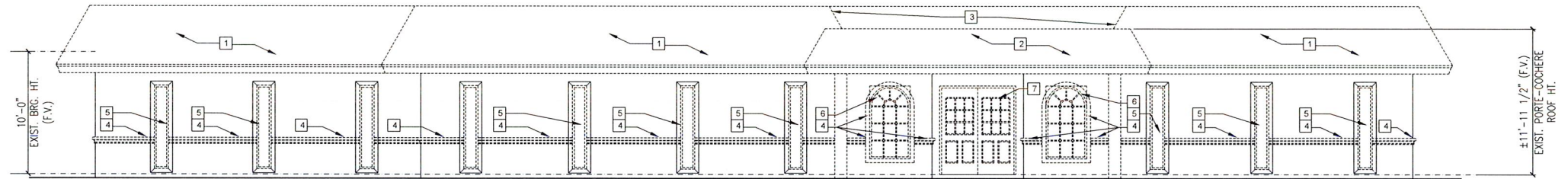


City of Pembroke Pines
Received

NOV 9 2021

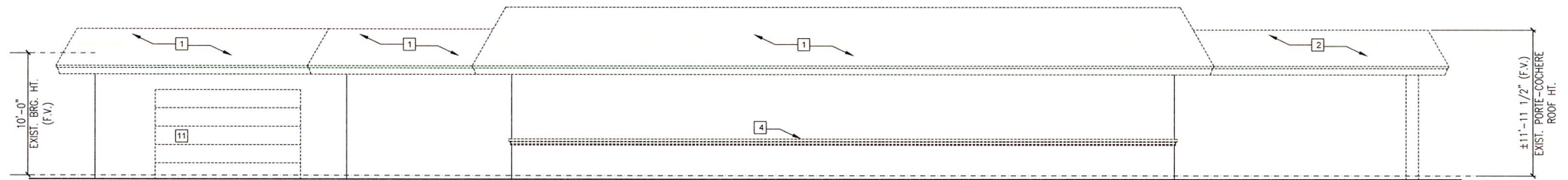
Planning & Economic Development





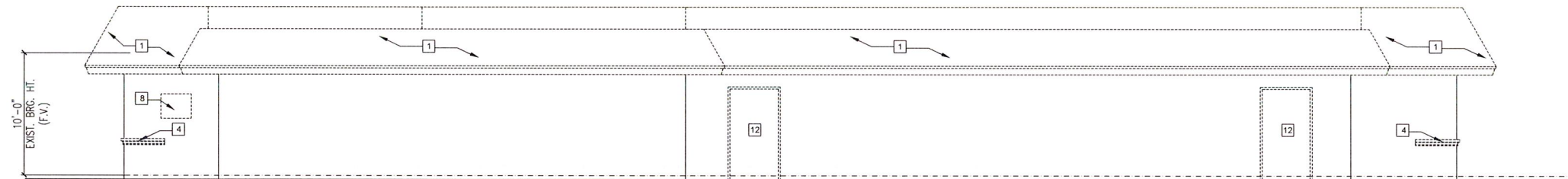
DEMOLITION NORTH ELEVATION

3/16" = 1'-0"



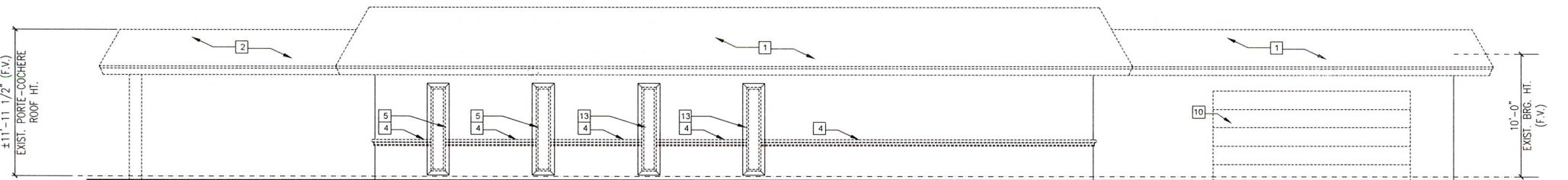
DEMOLITION EAST ELEVATION

3/16" = 1'-0"



DEMOLITION SOUTH ELEVATION

3/16" = 1'-0"



DEMOLITION WEST ELEVATION

3/16" = 1'-0"



DEMOLITION ELEVATIONS

3/16" = 1'-0"

DEMOLITION ELEVATIONS NOTES

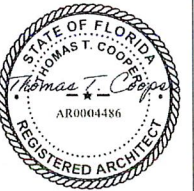
1. CONTRACTOR TO PROTECT EXISTING BUILDING IN AREAS WHERE DEMOLITION SHALL BE PERFORMED.
2. CONTRACTOR SHALL COORDINATE WITH OWNER ALL ITEMS BEING DEMOLISHED AND REMOVED PRIOR TO DISPOSAL.
3. ALL TRADE WORK SHALL BE DONE BY A LICENSED COMPANY.
4. CONTRACTOR SHALL PROVIDE WEATHERPROOFING PROTECTION DURING CONSTRUCTION IN AREAS OF DEMOLITION.
5. PREP EXISTING STUCCO FOR NEW FINISH AND/OR PAINT.
6. REFER TO ELEVATIONS FOR LIMIT OF DEMOLITION.

DEMO ELEVATION KEY NOTES

1. REMOVE EXISTING MANSARD ROOF TILES AND UNDERLAYMENT. REMOVE ALL ROOF SHEATHING AND PREP FOR INSTALLATION OF NEW PARAPET FRAMING
2. REMOVE EXISTING PORTE COCHERE INCLUDING ALL ROOF TILE MANSARD, ROOFING, STRUCTURE, FOUNDATION AND STRUCTURAL CLADDING
3. REMOVE EXISTING MANSARD AND PARAPET WALL TO TOP OF EXISTING TRUSS TOP CHORD. REFER TO DEMOLITION ROOF PLAN FOR LIMITS
4. REMOVE ALL EXISTING CULTURED STONE CONCRETE TRIM. PREP AS REQUIRED FOR NEW STUCCO FINISH
5. REMOVE EXISTING WINDOWS AND PREP WINDOW CHAMFER SURROUNDS AS REQUIRED FOR CAST-IN-PLACE CONCRETE CHAMFER INFILL
6. REMOVE EXISTING ARCHED WINDOWS AND STONE SURROUND CUT OUT EXISTING CONCRETE WALL AS REQUIRED FOR NEW WINDOWS. REFER TO FLOOR PLAN, WINDOW SCHEDULE AND ELEVATIONS
7. REMOVE EXISTING ENTRY DOORS. REFER TO FLOOR PLAN AND DOOR SCHEDULE
8. REMOVE EXISTING WALL MOUNTED HVAC UNIT. PREP OPENING AS REQUIRED FOR NEW CONCRETE INFILL OF OPENING
9. CUT OUT AND PREP CONCRETE BLOCK WALL AS REQUIRED FOR INSTALLATION OF NEW DOOR. REFER TO FLOOR PLAN, ELEVATIONS, DOOR SCHEDULE
10. REMOVE EXISTING OVERHEAD DOOR. PREP OPENING FOR CONCRETE BLOCK INFILL AND NEW EXTERIOR PERSONNEL DOOR. REFER TO FLOOR PLAN, ELEVATIONS AND DOOR SCHEDULE
11. REMOVE EXISTING OVERHEAD GARAGE DOOR. PREP FOR INSTALLATION OF NEW GARAGE DOOR. CONTRACTOR TO VERIFY AND MATCH SIZE
12. REMOVE EXISTING EXTERIOR DOOR AND FRAME. PREP AS REQUIRED FOR NEW IMPACT RATED DOOR AND FRAME INSTALLATION
13. REMOVE EXISTING WINDOW. PREP OPENING AS REQUIRED FOR NEW CONCRETE AND MASONRY INFILL

THOMAS T. COOPER

AR-0004486
4486 NE SKYLINE DRIVE
JENSEN BEACH, FL 34957
thomastcooper@gmail.com
(772) 232-1767



SIGNATURE AND SEAL

REVISION:

Boyd Panciera
Family Funeral Care Renovation
6400 Pembroke Pines Boulevard
Pembroke Pines, Florida 33024

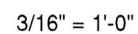
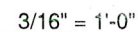
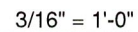
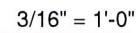
SHEET TITLE:
DEMOLITION ELEVATIONS
SCHEDULES, NOTES

DATE: XX-XX-XXXX
DRAWN BY: WRG

SHEET NAME

AD.4

Project No.: 19129



ELECTRICAL SPECIFICATIONS

GENERAL

A-OVERALL INSTALLATION: THE INSTALLATION SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC 2017), THE FLORIDA BUILDING CODE (FBC 2020, 7th EDITION), AND ANY OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES.

B-CONDUCTORS CALCULATIONS: CONDUCTORS CALCULATIONS ARE BASED ON 75 C. ALL CONDUCTORS TO BE COPPER.

1. GENERAL: THE GENERAL AND SPECIAL CONDITIONS AND REQUIREMENTS OF THE CONTRACT AND SPECIFICATIONS AS WELL AS PLANS AND SPECIFICATIONS OF OTHER DISCIPLINES AND TRADES SHALL BE A PART OF THE WORK HEREBY SPECIFIED. THESE SPECIFICATIONS AND ACCOMPANYING PLANS ARE INTENDED TO PROVIDE FOR THE COMPLETE FURNISHING AND INSTALLATION OF THE ELECTRICAL SYSTEMS. TO PROVIDE MEANS TO FURNISH AND INSTALL.

2. COMPLIANCE: WORKMANSHIP, MATERIALS AND INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THE APPLICABLE EDITION OF THE SBC, NEC, NFPA, NEMA, ASTM, OSHA, UL, ANSI, HRS HEALTH AGENCIES, AND OTHER APPLICABLE NATIONAL, STATE, AND LOCAL CODES AND PERTAINING REGULATIONS ESTABLISHED BY THE RULING AUTHORITY HAVING JURISDICTION. CONTRACTORS SHALL ALSO MEET THE REQUIREMENTS OF OTHER STANDARDS WHERE SUCH REQUIREMENTS ARE STRICTER THAN THOSE STANDARDS CITED ABOVE.

3. WORKMANSHIP: ALL WORK SHALL BE PERFORMED BY CONTRACTORS LICENSED IN THEIR RESPECTIVE DISCIPLINE. WORK SHALL BE DONE IN A FIRST CLASS MANNER, FULLY OPERATIVE, AND TO THE ACCEPTANCE OF THE ARCHITECT AND THE ENGINEERS. CONTRACTOR SHALL PROVIDE FOR ALL NECESSARY LABOR AND MATERIAL REQUIRED FOR THE COMPLETION OF THE WORK INCLUDING BUT NOT LIMITED TO RELATED WORK SUCH AS CONNECTION OF EXISTING SYSTEMS, EXCAVATIONS AND BACK FILLING.

4. MATERIALS: CONTRACTOR SHALL PROVIDE ALL NEW MATERIALS OF AMERICAN MANUFACTURE, BEARING THE UNDERWRITER'S LABORATORY (UL) LABEL AS APPLICABLE. MATERIALS SHALL BE NEW, SUITABLE FOR THE APPLICATION AND ABOVE STANDARD QUALITY NORMALLY USED FOR THE PURPOSE AS CALLED FOR ON PLANS. SUPPLEMENTAL MATERIALS, PRODUCTS AND COMPONENTS NECESSARY TO COMPLY WITH THE INTENT OF THE CONTRACT DRAWINGS AND/OR SPECIFICATIONS, BUT NOT NOTED OR SPECIFIED ON THESE SECTIONS, SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED FOR THE COMPLETION OF THE WORK AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVISIONS AND COORDINATION OF DELIVERY OF MATERIALS. EQUIPMENT MARKED DURING SHIPMENT OR INSTALLATION SHALL BE TOUCHED UP AND REFINISHED TO FACTORY FINISH, REPLACED WHERE NOT ACCEPTABLE.

5. PERMITS AND INSURANCE: CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, TAXES, INSPECTIONS, TESTS, FINES AND OTHER ITEMS AS REQUIRED FOR THE INSTALLATION OF THE COMPLETE ELECTRICAL SYSTEMS AS OUTLINED HEREIN AND SHOWN ON PLANS. CONTRACTOR SHALL PROVIDE ALL REQUIRED INSURANCE FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.

6. EXISTING CONDITIONS: BEFORE BIDDING, THE CONTRACTOR SHALL VISIT THE JOB SITE AND ASCERTAIN ALL EXISTING CONDITIONS WHICH WILL AFFECT HIS WORK. FAILURE TO DO SO WILL NOT BE ACCEPTED AS A REASON FOR REQUESTING EXTRA PAY WHERE THE EXISTING CONDITIONS RESULT IN EXTRA MATERIALS OR LABOR. ANY EXISTING CONDITIONS FOUND BY THE CONTRACTOR WHICH WILL ADVERSELY AFFECT THE WORK SHALL BE IMMEDIATELY BEING BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER. CORRECTION OF ANY DEFECTS SHALL BE COMPLETELY WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENTS OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.

7. PLANS: DRAWINGS ARE BASICALLY DIAGRAMS INTENDED TO DEPICT APPROXIMATELY EQUIPMENT LOCATIONS AND ARRANGEMENTS, NOT TO SHOW EVERY MINOR DETAIL. PLANS SHALL NOT BE SCALED TO DETERMINE EXACT LOCATION AND DIMENSIONS.

8. INTERFERENCE: THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES SO THAT INTERFERENCE WITH EXISTING CONDITIONS, CONDUITS, PIPING, EQUIPMENT, ARCHITECTURAL AND STRUCTURAL MEMBERS BE AVOIDED.

9. SUBSTITUTIONS: PRODUCTS AND MATERIALS CALLED OUT BY TRADE NAME AND/OR CATALOG NUMBERS ESTABLISH A STANDARD OF QUALITY, APPEARANCE, PERFORMANCE AND DIMENSION. CONTRACTORS SHALL BASE HIS PROPOSAL ON THOSE ITEMS AS THEY SHALL BE CONSIDERED AS A STANDARD BASIS OF BIDDING. REQUESTS FOR SUBSTITUTION SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT/ENGINEER, DEMONSTRATING THAT PRODUCT IS OF COMPARABLE AND BASIC DESIGN, CONSTRUCTION, STANDARDS AND WARRANTIES, DIMENSIONS TO FIT WITHOUT CHANGE, AND DOES NOT CAUSE EXTRA WORK TO OTHER TRADES. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING QUALITY OF SUBSTITUTION. ARCHITECT/ENGINEER WILL, UNDER NO CIRCUMSTANCES, BE REQUIRED TO PROVE SUCH ITEM IS OR IS NOT OF EQUAL QUALITY TO THE SPECIFIED ITEM. ARCHITECT/ENGINEER EXPENSES INCURRED DUE TO CONTRACTOR'S REQUESTED REVISIONS OR SUBSTITUTIONS SHALL BE PAID BY THE CONTRACTOR.

10. RECORD DRAWINGS: MAINTAIN A COMPLETE SET OF PRINTS FOR INDICATING ALL CHANGES. USE COLORED PENS TO MARK CHANGES AT THE TIME OF EXECUTION AND DELIVER THE SET TO THE ARCHITECT/ENGINEER UPON COMPLETION. CONTRACTOR SHALL STAMP "AS-BUILT" ON PRINTS AND PLANS, DATE AND SIGN IN INK.

11. DATA / TELECOMMUNICATION SYSTEMS:
A- FOR DATA / TELECOMMUNICATION SYSTEMS UTILIZE CONTRACTOR EXPERIENCED IN THE INSTALLATION OF COMMUNICATION SYSTEMS AND CERTIFIED BY BUILDING INDUSTRY CONSULTING SERVICE INTERNATIONAL.

12. CUTTING AND PATCHING:
A- MAJOR CUTTING, PATCHING AND PAINTING REQUIRED BY THIS CONTRACT WILL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. ALL SURFACES SHALL BE RETURNED TO ORIGINAL CONDITIONS AFTER THE INSTALLATION OF THE EQUIPMENT.

13. FIELD CHANGES:
A- THE ELECTRICAL CONTRACTOR SHALL CONSULT THE ENGINEER BEFORE THE IMPLEMENTATION OF FIELD CHANGES, MODIFICATIONS OR ADDITIONS COVERING ELECTRICAL EQUIPMENT, ELECTRICAL INSTALLATION, DISTRIBUTION OF THE ELECTRICAL LOADS, ELECTRICAL RISER OR SERVICE ENTRANCE THAT DEVIATES FROM THE ORIGINAL SIGNED, SEALED AND APPROVED ELECTRICAL PLANS.

B- PROPOSED ELECTRICAL CHANGES, ADDITIONS AND MODIFICATIONS THAT DEVIATE FROM THE ORIGINAL SIGNED, SEALED PLANS ORIGINALLY APPROVED BY THE BUILDING DEPT. WHICH ARE INTENDED TO BE INCLUDED BY THE ELECTRICAL CONTRACTOR IN ITS "AS-BUILT" DRAWINGS SHALL BE REVIEWED BY THE ENGINEER FOR A WRITTEN APPROVAL BEFORE THE CHANGES, MODIFICATIONS OR ADDITIONS ARE IMPLEMENTED. THE ENGINEER SHALL NOT BE RESPONSIBLE AND WILL NOT INTEGRATE FIELD CHANGES INTO THE ORIGINAL PLANS THAT HAVE NOT BEEN CONSULTED AND PRE-APPROVED BEFORE THEIR FIELD IMPLEMENTATION.

14. AS-BUILT PLANS:
AS-BUILT ELECTRICAL PLANS REFLECT THE FINAL INSTALLED CONDITION OF THE ELECTRICAL SYSTEM. IF THE ENGINEER OF RECORD WAS RETAINED BY THE OWNER OR ARCHITECT TO CONDUCT PERIODIC CONSTRUCTION OBSERVATION VISITS TO THE CONSTRUCTION SITE AND WITNESS THE PROGRESS OF THE ELECTRICAL INSTALLATION A FINAL AS-BUILT CERTIFICATION CAN BE PROVIDED BY THE ENGINEER OF RECORD. WITHOUT CONSTRUCTION OBSERVATION VISITS, THE ENGINEER OF RECORD CAN ONLY PROVIDE A FINAL REVIEW DOCUMENT, WHICH CONSISTS OF THE INSTALLATION DATA SUPPLIED BY THE ELECTRICAL CONTRACTOR. THE INTEGRATION BY THE ENGINEER OF FIELD CHANGES, MODIFICATIONS AND ADDITIONS INTO THE ORIGINAL SET OF PLANS TO CREATE A FINAL OF "AS-BUILT" OR "FINAL REVIEW" PLANS IS NOT INCLUDED IN THE ORIGINAL CONTRACT AND SHALL BE CONSIDERED AN OPTIONAL ITEM.

ELECTRICAL PLAN SCHEDULE

E-01	ELECTRICAL SPECS, SCOPE OF WORK AND POWER PLAN DETAILS.
E-02	PARTIAL ELECTRICAL RISER, PANEL SCHEDULE AND DETAILS.
E-03	PHOTOMETRIC PLAN STATISTICS AND DETAILS.

SCOPE OF WORK

- THE PURPOSE OF THIS PROJECT IS TO SPECIFY THE ILLUMINATION OF THE PARKING AREA INCLUDING NEW LIGHTING POLES AND LUMINAIRES.
- THIS DESIGN IS IN COMPLIANCE WITH BROWARD COUNTY ZONING CODE- OUTDOOR LIGHTING, SECTION 39-112.
- THIS DESIGN IS IN COMPLIANCE WITH IESNA ILLUMINATION STANDARD HANDBOOK ON PARKING LOT ILLUMINATION LEVELS CHAPTER 28 WHICH PRESCRIBES 3000K, 2 1/2 FOOT-CANDLES AVERAGE FOR MEDIUM ACTIVITY LZ- 2 (FOR PARKING LOTS), AND 14:1 MAX-TO-MIN RATIO ON THE PAVEMENT.
- THIS DESIGN SPECIFIES THE REMOVAL OF THE EXISTING LIGHT POLES AND SPECIFIES NEW DIRECT BURIAL CONCRETE LIGHT POLES AND NEW LED LUMINAIRES.
- THIS DESIGN SPECIFIES THAT THE EXISTING UNDERGROUND BRANCH CIRCUITS THAT CURRENTLY FEED THE EXISTING POLES BE RE-USED TO FEED THE NEW LIGHTING POLES AND AN ADDITIONAL (NEW) BRANCH CIRCUIT TO COMPLY WITH REDUCTION IN LUMENS OUTPUT AFTER CLOSING OF BUSINESS OR 11:00 PM, WHICHEVER IS LATER.
- THIS DESIGN COMPLIES WITH DARK SKY REQUIREMENTS AND FULL CUT-OFF LUMINAIRES.
- EXISTING LUMINAIRES INSTALLED ON THE BUILDING OVERHANG ARE NO PART OF THIS DESIGN.
- TREE BRANCHES AND VEGETATION THAT BLOCK THE LIGHT ON THE PAVEMENT SHALL BE TRIMMED.

NOTES ON TRIMMING THE TREES :

TREES AND FOLIAGE SHALL BE TRIMMED IN ORDER TO PREVENT THE BLOCKAGE OF THE LIGHT AND TO BE ABLE TO ACHIEVE THE DESIGNED ILLUMINATION LEVELS.

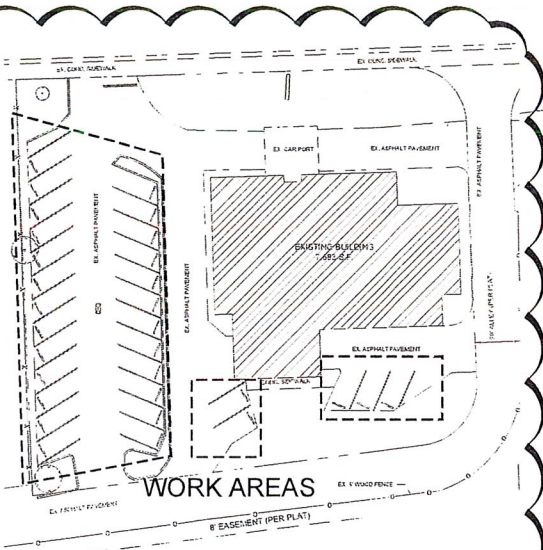
A- EXISTING POLE TO BE REMOVED. NEW POLE TO BE RELOCATED IN A NEW LOCATION. NEW BRANCH CIRCUIT FROM PANEL B, THRU CONTRACTOR, 2 X #10THWN CU + 1 X 10THWN CU (G) IN EXISTING CONDUITS. SEE SHEET E-02 FOR DETAILS.

B- EXISTING POLE TO BE REMOVED. NEW POLE TO BE RELOCATED IN THE SAME LOCATION AND ELECTRICAL CONTRACTOR SHALL RECONNECT THE CONDUIT AND CIRCUITS AS SHOWN ON PLANS.

C- EXISTING POLE TO BE REMOVED. NEW POLE TO BE RELOCATED IN NEW LOCATION AND ELECTRICAL CONTRACTOR SHALL EXTEND AND RECONNECT THE CONDUIT AND CIRCUITS AS SHOWN ON PLANS.

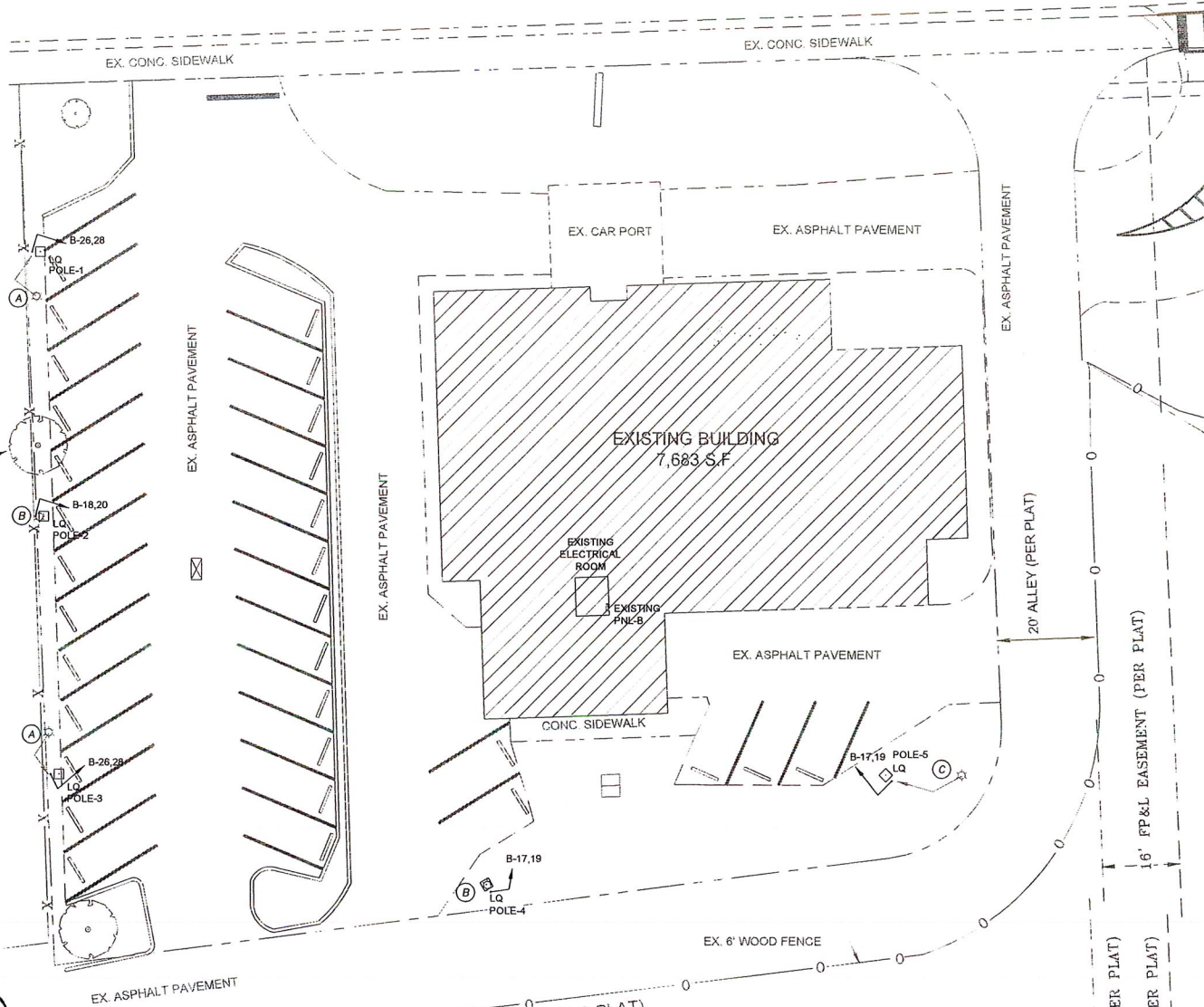
NOTES :

- ALL LIGHT FIXTURES AND POLES SHOWN IN THE PARKING LOTS DESIGN ARE NEW.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY THAT THE EXISTING CONDUITS AND CONDUCTORS CURRENTLY SERVING THE EXISTING LIGHT FIXTURES CAN BE REUSED TO SERVE THE NEW FIXTURES INSTALLED ON THE NEW POLES.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY THE UNDERGROUND SERVICE.



KEY PLAN
SCALE: NTS

HOLLYWOOD BLVD.



POWER PLAN

SCALE: 1/16" = 1'

Native Size: 24"x36"



Schedule							
Symbol	Label	QTY	Manufacturer	Number Lamps	Description	Lumens per Lamp	Wattage
	LQ	5	Lithonia Lighting	1	DSX1 LED P3 30K T4M MVOLT EGS	11426	102

This item has been digitally signed and sealed by
Tomas C. Armstrong, P.E. on the date adjacent to
the seal.
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verified on any electronic copies.



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Tomas C. Armstrong, P.E. E.E. PE-17974
Date: 07-15-2021

Mills, Short & Associates
WEBSITE: www.MillsShortAssociates.com
PHONE: 772.226.7282
C.A. # 30896

700 22nd Place, Suite 2C2D
Vero Beach, Florida 32960

SEAL

ISSUE	DATE	COMMENTS
1	07/15/2021	BD COMMENTS

Boyd-Panciera Family Funeral Care
6400 Hollywood Blvd.
Hollywood, Florida 33024

ELECTRICAL SPECS, SCOPE OF WORK AND POWER PLAN DETAILS

PROJ. NO: 20-3170

DATE: 06/16/2021

SHEET NO:

E-01

TIME

DATE

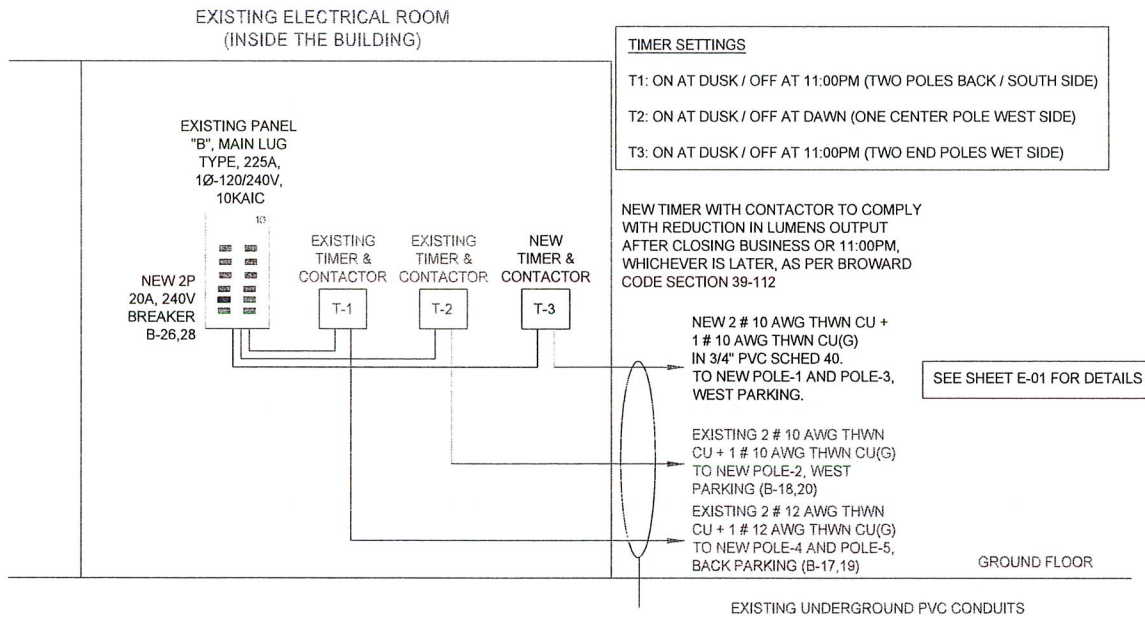
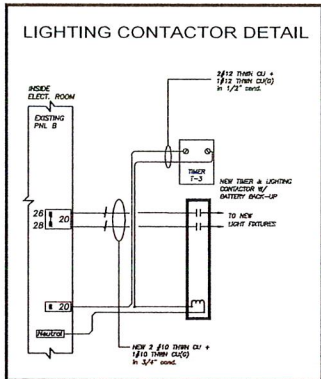
EXISTING PANEL "B"
120/240V, 3Ø, 4W, 225 Amp-ML

CKT	LOAD DESCRIPTION	BKR	CKT	LOAD DESCRIPTION	BKR
1	EXISTING CIRCUIT	20	2	EXISTING CIRCUIT	20
3	EXISTING CIRCUIT	20	4	EXISTING CIRCUIT	20
5	EXISTING CIRCUIT	30	6	EXISTING CIRCUIT	20
7	EXISTING CIRCUIT	20	8	EXISTING CIRCUIT	20
9	EXISTING CIRCUIT	20	10	EXISTING CIRCUIT	20
11	EXISTING CIRCUIT	20	12	EXISTING CIRCUIT	20
13	EXISTING CIRCUIT	20	14	EXISTING CIRCUIT	20
15	EXISTING CIRCUIT	20	16	EXISTING CIRCUIT	20
17	BACK POLE LIGHTS	20	18	WEST POLE LIGHTS	30
19	↓	20	↓	↓	↓
21	EXISTING CIRCUIT	20	22	EXISTING CIRCUIT	20
23	EXISTING CIRCUIT	20	24	EXISTING CIRCUIT	20
25	EXISTING CIRCUIT	20	26	NEW WEST P LIGHTS	20
27	EXISTING CIRCUIT	20	28	↓	↓
29	EXISTING CIRCUIT	20	30	SPARE	20
31	SPARE	20	32	SPARE	20
33	SPARE	20	34	SPARE	20
35	EXISTING CIRCUIT	20	36	EXISTING CIRCUIT	30
37	EXISTING CIRCUIT	20	38	↓	↓
39	EXISTING CIRCUIT	20	40	EXISTING CIRCUIT	20
41	↓	20	↓	↓	↓

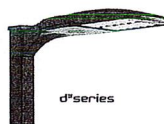
PANEL "B" - LOAD INCREASE

NEW LUMEN CIRCUITS	880 VA
SUB TOTAL	72 VA
SUB TOTAL	882 VA
MINUS DISCONNECTED LIGHT LOAD	450 VA
TOTAL VA	432 VA
LOAD INCREASE	
-288 VA / 240 V = -12 AMP	

THE EXISTING LOAD WAS DECREASED



PARTIAL ELECTRICAL RISER

D-Series Size 1
LED Area Luminaire

Specifications

EPA:	1.01 ft ²
Length:	23"
Width:	13"
Height H1:	7-1/2"
Height H2:	3-1/2"
Weight (max):	27 lbs

Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

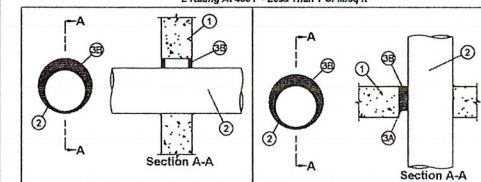
BRANCH CIRCUIT VOLTAGE DROP CALCULATIONS

$$\text{Single Phase: } V_d = (2 \times R \times L \times I) / 1000 \quad \% = (V_d \times 100) / \text{Line Volt}$$

Name	Ckt	φ	Volt (V)	Wire Size	Amps (I)	Q/kFT (R)	Distance (L)	V Drop (V)	V Drop (%)
BACK POLE LIGHTS (EXISTING BRANCH CIRCUIT)	B-17,19	1	240	12	0.85	1.98	250	0.84	0.4
WEST POLE LIGHTS (EXISTING BRANCH CIRCUIT)	B-18,20	1	240	10	0.42	1.24	175	0.18	0.1
WEST POLE LIGHTS (NEW BRANCH CIRCUIT)	B-26,28	1	240	10	0.85	1.24	350	0.74	0.3

Guide XH-EZ
Through-Penetration Firestop Systems

System No. C-AJ-1080
F-Rating 2 Hr and 3 Hr (see Items 1 and 3A)
T-Rating - 0 Hr
L-Rating At Ambient - Less Than 1 CFM/sq ft
L-Rating At 400 F - Less Than 1 CFM/sq ft



1. Floor or Wall Assembly - Min 2-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. When floor or wall thickness is less than 4 1/2 in., the F-Rating is 2 Hr. When floor or wall thickness is equal to or greater than 4 1/2 in., the F-Rating is 3 Hr. Max diam of opening is 30 in. See Concrete Block (C&I) category in the Fire Resistance Directory for names of manufacturers.

2. Through Penetrants - One metallic pipe, conduit or tubing to be centered within the firestop system. The annular space shall range from min 0 in. (point of contact) to max 3 in. When thickness of concrete floor or wall is less than 4 1/2 in., annular space is 1 in. Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

- A. Steel Pipe - Nom 30 in. diam (or smaller) Schedule 5 (or heavier) steel pipe
- B. Iron Pipe - Nom 30 in. diam (or smaller) cast or ductile iron pipe
- C. Conduit - Nom 4 in. diam (or smaller) electrical metallic tubing or nom 6 in. diam (or smaller) rigid galv. steel conduit
- D. Copper Tubing - Nom. 6 in. diam (or smaller) Type M (or heavier) copper tubing
- E. Copper Pipe - Nom 6 in. diam (or smaller) Regular (or heavier) copper pipe

3. Firestop System - The firestop system shall consist of the following:
A. Packing Material - Min 2 in. thickness of min 4 pcf mineral wool batt insulation firmly packed into annulus as a permanent form. When floor or wall thickness is 4-1/2 in. or greater, polyethylene backer rod or glass fiber batt insulation may be used. Packing material to be recessed from top surface of floor or both surfaces of wall as required to accommodate the required thickness of fill material.
B. Fill, Void or Cavity Material - Caulk - Min 1/2 in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall.

SPECIFIED TECHNOLOGY INC. - SpecSeal 100, 101, 105 Sealant
*Bearing the UL Classification Mark

This item has been digitally signed and sealed by
Tomas C. Armstrong, P.E. on the date adjacent to the seal.
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Tomas C. Armstrong, P.E. E.E. PE-17974
Date: 07-15-2021



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DSX1 LED
Rev. 06/1/201
Page 1 of 8

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WEBSITE: www.MillsShortAssociates.com
PHONE: 772.226.7282
C.A. #: 30696

700 22nd Place, Suite 2C/2D
Vero Beach, Florida 32960

SEAL

ISSUE	DATE	COMMENTS
1	07/15/2021	BD COMMENTS

Boyd-Panciera Family Funeral Care
6400 Hollywood Blvd.
Hollywood, Florida 33024

PARTIAL ELECTRICAL RISER, PANEL SCHEDULE AND DETAILS

PROJ NO: 20-3170
DATE: 06/16/2021

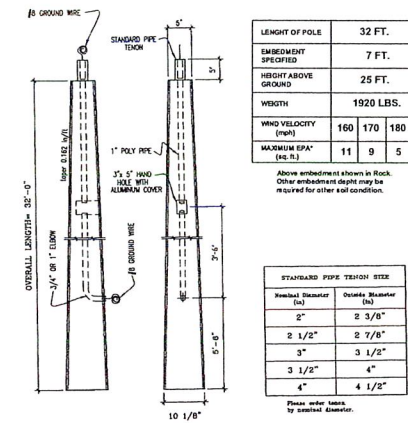
SHEET 112

E-02

Tenon Slipfitter for Arm-Mounted Luminaires
Use with KSF, KVC, KAR, KSE Series. When ordered, luminaire must include round pole arm (RP or RPD) suffix or pole degree (DAD12P or DAD12PD). To order, locate catalog number from chart below based on tenon size and mounting configuration.
Example: For 3 fixtures at 120° using 2-7/8" tenon, catalog number is T25-320.
Shipped separately. Order as separate catalog numbers.

Tenon	1 fixture	2 fixtures	3 fixtures	4 fixtures	5 fixtures
2-3/8"	T25-190	T25-280	T25-390	T25-500	T25-600
2-7/8"	T25-190	T25-280	T25-390	T25-500	T25-600
3"	T25-190	T25-280	T25-390	T25-500	T25-600

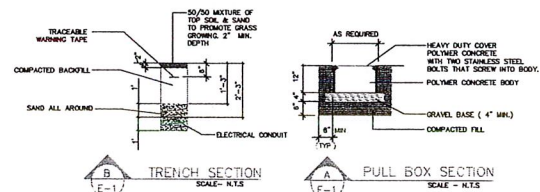
* RPD9 must be used with KSF, KVC, KAR or KSE



32 ft. TYPE I-O POLE

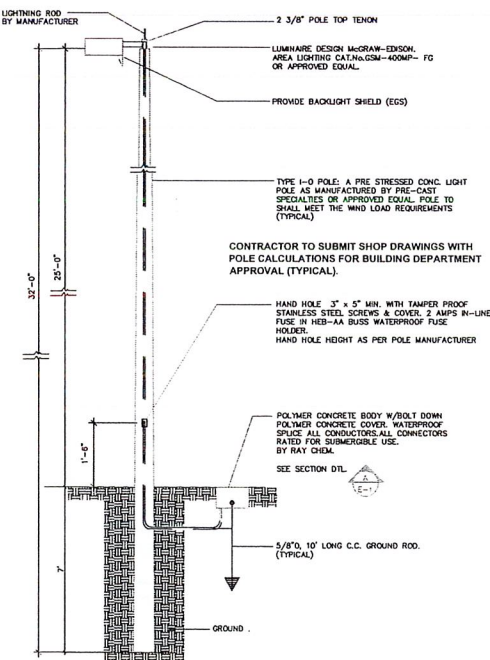
1300 N.E. 45th Street
Pompano Beach, FL 33064
PHONE: (954) 781-4040
(800) 749-4041
FAX: (954) 781-3039 SALES & ADMINISTRATIVE

Pre-Cast Specialists, Inc.
Precast and Prestressed Concrete

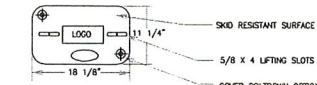


Notes on Pole:

- 1.- Prestressed concrete pole minimum height 32' to provide 25' AFF and provided with top tenon.
- 2.- The wind load calculation for the Pole & Lighting Fixture assembly. To be performed by others.
- 3.- Contractor to coordinate with Pole Manufacturer for windload calculations and final burial data.
- 4.- Hand hole to be 3' x 5' minimum, and to have a weatherproof gasketed cover.

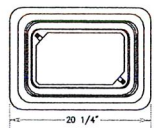


POLE DIRECTLY BURIED ON THE GROUND

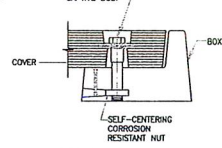


COVER PLAN VIEW
NTS.

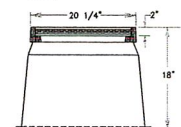
OPTIONAL CAST IRON READER LIDS AVAILABLE



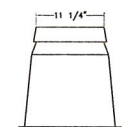
BOX PLAN VIEW
NTS.



COVER BOLT-DOWN OPTION
NTS.



BOX & COVER SECTION
NTS.

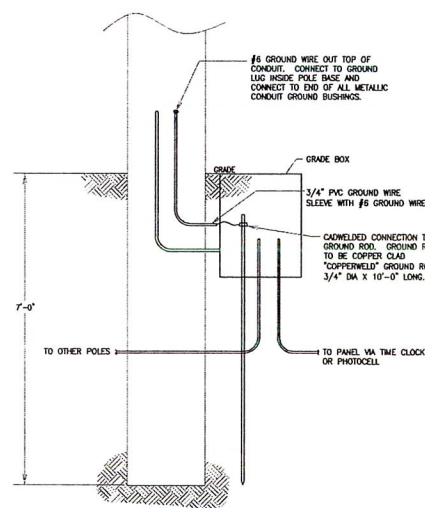


END VIEW
NTS.

GRADE BOX DETAILS
NTS.

NOTES:

1. UNIT TO BE QUALITY 11\"/>



TYPICAL LIGHT POLE FOUNDATION DETAIL
NTS.

NOTE ON ILLUMINATION OF WEST PROPERTY LINE:

THE PROPERTY TO THE WEST OF THE FUNERAL HOME IS ABUTTING A **COMMERCIAL GAS STATION** NOT A RESIDENTIAL PROPERTY OR PUBLIC SPACE ZONE.

THIS ILLUMINATION DESIGN ADHERES TO THE (1) FOOTCANDLE AT THE PROPERTY LINE AS PER PARAGRAPH (C) BELOW.

COUNTY CODE-CHAPTER 39 ARTICLE 112 (5):

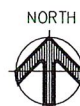
(A). LIGHT TRESPASS SHALL BE LIMITED TO ONE-HALF (1/2) FOOTCANDLE AT THE PROPERTY LINES FOR PARCELS WITH RESIDENTIAL AND PUBLIC OPEN SPACE USES AND AT ABUTTING PROPERTY LINES FOR PARCELS ABUTTING RESIDENTIAL AND PUBLIC OPEN SPACE ZONES, EXCEPT AS PROVIDED FOR IN SUBSECTION B. BELOW.

(B). LIGHT TRESPASS SHALL BE LIMITED TO ONE (1) FOOTCANDLE AT THE ABUTTING PROPERTY LINE FOR PARCELS ABUTTING PUBLIC RIGHTS-OF-WAY.

(C). LIGHT TRESPASS SHALL BE LIMITED TO **ONE (1) FOOTCANDLE AT THE PROPERTY LINES** WITHIN ALL OTHER ZONES.

COMPLIANCE CHART, AS PER BROWARD COUNTY PARKING LOT ILLUMINATION CODE, SECTION 39-112.

Bulb Description	QTY	Luminaire Lumens	Total
DSX1 LED P3 30K T4M MVOLT EGS	5	11426	57,130
EXISTING OVERHANG LIGHTS (NOT PART OF THIS DESIGN)	15	300	4,500
TOTAL LUMINAIRE LUMENS			61,630
TOTAL HARDSCAPE AREA (SQFT)			48,620
CALCULATED TOTAL LUMENS PER SQFT			1.3
IS PROJECT COMPLIANT WITH L22 NOT EXCEEDING 2-1/2 LUMENS PER SQFT?			YES



PHOTOMETRIC SITE PLAN

SCALE: 1/16" = 1'

Native Size: 24"x36"



Statistics						
Description	Avg	Max	Min	Avg/Min	Max/Min	Symbol
Parking Stats	3.0 fc	3.2 fc	1.6 fc	1.9:1	2:1	+

VALUES CALCULATED WITH TREE TRIMMED
STATISTICS ONLY SHOWS THE PARKING AREAS

Schedule						
Symbol	Label	QTY	Manufacturer	Number Lamps	Description	Lumens per Lamp Wattage
	LQ	5	Lithonia Lighting	1	DSX1 LED P3 30K T4M MVOLT EGS	11426 102



This item has been digitally signed and sealed by
Tomas C. Armstrong, P.E. on the date adjacent to
the seal.
Printed copies of this document are not considered
signed and sealed and the signature must be
verified on any electronic copies.



TCAPA
CONSULTING ENGINEERS RY # 7055
11535 SW 33TERR., Miami, FL 33165
DBA Florida Corporation - Tel: 305-551-0394
tcarms@tcapa.com - Cell: 305-205-2900
Tomas C. Armstrong, P.E. E.E. PE-17974
Date: 07-15-2021

Mills, Short & Associates
WEBSITE: www.MillsShortAssociates.com
PHONE: 772.226.7882
C.A. #: 30698
700 22nd Plaza, Suite 2C/D
Vero Beach, Florida 32980

SEAL

ISSUE	DATE	COMMENTS
1	07/15/2021	BD COMMENTS

Boyd-Panciera Family Funeral Care
6400 Hollywood Blvd.
Hollywood, Florida 33024


PHOTOMETRIC PLAN, STATISTICS AND DETAILS

PROJ. NO.	20-3170
DATE	06/16/2021

E-03

CLIENT: BOYD-PANCIERA FAMILY FUNERAL CARE

REVISIONS:

	09/14/21	CITY COMMENTS
	11/02/21	CITY COMMENTS

[illegible]

SEAL:

LANDSCAPE ARCHITECT: Christopher Cabezas

Christo
pher R
Cabezas

Digitally signed
by Christopher
R Cabezas
Date:
2021.11.08
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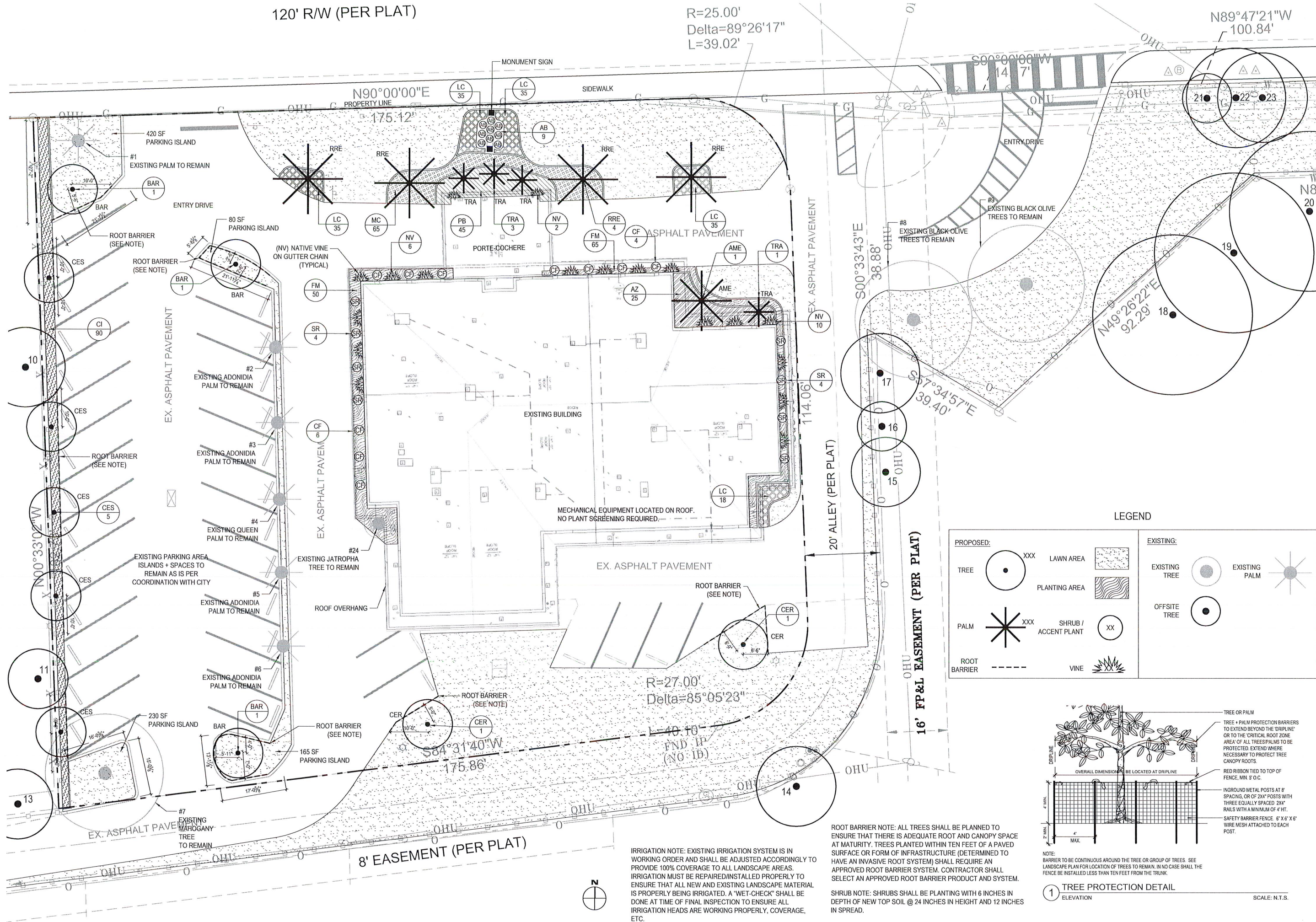
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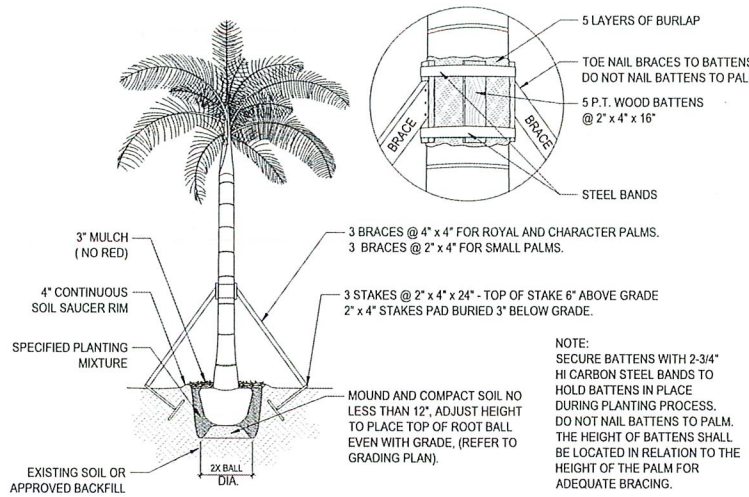
SHEET TITLE:

LANDSCAPE PLAN

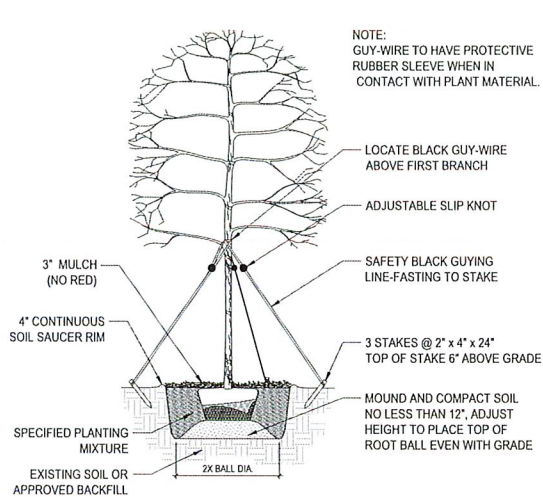
Scale: $1/8" = 1' - 0"$
 Drawn By: CC
 Checked By: CC
 Date: 06/28/2021
 SHEET NUMBER:

LP-1

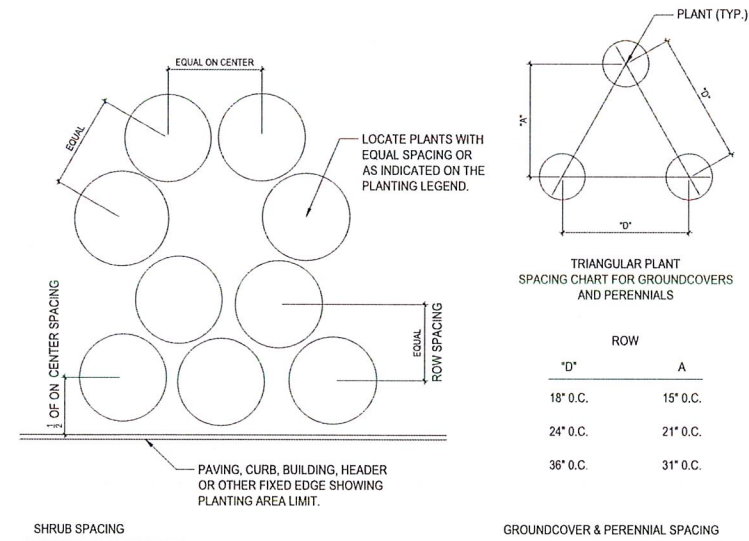




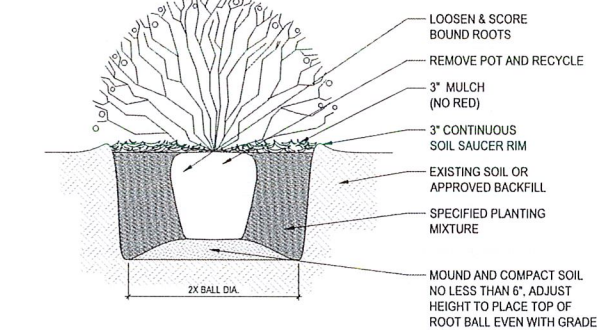
1 PALM PLANTING AND STAKING DETAIL
SCALE: N/A



2 UNDERSTORY TREE PLANTING AND STAKING DETAIL
SCALE: N/A



4 PLANT & SHRUB SPACING DETAIL
SCALE: N/A



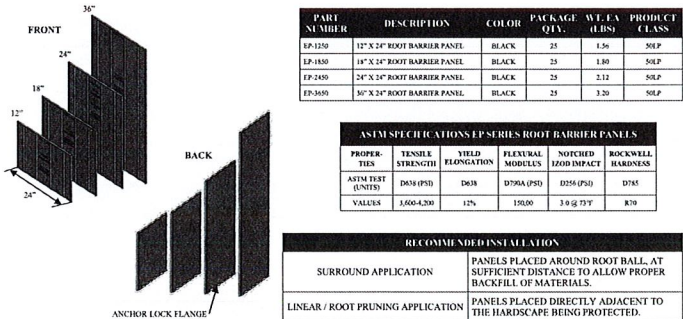
3 SHRUB PLANTING DETAIL
SCALE: N/A

GENERAL LANDSCAPE NOTES AND SPECIFICATIONS

- LANDSCAPE CONTRACTOR SHALL BECOME FAMILIAR WITH THE SCOPE OF WORK AS WELL AS THE SITE, DIGGING CONDITIONS, AND ANY OBSTACLES PRIOR TO SUBMITTING A BID.
- LANDSCAPE CONTRACTOR SHOULD VERIFY ALL ESTIMATED QUANTITIES OF MATERIAL SHOWN ON THE LANDSCAPE ARCHITECT'S DRAWINGS PRIOR TO SUBMITTING A BID.
- PLANT LIST SHALL TAKE PRECEDENCE OVER PLANTING PLAN IN CASE OF DISCREPANCIES.
- ALL PLANT MATERIAL SYMBOLS SHOWN ON LANDSCAPE PLANS SHALL BE CONSIDERED DIAGRAMMATIC AND SHOULD BE ADJUSTED IN THE FIELD BY LANDSCAPE CONTRACTOR TO AVOID ALL UTILITIES AND ALL OTHER OBSTRUCTIONS.
- ALL SIZES SPECIFIED FOR PLANT MATERIAL ON THE PLAN AND PLANT LIST SHALL BE CONSIDERED MINIMUM.
- ALL PLANT MATERIAL MUST MEET OR EXCEED THE SPECIFIED MINIMUM REQUIREMENTS FOR BOTH HEIGHT AND SPREAD.
- ALL MATERIAL SHALL BE SUBJECT TO AVAILABILITY AT TIME OF INSTALLATION.
- ALL TREES, PALMS, SHRUBS AND GROUND COVERS SHALL BE GUARANTEED FOR A PERIOD OF 6 MONTHS FROM DATE OF FINAL ACCEPTANCE.
- LANDSCAPE CONTRACTOR SHALL LOCATE AND VERIFY ALL UNDERGROUND UTILITIES OR STRUCTURES PRIOR TO DIGGING.
- LANDSCAPE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR, THE REMOVAL OF ALL BUILDING CONSTRUCTION DEBRIS AND FOREIGN MATERIAL PRIOR TO INSTALLATION OF ANY PLANT MATERIAL.
- SITE PREPARATION SHOULD INCLUDE THE ERADICATION AND REMOVAL OF ANY WEEDS OR GRASS, REMOVAL AND CLEAN UP OF ANY DEAD MATERIAL AND ROUGH AND FINISH GRADING PER SPECS AND OR LANDSCAPE PLANS.
- FOR PLANT MATERIAL DESIGNATED TO BE REMOVED, THE ENTIRE ROOT SYSTEM SHALL BE DUG AND REMOVED FROM THE SITE.
- ALL PLANTING AREAS SHOULD RECEIVE AN 80/20 MIX FILL SOIL. SAND USED IN
- ALL PLANT MATERIAL SHALL BE FLORIDA NO. 1 OR BETTER AS SET FORTH IN THE FLORIDA DEPARTMENT OF AGRICULTURE 'GRADES AND STANDARDS FOR NURSERY PLANTS' SECOND EDITION FEB. 1998 INCLUDING REVISIONS AND WHICH MEET OR EXCEED THE SIZES INDICATED IN THE PLANTING SCHEDULE AND DETAILS.
- ALL TREES SHALL BE STAKED IN A GOOD WORKMANLIKE MANNER. NO NAIL STAKING PERMITTED. (REFER TO BRACING NOTES AND PLANTING DETAILS)
- AFTER REMOVAL OR RELOCATION OF EXISTING TREES AND PALMS, ALL REMAINING HOLES SHALL BE BACK FILLED AROUND AND UNDER ROOT BALL.
- ALL EXISTING PLANT MATERIAL TO REMAIN, SHALL BE PROTECTED DURING ALL CONSTRUCTION PHASES. ANY PLANT MATERIAL SCARRED OR DESTROYED DESIGNATED TO REMAIN MUST BE REPLACED AT THE CONTRACTOR'S EXPENSE WITH SIMILAR SPECIES SIZE AND QUALITY.
- ALL TREES AND ALL PLANTING BEDS TO BE TOPPED WITH 3" MIN. "GRADE A" ORGANIC MULCH (MELALEUCA IS PREFERRED), UNLESS OTHERWISE NOTED. (CYPRESS MULCH AND RED MULCH SHALL NOT BE USED).
- ALL TREES SHALL HAVE 2" CALIPER AT D.B.H. MINIMUM FOR A 12' HEIGHT TREE, UNLESS NOTED OTHERWISE.
- ALL 1 GALLON MATERIAL SHALL HAVE 12" SPREAD MINIMUM, ALL 3 GALLON MATERIAL TO HAVE 18-24" SPREAD MINIMUM.
- ALL PLANTING AREAS WITHIN THE LIMITS OF WORK SHALL RECEIVE 100% COVERAGE BY AUTOMATIC IRRIGATION SYSTEM (DRIP PREFERRED) UNLESS OTHERWISE DIRECTED BY OWNER. SEE IRRIGATION PLANS FOR ADDITIONAL SPECIFICATIONS.
- LANDSCAPE CONTRACTOR TO COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH IRRIGATION CONTRACTOR. IRRIGATION TIME CLOCK TO BE HARD WIRED ON COMPLETION. LANDSCAPE CONTRACTOR SHALL HAND WATER OR ARRANGE FOR WATERING DURING PLANTING UNTIL IRRIGATION SYSTEM IS 100% OPERABLE. THIS IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- LANDSCAPE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER APPROPRIATE CONTRACTORS.
- THE LANDSCAPE CONTRACTOR SHALL AT ALL TIMES KEEP THE JOB SITE CLEAN AND FREE FROM ACCUMULATION OF WASTE MATERIAL, DEBRIS, AND RUBBISH.
- LANDSCAPE PLAN SHALL BE INSTALLED IN COMPLIANCE WITH ALL LOCAL CODES.
- THESE DRAWINGS, DOCUMENTS, AND ALL CONTENTS ARE THE PROPERTY OF CHRIS CABEZAS LANDSCAPE ARCHITECTURE, INC. ALL RIGHTS ARE RESERVED. UNAUTHORIZED USE OR PRODUCTION, IN PART OR WHOLE, FOR ANY PURPOSE IS UNLAWFUL AND PROHIBITED EXCEPT BY EXPRESS WRITTEN CONSENT.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS OR APPROVALS FROM THE FEDERAL, STATE OR LOCAL GOVERNMENT REQUIRED FOR THE WORK INCLUDED IN THIS CONTRACT AND ON THESE DRAWINGS.
- NOTIFY THE OWNER AND LANDSCAPE ARCHITECT OF ANY UNFORESEEN CONDITIONS, I.E., COMPACTED SOIL / SUBGRADE, POOR DRAINAGE, UNCONSOLIDATED SOIL, EROSION, UTILITY CONFLICTS, EXCESSIVE SUN OR SHADE, ETC., PRIOR TO PROCEEDING WITH LANDSCAPE INSTALLATION.
- ALL PLANTS, MATERIALS AND WORKMANSHIP ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER.

TREE DISPOSITION							
Tree Number	Botanical Name	Common Name	DBH (Inches)	Height (FT)	Canopy (FT)	Disposition	Condition
1	Thrinax radiata	Florida Thatch Palm	3"	18'	6'	Remain	Good
2	Veitchia merrillii	Christmas Palm	8"	10'	10'	Remain	Good
3	Veitchia merrillii	Christmas Palm	8"	10'	10'	Remain	Good
4	Syagrus romanzoffiana	Queen Palm	8"	10'	10'	Remain	Fair
5	Veitchia merrillii	Christmas Palm	8"	10'	10'	Remain	Good
6	Veitchia merrillii	Christmas Palm	8"	10'	10'	Remain	Good
7	Swietenia mahagoni	Mahogany Tree	24"	35'	35'	Remain	Fair
8	Bucida buceras	Black Olive Tree	24"	35'	45'	Remain	Fair
9	Bucida buceras	Black Olive Tree	24"	50'	50'	Remain	Fair
10	Swietenia mahagoni	Mahogany Tree	24"	35'	35'	Off-Site	Fair
11	Quercus virginiana	Live Oak	6"	18'	15'	Off-Site	Fair
12	Quercus virginiana	Live Oak	24"	35'	35'	Off-Site	Fair
13	Mangifera indica	Mango	36"	40'	40'	Off-Site	Fair
14	Bischofia javanica	Bishopwood	24"	15'	20'	Off-Site	Fair
15	Heptapleurum actinophyllum	Umbrella Tree	8"	18'	15'	Off-Site	Fair
16	Araucaria heterophylla	Norfolk Pine	20"	15'	12'	Off-Site	Fair
17	Heptapleurum actinophyllum	Umbrella Tree	15"	30'	20'	Off-Site	Fair
18	Mangifera indica	Mango	12"	35'	30'	Off-Site	Fair
19	Mangifera indica	Mango	12"	35'	30'	Off-Site	Fair
20	Ficus benjamina	Weeping Fig	12"	35'	30'	Off-Site	Fair
21	Heptapleurum actinophyllum	Umbrella Tree	8"	18'	15'	Off-Site	Fair
22	Ficus benjamina	Weeping Fig	15"	50'	30'	Off-Site	Fair
23	Ficus benjamina	Weeping Fig	15"	50'	30'	Off-Site	Fair
24	Jatropha	Jatropha	6"	10'	8'	Remain	Fair

PLANT SCHEDULE							
TREES	QTY	Scientific Name	Common Name	Specs	Native	Drought Tolerant	Notes
BAR	3	Bulnesia arborea	Verawood	12' HT, 2" CAL, 6" SPR		✓	Standard
CER	2	Conocarpus erectus	Green Buttonwood	12' HT, 2" CAL, 6" SPR	✓	✓	Standard
CES	5	Conocarpus erectus 'Sericeus'	Silver Buttonwood	12' HT, 2" CAL, 6" SPR	✓	✓	Standard
PALMS	QTY	Scientific Name	Common Name	Specs	Native	Drought Tolerant	Notes
AME	1	Adonidia merrillii	Christmas Palm	12' HT, Triple		✓	
RRE	4	Roystonea regia	Royal Palm	10' CT, 12" DBH Min.	✓	✓	
TRA	4	Thrinax radiata	Florida Thatch Palm	6-8' HT, 3-4' CT	✓	✓	
SHRUBS	QTY	Scientific Name	Common Name	Specs	Native	Drought Tolerant	Notes
AZ	25	Alpinia zerumbet	Shell Ginger	24" HT x 12" SPR			30" O.C.
FM	115	Ficus microcarpa 'Green Island'	Ficus 'Green Island'	3 Gallon, Full		✓	24" O.C.
MC	65	Muhlenbergia capillaris	Pink Muhly Grass	24" HT x 12" SPR	✓	✓	24" O.C.
PB	45	Philodendron 'Burle Marx'	Same	24" HT x 12" SPR			24" O.C.
CI	90	Chrysobalanus icaco	Cocoplum	24" HT x 12" SPR	✓	✓	24" O.C.
GROUND COVER	QTY	Scientific Name	Common Name	Specs	Native	Drought Tolerant	Notes
LC	158	Lantana Camera 'New Gold'	Same	1 Gallon, Full			24" O.C.
ACCENTS	QTY	Scientific Name	Common Name	Specs	Native	Drought Tolerant	Notes
AB	9	Aechmea blanchetiana 'Orange'	Same	7 Gallon, Full			
CF	10	Cordyline fruticosa 'Auntie Lou'	Ti Plant	3 Gallon, Full			
SR	8	Strelitzia reginae	Orange Bird of Paradise	3 Gallon, Full			
VINES	QTY	Scientific Name	Common Name	Specs	Native	Drought Tolerant	Notes
NV	17	Pentalinon luteum	Wild Allamanda Vine	3 Gallon, Full	✓	✓	Native Vine on Trellis



CHRIS CABEZAS
LANDSCAPE ARCHITECTURE, INC.
80 NE 5TH AVENUE
DELRAY BEACH, FL 33483
561.596.6771 | chriscabezas@gmail.com
www.chriscabezaslandscape.com

PROJECT:
6400 PINES BOULEVARD PEMBROKE PINES FLORIDA, 33024
LANDSCAPE PERMIT DRAWINGS
CLIENT:
BOYD-PANCIERA FAMILY FUNERAL CARE

REVISIONS:	
Δ 08/14/21	CITY COMMENTS
Δ 11/02/21	CITY COMMENTS
No.	Date Description

SEAL:
LANDSCAPE ARCHITECT: Christopher Cabezas

Christo
pher R
Cabezas

Digitally signed by Christopher R Cabezas
Date: 2021.11.08 09:55:16 -05'00'

REGISTRATION NO. RLA 6687347
SHEET TITLE:

PLANTING DETAILS
+ SPECIFICATIONS

Scale: 1/8" = 1' - 0"
Drawn By: CC
Checked By: CC
Date: 06/28/2021
SHEET NUMBER:

LP-2

ROOT BARRIER - NDS ROOT BARRIER PANEL SYSTEM (OR APPROVED EQUAL)