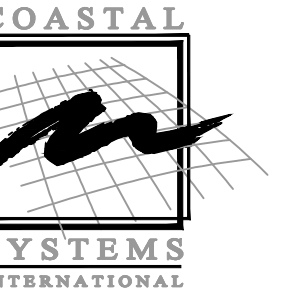


S:\Coastal Systems International\MiaMarina\Electrical\17041-E-2.0-Electrical Pedestal Details.dwg

MIAMARINA PIER 5
IMPROVEMENTS
CITY OF MIAMI,
FLORIDA

PERMIT PLANS

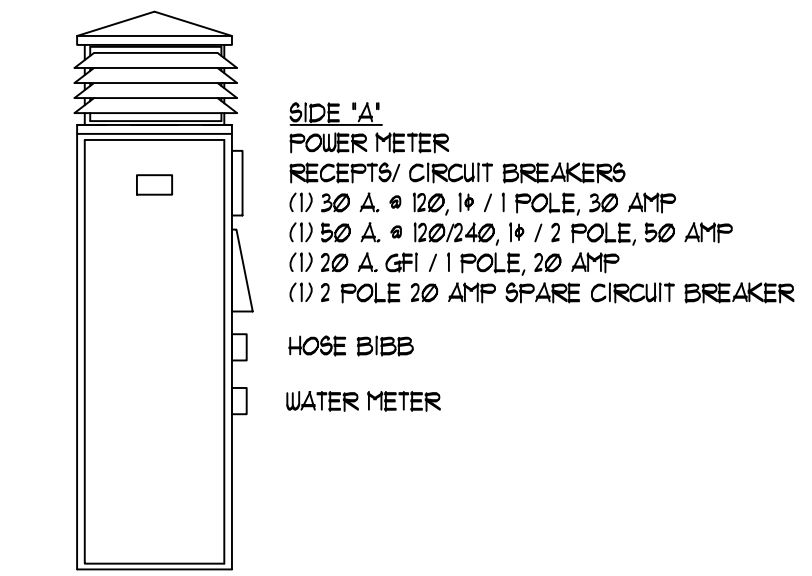


COASTAL SYSTEMS INTERNATIONAL, INC.
464 South Dixie Highway
Coral Gables, Florida 33146
Tel: 305-661-3655
Fax: 305-661-1914
www.CoastalSystemsInt.com
State of Florida EB #7087
Coastal, Environmental,
Civil Engineering and Management

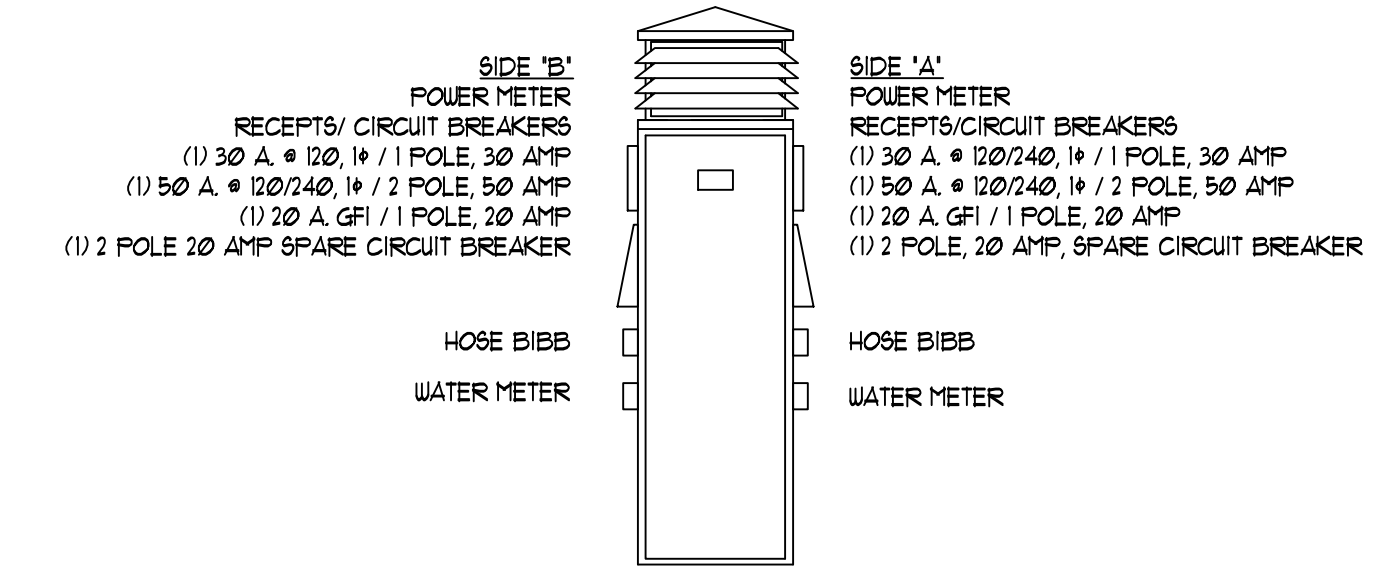
CONSULTANTS

PROJECT NO.: 17041

BASULTO ASSOCIATES
CONSULTING ENGINEERS
René I. Basulto, PE 14160 Palmetto Frontage Road
PE 40869 - FL CA06722 Suite 22, Miami Lakes, FL 33016
www.basulto.com 305.698.3988, fax: 305.698.3989



PEDESTAL TYPE I				
MANUFACTURER	CATALOG NUMBER	CONNECTED LOAD	SUPPLY AMPS	SUPPLY VOLTAGE
MARINA POWER NO SUBSTITUTION	* PCH999 A(GFI) B(GFI) D(GFI)-LED-LK-ULK- PC-1M-UM-W-TFL-2 POLE 20	12.0 KYA	50	120/240, 1P



PEDESTAL TYPE II				
MANUFACTURER	CATALOG NUMBER	CONNECTED LOAD	SUPPLY AMPS	SUPPLY VOLTAGE
MARINA POWER NO SUBSTITUTIONS	* PCH999 2A(GFI) 2B(GFI) 2D(GFI)-LED-LK-2ULK- PC-2M-2UM-2UL-TFL-2-2 POLE 20	24.0 KYA	100	120/240, 1P

ISSUE	DATE	DESCRIPTION
PROJECT NO:	220260	
DATUM:	NGVD 29	
DRAWN BY:	DT	
CHECKED BY:	CY	

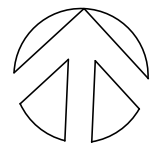
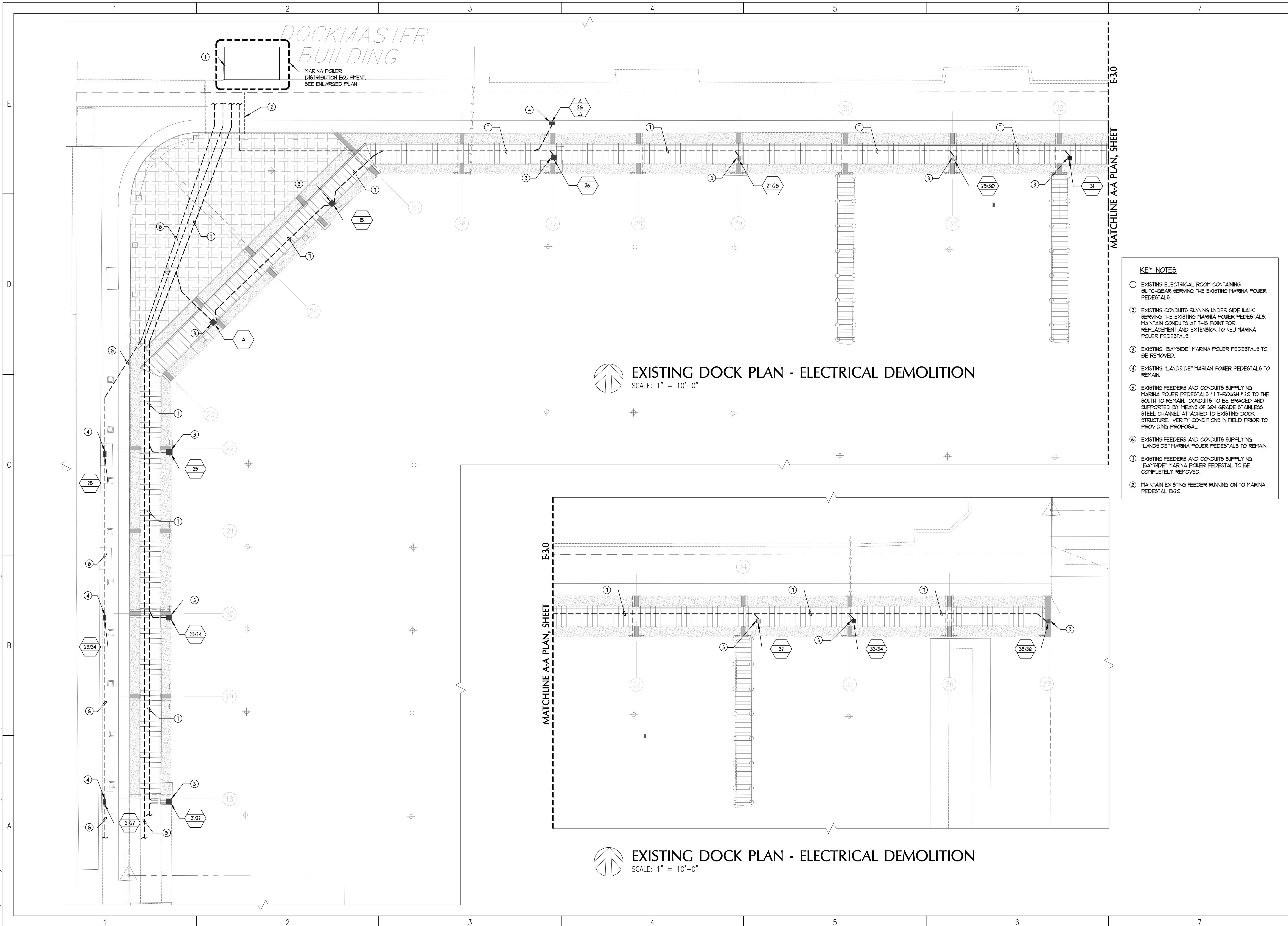
ENGINEER OF RECORD

RENE I. BASULTO, P.E.
PE# 40869

ELECTRICAL PEDESTAL
DETAILS

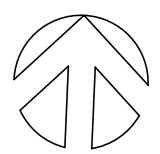
E-2.0

S:\Coastal Systems International\MiaMarina\Electrical\17041-E-3.0-Demo Electrical Site Plan.dwg



EXISTING DOCK PLAN - ELECTRICAL DEMOLITION

SCALE: 1" = 10'-0"



EXISTING DOCK PLAN - ELECTRICAL DEMOLITION

SCALE: 1" = 10'-0"

KEY NOTES

- ① EXISTING ELECTRICAL ROOM CONTAINING SWITCHGEAR SERVING THE EXISTING MARINA POWER FEDESTALS.
- ② EXISTING CONDUITS RUNNING UNDER SIDE WALK SERVING THE EXISTING MARINA POWER FEDESTALS. MAINTAIN CONDUITS AT THIS POINT FOR REPLACEMENT AND EXTENSION TO NEW MARINA POWER FEDESTALS.
- ③ EXISTING "BAYSIDE" MARINA POWER FEDESTALS TO BE REMOVED.
- ④ EXISTING "LANDSIDE" MARINA POWER FEDESTALS TO REMAIN.
- ⑤ EXISTING FEEDERS AND CONDUITS SUPPLYING MARINA POWER FEDESTALS # 11 THROUGH # 20 TO THE SOUTH TO REMAIN. CONDUITS TO BE BRACED AND SUPPORTED BY MEANS OF 3/4" GRADE STAINLESS STEEL CHANNEL ATTACHED TO EXISTING DOCK STRUCTURE. VERIFY CONDITIONS IN FIELD PRIOR TO PROVIDING PROPOSAL.
- ⑥ EXISTING FEEDERS AND CONDUITS SUPPLYING "LANDSIDE" MARINA POWER FEDESTALS TO REMAIN.
- ⑦ EXISTING FEEDERS AND CONDUITS SUPPLYING "BAYSIDE" MARINA POWER FEDESTAL TO BE COMPLETELY REMOVED.
- ⑧ MAINTAIN EXISTING FEEDER RUNNING ON TO MARINA FEDESTAL 19/20.

MIAMARINA PIER 5 IMPROVEMENTS CITY OF MIAMI, FLORIDA

PERMIT PLANS



COASTAL SYSTEMS INTERNATIONAL, INC.

464 South Dixie Highway
Coral Gables, Florida 33146
Tel: 305-661-3655
Fax: 305-661-1914
www.CoastalSystemsInt.com
State of Florida EB #7087
Coastal, Environmental,
Civil Engineering and Management

CONSULTANTS

PROJECT NO.: 17041



René I. Basulto, PE 14160 Palmetto Frontage Road
PE 40869 - FL CA06722 Suite 22, Miami Lakes, FL 33016
www.basulto.com 305.698.3988, fax: 305.698.3989

ISSUE	DATE	DESCRIPTION
PROJECT NO:	220260	
DATUM:	NGVD 29	
DRAWN BY:	DT	
CHECKED BY:	CY	

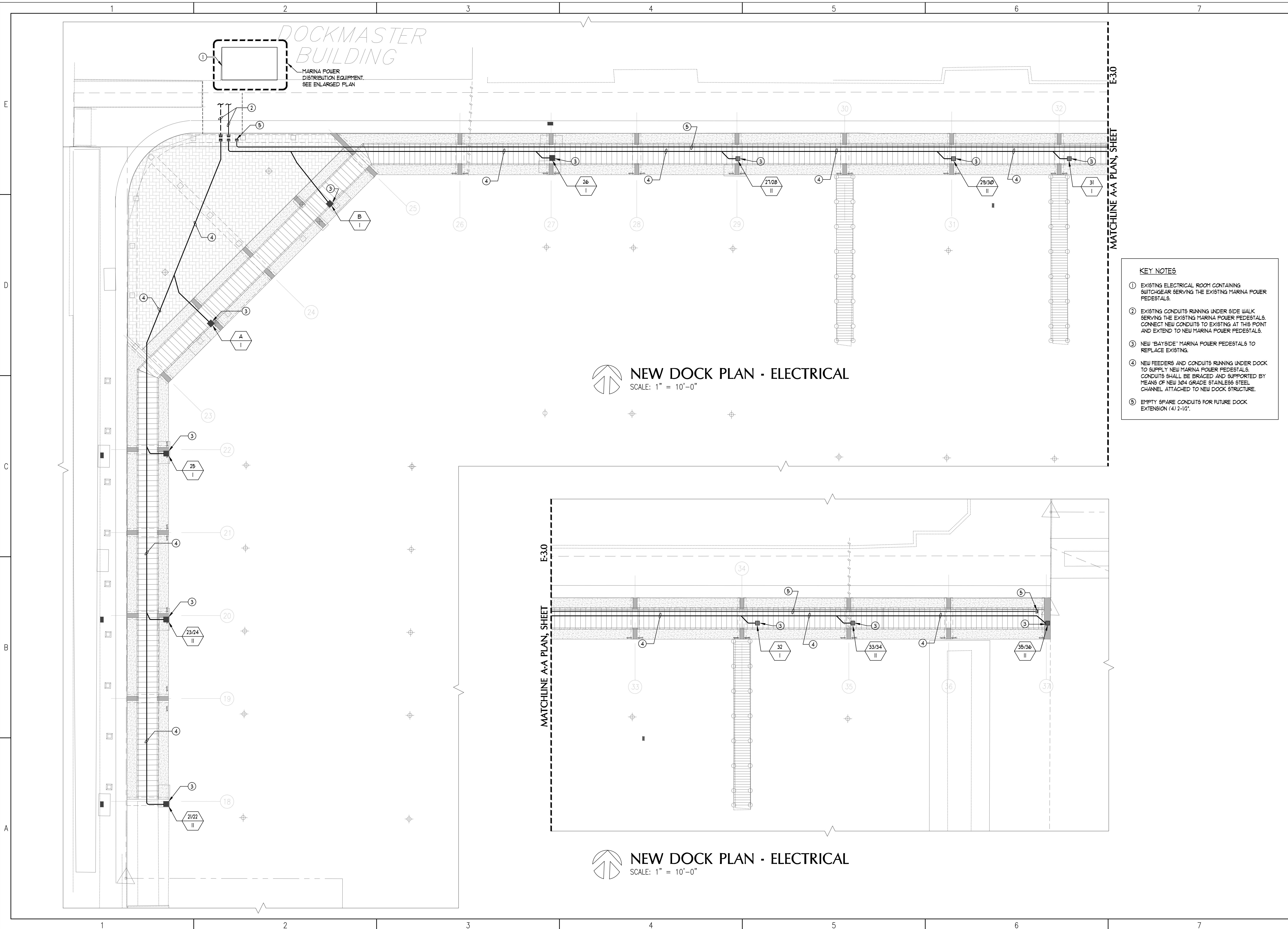
ENGINEER OF RECORD

RENÉ I. BASULTO, P.E.
PE# 40869

DEMOLITION
ELECTRICAL
SITE PLAN

E-3.0

S:\Coastal Systems International\MiaMarina\Electrical\17041-E-3.1-New Electrical Site Plan.dwg



DOCKMASTER BUILDING
MARINA POWER DISTRIBUTION EQUIPMENT. SEE ENLARGED PLAN.

NEW DOCK PLAN - ELECTRICAL
SCALE: 1" = 10'-0"

NEW DOCK PLAN - ELECTRICAL
SCALE: 1" = 10'-0"

- KEY NOTES**
- ① EXISTING ELECTRICAL ROOM CONTAINING SWITCHGEAR SERVING THE EXISTING MARINA POWER PEDESTALS.
 - ② EXISTING CONDUITS RUNNING UNDER SIDE WALK SERVING THE EXISTING MARINA POWER PEDESTALS. CONNECT NEW CONDUITS TO EXISTING AT THIS POINT AND EXTEND TO NEW MARINA POWER PEDESTALS.
 - ③ NEW 'BAYSIDE' MARINA POWER PEDESTALS TO REPLACE EXISTING.
 - ④ NEW FEEDERS AND CONDUITS RUNNING UNDER DOCK TO SUPPLY NEW MARINA POWER PEDESTALS. CONDUITS SHALL BE BRACED AND SUPPORTED BY MEANS OF NEW 304 GRADE STAINLESS STEEL CHANNEL ATTACHED TO NEW DOCK STRUCTURE.
 - ⑤ EMPTY SPARE CONDUITS FOR FUTURE DOCK EXTENSION (4) 2-1/2'.

MIAMARINA PIER 5 IMPROVEMENTS
CITY OF MIAMI, FLORIDA

PERMIT PLANS



COASTAL SYSTEMS INTERNATIONAL, INC.
464 South Dixie Highway
Coral Gables, Florida 33146
Tel: 305-661-3655
Fax: 305-661-1914
www.CoastalSystemsInt.com
State of Florida EB #7087
Coastal, Environmental,
Civil Engineering and Management

CONSULTANTS

PROJECT NO.: 17041
BASULTO ASSOCIATES
CONSULTING ENGINEERS
René I. Basulto, PE 14160 Palmetto Frontage Road
PE 40869 - FL CA06722 Suite 22, Miami Lakes, FL 33016
www.basulto.com 305.698.3988, fax: 305.698.3989

ISSUE	DATE	DESCRIPTION
PROJECT NO:	220260	
DATUM:	NGVD 29	
DRAWN BY:	DT	
CHECKED BY:	CY	

ENGINEER OF RECORD

RENE I. BASULTO, P.E.
PE# 40869

ELECTRICAL SITE PLAN

E-3.1

