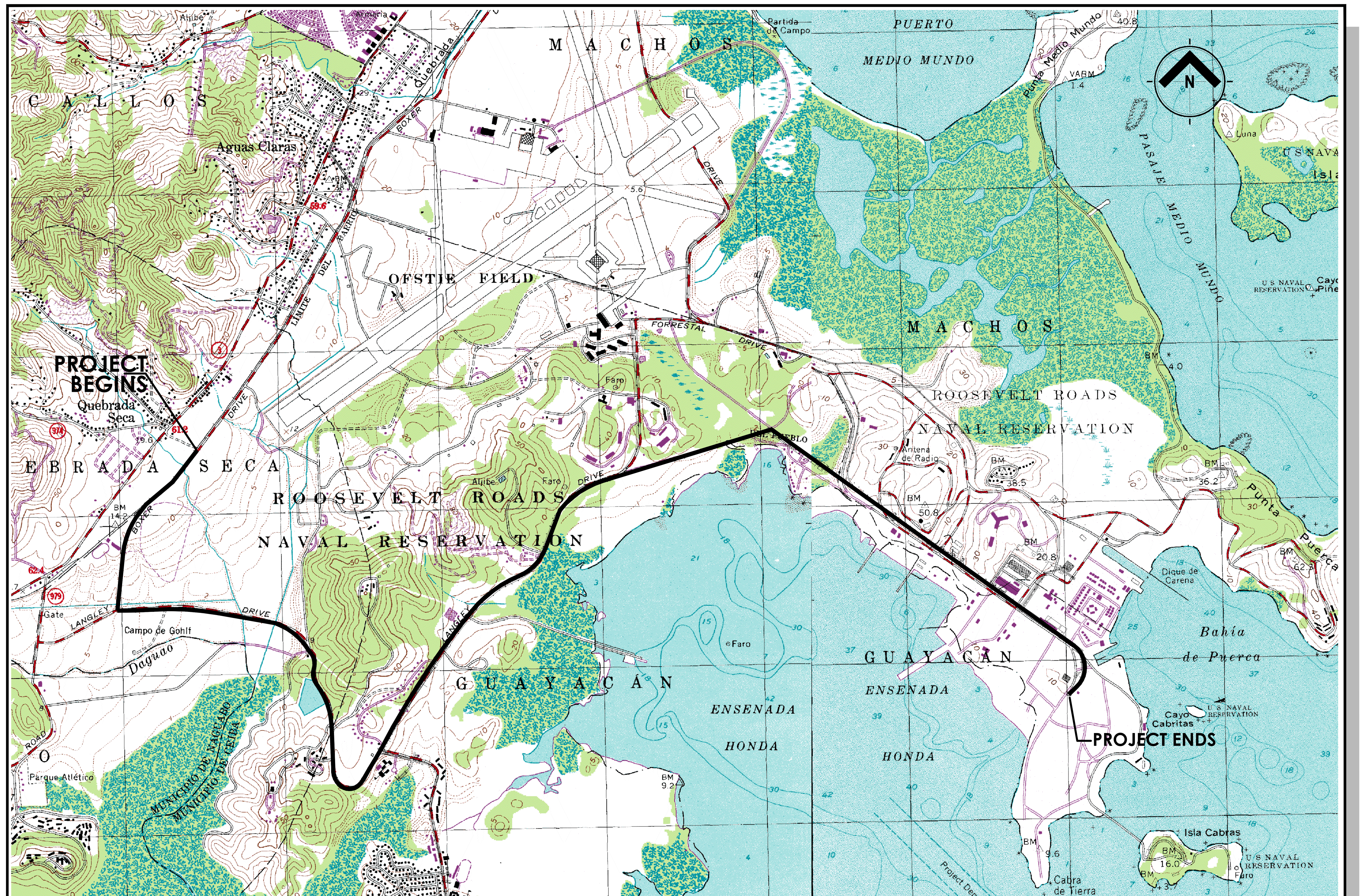
EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT

CEIBA & NAGUABO, PUERTO RICO
CONSTRUCTION DRAWINGS
MAY 17, 2018



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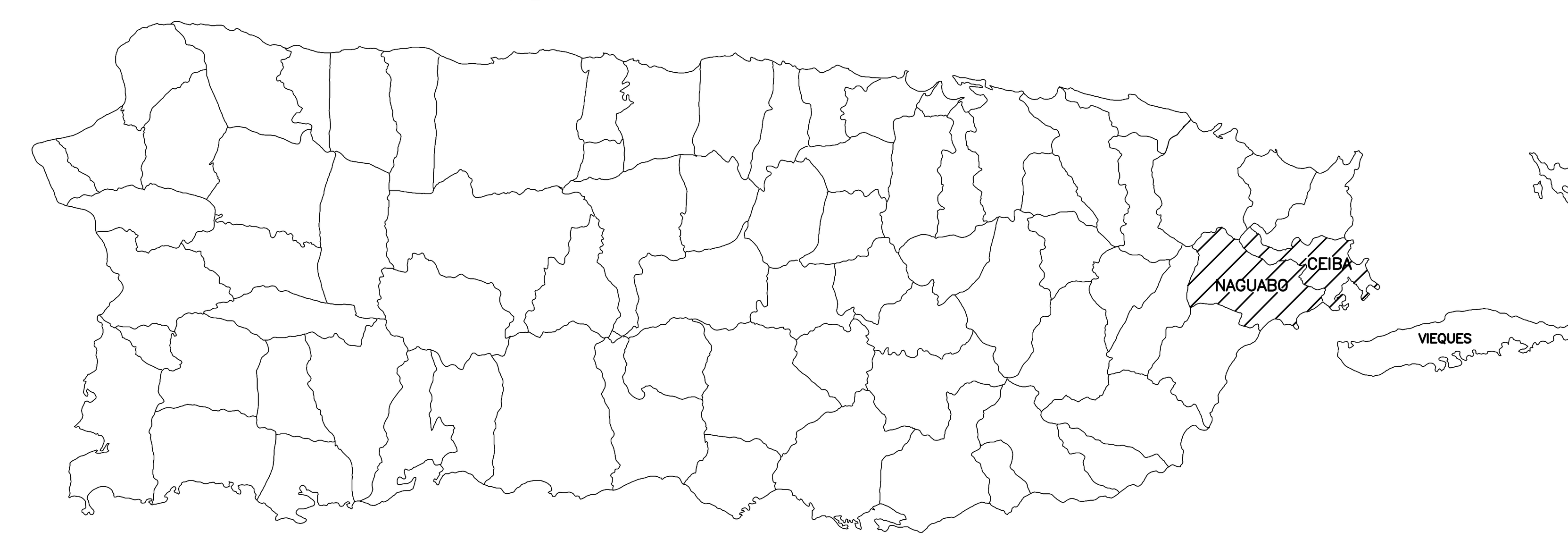

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GRAPHIC SCALE = 1:20,000
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DATE
MAY 17, 2018
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SHEET INFO.

Project No.: 19-1741.0 Job.94
Set Date: 2018/05/17
Drawn by:
Dwg. Date: 2016/11/29

Revisions

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GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority for Roosevelt Roads

Project Title:
EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT
CEIBA & NAGUABO, PUERTO RICO
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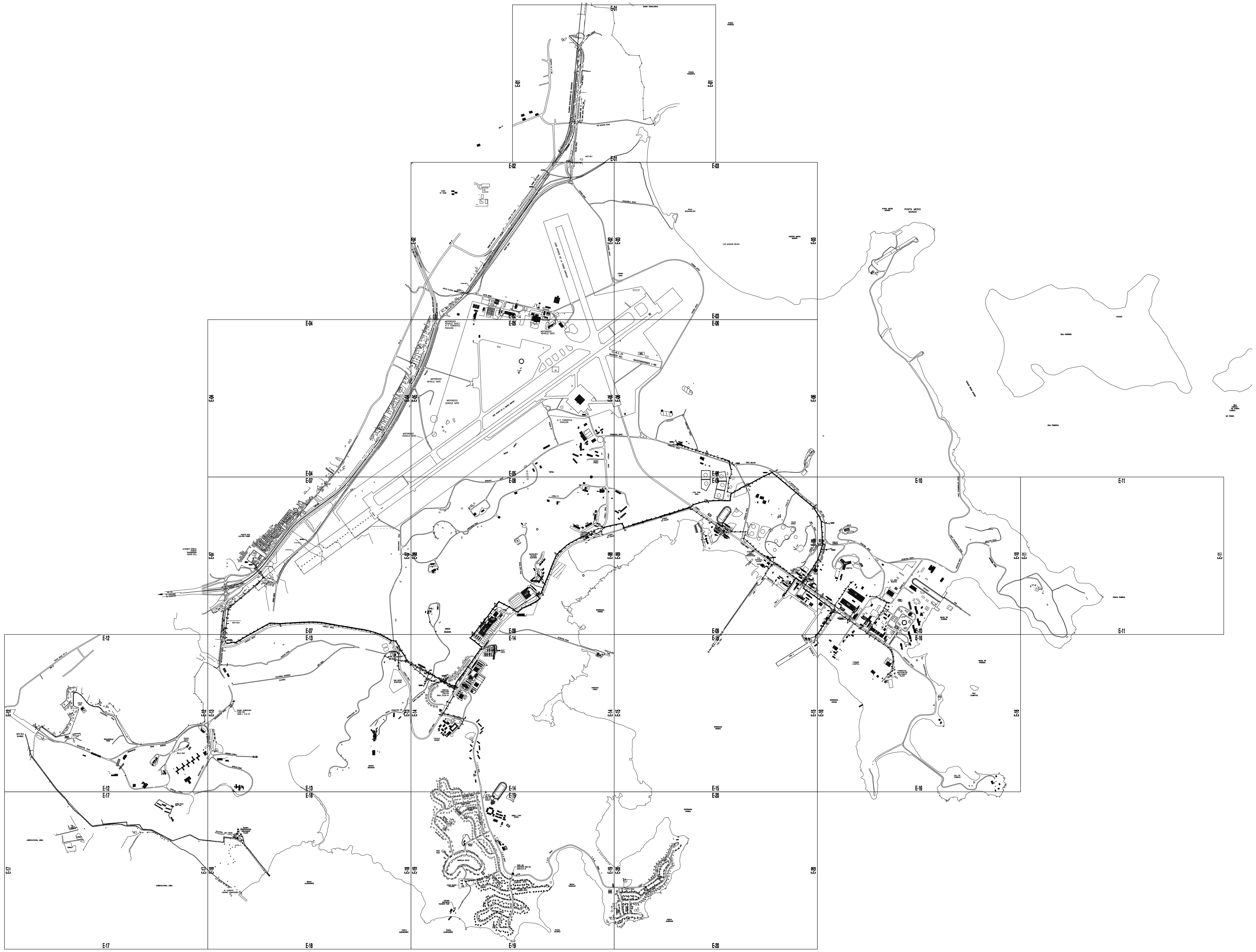

ELECTRICAL MASTER INDEX

SCALE: 1:20,000

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CEIBA & NAGUABO, PUERTO RICO
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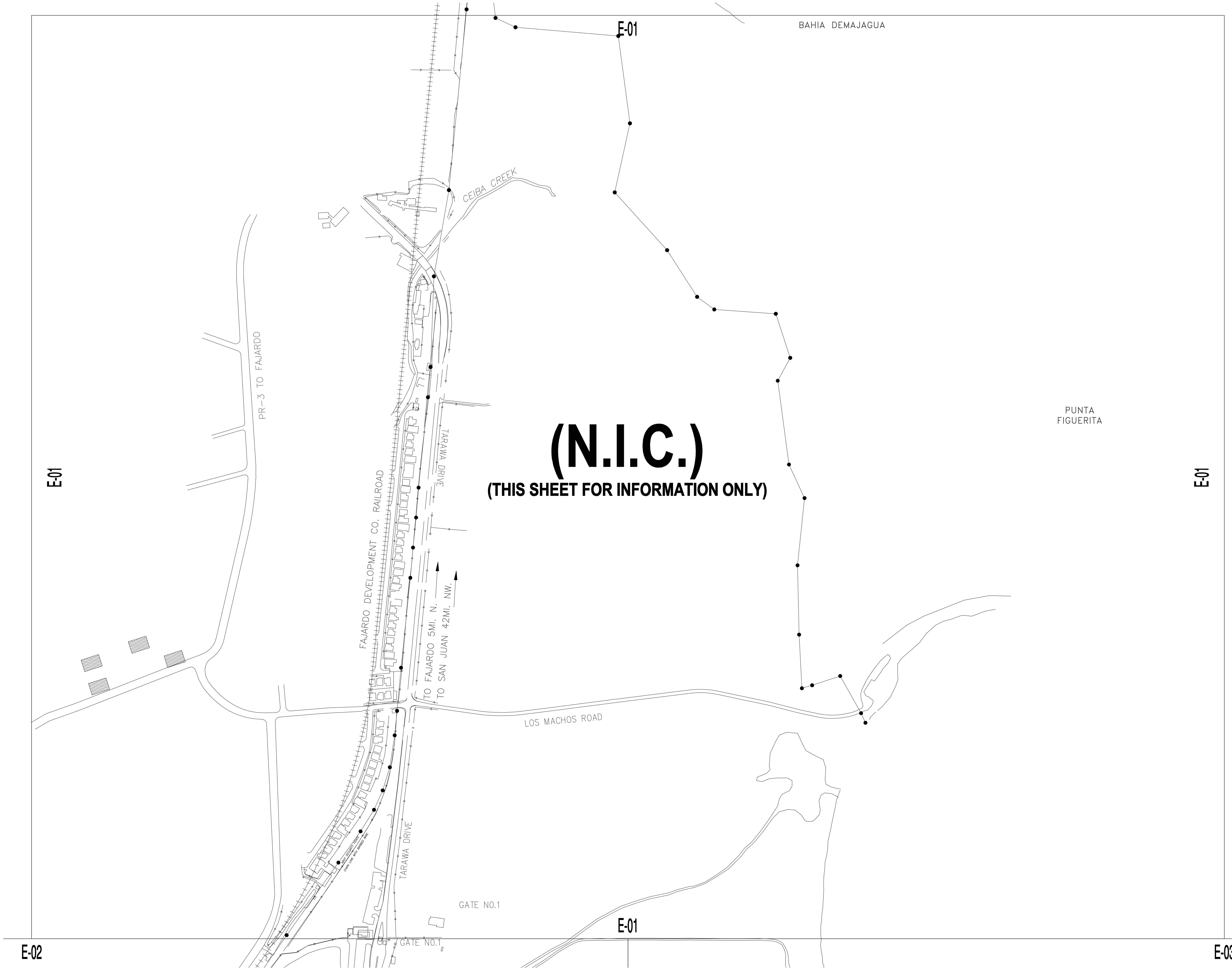

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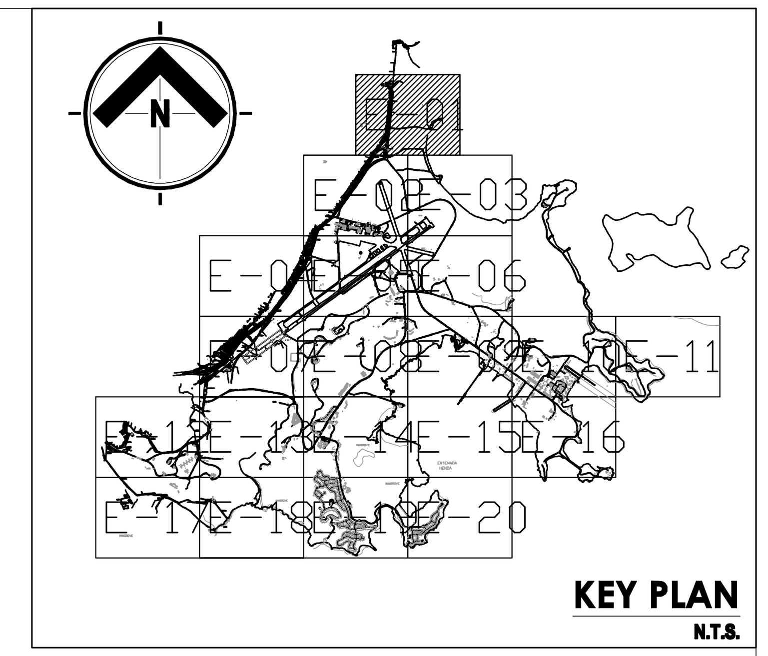

EXISTING CONDITIONS
SECTOR E-01 PARTIAL ELECTRICAL SITE PLAN
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GOVERNMENT OF PUERTO RICO
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CEIBA & NAGUABO, PUERTO RICO
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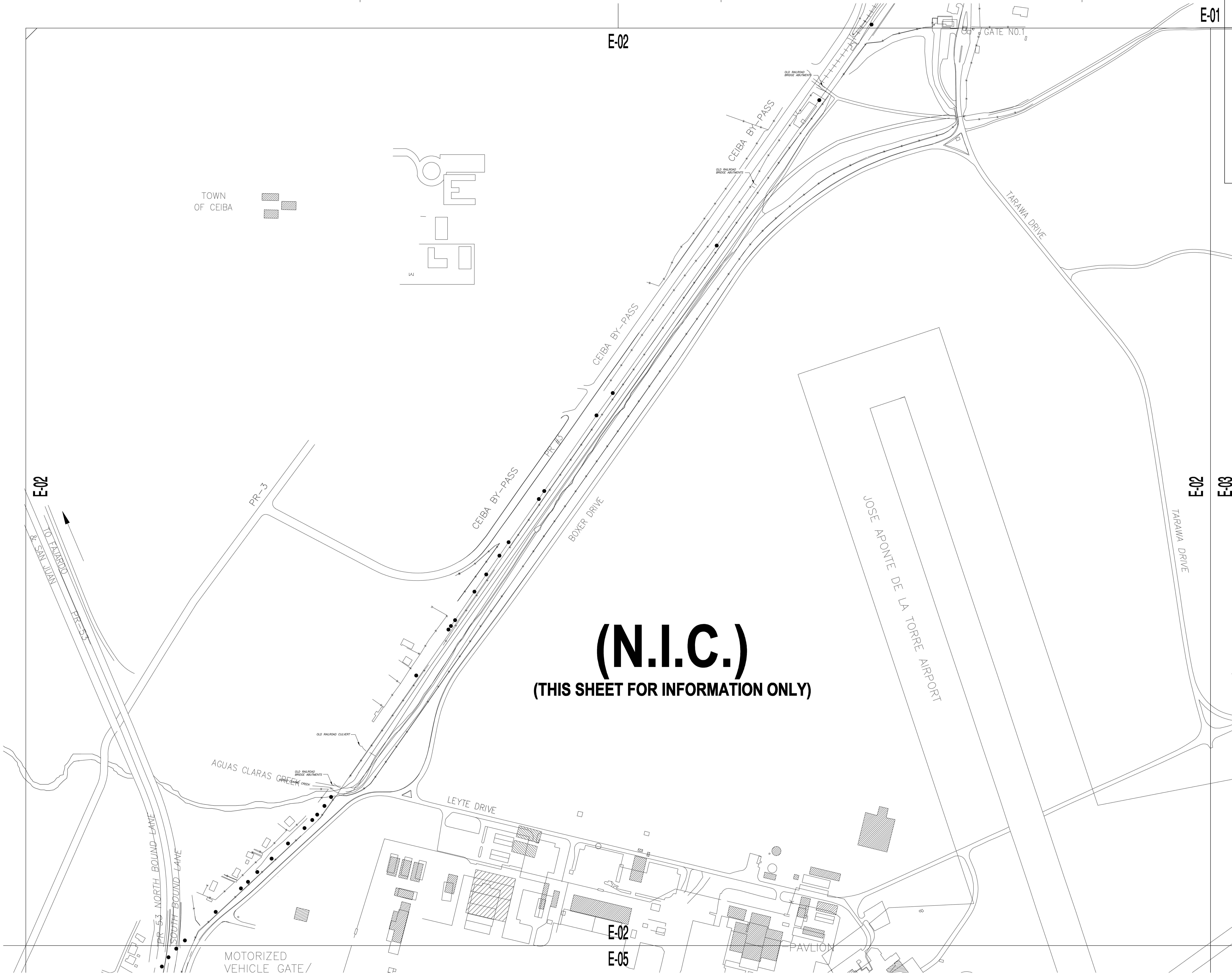

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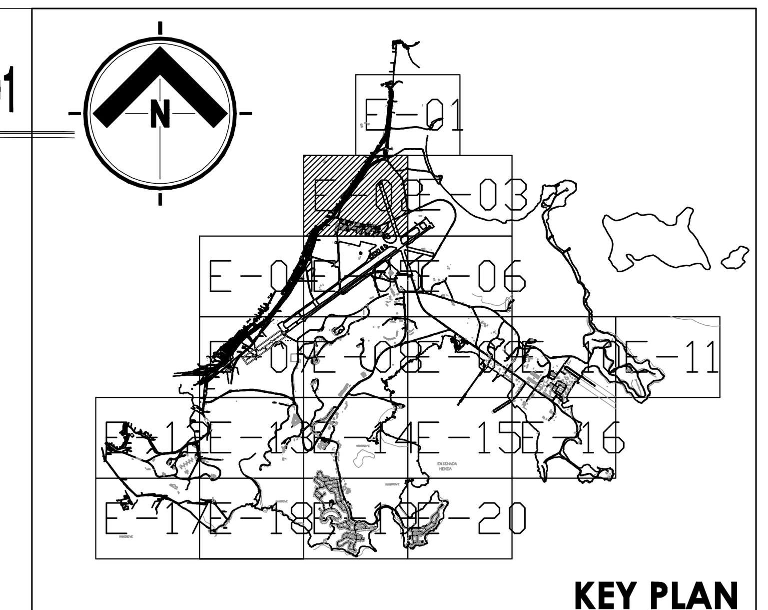

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GOVERNMENT OF PUERTO RICO
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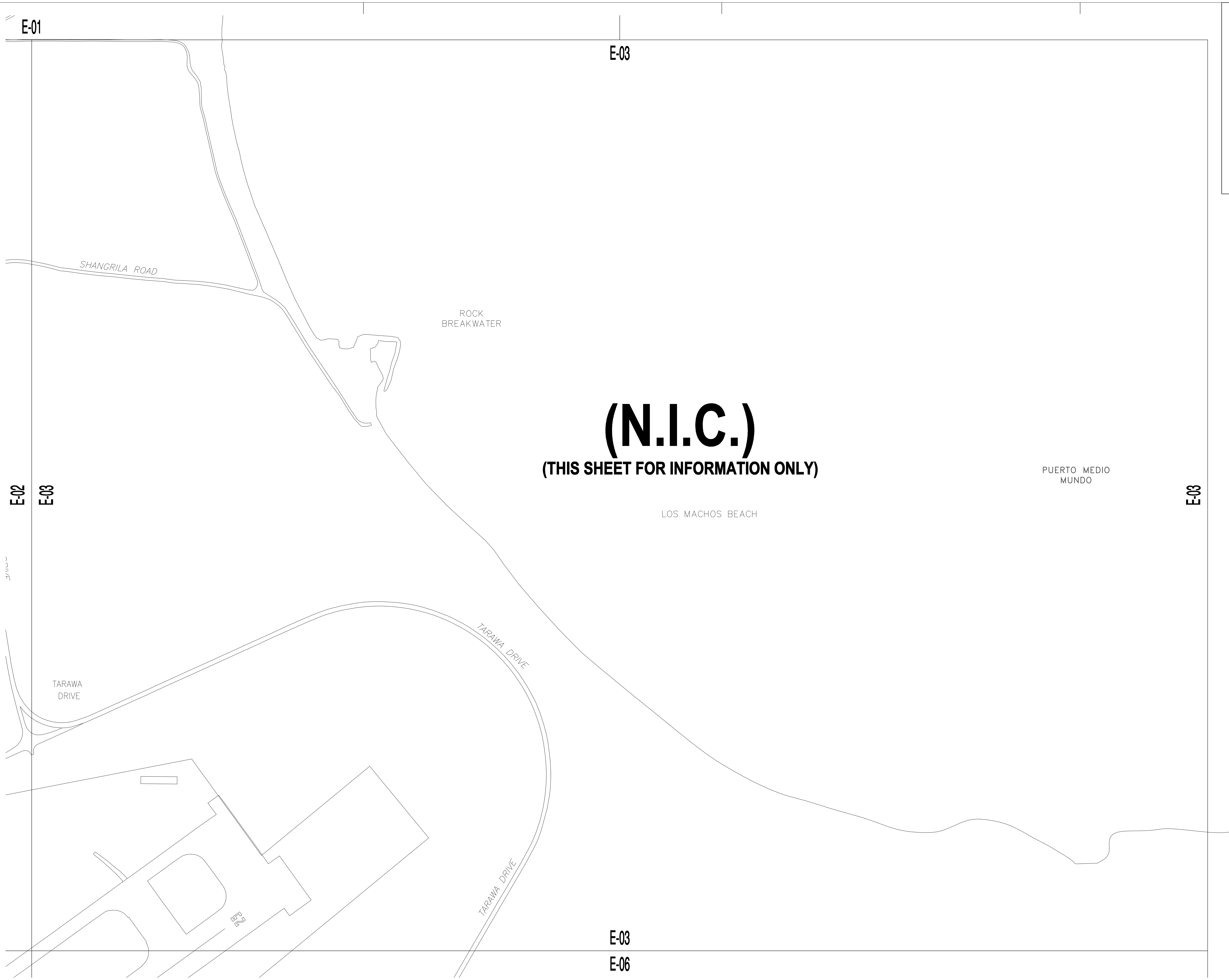

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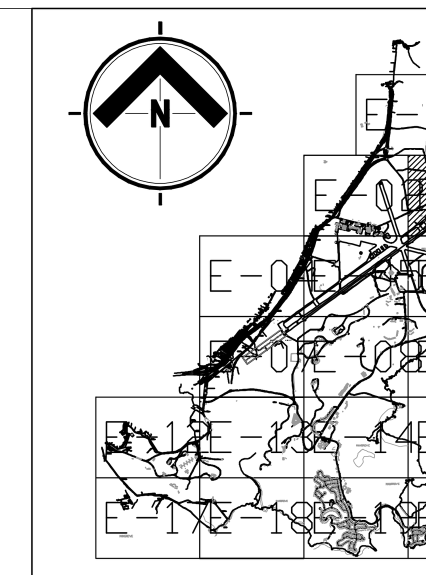

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SHEET INFO.
Project No.: 19-1741.0 Job.04
Set Date: 2018/05/17
Drawn by: NAME
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GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority for Roosevelt Roads

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SECTOR E-03 PARTIAL ELECTRICAL SITE PLAN

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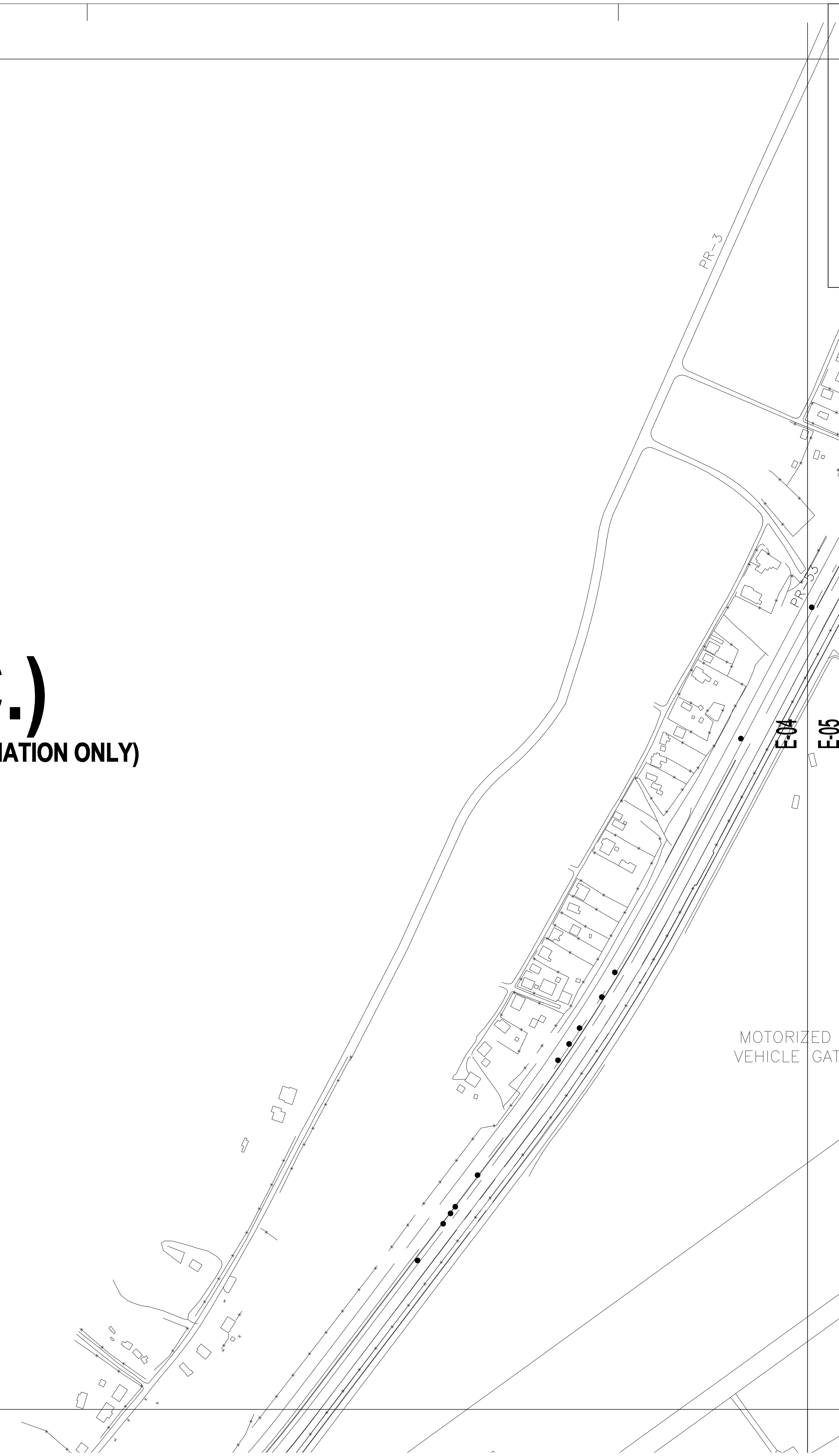

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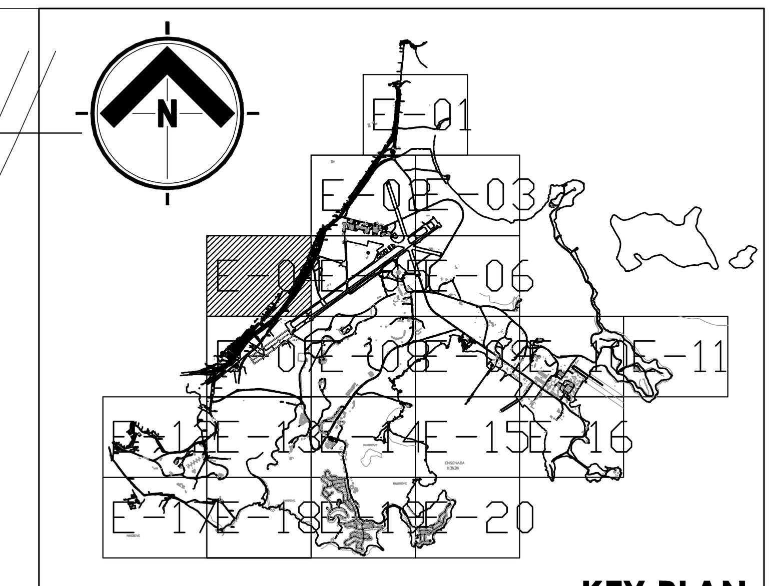
EXISTING CONDITIONS

SECTOR E-04 PARTIAL ELECTRICAL SITE PLAN

SCALE: 1:3,000



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GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority
for Roosevelt Roads

Project Title:

EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT

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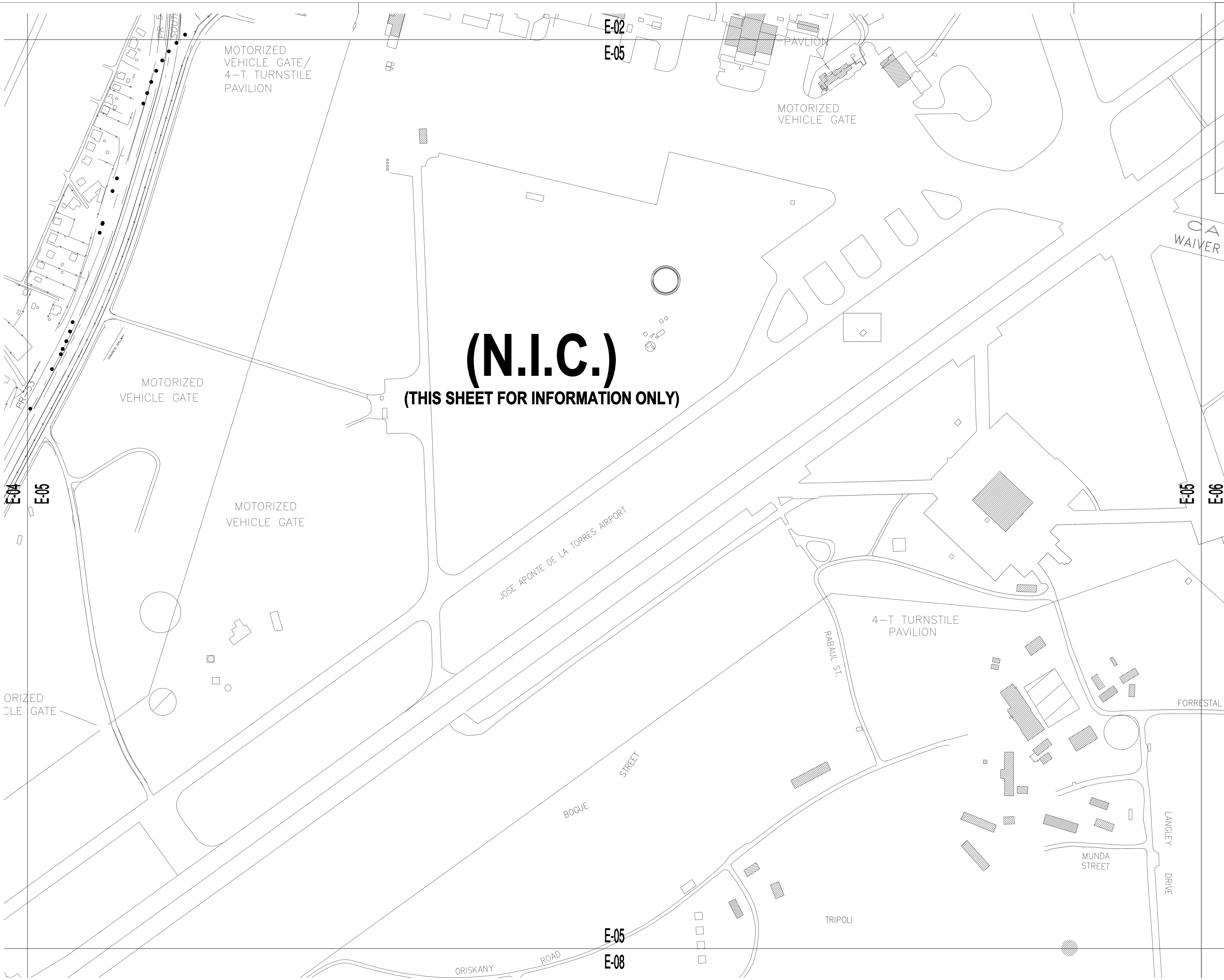

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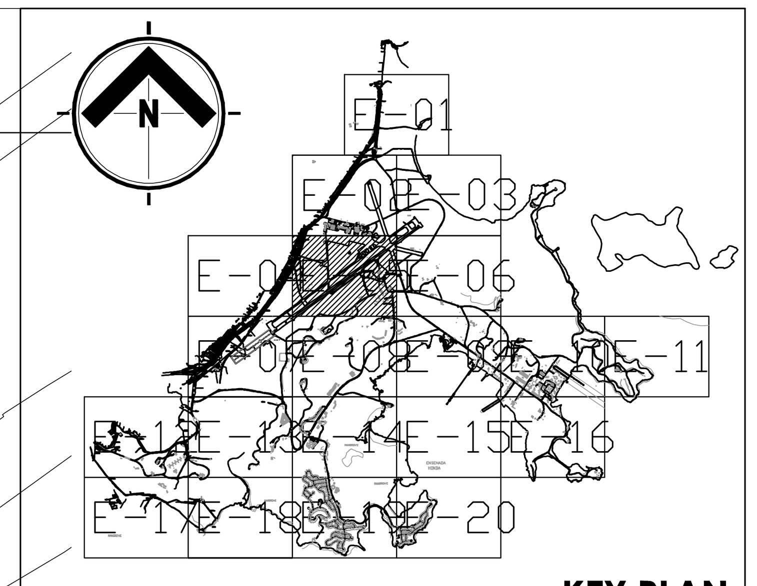

KEY PLAN
N.T.S.

EXISTING CONDITIONS
SECTOR E-05 PARTIAL ELECTRICAL SITE PLAN
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SHEET INFO.
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GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority
for Roosevelt Roads

Project Title:
EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT
CEIBA & NAGUABO, PUERTO RICO
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SECTOR E-05 PARTIAL ELECTRICAL SITE PLAN

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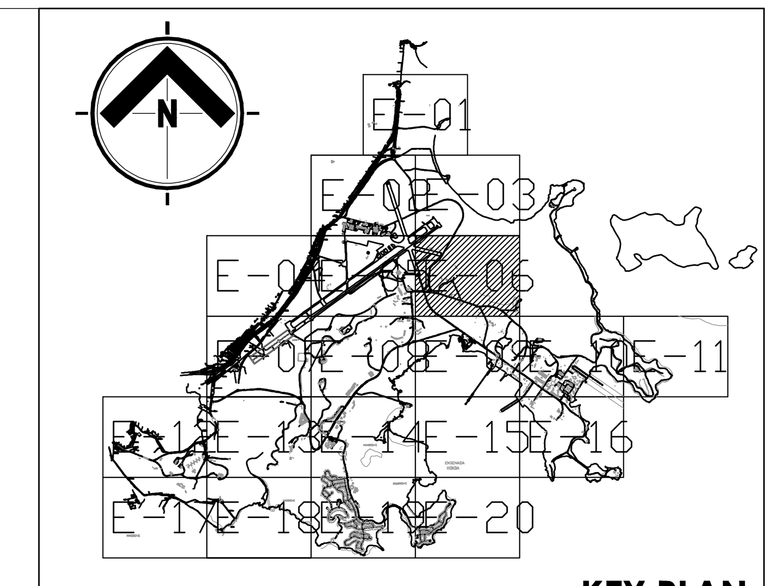
EXISTING CONDITIONS
SECTOR E-06 PARTIAL ELECTRICAL SITE PLAN

SCALE: 1:3,000



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JUNE 4, 2018
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GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority
for Roosevelt Roads

Project Title:

EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT

CEIBA & NAGUABO, PUERTO RICO
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SECTOR E-06 PARTIAL ELECTRICAL SITE PLAN

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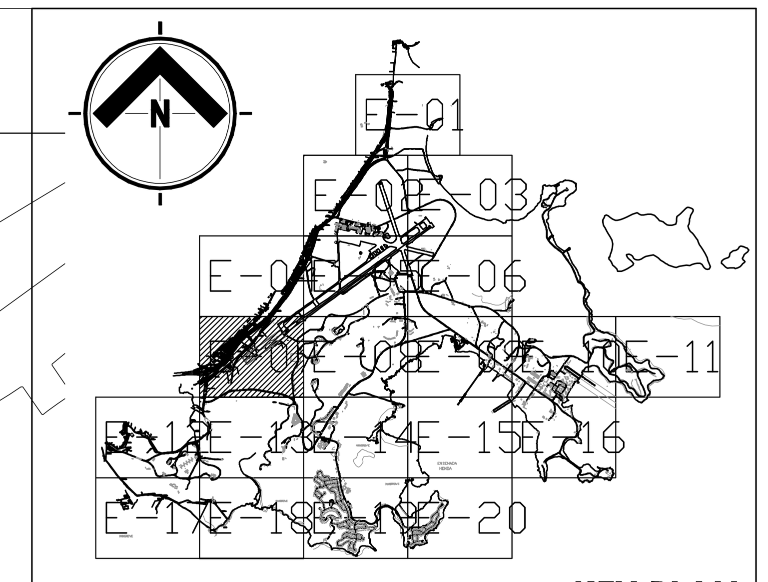
EXISTING CONDITIONS
SECTOR E-07 PARTIAL ELECTRICAL SITE PLAN
SCALE: 1:3,000



KEY PLAN
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CONSTRUCTION DRAWINGS

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SHEET INFO.
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GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority for Roosevelt Roads

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EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT
CEIBA & NAGUABO, PUERTO RICO
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SECTOR E-07 PARTIAL ELECTRICAL SITE PLAN

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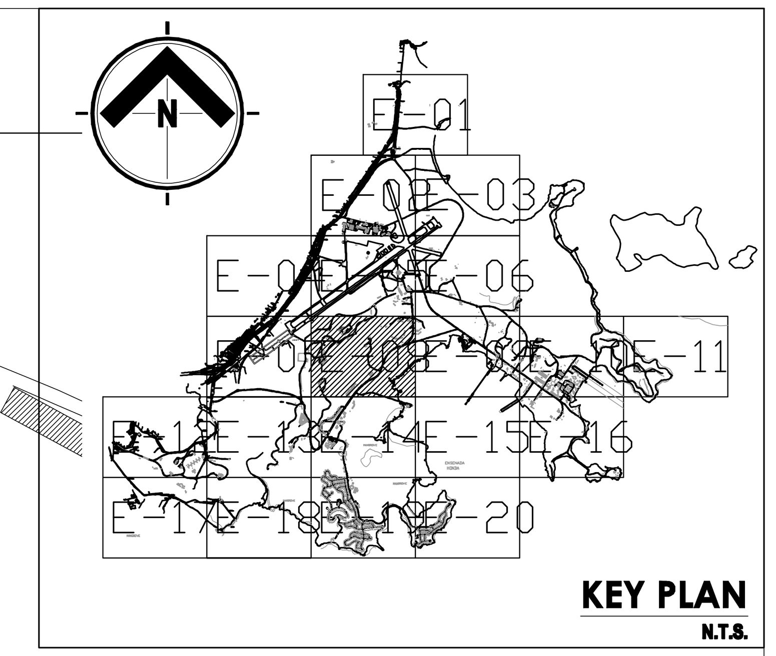

JUNE 4, 2018
GENERAL REVISION

EXISTING CONDITIONS

SECTOR E-08 PARTIAL ELECTRICAL SITE PLAN

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GOVERNMENT OF PUERTO RICO
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EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT

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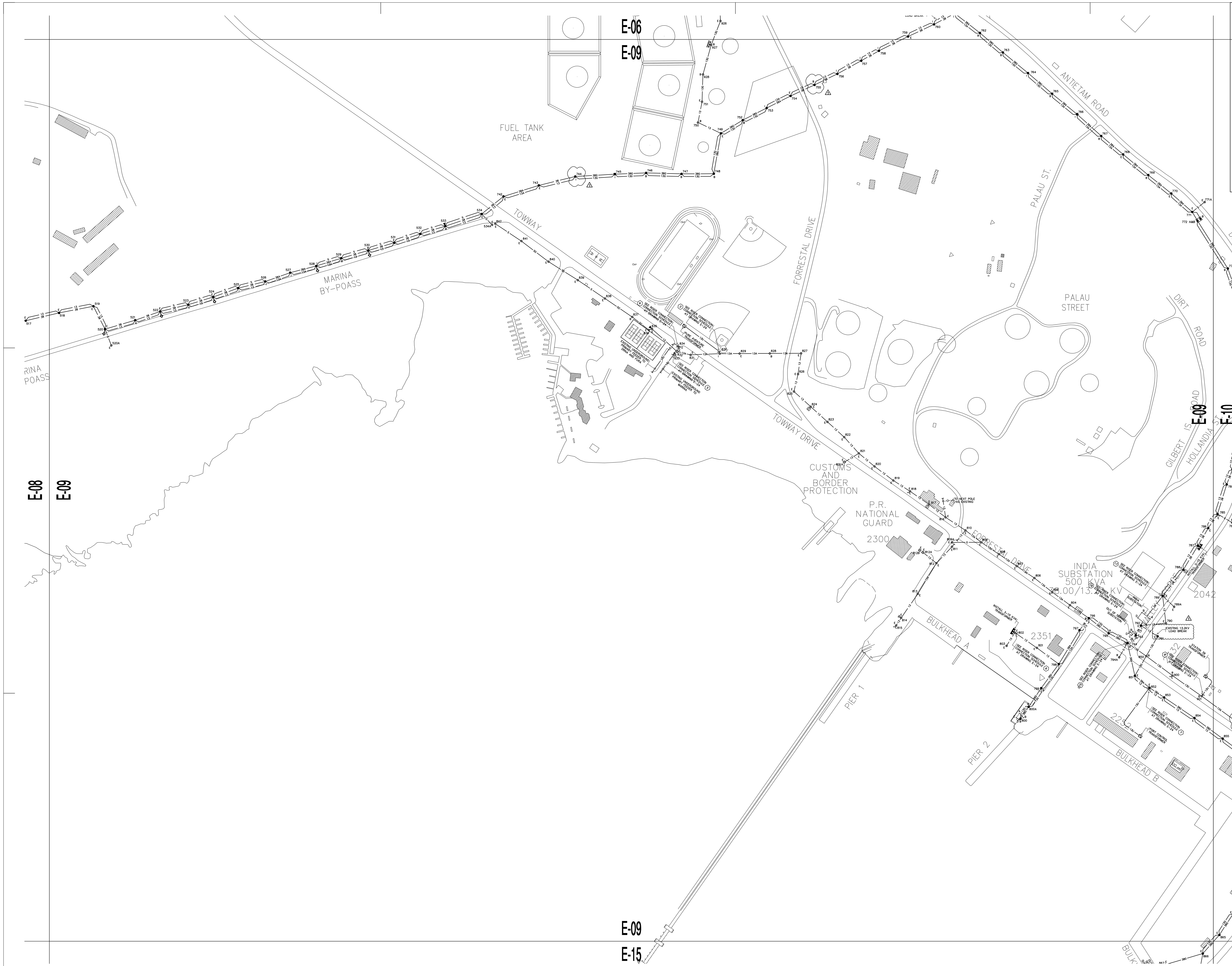

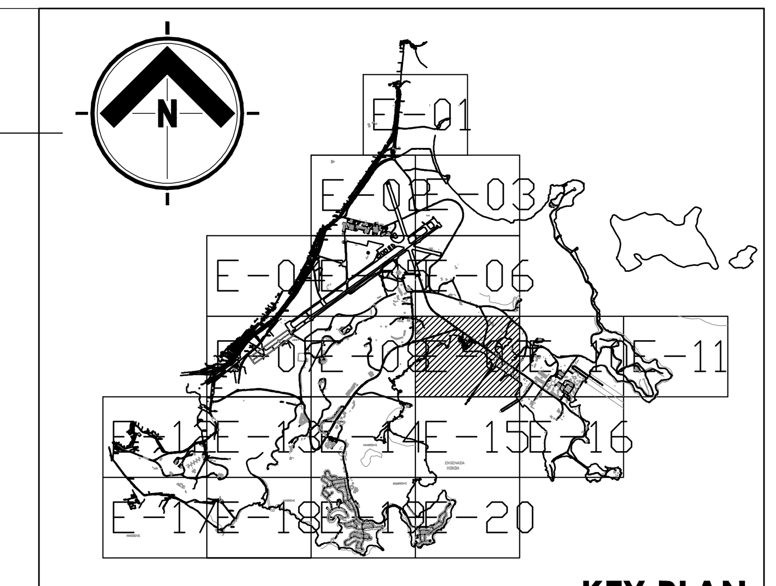

JUNE 4, 2018
GENERAL REVISION

EXISTING CONDITIONS
SECTOR E-09 PARTIAL ELECTRICAL SITE PLAN
SCALE: 1:3,000

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SHEET INFO.
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GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority for Roosevelt Roads

Project Title:
EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT
CEIBA & NAGUABO, PUERTO RICO
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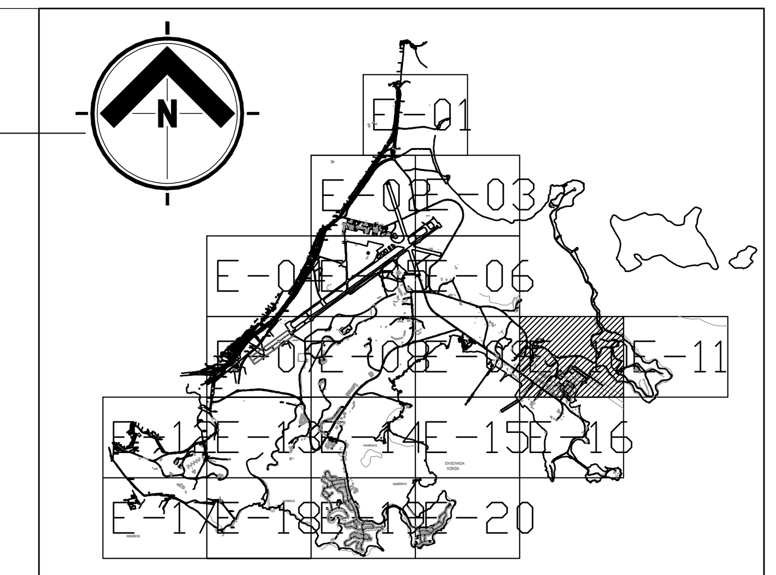

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1 JUNE 4, 2018
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EXISTING CONDITIONS
SECTOR E-10 PARTIAL ELECTRICAL SITE PLAN
SCALE: 1:3,000

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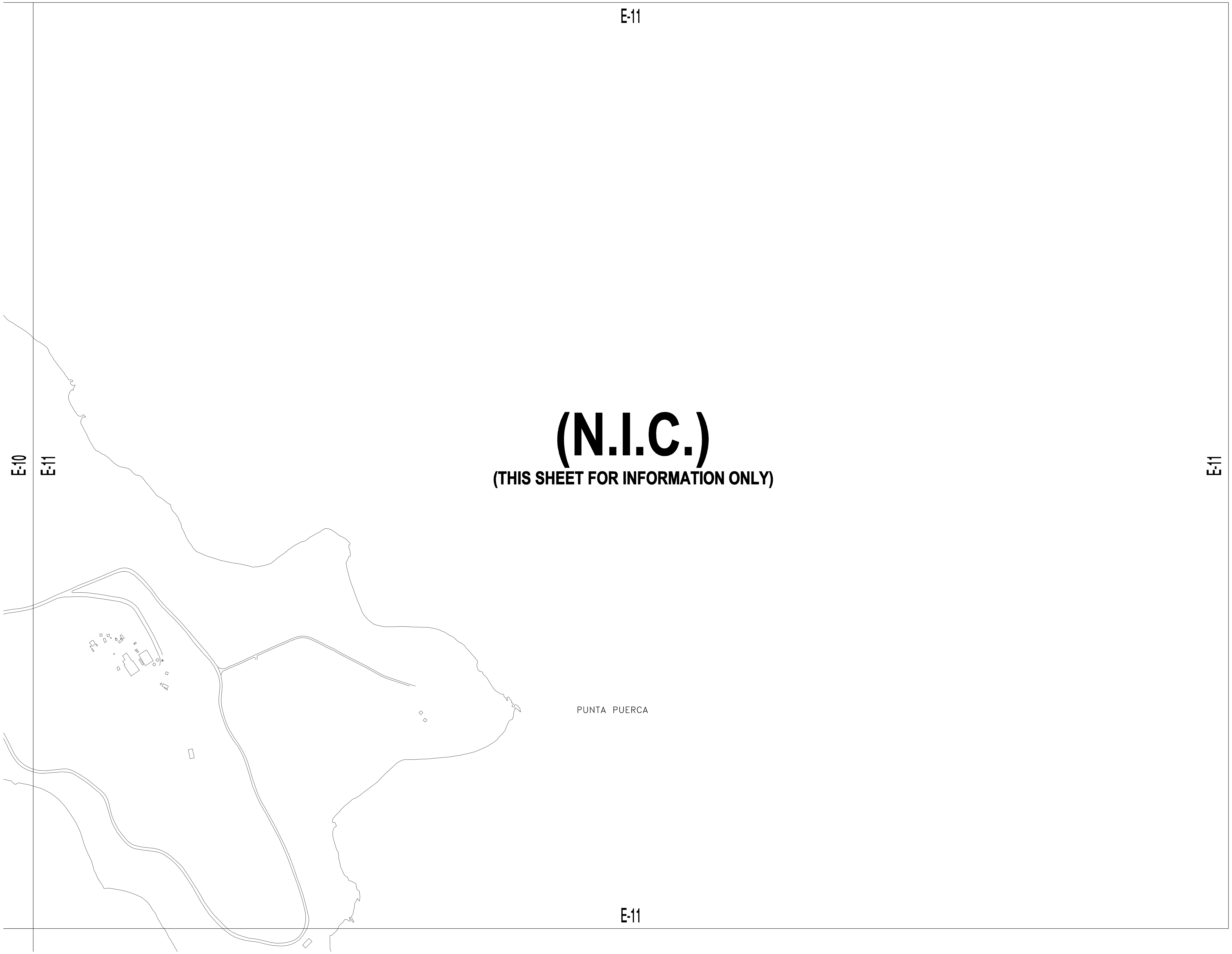
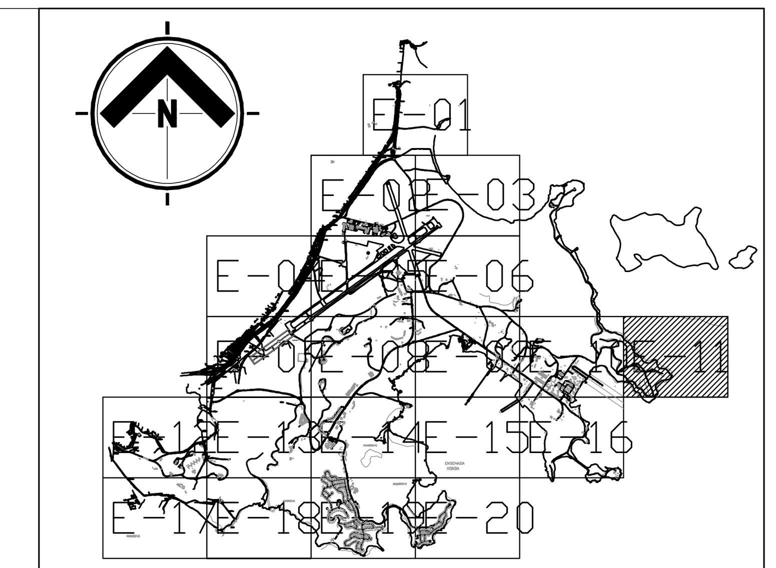


EXISTING CONDITIONS

SECTOR E-11 PARTIAL ELECTRICAL SITE PLAN

SCALE: 1:3,000



KEY PLAN

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GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority for Roosevelt Roads

Project Title:

EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT

CEIBA & NAGUABO, PUERTO RICO

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SECTOR E-11 PARTIAL ELECTRICAL SITE PLAN

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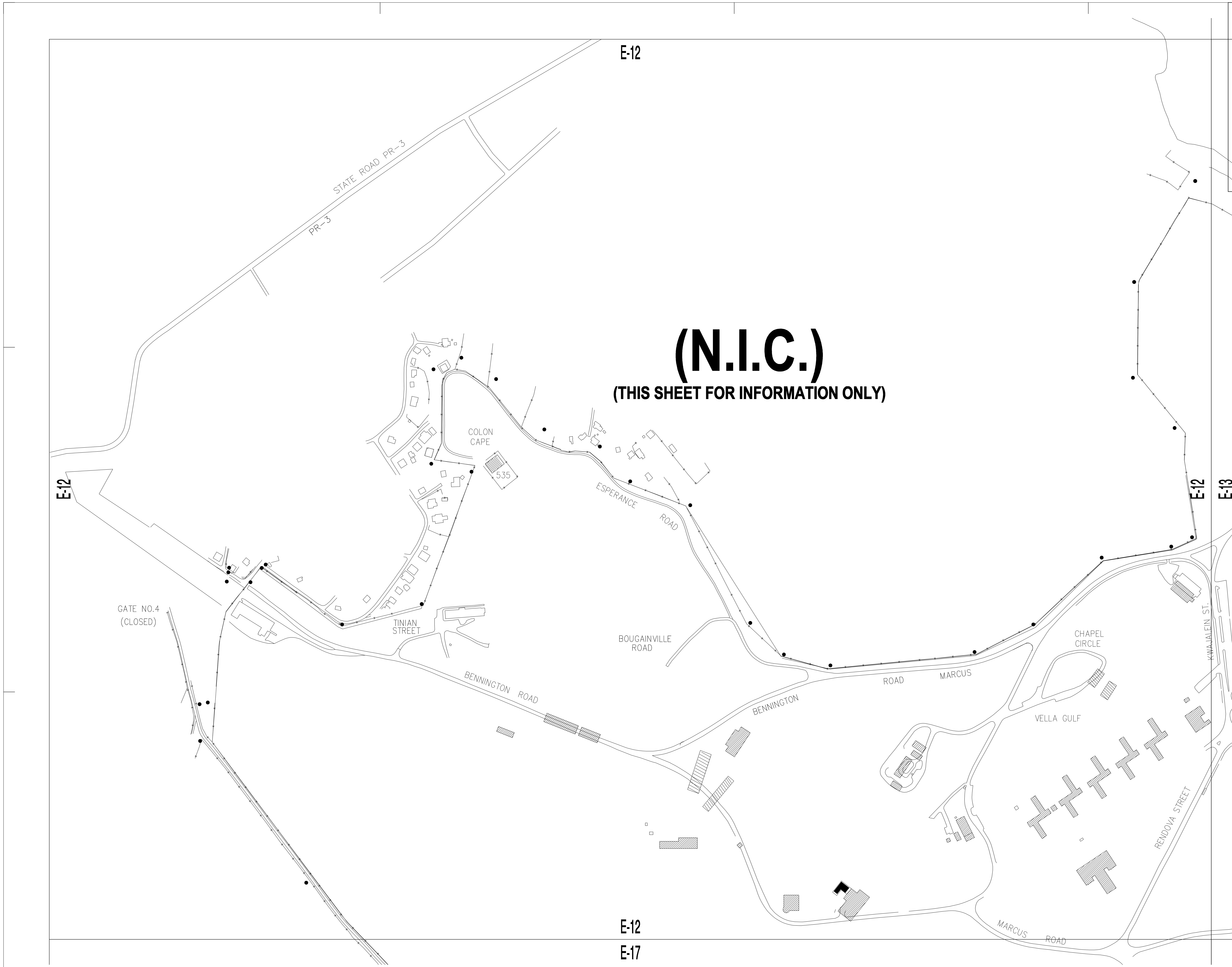

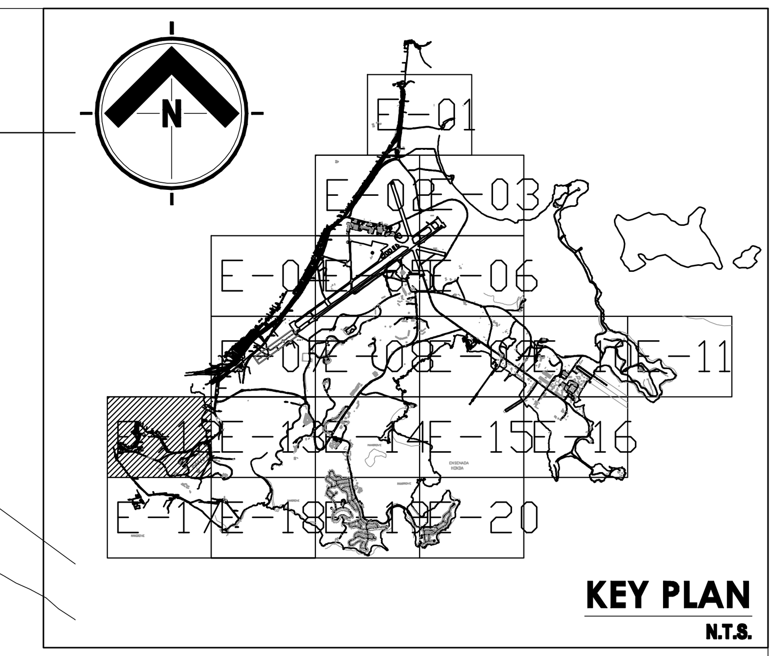

EXISTING CONDITIONS

SECTOR E-12 PARTIAL ELECTRICAL SITE PLAN

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Project Title:
EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT
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SECTOR E-12 PARTIAL ELECTRICAL SITE PLAN

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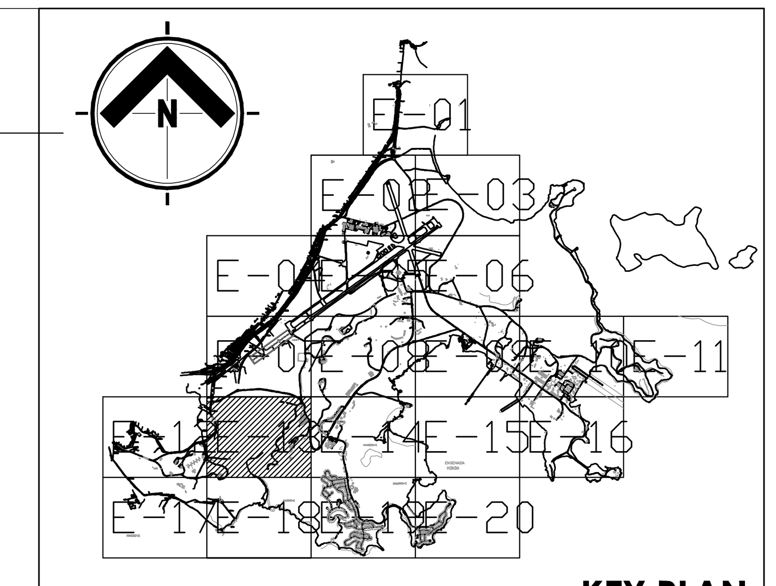

KEY PLAN

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EXISTING CONDITIONS

SECTOR E-13 PARTIAL ELECTRICAL SITE PLAN

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Local Redevelopment Authority for Roosevelt Roads

Project Title:

EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT

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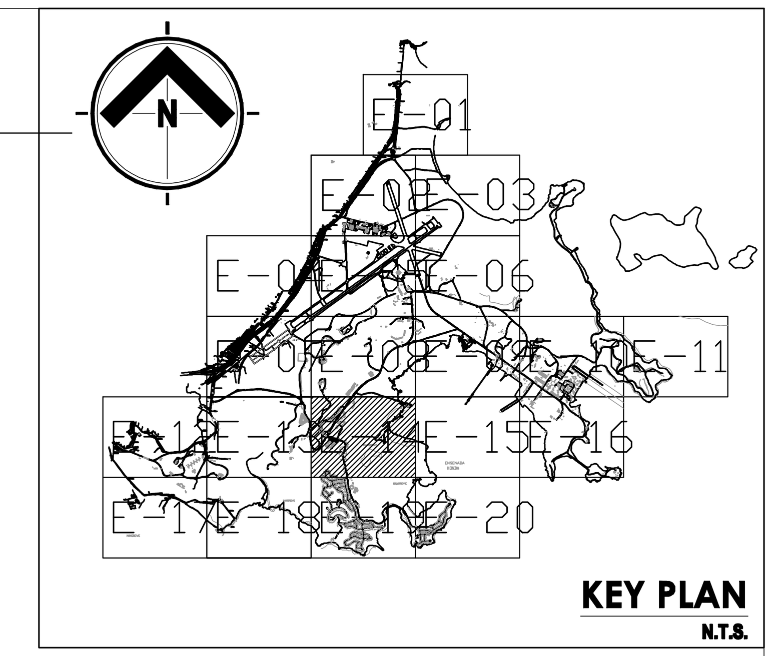

JUNE 4, 2018
GENERAL REVISION

EXISTING CONDITIONS
SECTOR E-14 PARTIAL ELECTRICAL SITE PLAN
SCALE: 1:3,000

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SECTOR E-14 PARTIAL ELECTRICAL SITE PLAN

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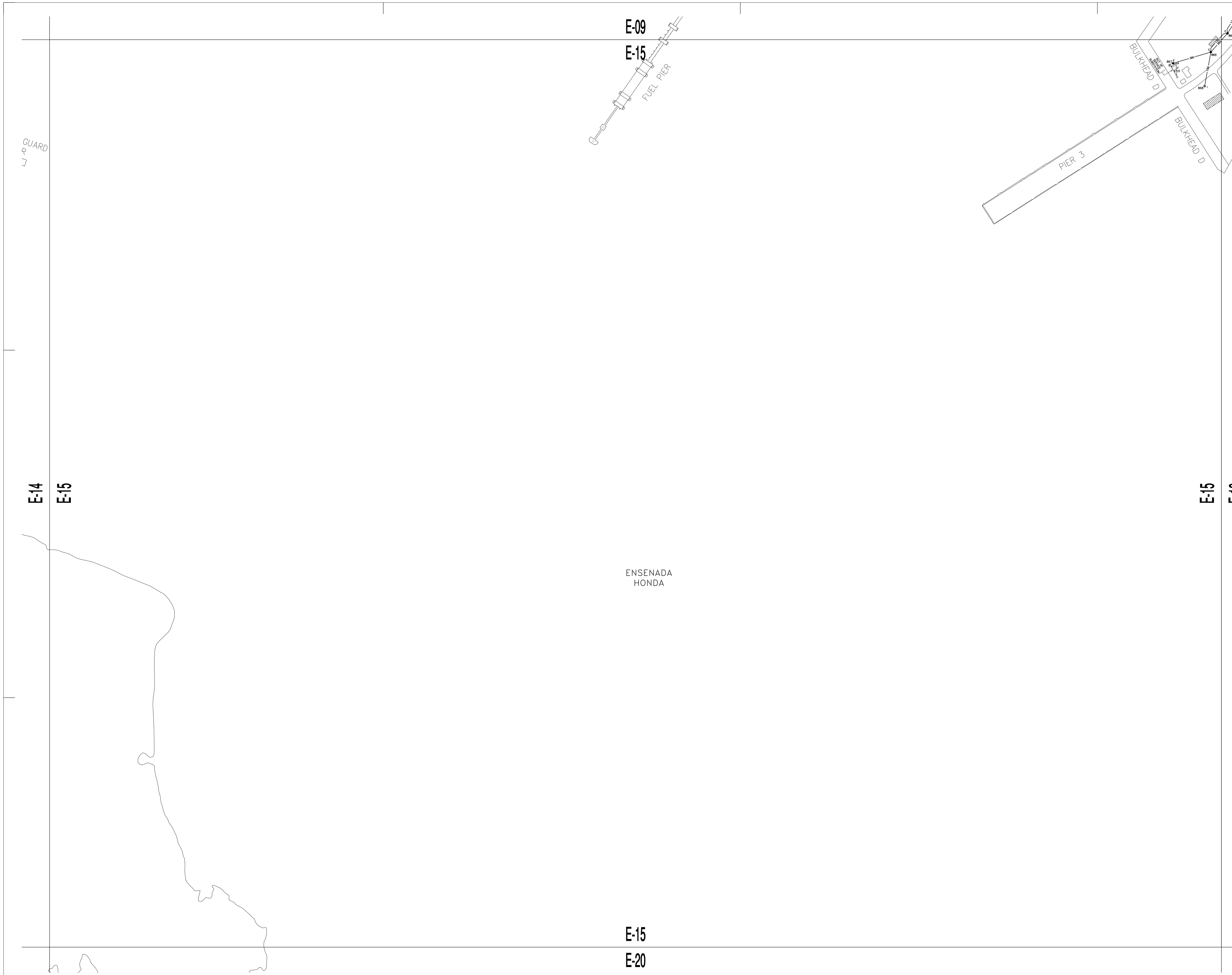

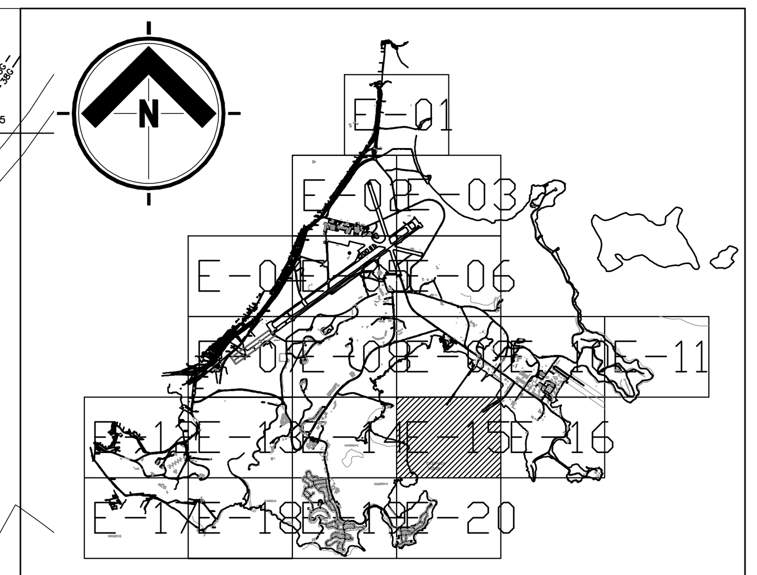

KEY PLAN
N.T.S.

EXISTING CONDITIONS
SECTOR E-15 PARTIAL ELECTRICAL SITE PLAN
SCALE: 1:3,000

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GOVERNMENT OF PUERTO RICO
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Project Title:
EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT
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SECTOR E-15 PARTIAL ELECTRICAL SITE PLAN

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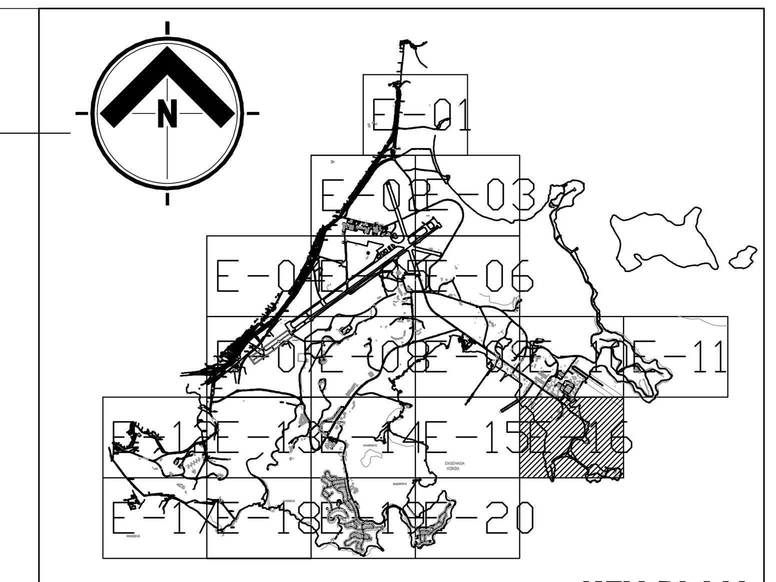

KEY PLAN
N.T.S.

EXISTING CONDITIONS

SECTOR E-16 PARTIAL ELECTRICAL SITE PLAN

SCALE: 1:3,000

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Project Title:

EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT

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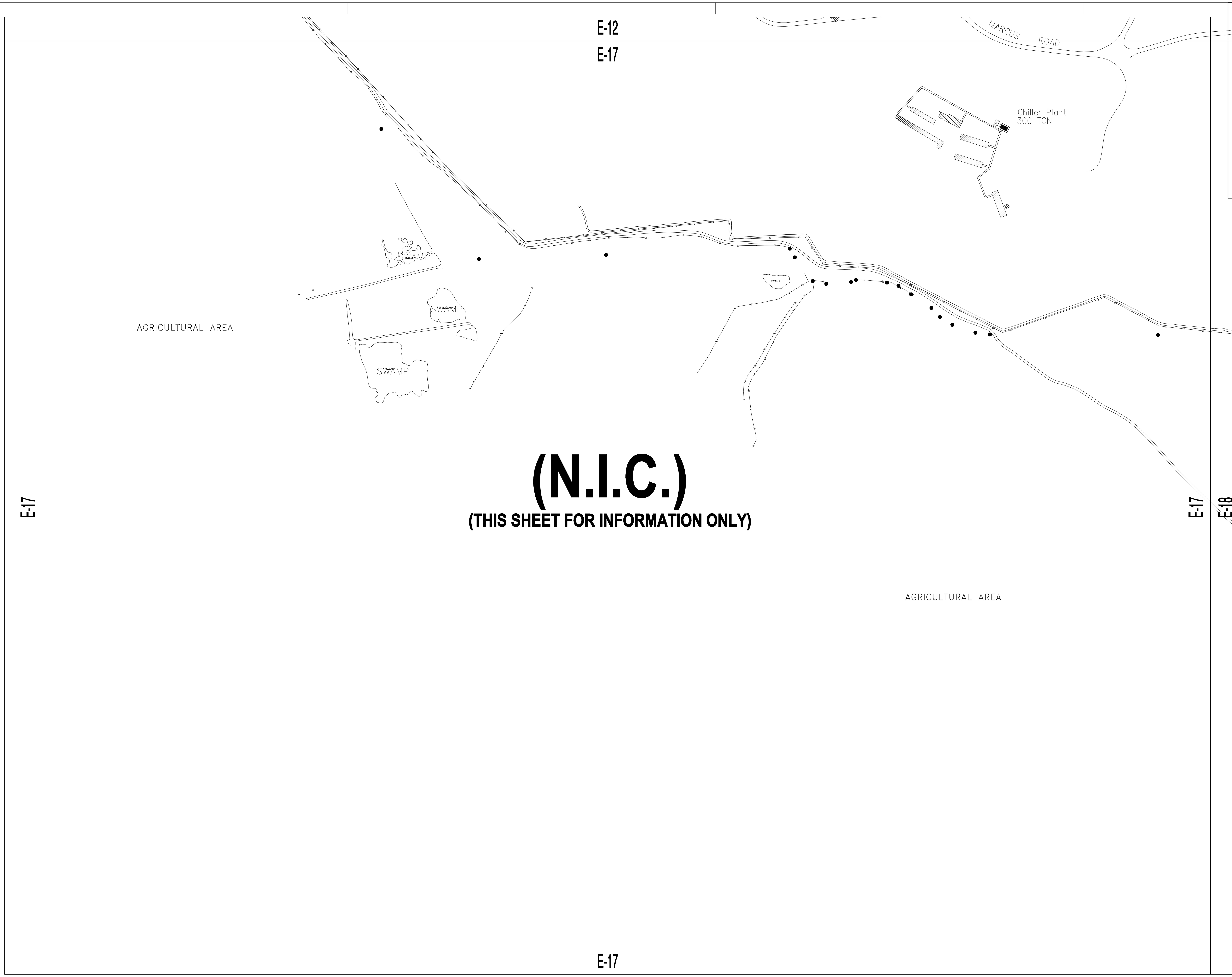

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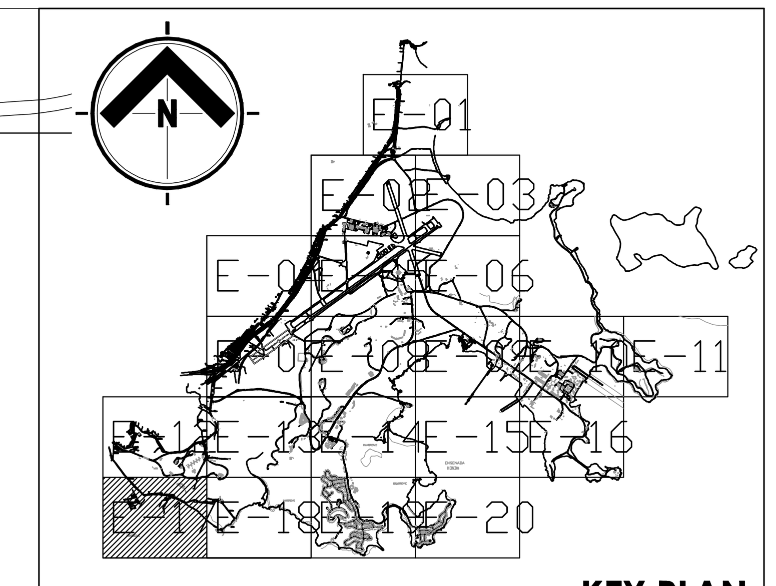

KEY PLAN
N.T.S.

EXISTING CONDITIONS
SECTOR E-17 PARTIAL ELECTRICAL SITE PLAN
SCALE: 1:3,000

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GOVERNMENT OF PUERTO RICO
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Project Title:
EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT
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SECTOR E-17 PARTIAL ELECTRICAL SITE PLAN

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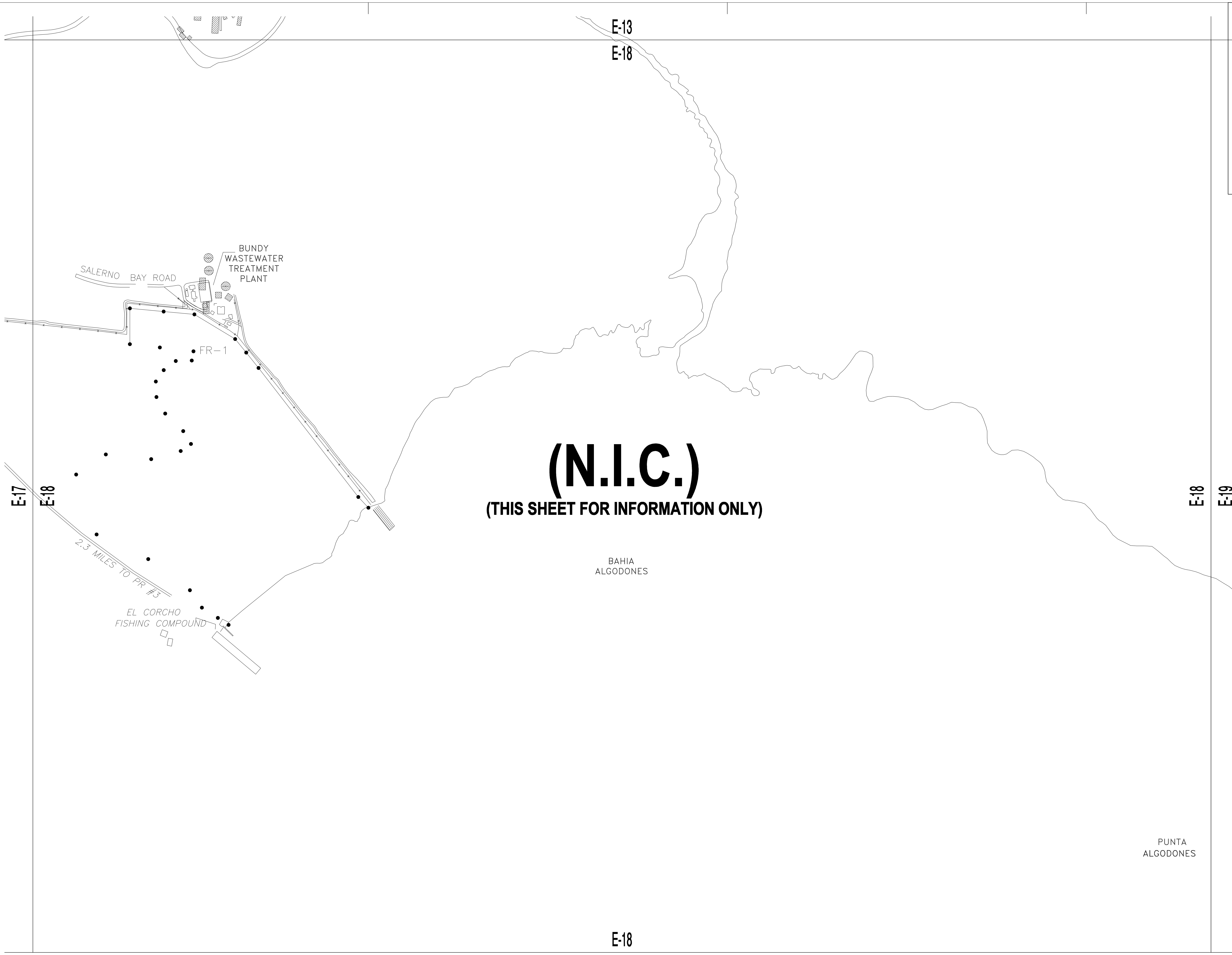

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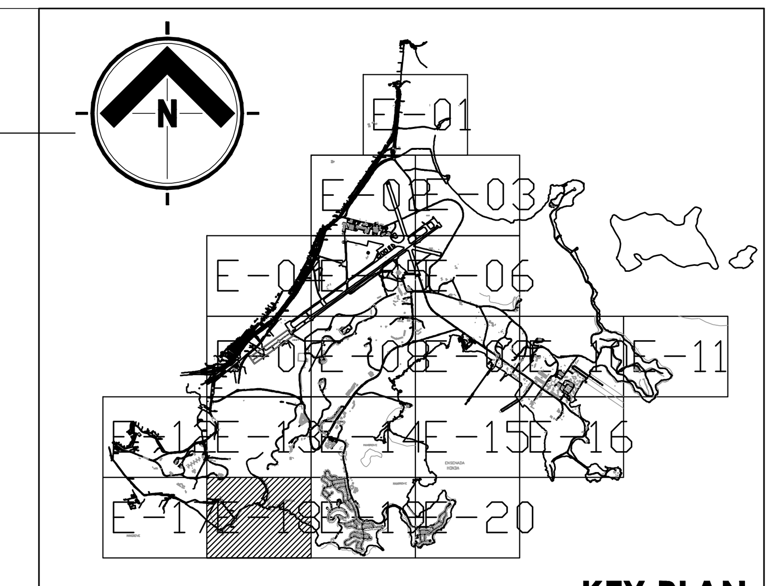

EXISTING CONDITIONS
SECTOR E-18 PARTIAL ELECTRICAL SITE PLAN
SCALE: 1:3,000

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GOVERNMENT OF PUERTO RICO
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EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT
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SECTOR E-18 PARTIAL ELECTRICAL SITE PLAN

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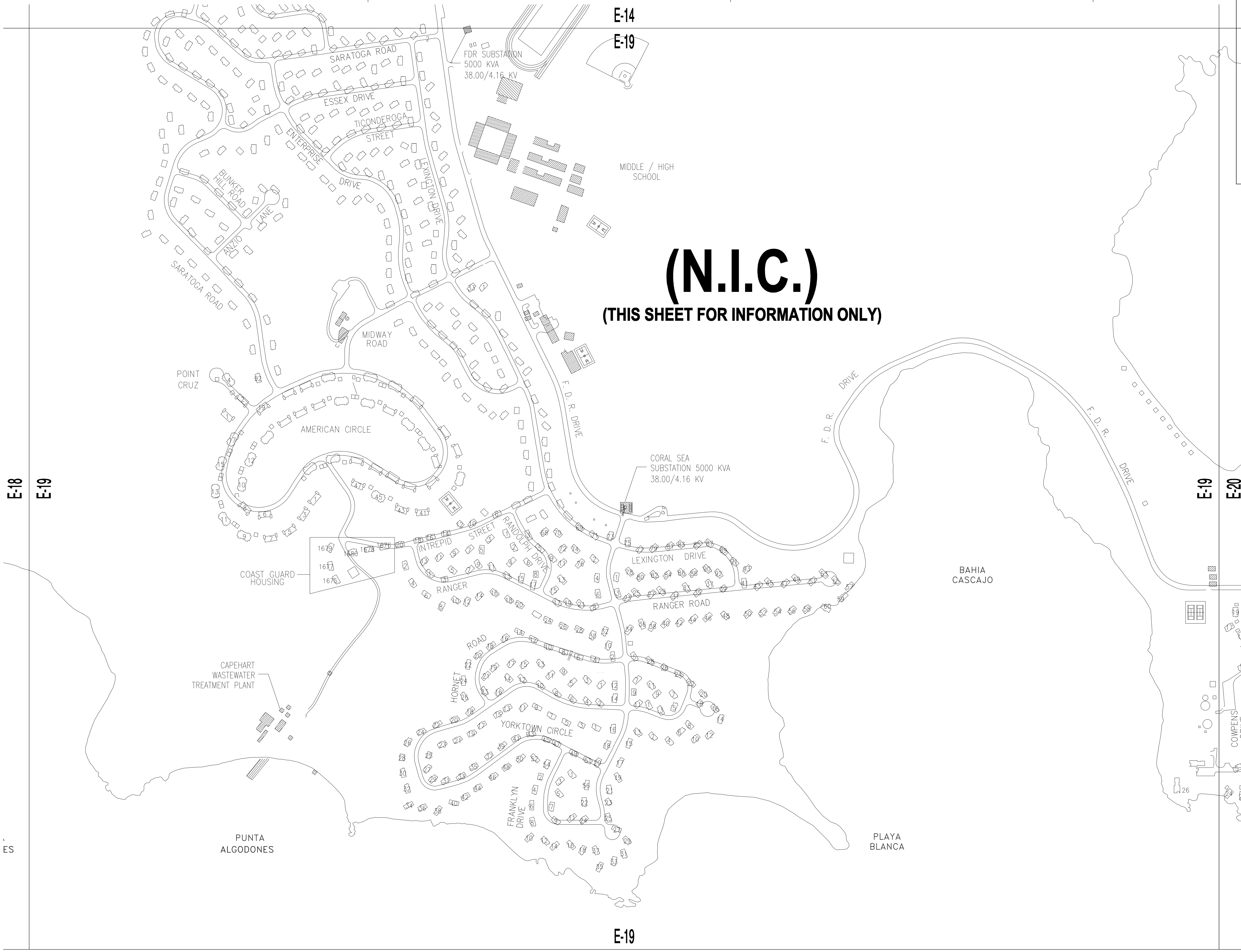

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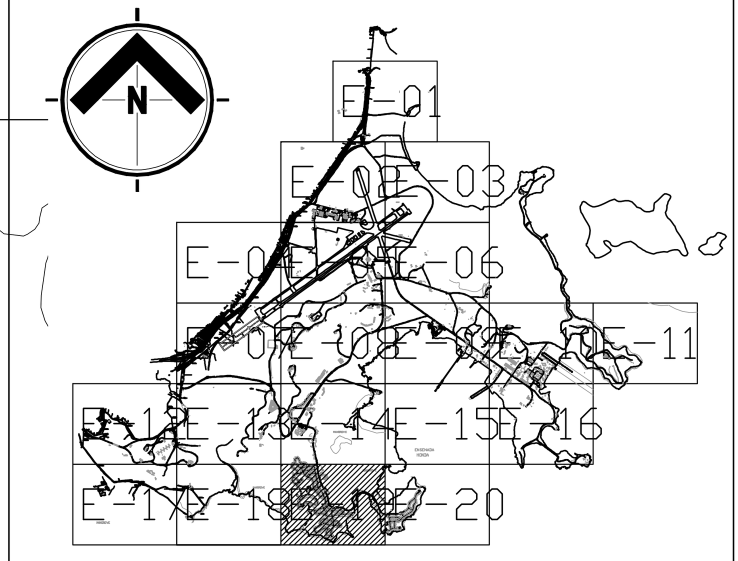

KEY PLAN

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EXISTING CONDITIONS

SECTOR E-19 PARTIAL ELECTRICAL SITE PLAN

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GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority for Roosevelt Roads

Project Title:

EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT

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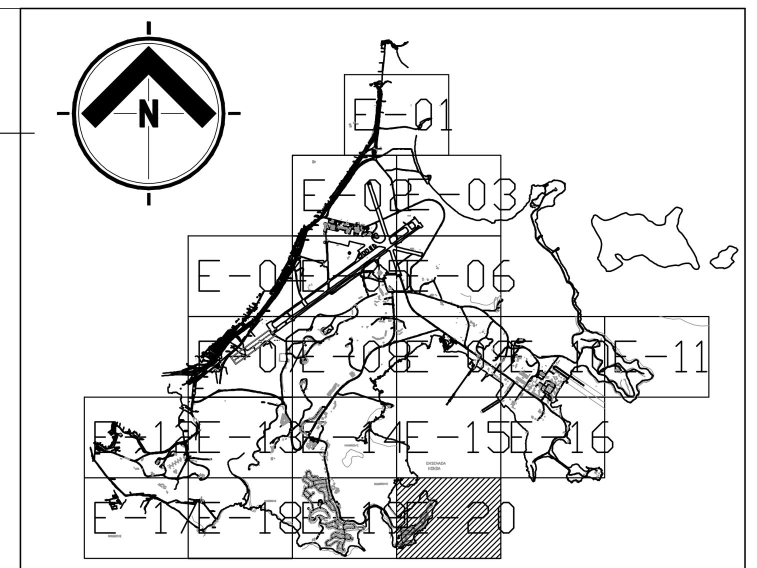

KEY PLAN
N.T.S.

EXISTING CONDITIONS
SECTOR E-20 PARTIAL ELECTRICAL SITE PLAN
SCALE: 1:3,000

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Number | Date | Description

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Drawing Title:
SECTOR E-20 PARTIAL ELECTRICAL SITE PLAN

Sheet:
E-20

Pole Number	Existing Height & Class	Material	Condition	Job Description	New 65' Class 2 Wood Pole	New 45' Class 2 Wood Pole	New 65' Class H6 Concrete Pole	Standard TM2-1	Standard M2-1	Standard 39 PM 6	Standard 39 PM 8	Standard 38 PM 10	Standard 38-PC 6	Standard TE 1 2 3	Standard AC C1	Standard AC C4	Standard AC C6	Standard AC C8	Standard AC C7	Standard AC C9	Standard CP C6	Standard T 2	Standard T 3	Standard E1 2 3	Standard E2 1	Standard < 6	Standard < 8	Standard T-13	Standard TM-16-1,2,3 & 4	Standard URD-3,4 & 5	Standard URD-5A,4 & 6
63	40'	Wood	Out of Service	Nothing																											
64	40'	Wood	Out of Service	Nothing																											
64A	35'	Wood	Out of Service	Nothing																											
65	40'	Wood	Out of Service	Nothing																											
65A	40'	Wood	Out of Service	Nothing																											
66	40'	Wood	Out of Service	Nothing																											
66A	40'	Wood	Out of Service	Nothing																											
67	40'	Wood	Out of Service	Nothing																											
67A	40'	Wood	Out of Service	Nothing																											
212	65' H6	Concrete	Good	New ground connection																											
212A	60'-H6	Concrete	Good	Replace anchored standard, re-install conductors and new ground									1																		
213	60' H6	Concrete	Good	New ground connection				1																							
213A	60'-H6	Concrete	Good	New ground connection																											
214	65-1	Wood	Good	New ground connection				1																							
214A	65-1	Wood	Out of Service	Nothing																											
215	65-2	Wood	Good	New ground connection, connect overhead ground				1																							
215A	40'	Wood	Out of Service	Nothing																											
216	65-2	Wood	Good	New ground connection				1																							
216A	45-3	Wood	Out of Service	Nothing																											
216B	50-3	Wood	Out of Service	Nothing																											
217	65-2	Wood	Good	New ground connection																											
217A	40'	Wood	Out of Service	Nothing																											
217B	45-3	Wood	Out of Service	Nothing																											
218	65-2	Wood	Good	New ground connection				1																							
218A	45'	Wood	Out of Service	Nothing																											
218B	65-3	Wood	Out of Service	Nothing																											
219	65-1	Wood	Good	New ground connection connect overhead ground				1																							
219A	45-1	Wood	Out of Service	Nothing																											
220	70'-1	Wood	Good	New ground connection, connect overhead ground				1																							
220A	45'	Wood	Out of Service	Nothing																											
221	65-2	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1																				
221A	45'	Wood	Out of Service	Nothing																											
222A	45'	Wood	Out of Service	Nothing																											
222B	45-3	Wood	Out of Service	Nothing																											
223	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1																				
223A	50'	Wood	Out of Service	Nothing																											
224A	65-3	Wood	Out of Service	Nothing																											
225	50'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1			3																	
225A	50'	Wood	Out of Service	Nothing																											
226	65-2	Wood	Inclined	Repair load break, re-intal overhead conductors, new ground connection				1																							
226A	55-2	Wood	Out of Service	Nothing																											
227	65-2	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1			2																	
228	60'-2	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1																				
229	65-1	Wood	Good	Re-install conductors and new ground connection				1																							
229A	60'	Wood	Out of Service	Nothing																											
230	65-3	Wood	Good	Re-install conductors and new ground connection				1																							
230A	65-3	Wood	Out of Service	Nothing																											
231	65-3	Wood	Good	Re-install conductors and new ground connection				1																							
232	65-3	Wood	Good	Re-install conductors and new ground connection				1																							
233	60'	Wood	Good	Re-install conductors and new ground connection				1																							
234	60'	Wood	Good	New ground connection				1																							
235	60'	Wood	Good	Re-install conductors and new ground connection				1																							
236	65-3	Wood	Good	New ground connection				1																							
237	50'-H4	Concrete	Good	New ground connection, connect overhead ground				1																							
238	50'-H4	Concrete	Good	New ground connection, connect overhead ground				1																							
239	65-3	Wood	Inclined	Replace wood standards with insulators standards and re-install conductors				1			1																				
240	65-3	Wood	Good	New ground connection				1																							
240A	40'	Wood	Good	Stub pole, Re-install down guy																											
241	65-3	Wood	Inclined	Replace wood standards with insulators standards and re-install conductors				1			1																				
242	65-3	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1			1																				
243	55-1	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1		1																					
244	55-1	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1			1			5																	
245	55-1	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1																					
246	55-1	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1																					
247	65-1	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1																					
248	55-1	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1			5																	
249	65-1	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1		1																					
250	55-1	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1																					
251	55-1	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1																					
252	55-1	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1			1																				
253	55-1	Wood	Good	Replace pole, new anchored standard and re-install conductors				1		1																					
254	65-1	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1																				
255	55-1	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1		1																					
256	55-1	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1																					
257	55-1	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1		1																					
258	65-2	Wood	Good	Replace wood standards with insulators standards, re-install conductors, level and compact base				1		1																					
259	65-2	Wood	Good	Replace wood standards with insulators standards, re-install conductors, level and compact base				1		1																					
260	55-2	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1			1			5																	
261	55-2	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1																				
262	55-2	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1																				
263	65-2	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1																				
264	55-1	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1																					
265	55-1	Wood	Good	Re-install conductors and new ground connection				1																							
265A	40'	Wood	Inclined	Level and compact base																											
266	65-3	Wood	Good	Replace standard, re-install conductors and new ground connection				1			1																				
267	65-2	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1																					
268	65-2	Wood	Broken	Replace pole, new anchored standard, re-install conductors and riser for WHIP			1	1			1																				1
1323	50'-H4	Concrete	Good	New ground connection				1																							
1300	40'	Wood	Out of Service	Nothing																											
1301	40'	Wood	Out of Service	Nothing																											
1302	40'	Wood	Out of Service	Nothing																											
1303	40'	Wood	Out of Service	Nothing																											
1304	40'	Wood	Out of Service	Nothing																											
1305	40'	Wood	Out of Service	Nothing																											
1306	55-1	Wood	Out of Service	Out of service, disconnect																											
1307	60'	Wood	Out of Service	Out of service, disconnect																											
1299	60'	Wood	Out of Service	Out of service, disconnect																											
1298	65-1	Wood	Good	Re-install conductors and new ground connection, install new down guy				1						1																	
1297	45'	Wood	Out of Service	Remove																											
1325	50'-H6	Concrete	Good	New ground connection and compact base				1																							
1326	40'	Wood	Out of Service	Nothing																											
1296	60'	Wood	Good	Re-install conductors and new ground connection				1																							
1295	45-3	Steel	Good	New ground connection				1																							
1294	60'	Wood	Good	New ground connection				1																							
1293	55-1	Wood	Good	New ground connection				1																							
1327	40'	Wood	Good	New ground connection				1																							
1328	40'	Wood	Inclined	Level poe, compact base and new ground connection				1																							
1291	55'	Wood	Broken	Level poe, compact base and new ground connection	1			1		1																					
1290	65-2	Wood	Good	New ground connection				1																							
1289	65-2	Wood	Inclined	Repair load break, re-intal overhead conductors, new ground connection and level pole				1																							
1289A	65'	Wood	Good	Disconnect 38 KV riser, re-intal overhead conductors and new ground connection				1																							
1288	60'	Wood	Inclined	Level poe, compact base and new ground connection				1																							
1359	65-1	Wood	Good	Repair 3W GOAB break mechanism, re-intall overhead conductors and new ground connection				1																							
1287	65'	Wood	Good	Re-install conductors and new ground connection				1																							
1286	65-2	Wood	Good	New ground connection, connect overhead ground				1																							
1320	40'	Wood	Inclined	Level poe, compact base and new ground connection				1																							
1324	40'	Wood	Inclined	Level poe, compact base and new ground connection				1																							
1359	65-2	Wood	Out of Service	Nothing																											
1360	60'	Wood	Out of Service	Nothing																											
1361	65-2	Wood	Out of Service	Nothing																											
1362	60'	Wood	Out of Service	Nothing																											
1330	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1										1													
1285	60'	Wood	Good	New ground connection, connect overhead ground				1																							
1284	75-2	Wood	Good	New ground connection				1																							
1283	60'	Wood	Good	New ground connection, connect overhead ground				1																							
1331	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1							1																
1335	40'	Wood	Out of Service	Out of service, disconnect				1										1	1												
1334	40'	Wood	Broken	Replace pole, new anchored standard and re-install conductors		1		1									1	1						2							
1333	40'	Wood	Out of Service	Nothing																											
1332	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1										1													
1282	65-1	Wood	Good	New ground connection, connect overhead ground and down guys				1																							
1281	60'	Wood	Inclined	Level poe, compact base and new ground connection				1																							
1280	60'	Wood	Good	New ground connection, connect overhead ground				1																							
1297A & D	65-2	Wood	Good	New ground connection, connect overhead ground and new insulators				1																							
1336	40'	Wood	Out of Service	Out of service, disconnect				1										1	1					1							
1337	40'	Wood	Out of Service	Out of service, disconnect				1										1													
1338	50'	Wood	Broken	Replace pole, new anchored standard and re-install conductors		1		1										1						2							
1339	45'-H4	Concrete	Good	New ground connection, connect overhead ground and down guys				1																							
1340	45'-H4	Concrete	Out of Service	Nothing																											
1341	45'H4	Concrete	Out of Service	Nothing																											
1342	40'	Wood	Out of Service	Nothing																											
1343	45'-H4	Wood	Inclined	Level poe, compact base and new ground connection				1																							
1344	50'-H4	Concrete	Inclined	Level poe, compact base and new ground connection				1																							
1345	45-3	Steel	Good	New ground connection																											
1346	45'	Wood	Good	New ground connection																											
1347	50'	Wood	Good	New ground connection and connect overhead conductors																											
1348	50'	Wood	Good	New ground connection																											
1348A	40'	Wood	Good	Nothing																											
1349	50'	Wood	Good	New ground connection																											
1350	50'	Wood	Good	New ground connection																											
1350A	40'	Wood	Good	Nothing																											
1350B	40'	Wood	Good	Nothing																											
1351	50'-H4	Concrete	Good	New ground connection																											
1352	45'	Wood	Good	New ground connection and connect overhead conductors																											
1353	50'	Wood	Good	New ground connection and connect overhead conductors																											
1354	50'	Wood	Broken	Replace pole, new anchored standard and re-install conductors		1										1								2							
1355	45'	Wood	Good	New ground connection and connect overhead conductors																											

1 JUNE 4, 2018 GENERAL REVISION

Integra Design Group
DATE
MAY 17, 2018
CONSTRUCTION DRAWINGS

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Number | Date | Description

GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority for Roosevelt Roads

Project Title:
EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT
CEIBA & NAGUABO, PUERTO RICO
Client:
Owner:

Drawing Title:
POLE CONSTRUCTION STANDARD TABLE, SECTION 1

Sheet:
E-21

1356	45'	Concrete	Good	New ground connection					1																						
1240	65'	Wood	Broken	Replace pole, new anchored standard, re-install conductors and transformer	1			1			1							1				1		2							
1239	65'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
1238	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
1237	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
1236	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1							1												1	
1235	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
1234	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
1233	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
1232	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1							1												1	
1231	60'	Concrete	Broken	Replace pole, new anchored standard and re-install conductors			1	1				1				1								4							
1230	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
1229	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
1228	50'-H4	Concrete	Good	New ground connection				1																							
1227	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
1226	55'-2	Wood	Good	New ground connection and connect overhead conductors				1																							
1225	65'-2	Wood	Good	New ground connection, remove 38 KV overhead tap connection				1																							
1225A	60'	Wood	Out of Service	Nothing																											
1224	65'-2	Wood	Good	New ground connection, remove 13 KV overhead tap connection				1																							1
1224A	40'	Wood	Out of Service	Nothing																											
1223A	45'-H4	Concrete	Out of Service	Nothing																											
1223	65'-2	Wood	Good	New ground connection, remove 13 KV overhead tap connection				1																							
1222	65'-2	Wood	Good	New ground connection, remove 13 KV overhead tap connection				1																							
1222A	50'	Wood	Out of Service	Nothing																											
1221	65'	Wood	Good	New ground connection				1																							
1220	65'-2	Wood	Broken	Replace pole, new anchored standard and re-install conductors, remove 13 KV tap connection	1			1			1							1						1							
1220A	40'	Wood	Out of Service	Nothing																											
1219	60'	Wood	Inclined	Level pole, compact base and new ground connection				1																							
1218	55'-2	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1				1				1								4							
1217	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
1216	55'-2	Wood	Broken	Replace pole, new anchored standard and re-install conductors, remove 13 KV tap connection	1			1		1										1											
1216A	40'	Wood	Out of Service	Nothing																											
1216B	40'	Wood	Out of Service	Nothing																											
1215	60'-H6	Concrete	Inclined	Level pole, compact base, new ground connection, re-install conductors and re-construct 13 KV riser				1																							1
1214	60'	Wood	Good	Re-install conductors and new ground connection				1																							
480	60'	Wood	Good	New ground connection and connect overhead ground				1																							
481	60'	Wood	Good	New ground connection and connect overhead ground				1																							
482	60'	Wood	Good	New ground connection and connect overhead ground				1																							
483	60'	Wood	Good	New ground connection and connect overhead ground				1																							
484	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1				1				1								2							
485	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1				1				1								2							
485A	50'-H4	Concrete	Inclined	Level pole, compact base, new ground connection and re-construct 13 KV riser				1																1							1
486	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1							1							1						
486A	40'	Wood	Good	Nothing																											
487	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
488	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
489	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
489A	Not exist	Not exist	Not exist	Install pole, new standard and install conductors	1			1		1										1											
490	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1							1													
491	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
492	55'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors and level				1		1										1											
493	60'-2	Wood	Inclined	Replace wood standards with insulators standards and re-install conductors				1										1													
494	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1							1													
495	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1												1											
496	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1							1													
497	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1										1											
498	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1								1													
499	60'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors and level				1		1								1													
500	60'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and install load break				1			1							1	1												
501	60'	Wood	Good	New ground connection and connect overhead ground				1																							
502	45'-3	Wood	Good	New ground connection and connect overhead conductors				1										1													
503A & B	40'	Wood	Good	New ground connection and connect overhead conductors				1																							
504	35'	Wood	Good	Nothing																											
505	45'-H4	Concrete	Out of Service	New ground connection				1																							
506	35'	Wood	Good	Nothing																											
507	35'	Wood	Good	Nothing																											
508	35'	Wood	Good	Nothing																											
509	35'	Wood	Good	Nothing																											
510	45'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1										1													
511	45'-H4	Concrete	Out of Service	Nothing																											
512	45'-H4	Concrete	Out of Service	Nothing																											
513	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1																				
514	60'-3	Wood	Good	New ground connection and remove out of services standards				1																							
515	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1										1													
515A	40'	Wood	Broken	Nothing																											
516	60'-3	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1									1	1													
516A	40'	Wood	Good	New ground connection and repair load break				1																							
517	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1												1											
518	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1												1											
519	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1								1															
520	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1								1															
520A	40'	Wood	Good	Nothing																											
521	60'-2	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1												1											
522	60'-2	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1												1											
523	60'-2	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1												1											
524	60'-3	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1										1													
525	60'-3	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors and level				1												1											
526	60'-3	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors and level				1												1											
527	60'-3	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors and level				1												1											
528	60'-3	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors and level				1										1													
529	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1							1													
530	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
531	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1												1											
532	60'-3	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors and level				1												1											
533	60'-3	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1							1													
534	60'-3	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1										1													
534A	40'	Wood	Good	Nothing																											
742	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1										1													
743	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1												1											
744	60'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors and level				1										1													
745	60'-H6	Concrete	Inclined	Level pole, compact base, connect overhead conductors and new ground connection				1																							
746	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1							1													
747	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
748	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1				1				1								4							
749	60'-2	Wood	Inclined	Level pole, compact base, connect overhead conductors and new ground connection				1			1																				
750	40'	Wood	Broken	Replace pole, new anchored standard and re-install conductors		1		1								1			1					2							
751	40'	Wood	Out of Service	Nothing																											
752	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1							1													
753	55'	Wood	Inclined	Level pole, compact base, replace pole standards and new ground connection				1		1										1											
754	60'	Wood	Good	New ground connection and connect overhead ground				1																							
755	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1																					
756	60'	Wood	Inclined	Level pole, compact base and new ground connection				1																							
757	60'	Wood	Inclined	Level pole, compact base and new ground connection				1																							
758	60'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors and level				1												1											
759	60'	Wood	Good	New ground connection and connect overhead ground				1																							
760	55'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and repair load break				1			1							1													
761	60'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors and level				1								1															
761A	40'	Wood	Good	Re-install down guy																											
761B	40'	Wood	Good	Re-install down guy																											
762	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
763	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
764	60'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1												1											
765	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1							1													
766	50'-H4	Concrete	Inclined	Level pole, compact base and new ground connection				1																							
767	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
768	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1										1													
769	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
770	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1										1											
771	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1							1													
771A	40'	Wood	Good	Nothing																											
772 A&B	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1			2				1													
773	50'-3	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1			2				1													
774	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1							1													
775	40'	Wood	Out of Service	Out of service, disconnect																											
776	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1										1											
777	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1										1											
778	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1										1											
779	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1							1				1									
780	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1							1													
780A	40'	Wood	Good	Nothing																											
781	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1								1	1												
782	40'	Wood	Out of Service	Out of service, disconnect														1													
783	40'	Wood	Out of Service	Nothing																											
784	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1								1													
785	60'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and primary riser				1			1							1													1
785A	40'	Wood	Good	Nothing																											
786	60'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and capacitor				1		1										1								1			
787	55'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and transformers				1		1										1			1			1					
788	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1							1								1					
789	60'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and primary riser				1			1							1												1	
789A	40'	Wood	Good	Nothing																											
790	45'	Wood	Good	New ground connection and connect overhead conductors				1																							
791	45'	Wood	Good	Replace wood standards with insulators standards, re-install conductors, level and repair load break				1																							
792	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1						1	1													
793	55'	Wood	Broken	Replace pole, new anchored standard, re-install conductors and repair riser	1			1			1							1	1											1	
794	60'	Wood	Broken	Replace pole, new anchored standard, re-install conductors and repair riser	1			1		1		1				1															1
794A	45'	Wood	Broken	Replace pole, new anchored standard and re-install conductors		1																			1						
795	55'	Wood	Broken	Replace pole, new anchored standard, re-install conductors and capacitors	1			1			1							1										1			
796	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1				1						1	1												
797	60'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1			1							1													
798	60'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1									1	1													

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▶ MAY 17, 2018 ◀
CONSTRUCTION DRAWINGS

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Revisions
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GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority for Roosevelt Roads

Project Title:
EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT
CEIBA & NAGUABO, PUERTO RICO

Drawing Title:
POLE CONSTRUCTION STANDARD TABLE, SECTION 2

Sheet:
E-22

799	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
800	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1			1						1														
800A	60'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
801	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													
802	40'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and transformers					1							1							1								
803	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1								1														
804	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													
805	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
806	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
807	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
808	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													
809	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
809A	35'	Wood	Good	Nothing																											
810	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1										1	1											
811	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
812	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1								1	1													
812A	50'-H4	Concrete	Good	Nothing																											
812B	50'-H4	Concrete	Good	Nothing																											
813	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
814	40'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and riser					1									1				1									
815	40'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and riser					1								1														1
816	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1	1												
817	40'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and capacitors					1											1								1			
818	40'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and riser					1											1											1
819	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
820	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													
821	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
821A	45'	Concrete	Good	Nothing																											
822	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors														1													
823	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
824	40'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and capacitors					1											1								1			
825	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1							1															
826	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
827	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1							1															
828	40'	Wood	Broken	Replace pole, new anchored standard and re-install conductors		1			1											1											
829	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
830	40'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level, riser and compact base					1									1													1
831	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1	1												
832	40'-H4	Concrete	Good	New ground connection					1																						
833	40'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and riser					1								1														1
834	40'-H4	Concrete	Good	New ground connection					1																						
835	40'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and transformer					1								1					1				1					
836	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1																		1				
837	40'	Wood	Broken	Replace pole, new anchored standard and re-install conductors		1			1																		1				
838	40'	Wood	Good	New ground connection and connect overhead conductors					1																		1				
839	40'	Wood	Good	New ground connection and connect overhead conductors					1																		1				
840	40'	Wood	Good	New ground connection and connect overhead conductors					1																		1				
841	40'	Wood	Good	New ground connection and connect overhead conductors					1																		1				
842	40'	Wood	Good	New ground connection and connect overhead conductors					1																	1					
850	45'	Wood	Broken	Replace pole, new anchored standard and re-install conductors		1			1									2													
851	60'	Wood	Good	New ground connection, repair standards and connect overhead conductors				1			1																				
852	60'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and repair riser				1			1							1													1
853	60'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and repair riser				1		1										1											1
854	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1										1											
855	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1										1											
856	55'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and repair riser				1			1							1													1
857	55'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, level and compact base				1			1							1													
858	60'	Wood	Good	Repair two way GOAB				1																							
859	55'	Wood	Good	New ground connection and connect overhead conductors				1									1	1													
860	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1										1											
861	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1		1									
862	55'	Wood	Broken	Replace pole, new anchored standard and re-install conductors	1			1		1										1											
863	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1			1							1													
864	55'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1										1											
865	60'	Wood	Good	Replace wood standards with insulators standards and re-install conductors				1		1										1											
866	60'	Wood	Good	New ground connection and connect overhead conductors				1			1							1													
867	60'	Wood	Good	New ground connection and connect overhead conductors				1			1																				
868	45'	Wood	Inclined	Replace wood standards with insulators standards, re-install conductors, transformers and level pole					1								1						1								
869	45'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1							1															
870	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1								1	1													
871	40'	Wood	Good	Replace wood standards with insulators standards, re-install conductors, level and repair load break					1									1													
872	40'	Wood	Broken	Replace pole, new anchored standard and re-install conductors		1			1											1											
872A	40'	Wood	Good	Install new standard and re-install conductors.					1						1																
872B	40'	Wood	Broken	Replace pole, new anchored standard, re-install conductors and install riser.		1			1								1							1							1
873	40'	Wood	Broken	Replace pole, new anchored standard and re-install conductors		1			1											1											
874	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													
875	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
876	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1								1	1													
876A	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													1
877	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
878	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1	1												
879	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
880	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
881	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
882	45'-H4	Concrete	Good	New ground connection and connect overhead conductors					1																						
883	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													
884	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													
885	45'	Wood	Inclined	Re-install conductors, level pole and compact base					1																						
886	50'-H4	Concrete	Good	New ground connection					1																						
887	50'-H4	Concrete	Inclined	Level pole, compact base and new ground connection					1																						
888	50'-H4	Concrete	Good	New ground connection					1																						
889	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													
890	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1							1															
891	50'-H4	Concrete	Good	New ground connection					1																						
900	40'	Wood	Broken	Replace pole, new anchored standard re-install conductors and repair riser		1			1									1													1
901	40'	Wood	Broken	Replace pole, new anchored standard re-install conductors and repair riser		1			1											1											1
902	40'	Wood	Broken	Replace pole, new anchored standard re-install conductors and repair riser					1											1											
903	40'	Wood	Broken	Replace pole, new anchored standard and re-install conductors		1			1											1											
904	40'	Wood	Broken	Replace pole, new anchored standard re-install conductors and repair riser		1			1								1							1						1	
905	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													
906	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
907	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1		1									
908	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													1
909	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
910	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
911	40'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and transformers					1									1					1								
912	50'-H4	Concrete	Good	New ground connection					1																						
913	45'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													
914	45'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
915	45'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
916	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1							1	1														
917	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1											1											
918	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1								1	1													
918A	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1								1														
919	40'	Steel	Good	New ground connection					1																						
920	50'	Wood	Good	New ground connection					1																						
921	40'-C3	Steel	Good	New ground connection					1																						
922	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1													
923	40'	Wood	Good	Replace wood standards with insulators standards, re-install conductors and transformers					1									1					1								
924	40'	Wood	Good	Repair three phases 13.2 KV GOAB					1																						
P1094A	45'-H4	Concrete	Good	New ground connection					1																						
910A	40'	Steel	Good	New ground connection					1																						
911A	40'	Wood	Inclined	Replace wood standards with insulators standards and re-install conductors					1						1											1					
912A	40'	Wood	Inclined	Replace wood standards with insulators standards and re-install conductors					1						1												1				
913A	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1								1	1				
914A	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1						1																
915A	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1						1																
916A	40'	Wood	Inclined	Replace wood standards with insulators standards and re-install conductors					1						1																
917A	40'	Wood	Inclined	Replace wood standards with insulators standards and re-install conductors					1									1													
918AA	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1						1																
919A	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1						1																
920A	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1						1																
921A	40'	Wood	Broken	Replace wood standards with insulators standards and re-install conductors		1			1									1													
922A	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1						1							1				1					
923A	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1						1												1				
924A	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1							1											1				
925	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1									1								1					
926	40'	Wood	Good	Replace wood standards with insulators standards and re-install conductors					1						1																
927	40'	Wood	Broken	Replace wood standards with insulators standards and re-install conductors		1			1									1													
928	40'	Wood	Broken	Replace wood standards with insulators standards and re-install conductors		1			1									1													
				TOTALS	59	18	2	240	126	63	56	7	1	25	13	18	19	94	11	88	1	7	5	31	2	8	10	4	1	5	18

Integra Design Group
DATE
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CONSTRUCTION DRAWINGS

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EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT
CEIBA & NAGUABO, PUERTO RICO
Client:
Owner:

Drawing Title:
POLE CONSTRUCTION STANDARD TABLE, SECTION 3

Sheet:
E-23

LEGEND:

- EXISTING CREOSOTED WOOD TRANSMISSION POLE TO REMAIN. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING OUT OF SERVICEC CREOSOTED WOOD TRANSMISSION POLE.
- EXISTING CREOSOTED WOOD BROKEN OR IN FLOOR TRANSMISSION POLE TO BE REPLACED WITH NEW ONE. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING CREOSOTED WOOD INCLINED TRANSMISSION POLE TO BE ALIGNED AND BASE COMPACTED. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- NEW CREOSOTED WOOD TRANSMISSION POLE REFERS TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING CONCRETE TRANSMISSION POLE TO REMAIN. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING CONCRETE BROKEN OR IN FLOOR TRANSMISSION POLE TO BE REPLACED WITH NEW ONE. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING CONCRETE INCLINED TRANSMISSION POLE TO BE ALIGNED AND BASE COMPACTED. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING CREOSOTED WOOD PRIMARY POLE TO REMAIN. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING OUT OF SERVICE CREOSOTED WOOD PRIMARY POLE.
- EXISTING CREOSOTED WOOD BROKEN OR ON FLOOR PRIMARY POLE TO BE REPLACED WITH NEW ONE. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING INCLINED CREOSOTED WOOD PRIMARY POLE TO BE ALIGNED AND BASE COMPACTED. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING CONCRETE PRIMARY POLE TO REMAIN. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING CONCRETE PRIMARY BROKEN OR ON FLOOR POLE TO BE REPLACED WITH NEW ONE. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING CONCRETE PRIMARY INCLINED POLE TO BE ALIGNED AND BASE COMPACTED. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING GALVANIZED STEEL PRIMARY POLE TO REMAIN. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- 38 — EXISTING OVERHEAD 38 KV TRANSMISSION LINE, 3 PHASES, 4 WIRES TO REMAIN.
- 38A — EXISTING OVERHEAD 38 KV TRANSMISSION LINE AFFECTED OR PARTIALLY AFFECTED, 3 PHASES, 4 WIRES WITH ONE OR FEW CONDUCTORS ON FLOOR. CONSIDERS RE-INSTALL THE FALLEN CONDUCTORS.
- 38G — EXISTING OVERHEAD 38 KV TRANSMISSION LINE ON GROUND, 3 PHASES, 4 WIRES WITH ALL CONDUCTORS ON GROUND, REMOVED OR DAMAGED. CONSIDERS INSTALL NEW OVERHEAD LINE CONSISTING OF 3 # 4/0 AWG ACAR AND 1 # 1/0 AWG ACAR CONDUCTORS.
- 38O — EXISTING OVERHEAD 38 KV OUT OF SERVICE LINE TO BE REMOVED.
- 38R — EXISTING OVERHEAD 38 KV TRANSMISSION LINE TO BE REPLACED WITH NEW OVERHEAD 38 KV TRANSMISSION LINE CONSISTING OF 3 # 4/0 AWG AND 1 # 1/0 AWG ACAR CONDUCTORS.
- 13 — EXISTING OVERHEAD 13.2 KV PRIMARY LINE, 3 PHASES, 3 WIRES TO REMAIN AND TO BE UP-GRADED TO FOUR CONDUCTORS. CONSIDERS ADD THE FOURTH GROUND CONDUCTOR TO ALL 13.2 KV OVERHEAD FEEDERS.
- 13A — EXISTING OVERHEAD 13.2 KV PRIMARY LINE AFFECTED OR PARTIALLY AFFECTED, 3 PHASES, 3 WIRES WITH ONE OR FEW CONDUCTORS ON FLOOR. CONSIDERS RE-INSTALL THE FALLEN CONDUCTORS AND ADD THE FOURTH GROUND CONDUCTOR TO ALL 13.2 KV OVERHEAD FEEDERS.
- 13G — EXISTING OVERHEAD 13.2 KV PRIMARY LINE ON GROUND, 3 PHASES, 3 WIRES WITH ALL CONDUCTORS ON GROUND, REMOVED OR DAMAGED. CONSIDERS INSTALL NEW OVERHEAD LINE CONSISTING OF 4 # 4/0 AWG ACAR CONDUCTORS.
- 13R — EXISTING OVERHEAD 13.2 KV PRIMARY LINE TO BE REMOVED.
- 13R — NEW OVERHEAD 13.2 KV PRIMARY LINE CONSISTING OF 4 # 4/0 AWG AWG ACAR CONDUCTORS.
- 13U — EXISTING UNDERGROUND PRIMARY FEEDER TO REMAIN OR TO BE REPLACED WITH NEW ONE AS DESCRIBED ON RISER CONNECTIONS SCHEDULE.
- EXISTING CREOSOTED WOOD TRANSMISSION TYPE REPAIRED. REFER TO CONSTRUCTION STANDARDS TABLE FOR WORK ON POLE DESCRIPTION.
- EXISTING 38 KV THREE WAY LOAD BREAK WITH GANG OPERATED MECHANISM TO REMAIN.
- EXISTING 38 KV ONE WAY LOAD BREAK WITH GANG OPERATED MECHANISM TO REMAIN.
- EXISTING PRIMARY RISER CONNECTION TO REMAIN OR RE-INSTALLED, IN THE CASE THAT THE POLE IS REPLACED.
- EXISTING PRIMARY LOAD BREAK WITH GANG OPERATED MECHANISM TO REMAIN.
- T — EXISTING OVERHEAD TELECOMMUNICATIONS CONDUCTORDS, SYMBOL REPRESENT PRESENCE OF TELECOMMUNICTIONS OVERHEAD CONDUCTORS INCLUDING TELEPHONE, CABLE TV, OPTIC FIBER, ANTENNA, CONTROLS, ETC. SYMBOLS NOT IDENTIFY QUANTITY OF CONDUCTORS OR CONDITION.
- S — EXISTING OVERHEAD SECONDARY LINE TO REMAIN.
- SG — EXISTING OVERHEAD SECONDARY LINE ON GROUND, REMOVED OR DAMAGED. CONSIDERS INSTALL NEW OVERHEAD TRIPLEX TYPE LINE #4 AWG AL CONDUCTORS.
- SA — EXISTING OVERHEAD SECONDARY LINE AFFECTED OR PARTIALLY AFFECTED, TRIPLEX TYPE, CONSIDERS RE-INSTALL THE FALLEN CONDUCTORS.
- C — EXISTING CAPACITOR BANK TO REMAIN OR RE-INSTALLED IN THE CASE THAT THE POLE IS REPLACED.
- G — EXISTING OVERHEAD GUY WIRE FOR STUB POLE TO REMAIN.
- EXISTING POLE MOUNTED DISTRIBUTION TRANSFORMER TO BE REMOVED OR REMAIN OUT OF SERVICE.
- EXISTING POLE MOUNTED SUBSTATION TO BE REMOVED OR REMAIN OUT OF SERVICE.
- EXISTING POLE MOUNTED DISTRIBUTION TRANSFORMER TO REMAIN OR NEW ONE TO BE PROVIDED AS INDICATED ON DRAWINGS.
- EXISTING POLE MOUNTED SUBSTATION TO REMAIN OR NEW ONE TO BE PROVIDED AS INDICATED ON DRAWINGS.
- NEW TRANSMISSION LINE DOWN GUY AS PER CONSTRUCTION STANDARDS TABLE ON DRAWINGS E-21, 22 & 23.
- EXISTING PAD MOUNTED TRANSFORMER TO REMAIN.
- EXISTING PRIMARY SWITCH TO REMAIN.
- EXISTING POLE MOUNTED LUMINARIE TO REMAIN.

GENERAL NOTES:

1. ALL WORK ON EXISTING ENERGIZED HIGH VOLTAGE LINES SHALL BE DONE BY P.R.E.P.A. AT CONTRACTOR EXPENSE.
2. ALL CONSTRUCTION WORK SHALL BE DONE IN A THOROUGH AND WORKMANLIKE MANNER IN ACCORDANCE WITH THE PLANS, SPECS AND CONSTRUCTION DRAWINGS. THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE SHALL BE FOLLOWED EXCEPT WHERE LOCAL REGULATIONS ARE MORE STRINGENT, IN THIS CASE LOCAL REGULATIONS SHALL GOVERN.
3. COORDINATE POINT OF CONNECTION AT P.R.E.P.A. LOCAL OFFICE BEFORE CONSTRUCTION BEGINS.
4. WATER AND SEWAGE PIPE LINE SHALL NOT BE PLACED UNDER OR PASS THROUGH OR ABOVE THE SUBSTATION.
5. ALL EQUIPMENT SHALL BE CONSTRUCTED ACCORDING TO A.N.S.I., N.E.M.A. AND P.R.E.P.A. STANDARDS.
6. INSTALL APPROVED PREFABRICATED STRESS RELIEF CONES AT ALL PRIMARY CABLE TERMINATIONS.
7. CONTRACTOR SHALL SUPPLY ONE SPARE FUSE FOR EACH PRIMARY FUSE HOLDER.
8. BLADE OR FUSE RUNS SHALL ALWAYS CLEAR METAL PARTS BY AT LEAST SIX (6) INCHES.
9. OPEN BLADE OR FUSE OF PRIMARY SWITCH SHALL BE DE-ENERGIZED.
10. UP TO ONE MILE FROM SEA SHORE, ALL EQUIPMENT SHALL BE STAINLESS STEEL OR GALVANIZED STEEL WITH HEAVY DUTY FENDIX.
11. CONTRACTOR SHALL COORDINATE ELECTRICAL CROSSING UNDER HIGHWAYS WITH THE PUBLIC WORKS DEPARTMENT.
12. METER BANKS SHALL BE ACCESSIBLE TO P.R.E.P.A. METER READERS ALL TIMES. NO LOCKING DOORS SHALL BE PERMITTED, USE CLOSET LATCH. NO STORAGE SHALL BE PERMITTED IN METER LOCKERS.
13. CONCRETE BASES FOR THE INSTALLATION OF SWITCHGEAR SHALL BE COORDINATED WITH P.R.E.P.A. AND CONSTRUCTED SO AS TO PROVIDE SUFFICIENT CLEARANCE BETWEEN CONDUIT TERMINATIONS AND SWITCHGEAR CABLE TERMINALS, AND FOR MINIMUM BENDING RADIOUS BY SHIELDED CABLES AND STRESS CONES.
14. ELECTRICAL CONTRACTOR SHALL NOTIFY THE P.R.E.P.A. AREA OFFICE ON BEGINNING ELECTRICAL WORK ON THE PROJECT.
15. ANY CUSTOMER DEMANDING MORE THAN 50 KVA SHALL BE BILLED ACCORDING TO PRIMARY RATE GSP-1 BY APPLYING A FIXED PERCENTAGE OF TRANSFORMATION LOSSES TO THE CONSUMPTION AND DEMAND METERED IN THE SECONDARY SIDE.
16. CONSTRUCTION OF NEW LINES SHALL BE DONE BY CONTRACTOR EXCEPT AS OTHERWISE NOTED.
17. FOR ALL STANDARDS NUMBERS REFER TO P.R.E.P.A. DISTRIBUTION STANDARDS MANUALS.
18. TRANSFORMERS SHALL BE SELF COOLED, OIL IMMERSED, WITH 4-2 1/2% FULL CAPACITY VOLTAGE TAPS, BELOW NORMAL PRIMARY RATED VOLTAGE, AS REQUIRED BY P.R.E.P.A.
19. GROUND SYSTEM SHALL HAVE A MAXIMUM RESISTANCE OF 10 OHMS.
20. THE P.R.E.P.A. WILL NOT BE LIABLE FOR ANY CHANGE DURING CONSTRUCTION DUE TO TERRAIN CONDITIONS.
21. ANY LINE RELOCATIONS SHALL BE EQUAL OR BETTER THAN THE EXISTING ONE AND IN ACCORD TO THE LATEST ENFORCED STANDARDS.
22. PROVIDE ELECTRICAL IDENTIFYING TAPE FOR UNDERGROUND CABLES 6" WIDE YELLOW COLOR. INSTALLED OVER ALL DIRECT BURIAL UNDERGROUND CABLES AND DUCTS AT 12" B.F.G. TAPE SHALL BE PERMANENTLY PRINTED WITH CONTINUOUS BLACK LETTERS 1 1/4" X 5/8" WITH THE WORD "PELIGRO – PELIGRO" ETC. AT THE TOP AND "LINEAS ELECTRICAS DEBAJO" AT BOTTOM.
23. THE P.R.E.P.A. SHALL NOT ENERGIZE THIS PROJECT UNTIL THE OWNER HAS GRANTED THE CORRESPONDING RIGHT OF WAY AT P.R.E.P.A. LEGAL DIVISION.
24. ALL ELECTRICAL CONSTRUCTION SHALL BE CERTIFICATED AND INSPECTED BY AN AUTHORIZED INSPECTOR BEFORE THE CONNECTION TO P.R.E.P.A.'S ELECTRICAL SYSTEM IN ACCORDANCE WITH CERTIFICATIONS LAW. (LAW #7 JULY 19, 1985).
25. ALL TRANSFORMER INSTALLED IN THIS PROJECT MOST COMPLY WITH CIRCULAR 94-06 RELATED TO IMPROVED LOSSES CRITERIA DATED 15 NOV. 94. SEE TABLE ON THESE DRAWINGS.
26. ALL PRIMARY CABLE TERMINATIONS AND ISOLATOR SHALL BE IN "SILICON RUBBER" AS PER P.R.E.P.A. CIRCULAR 00-01.
27. ALL LIGHTNING ARRESTER SHALL BE METAL OXIDE VARISTOR WITH POLYMER INSULATION AS REQUIRED IN P.R.E.P.A. COMMUNICATE 99-06.

IMPORTANT NOTES:

1. THE CONSTRUCTION STANDARDS INDICATED IN TABLES ON SHEETS E-21, 22 & 23 ARE TO REPLACE THE EXISTING ONES BUT ARE NOT LIMITED AS THE ONLY IMPROVEMENT AT EACH POLE TO BE CONSIDERED. STANDARDS ARE INDICATED AS A MINUMUM IMPROVEMENTS. ALL EXISTING COMPONENTS BEFORE HURRICANES IMPACTS SHALL BE RETURNABLE TO OPERATIONAL CONDITIONS INCLUDING LOAD BREAKS, RISERS, GANG OPERATED LOAD BREAKS, DOWN GUYS, TRANSFORMERS, ETC. UNLESS OTHERWISE INDICATED. CONTRACTOR SHALL CONSIDER ALL IMPROVEMENTS NECESSARY FOR SERVICE RE-ESTABLISHMENT UNDER THEIR BID WORKS.
2. ELECTRICAL DISTRIBUTION ILLUSTRATED IN DRAWINGS SHOWS IMPROVEMENTS TO BE PERFORMED OR DAMAGED CONDITIONS. EXISTING LINES AND EQUIPMENTS NOT AFFECTED BY DAMAGES, LIKE DOWN GUYS, TELECOMMUNICATIONS INSTALLATIONS, CAPACITORS BANKS, RISERS, ETC. SHALL REMAIN OR BE RE-INSTALLED BY THE CONTRACTORS ON REPAIRED OR NEW POLES, EVEN IF NOT IMPLICITY INDICATED ON DRAWINGS.
3. THE CONSTRUCTION DRAWINGS ARE NOT DETAILED "AS-BUILT" DRAWINGS. CONSTRUCTION DRAWINGS ARE ONLY TO IDENTIFY HURRICANES DAMAGES. CONTRACTOR SHALL VISIT FACILITIES AND INCLUDES IN HIS BID ALL ACCESSORIES AND COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION INCLUDING THE SPECIFIED CONSTRUCTION STANDARDS.
4. ALL EXISTING POLES WITH CONSTRUCTION STANDARDS WITH WOOD CROSS ARMS SHALL BE REPLACED WITH STEEL CROSS ARMS STANDARDS AS INDICATED IN CONSTRUCTION STANDARDS TABLES.
5. CONTRACTOR SHALL INCLUDE IN HIS BID THE PREPARATION AND DELIVERY OF A FINAL CONDITIONS "AS-BUILT" DRAWINGS AND SUBMIT FOR INSPECTION AND APPROVAL BEFORE FINAL ACCEPTANCE OF PROJECT.

RISER CONNECTIONS SCHEDULE

POLE	#	SUPPLY	TASKS
488A	1	BACHELOR ENLISTED QUARTER	CONNECT RISER POLE. SUBMITT AS ALTERNATE PERFORM CABLE TEST FOR PRIMARY CONDUCTORS.
485B	2	COMISARIE	RECONSTRUCT RISER CONNECTION. SUBMITT AS ALTERNATE PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #2 AWG 15 KV COPPER CONDUCTORS, WITH PRIMARY TERMINATIONS AND LEAVE IN SERVICE.
830	3	PURE ADVENTURE	RECONSTRUCT RISER CONNECTION. PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #2 AWG 15 KV COPPER CONDUCTORS, WITH PRIMARY TERMINATIONS AND LEAVE IN SERVICE.
834	4	DRNA & FURA	REMAIN AS EXISTING.
833	5	MARINA	RECONSTRUCT RISER CONNECTION.
802	6	BLACK BEARD	INSTALL 3 – 15 KVA TRANSFORMERS CONNECT EXISTING SECONDARY RISER.
852	7	PORT CONTROL	RECONSTRUCT RISER CONNECTION. PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #2 AWG 15 KV COPPER CONDUCTORS, WITH PRIMARY TERMINATIONS AND LEAVE IN SERVICE.
901	8	STATION 39	RECONSTRUCT RISER CONNECTION. PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #2 AWG 15 KV COPPER CONDUCTORS, WITH PRIMARY TERMINATIONS AND LEAVE IN SERVICE.
904	9	BUILDING 1205	RECONSTRUCT RISER CONNECTION. PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #2 AWG 15 KV COPPER CONDUCTORS, WITH PRIMARY TERMINATIONS AND LEAVE IN SERVICE.
872B	10	BUILDING 1207	RECONSTRUCT RISER CONNECTION. PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #2 AWG 15 KV COPPER CONDUCTORS, WITH PRIMARY TERMINATIONS AND LEAVE IN SERVICE.
876A	11	BUILDING ALFA 3188	RECONSTRUCT RISER CONNECTION.
268	12	WATER FILTER PLANT	RECONSTRUCT RISER CONNECTION. PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #2 AWG 15 KV COPPER CONDUCTORS, WITH PRIMARY TERMINATIONS AND LEAVE IN SERVICE.
1236	13	DOWNTOWN & CHAPEL	RECONSTRUCT RISER CONNECTION. SUBMITT AS ALTERNATE PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #4/0 AWG 15 KV COPPER CONDUCTORS, WITH PRIMARY TERMINATIONS AND LEAVE IN SERVICE.
1232	14	NAVY LODGE	RECONSTRUCT RISER CONNECTION. SUBMITT AS ALTERNATE PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #4/0 AWG 15 KV COPPER CONDUCTORS, WITH PRIMARY TERMINATIONS AND LEAVE IN SERVICE.
794	15	MARINA SECTOR	RECONSTRUCT RISER CONNECTION. PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #4/0 AWG FROM INDIA SUBSTATION 13.2 SWITCHGEAR WITH 15 KV COPPER CONDUCTORS INCLUDING PRIMARY TERMINATIONS AND LEAVE IN SERVICE.
793	16	INDUSTRIAL SECTOR	RECONSTRUCT RISER CONNECTION. PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #4/0 AWG FROM INDIA SUBSTATION 13.2 SWITCHGEAR WITH 15 KV COPPER CONDUCTORS INCLUDING PRIMARY TERMINATIONS AND LEAVE IN SERVICE.
789	17	HOSPITAL SECTOR	RECONSTRUCT RISER CONNECTION. PERFORM CABLE TEST FOR PRIMARY CONDUCTORS. SUBMITT AS ALTERNATE REWIRE THE UNDERGROUND PRIMARY FEEDER WITH #4/0 AWG FROM INDIA SUBSTATION 13.2 SWITCHGEAR WITH 15 KV COPPER CONDUCTORS INCLUDING PRIMARY TERMINATIONS AND LEAVE IN SERVICE.

Integra Design Group
DATE
MAY 17, 2018
CONSTRUCTION DRAWINGS

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GOVERNMENT OF PUERTO RICO
Local Redevelopment Authority
for Roosevelt Roads

Project Title:
EMERGENCY REPAIRS OF HURRICANE MARIA DAMAGES TO THE ELECTRICAL DISTRIBUTION SYSTEM AT ROOSEVELT ROADS RE-DEVELOPMENT

Drawing Title:
LEGEND, NOTES & DETAILS

Sheet:
E-24