVIL ENGINEERS · PROJECT MANAGERS · LAND PLANNING · LANDSCAPE ARCHITECTS
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REVISIONS:

REV:	DATE:	COMMENT:	BY:

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10/02/2017

PRELIMINARY TECHNICAL ADVISORY COMMITTEE

PROJECT No.:	F160039
DRAWN BY:	JFV
CHECKED BY:	MAT
DATE:	10-02-2017
CAD I.D.:	F160039 SITE PLAN

PROJECT:

CUMBERLAND FARMS STATE ROAD 84 & SW 30TH AVENUE

FOR

CUMBERLAND FARMS, INC.

CITY OF HOLLYWOOD
BROWARD COUNTY, FLORIDA

THOMAS ENGINEERING GROUP
RADICE III
1000 CORPORATE DRIVE, SUITE 250
FORT LAUDERDALE, FL 33334
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

MICHAEL A. TROXELL
PROFESSIONAL ENGINEER
October 2, 2017
FLORIDA LICENSE No. 50572
FLORIDA BUSINESS CERT. OF AUTH. No. 27528

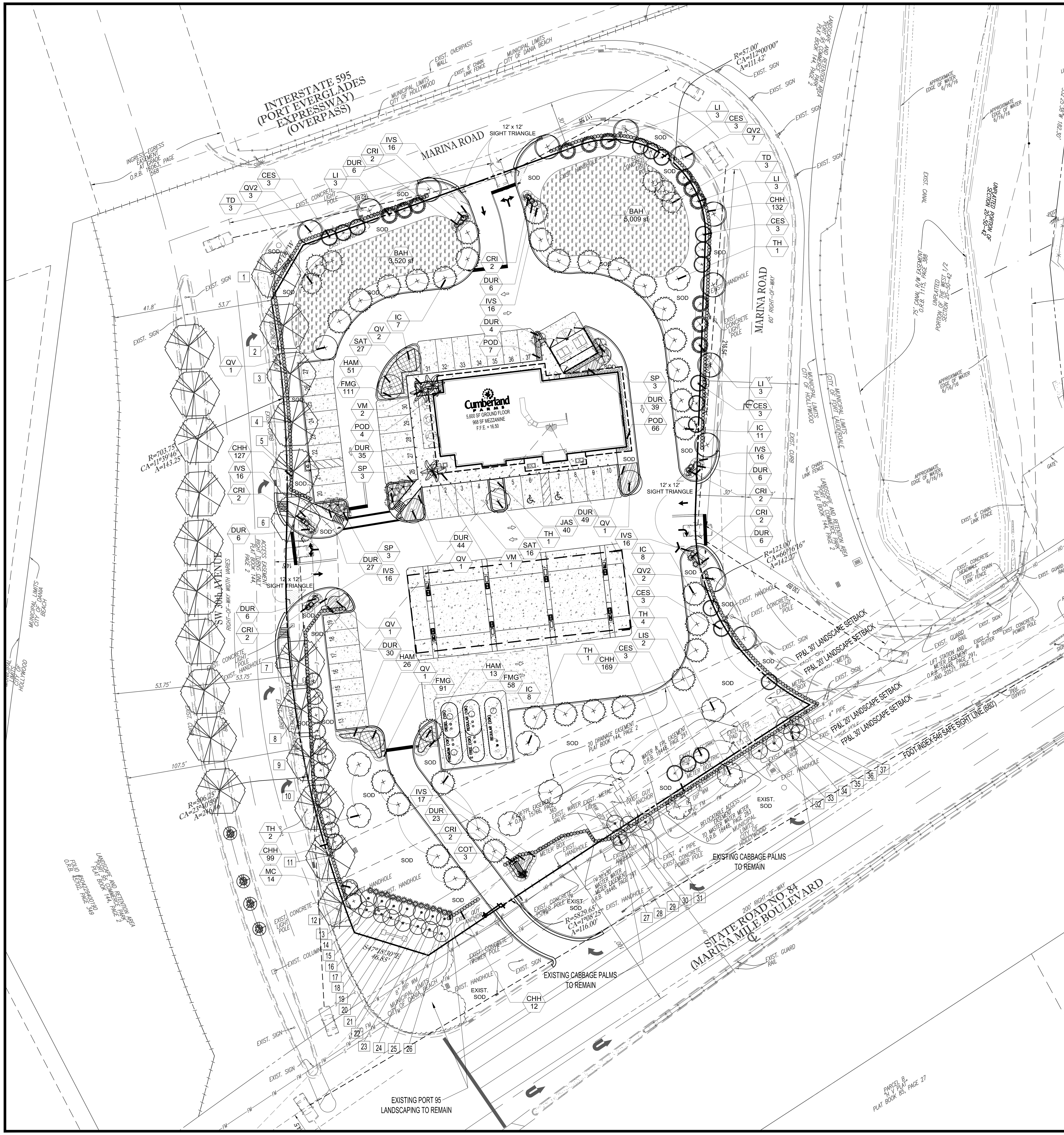
SHEET TITLE:

SITE PLAN

SHEET NUMBER:

CFG04.0

Printed on Monday, October 02, 2017, 8:21 AM by Mark Kosten
C:\2016\CUMBERLAND FARMS\F160039 - SR 84 & SW 30TH AVENUE - HOLLYWOOD\DWG\SITE PLAN ENTITLEMENTS\F160039 SITE PLAN-----LAYOUT: THOMAS (2)



PLANT SCHEDULE

TREES	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
CES	18	Silver Button Wood	Conocarpus erectus sericeus	65 gal	2" DBH	8.5-10`	4`	Yes	High	
IC	34	Dahoon Holly	Ilex cassine	B & B	2" DBH	10` Ht	4`	Yes	High	4.5` clear trunk
LI	12	Muskogee Crape Myrtle	Lagerstroemia indica "Muskogee"	65 gal	2" DBH	8-10` Ht	5`	No	High	4` CT
LIS	2	Queen`s Crape Myrtle	Lagerstroemia indica	FG/B&B	4" DBH	14` Ht	5-6`	No	High	5` CT
MC	14	Wax Myrtle	Myrica cerifera	25 gal	2" DBH	8-10` Ht	4`-5`	Yes	High	Multi
QV	7	High Rise Live Oak	Quercus virginiana `High Rise`	B & B	2" DBH	10-12` Ht	4`	Yes	High	4.5` clear trunk
QV2	12	High Rise Live Oak	Quercus virginiana `High Rise`	B & B	4" DBH	14-16` ht.	6-8`	Yes	High	6.5` clear trunk
TD	6	Bald Cypress	Taxodium distichum	25 gal	2" DBH	12` Ht	4-5`	Yes	High	6` CT
TH	9	Pink Tabebuia	Tabebuia heterophylla	B & B	2" DBH	10-12` Ht	4-5`	No	High	4.5` clear trunk

PALM TREES	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
SP	9	Cabbage Palmetto	Sabal palmetto	B & B		8-12` ct stagger	10`	Yes	High	
VM	3	Montgomery Palm	Veitchia montgomeryana	B & B		24` Ht	12`	No	High	single trunk, 6` gw.

SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
CHH	539	Red Tip Cocoplum	Chrysobalanus icaco `RedTip`	NA	24"	24"	18-24"	Yes	High	full to base
COT	3	Black Magic Ti Plant	Cordyline terminalis `Black Magic`	NA	As Shown	30"	24"	No	High	3 plants per pot
CRI	14	Queen Emma Crinum Lily	Crinum asiaticum `Variegated Procerum`	NA	As Shown	48"	48"	No	Medium	
POD	77	Shrubby Yew	Podocarpus macrophyllus maki	NA	24"	30"	24"	No	Medium	full to base

SHRUB AREAS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
DUR	287	Sky Flower	Duranta repens `Gold Mound Dewdrop`	n/a	24"	18-24"	16-18"	Yes	High	
HAM	90	Fire Bush	Hamelia patens	n/a	24"	24"	18-24"	Yes	High	full to base
JAS	40	Downey Jasmine	Jasminum multiflorum	n/a	24"	18"	16-18"	No	Medium	full
SAT	43	Variegated Dwarf Schefflera	Schefflera arboricola `Trinette`	3 gal	24"	18"	20"	No	High	

GROUND COVERS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
FMG	260	Green Island Ficus	Ficus microcarpa `Green Island`	n/a	16"	12"	10-12"	No	High	
IVS	113	Dwarf Yaupon	Ilex vomitoria `Stokes Dwarf`	n/a	16"	12"	12"	Yes	High	

SOD/SEED	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
BAH	8,529 sf	Bahia Grass	Paspalum notatum `Argentine`	grass					High	seed

NOTE: ANY SOD LABELED AS "EXIST. SOD", DAMAGED DURING CONSTRUCTION, SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR. UNLESS OTHERWISE NOTED, ALL SOD AREAS TO BE ST. AUGUSTINE SOLID SOD (SEE GENERAL NOTE "O", SHEET CFG08.3). SOD AND MULCH QUANTITIES BY CONTRACTOR.

CITY OF HOLLYWOOD FLORIDA

CODE COMPLIANCE CHART C-4

CITY OF HOLLYWOOD LANDSCAPE MANUAL

NET SITE AREA: 108,136 SF (.2.48 ACRES)

SECTION 2.3: COMMERCIAL DISTRICTS (C-1 THROUGH C-5)

	REQUIRED	PROVIDED
Perimeter Landscape Buffer		
1 Swale Street Tree/50 lf of Street Frontage:		
1 Shrub/2 l.f.		
SR 84: 206.92 lf (*Includes 10 Exist. Cabbage Palms (Equals 3 Trees))	5 TREES 104 SHRUBS	**5 TREES*** **104 SHRUBS**
SW 30th Ave: 284.87 lf (**Includes 6 Existing Live Oak Trees)	6 TREES 143 SHRUBS	**6 TREES**** **143 SHRUBS**
Marina Road: 600.77 lf	12 TREES 300 SHRUBS	**12 TREES** **300 SHRUBS**
5' Landsacpe Buffer Included Within Required Setback Areas with 1 Tree/20 LF of Required Buffer (1,092.56') (***Includes 16 Existing Cabbage Palms (Equals 5 Trees) & 6 Live Oak Trees)	55 TREES	**55 TREES*****
Interior Landscaping for Vehicular Use Areas (50,074 SF)		
For Lots Greater than 50' wide: 25% of Total sf of Paved VUA shall be used for Landscaping:	12,518.50	**42,165.2 SF**
1 Tree/Required Parking Island: (11 islands)	11 TREES	**11 TREES**
Each Island shall contain 190 sf Min. of Pervious Area		**Complies**
Open Space:		
1 Tree/1000 sf of Pervious Area in Addition to Parking Areas: (47,628 sf/1000)	48 TREES	**48 TREES**
TOTALS	137 TREES 547 SHRUBS	**137TREES** **1057SHRUBS**
Minimum Tree Sizes:		
Trees: 8 1/2' height, 2" dbh		
Palms: 6' clear wood (50% Max.of code requirements); 3:1		
Minimum 8 Species Required/9 Species Provided	native/required	**native/provided**
Native: 60% Trees	83/137TREES	**113/137 TREES** **82.48%**
50% Shrubs	274/547 SHRUBS	**757/1057 SHRUBS** **71.62%**
Drought Tolerant: 80% for all Materials per Ordinance 0-2011-06 Mandatory Green Building Practices	**TREES** **SHRUBS**	**100.0%** **87.4%**

Provided Landscape Meets All Applicable City of Hollywood Codes and Port 95 Design Guidelines

LANDSCAPE NOTES:

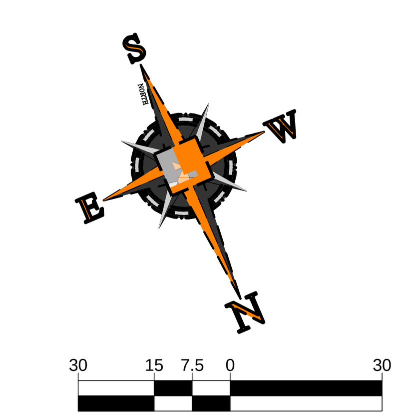
1. Contractor responsible for locating and protecting all underground utilities prior to digging.
2. Contractor responsible for protecting existing trees from damage during construction as shown on plans.
3. General Contractor to install 6" minimum depth of clean, friable topsoil at all planting beds and lawn areas prior to fine grading. See Topsoil specification Sheet CFG08.3.
4. All shrub beds (existing and new) to be mulched with a 4-inch minimum layer of hardwood mulch (brown) as defined in the landscape specifications on Sheet CFG08.3.
5. Existing grass in proposed planting areas to be killed and removed and area to be hand raked to remove all rocks and debris larger than 1 inch in diameter prior to planting shrubs or laying sod. Landscape contractor to provide fine grading. See grading specification SheetCFG08.3.
6. Any existing grass disturbed during construction to be fully removed, re-graded and replaced. All tire marks and indentions to be repaired. No exceptions.
7. Soil to be tested to determine fertilizer and lime requirements and distributed prior to laying sod as directed by L.A. Provide results to L.A. and Cumberland Farms Project Manager.
8. Sod to be delivered fresh (Cut less than 24 hours prior to arriving on site), laid immediately, rolled, and watered thoroughly immediately after planting. Edge of sod adjacent to mulch beds to be shovel cut. All sod to be delivered in largest rolls available. There shall be no gaps between sod joints.
9. All changes to design or plant substitutions are to be authorized in writing by the Landscape Architect, City of Hollywood Landscape Architect, and Cumberland Farms Construction Project Manager.
10. Planting Mix to be provided as specified in the landscape specifications Sheet CFG08.3.
11. All landscaping shall be installed in conformance with ANSI Z60.1 the "American Standard for Nursery Stock" and the accepted standards of the American Association of Nurserymen.
12. The Landscape Contractor shall guarantee all plants installed for one full year from date of acceptance. All plants shall be alive and at a vigorous rate of growth at the end of the guarantee period. The Landscape Contractor shall not be responsible for acts of God or vandalism.
13. Any plant that is determined dead, in an unhealthy or unsightly condition, lost its shape due to dead branches or other symptoms of poor, non-vigorous growth, as determined by the Landscape Architect, shall be replaced by the Landscape Contractor at no cost to Cumberland Farms.
14. General Contractor to mound all parking islands 6" - 10" with clean-screened topsoil.
15. Prior to installation, the Landscape Contractor shall inspect the subgrade, general site conditions, verify elevations, utility locations, irrigation, approve topsoil provided by General Contractor and observe the site conditions under which the work is to be done. Notify General Contractor of any unsatisfactory conditions, and work shall not proceed until such conditions have been corrected and are acceptable to the Landscape Architect, Landscape Contractor and Cumberland Farms Construction Manager.
16. Stake all evergreen and deciduous trees.
17. Remove all stakes and guying from all trees after one year from planting.
18. Water all plant material that are newly planted thoroughly twice in first 24 hours and apply mulch immediately.
19. Site to be 100% irrigated in all planting beds and grass area by an automatic underground irrigation system. See Irrigation Plan Sheets CFG08.4 thru CFG08.6.
20. All tree protection devices to be installed by General Contractor prior to the start of land disturbance, and maintained until final landscaping.
21. All tree protection areas to be protected from sedimentation.
22. All tree protection fencing to be inspected daily, and repaired or replaced as needed or as instructed by L.A.
23. Landscape Contractor shall provide a 1year maintenance period under separate contract following acceptance by the Landscape Architect and Cumberland Farms Construction Manager. Maintenance contract to be assigned through Cumberland Farms maintenance Department.

NOTE: ALL LANDSCAPE AREAS SHALL BE IRRIGATED AND SHALL HAVE 100% COVERAGE WITH A MINIMUM 50% OVERLAP.

PLEASE REFER TO SHEET CFG08.2 FOR LANDSCAPE PLANTING DETAILS, AND SHEET CFG08.3 FOR LANDSCAPE GENERAL NOTES.

NOTE: NO PLANT MATERIAL SHLL BE PLANTED OVER ROOT BALLS OF NEW TREES AND PALMS.

NOTE: THERE SHALL BE NO PLANT MATERIAL SUBSTITUTIONS WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT AND THE CITY OF HOLLYWOOD'S LANDSCAPE REVIEWER.



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4950 W. KENNEDY BLVD. SUITE 600 TAMPA, FL 33609 P: 813-379-4100
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PROJECT No.: F160XXX
DRAWN BY: JFV
CHECKED BY: ROT
DATE: 05-12-16
CAD I.D.: F160039 LANDSCAPE PLAN

PROJECT:

STATE RD 84 & SW 30 TH AVENUE

FOR

CUMBERLAND FARMS

HOLLYWOOD FLORIDA

THOMAS ENGINEERING GROUP
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1000 CORPORATE DRIVE, SUITE 250
FORT LAUDERDALE, FL 33334
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MICHAEL D. GROSSWIRTH
REGISTERED LANDSCAPE ARCHITECT
October 2, 2017
FLORIDA LICENSE No. LA6666871
FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:

LANDSCAPE PLAN

SHEET NUMBER:

CFG08.0

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MICHAEL D. GROSSWIRTH, LA6666871 ON 2017-10-02

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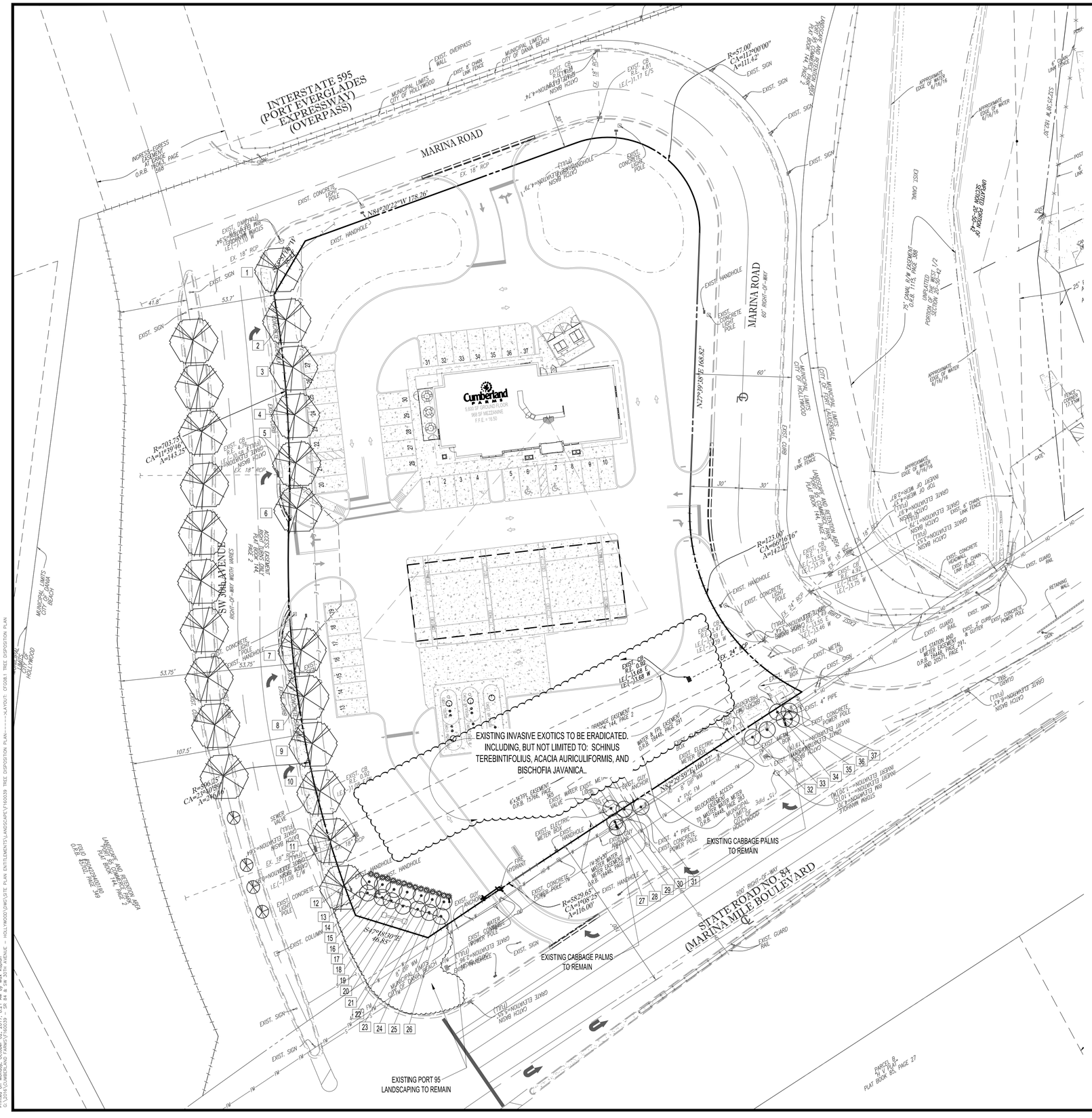
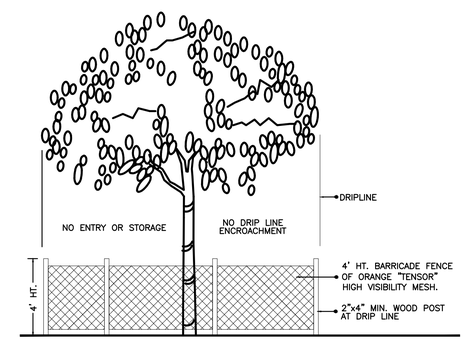
G:\2016\CUMBERLAND FARMS\F160039 - SR 84 & SW 30TH AVENUE - HOLLYWOOD\DWG\SITE PLAN ENTITLEMENTS\LANDSCAPE\F160039 LANDSCAPE PLAN---->LAYOUT: CFG08.0 LANDSCAPE PLAN



EXISTING TREE DISPOSITION CHART

CUMBERLAND FARMS - HOLLYWOOD, FL

TREE NO.	BOTANICAL NAME	COMMON NAME	HT	SPR	DBH	CONDITION	DISPOSITION	COMMENTS
1	Quercus virginiana	Live Oak	30'	30'	16	80%	REMAIN	Street Tree
2	Quercus virginiana	Live Oak	30'	30'	16	80%	REMAIN	Street Tree
3	Quercus virginiana	Live Oak	30'	30'	20	80%	REMAIN	Street Tree
4	Quercus virginiana	Live Oak	30'	30'	16	80%	REMAIN	Street Tree
5	Quercus virginiana	Live Oak	30'	30'	16	80%	REMAIN	Street Tree
6	Quercus virginiana	Live Oak	30'	30'	20	80%	REMAIN	Street Tree
7	Quercus virginiana	Live Oak	30'	30'	20	80%	REMAIN	Street Tree
8	Quercus virginiana	Live Oak	30'	30'	16	80%	REMAIN	Street Tree
9	Quercus virginiana	Live Oak	30'	30'	18	80%	REMAIN	Street Tree
10	Quercus virginiana	Live Oak	30'	30'	20	80%	REMAIN	Street Tree
11	Quercus virginiana	Live Oak	30'	30'	18	80%	REMAIN	Street Tree
12	Quercus virginiana	Live Oak	30'	30'	18	80%	REMAIN	Street Tree
13	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	Port 95 Entry Feature
14	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	Port 95 Entry Feature
15	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	Port 95 Entry Feature
16	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	Port 95 Entry Feature
17	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	Port 95 Entry Feature
18	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	Port 95 Entry Feature
19	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	Port 95 Entry Feature
20	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	Port 95 Entry Feature
21	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	Port 95 Entry Feature
22	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	Port 95 Entry Feature
23	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	Port 95 Entry Feature
24	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	Port 95 Entry Feature
25	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	Port 95 Entry Feature
26	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	Port 95 Entry Feature
27	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	
28	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	
29	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	
30	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	
31	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	
32	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	
33	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	
34	Sabal palmetto	Cabbage Palm	10'ct	10'	12	75%	REMAIN	
35	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	
36	Sabal palmetto	Cabbage Palm	12'ct	10'	14	75%	REMAIN	
37	Sabal palmetto	Cabbage Palm	15'ct	10'	14	75%	REMAIN	



TREE PRESERVATION BARRICADE FENCING DETAIL

N.T.S.

GENERAL NOTES:

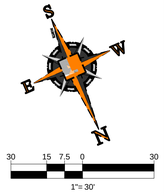
1. Contractor is responsible for determining all utility locations and installing facilities so as to not conflict. All damage to existing utilities or improvements caused by Contractor shall be repaired at no additional cost to the Owner.

2. Contractor to notify "Sunshine State One Call of Florida, Inc." at 1-800-432-4770 Two Full Business Days prior to digging for underground utility locations.

3. Contractor shall be responsible for providing final grading of all associated planting areas.

4. After final grade, area to be raked to 6" depth and all rock and foreign inorganic materials removed and disposed of properly off-site.

5. Tree protection barricades shall be provided by Landscape Contractor around existing trees that may be impacted by the proposed construction. Prior to any construction a tree protection barricade inspection shall be conducted by the landscape architect, owner or governing municipality. Refer to landscape detail for tree preservation barricade fencing.



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PROJECT No.: F160XXX
DRAWN BY: JFV
CHECKED BY: ROT
DATE: 05-12-16
CAD I.D.: F160039 TREE DISPOSITION PLAN

PROJECT:

STATE RD 84 & SW 30 TH AVENUE

FOR

CUMBERLAND FARMS

HOLLYWOOD
FLORIDA

THOMAS ENGINEERING GROUP

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MICHAEL D. GROSSWIRTH
LA 6666871
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SHEET NUMBER:

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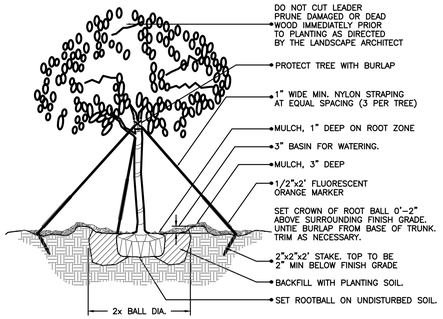
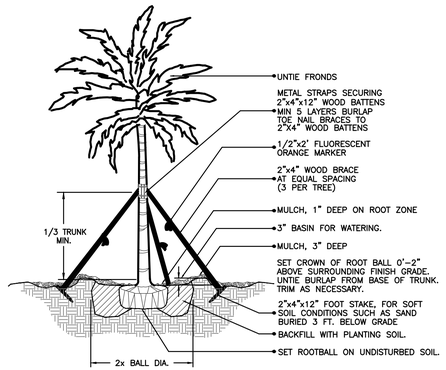


(2" cal. and over) LARGE TREE PLANTING DETAIL

N.T.S.



LARGE PALM PLANTING DETAIL

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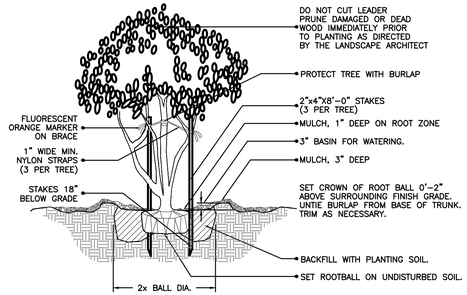

MULTI- TRUNK AND SMALL TREE (2" cal. and under) PLANTING DETAIL

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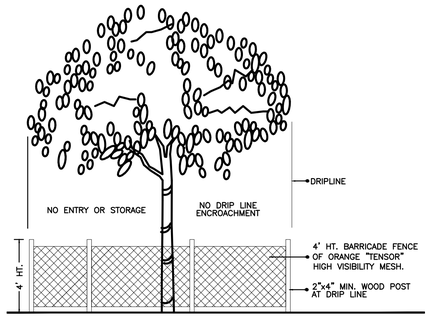
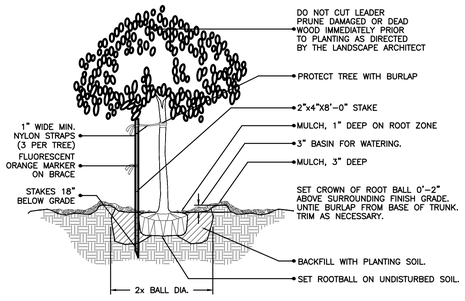


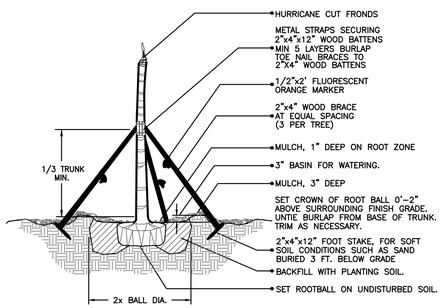
TREE PRESERVATION BARRICADE FENCING DETAIL

N.T.S.



(2" cal. and under) SMALL TREE PLANTING DETAIL

N.T.S.



CIGARED SABAL PALM PLANTING DETAIL

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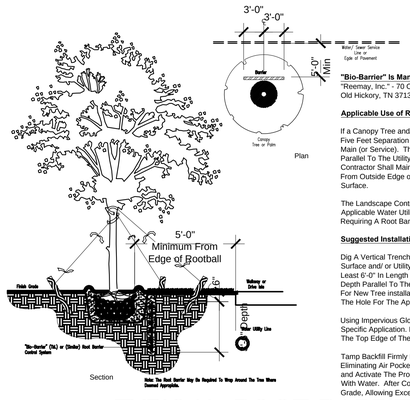


"Bio-Barrier" Is Manufactured By:
"Reemay, Inc." - 70 Old Hickory Blvd. - P.O.Box 511
Old Hickory, TN 37138 - Phone: 1-800-25-ROOTS

Applicable Use of Root Barriers:

If a Canopy Tree and/ or Palm Is To Be Installed Within Less Than (5) Five Feet Separation From A Water Main (or Service) and/ or Sewer Main (or Service). The Landscape Contractor Shall Install a Root Barrier Parallel To The Utility As Required and as per This Detail. The Contractor Shall Maintain A (5) Five Feet Minimum Horizontal Distance From Outside Edge of Rootball To The Utility or any Paved or Concrete Surface.

The Landscape Contractor Shall Verify The Existing Locations of The Applicable Water Utilities, In The Field, Prior To Any Tree Installations Requiring A Root Barrier.

Suggested Installation Method:

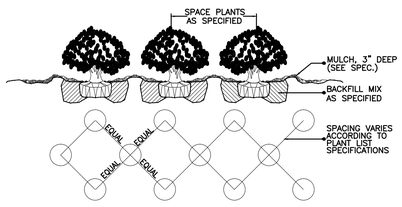
Dig A Vertical Trench Between The Root Source of The Tree and The Surface and/ or Utility Line To Be Protected. The Trench Must Be At Least 6'-0" In Length (Centered On Tree) and Must Be at Least 4'-0" In Depth Parallel To The Applicable Surface, Service and/ or Utility. Note: For New Tree installations, Trench May Be Dug At The Same Time as The Hole For The Applicable Tree and/ or Palm.

Using Impervious Gloves, Roll Out "Bio-Barrier" and Trim To Fit The Specific Application. Insert The Barrier Vertically Into The Trench, With The Top Edge of The Barrier (6") Six Inches Below The Soil Surface.

Tamp Backfill Firmly Into Trench With 'Bio-Barrier" Contained, Eliminating Air Pockets or Soil Voids Accordingly. Dissolve The Coating and Activate The Product By Saturating The Backfill and "Bio-Barrier" With Water. After Completed, Smooth The Soil Surface To Finish Grade, Allowing Excess Material For Soil Setting.

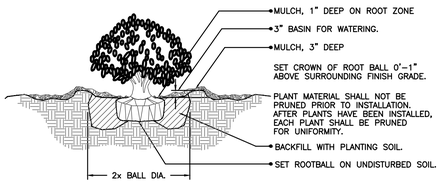
TYPICAL ROOT BARRIER APPLICATION DETAIL

N.T.S.



SHRUB / GROUNDCOVER SPACING / PLANTING DETAIL

N.T.S.



SHRUB PLANTING DETAIL

N.T.S.

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FOR

CUMBERLAND FARMS

HOLLYWOOD
FLORIDA

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C:\2016\CUMBERLAND FARMS\F160039 - SR 84 & SW 30TH AVENUE - HOLLYWOOD\DWG\SITE PLAN ENTITLEMENTS\LANDSCAPE\F160039 LANDSCAPE PLAN------LAYOUT: CFG08.2 LANDSCAPE DETAILS

LANDSCAPE GENERAL NOTES

A. SCOPE OF WORK

1. THE WORK CONSISTS OF FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED.

2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL PLANTING AREAS OF THIS CONTRACT UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

1. ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, AND OTHER ITEMS OF CONSTRUCTION AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THIS CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER.

C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS, EXISTING OR OTHERWISE, CAUSED BY CARELESS OPERATION OF EQUIPMENT, STOCKPILING OF MATERIALS, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP—LINE OR THE SPILLING OF OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP—LINE.

2. NO MATERIALS SHALL BE BURNED WHERE THE HEAT WILL DAMAGE ANY PLANT. TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS ($100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY PERCENT (20%) PER INCH OVER FOUR INCHES (4") CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES, OR AS MAY BE REQUIRED BY THE REGULATING GOVERNMENT AGENCY, WHICHEVER IS GREATER. CALIPER SHALL BE MEASURED AT BREAST HEIGHT OR FOUR FEET (4') ABOVE SURROUNDING GROUND.

D. MATERIALS

1. SUBMITTALS: GENERAL SAMPLES OF PLANTING MATERIALS AS LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON THE SITE OR AS OTHERWISE DETERMINED BY THE OWNER. UPON APPROVAL OF SAMPLES, DELIVERY OF MATERIALS MAY BEGIN.
MATERIALS SAMPLE SUBMITTALS
MULCH ONE (1) CUBIC FOOT
TOPSOIL ONE (1) CUBIC FOOT
PLANTS ONE (1) REPRESENTATIVE SAMPLE OF EACH VARIETY

2. PLANT MATERIALS
a) GENERAL: PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON 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 AND II, LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA NO. 1 AS AN ABSOLUTE MINIMUM UNLESS OTHERWISE SUPERCEDED BY A FLORIDA FANCY DESIGNATION, AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. ALL PLANTS SHALL BE FRESHLY DUG, SOUND. HEALTHY, VIGOROUS, WELL—BRANCHED AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE, AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE OWNER.

b) MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE TOP OF ROOTBALL (TRUNK FLARE) AND/OR ACROSS THE AVERAGE SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.

c) INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY; SUCH PRELIMINARY APPROVAL SHALL NOT SUPERCEDE THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF BALLS OR ROOTS, LATENT DEFECTS OR INJURIES, PRESENCE OF INSECTS, AND OTHER CONDITIONS THAT MAY HAVE OCCURRED SINCE THE NURSERY INSPECTION. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

d) AMENDED PLANTING SOIL: PLANTING SOIL FOR USE IN BACK FILLING PLANTING HOLES SHALL BE FORTY PERCENT (40%) TOPSOIL AND SIXTY PERCENT (60%) SAND AND BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER, WITHOUT MIXTURE OF SUBSOIL MATERIALS, AND OBTAINED FROM A WELL—DRAINED, ARABLE SITE. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND SHALL BE FREE FROM HEAVY CLAY, COARSE SAND, STONES, LIME, LUMPS, PLANTS, ROOTS OR OTHER FOREIGN MATERIALS, OR NOXIOUS WEEDS. IT SHALL NOT CONTAIN TOXIC SUBSTANCES WHICH MAY BE HARMFUL TO PLANT GROWTH. PH RANGE SHALL BE 5.0 TO 7.0 INCLUSIVE.

e) SAND SHALL BE CLEAN, WELL DRAINING NATIVE SAND. IF REQUESTED, CONTRACTOR SHALL AT ANY TIME AND AT NO COST TO OWNER SUBMIT RESULTS OF SOIL TESTS FOR TOPSOIL AND SAND PROPOSED FOR USE UNDER THIS CONTRACT FOR APPROVAL BY OWNER.

E. WATER

1. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE GROWTH OF PLANTS AND SHALL NOT CONTAIN HARMFUL NATURAL OR MAN—MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SUCH SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

F. COMMERCIAL FERTILIZER

1. COMMERCIAL FERTILIZER SHALL BE A COMPLETE FORMULA; IT SHALL BE UNIFORM IN COMPOSITION, DRY AND FREE FLOWING. THIS FERTILIZER SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED CONTAINERS, EACH BEARING THE MANUFACTURER'S GUARANTEED STATEMENT OF ANALYSIS.

FIFTY PERCENT (50%) OF THE NITROGEN SHALL BE DELIVERED FROM NATURAL ORGANIC SOURCES. THE FOLLOWING FERTILIZERS SHALL BE USED AND APPLIED AT RATES AS SUGGESTED BY MANUFACTURER'S SPECIFICATIONS:

1. SHRUBS AND TREES — MILORGANITE, OR APPROVED EQUAL
2. ANNUALS AND GROUNDCOVERS — OSMOCOTE/SIERRA BLEND 14—14—14
3. SOD — 8—8—8

IN ADDITION TO SURFACE APPLIED FERTILIZERS, ALL CONTAINER GROWN AND FIELD GROWN PLANT MATERIAL SHALL RECEIVE "AGRIFORM" PLANTING TABLETS 24—10—5 FORMULA, 21 GRAM OR EQUAL. THESE TABLETS SHALL BE PLACED AT THE RATE AND DEPTH SPECIFIED BY MANUFACTURER.

G. MULCH

1. MULCH SHALL BE FROM SHREDDED WOOD DERIVED FROM MELALEUCA OR OTHER INVASIVE TREE SPECIES AND SHALL BE STERILIZED TO EFFECTIVELY ELIMINATE ALL SEEDS, SPORES, ETC. AND RENDER THEM BARREN.

2. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE INCHES (3").

3. MULCH SHALL BE GRADE 'B' SHREDDED, AND SHALL BE APPLIED EVENLY AND SMOOTH TO PLANTED AREAS.

4. NO RED OR COLORED MULCH SHALL BE ACCEPTED UNLESS SPECIFIED ACCORDINGLY. NO CYPRESS MULCH SHALL BE USED.

H. DIGGING AND HANDLING

1. PROTECT ROOT SYSTEMS OR ROOTBALLS OF PLANTS AT ALL TIMES FROM SUN AND DRYING WINDS, WATER EROSION, AND OTHER HARMFUL CRITERIA AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT BREAKING AND DRYING OUT DURING LOADING, TRANSIT, AND UNLOADING/PLANTING. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTPRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.

2, BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS, AND IN ACCORDANCE WITH "GRADES AND STANDARDS FOR NURSERY PLANTS" FLORIDA PUBLICATION. NO PLANT WITH A ROOTBALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED AND BURLAPPED OR CONTAINER GROWN SHALL NOT BE HANDLED BY STEMS.

3. PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS. THE ROOTS SHALL NOT BE CUT WITHIN THE MINIMUM SPREAD SPECIFIED IN THE PLANT LIST. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT IN MOVING AND PRIOR TO PLANTING.

4. PROTECTION OF PALMS (IF APPLICABLE): ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS BY "GRADES AND STANDARDS FOR NURSERY PLANTS" FLORIDA PUBLICATION. PRUNING PRACTICED OTHER THAN MINIMAL PRUNING OF FRONDS, PRIMARILY TO REACH A "CLEAR TRUNK" SPECIFICATION, MAY CONSTITUTE REJECTION, OR ALL PALMS SUBJECTED TO SUCH PRACTICE. LIKEWISE EXCESSIVE PRUNING OR "SHAVING" OF ROOTBALLS TO MEET "CLEAR TRUNK" CRITERIA MAY CONSTITUTE REJECTION ONSITE. ALL PALMS SHALL BE BRACED PER PALM PLANTING DETAIL ON THE PLANTING DETAILS SHEET.

5. EXCAVATION OF PLANTING HOLES SHALL BE DONE USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS, AND PREPARED SUB—BASES.

I. CONTAINER GROWN STOCK

1. 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 WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION, AND SHALL MEET MINIMUM SPECIFICATIONS IN THE PLANT LIST.

2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG 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. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.

3, PLANT ROOTS BOUND IN CONTAINERS SHALL NOT BE ACCEPTABLE.

4. SUBSTITUTION OF NON—CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE CONTAINER GROWN WILL NEED AUTHORIZATION FROM THE OWNER.

J. COLLECTED STOCK

1. WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED ON THE PLANT LIST SCHEDULE, THE MINIMUM SIZES OF ROOT BALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY.

K. NATIVE STOCK

1. PLANTS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED GROWN WHEN THEY HAVE BEEN SUCCESSFULLY REESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

L. MATERIALS LIST

1. QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN A BIDDER'S TAKE OFF AND THE PLANT LIST QUANTITY, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO THE SUBMISSION OF BIDS. DRAWING SHALL TAKE PRECEDENCE. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE.

M. FINE GRADING

1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR, UNLESS OTHERWISE NOTED.

2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. THIS CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT—END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.

3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.

N. PLANTING PROCEDURES

1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN UP WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE COMPLETELY REMOVED FROM THE SITE. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY AFFECT THAT VIABILITY OF THE PLANTS TO BE INSTALLED, HE/SHE SHALL IMMEDIA CALL IT TO THE ATTENTION OF THE OWNER'S CONSTRUCTION MANAGER OR DESIGNEE.

2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES. INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORM WATER LINES, CABLE AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES.

3. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB—BASE FROM ALL LANDSCAPE PLANTING AREAS TO MINIMUM DEPTH OF APPROXIMATELY 20% GREATER THAN RECOMMENDED PLANTING SOIL DEPTH. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ONSITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY CONTRACTOR, AND POSITIVE DRAINAGE CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT ADDRESSES POOR DRAINAGE OR CONTACT OWNER'S CONSTRUCTION MANAGER OR DESIGNEE FOR RESOLUTION.

4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND REQUIRED. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.

5. GENERAL: COMPLY WITH FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. PLANTS SHALL BE PROTECTED UPON ARRIVAL AT THE SITE BY BEING THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS SHALL NOT REMAIN UNPROTECTED FOR A PERIOD EXCEEDING TWENTY—FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.

6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE THE PLANTING WITH THE IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION ITEMS AND PLANTS.

7. ALL PLANTING HOLES SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD TO NURSERY STOCK Z60.1 UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACKFILLED WITH THE PREPARED PLANTING SOIL AS SPECIFIED HEREIN BEFORE (SEE MATERIALS, SECTION D). TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. IF POOR DRAINAGE EXISTS, UTILIZE PLANTING DETAIL THAT ADDRESSES THIS CONDITION. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURE AND UNDER THE SUPERVISION OF A QUALIFIED PLANTING FOREMAN. PROPER "JETTING IN" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STICK" OR EQUAL IS RECOMMENDED.

8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS, CURBS, PAVING, AND OTHER HARDSCAPE MATERIALS WHILE INSTALLING TREES.

9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION D (MATERIALS) OF THESE SPECIFICATIONS. IN ADDITION, EACH PLANTING HOLE SHALL RECEIVE 21—GRAM "AGRIFORM" PLANTING TABLETS PER MANUFACTURER'S SPECIFICATIONS OR AS FOLLOWS:
— TWO (2) TABLETS PER 1 GAL. PLANT
— THREE (3) TABLETS PER 3 GAL. PLANT
— FOUR (4) TABLETS PER 10 GAL. PLANT
LARGER MATERIAL
— TWO (2) TABLETS PER HALF INCH (1/2") OF TRUNK CALIPER

10. TREES AND SHRUBS SHALL BE SET STRAIGHT AND AT SUCH A LEVEL THAT AFTER SETTLEMENT, THE TOP OF THE ROOT SYSTEM (FOR SHRUBS AND GROUNDCOVER) OR TRUNK FLARE (TREES AND PALMS) WILL STAND ONE (1) TO TWO (2) INCHES ABOVE FINAL GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PLANTING HOLE. PLANTING SOIL MIXTURE SHALL BE BACKFILLED AND THOROUGHLY TAMPED AROUND THE BALL AND SHALL BE SETTLED BY WATER AFTER TAMPING.

11. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, TURNING SOIL IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET OR OTHER TAMPING DEVICE. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE, ONLY WITH MULCH. ALL BURLAP, ROPE, WIRES, ETC., SHALL BE PULLED FROM UNDERNEATH.

12. PRUNING: FOR DAMAGED OR BROKEN LIMBS, EACH TREE SHALL BE PRUNED TO PRESERVE THE NATURAL CHARACTER OF THE SPECIES. ALL SUCKER GROWTH SHALL BE COMPLETELY REMOVED PRIOR TO DIGGING.

13. SHRUBS AND GROUNDCOVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED IN THE PLANT LIST. CULTIVATE ALL MASS PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSED ALL DEBRIS, TILL 4" OF PLANTING SOIL MIX INTO THE NEWLY TILLED PLANTING BED FOR GENERAL NUTRIENT DISBURSEMENT. MASS PLANTING BED IS NOW READY TO RECEIVE HOLES FOR NEW PLANTS. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.

14. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE LANDSCAPE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. TREES SHALL USE ARBORTIE AS PER DETAIL SHEET. PALMS SHALL USE WOOD BRACING PER DETAIL SHEET.

15. MULCHING: PROVIDE A THREE INCH (3") MINIMUM LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUNOCOVER AND VINE BED AND TREE PIT (FOR TREES AND PALMS, MIN. THREE INCH (3") FROM EDGE OF TRUNKS). – UNLESS OTHER REQUIRED BY LOCAL CODES AND SPECIFIED AS SUCH.

16. SYSTEMIC HERBICIDE WEED CONTROL ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER OR THEIR DESIGNEE, A SYSTEMIC HERBICIDE SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. AFTER MULCH HAS BEEN APPLIED TO PLANTING BEDS AND TREE RINGS, TREAT ALL MULCHED AREAS WITH AN APPROVED PRE—EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER.

0. LAWN SODDING

STENOTAPHRUM SECUNDATUM, V. 'FLORITAM' UNLESS OTHERWISE NOTED. (ST. AUGUSTINE SOLID SOD).
1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING:
COMPLETE IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A GRASS LAWN ACCEPTABLE TO THE OWNER AND GOVERNING AGENCIES.
2. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS, AND THE SOIL BROUGHT TO AN EVEN PREPARED GRADE TO ALLOW FOR SOIL PREPARATION BELOW.

3. SOIL PREPARATION: PREPARE LOOSE BED FOUR INCHES (4") DEEP. APPLY FERTILIZER AT A RATE OF TWENTY (20) POUNDS PER ONE THOUSAND (1000) SQUARE FEET. APPLICATION SHALL BE UNIFORM, UTILIZING COMMERCIAL BROADCAST SPREADERS. MIX FERTILIZER THOROUGHLY WITH THE SOIL TO A DEPTH OF THREE INCHES (3"). HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY TO PREPARE FOR SOD INSTALLATION.

4. SODDING: THE CONTRACTOR SHALL SOD ALL PERVIOUS AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS TO CREATE A UNIFORM, NEW TURF BLANKET FOR THE SITE.

a) THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETY TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS, AND DISEASE OF ANY KIND, SOD PANELS SHALL BE LAID TIGHTLY TOGETHER TO MAKE A SOLID, SODDED LAWN AREA.

b) SOD SHALL BE LAID IN ROWS. WITH EVERY OTHER ROW STAGGERED HALFWAY BETWEEN THE NEXT TO INSURE NO CONTINUOUS STACKED JOINTS. SEW JOINTS OF SOD TO INSURE A TIGHT FIT AT JOINTS.

c) SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A FOUR INCH (4") MULCH STRIP SHALL BE PROVIDED. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED TO THOROUGHLY MOISTEN THE SOIL BENEATH. IF, IN THE OPINION OF THE OWNER, TOP—DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND AS APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN.

5. DURING DELIVERY, PRIOR TO AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE INSTALLED DURING THE DAY OF ITS ARRIVAL.

6. LAWN MAINTENANCE:

a) WITHIN THE SITE, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE—SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS UNTIL CERTIFICATION OF ACCEPTABILITY BY OWNER OR AS IN THE ORIGINAL WORK SCOPE AND PROCESS (INCLUDING REGRADING. IF NECESSARY).

b) WATER EVERY DAY FOR FOURTEEN (14) SUCCESSIVE DAYS, THEN WATER THREE (3) TIMES PER WEEK (AT EVEN INTERVALS) UNTIL FULLY ESTABLISHED OR UNTIL AUTOMATIC IRRIGATION SYSTEM IS FULLY OPERATIONAL AND PROGRAMMED ACCORDINGLY. COORDINATE WATERING SCHEDULE WITH NATURAL RAINFALL . RAINFALL EVENTS IN DURATION OF TWENTY (20) MINUTES OR MORE THAT PRODUCE MORE THAN A HALF INCH (1/2") OF PRECIPITATION WILL NEGATE THE NEED FOR WATERING THE FOLLOWING DAY IF PREVIOUSLY SCHEDULED. ALL WATERING SHALL BE OF SUFFICIENT QUANTITY TO WET OR RESTORE WATER TO A DEPTH OF FOUR INCHES (4").

P. CLEANUP

1. UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

Q. PLANT MATERIAL MAINTENANCE

1. ALL PLANTS AND PLANTING MATERIALS INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE—STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER OR OWNER'S DESIGNEE. MAINTENANCE AFTER THE CERTIFICATION OF ACCEPTABILITY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN THIS SECTION. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE TO COVER LANDSCAPE AND IRRIGATION MAINTENANCE FOR A PERIOD OF NINETY (90) CALENDAR DAYS COMMENCING AFTER ACCEPTANCE (SEE NEXT SECTION).

R. MAINTENANCE (ALTERNATE BID ITEM)

1. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE FOR LANDSCAPE AND IRRIGATION MAINTENANCE FOLLOWING THE INITIAL 90—DAY MAINTENANCE PERIOD ON A COST PER MONTH BASIS.

S. GUARANTEE

1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED BY THE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER OR OWNER'S DESIGNEE.

2. THE LIFE AND SATISFACTORY CONDITION OF ALL SOD INSTALLED BY THE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A MINIMUM OF NINETY (90) CALENDAR DAYS, COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNERS OR OWNER'S DESIGNEE.

3. REPLACEMENT: ANY PLANT NOT IN A HEALTHY, THRIVING GROWING CONDITION SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. SHOULD THE OWNER ELECT, TREES AND PALMS MAY BE GIVEN A PERIOD OF NINETY (90) DAYS BEFORE REMOVAL TO ALLOW THE CONTRACTOR TO RESURRECT THE TREE OR PALM IN QUESTION AND BRING IT TO A THRIVING, HEALTHY CONDITION. ALL REPLACEMENTS SHALL BE PLANTS OF LIKE KIND, CONDITION AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED, PLANTED. AND MULCHED AS SPECIFIED WITHIN THESE SPECIFICATIONS, AT NO ADDITIONAL COST TO THE OWNER. ANY REPAIRS FROM THIS REPLACEMENT MATERIAL SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY. REPLACEMENT MATERIAL SHALL BE GUARANTEED TO A ONE (1) YEAR PERIOD FROM THE DAY OF REPLACEMENT ACCEPTANCE BY THE OWNER. SHOULD REPLACEMENT MATERIAL FAIL WITHIN THE GUARANTEE PERIOD, OWNER MAY OPT FOR A CREDIT OF THE MONETARY AMOUNT FOR THE REPLACEMENT MATERIALS, AT A RATE OF THE ORIGINAL CONTRACT BID RATE, IN LIEU OF AN ADDITIONAL REPLACEMENT.

4. IN THE EVENT THE OWNER ELECTS NOT TO CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE (AND IRRIGATION) MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER OR THEIR DESIGNEE, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH OF ITEMS UNDER REPLACEMENT WARRANTY. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

T. FINAL INSPECTION AND ACCEPTANCE OF WORK

1. FINAL INSPECTION BY OWNER OR THEIR DESIGNEE AT THE END OF THE GUARANTEE PERIOD SHALL INCLUDE PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY PLANTS NOT MEETING THE CRITERIA OF HEALTHY, VIGOROUS, AND THRIVING AT THIS TIME, AND THAT HAVE NOT ALREADY BEEN REPLACED PREVIOUSLY UNDER SAID WARRANTY, SHALL BE SUBJECT TO THE SAME ONE (1) YEAR GUARANTEE (OR AS SPECIFIED BY THE OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

U. GRADING & DRAINAGE NOTES

1. PRIOR TO COMMENCING ANY EXCAVATION WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE "DIG SAFE" NOTIFICATION PROCEDURES PROMOTED BY THE RESPECTIVE UTILITY COMPANIES IN FLORIDA, CALL FLORIDA SUNSHINE AT 811.

2. CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING , PROVIDING VERTICAL CURVES OR ROUNDINGS AT ALL TOP AND BOTTOM OF SLOPES.

3. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM SLOPE OF ONE—EIGHTH INCH (1/8") PER FOOT. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE OWNER PRIOR TO CONTINUING WORK.

4, WHERE NEW PAVING OR EARTHWORK MEETS EXISTING PAVING OR EARTHWORK, SMOOTHLY BLEND LINE AND GRADE OF EXISTING WITH NEW, WHERE EXISTING VEGETATION IS TO REMAIN, MEET EXISTING GRADES; DO NOT FILL ABOVE BASAL FLARE OF EXISTING TREES.

V. UTILITY PLAN NOTES

1. CONTRACTOR SHALL INSTALL SCHEDULE 40 PVC CONDUIT (SLEEVES) FOR ALL IRRIGATION PIPING UNDER ALL PAVEMENT AREAS TO CONNECT ALL LANDSCAPE AREAS.

W. SITE PREPARATION

1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL MEET THE OWNER AND IDENTIFY TREES AND SHRUBS WHICH ARE TO BE PROTECTED AS WELL AS THOSE WHICH ARE TO BE REMOVED. DO NO CLEARING WITHOUT A CLEAR UNDERSTANDING OF EXISTING CONDITIONS TO BE PRESERVED.

2. TREES AND SHRUBS TO REMAIN SHALL BE PROTECTED BY THE INSTALLATION OF FENCING AT THE DRIP LINE OR AS DIRECTED BY THE OWNER (SEE LANDSCAPE DETAIL SHEET). PROTECTIVE FENCING SHALL BE INSTALLED PRIOR TO CONSTRUCTION, PROTECTIVE FENCING SHALL BE SUFFICIENT TO PREVENT CONSTRUCTION EQUIPMENT FROM COMPACTING SOIL AT THE ROOT ZONE AND DAMAGING TRUNKS AND BRANCHES.

3. IF, IN ORDER TO PERFORM EXCAVATION WORK, IT SHOULD BECOME NECESSARY TO CUT ROOTS OF PLANTS TO BE SAVED, SUCH ROOTS SHOULD BE CUT NEATLY WITH A SMOOTH CLEAN CUT BY A SHARP SAW, COVERED WITH BURLAP, AND KEPT MOIST UNTIL ROOTS ARE BACK FILLED. TEARS OR JAGGED CUTS TO ROOTS ARE UNACCEPTABLE.

4. TREE AND SHRUB REMOVAL SHALL INCLUDE THE FILLING, CUTTING, GRUBBING OUT OF ENTIRE ROOT SYSTEMS AND SATISFACTORY OFF—SITE DISPOSAL OF ALL TREES, SHRUBS, STUMPS, VEGETATIVE AND EXTRANEOUS DEBRIS PRODUCED BY THE REMOVAL OPERATIONS.

5. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE INSIDE AND OUTSIDE THE LIMITS OF CONSTRUCTION DUE TO HIS CONTRACT OPERATIONS.

6. ALL REFUSE, DEBRIS, UNSUITABLE MATERIALS AND MISCELLANEOUS MATERIALS TO BE REMOVED SHALL BE LEGALLY DISPOSED OF OFF—SITE BY CONTRACTOR.

7. ALL INVASIVE EXOTIC VEGETATION SHALL BE DISPOSED OF OR TREATED AS PER THE LOCAL OR REGIONAL GOVERNING AUTHORITIES, REQUIREMENTS OR RECOMMENDATIONS.

X. ROOT CONTROL BARRIER

1. ROOT CONTROL PRODUCT SHALL BE A BIOLOGICAL BARRIER PRODUCT. PRODUCT SHALL BE 810—BARRIER ROOT CONTROL SYSTEM, AS MANUFACTURED BY BBA FIBERWEB/REEMAY, INC. AND DISTRIBUTED BY HORT ENTERPRISES, INC.
HORT ENTERPRISES, INC.
P.O. BOX 2448
POMPANO BEACH, FL 33061
1—800—966—4678

2. PRODUCT SHALL BE A BIOLOGICAL BARRIER UTILIZING LIME—RELEASE CAPSULES INTEGRATED INTO A GEOTEXTILE FABRIC. ACTIVE HERBICIDE SHALL BE TRIFLURALIN, AND MINIMUM TIME RELEASE OF EFFECTIVE PRODUCT SHALL BE 1—5 YEARS IN THE MOST ADVERSE CONDITIONS FOR SUCH A PRODUCT.

3. PRODUCT SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS FOR ROOT CONTROL SYSTEMS.

4. USE PRODUCT WHERE TREES ARE WITHIN EIGHT FEET (8') OR LESS OF HARDSCAPE SURFACES INCLUDING CURBS, SIDEWALKS, STEPS, AND ROADWAYS.

5. SPECIFY 1 9.5" WIDTH OPTION.

6. WHERE CONDITIONS REQUIRE PRODUCT AS SET FORTH IN NO. 4 ABOVE, USE PRODUCT AT LEAST TEN FEET (10') IN EITHER DIRECTION FROM THE CENTER OF TRUNK ALONG LINEAR FEATURES SUCH AS CURBS, WALKWAYS, ETC. THE INTENT OF THIS SPECIFICATION IS TO PROVIDE A ROOT CONTROL SYSTEM WHERE ROOTS WOULD LIKELY CAUSE PHYSICAL DAMAGE TO ADJACENT HARDSCAPE SURFACES, FOUNDATIONS, OR OTHER ELEMENTS THAT MAY RECEIVE DAMAGE FROM ROOT SYSTEMS OF TREES.

7. SEE WWW.BIOBARRIER.COM FOR ADDITIONAL INFORMATION AND PRODUCT SPECIFICATION.

Y. IRRIGATION

1. CONTRACTOR TO PROVIDE AN IRRIGATION DESIGN FOR BOTH LAWN AND BED AREAS. DESIGN TO BE SUBMITTED TO PROJECT LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. CONTRACTOR TO VERIFY STATIC PRESSURE PRIOR TO DESIGN. CONTRACTOR IS RESPONSIBLE FOR ANY PRESSURE REDUCING DEVICES REQUIRED TO MEET PRESSURE REQUIREMENTS. SYSTEM DESIGN TO SHOW ALL VALVES, PIPING, HEADS, BACKFLOW PREVENTION, METERS, AND CONTROLLERS. ALL SLEEVES IN PAVEMENT AREAS MUST BE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BACKFLOW PREVENTION DEVICE INSTALLATION AND PERMITTING. CONTRACTOR SHALL NOT INSTALL IRRIGATION IN RIGHT—OF—WAY UNLESS REQUIRED BY CITY. NETAFIM DRIP IRRIGATION TO BE INSTALLED IMMEDIATELY AROUND BUILDING TO PREVENT WATER SPRAY ON BUILDING, WALKS, AND WINDOWS. NETAFIM PIPING TO BE BURIED JUST BENEATH SOIL SURFACE AND COVERED INSTALLED BY AN OWNER APPROVED CONTACTOR .

2. DESIGNED SYSTEM SHALL CONSIST OF AN AUTOMATIC, UNDERGROUND IRRIGATION SYSTEM PROVIDING 100% COVERAGE WITH 100% OVERLAP, AND CONTAINING A RAIN SENSOR INSTALLED BY AN OWNER APPROVED CONTACTOR. THIS SYSTEM SHALL BE INSTALLED AND OPERATIONAL WITHIN TEN (10) DAYS OF THE INITIAL LANDSCAPE INSTALLATION.

SITE NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES IN THE SITE SURVEY TO THE OWNER PRIOR TO STARTING WORK.

GENERAL PLANTING NOTES

1. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THIS DRAWING.

2. ALL BIODEGRADABLE BURLAP SHALL BE UNTIED AND PULLED DOWN TO EXPOSE THE TOP 1/3 OF THE BALL. WIRE BASKETS AND OTHER NON—BIODEGRADABLE MATERIALS ATTACHED TO PLANTS SHALL BE REMOVED PRIOR TO PLANTING. CARE SHALL BE TAKEN NOT TO BREAK OR DISTURB ROOT BALL OF PLANTS.

3. ALL PLANTS SHALL BE WATERED BY HAND IN SUFFICIENT QUANTITIES TO THOROUGHLY WET ENTIRE ROOT SYSTEM IMMEDIATELY AFTER PLANTING.

4. PLANTS SHALL BE GUARANTEED TO A PERIOD OF ONE (1) YEAR AFTER ACCEPTANCE OF THE PROJECT AND SHALL BE VIGOROUS AND THRIVING AT THE END OF THE GUARANTEE PERIOD SEE SECTIONS S, GUARANTEE FOR MORE DETAILS.

5. CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND SHALL REPORT ANY CONFLICTS TO THE OWNER.

6. CONTRACTOR SHALL FAMILIARIZE HIM/HER SELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER OR OWNER'S DESIGNEE IN WRITING WITHIN SEVEN (7) CALENDAR DAYS OF NOTICE TO PROCEED.

7. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES AND OBTAIN AS—BUILT INFORMATION. DRAWINGS WERE PREPARED ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN (7) CALENDAR DAYS OF NOTICE TO PROCEED OF ANY DISCREPANCIES.

8. CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES FORTY—EIGHT (48) HOURS MINIMUM PRIOR TO DIGGING FOR VERIFICATION OF ALL UNDERGROUND UTILITIES AND OTHER OBSTRUCTIONS AND COORDINATE WITH OWNER'S DESIGNEE IN WRITING PRIOR TO INITIATING OPERATIONS.

9. CONTRACTOR SHALL TAG AND NUMBER ALL PLANT MATERIAL TO BE RELOCATED. THE CONTRACTOR SHALL FULLY ASSIST AND COORDINATE THIS WORK WITH THE OWNER'S DESIGNEE PRIOR TO INITIATING FIELD DIGGING THE TREES.

10. LOCATIONS OF RELOCATED PLANT MATERIAL ARE APPROXIMATED ON THE DRAWINGS. EXACT LOCATIONS OF RELOCATED PLANT MATERIAL WILL BE CLARIFIED BY THE OWNER'S DESIGNEE ON SITE.

11. THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE SPECIFICATIONS.

12. TYPICALLY, SHRUB AND GROUNDCOVER PLANTINGS ARE SHOWN IN MASS PLANTING BEDS. PLANTS SHALL BE PLACED ON A LINEAR SPACING CONFIGURATION AROUND BUILDING FOUNDATION AS SHOWN ON DRAWING. PLANT CENTER TO CENTER DIMENSIONS (O.C.) ARE LISTED ON THE PLANT LIST. FOR PERIMETER AND PARKING ISLAND SPACING, USE THE TRIANGULAR SPACING METHOD.

13. CONTRACTOR SHALL FIELD STAKE THE LOCATIONS OF ALL PLANT MATERIAL PRIOR TO INITIATING INSTALLATION FOR THE REVIEW AND APPROVAL OF THE OWNER'S DESIGNEE.

14. CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO ALL EXISTING UNDERGROUND UTILITIES AND/OR EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S DESIGNEE.

15. ALL PLANTING AREAS, UNLESS OTHERWISE NOTED, SHALL INCLUDE THREE INCH (3") LAYER OF MULCH AS PER THE SPECIFICATIONS.

16. ALL TREES PLANTED IN LAWN AREA SHALL RECEIVE A THREE FOOT DIAMETER (3') MULCH RING AT DEPTH OF THREE INCHES (3").

17. ALL EXISTING TREES TO REMAIN IN LAWN AREA SHALL RECEIVE A MULCH RING TWO FEET (2') OUT FROM EDGE OF TRUNK OR TO THE LIMIT OF THE ADJACENT LAWN AREA AT A DEPTH OF THREE INCHES (3") AS PER THE SPECIFICATIONS,

18. ANY SUBSTITUTIONS IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY THE OWNER'S DESIGNEE IN WRITING. ALL PLANTS WILL BE SUBJECT TO APPROVAL BY OWNER'S DESIGNEE BEFORE PLANTING CAN BEGIN.

19. PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. IN THE EVENT OF QUANTITY DISCREPANCIES, THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.

20. CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST, GENERAL NOTES AND THE PROJECT MANUAL AND SPECIFICATIONS FOR FURTHER AND COMPLETE INSTRUCTIONS.

21. ALL UTLITY BOXES, CLEANOUTS, ETC., SHALL BE PAINTED GREEN IF IN GRASS AREAS AND BROWN IF IN MULCH AREAS.

22. THIS SITE MAY CONTAIN EXISTING TREES WHICH REQUIRE TRIMMING AND/OR PRUNING. THE LANDSCAPE COMPANY/CONTRACTOR MUST HAVE A CERTIFIED ARBORIST ON STAFF TO ENSURE PROPER ISA HORTICULTURAL PROCEDURES ARE FOLLOWED REGARDING THE TRIMMING, PRUNING, TRANSPLANTING, ETC. OF THESE TREES.

THOMAS ENGINEERING GROUP
CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
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PROJECT No.: F160XXX
DRAWN BY: JFV
CHECKED BY: ROT
DATE: 05-12-16
CAD I.D.: F160039 LANDSCAPE PLAN

PROJECT:

STATE RD 84 & SW 30 TH AVENUE

FOR

CUMBERLAND FARMS

HOLLYWOOD
FLORIDA

THOMAS ENGINEERING GROUP
RADICE III
1000 CORPORATE DRIVE, SUITE 250
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REGISTERED LANDSCAPE ARCHITECT
FLORIDA LICENSE No. 6666871
FLORIDA BUSINESS CERT. OF AUTH. No. 27528
REGISTERED LANDSCAPE ARCHITECT MICHAEL D. GROSSWIRTH LA 6666871 STATE OF FLORIDA
October 3, 2017

SHEET TITLE:

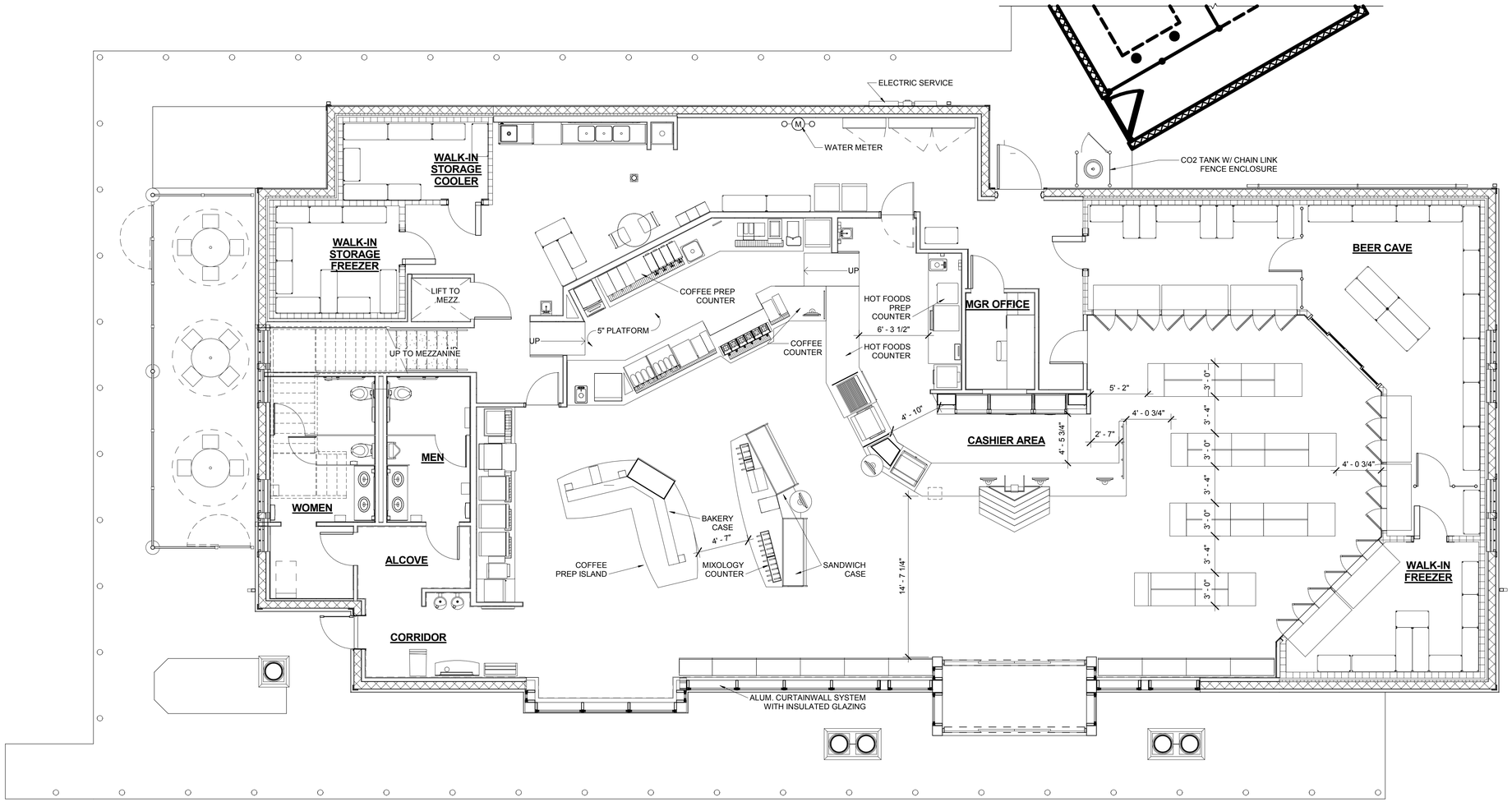
LANDSCAPE GENERAL NOTES

SHEET NUMBER:

CFG08.3

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MICHAEL D. GROSSWIRTH, LA6666871 ON 2017-10-02

Printed on Monday, October 02, 2017, 8:22 AM by Max Kaplan
G:\2016\CUMBERLAND FARMS\F160039 – SR 84 & SW 30TH AVENUE – HOLLYWOOD\DWG\SITE PLAN ENTITLEMENTS\LANDSCAPE\F160039 LANDSCAPE PLAN----->LAYOUT: CFG08.3 LANDSCAPE GENERAL NOTES



TOTAL BUILDING AREA = 5,618 ft²
TOTAL NET SALES AREA = 2,145 ft² (DOES NOT INCLUDE CASHIER AREA)

1 GROUND FLOOR PLAN - SD

3/16" = 1'-0"

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A-101-GROUND FLOOR PLAN

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DOCUMENT DATE:	08/28/17

STATE OF FLORIDA JAMES E. OWENS 97371 REGISTERED ARCHITECT

James E. Owens
License #AR97371
Certificate of
Authorization #AA226001029

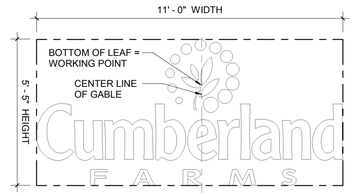
GROUND FLOOR PLAN

SHEET:
A-101

WALL SIGNAGE SPECIFICATION

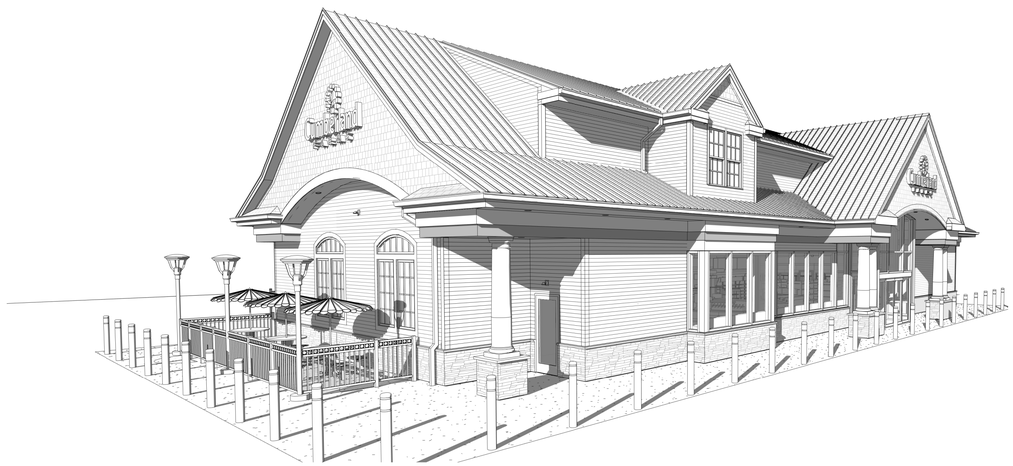
CUSTOM FABRICATED INTERNALLY
ILLUMINATED SIGN THAT IS SUPPLIED BY
OWNER AND IS INSTALLED BY SIGN VENDOR.

SIGN AREA = 37.6 ft²

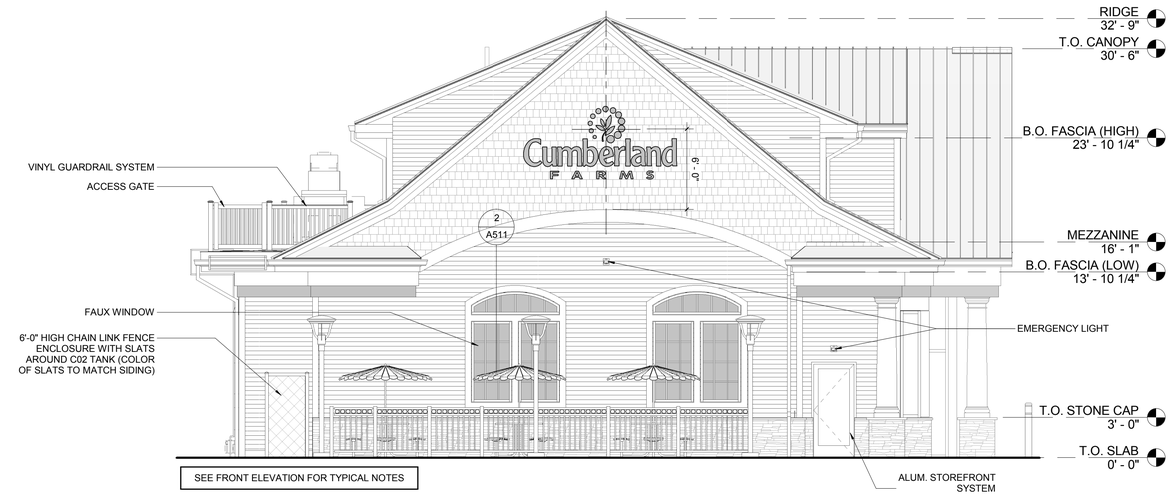


EXTERIOR FINISH SCHEDULE

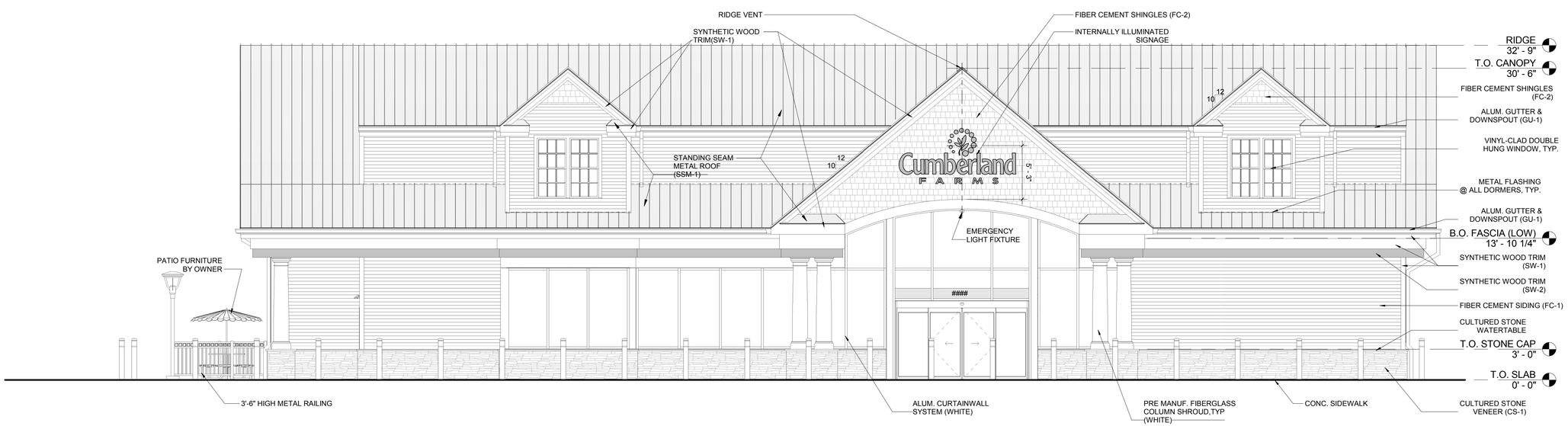
MARK	DESCRIP.	MANUF.	MODEL	COLOR	NOTES
CS-1	CULTURED STONE	BORAL	COUNTRY LEDGESTONE	ECHO RIDGE	INSTALL DRYSTACK ONLY
FB-1	FIBERGLASS COLUMN SHROUD	PACIFIC COLUMNS	-	WHITE	16'x9' ENDURA STONE PLAIN COLUMN ROUND SHAFT WITH TRUE ENTASIS TAPERED SMOOTH FINISH.
SSM-1	STANDIGN SEAM METAL ROOF	BERRIDGE	DOUBLE ZEE LOCK	WHITE	CITYSCAPE
GU-1	ALUMINUM GUTTER SYSTEM	ATAS	.032	WHITE	PROVIDE ALL ACCESORIES REQ'D FOR A COMPLETE CONTINUOUS INSTALLATION. INSTALL PER MANUF. INSTRUCTIONS. ENSURE SEALED, WATERTIGHT CORNER CONNECTIONS. FLASH& SEAL TO DOWNSPOUTS AS REQ'D. PROVIDE SUPPORT STIFFENERS AT 12" MIN. O.C. GUTTER SHALL BE SEAMLESS & 6" MIN.
SW-1	SYNTHETIC WOOD TRIM	CERTAINTEED	-	AESTHETIC WHITE-SW7035	PROVIDE SCARF JOINTS ON ALL EXTERIOR SYNTHETIC WOOD TRIM. G.C. TO PUTTY ALL NAIL HOLES & PAINT ALL SYNTHETIC WOOD TRIM & PANELS.
SW-2	SYNTHETIC WOOD TRIM	CERTAINTEED	-	GREEN	PROVIDE SCARF JOINTS ON ALL EXTERIOR SYNTHETIC WOOD TRIM. G.C. TO PUTTY ALL NAIL HOLES & PAINT ALL SYNTHETIC WOOD TRIM & PANELS.
FC-1	FIBER CEMENT SIDING	JAMES HARDIE	HARDIEPLANK LAP SIDING	NAVAJO BEIGE	4" EXPOSURE, CEDARMILL
FC-2	FIBER CEMENT SHINGLES	JAMES HARDIE	HARDIESHINGLE SIDING	AUTUMN TAN	STRAIGHT EDGE WITH 7" EXPOSURE.



3 FRONT SIDE PERSPECTIVE - SD



2 LEFT SIDE ELEVATION - SD
3/16" = 1'-0"



1 FRONT ELEVATION - SD
3/16" = 1'-0"

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STATE OF FLORIDA
JAMES E. OWENS
AR97371
REGISTERED ARCHITECT

James E. Owens
License #AR97371
Certificate of Authorization #AA226001029

EXTERIOR ELEVATIONS

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A-200

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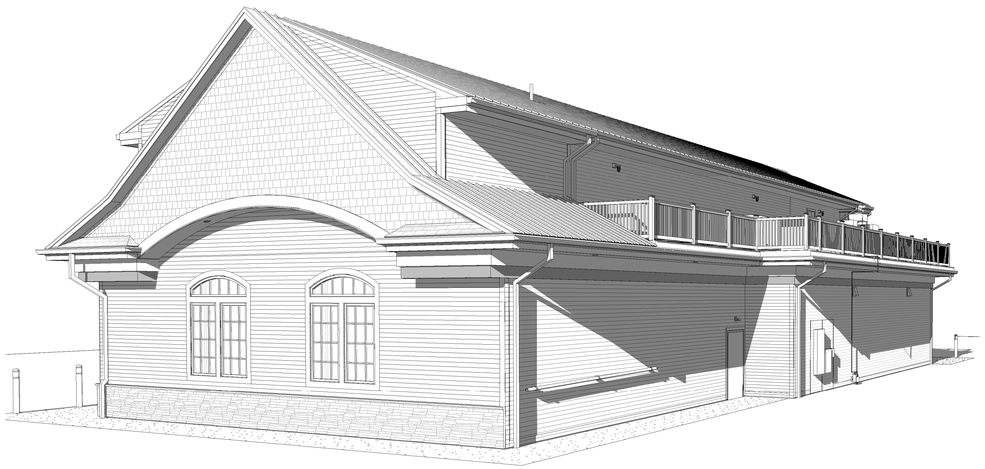
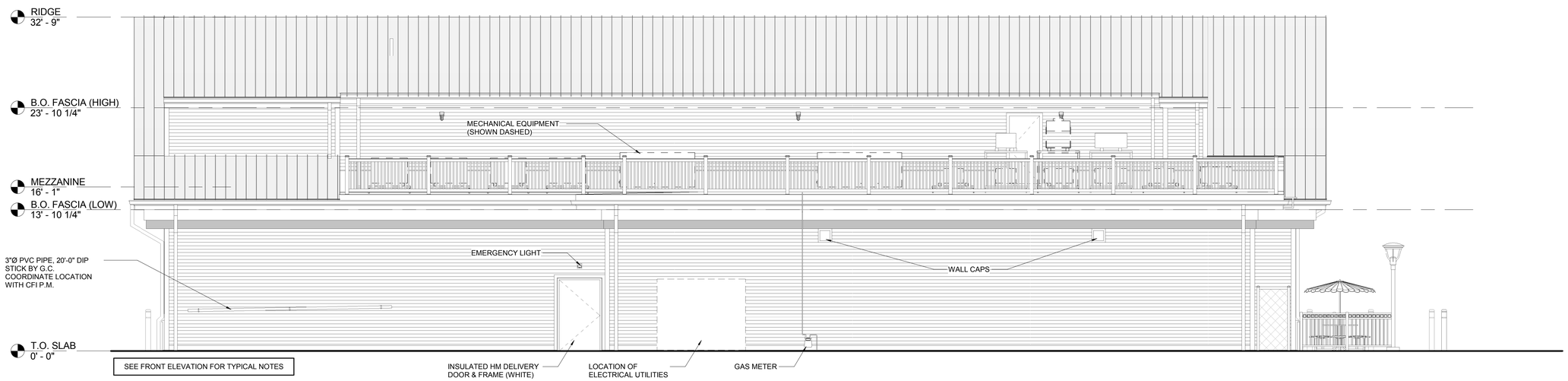
A-200-EXTERIOR ELEVATIONS



3 REAR SIDE PERSPECTIVE - SD

2 RIGHT SIDE ELEVATION - SD
3/16" = 1'-0"



1 REAR ELEVATION - SD
3/16" = 1'-0"

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A-201-EXTERIOR ELEVATIONS

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JOB NUMBER: 41-17-00250

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EXTERIOR
ELEVATIONS

SHEET:
A-201