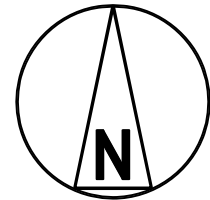


SYM52704
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ACAD 18.0s (LMS Tech)
B1 1=1



CERTIFICATION BOUNDARY POINTS					
NO.	NORTH	EAST	NO.	NORTH	EAST
1	637636.69	787616.03	21	637211.63	786382.10
2	637625.25	787282.03	22	637215.77	786496.72
3	638876.17	787237.27	23	637151.06	786499.06
4	638876.93	787258.16	24	637155.00	786608.30
5	639089.11	787253.93	25	637096.35	786610.42
6	639080.65	787047.15	26	637057.15	786652.23
7	639373.40	787032.74	27	637042.37	786968.47
8	639382.51	787348.05	28	637046.05	786990.58
9	639530.48	787345.11	29	637027.64	787235.33
10	639504.78	786632.03	30	637020.22	787264.84
11	638356.13	786673.43	31	636956.34	787297.50
12	637960.93	786705.57	32	636610.50	787373.39
13	637834.57	786688.33	33	636547.53	787451.62
14	637824.14	786402.72	34	636574.19	788695.13
15	637983.43	786396.97	35	636721.05	788688.68
16	NOT USED	NOT USED	36	636711.41	788408.44
17	NOT USED	NOT USED	37	636720.88	787983.09
18	637973.38	786118.33	38	637436.43	787948.65
19	637609.44	786131.47	39	637431.59	787765.46
20	637622.40	786368.89	40	637502.11	787762.97
			41	637496.21	787620.46

- NOTES
- JET A FUEL PIPELINE FROM THE PORT AND TERMINAL AREA TO TANKS #901 AND #902 IS EXCLUDED FROM THE CERTIFIED SITE.
 - JET A FUEL PIPELINE TO TANKS #903 AND #904 IS EXCLUDED FROM CERTIFIED SITE.
 - EXISTING COOLING WATER INLET EASEMENT TO BE INCLUDED IN CERTIFIED SITE SEE EASEMENT DETAILS.

REFERENCE DRAWINGS

PPE1-C0012-ZZ SHT 2 - AERIAL TOPOGRAPHIC SURVEY
PPE1-C0012-ZZ SHT 3 - AERIAL TOPOGRAPHIC SURVEY

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400' 200' 0 400' 800'

1"=400'

4	09/JAN/12	FOR PERMITTING PURPOSES ONLY	DAS	DAS		JCB
2	17/NOV/11	FOR PERMITTING PURPOSES ONLY	DAS	DAS		JCB
1	30/AUG/11	GENERAL REVISION	DAS	DAS		JCB
0	18/AUG/11	INITIAL ISSUE	DAS	DAS		JCB
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE APP



BLACK & VEATCH

12724 Gran Bay Parkway West
Suite 450
Jacksonville, Florida 32258
CERTIFICATE OF AUTHORIZATION
NO. 8132

ENGINEER

EEB

DRAWN

DAS

CHECKED

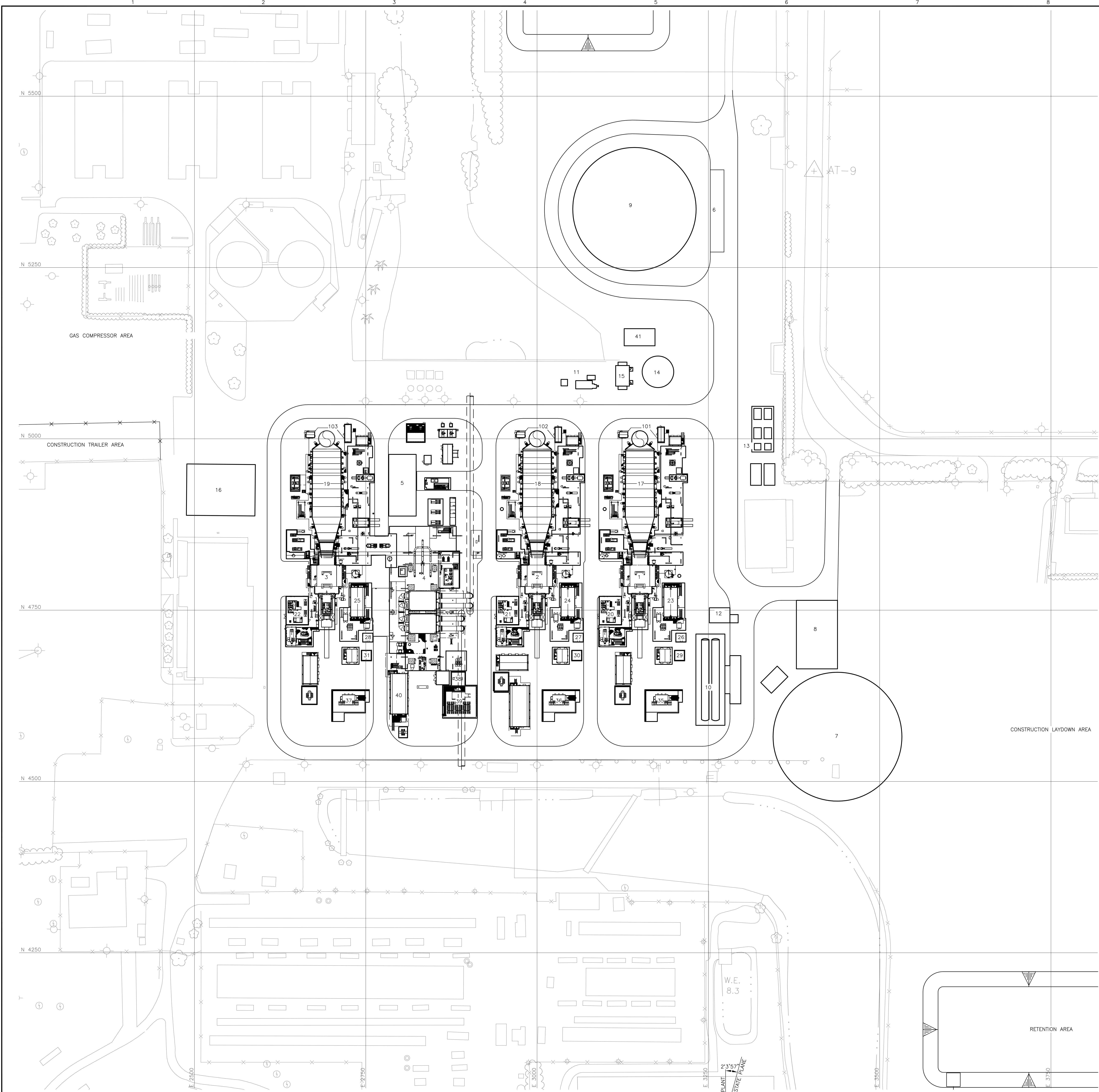
DATE

FLORIDA POWER & LIGHT

PORT EVERGLADES PLANT

CERTIFICATION BOUNDARY

PROJECT	DRAWING NUMBER	REV
	174101-DS-0002	4
CODE		
AREA		



FACILITIES LEGEND	
ITEM NO.	DESCRIPTION
1	COMBUSTION TURBINE NO. 5A
2	COMBUSTION TURBINE NO. 5B
3	COMBUSTION TURBINE NO. 5C
4	STEAM TURBINE 5
5	CONTROL/HURRICANE SHELTER
6	FUEL TRUCK UNLOADING
7	DEMINERALIZED WATER STORAGE TANK
8	DEMIN WATER TREATMENT TRAILER PARKING
9	FUEL STORAGE TANK
10	AMMONIA STORAGE TANK & TRANSFER PUMPS
11	AUX BOILER
12	H2 BULK STORAGE
13	AIR COMPRESSORS & RECEIVERS
14	FIRE WATER STORAGE TANK
15	FIRE PUMP SHELTER
16	DRY STORAGE
17	HEAT RECOVERY STEAM GENERATOR 5A
18	HEAT RECOVERY STEAM GENERATOR 5B
19	HEAT RECOVERY STEAM GENERATOR 5C
20	CT LUBE OIL EQUIPMENT 5A
21	CT LUBE OIL EQUIPMENT 5B
22	CT LUBE OIL EQUIPMENT 5C
23	CT GEN ELECT & CONT COMPT 5A
24	CT GEN ELECT & CONT COMPT 5B
25	CT GEN ELECT & CONT COMPT 5C
26	CT 480V SUS XFMR 5A
27	CT 480V SUS XFMR 5B
28	CT 480V SUS XFMR 5C
29	CT GENERATOR EXCTN XFMR 5A
30	CT GENERATOR EXCTN XFMR 5B
31	CT GENERATOR EXCTN XFMR 5C
32	NOT USED
33	NOT USED
34	NOT USED
35	CT GENERATOR STEP-UP XFMR 5A
36	CT GENERATOR STEP-UP XFMR 5B
37	CT GENERATOR STEP-UP XFMR 5C
38	ST GEN EXCITATION XFMR
39	ST GEN STEP-UP XFMR
40	ST TURB GEN ELEC EQUIPMENT
41	OIL/WATER SEPARATOR
101	UNIT 5A STACK
102	UNIT 5B STACK
103	UNIT 5C STACK

GENERAL NOTES	
1. COORDINATES SHOWN ARE PLANT GRID COORDINATES SEE DWG 174101-DS-0001 FOR SURVEY CONTROL TABLE.	

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FLORIDA POWER & LIGHT
PORT EVERGLADES PLANT

SITE ARRANGEMENT

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174101-DS-0003

DRAWING NUMBER:
1

ENGINEER: EEB
CHECKED:

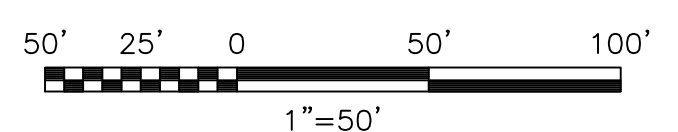
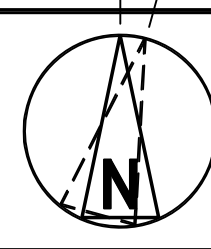
DRAWN: DAS
DATE:

CODE:

REFERENCE DWG NUMBER:

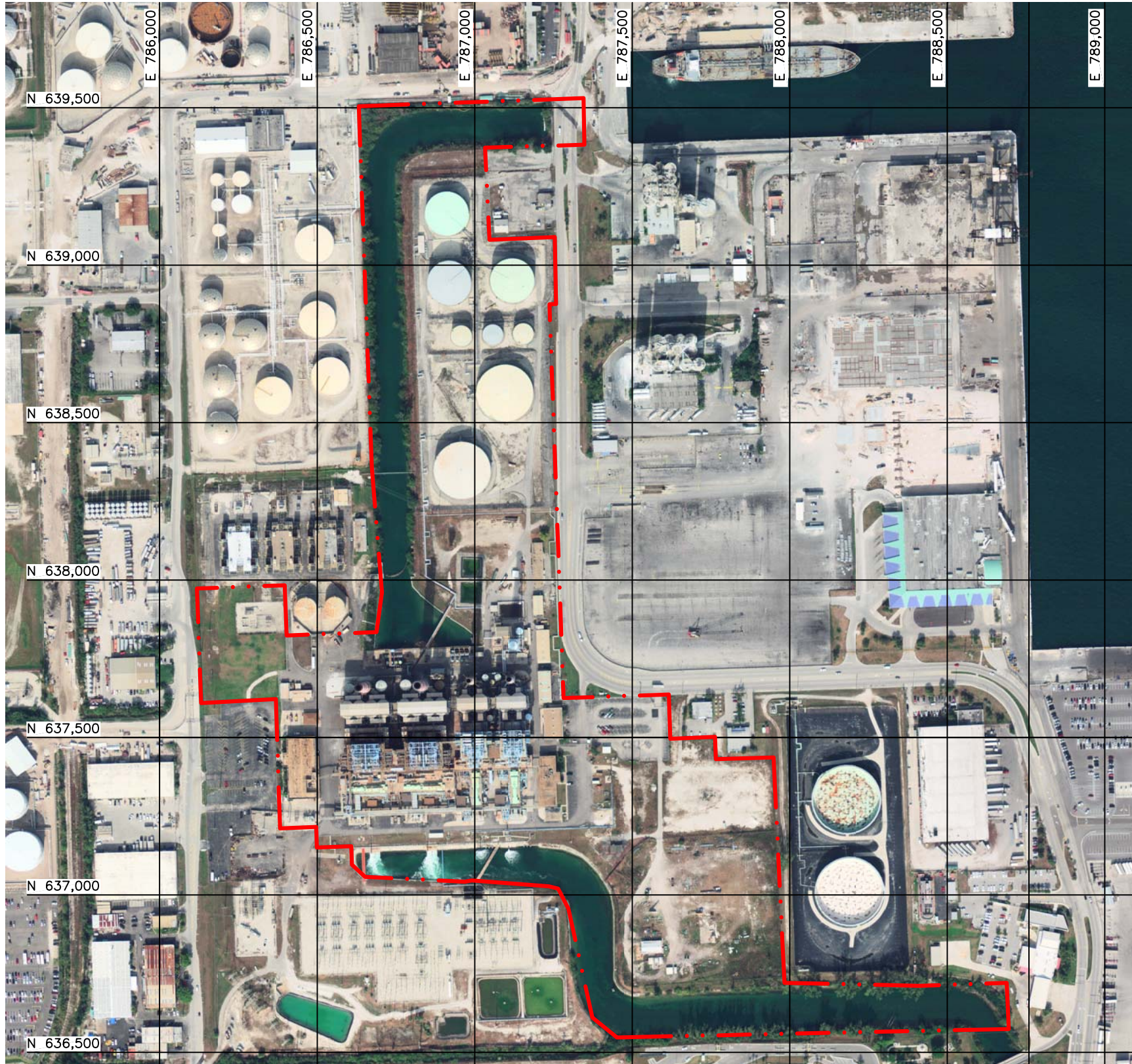
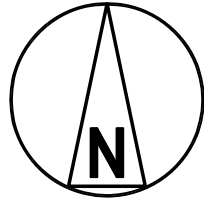
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0	17/NOV/2011	ISSUED FOR PERMITTING PURPOSES ONLY	DAS	DAS	JCB
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK



BLACK & VEATCH ENGINEER: EEB CHECKED:	12244 Sun Bay Parkway West Suite 400 Fort Lauderdale, Florida 33328 OFFICE OF AUTHORIZATION DRAWN: DAS DATE:
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SYM52704 ACAD 18.0s (LMS Tech)
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01/10/12 08:17:45



LEGEND

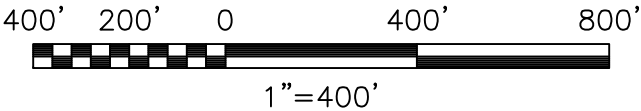
 FPL PORT EVERGLADES PLANT
(TO BE CERTIFIED)

CONSTRUCTION PARKING & LAYDOWN AREA

NOTE:
1. CONSTRUCTION CRAFT PARKING TO BE OFFSITE.

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DRAWING TO THE LATEST CONTROLLED
VERSION.

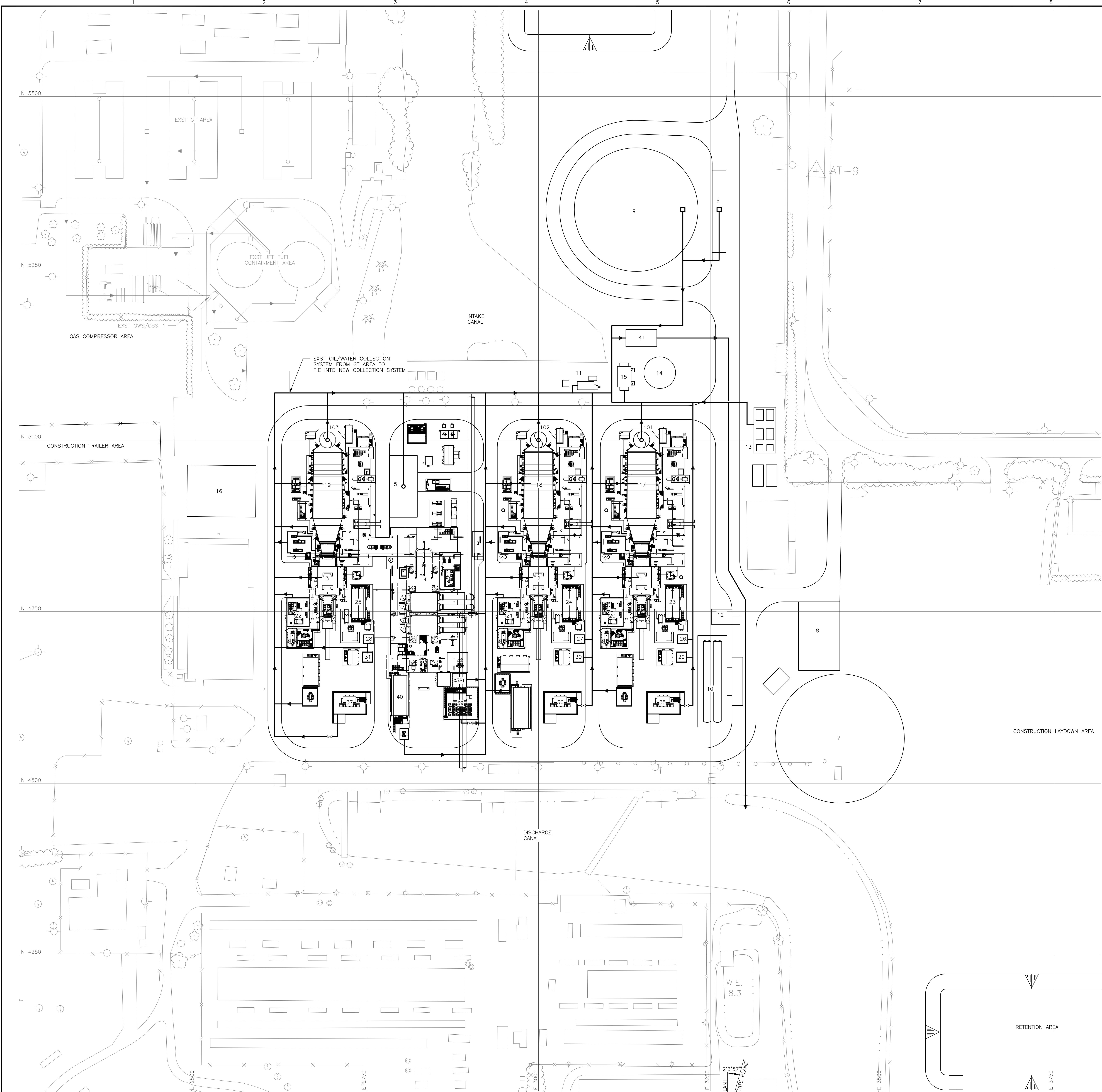


1	09/JAN/12	FOR PERMITTING PURPOSES ONLY	DAS	DAS		JCB	
0	17/NOV/11	FOR PERMITTING PURPOSES ONLY	DAS	DAS		JCB	
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP

 BLACK & VEATCH		12724 Gran Bay Parkway West Suite 450 Jacksonville, Florida 32258 CERTIFICATE OF AUTHORIZATION NO. 8132
ENGINEER	EEB	DRAWN DAS
CHECKED	DATE	

FLORIDA POWER & LIGHT PORT EVERGLADES PLANT	
SITE CONSTRUCTION AREAS	

PROJECT	DRAWING NUMBER	REV
174101-DS-0004		1
CODE		
AREA		



FACILITIES LEGEND	
ITEM NO.	DESCRIPTION
1	COMBUSTION TURBINE NO. 5A CASING DRAINS
2	COMBUSTION TURBINE NO. 5B CASING DRAINS
3	COMBUSTION TURBINE NO. 5C CASING DRAINS
4	STEAM TURBINE 5 CASING DRAINS
5	CONTROL/HURRICANE SHELTER FLOOR DRAINS
6	FUEL TRUCK UNLOADING
7	DEMINEALIZED WATER STORAGE TANK
8	DEMIN WATER TREATMENT TRAILER PARKING
9	FUEL STORAGE TANK WATER COLLECTION SUMP DRAIN
10	AMMONIA STORAGE TANK & TRANSFER PUMPS
11	AUX BOILER
12	H2 BULK STORAGE
13	AIR COMPRESSORS & RECEIVERS
14	FIRE WATER STORAGE TANK
15	FIRE PUMP SHELTER DRAINS
16	DRY STORAGE FLOOR DRAINS
17	HEAT RECOVERY STEAM GENERATOR 5A CASING DRAINS
18	HEAT RECOVERY STEAM GENERATOR 5B CASING DRAINS
19	HEAT RECOVERY STEAM GENERATOR 5C CASING DRAINS
20	CT LUBE OIL EQUIPMENT 5A SECONDARY CONTAINMENT
21	CT LUBE OIL EQUIPMENT 5B SECONDARY CONTAINMENT
22	CT LUBE OIL EQUIPMENT 5C SECONDARY CONTAINMENT
23	CT GEN ELECT & CONT COMPT 5A SECONDARY CONTAINMENT
24	CT GEN ELECT & CONT COMPT 5B SECONDARY CONTAINMENT
25	CT GEN ELECT & CONT COMPT 5C SECONDARY CONTAINMENT
26	CT 480V SUS XFMR 5A SECONDARY CONTAINMENT
27	CT 480V SUS XFMR 5B SECONDARY CONTAINMENT
28	CT 480V SUS XFMR 5C SECONDARY CONTAINMENT
29	CT GENERATOR EXCTN XFMR 5A SECONDARY CONTAINMENT
30	CT GENERATOR EXCTN XFMR 5B SECONDARY CONTAINMENT
31	CT GENERATOR EXCTN XFMR 5C SECONDARY CONTAINMENT
32	
33	
34	
35	CT GENERATOR STEP-UP XFMR 5A SECONDARY CONTAINMENT
36	CT GENERATOR STEP-UP XFMR 5B SECONDARY CONTAINMENT
37	CT GENERATOR STEP-UP XFMR 5C SECONDARY CONTAINMENT
38	ST GEN EXCITATION XFMR SECONDARY CONTAINMENT
39	ST GEN STEP-UP XFMR SECONDARY CONTAINMENT
40	ST TURB GEN ELEC EQUIPMENT SECONDARY CONTAINMENT
41	OIL/WATER SEPARATOR (10 PPM)
101	UNIT 5A STACK DRAINS
102	UNIT 5B STACK DRAINS
103	UNIT 5C STACK DRAINS

- VALVED SECONDARY CONTAINMENT
- OIL/WATER COLLECTION SYSTEM
- EXISTING OIL/WATER COLLECTION SYSTEM TO REMAIN

GENERAL NOTES

1. COORDINATES SHOWN ARE PLANT GRID COORDINATES SEE DWG 174101-DS-0001 FOR SURVEY CONTROL TABLE.

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FLORIDA POWER & LIGHT
PORT EVERGLADES PLANT

PROJECT NUMBER:
174101-DS-0005

ENGINEER: EEB
CHECKED:

DRAWN: DAS
DATE:

DRAWING NUMBER:
174101-DS-0005

REFERENCE DWG NUMBER:

REV
0

SPILL PREVENTION COUNTER CONTROL PLAN
OIL/WATER CONTACT AREAS

SYN42704 4250 1"=1
01/09/12 09:42:24
18.0s (LWS Test)

0	17/NOV/2011	ISSUED FOR PERMITTING PURPOSES ONLY	DAS	DAS	JCB
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK
			PDE	APP	

BLACK & VEATCH
ENGINEER: EEB
CHECKED:

1224 Sun Bay Parkway West
Suite 400
Boca Raton, Florida 33426
Telephone: 561-995-1100
Fax: 561-995-1101

1"=50'

50' 25' 0 50' 100'

PLANT
STATE PLANE
N
2'3"=57'

W.E.
8.3

SYN42704 ACSD 1=1
18.0s (LWS Top)
01/09/12 09:45:30



GENERAL NOTES

1. COORDINATES SHOWN ARE PLANT GRID COORDINATES SEE DWG 174101-DS-0001 FOR SURVEY CONTROL TABLE.

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PURPOSES ONLY

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FLORIDA POWER & LIGHT
PORT EVERGLADES PLANT

AERIAL OVERLAY

PROJECT NUMBER: 174101-DS-0006
DRAWING NUMBER:

CODE: REFERENCE DWG NUMBER:

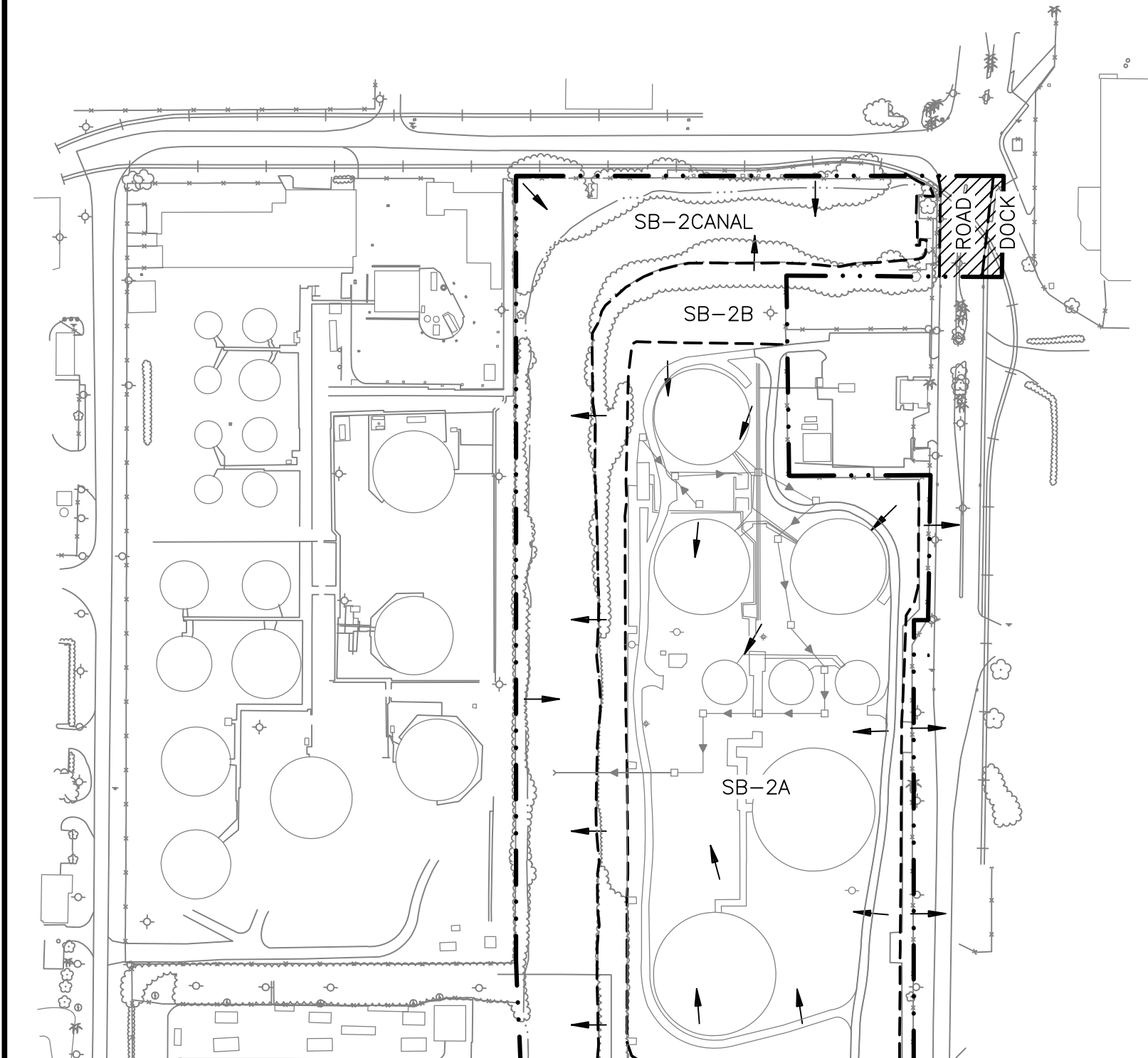
AREA:

REV
0

OFFSITE BASINS CONTRIBUTING TO ONSITE RUNOFF INFORMATION			
PROJECT BASIN	BASIN AREA (acre)	SWMS CONTRIBUTING AREA (acre)	DESCRIPTION
OFFSITE BASIN 1	3.17	3.17	OSB-1A: AGGREGATE ACCESS ROAD, TANK FARM BERM
			OSB-1B: BUILDING, AGGREGATE ACCESS ROAD, TANK FARM BERM
			OSB-1C: DRIVEWAY AREA NORTH OF SUB BASIN 1G
			OSB-1D: OCTAGONAL TANK FARM
			OSB-1E: GAS GENERATORS
TOTAL	3.17	3.17	

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SHALL VERIFY TRACEABILITY OF THIS
DRAWING TO THE LATEST CONTROLLED
VERSION.

SYM52704 ACAD 18.0s (LMS Tech)
A1ASL025 B1 1=1
01/09/12 11:09:09



SITE - STORM WATER MANAGEMENT BASINS INFORMATION			
PROJECT BASIN	BASIN AREA (acre)	SWMS CONTRIBUTING AREA (acre)	DESCRIPTION
BASIN 1	34.23	27.14	SB-1A: OPEN SPACE, BUILDING
			SB-1B: OPEN SPACE, ACCESS ROAD, PARKING AREA, BUILDING
			SB-1C: GRASSED AND CONCRETE OPEN SPACE, SOUTH CANAL BANK
			SB-1D: IMPERVIOUS OPEN SPACE
			SB-1E: ADMINISTRATION BUILDING AND DRIVEWAY AREA WEST OF POWERBLOCK
			SB-1F: POWER BLOCK
			SB-1G: BUILDING, IMPERVIOUS DRIVEWAY, GRASSED OPEN SPACE
			SB-1H: BUILDINGS, IMPERVIOUS AREAS
			SB-1I: OPEN SPACE, DRIVEWAY AREA
			SB-1CANAL: SOUTH CANAL
BASIN 2	19.21	12.65	SB-2A: ONSITE TANK FARM
			SB-2B: GRASSED AND VEGETATIVE AREA, NORTH CANAL BANK
			SB-2CANAL: NORTH CANAL
BASIN 3	2.27	0.00	SB-3A: GRASSED OPEN SPACE
			SB-3B: EXISTING FUEL GAS YARD
BASIN 4	0.67	0.00	COMPACTED GRASSED AREA, PORTION OF TANK FARM BERM
NON-CONTRIBUTING*	0.66	0.00	ONSITE SETTLING BASINS, EISENHOWER BLVD, DOCK FACILITY
TOTAL	57.04	39.79	*AREAS WITHIN CERTIFICATION BOUNDARY BUT DO NOT CONTRIBUTE TO RUNOFF DISCHARGE

OFFSITE BASINS CONTRIBUTING TO ONSITE RUNOFF INFORMATION			
PROJECT BASIN	BASIN AREA (acre)	SWMS CONTRIBUTING AREA (acre)	DESCRIPTION
OFFSITE BASIN 1	3.17	3.17	OSB-1A: AGGREGATE ACCESS ROAD, TANK FARM BERM
			OSB-1B: BUILDING, AGGREGATE ACCESS ROAD, TANK FARM BERM
			OSB-1C: DRIVEWAY AREA NORTH OF SUB BASIN 1G
			OSB-1D: OCTAGONAL TANK FARM
			OSB-1E: GAS GENERATORS
TOTAL	3.17	3.17	

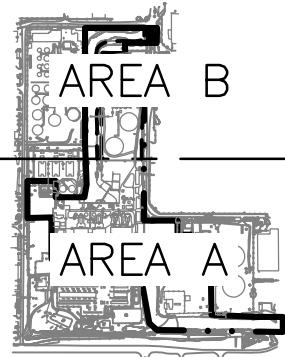
NOTES

1. ELEVATIONS ARE REPORTED AS NGVD29, SUBTRACT 1.58 TO CONVERT TO NAVD88.

LEGEND

- PROPERTY BOUNDARY
- BASIN DIVIDE
- CERTIFICATION BOUNDARY
- STORM SEWER SYSTEM

KEY PLAN



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FLORIDA POWER & LIGHT
PORT EVERGLADES MODERNIZATION

PROJECT	DRAWING NUMBER	REV
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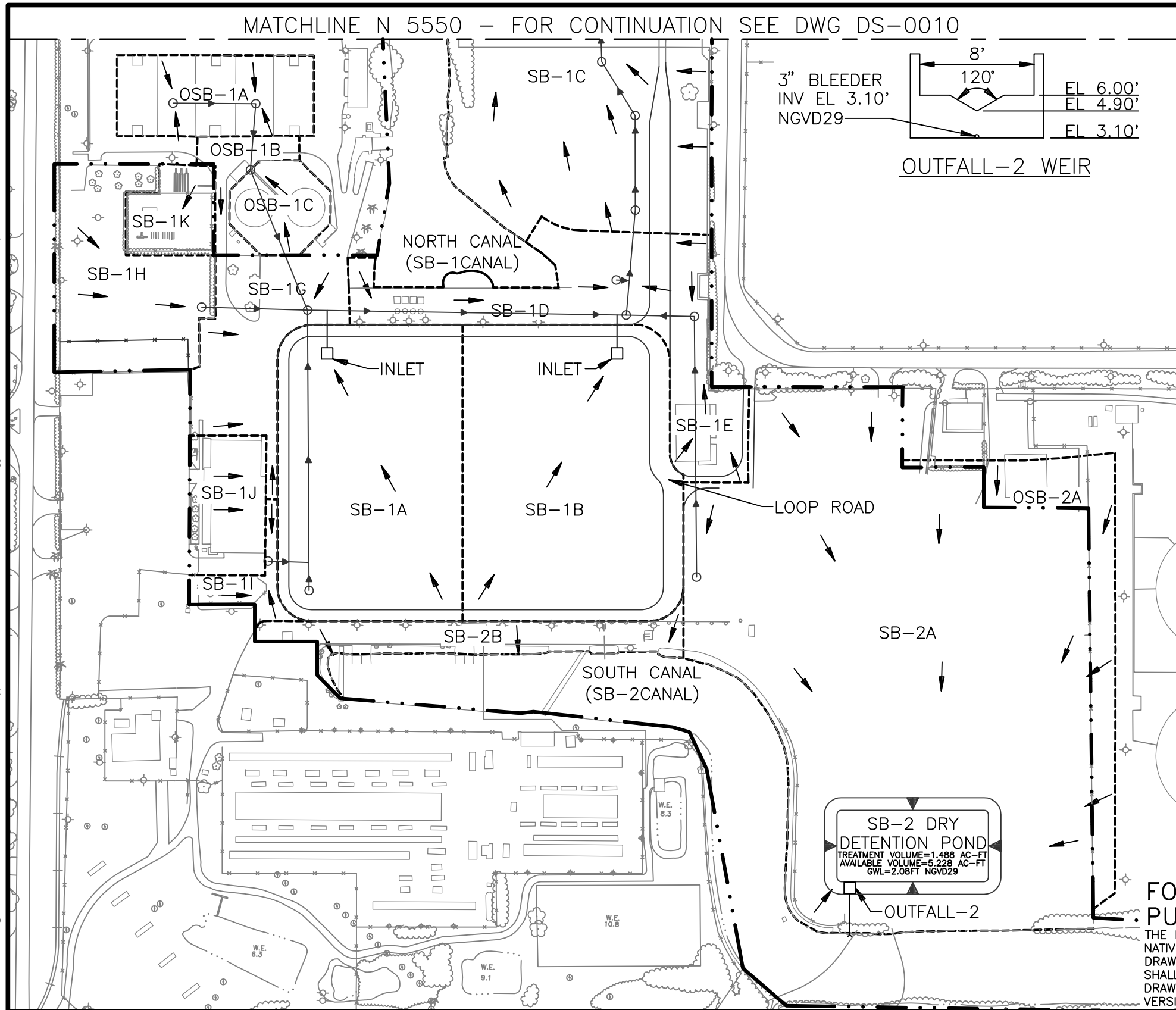
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NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP

DESIGNER	DLW	DRAWN	SLJ
CHECKED		DATE	

PRE-DEVELOPMENT STORMWATER MANAGEMENT PLAN
AREA B

CODE	
AREA	

SYM52704
A1ASL025
01/09/12 11:13:42
ACAD 18.0s (LMS Tech)
B1 1=1
11:13:42



SITE - STORM WATER MANAGEMENT BASINS INFORMATION			
PROJECT BASIN	BASIN AREA (acre)	SWMS CONTRIBUTING AREA (acre)	DESCRIPTION
BASIN 1	36.30	29.74	SB-1A: POWER BLOCK WEST
			SB-1B: POWER BLOCK EAST
			SB-1C: DRY DETENTION, OPEN SPACE, PLANT ROAD
			SB-1D: IMPERVIOUS OPEN SPACE
			SB-1E: BUILDING, ACCESS ROAD, IMPERVIOUS AREA
			SB-1G: BUILDING, IMPERVIOUS OPEN SPACE
			SB-1H: CONSTRUCTION TRAILER, IMPERVIOUS OPEN SPACE
			SB-1I: DRIVEWAY AREA SOUTHWEST OF POWERBLOCK
			SB-1J: ADMINISTRATION BUILDING AREA WEST OF POWERBLOCK
			SB-1K: EXISTING FUEL GAS YARD
			SB-1CANAL: NORTH CANAL
BASIN 2	20.05	12.96	SB-2A: CONSTRUCTION LAYDOWN, ENTRANCE ROAD, DRY DETENTION
			SB-2B: SOUTH CANAL POWER BLOCK BANK AND DRIVEWAY
BASIN 4	0.38	0.00	NORTH CANAL BANK
ROAD/DOCK	0.31	0.00	EISENHOWER BLVD SEGMENT, INTERCOASTAL DOCK FACILITY
TOTAL	57.04	42.70*	*CONTRIBUTING AREA IS NOT SAME AS TREATMENT AREA (43.39ACRE)

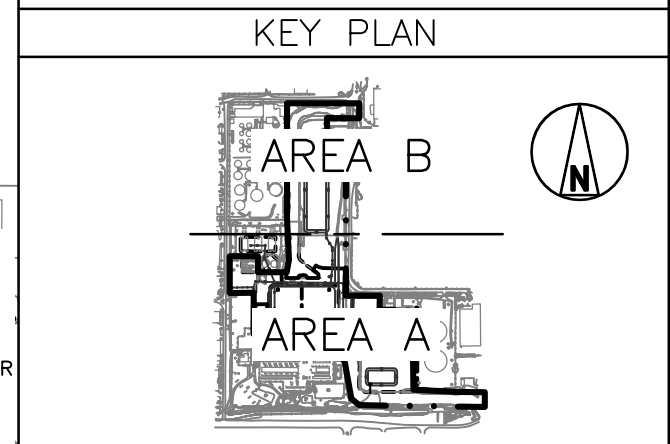
OFFSITE BASINS CONTRIBUTING TO ONSITE RUNOFF INFORMATION			
PROJECT BASIN	BASIN AREA (acre)	SWMS CONTRIBUTING AREA (acre)	DESCRIPTION
OFFSITE BASIN 1	2.00	2.00	OSB-1A: GAS GENERATORS
			OSB-1B: DRIVEWAY AREA NORTH OF SUB BASIN 1G
			OSB-1C: OCTAGONAL TANK FARM
OFFSITE BASIN 2	1.17	1.17	OSB-2A: EASTERN BORDER OF SITE CERTIFICATION BOUNDARY
TOTAL	3.17	3.17	

SITE - DRY DETENTION AREA INFORMATION				
DETENTION AREA ID	TOB EL (ft - NGVD29)	TOB AREA (acre)	TOE EL (ft - NGVD29)	TOE AREA (acre)
SB-1 POND	9.00	3.19	3.10	2.35
SB-2 POND	8.50	1.18	3.10	0.76

NOTES

1. ELEVATIONS ARE REPORTED AS NGVD29, SUBTRACT 1.58 TO CONVERT TO NAVD88.

- LEGEND
- PROPERTY BOUNDARY
 - BASIN DIVIDE
 - CERTIFICATION BOUNDARY
 - STORM SEWER SYSTEM

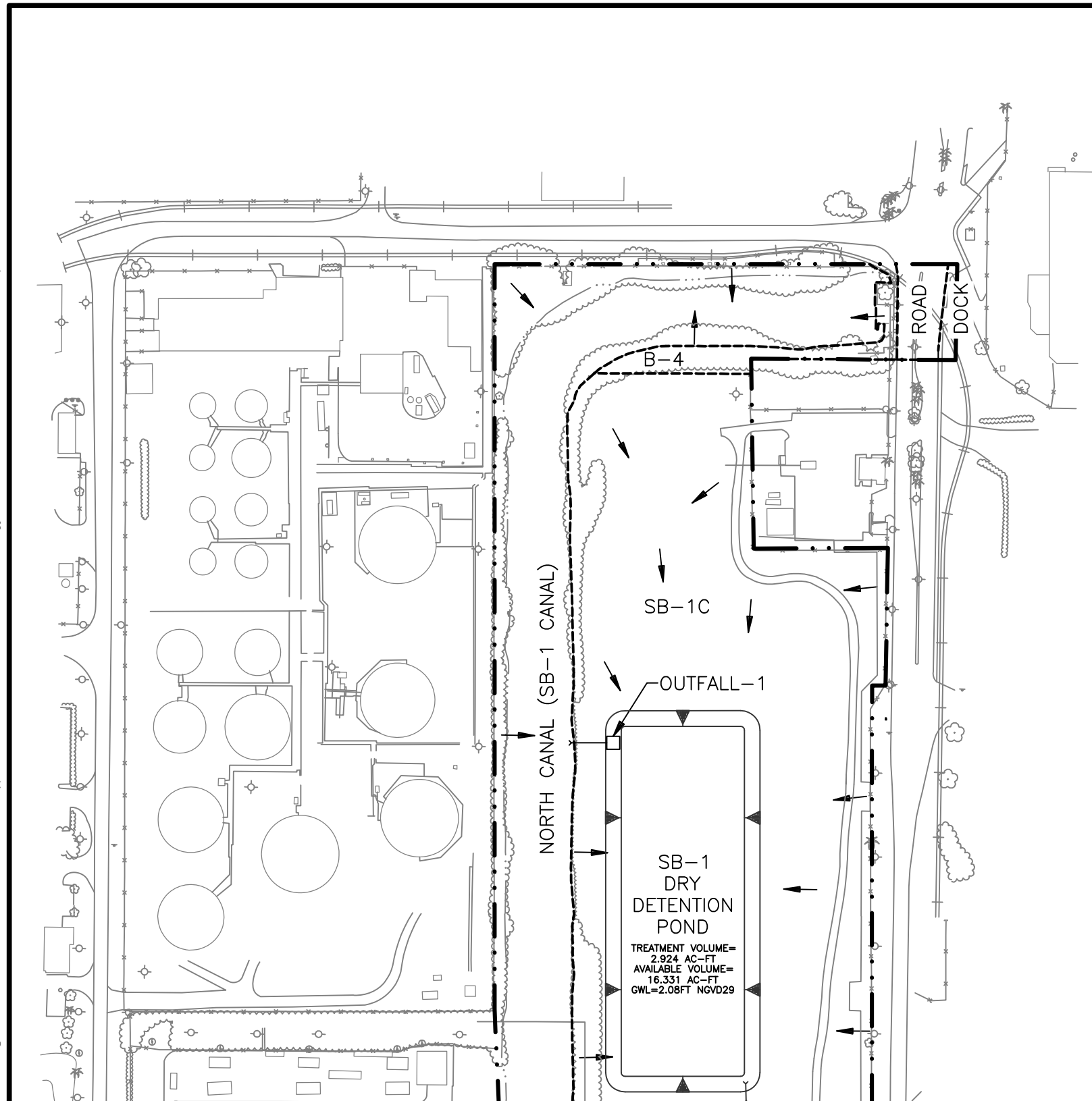


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								 BLACK & VEATCH Building a world of difference.®	FLORIDA POWER & LIGHT PORT EVERGLADES MODERNIZATION		PROJECT		DRAWING NUMBER		REV
											174101-DS-0009		0		
0	09/JAN/12	FOR PERMITTING PURPOSES ONLY	DAS	DLW		JCB		DESIGNER DLW	DRAWN SLJ	CONSTRUCTION STORMWATER MANAGEMENT PLAN AREA A		CODE			
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP	CHECKED DATE				AREA			

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01/09/12
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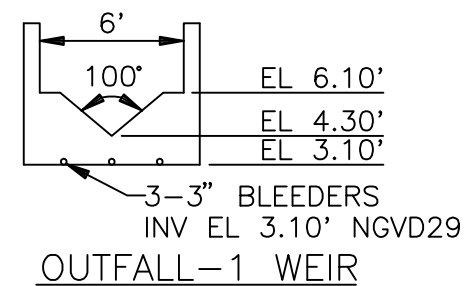


MATCHLINE N 5550 - FOR CONTINUATION SEE DWG DS-0009

SITE - STORM WATER MANAGEMENT BASINS INFORMATION			
PROJECT BASIN	BASIN AREA (acre)	SWMS CONTRIBUTING AREA (acre)	DESCRIPTION
BASIN 1	36.30	29.74	SB-1A: POWER BLOCK WEST
			SB-1B: POWER BLOCK EAST
			SB-1C: DRY DETENTION, OPEN SPACE, PLANT ROAD
			SB-1D: IMPERVIOUS OPEN SPACE
			SB-1E: BUILDING, ACCESS ROAD, IMPERVIOUS AREA
			SB-1G: BUILDING, IMPERVIOUS OPEN SPACE
			SB-1H: CONSTRUCTION TRAILER, IMPERVIOUS OPEN SPACE
			SB-1I: DRIVEWAY AREA SOUTHWEST OF POWERBLOCK
			SB-1J: ADMINISTRATION BUILDING AREA WEST OF POWERBLOCK
			SB-1K: EXISTING FUEL GAS YARD
			SB-1 CANAL: NORTH CANAL
BASIN 2	20.05	12.96	SB-2A: CONSTRUCTION LAYDOWN, ENTRANCE ROAD, DRY DETENTION
			SB-2B: SOUTH CANAL POWER BLOCK BANK AND DRIVEWAY
			SB-2 CANAL: SOUTH CANAL
BASIN 4	0.38	0.00	NORTH CANAL BANK
ROAD/DOCK	0.31	0.00	EISENHOWER BLVD SEGMENT, INTERCOASTAL DOCK FACILITY
TOTAL	57.04	42.70*	*CONTRIBUTING AREA IS NOT SAME AS TREATMENT AREA (43.39ACRE)

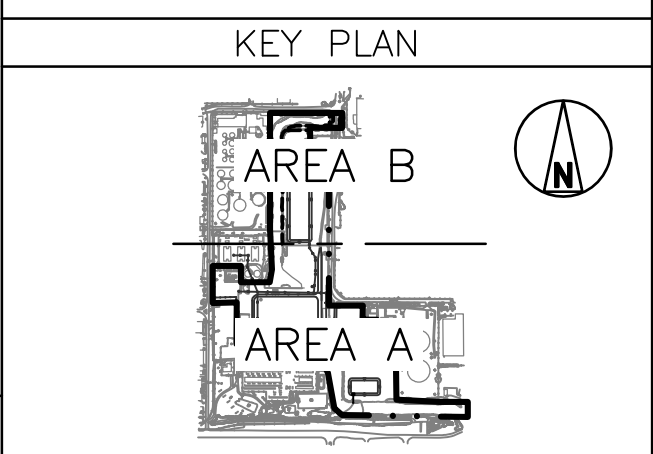
OFFSITE BASINS CONTRIBUTING TO ONSITE RUNOFF INFORMATION			
PROJECT BASIN	BASIN AREA (acre)	SWMS CONTRIBUTING AREA (acre)	DESCRIPTION
OFFSITE BASIN 1	2.00	2.00	OSB-1A: GAS GENERATORS
			OSB-1B: DRIVEWAY AREA NORTH OF SUB BASIN 1G
			OSB-1C: OCTAGONAL TANK FARM
OFFSITE BASIN 2	1.17	1.17	OSB-2A: EASTERN BORDER OF SITE CERTIFICATION BOUNDARY
TOTAL	3.17	3.17	

SITE - DRY DETENTION AREA INFORMATION				
DETENTION AREA ID	TOB EL (ft - NGVD29)	TOB AREA (acre)	TOE EL (ft - NGVD29)	TOE AREA (acre)
SB-1 POND	9.00	3.19	3.10	2.35
SB-2 POND	8.50	1.18	3.10	0.76



NOTES
1. ELEVATIONS ARE REPORTED AS NGVD29, SUBTRACT 1.58 TO CONVERT TO NAVD88.

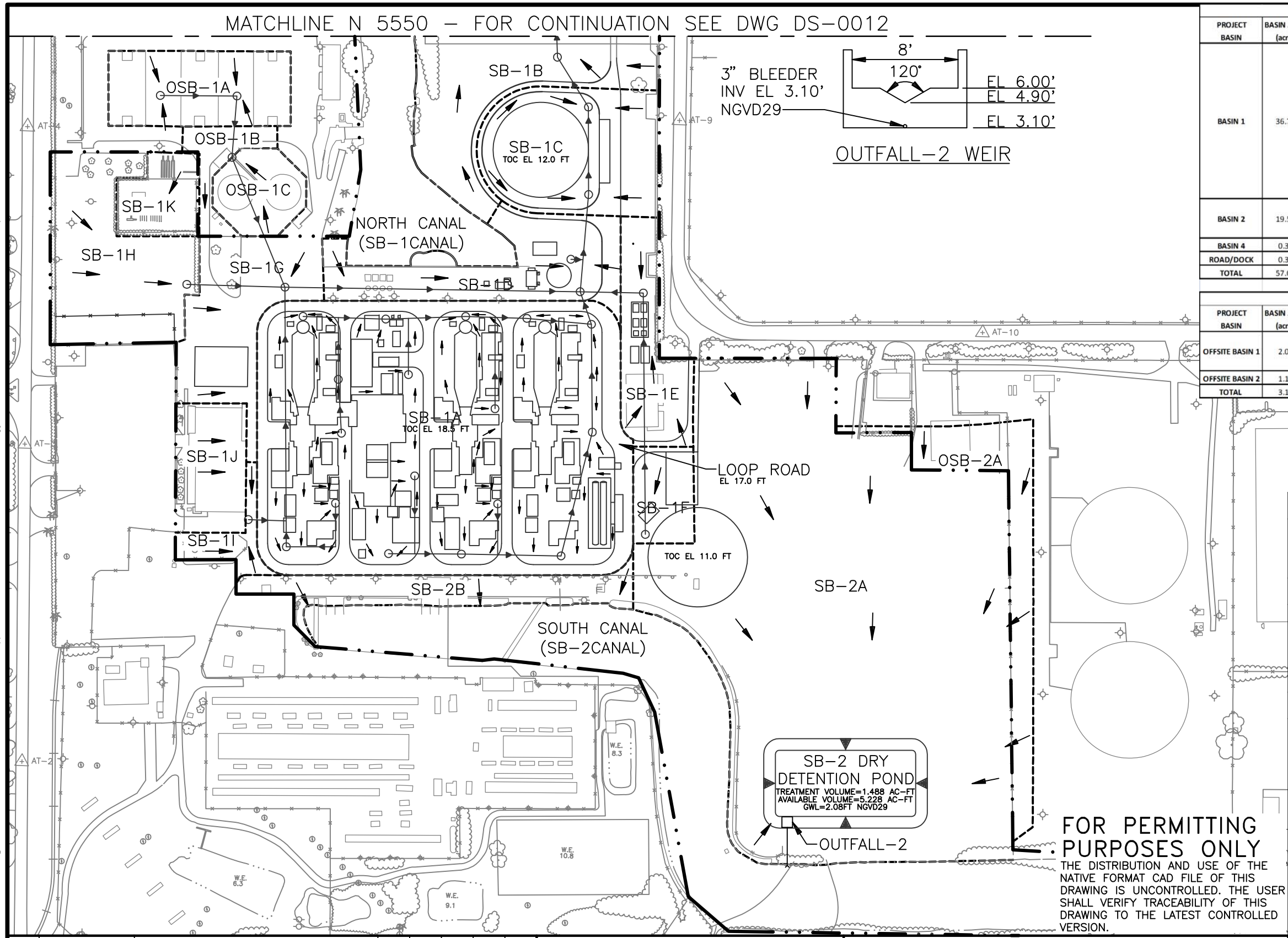
LEGEND	
---	PROPERTY BOUNDARY
---	BASIN DIVIDE
---	CERTIFICATION BOUNDARY
---	STORM SEWER SYSTEM



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											174101-DS-0010		0		
0	09/JAN/12	FOR PERMITTING PURPOSES ONLY	DAS	DLW		JCB			DESIGNER DLW	DRAWN SLJ	CONSTRUCTION STORMWATER MANAGEMENT PLAN AREA B		CODE		
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP	CHECKED DATE		AREA					

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01/09/12 11:20:19
ACAD 18.0s (LMS Tech)
B1 1=1



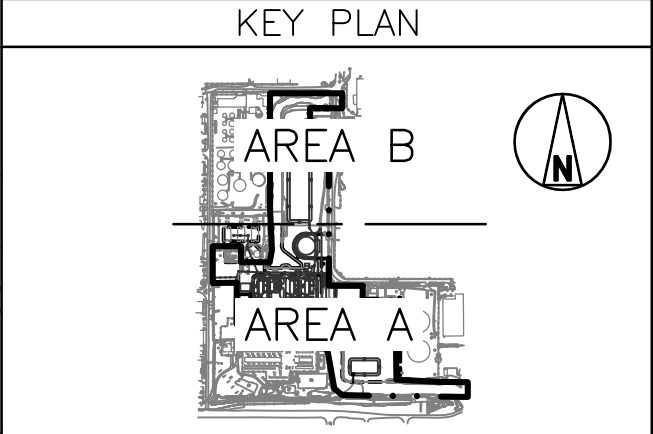
SITE - STORM WATER MANAGEMENT BASINS INFORMATION			
PROJECT BASIN	BASIN AREA (acre)	SWMS CONTRIBUTING AREA (acre)	DESCRIPTION
BASIN 1	36.78	30.22	SB-1A: POWER BLOCK
			SB-1B: NORTH DETENTION POND, PLANT ROAD, OPEN SPACE
			SB-1C: FUEL STORAGE TANK
			SB-1D: FIRE PUMP & TANK, AUX BOILER
			SB-1E: AIR COMPRESSORS & RECEIVERS, BUILDING
			SB-1F: DEVIN TANK & TRAILER PARKING
			SB-1G: DRY STORAGE, BUILDING, OPEN SPACE
			SB-1H: GAS COMPRESSOR AREA
			SB-1I: DRIVEWAY AREA SOUTHWEST OF POWERBLOCK
			SB-1J: ADMINISTRATION BUILDING AREA WEST OF POWERBLOCK
			SB-1K: EXISTING FUEL GAS YARD
			SB-1CANAL: NORTH CANAL
BASIN 2	19.57	12.48	SB-2A: CONSTRUCTION LAYDOWN AREA, ENTRANCE ROAD, OPEN SPACE
			SB-2B: SOUTH CANAL POWER BLOCK BANK
			SB-2CANAL: SOUTH CANAL
BASIN 4	0.38	0.00	NORTH CANAL BANK
ROAD/DOCK	0.31	0.00	EISENHOWER BLVD SEGEMENT, INTRACOASTAL DOCK FACILITY
TOTAL	57.04	42.70*	*CONTRIBUTING AREA IS NOT SAME AS TREATMENT AREA (43.39ACRE)

OFFSITE BASINS CONTRIBUTING TO ONSITE RUNOFF INFORMATION			
PROJECT BASIN	BASIN AREA (acre)	SWMS CONTRIBUTING AREA (acre)	DESCRIPTION
OFFSITE BASIN 1	2.00	2.00	OSB-1A: GAS GENERATORS
			OSB-1B: DRIVEWAY AREA NORTH OF SUB BASIN 1G
			OSB-1C: OCTAGONAL TANK FARM
OFFSITE BASIN 2	1.17	1.17	OSB-2A: EASTERN BORDER OF SITE CERTIFICATION BOUNDARY
TOTAL	3.17	3.17	

SITE - DRY DETENTION AREA INFORMATION				
DETENTION AREA ID	TOB EL (ft - NGVD29)	TOB AREA (acre)	TOE EL (ft - NGVD29)	TOE AREA (acre)
SB-1 POND	9.00	3.19	3.10	2.35
SB-2 POND	8.50	1.18	3.10	0.76

NOTES
1. ELEVATIONS ARE REPORTED AS NGVD29, SUBTRACT 1.58 TO CONVERT TO NAVD88.

- LEGEND
- PROPERTY BOUNDARY
 - BASIN DIVIDE
 - CERTIFICATION BOUNDARY
 - STORM SEWER SYSTEM



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												174101-DS-0011	0
0	09/JAN/12	FOR PERMITTING PURPOSES ONLY	DAS	DLW		JCB			DESIGNER DLW	DRAWN SLJ	OPERATION STORMWATER MANAGEMENT PLAN AREA A	CODE	FIGURE 4.8.3-1A
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP	CHECKED DATE			AREA		

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A
B
C
D

1

2

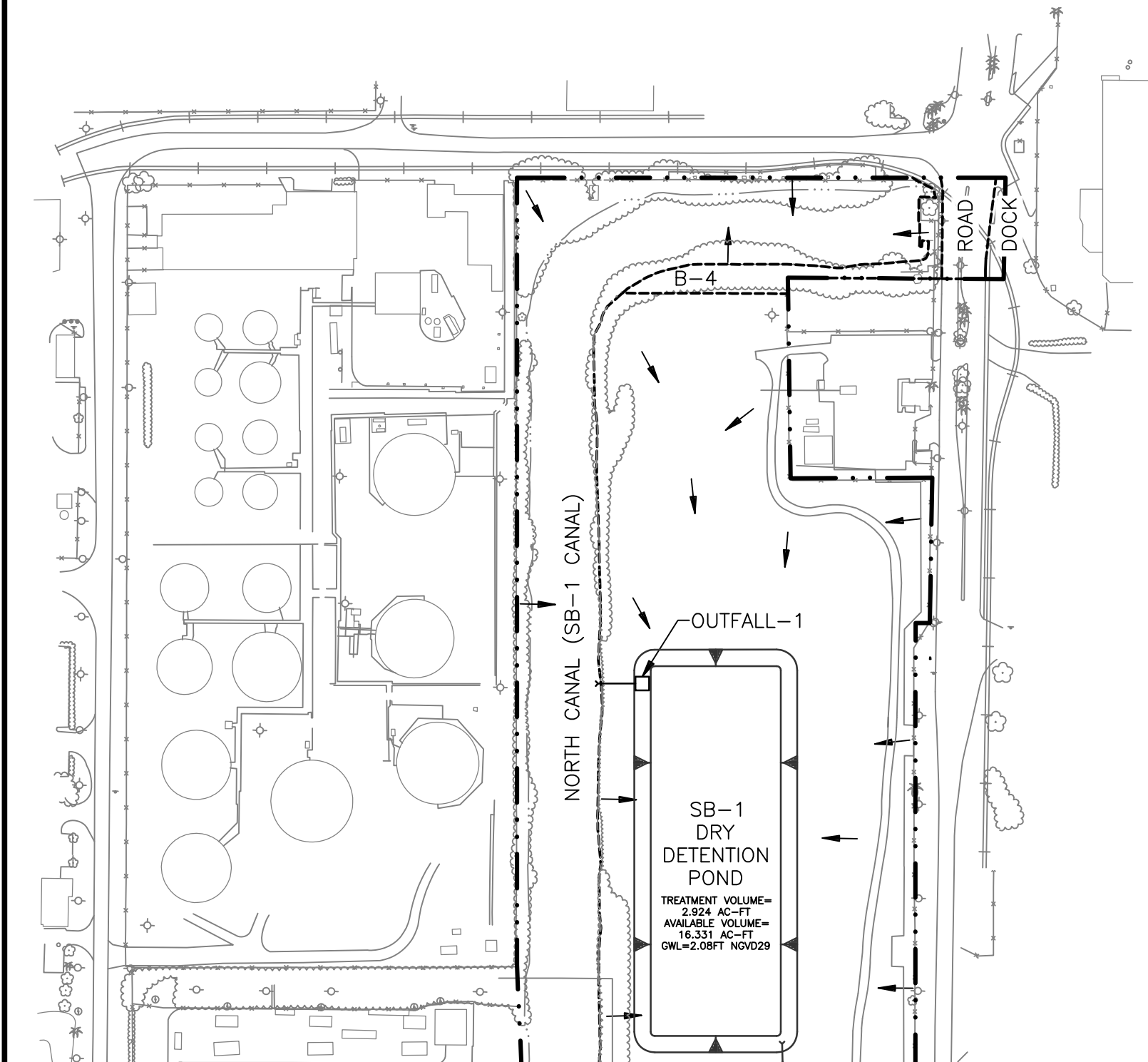
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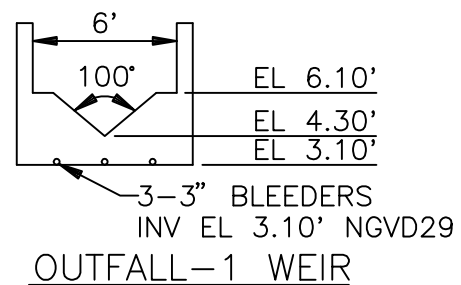
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6

7



MATCHLINE N 5550 - FOR CONTINUATION SEE DWG DS-0011



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SITE - STORM WATER MANAGEMENT BASINS INFORMATION			
PROJECT BASIN	BASIN AREA (acre)	SWMS CONTRIBUTING AREA (acre)	DESCRIPTION
BASIN 1	36.78	30.22	SB-1A: POWER BLOCK
			SB-1B: NRTH DETENTION POND, PLANT ROAD, OPEN SPACE
			SB-1C: FUEL STORAGE TANK
			SB-1D: FIRE PUMP & TANK, AUX BOILER
			SB-1E: AIR COMPRESSORS & RECEIVERS, BUILDING
			SB-1F: DEVIN TANK & TRAILER PARKING
			SB-1G: DRY STORAGE, BUILDING, OPEN SPACE
			SB-1H: GAS COMPRESSOR AREA
			SB-1I: DRIVEWAY AREA SOUTHWEST OF POWERBLOCK
			SB-1J: ADMINISTRATION BUILDING AREA WEST OF POWERBLOCK
			SB-1K: EXISTING FUEL GAS YARD
			SB-1 CANAL: NORTH CANAL
BASIN 2	19.57	12.48	SB-2A: CONSTRUCTION LAYDOWN AREA, ENTRANCE ROAD, OPEN SPACE
			SB-2B: SOUTH CANAL POWER BLOCK BANK
			SB-2 CANAL: SOUTH CANAL
BASIN 4	0.38	0.00	NORTH CANAL BANK
ROAD/DOCK	0.31	0.00	EISENHOWER BLVD SEGEMENT, INTRACOASTAL DOCK FACILITY
TOTAL	57.04	42.70*	*CONTRIBUTING AREA IS NOT SAME AS TREATMENT AREA (43.39ACRE)

OFFSITE BASINS CONTRIBUTING TO ONSITE RUNOFF INFORMATION			
PROJECT BASIN	BASIN AREA (acre)	SWMS CONTRIBUTING AREA (acre)	DESCRIPTION
OFFSITE BASIN 1	2.00	2.00	OSB-1A: GAS GENERATORS
			OSB-1B: DRIVEWAY AREA NORTH OF SUB BASIN 1G
			OSB-1C: OCTAGONAL TANK FARM
OFFSITE BASIN 2	1.17	1.17	OSB-2A: EASTERN BORDER OF SITE CERTIFICATION BOUNDARY
TOTAL	3.17	3.17	

SITE - DRY DETENTION AREA INFORMATION				
DETENTION AREA ID	TOB EL (ft - NGVD29)	TOB AREA (acre)	TOE EL (ft - NGVD29)	TOE AREA (acre)
SB-1 POND	9.00	3.19	3.10	2.35
SB-2 POND	8.50	1.18	3.10	0.76

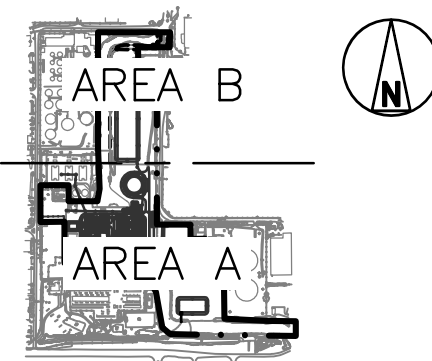
NOTES

1. ELEVATIONS ARE REPORTED AS NGVD29, SUBTRACT 1.58 TO CONVERT TO NAVD88.

LEGEND

---	PROPERTY BOUNDARY
---	BASIN DIVIDE
---	CERTIFICATION BOUNDARY
---	STORM SEWER SYSTEM

KEY PLAN



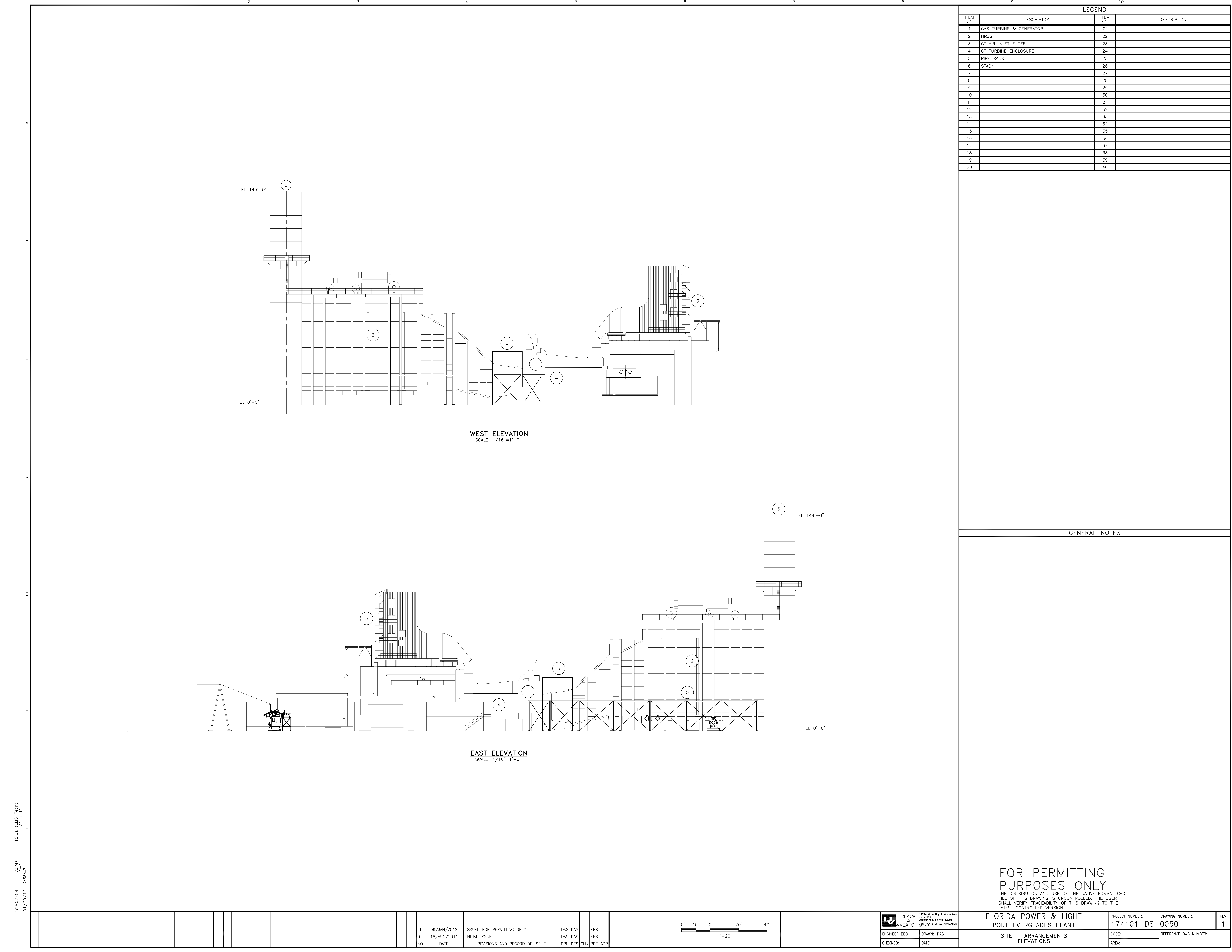
FLORIDA POWER & LIGHT
PORT EVERGLADES MODERNIZATION

PROJECT	DRAWING NUMBER	REV
174101-DS-0012		0

OPERATION STORMWATER MANAGEMENT PLAN
AREA B

CODE	FIGURE 4.8.3-1B
AREA	

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
0	09/JAN/12	FOR PERMITTING PURPOSES ONLY	DAS	DLW		JCB	



LEGEND			
ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
1	GAS TURBINE & GENERATOR	21	
2	HRSG	22	
3	GT AIR INLET FILTER	23	
4	GT TURBINE ENCLOSURE	24	
5	PIPE RACK	25	
6	STACK	26	
7		27	
8		28	
9		29	
10		30	
11		31	
12		32	
13		33	
14		34	
15		35	
16		36	
17		37	
18		38	
19		39	
20		40	

GENERAL NOTES

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FLORIDA POWER & LIGHT
PORT EVERGLADES PLANT

PROJECT NUMBER: 174101-DS-0050
DRAWING NUMBER:

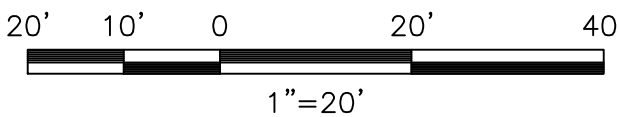
REV 1

SITE - ARRANGEMENTS ELEVATIONS

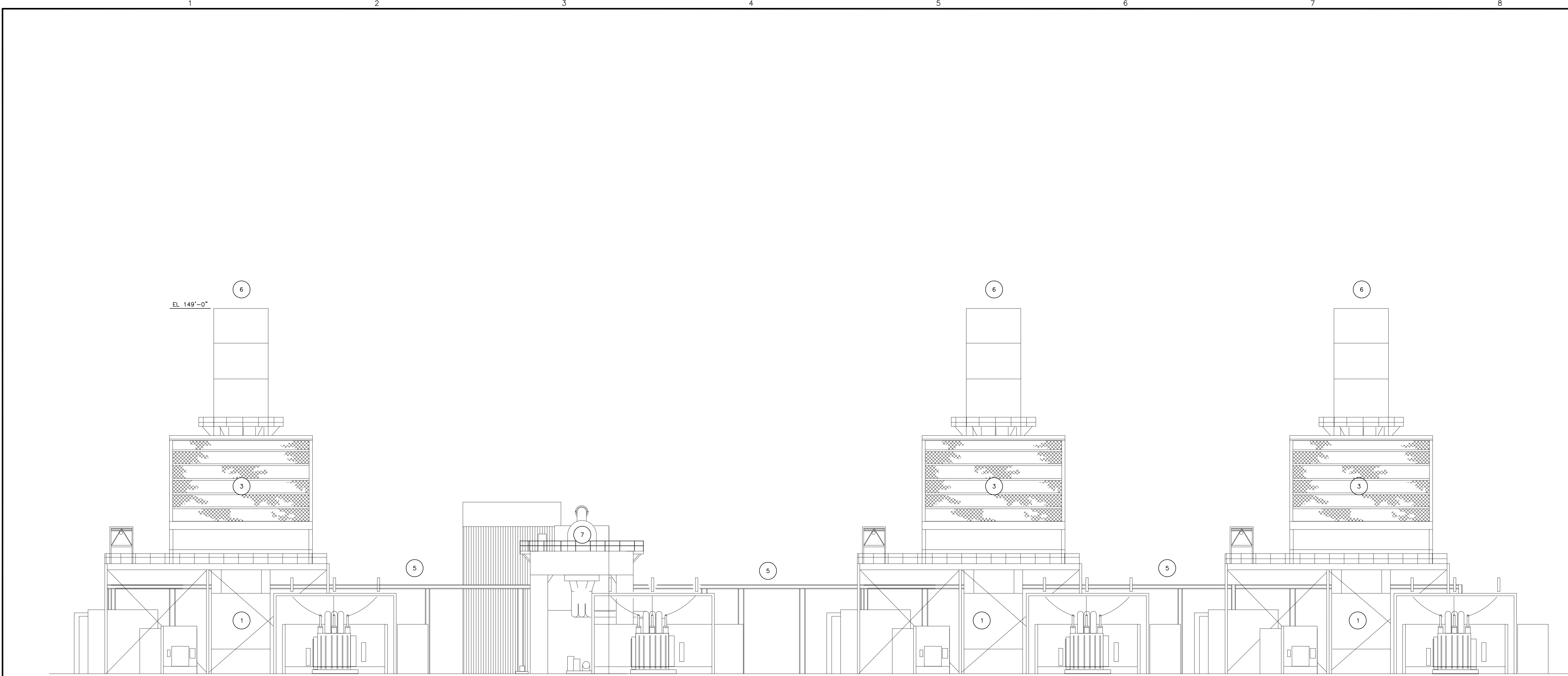
CODE: REFERENCE DWG NUMBER:

BLACK & VEATCH
1224 S.W. 8th Street
Fort Lauderdale, Florida 33306
Professional Seal of Authorization

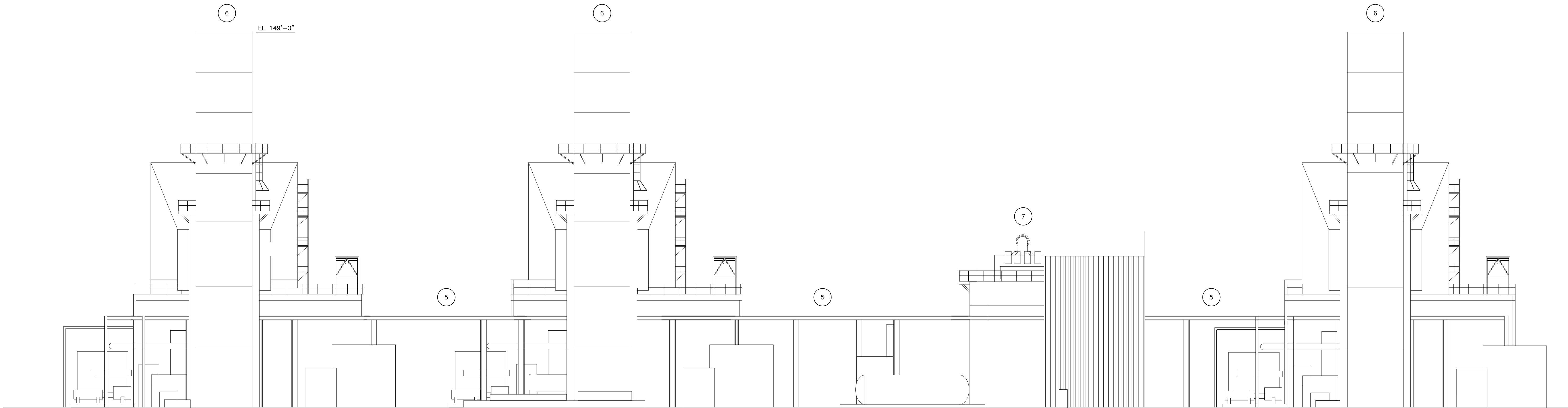
ENGINEER: EEB
DRAWN: DAS
CHECKED: DATE:



1	09/JAN/2012	ISSUED FOR PERMITTING ONLY	DAS	DAS	EEB	
0	18/AUG/2011	INITIAL ISSUE	DAS	DAS	EEB	
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE APP



SOUTH ELEVATION
SCALE: 1"=30'-0"



NORTH ELEVATION
SCALE: 1"=30'-0"

LEGEND			
ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
1	GAS TURBINE & GENERATOR	21	
2		22	
3	GT AIR INLET FILTER	23	
4		24	
5	PIPE RACK	25	
6	STACK	26	
7	STEAM TURBINE	27	
8		28	
9		29	
10		30	
11		31	
12		32	
13		33	
14		34	
15		35	
16		36	
17		37	
18		38	
19		39	
20		40	

GENERAL NOTES

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FLORIDA POWER & LIGHT
PORT EVERGLADES PLANT

SITE - ARRANGEMENTS
ELEVATIONS

PROJECT NUMBER: 174101-DS-0051
DRAWING NUMBER:

CODE: REFERENCE DWG NUMBER:

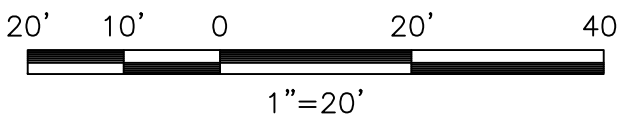
AREA:

REV 1

BLACK & VEATCH
1224 S. Dixie Hwy, Suite 100
Fort Lauderdale, Florida 33328
PHONE: (954) 336-1000
FAX: (954) 336-1001
WWW.BV.COM
DATE: 01/09/12 12:42:16

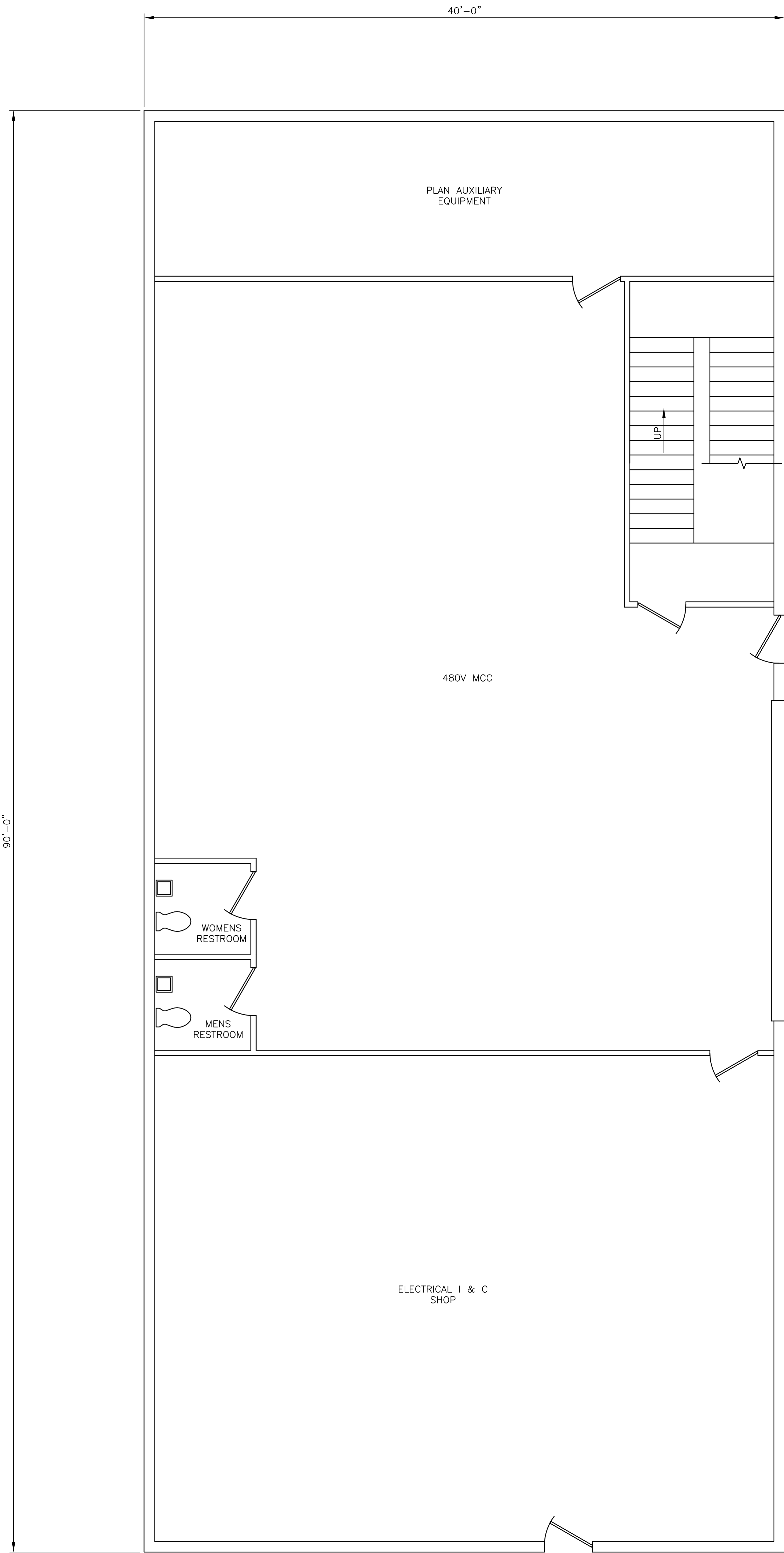
ENGINEER: EEB
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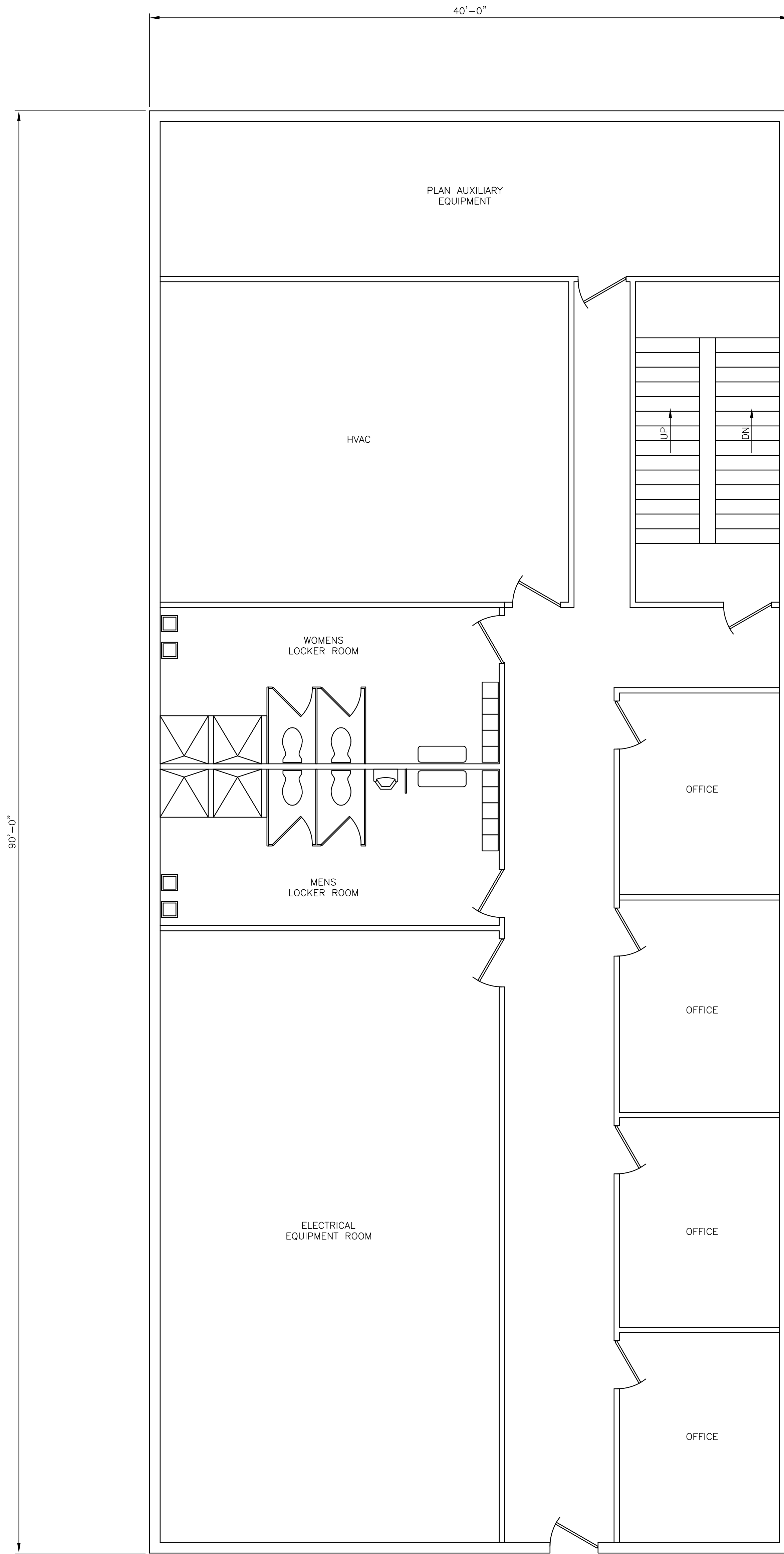


1	09/JAN/2012	ISSUED FOR PERMITTING PURPOSES ONLY	DAS	DAS	EEB	
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NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE APP

SYN42704 ACSD
01/09/12 14:12:01
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1/4" x 1/4"



PLAN @ GRADE



PLAN @ MEZZANINE

GENERAL NOTES

FOR PERMITTING
PURPOSES ONLY

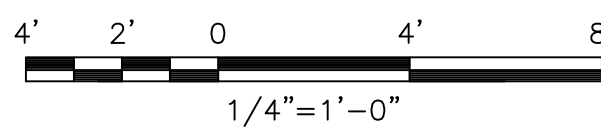
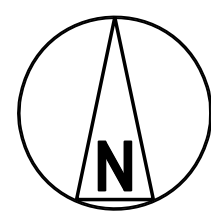
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BLACK & VEATCH		12244 Sun Bay Parkway West Suite 400 Boca Raton, Florida 33433 Telephone: 561-995-1000 Fax: 561-995-1001
ENGINEER: EEB	DRAWN: DAS	
CHECKED:	DATE:	

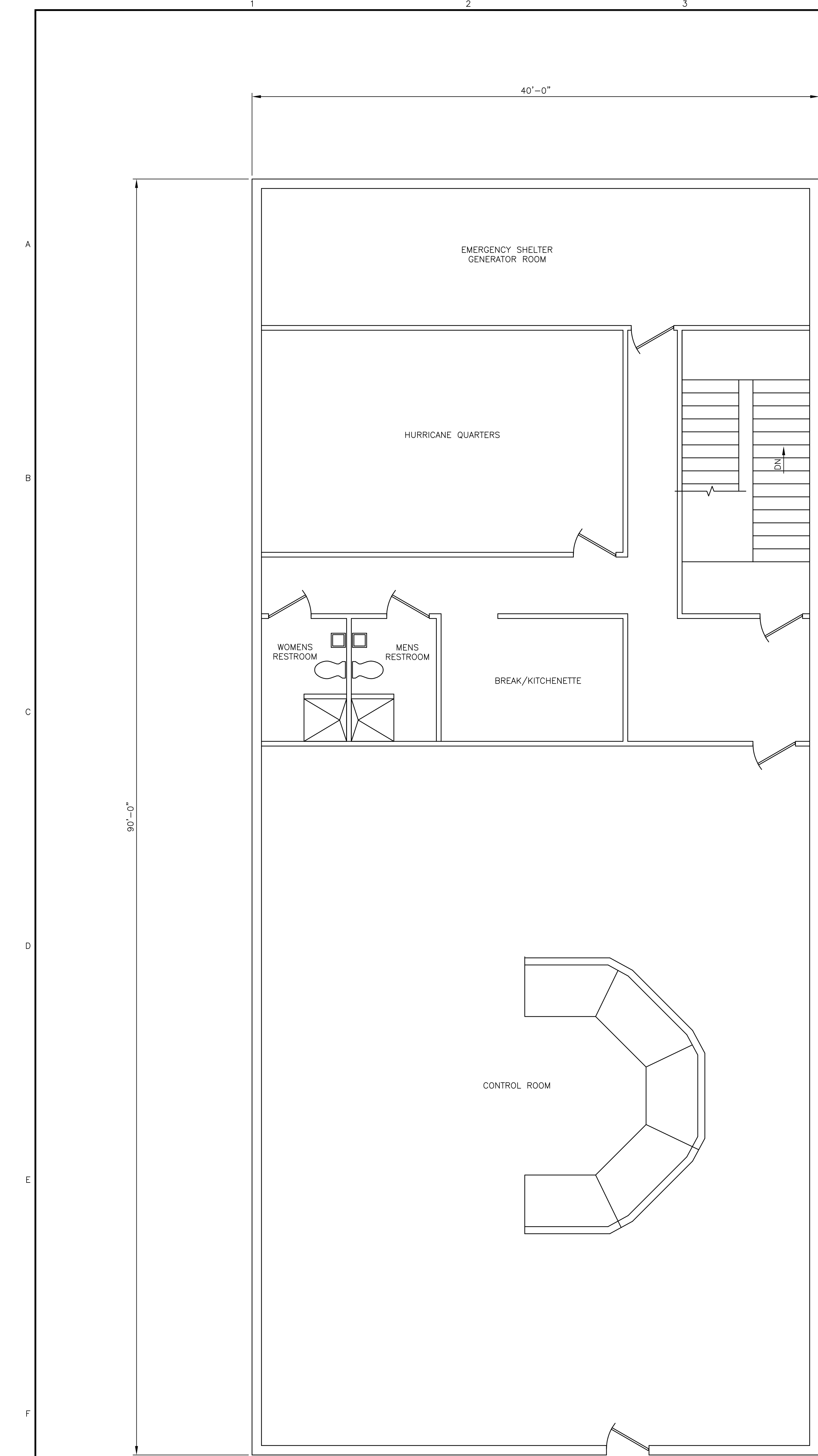
FLORIDA POWER & LIGHT
PORT EVERGLADES PLANT
ARCHITECTURAL - PLANS
CONTROL/HURRICANE SHELTER

PROJECT NUMBER: 174101-DS-0052	DRAWING NUMBER:	REV 0
CODE:	REFERENCE DWG NUMBER:	
AREA:		

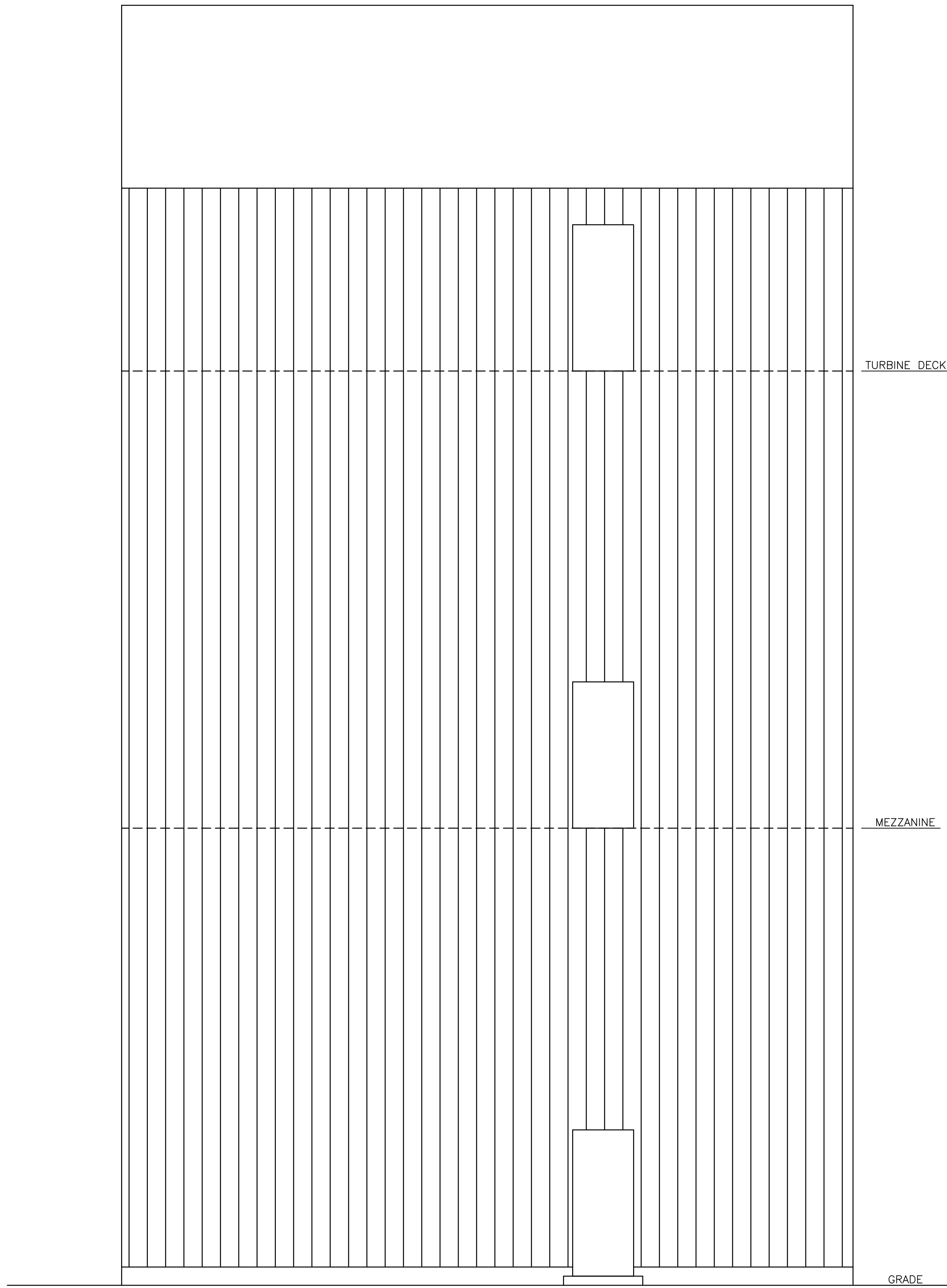
0	09/JAN/2012	ISSUED FOR PERMITTING PURPOSES ONLY	DAS	DAS	EEB
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK
			PDE	APP	



SYN42704 ACSD
01/09/12 14:12:28
18.0s (LWS Test)
1/4" x 1/4"



PLAN @ TURBINE DECK



SOUTH ELEVATION

NOTES

1. FOR GENERAL NOTES SEE DWG DS-0052.

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FLORIDA POWER & LIGHT
PORT EVERGLADES PLANT

ARCHITECTURAL - PLAN & ELEVATION
CONTROL/HURRICANE SHELTER

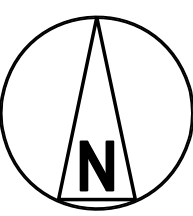
PROJECT NUMBER: 174101-DS-0053

CODE: REFERENCE DWG NUMBER:

REV 0

BLACK & VEATCH
12244 Glen Bay Parkway West
Suite 400
Boca Raton, Florida 33433
Tel: 561-996-1000
Fax: 561-996-1001
www.blackandveatch.com
ENGINEER: EEB
DRAWN: DAS
CHECKED: DATE:

4' 2' 0 4' 8'
1/4"=1'-0"



0	09/JAN/2012	ISSUED FOR PERMITTING PURPOSES ONLY	DAS	DAS	EEB
NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK