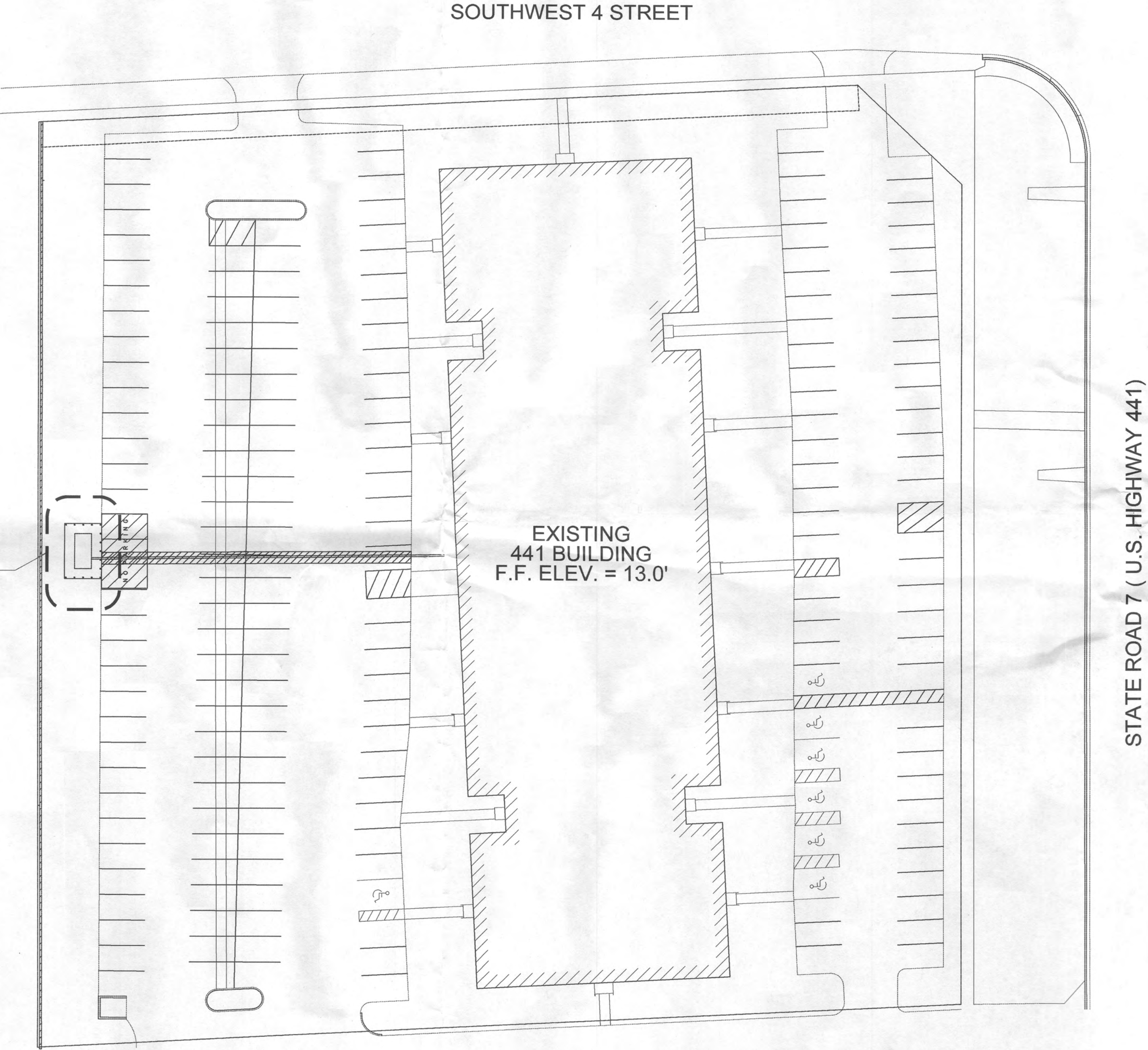


CONCRETE PAD FOR EMERGENCY GENERATOR 441 BUILDING MARGATE, FLORIDA



NOTE

THIS DRAWING BASED UPON INFORMATION PER SURVEY DRAWING BY JOHN B. SMITH ENGINEERS, FILE NUMBER 17-138, DATED MAY, 2017.

LEGAL DESCRIPTION

A PORTION OF TRACT 'A', APPLGREEN SUBDIVISION, PLAT BOOK 77, PAGE 38, BROWARD COUNTY, FLORIDA.



SITE PLAN - GENERATOR LOCATION AT 3580 BUILDING FULFILLMENT CENTER
1/32"=1'-0"

SCOPE OF WORK

- EXISTING UTILITIES TO BE LOCATED, VERIFIED FOR CONFLICTS AND PRECAUTIONS.
- PERIMETER PRECAUTIONS AS REQUIRED. EXCAVATIONS FOR CONSTRUCTION PER PLANS.
- GENERATOR CONCRETE PAD CONSTRUCTED PER ARCHITECTURAL AND STRUCTURAL PLANS, FOR INSTALLATION OF GENERATOR AND TRANSFER CABINET PER MANUFACTURER RECOMMENDATIONS.

INDEX OF DRAWINGS			
DRAWING	CONTENTS	DRAWING	CONTENTS
ARCHITECTURAL		STRUCTURAL	
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A-2	GENERATOR PAD		

7/10/17
ARCHITECT :
ROBERT M. DECAMILLO
LIC. # 4815
FIRM LIC. # 000090

DRAWN BY
FB 01615
DATE
7-10-17
REVISIONS

441 & 541 BUILDINGS, LLC
777 SOUTH STATE ROAD 7
MARGATE, FLORIDA 33068

CONCRETE PAD FOR EMERGENCY GENERATOR
441 BUILDING
441 SOUTH STATE ROAD 7
MARGATE, FLORIDA

ROBERT DeCAMILLO
4488 SEA GRAPE DRIVE, LAUDERDALE BY THE SEA, FLORIDA 33308 TEL: 954-328-5446

SHEET NO.
A-1
OF 3
COMM. NO.
17-000
SITE PLAN
INDEX

STRUCTURAL NOTES

1. SOIL

A. GEOTECHNICAL EVALUATION AND RECOMMENDATION OF SOIL IS REQUIRED. DESIGN SOIL BEARING PRESSURE = 2000 PSF.

B. TOP SOIL AND ALL ORGANIC AND DELETERIOUS MATERIAL SHALL BE COMPLETELY REMOVED AT LEAST FIVE FEET BEYOND THE EXTERIOR OF EACH BUILDING. CLEAN WELL GRADED SAND SHALL BE USED FOR BACK FILL, INSTALLED IN MAXIMUM OF 9" LIFTS. EACH LIFT OF FILL SHALL BE 95% OF MODIFIED PROCTOR DENSITY DETERMINED IN ACCORDANCE WITH ASTM COMPACTED TO 98 D-1557.

2. STRUCTURAL STEEL

A. SHALL CONFORM TO ASTM DESIGNATIONS A-36, A-325, A-500 AS APPLICABLE AND AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS DATED 1989. BOLTS AND WELDING MATERIALS SHALL CONFORM TO APPLICABLE PROVISIONS OF AISC SPECIFICATIONS, AND AWS RECOMMENDATIONS.

B. FIELD CONNECTIONS SHALL BE WELDED OR BOLTED AS SPECIFIED. SHOP WELDING OR WHERE FIELD WELDING IS REQUIRED SHALL BE CERTIFIED WELDERS ONLY. ALL STRUCTURAL STEEL SHALL RECEIVE ONE SHOP COAT OF RUST INHIBITIVE PRIMER PAINT UNLESS NOTED OTHERWISE.

C. THE FABRICATOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE PRIOR TO FABRICATION.

3. CONCRETE

A. ALL CONCRETE UNLESS OTHERWISE NOTED: $f'_c = 3000$ PSI

B. SUBMIT MIX DESIGN FOR ACCEPTANCE PRIOR TO CONCRETE PLACEMENT.

C. PEA ROCK PUMP MIX NOT PERMITTED.

D. MAXIMUM WATER/CEMENT RATIO (W/C) = 0.58

4. CONCRETE CONSTRUCTION

ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE STANDARD: "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-08). STRENGTH DESIGN METHOD.

5. CONCRETE COVER

A. FOOTINGS AND FOUNDATION PADS PLACED AGAINST THE GROUND 3".

B. CONCRETE SURFACE AFTER REMOVAL OF FORMS EXPOSED TO WEATHER OR GROUND:
NO. 5 OR SMALLER 1 1/2"
NO. 6 OR LARGER 2"

C. CONCRETE NOT EXPOSED TO WEATHER OR GROUND:
SLABS AND WALLS 3/4"
BEAMS AND GIRDER TIES 1 1/2"
COLUMN TIES 1 1/2"

6. REINFORCING STEEL

A. REINFORCING STEEL SHALL BE NEW BILLET BARS CONFORMING TO: ASTM A-615 GRADE 60 (#3 THRU #11) $f_y=60000$ PSI

B. ALL TERMINATING TOP REINFORCING BARS SHALL END WITH A HOOK.

7. PLACING AND SUPPORTS OF REINFORCING BARS

SHALL FOLLOW CRSI "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS, INCLUDING 1983 SUPPLEMENT" AND ACI-315.

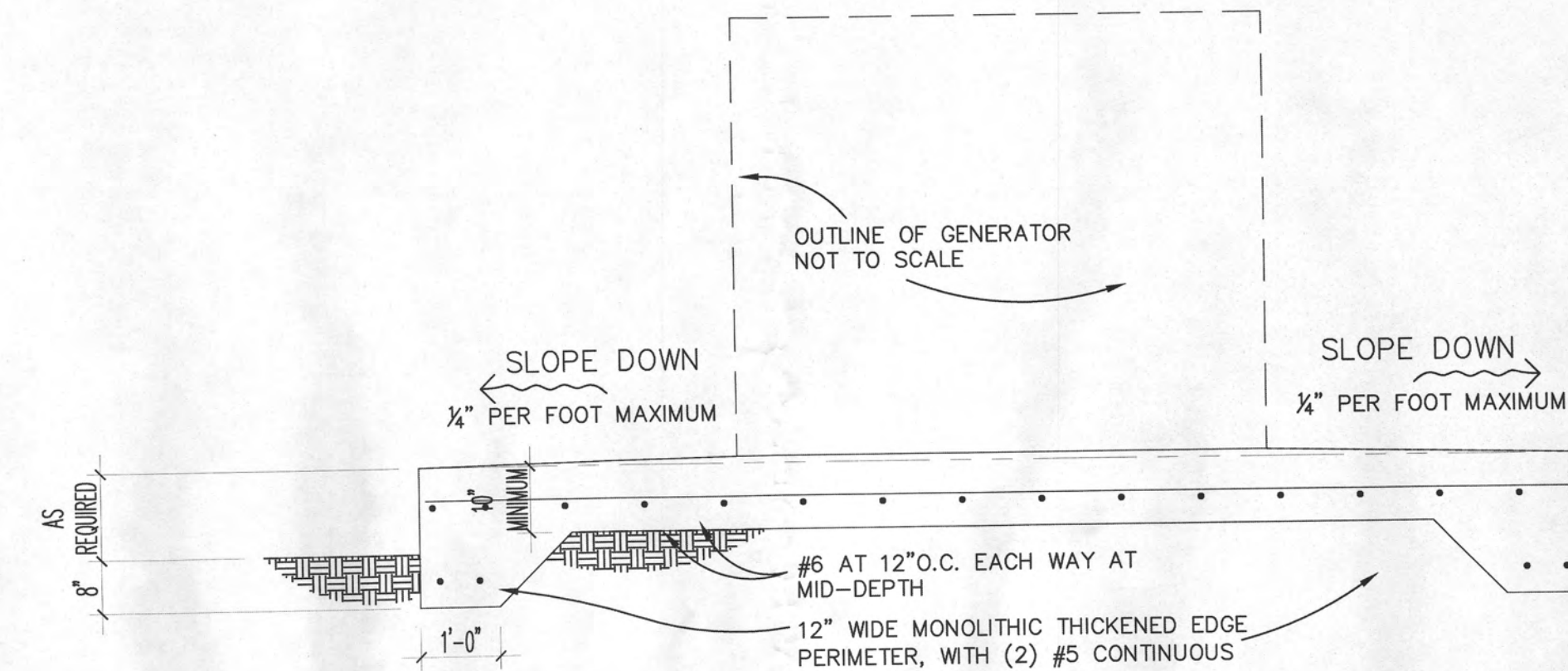


GENERATOR PAD PLAN

1/2" = 1'-0"

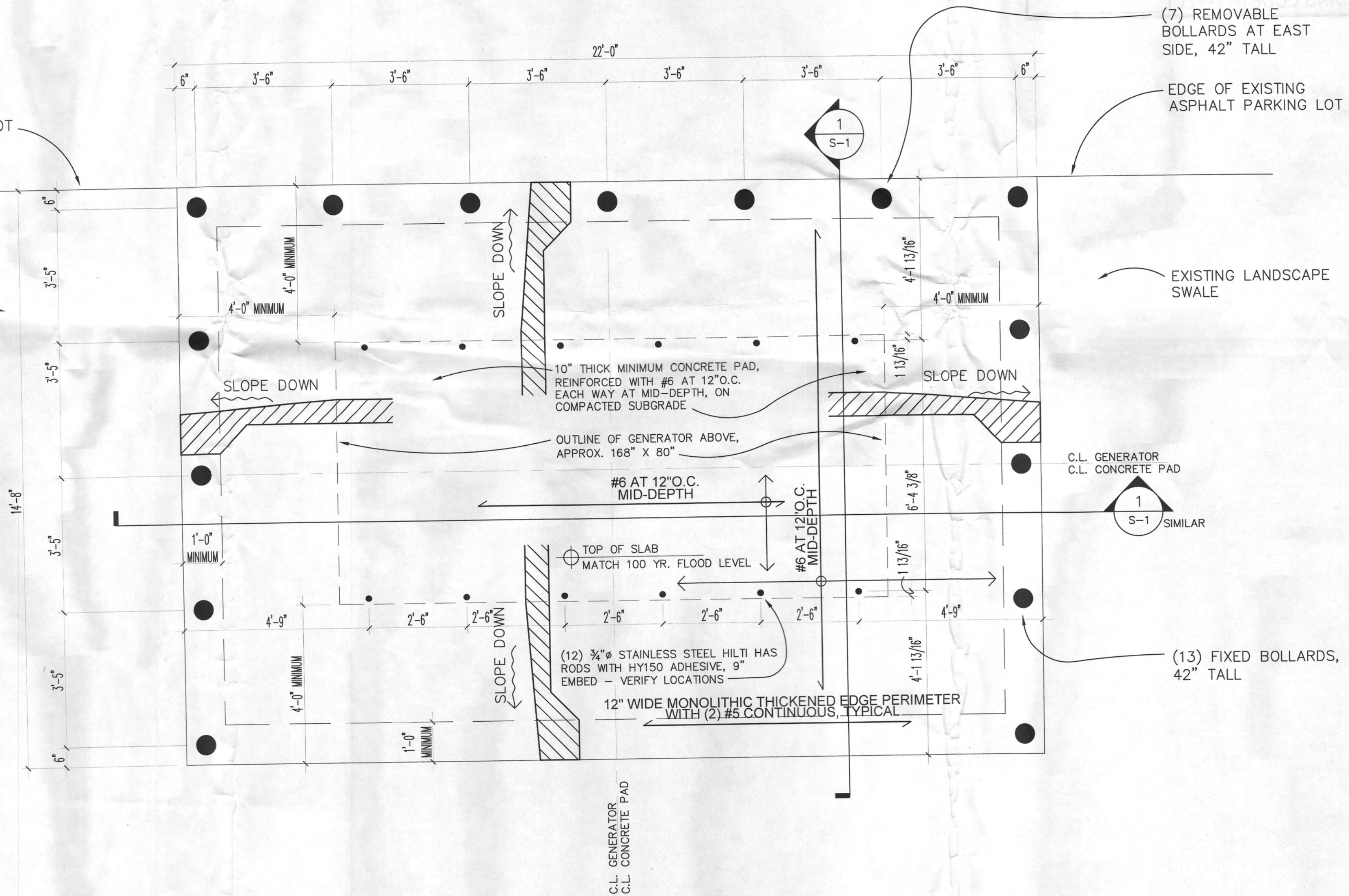
1 SLAB SECTION

1/2" = 1'-0"



EDGE OF EXISTING ASPHALT PARKING LOT

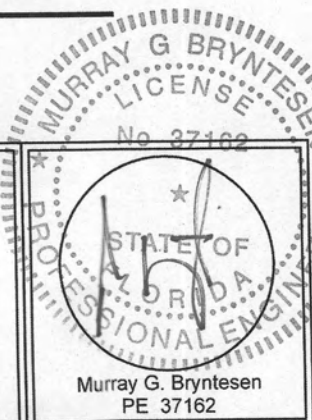
EXISTING LANDSCAPE SWALE



NOTE

1. REFER TO MANUFACTURER EQUIPMENT SHEETS FOR LOCATIONS OF ALL ANCHOR HOLES.

BRYNTESEN
STRUCTURAL ENGINEERS
E B 5099
3045 North Federal Highway - Building #80
Fort Lauderdale, Florida 33308
TEL: (954) 568-1411 FAX: (954) 568-9367
Project No: 00000 DATE: 1/22/13
Email: bryntesen@bryntesen.com



SHEET NO.
S-1
OF 1 OF 3
COMM. NO.
17-000
STRUCTURAL
PLAN &
DETAILS

ROBERT DeCAMILLO
4488 SEA GRAPE DRIVE, LAUDERDALE BY THE SEA, FLORIDA 33308 TEL: 954-328-5446

CONCRETE PAD FOR EMERGENCY GENERATOR

441 BUILDING
441 SOUTH STATE ROAD 7
MARGATE, FLORIDA

441 & 541 BUILDINGS, LLC
777 SOUTH STATE ROAD 7
MARGATE, FLORIDA 33068

DRAWN BY
FB 01615
DATE
7-3-17
REVISIONS

S. W. 4 t h S T R E E T

EXISTING PAVEMENT (TYPICAL)

S. 87°17'32"W. 323.59'

N. 46°21'14"W. 55.91'

EXISTING ONE-STORY
OFFICE BUILDING
441 S. STATE ROAD 7
FIN. FL. ELEV. 13.0

PROPOSED GENERATOR PAD
(SEE DETAIL SHEET 2)

POWER CONDUITS

PAVEMENT RESTORATION

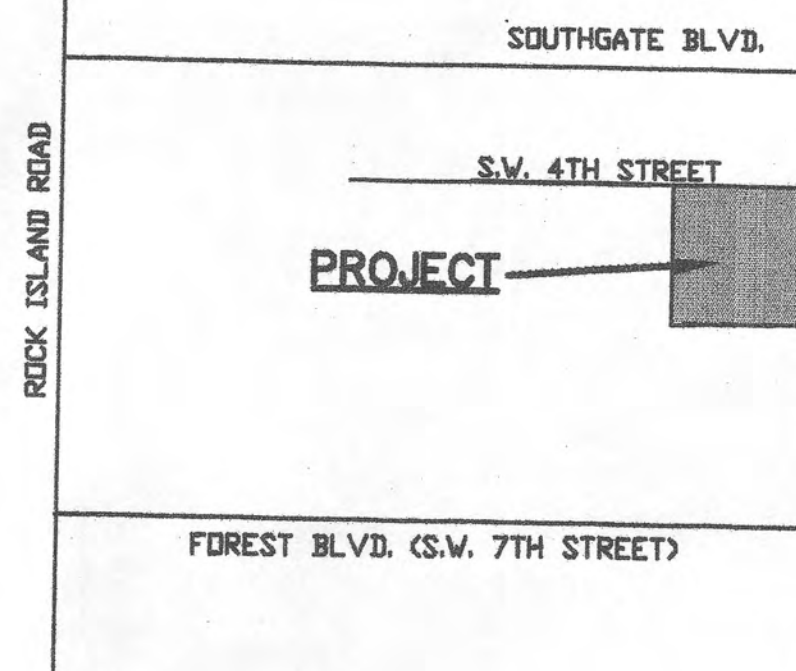
SOUTH 365.44'

EXISTING AFRICA PALMS 15' HIGH

N. 87°17'32"E. 365.41'

STATE ROAD 7 (U.S. 441)

EAST LINE SECTION 01-49S-41E



LOCATION PLAN N. T. S.

LEGAL DESCRIPTION:

A portion of Tract "A", APPLGREEN SUBDIVISION, as recorded in Plat Book 77, Page 38, of the public records of Broward County, Florida

LEGEND

- EXISTING WATER MAIN
- PROPOSED WATER MAIN
- EXISTING SEWER MAIN
- PROPOSED SEWER MAIN
- EXISTING DRAINAGE
- PROPOSED DRAINAGE
- PROPOSED ASPHALT PAVEMENT
- EXISTING PAVEMENT
- EXISTING PAVEMENT TO BE REMOVED
- EXISTING BUILDING TO BE REMOVED
- EXISTING UTILITIES TO BE REMOVED
- EXISTING ELEVATIONS
- PROPOSED ELEVATIONS
- DIRECTION OF RUN-OFF
- EXISTING TEE
- PROPOSED TEE
- EXISTING CATCH BASIN
- PROPOSED CATCH BASIN
- EXISTING VALVE
- PROPOSED VALVE
- EXISTING MANHOLE
- PROPOSED MANHOLE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT

PLAN SCALE: 1" = 20'

NOTES:

1. THE ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM - NAVD 1988
2. PROPERTY LIES IN FLOOD ZONE 'X' - AUG. 18, 2014
3. REQUIRED PARKING SPACES - 31,653 SF/4 SPACES/1000 SF = 127 SPACES
4. EXISTING PARKING SPACES - 188 LESS 3 SPACES = 185 SPACES
5. PROPOSED IMPROVEMENTS HAVE NO AFFECT ON DRAINAGE

EMERGENCY GENERATOR
SITE PLAN

777 PROPERTIES, INC.
MARGATE, FLORIDA

441 BUILDING

JOHN B. SMITH ENGINEERS, INC.
250 S.W. 6th PLACE
POMPANO BEACH, FLORIDA 33060
PHONE: (954) 783-4177
CERTIFICATE OF AUTHORIZATION NO. 1688

DESIGN R.C.S.	DRAWN RCS	DATE MAY, 2017	FILE 17-138
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Approved By: Robert C. Smith, P.E.
Registered Engineer No. 31177
SHEET C10F 2



- 1- ALL CONSTRUCTION, MATERIALS AND INSPECTIONS SHALL COMPLY WITH CURRENT STANDARDS AND SPECIFICATIONS OF THE CITY OF MARGATE, BROWARD COUNTY, FLORIDA, THE FLORIDA DEPARTMENT OF TRANSPORTATION, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION, WHERE APPLICABLE.
- 2- LOCATION OF EXISTING UTILITIES ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL LOCATE AND EXPOSE PRIOR TO CONSTRUCTION ALL EXISTING UTILITIES TO BE OPENED UP AND BRING TO THE ATTENTION OF THE ENGINEER ANY DEVIATIONS FROM THAT AS SHOWN ON THE PLANS.
- 3- ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
- 4- ALL UTILITIES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO COMMENCING PAVEMENT SUB-GRADE CONSTRUCTION.
- 5- CONTRACTOR SHALL MAINTAIN A CURRENT SET OF CONSTRUCTION PLANS ON THE JOB SITE AT ALL TIMES.

FILE: \\John B Smith\\2017\\441 GENERATOR\\138PDWS.dwg, 6/13/2017 10:54:16 AM