VOLUME III OF III

MIAMI-DADE AVIATION DEPARTMENT

MIAMI-DADE COUNTY

Daniella Levine Cava
Mayor

Board of County Commissioners

Anthony Rodriguez — ***Chairman***

Kionne L. McGhee
Vice-Chairman

Oliver G. Gilbert, III ***DISTRICT 1***	Kevin M. Cabrera ***DISTRICT 6***	Anthony Rodriguez ***DISTRICT 10***
Marleine Bastien ***DISTRICT 2***	Raquel A. Regalado ***DISTRICT 7***	Roberto J. Gonzalez ***DISTRICT 11***
Keon Hardemon ***DISTRICT 3***	Danielle Cohen Higgins ***DISTRICT 8***	Juan Carlos Bermudez ***DISTRICT 12***
Micky Steinberg ***DISTRICT 4***	Kionne L. McGhee ***DISTRICT 9***	René Garcia ***DISTRICT 13***
Eileen Higgins ***DISTRICT 5***		

Geri Bonzon-Keenan
County Attorney

Ralph Cutié
Aviation Director

DRAWINGS

BID No. W125A

Bid Title: TMB Taxiway C East Extension

CONTACT FOR THIS SOLICITATION:

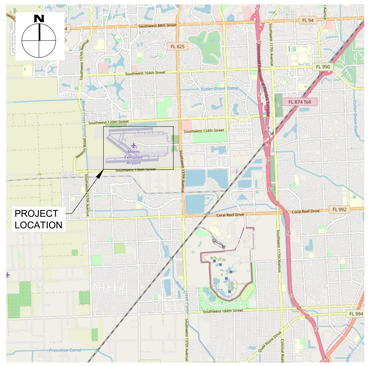
Rose Sanon
Aviation Senior Procurement Contracting Officer
4200 NW 36 Street, Miami, Florida 33166
Telephone: (305) 869-1596
E-mail: rsanon@flyMIA.com

BID DOCUMENTS
NOVEMBER 22, 2024

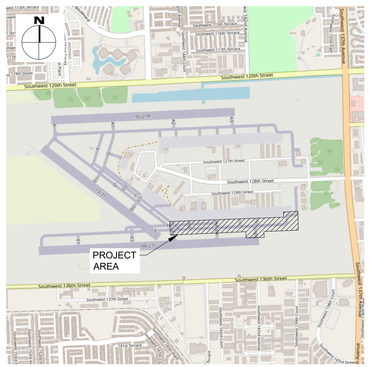
MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)

W125A TAXIWAY C EAST EXTENSION

VICINITY MAP



LOCATION MAP



MIAMI INTERNATIONAL AIRPORT™
MIAMI-DADE COUNTY

PREPARED FOR:

MIAMI DADE COUNTY DEPARTMENT OF AIRPORTS

PREPARED BY:

8333 NW 53RD ST - SUITE 302
DORAL, FL 33166

IN PARTNERSHIP WITH:

EAC CONSULTING, INC
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126

GEOSOL, INC
5795-A NW 151 STREET,
MIAMI LAKES, FL 33014

FR-ALEMAN, INC.
10305 NW 41 STREET, SUITE 200
MIAMI, FL 33178

COUNTY MAYOR
DANIELLA LEVINE CAVA

BOARD OF COUNTY COMMISSIONERS

OLIVER G. GILBERT III	DISTRICT 01
MARLEINE BASTIEN	DISTRICT 02
KEON HARDEMON	DISTRICT 03
MICKY STEINBERG	DISTRICT 04
EILEEN HIGGINS	DISTRICT 05
KEVIN M. CABRERA	DISTRICT 06
RAQUEL A. REGALADO	DISTRICT 07
DANIELLE COHEN HIGGINS	DISTRICT 08
KIONNE L. MCGHEE, VICE-CHAIRMAN	DISTRICT 09
ANTHONY RODRIGUEZ, CHAIRMAN	DISTRICT 10
ROBERTO J. GONZALEZ	DISTRICT 11
JUAN CARLOS BERMUDEZ	DISTRICT 12
RENÉ GARCIA	DISTRICT 13

COUNTY ATTORNEY
GERI BONZON-KEENAN

DEPARTMENT OF AIRPORTS
RALPH CUTIÉ, AVIATION DIRECTOR

SHEET INDEX

SHEET NO.	SHEET ID	SHEET NAME
1	G-001	COVER SHEET
2	G-002	DRAWING INDEX
3	G-003	SIGNATURE SHEET
4	G-004	SIGNATURE SHEET
5	G-005	SUMMARY OF QUANTITIES
6	G-006	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
7	G-101	PROJECT AREA PLAN
8	G-102	HEIGHT RESTRICTION PLAN
9	G-201	STAGING AND ACCESS PLAN
10	G-202	STAGING AND ACCESS PLAN
11	G-301	SAFETY AREA PLAN
12	G-400A	PHASING SCHEDULE
13	G-400B	PHASING SCHEDULE
14	G-401	OVERALL CONSTRUCTION PHASING PLAN
15	G-402	OVERALL CONSTRUCTION PHASING NOTES
16	G-403	CONSTRUCTION PHASE 1 PLAN
17	G-403A	CONSTRUCTION PHASE 1 PLAN ENHANCED
18	G-403B	PHASE 1 TEMPORARY LIGHTING PLAN
19	G-404	CONSTRUCTION PHASE 2A PLAN
20	G-405	CONSTRUCTION PHASE 2 PLAN
21	G-405B	PHASE 2 TEMPORARY LIGHTING PLAN
22	G-406	CONSTRUCTION PHASE 2B PLAN
23	G-407	CONSTRUCTION PHASE 3 PLAN
24	G-407A	CONSTRUCTION PHASE 3 PLAN ENHANCED
25	G-407B	PHASE 3 TEMPORARY LIGHTING PLAN - 1
26	G-407C	PHASE 3 TEMPORARY LIGHTING PLAN - 2
27	G-408	CONSTRUCTION PHASE 4 PLAN
28	G-408B	PHASE 4 TEMPORARY LIGHTING PLAN
29	G-409	CONSTRUCTION PHASE 5 PLAN
30	G-409B	PHASE 5 TEMPORARY LIGHTING PLAN
31	G-410	CONSTRUCTION SUB-PHASE 5A PLAN
32	G-410B	PHASE 5A TEMPORARY LIGHTING PLAN
33	G-411	CONSTRUCTION SUB-PHASE 5B PLAN
34	G-412	CONSTRUCTION SUB-PHASE 5C PLAN
35	G-413	CONSTRUCTION SUB-PHASE 5D PLAN
36	G-414	CONSTRUCTION PHASE 6 PLAN
37	G-415	LANDSIDE MOT PLAN
38	G-501	SAFETY AND SECURITY NOTES
39	G-502	SAFETY AND SECURITY DETAILS
40	G-503	SAFETY AND SECURITY DETAILS
41	C-101	GEOMETRIC CONTROL PLAN
42	C-110	OVERALL STORMWATER POLLUTION PREVENTION PLAN
43	C-111	STORMWATER POLLUTION PREVENTION PLAN
44	C-112	STORMWATER POLLUTION PREVENTION PLAN
45	C-113	STORMWATER POLLUTION PREVENTION PLAN
46	C-114	STORMWATER POLLUTION PREVENTION PLAN
47	C-115	STORMWATER POLLUTION PREVENTION PLAN
48	C-116	STORMWATER POLLUTION PREVENTION NOTES AND DETAILS
49	C-121	OVERALL DRAINAGE DEMOLITION PLAN
50	C-122	DRAINAGE DEMOLITION PLAN
51	C-123	DRAINAGE DEMOLITION PLAN
52	C-124	DRAINAGE DEMOLITION PLAN
53	C-125	DRAINAGE DEMOLITION PLAN
54	C-200	PAVEMENT DEMOLITION PLAN
55	C-201	PAVEMENT DEMOLITION PLAN
56	C-202	PAVEMENT DEMOLITION PLAN
57	C-203	PAVEMENT DEMOLITION PLAN
58	C-204	PAVEMENT DEMOLITION PLAN
59	C-205	PAVEMENT DEMOLITION PLAN
60	C-206	PAVEMENT DEMOLITION GEOMETRIC POINT TABLES
61	C-301	GEOMETRY PLAN
62	C-302	GEOMETRY PLAN
63	C-303	GEOMETRY PLAN
64	C-304	GEOMETRY PLAN
65	C-305	GEOMETRY GEOMETRIC POINT TABLES
66	C-310	TYPICAL SECTION AND PAVING DETAILS
67	C-311	TYPICAL SECTION AND PAVING DETAILS
68	C-312	TYPICAL SECTION AND PAVING DETAILS
69	C-313	TYPICAL SECTION AND PAVING DETAILS
70	C-400	OVERALL DRAINAGE PLAN
71	C-401	DRAINAGE PLAN
72	C-402	DRAINAGE PLAN
73	C-403	DRAINAGE PLAN
74	C-404	DRAINAGE PLAN
75	C-405	SUMMARY OF DRAINAGE STRUCTURES

SHEET INDEX

SHEET NO.	SHEET ID	SHEET NAME
76	C-411	DRAINAGE PROFILES
77	C-412	DRAINAGE PROFILES
78	C-413	DRAINAGE PROFILES
79	C-414	DRAINAGE PROFILES
80	C-415	DRAINAGE PROFILES
81	C-416	DRAINAGE PROFILES
82	C-417	DRAINAGE PROFILES
83	C-418	DRAINAGE PROFILES
84	C-421	DRAINAGE DETAILS
85	C-422	DRAINAGE DETAILS
86	C-501	GRADING PLAN & PROFILE TWY C
87	C-502	GRADING PLAN & PROFILE TWY C
88	C-503	GRADING PLAN & PROFILE TWY C
89	C-504	GRADING PLAN & PROFILE TWY C
90	C-505	GRADING PLAN & PROFILE TWY D
91	C-506	GRADING PLAN & PROFILE TWY D
92	C-507	GRADING PLAN & PROFILE TWY D
93	C-508	GRADING PLAN & PROFILE TWY D
94	C-509	GRADING PLAN & PROFILE ACCESS ROAD
95	C-510	GRADING PROFILES- TAXIWAY CONNECTORS
96	C-511	GRADING PROFILES- TAXIWAY CONNECTORS
97	C-512	GRADING PROFILES- TRENCH DRAIN
98	C-601	PAVEMENT ELEVATION PLAN
99	C-602	PAVEMENT ELEVATION PLAN
100	C-603	PAVEMENT ELEVATION PLAN
101	C-604	PAVEMENT ELEVATION PLAN
102	C-605	PAVEMENT ELEVATION PLAN
103	C-606	PAVEMENT ELEVATION PLAN
104	C-607	PAVEMENT ELEVATION PLAN
105	C-608	PAVEMENT ELEVATION PLAN
106	C-609	PAVEMENT ELEVATION PLAN
107	C-701	CROSS SECTION PLAN VIEW
108	C-702	CROSS SECTION PLAN VIEW
109	C-703	CROSS SECTION PLAN VIEW
110	C-704	CROSS SECTION PLAN VIEW
111	C-800	PAVEMENT MARKING PLAN
112	C-801	PAVEMENT MARKING PLAN
113	C-802	PAVEMENT MARKING PLAN
114	C-803	PAVEMENT MARKING PLAN
115	C-804	PAVEMENT MARKING PLAN
116	C-805	PAVEMENT MARKING GEOMETRIC POINT TABLES
117	C-806	PAVEMENT MARKING GEOMETRIC POINT TABLES
118	C-811	PAVEMENT MARKING DETAILS
119	C-812	PAVEMENT MARKING DETAILS
120	C-813	PAVEMENT MARKING DETAILS
121	S-101	TRENCH DRAIN DETAILS
122	S-102	OIL WATER SEPERATOR DETAIL
123	S-103	DRAINAGE STRUCTURE DETAILS
124	E-001	ELECTRICAL NOTES AND ABBREVIATIONS
125	E-002	REVISED VAULT PLAN
126	E-100	PARTIAL DUCTBANK AIRFIELD LIGHTING POWER PLAN
127	E-101	ELECTRICAL DEMOLITION PLAN
128	E-102	ELECTRICAL DEMOLITION PLAN
129	E-103	ELECTRICAL DEMOLITION PLAN
130	E-104	ELECTRICAL DEMOLITION PLAN
131	E-201	LIGHTING LAYOUT PLAN
132	E-202	LIGHTING LAYOUT PLAN
133	E-203	LIGHTING LAYOUT PLAN
134	E-204	LIGHTING LAYOUT PLAN
135	E-240	GUIDANCE SIGN PLANS
136	E-241	GUIDANCE SIGN PLANS
137	E-242	GUIDANCE SIGN PLANS
138	E-243	GUIDANCE SIGN PLANS
139	E-244	SIGN SCHEDULE
140	E-301	LIGHTING CIRCUITRY LAYOUT
141	E-302	LIGHTING CIRCUITRY LAYOUT
142	E-303	LIGHTING CIRCUITRY LAYOUT
143	E-304	LIGHTING CIRCUITRY LAYOUT
144	E-401	ELECTRICAL DETAILS - 1
145	E-402	ELECTRICAL DETAILS - 2
146	E-403	ELECTRICAL DETAILS - 3
147	E-404	ELECTRICAL DETAILS - 4
148	E-405	ELECTRICAL DETAILS - 5
149	E-406	ELECTRICAL DETAILS - 6
150	E-500	ALCMS TOUCHSCREEN GRAPHIC

SHEET INDEX

SHEET NO.	SHEET ID	SHEET NAME
151	T-100	CCTV CAMERA PLANS
152	T-101	OIL WATER SEPARATOR POWER PLANS
153	T-102	OIL WATER SEPARATOR POWER ENHANCED
154	T-400	FIBER ONE LINE DIAGRAMS
155	T-401	MDFR AIR RESCUE 24 WIRING DIAGRAMS
156	T-402	MDAD ADMINISTRATION BUILDING WIRING DIAGRAMS
157	T-403	FAA TOWER WIRING DIAGRAMS
158	T-404	CABINET WIRING DIAGRAMS
159	T-405	CABINET WIRING DIAGRAMS
160	T-406	CABINET WIRING DIAGRAMS
161	T-407	PROPOSED GROUND MOUNTED CCTV CABINET DETAIL
162	T-408	CCTV MOUNTING DETAILS
163	T-409	TRENCHING DETAILS
164	T-410	PULL BOX DETAILS
165	T-411	OIL WATER SEPARATOR DETAILS
166	X-101	CROSS SECTIONS- TAXIWAY C
167	X-102	CROSS SECTIONS- TAXIWAY C
168	X-103	CROSS SECTIONS- TAXIWAY C
169	X-104	CROSS SECTIONS- TAXIWAY C
170	X-105	CROSS SECTIONS- TAXIWAY C
171	X-106	CROSS SECTIONS- TAXIWAY C
172	X-107	CROSS SECTIONS- TAXIWAY C
173	X-108	CROSS SECTIONS- TAXIWAY C
174	X-109	CROSS SECTIONS- TAXIWAY C
175	X-110	CROSS SECTIONS- TAXIWAY C
176	X-111	CROSS SECTIONS- TAXIWAY C
177	X-112	CROSS SECTIONS- TAXIWAY C
178	X-113	CROSS SECTIONS- TAXIWAY C
179	X-114	CROSS SECTIONS- TAXIWAY C
180	X-115	CROSS SECTIONS- TAXIWAY C
181	X-116	CROSS SECTIONS- TAXIWAY C
182	X-117	CROSS SECTIONS- TAXIWAY C
183	X-118	CROSS SECTIONS- TAXIWAY C
184	X-119	CROSS SECTIONS- TAXIWAY C
185	X-120	CROSS SECTIONS- TAXIWAY C
186	X-121	CROSS SECTIONS- TAXIWAY C
187	X-122	CROSS SECTIONS- TAXIWAY C
188	X-123	CROSS SECTIONS- TAXIWAY C
189	X-124	CROSS SECTIONS- TAXIWAY C
190	X-125	CROSS SECTIONS- TAXIWAY C
191	X-126	CROSS SECTIONS- TAXIWAY C
192	X-127	CROSS SECTIONS- TAXIWAY C
193	X-128	CROSS SECTIONS- TAXIWAY C
194	X-129	CROSS SECTIONS- TAXIWAY C
195	X-130	CROSS SECTIONS- TAXIWAY C
196	X-131	CROSS SECTIONS- TAXIWAY C
197	X-132	CROSS SECTIONS- TAXIWAY C
198	X-133	CROSS SECTIONS- TAXIWAY C
199	X-134	CROSS SECTIONS- TAXIWAY C
200	X-135	CROSS SECTIONS- TAXIWAY C
201	X-136	CROSS SECTIONS- TAXIWAY C
202	X-137	CROSS SECTIONS- TAXIWAY C
203	X-138	CROSS SECTIONS- TAXIWAY C
204	X-139	CROSS SECTIONS- TAXIWAY C
205	X-140	CROSS SECTIONS- TAXIWAY C
206	X-141	CROSS SECTIONS- TAXIWAY C
207	X-142	CROSS SECTIONS- TAXIWAY C
208	X-143	CROSS SECTIONS- TAXIWAY C
209	X-144	CROSS SECTIONS- TAXIWAY C
210	X-145	CROSS SECTIONS- TAXIWAY C
211	X-146	CROSS SECTIONS- TAXIWAY C9
212	X-147	CROSS SECTIONS- TAXIWAY D7
213	X-148	CROSS SECTIONS- TAXIWAY D7
214	X-149	CROSS SECTIONS- ACCESS ROAD
215	X-150	CROSS SECTIONS- ACCESS ROAD
216	V-100	TOPOGRAPHIC SURVEY COVER SHEET
217	V-101	TOPOGRAPHIC SURVEY
218	V-102	TOPOGRAPHIC SURVEY
219	V-103	TOPOGRAPHIC SURVEY
220	V-104	TOPOGRAPHIC SURVEY

MDA MIAMI-DADE COUNTY

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

DRAWING INDEX

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-002

FILENAME: C:\PW\WORKING\EAST01\D3123626I103653816-002.DWG
PLOT DATE: 2025/05/21 AT 12:28 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

TIMOTHY J. FISH
LICENSE
No. 70617
STATE OF FLORIDA
PROFESSIONAL ENGINEER

TIMOTHY J. FISH
PE # 70617

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

HDR ENGINEERING, INC.
440 S CHURCH ST, STE 1200
CHARLOTTE, NORTH CAROLINA, 28202
TIMOTHY J. FISH, P.E. NO 70617

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET INDEX

SHEET NO.	SHEET NAME
G-001	COVER SHEET
G-002	DRAWING INDEX
G-003	SIGNATURE SHEET
G-004	SIGNATURE SHEET
G-005	SUMMARY OF QUANTITIES
G-006	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
G-101	PROJECT AREA PLAN
G-102	HEIGHT RESTRICTION PLAN
G-201	STAGING AND ACCESS PLAN
G-202	STAGING AND ACCESS PLAN
G-301	SAFETY AREA PLAN
G-400A	PHASING SCHEDULE
G-400B	PHASING SCHEDULE
G-401	OVERALL CONSTRUCTION PHASING PLAN
G-402	OVERALL CONSTRUCTION PHASING NOTES
G-403	CONSTRUCTION PHASE 1 PLAN
G-403A	CONSTRUCTION PHASE 1 PLAN ENHANCED
G-404	CONSTRUCTION PHASE 2A PLAN
G-405	CONSTRUCTION PHASE 2 PLAN
G-406	CONSTRUCTION PHASE 2B PLAN
G-407	CONSTRUCTION PHASE 3 PLAN
G-407A	CONSTRUCTION PHASE 3 PLAN ENHANCED
G-408	CONSTRUCTION PHASE 4 PLAN
G-409	CONSTRUCTION PHASE 5 PLAN
G-410	CONSTRUCTION SUB-PHASE 5A PLAN
G-411	CONSTRUCTION SUB-PHASE 5B PLAN
G-412	CONSTRUCTION SUB-PHASE 5C PLAN
G-413	CONSTRUCTION SUB-PHASE 5D PLAN
G-414	CONSTRUCTION PHASE 6 PLAN
G-415	LANDSIDE MOT PLAN
G-501	SAFETY AND SECURITY NOTES
G-502	SAFETY AND SECURITY DETAILS
G-503	SAFETY AND SECURITY DETAILS
C-101	GEOMETRIC CONTROL PLAN
C-200	PAVEMENT DEMOLITION PLAN
C-201	PAVEMENT DEMOLITION PLAN
C-202	PAVEMENT DEMOLITION PLAN
C-203	PAVEMENT DEMOLITION PLAN
C-204	PAVEMENT DEMOLITION PLAN
C-205	PAVEMENT DEMOLITION PLAN
C-206	PAVEMENT DEMOLITION GEOMETRIC POINT TABLES
C-301	GEOMETRY PLAN
C-302	GEOMETRY PLAN
C-303	GEOMETRY PLAN
C-304	GEOMETRY PLAN
C-305	GEOMETRY GEOMETRIC POINT TABLES
C-310	TYPICAL SECTION AND PAVING DETAILS

SHEET INDEX

SHEET NO.	SHEET NAME
C-311	TYPICAL SECTION AND PAVING DETAILS
C-312	TYPICAL SECTION AND PAVING DETAILS
C-313	TYPICAL SECTION AND PAVING DETAILS
C-501	GRADING PLAN & PROFILE TWY C
C-502	GRADING PLAN & PROFILE TWY C
C-503	GRADING PLAN & PROFILE TWY C
C-504	GRADING PLAN & PROFILE TWY C
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C-510	GRADING PROFILES- TAXIWAY CONNECTORS
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C-701	CROSS SECTION PLAN VIEW
C-702	CROSS SECTION PLAN VIEW
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C-800	PAVEMENT MARKING PLAN
C-801	PAVEMENT MARKING PLAN
C-802	PAVEMENT MARKING PLAN
C-803	PAVEMENT MARKING PLAN
C-804	PAVEMENT MARKING PLAN
C-805	PAVEMENT MARKING GEOMETRIC POINT TABLES
C-806	PAVEMENT MARKING GEOMETRIC POINT TABLES
C-811	PAVEMENT MARKING DETAILS
C-812	PAVEMENT MARKING DETAILS
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X-101	CROSS SECTIONS- TAXIWAY C
X-102	CROSS SECTIONS- TAXIWAY C
X-103	CROSS SECTIONS- TAXIWAY C
X-104	CROSS SECTIONS- TAXIWAY C
X-105	CROSS SECTIONS- TAXIWAY C
X-106	CROSS SECTIONS- TAXIWAY C
X-107	CROSS SECTIONS- TAXIWAY C
X-108	CROSS SECTIONS- TAXIWAY C
X-109	CROSS SECTIONS- TAXIWAY C

SHEET INDEX

SHEET NO.	SHEET NAME
X-110	CROSS SECTIONS- TAXIWAY C
X-111	CROSS SECTIONS- TAXIWAY C
X-112	CROSS SECTIONS- TAXIWAY C
X-113	CROSS SECTIONS- TAXIWAY C
X-114	CROSS SECTIONS- TAXIWAY C
X-115	CROSS SECTIONS- TAXIWAY C
X-116	CROSS SECTIONS- TAXIWAY C
X-117	CROSS SECTIONS- TAXIWAY C
X-118	CROSS SECTIONS- TAXIWAY C
X-119	CROSS SECTIONS- TAXIWAY C
X-120	CROSS SECTIONS- TAXIWAY C
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X-122	CROSS SECTIONS- TAXIWAY C
X-123	CROSS SECTIONS- TAXIWAY C
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X-125	CROSS SECTIONS- TAXIWAY C
X-126	CROSS SECTIONS- TAXIWAY C
X-127	CROSS SECTIONS- TAXIWAY C
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X-130	CROSS SECTIONS- TAXIWAY C
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X-132	CROSS SECTIONS- TAXIWAY C
X-133	CROSS SECTIONS- TAXIWAY C
X-134	CROSS SECTIONS- TAXIWAY C
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X-137	CROSS SECTIONS- TAXIWAY C
X-138	CROSS SECTIONS- TAXIWAY C
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X-140	CROSS SECTIONS- TAXIWAY C
X-141	CROSS SECTIONS- TAXIWAY C
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X-150	CROSS SECTIONS- ACCESS ROAD

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

IAN DENHOLM
LICENSE
No. 76229
STATE OF FLORIDA
PROFESSIONAL ENGINEER

IAN J. DENHOLM
PE # 76229

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

HDR ENGINEERING, INC.
1307 RAYMOND BLVD. STE 1400
NEWARK, NJ 07102
IAN J. DENHOLM, P.E. NO 76229

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SHEET INDEX

SHEET NO.	SHEET NAME
G-403B	PHASE 1 TEMPORARY LIGHTING PLAN
G-405B	PHASE 2 TEMPORARY LIGHTING PLAN
G-407B	PHASE 3 TEMPORARY LIGHTING PLAN - 1
G-407C	PHASE 3 TEMPORARY LIGHTING PLAN - 2
G-408B	PHASE 4 TEMPORARY LIGHTING PLAN
G-409B	PHASE 5 TEMPORARY LIGHTING PLAN
G-410B	PHASE 5A TEMPORARY LIGHTING PLAN
E-001	ELECTRICAL NOTES AND ABBREVIATIONS
E-002	REVISED VAULT PLAN
E-100	PARTIAL DUCTBANK AIRFIELD LIGHTING POWER PLAN
E-101	ELECTRICAL DEMOLITION PLAN
E-102	ELECTRICAL DEMOLITION PLAN
E-103	ELECTRICAL DEMOLITION PLAN
E-104	ELECTRICAL DEMOLITION PLAN
E-201	LIGHTING LAYOUT PLAN
E-202	LIGHTING LAYOUT PLAN
E-203	LIGHTING LAYOUT PLAN
E-204	LIGHTING LAYOUT PLAN
E-240	GUIDANCE SIGN PLANS
E-241	GUIDANCE SIGN PLANS
E-242	GUIDANCE SIGN PLANS
E-243	GUIDANCE SIGN PLANS
E-244	SIGN SCHEDULE
E-301	LIGHTING CIRCUITRY LAYOUT
E-302	LIGHTING CIRCUITRY LAYOUT
E-303	LIGHTING CIRCUITRY LAYOUT
E-304	LIGHTING CIRCUITRY LAYOUT
E-401	ELECTRICAL DETAILS - 1
E-402	ELECTRICAL DETAILS - 2
E-403	ELECTRICAL DETAILS - 3
E-404	ELECTRICAL DETAILS - 4
E-405	ELECTRICAL DETAILS - 5
E-406	ELECTRICAL DETAILS - 6
E-500	ALCMS TOUCHSCREEN GRAPHIC

MIAMI-DADE AVIATION

MARK	DESCRIPTION	DATE
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LICENSED PROFESSIONAL

DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

SIGNATURE SHEET

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

G-003

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381\G-003.DWG
PLOT DATE: 2025/05/21 AT 12:28 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

CORY BEARD LICENSE No. 87528 STATE OF FLORIDA PROFESSIONAL ENGINEER

CORY T. BEARD
PE # 87528

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

HDR ENGINEERING, INC.
1201 MAIN ST, STE 800
COLUMBIA, SOUTH CAROLINA, 29201
CORY T. BEARD, P.E. NO 87528

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET INDEX

Sheet Number	Sheet Title
T-100	CCTV CAMERA PLANS
T-101	CCTV CAMERA PLANS
T-102	CCTV CAMERA PLANS ENHANCED
T-400	FIBER ONE LINE DIAGRAMS
T-401	MDFR AIR RESCUE 24 WIRING DIAGRAMS
T-402	MDAD ADMINISTRATION BUILDING WIRING DIAGRAMS
T-403	FAA TOWER WIRING DIAGRAMS
T-404	CABINET WIRING DIAGRAMS
T-405	CABINET WIRING DIAGRAMS
T-406	CABINET WIRING DIAGRAMS
T-407	PROPOSED GROUND MOUNTED CCTV CABINET DETAIL
T-408	CCTV MOUNTING DETAILS
T-409	DIRECTIONAL BORE AND TRENCHING DETAILS
T-410	PULL BOX DETAILS
T-411	OIL WATER SEPARATOR DETAILS

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ELIAS GUEVARA LICENSE No. 94538 STATE OF FLORIDA PROFESSIONAL ENGINEER

ELIAS ANDRES IGNACIO GUEVARA
PE # 94538

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

EAC CONSULTING, INC.
5100 NW 33RD AVE, STE 243
FORT LAUDERDALE, FLORIDA, 33309
ELIAS ANDRES IGNACIO GUEVARA, P.E. NO 94538

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET INDEX

Sheet Number	Sheet Title
C-110	OVERALL STORMWATER POLLUTION PREVENTION PLAN
C-111	STORMWATER POLLUTION PREVENTION PLAN
C-112	STORMWATER POLLUTION PREVENTION PLAN
C-113	STORMWATER POLLUTION PREVENTION PLAN
C-114	STORMWATER POLLUTION PREVENTION PLAN
C-115	STORMWATER POLLUTION PREVENTION PLAN
C-116	STORMWATER POLLUTION PREVENTION NOTES AND DETAILS
C-121	OVERALL DRAINAGE DEMOLITION PLAN
C-122	DRAINAGE DEMOLITION PLAN
C-123	DRAINAGE DEMOLITION PLAN
C-124	DRAINAGE DEMOLITION PLAN
C-125	DRAINAGE DEMOLITION PLAN
C-400	OVERALL DRAINAGE PLAN
C-401	DRAINAGE PLAN
C-402	DRAINAGE PLAN
C-403	DRAINAGE PLAN
C-404	DRAINAGE PLAN
C-405	SUMMARY OF DRAINAGE STRUCTURES
C-411	DRAINAGE PROFILES
C-412	DRAINAGE PROFILES
C-413	DRAINAGE PROFILES
C-414	DRAINAGE PROFILES
C-415	DRAINAGE PROFILES
C-416	DRAINAGE PROFILES
C-417	DRAINAGE PROFILES
C-418	DRAINAGE PROFILES
C-421	DRAINAGE DETAILS
C-422	DRAINAGE DETAILS

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

DENNIS RODRIGUEZ LICENSE No. 80767 STATE OF FLORIDA PROFESSIONAL ENGINEER

DENNIS ABEL RODRIGUEZ
PE # 80767

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

HDR ENGINEERING, INC.
8333 NW 53RD ST, STE 302
DORAL, FLORIDA, 33166
DENNIS ABEL RODRIGUEZ, P.E. NO 80767

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET INDEX

Sheet Number	Sheet Title
S-101	TRENCH DRAIN DETAILS
S-102	OIL WATER SEPERATOR DETAIL
S-103	DRAINAGE STRUCTURE DETAILS

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

GASPAR A. LOBAINA
PLS # 2873

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

FR-ALEMAN, INC.
10305 NW 41 STREET, STE 200
MIAMI, FLORIDA, 33178
GASPAR A. LOBAINA, P.L.S. NO 2873

THE ABOVE NAMED PROFESSIONAL LAND SURVEYOR SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET INDEX

Sheet Number	Sheet Title
V-100	TOPOGRAPHIC SURVEY COVER SHEET
V-101	TOPOGRAPHIC SURVEY
V-102	TOPOGRAPHIC SURVEY
V-103	TOPOGRAPHIC SURVEY
V-104	TOPOGRAPHIC SURVEY

MIA MIAMI-DADE COUNTY

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

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SIGNATURE SHEET

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

G-004

FILENAME: C:\PWWORKING\EAST01\D312362681\03653816-G-003.DWG
PLOT DATE: 2024/12/03 AT 8:07 AM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

SUMMARY OF QUANTITIES - BASE BID

ITEM NO.	SPEC	DESCRIPTION	QUANTITY	UNIT
1	015700-11.1	MAINTENANCE OF AIRCRAFT OPERATING AREA TRAFFIC	1	LS
2	015700-11.2	WILDLIFE BURROW SURVEY, PERMITTING, COLLAPSE, AND PROTECTION	1	LS
3	015700-11.3	SUBSURFACE UTILITY INVESTIGATION	1	LS
4	015710-5.1	MAINTENANCE OF AIRPORT LANDSIDE TRAFFIC	1	LS
5	C-100-14.1	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
6	C-102-5.1	TEMP AIR AND WATER POLLUTION, SOIL EROSION, AND SILTATION CONTROL	1	LS
7	C-105-6.1	MOBILIZATION	1	LS
8	P-101-5.1	PAVEMENT REMOVAL	50,900	SY
9	P-101-5.7a	REMOVAL OF PIPE (6-INCH TO 24-INCH DIAMETER)	150	LF
10	P-101-5.7b	REMOVAL OF PIPE (MORE THAN 24-INCH DIAMETER)	1,700	LF
11	P-101-5.7c	REMOVAL OF STORMWATER STRUCTURE	8	EA
12	P-151-4.1	STRIPPING	100,300	SY
13	P-152-4.1	UNCLASSIFIED EXCAVATION	49,500	CY
14	P-152-4.2	EMBANKMENT IN PLACE	2,900	CY
15	P-152-4.3	SOFT GROUND REPAIR	500	SY
16	P-154-5.1a	SUBBASE COURSE (6-INCH DEPTH)	15,000	SY
17	P-154-5.1b	SUBBASE COURSE (12-INCH DEPTH)	52,900	SY
18	P-211-5.1a	LIME ROCK BASE COURSE (6-INCH DEPTH)	15,300	SY
19	P-211-5.1b	LIME ROCK BASE COURSE (10-INCH DEPTH)	48,900	SY
20	P-211-5.1c	LIME ROCK BASE COURSE (12-INCH DEPTH)	6,900	SY
21	P-211-5.2	SCARIFY AND RECOMPACT LIME ROCK BASE COURSE	15,700	SY
22	P-401-8.1a	ASPHALT SURFACE COURSE, PG 76-22, GRADATION 2	17,000	TON
23	P-401-8.1b	ASPHALT SURFACE COURSE, PG 67-22, GRADATION 2	3,160	TON
24	P-610-6.2	CONCRETE (24-INCH DEPTH)	180	SY
25	P-610-6.3	OIL AND WATER SEPARATOR TOP SLAB	1	LS
26	P-610-6.4	BOLLARDS	8	EA
27	P-620-5.2a	PERMANENT MARKINGS WITH GLASS BEADS	50,150	SF
28	P-620-5.2b	PERMANENT MARKINGS WITH NO GLASS BEADS	72,150	SF
29	P-620-5.4	TEMPORARY PAVEMENT MARKINGS	30,050	SF
30	P-620-5.5	REMOVAL OF EXISTING MARKINGS	6,440	SF
31	P-702-6.2	ADJUST WATER VALVE	1	EA
32	D-701-5.1a	18-INCH RCP, CLASS V STORM DRAIN	3,100	LF
33	D-701-5.1b	24-INCH RCP, CLASS V STORM DRAIN	120	LF
34	D-701-5.1c	36-INCH RCP, CLASS V STORM DRAIN	3,000	LF
35	D-701-5.1d	48-INCH RCP, CLASS V STORM DRAIN	300	LF
36	D-701-5.1e	4-INCH DIP CLASS 53 STORM DRAIN	2,000	LF
37	D-701-5.1f	8-INCH DIP CLASS 53 STORM DRAIN	200	LF
38	D-701-5.1g	12-INCH DIP CLASS 53 STORM DRAIN	2,800	LF
39	D-701-5.1h	16-INCH DIP CLASS 53 STORM DRAIN	20	LF
40	D-701-5.1i	18-INCH DIP CLASS 53 STORM DRAIN	20	LF
41	D-701-5.1j	4-INCH GALVANIZED STEEL PIPE	60	LF
42	D-701-5.2a	18-INCH X 18-INCH WYE RCP CLASS V STORM DRAIN	1	EA
43	D-701-5.2b	18-INCH X 36-INCH WYE RCP CLASS V STORM DRAIN	8	EA
44	D-702-5.1	TRENCH DRAIN	2,950	LF
45	D-751-5.1a	FDOT DITCH BOTTOM INLET, TYPE G	17	EA
46	D-751-5.1b	FDOT DITCH BOTTOM INLET, TYPE G WITH STRUCTURE BOTTOM ALTERNATE A TYPE J	4	EA
47	D-751-5.1c	FDOT MANHOLE, TYPE 8 WITH STRUCTURE BOTTOM ALTERNATE A TYPE J	3	EA
48	D-751-5.1d	STORM DRAIN MANHOLE, TYPE 1	4	EA
49	D-751-5.1e	GRIT CHAMBER (48"X48")	11	EA
50	D-751-5.1f	UTILITY STRUCTURE, BELOW GROUND, ADJUST/MODIFY	3	EA
51	D-751-5.1g	TRENCH DRAIN RCP OUTFALL	20	EA
52	D-751-5.1h	TRENCH DRAIN COLLECTION CHAMBER PAIR	11	EA
53	D-755-5.1	OIL/WATER SEPARATOR	1	EA
54	T-904-5.1	SODDING (WITH TOPSOIL)	63,680	SY
55	L-108-5.2a	NO. 8 AWG, 5 KV, L-824, TYPE C CABLE, INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	36,100	LF
56	L-108-5.2b	NO. 4 AWG, SOLID, BARE COPPER COUNTERPOISE WIRE, INSTALLED IN TRENCH, ABOVE THE DUCT BANK OR CONDUIT, INCLUDING CONNECTIONS/TERMINATIONS	14,800	LF
57	L-108-5.2c	NO. 6 AWG, 600V, XHHW, EQUIPMENT GROUND CONDUCTOR	1,295	LF
58	L-108-5.2d	NO. 8 AWG, 5 KV, L-824, TYPE C CABLE, INSTALLED FOR TEMPORARY USE IN TEMPORARY CONDUIT	8,770	LF
59	L-108-5.2e	RELABELING OF CIRCUITS TO CORRESPOND WITH NEW TAXIWAY IDENTIFIERS CIRCUITS IN EACH JUNCTION POINT	145	EA
60	L-108-5.2f	3/4" X 20' GROUND RODS CONNECTED TO COUNTERPOISE	142	EA
61	L-108-5.2g	ADDITIONAL 3/4" X 10' GROUND ROD SECTIONS	142	EA
62	L-110-5.1a	2" PVC CONDUIT IN TRENCH - CONCRETE ENCASED - NEW PAVEMENT	8,383	LF
63	L-110-5.1b	2" PVC CONDUIT IN TRENCH - CONCRETE ENCASED - IN GRASS	4,557	LF
64	L-110-5.1c	REMOVAL OF EXISTING CONDUIT AND CABLES	12,534	LF
65	L-110-5.1d	REMOVAL OF EXISTING DUCT BANK AND CABLES	1,563	LF
66	L-110-5.1e	2" RGS CONDUIT FOR TEMPORARY INSTALLATION	4,080	LF

SUMMARY OF QUANTITIES - BASE BID

ITEM NO.	SPEC	DESCRIPTION	QUANTITY	UNIT
67	L-110-5.1f	REMOVAL OF EXISTING MANHOLE	11	EA
68	L-110-5.1g	INSTALL 6-2" DUCT BANK - CONCRETE ENCASED - NEW PAVEMENT	100	LF
69	L-110-5.1h	REMOVAL OF TEMPORARY CONDUIT AND CABLES	4,080	LF
70	L-110-5.1i	INSTALL 4-2" DUCT BANK - CONCRETE ENCASED - NEW PAVEMENT	2,509	LF
71	L-110-5.1j	INTERCEPT EXISTING CONDUIT	13	EA
72	L-110-5.1k	INSTALL 2-1" RIGID GALVANIZED STEEL CONDUIT IN TRENCH - CONCRETE ENCASED – NEW PAVEMENT	400	LF
73	L-125-5.1a	NEW L-861T(L), LED ELEVATED TAXIWAY EDGE LIGHT - WHICH INCLUDES: THE BASE CAN, TRANSFORMER, SPLICE KITS, LIGHT FIXTURE, BASE CAN COVER, GROUND ROD, AND INSTALLATION IN PAVED SHOULDER	133	EA
74	L-125-5.1b	NEW L-858(L), LED GUIDANCE SIGN DOUBLE SIDED - WHICH INCLUDES: THE BASE CAN, TRANSFORMER, SPLICE KITS, LIGHT FIXTURE, SIGN FOUNDATION, BASE CAN COVER, GROUND ROD, AND INSTALLATION	36	EA
75	L-125-5.1c	REMOVAL OF EXISTING L-861T(L), LED ELEVATED TAXIWAY EDGE LIGHT, BASE, AND FOUNDATION	150	EA
76	L-125-5.1d	REMOVAL OF EXISTING GUIDANCE SIGN, BASE CAN, AND FOUNDATION	27	EA
77	L-125-5.1e	TEMPORARY INSTALLATION OF L-861T(L), LED ELEVATED TAXIWAY EDGE LIGHT - WHICH INCLUDES: THE TRANSFORMER, SPLICE KITS, AND LIGHT FIXTURE	58	EA
78	L-125-5.1f	REMOVAL OF TEMPORARY L-861T(L), LED ELEVATED TAXIWAY EDGE LIGHT	58	EA
79	L-125-5.1g	REMOVAL OF INSET RUNWAY EDGE LIGHT AND INSTALLING NEW L-861(L) ELEVATED RUNWAY EDGE LIGHT ON EXISTING CAN - WHICH INCLUDES: THE DISPOSAL OR STORAGE OF THE OLD FIXTURE, INSTALLATION OF THE NEW FIXTURE, NEW TRANSFORMERS, AND NEW SPACER RINGS	1	EA
80	L-125-5.1h	MODIFICATION OF EXISTING ALCMS SYSTEM	1	LS
81	L-125-5.1i	NEW 4-WAY CAN PLAZA INCLUDING GROUND ROD, SPLICE KITS, AND COVERS	13	EA
82	L-125-5.1j	NEW L-861T(L), LED ELEVATED TAXIWAY EDGE LIGHT - WHICH INCLUDES: THE BASE CAN, TRANSFORMER, SPLICE KITS, LIGHT FIXTURE, BASE CAN COVER, GROUND ROD, AND INSTALLATION IN GRASS	52	EA
83	L-125-5.1k	NEW 6-WAY CAN PLAZA INCLUDING GROUND ROD, SPLICE KITS, AND COVERS	1	EA
84	L-125-5.1l	STORE AND REINSTALL L-861(L), LED ELEVATED RUNWAY EDGE LIGHT - WHICH INCLUDES: THE BASE CAN, TRANSFORMER, SPLICE KITS, BASE CAN COVER, GROUND ROD, AND INSTALLATION	2	EA
85	L-125-5.1m	REMOVAL OF L-861(L), LED ELEVATED RUNWAY EDGE LIGHT, BASE, AND FOUNDATION	2	EA
86	L-125-5.1n	REMOVAL OF EXISTING EMPTY BASECAN	17	EA
87	0334-1-12*	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	60	TON
88	0285-706*	OPTIONAL BASE, BASE GROUP 06	600	SY
89	0160-4*	TYPE B STABILIZATION	690	SY
90	630-2-11*	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	25	LF
91	630-2-12*	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE – CCTV CAMERA	960	LF
92	630-2-14*	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	10	LF
93	633-1-122*	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS – CCTV CAMERA	5,560	LF
94	633-2-32*	FIBER OPTIC CONNECTION, INSTALL, TERMINATION – CCTV CAMERA	144	EA
95	633-3-14*	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT – CCTV CAMERA	6	EA
96	633-3-16*	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED – CCTV CAMERA	6	EA
97	633-3-17*	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL – CCTV CAMERA	12	EA
98	633-8-11*	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL, CAT 6 – CCTV CAMERA	700	LF
99	633-8-12*	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL, COMPOSITE	800	LF
100	635-2-11*	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	1	EA
101	635-2-12*	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE – CCTV CAMERA	7	EA
102	639-1-500*	ELECTRICAL POWER SERVICE, ADJUST/MODIFY	1	AS
103	639-2-1*	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	1,595	LF
104	639-3-11*	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	1	EA
105	639-6-111*	ELECTRICAL POWER SERVICE- TRANSFORMER, F&I, <5 KVA, SINGLE PHASE, COPPER WINDINGS	1	EA
106	641-2-11*	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	1	EA
107	676-2-131*	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 336, 24" W X 36" H X 20" D – CCTV CAMERA	3	EA
108	676-3-10*	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	2	EA
109	682-1-143*	ITS CCTV CAMERA, F&I, EXTERNAL POSITIONER PTZ- NON-PRESSURIZED, IP, HIGH DEFINITION – CCTV CAMERA	6	EA
110	684-1-1*	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL – CCTV CAMERA	4	EA
111	684-5-1*	MEDIA CONVERTER, FURNISH & INSTALL – CCTV CAMERA	2	EA
112	685-1-11*	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE – CCTV CAMERA	3	EA
113	685-2-1*	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL – CCTV CAMERA	3	EA
114	700-1-111*	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	4	EA
115	016000-11.1	COMPUTER EQUIPMENT AND MONITOR – CCTV CAMERA	1	EA
116	015710-5.1	MAINTENANCE OF AIRPORT LANDSIDE TRAFFIC	1	LS
117	630-2-11*	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	1,445	LF
118	630-2-14*	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	30	LF
119	639-2-1*	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	55	LF
120	639-3-11*	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	3	EA
121	639-6-111*	ELECTRICAL POWER SERVICE- TRANSFORMER, F&I, <5 KVA, SINGLE PHASE, COPPER WINDINGS	3	EA
122	641-2-11*	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	3	EA

* PAY ITEMS SPECIFICATION REFERENCE IS PER FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (FY 2025-26) AND ARE NOT INCLUDED IN THE CONTRACT DOCUMENTS TECHNICAL SPECIFICATIONS.

MARK	DESCRIPTION	DATE
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LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

SUMMARY OF QUANTITIES

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-005

FILENAME: C:\PWWORKING\EAST01\D312362611\03653816-G-002.DWG
PLOT DATE: 2025/09/09 AT 3:59 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

GENERAL NOTES:

1. ALL ELEVATIONS ARE BASED ON THE NATIONAL AMERICAN VERTICAL DATUM OF 1988.
2. ALL WORK TO BE DONE SHALL BE IN ACCORDANCE WITH MIAMI-DADE AVIATION DEPARTMENT AND FAA STANDARDS AND SPECIFICATIONS AND SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF ALL OTHER AGENCIES AND CODES MAINTAINING JURISDICTION. THE PROJECT IS SUBJECT TO INSPECTION BY REPRESENTATIVES OF MDAD, FAA AND OTHER AFFECTED AGENCIES.
3. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND A/E.
4. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT. PROVIDE JOINT MATERIALS AS REQUIRED.
5. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, AND UTILITIES WHICH MAY OR MAY NOT BE SHOWN ON PLANS. ANY EXISTING STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
6. THE LOCATION AND SIZE OF ALL EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE, ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION. CONFLICTS OF EXISTING UTILITIES WITH THE PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE ENGINEER AND THE OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
7. CONTRACTOR SHALL CONTACT FAA AND MDAD MAINTENANCE FOR UTILITY VERIFICATION AT LEAST SEVEN (7) DAYS PRIOR AND ALSO CALL THE SUNSHINE 811 AT 1 (800) 432-4770 AT LEAST 48 HOURS PRIOR TO PERFORMING ANY DIGGING AND VERIFY THE EXACT LOCATION OF EXISTING UTILITIES.
8. EXISTING TREES SHALL BE REMOVED ONLY IF REQUIRED FOR CONSTRUCTION. THOSE TREES NOT INTERFERING WITH CONSTRUCTION SHALL BE PROTECTED IN PLACE. THE CONTRACTOR IS ADVISED THAT A TREE PERMIT MAY BE REQUIRED FOR TREE REMOVAL. COORDINATION IS REQUIRED WITH THE HDR LANDSCAPE ARCHITECT.
9. THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS LISTED IN DRAINAGE, PAVEMENT, LIGHTING SPECIFICATIONS TO WHICH THIS PROJECT IS IN CONFORMANCE WITH.
10. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES OPEN, UNCOVERED OR EXPOSED AT THE END OF THE WORKING DAY, WEEKENDS, HOLIDAYS OR OTHER TIMES WHEN THE CONTRACTOR IS NOT WORKING. UNLESS OTHERWISE DETERMINED AND APPROVED BY THE OWNER, ALL TRENCHES SHALL BE COVERED AND FIRMLY SECURED.
11. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AIRPORT FACILITIES AT ALL TIMES.
12. ALL EXCESS EXCAVATED MATERIAL FROM THIS PROJECT SHALL BE PROPERLY DISPOSED OF OFFSITE BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. MATERIAL CAN ONLY BE STOCKPILED TEMPORARILY.
13. CAST IRON PRODUCTS: PER MIAMI-DADE AVIATION DEPARTMENT AND FAA STANDARDS AND SPECIFICATIONS.
14. STEEL GRATING AND COVERS: PER MIAMI-DADE AVIATION DEPARTMENT AND FAA STANDARDS AND SPECIFICATIONS.
15. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED TO MATCH EXISTING.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH SPECIFICATIONS OUTLINED IN FEDERAL AVIATION ADMINISTRATION (FAA) IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR THE RESETTING OF ALL TRAFFIC CONTROL AND INFORMATIONAL SIGNING REMOVED DURING CONSTRUCTION PERIOD.
17. EXCAVATED OR OTHER MATERIAL STORED ADJACENT TO OR PARTIALLY UPON A ROADWAY, RUNWAY AND TAXIWAY PAVEMENT SHALL BE ADEQUATELY MARKED FOR TRAFFIC SAFETY AT ALL TIMES.
18. TEMPORARY PATCH MATERIAL MUST BE ON THE JOB SITE WHENEVER PAVEMENT IS CUT, OR THE INSPECTOR MAY SHUT THE JOB DOWN.
19. SURFACE RESTORATION, PAVEMENT REPLACEMENT, BACKFILLING AND COMPACTING SHALL COMPLY WITH THESE PLANS, FAA AND MDAD SPECIFICATIONS.
20. PROPOSED GRADES SHOWN ON PLAN ARE FINISHED GRADES AT TOP OF SOD MAT.
21. HAND EXCAVATION SHALL BE PERFORMED TO LOCATE ALL CRITICAL ACTIVE EXISTING UTILITIES.
22. PROPOSED ELEVATIONS SHOWN AT CATCH BASINS AND MANHOLES REFER TO RIM ELEVATION AT THE CENTER OF THE RESPECTIVE STRUCTURES.
23. ANY SURVEY MONUMENTS WITHIN THE LIMITS OF THE PROJECT ARE TO BE PROTECTED.
24. ACCURATE CONSTRUCTION AS BUILT ARE REQUIRED FOR THE PROPOSED UTILITY SERVICES. THE CONTRACTOR MUST ENSURE THAT PRECISE RECORDS ARE TAKEN PRIOR TO BACK FILLING OVER UTILITY TRENCHES.
25. WRITTEN DIMENSIONS INDICATED ON THESE PLANS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE PLANS EXCEPT AFTER PRIOR AUTHORIZATION BY OWNER AND A/E.
26. CONTRACTOR MUST VERIFY AND SHALL BE RESPONSIBLE FOR ANY CONDITIONS ON THE JOB. THE OWNER AND A/E MUST BE NOTIFIED BEFORE PROCEEDING WITH THE WORK OF ANY DISCREPANCIES IN THE CONTRACT DOCUMENTS AND CONDITIONS SHOWN ON DRAWINGS AND/OR OBVIOUS ERRORS.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF ALL EXISTING UTILITIES STRUCTURES TOP(S) IN THE AREA OF NEW CONSTRUCTION.
28. EXCESS EXCAVATED BACKFILL MATERIAL STOCKPILED AT TMB WILL BE USED AS FILL MATERIAL PROVIDED THE GEOTECHNICAL ANALYSIS SHOWS ADEQUACY. IN THE EVENT EXCESS EXCAVATED MATERIAL IS NOT ADEQUATE, CONTRACTOR TO SUBMIT QUANTITIES OF OFF SITE BORROWED SOIL TO MDAD AND ENGINEER FOR APPROVAL PRIOR TO PLACEMENT. (REFER ALSO TO NOTE 22). SOIL REUSE/TRANSPORTATION OFF-SITE TMB OR WITHIN TMB AT ANOTHER LOCATION IS SUBJECT TO DERM APPROVAL. SOIL TAKEN OFF-SITE (TMB) MUST BE PROVEN TO MEET DERM'S CLEAN SOIL CRITERIA REVISED MAY 12, 2003 AS PER THE SOIL REUSE GUIDELINES DATED MAY 12, 2003. IF APPLICABLE, PLEASE SUBMIT A REQUEST IN WRITING TO RELOCATE AND REUSE THESE SOILS DIRECTLY TO BECKY VARLEY (BECKY.VARLEY@MIAMIDADE.GOV) WITH THE SAMPLE DATA AND PROPOSED LOCATION OF REUSE. SEE ENVIRONMENTAL NOTES FOR MORE INFORMATION.
29. CONTRACTOR TO RESTORE TO ITS ORIGINAL CONDITION AT NO EXTRA COST THE SERVICE ROAD(S) USED FOR ACCESS UPON COMPLETION.
30. DEWATERING OF GROUND WATER AT THE TMB AIRPORT IS STRICTLY PROHIBITED, UNLESS APPROVAL AND APPROPRIATE SITE-SPECIFIC DEWATERING PERMITS ARE OBTAINED FROM THE GOVERNING AGENCIES.
31. THE CONTRACTOR SHALL REFER TO THE MDAD STANDARD OPERATING PROCEDURE FOR OBTAINING A SITE SPECIFIC DEWATERING PERMIT MANUAL.
32. ACCESS GATES TO JOB SITE MUST REMAIN CLOSED AND LOCKED AT ALL TIMES UNLESS STAFFED BY COMPETENT PERSONNEL LIMITING ACCESS TO AUTHORIZED PERSONNEL ONLY.
33. CONTRACTOR TO ENSURE THROUGH DOCUMENTATIONS, EXHIBITS AND SIGNAGE THAT DIRECT EMPLOYED AND CONTRACTED PERSONNEL AND VEHICLE OPERATOR ARE AWARE OF CONSTRUCTION SITE LIMITS AND TO STAY AWAY FROM ADJACENT AIRCRAFT OPERATING PAVEMENTS ON RUNWAY 9R-27L AND TAXIWAYS.
34. THE AIRPORT WILL BE IN OPERATION DURING THE CONSTRUCTION OF THIS PROJECT. COORDINATION OF WORK WITH TMB AIRPORT OPERATIONS IS MANDATORY SO AS TO MINIMIZE IMPACTS ON AIRPORT OPERATIONS. OPERATION OF THE AIRPORT IS OF THE UPPER MOST IMPORTANCE. WHEN THERE IS A CONFLICT BETWEEN OPERATION OF THE AIRPORT AND CONSTRUCTION,OPERATION OF THE AIRPORT WILL HAVE PRIORITY.
35. MDAD RESERVES THE RIGHT TO CONTRACT FOR AND PERFORM OTHER WORK ON OR NEAR THE WORK COVERED BY THIS CONTRACT. WHEN SEPARATE CONTRACTS ARE LET WITHIN THE WORK LIMITS OF ANY ONE PROJECT, EACH CONTRACTOR SHALL CONDUCT THEIR OWN WORK SO AS NOT TO INTERFERE OR HINDER THE PROGRESS OF ANY OTHER CONTRACTOR COOPERATION AND COMMUNICATION BETWEEN ALL THE CONTRACTORS INVOLVED WILL BE NECESSARY.
36. THE CONTRACTORS SHALL ARRANGE THEIR WORK AND SHALL PLACE AND DISPOSE OF THE MATERIALS BEING USED SO AS NOT TO INTERFERE WITH THE OPERATIONS OF OTHER CONTRACTORS WORKING WITHIN THE PROJECT AREA. ALL CONTRACTORS SHALL COORDINATE THEIR WORK WITH THE OTHER CONTRACTORS IN AN ACCEPTABLE MANNER AND SHALL PERFORM THE WORK IN PROPER SEQUENCE.
37. THE CONTRACTORS SHALL GIVE CONSTANT ATTENTION TO THE WORK TO FACILITATE THE PROGRESS THEREOF, AND THEY SHALL COOPERATE WITH THE MDAD CONSTRUCTION ADMINISTRATION INSPECTOR, AIRPORT PERSONNEL AND WITH OTHER CONTRACTORS IN EVERY WAY POSSIBLE.
38. EACH CONTRACTOR INVOLVED SHALL ASSUME ALL LIABILITY, FINANCIAL OR OTHERWISE, IN CONNECTION WITH THEIR CONTRACT AND SHALL PROTECT AND SAVE HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL DAMAGES OR CLAIMS THAT MAY ARISE BECAUSE OF INCONVENIENCES, DELAYS, OR LOSS EXPERIENCED BY THEM BECAUSE OF THE PRESENCE AND OPERATIONS OF OTHER CONTRACTORS WORKING WITHIN THE LIMITS OF THIS PROJECT.
39. MDAD RESERVES THE RIGHT TO REQUEST SUBMISSION BY THE CONTRACTOR IN WRITING OF THE QUALIFICATIONS AND EXPERIENCE OF THE PERSON IDENTIFIED BY THE CONTRACTOR AS THEIR SUPERINTENDENT OR PERSON IN RESPONSIBLE CHARGE OF THE WORK. MDAD FURTHER RESERVES THE RIGHT TO DEMAND THE IMMEDIATE REPLACEMENT OF ANY CONTRACTOR'S SUPERINTENDENT DEEMED NOT TO HAVE ADEQUATE QUALIFICATIONS AND/OR EXPERIENCE TO SUCCESSFULLY RUN THIS PROJECT IN A MANNER ACCEPTABLE TO MDAD.
40. EXISTING AND PROPOSED GRADES: EXISTING GRADES SHOWN ON THE DRAWINGS ARE BELIEVED TO BE ACCURATE, BUT MDAD ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THESE GRADES. IF THE CONTRACTOR DOES NOT CONCUR WITH THE ELEVATIONS GIVEN ON THE DRAWINGS, HE SHALL NOTIFY THE ENGINEER IN WRITING PRIOR TO INITIATING ANY CONSTRUCTION ACTIVITIES. START OF WORK BY THE CONTRACTOR WITHOUT SUCH NOTIFICATION WILL BE INTERPRETED AS AN AGREEMENT BY THE CONTRACTOR WITH THE ACCURACY OF THE GRADE SHOWN ON THE PLANS.
41. ACCESS TO THE SITE: THE CONTRACTOR'S ACCESS POINT TO THE SITE SHALL BE AS SHOWN ON THE CONSTRUCTION PHASING PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL VEHICLES AND PERSONNEL WHO ENTER THROUGH THE GATES. THE GATES SHALL BE LOCKED AT ALL TIMES EXCEPT WHEN AN AUTHORIZED VEHICLE IS PERMITTED TO PASS THROUGH.
42. PERMITS: THE CONTRACTOR MUST OBTAIN APPROPRIATE PERMITS FROM THE PROPER GOVERNMENT AGENCIES FOR ACCESS TO, AND TO USE THEIR ROAD FOR DELIVERY OF MATERIALS AND EQUIPMENT TO THE SITE. ANY DAMAGE TO OFF-SITE OR ON-SITE ROADS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
43. COORDINATION: THE FAA MAY BE WORKING IN / NEAR THE PROJECT AREA DURING CONSTRUCTION. CONTRACTOR SHALL COOPERATE AND NOT INTERFERE WITH THE FAA OR THEIR CONTRACTORS. PROJECT WORK WITHIN THE ILS CRITICAL AREAS OR RUNWAY SAFETY AREA MAY BE SUSPENDED FOR NAVAID TESTING OR FLIGHT CHECK OPERATIONS WITH NO ADDITIONAL COMPENSATION.
44. HAUL ROUTES: APPROXIMATE LOCATION OF HAUL ROUTES ON THE AIRPORT SITE IS SHOWN ON THE CONSTRUCTION PHASING PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE OFF-SITE HAUL ROUTES (STATES HIGHWAYS, COUNTY ROADS OR CITY STREETS) WITH THE APPROPRIATE OWNER WHO HAS JURISDICTION OVER THE AFFECTED ROUTE. ON-SITE ROADS USED AS HAUL ROUTES SHALL BE MAINTAINED BY THE CONTRACTOR AND SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE TO THEIR ORIGINAL CONDITION UPON COMPLETION OF BEING USED AS A HAUL ROUTE. THE BEFORE AND AFTER CONDITION OF ON-SITE HAUL ROUTES SHALL BE JOINTLY INSPECTED AND DETERMINED BY THE CONTRACTOR AND MDAD CONSTRUCTION ADMINISTRATION REPRESENTATIVE. THE AIRPORT SHALL DOCUMENT ALL ON-SITE HAUL ROUTES PRIOR TO COMMENCEMENT OF CONSTRUCTION AS A MEANS TO RECORD THE PRECONSTRUCTION CONDITION OF THE HAUL ROUTES, FENCING, DRAINAGE, GRADING, AND OTHER MISCELLANEOUS ITEMS. CONSTRUCTION REQUIRED TO CONSTRUCT TEMPORARY HAUL ROUTES OR ACCESS POINTS ON THE AIRPORT WILL BE THE CONTRACTOR'S TOTAL RESPONSIBILITY AND SHALL BE APPROVED BY THE MDAD CONSTRUCTION ADMINISTRATION REPRESENTATIVE PRIOR TO THE WORK. ALL ON-SITE ACCESS ROADS TO THE AIRPORT FACILITIES SHALL REMAIN OPEN AND MAINTAINED AT ALL TIMES. ALL UNPAVED HAUL ROUTES SHALL BE MAINTAINED DRY WEATHER TO MINIMIZE DUST. DURING WET WEATHER, HAUL ROUTES SHALL BE MAINTAINED IN A DRAINED CONDITION, AND PAVED SURFACES SHALL BE KEPT FREE OF MUD AND DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL MAINTAIN A SWEEP-VACTOR, OR TMB AIRPORT OPERATIONS APPROVED EQUIPMENT, AS NECESSARY TO ENSURE THAT ALL EXISTING PAVED AREAS ARE ACCEPTABLE FOR USE BY AIRCRAFT AND AIRPORT VEHICLES AT ALL TIMES. ALL HAUL ROUTES MUST BE KEPT FREE OF ALL MUD AND DEBRIS. THE CONTRACTOR SHALL SWEEP ROADS WHEN NECESSARY AND WHEN DIRECED BY THE MDAD CONSTRUCTION ADMINISTRATION REPRESENTATIVE OR OTHER MDAD PERSONNEL.
45. MOBILIZATION/STAGING AREA: AREAS WILL BE MADE AVAILABLE FOR CONTRACTOR'S MOBILIZATION AND STORAGE AS SHOWN ON THE PHASING PLANS. THE BEFORE AND AFTER CONDITION OF THIS AREA SHALL BE JOINTLY INSPECTED BY THE CONTRACTOR AND MDAD CONSTRUCTION ADMINISTRATION REPRESENTATIVE. THE STAGING AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITIONS, UPON COMPLETION OF THE PROJECT. MDAD SHALL DOCUMENT THE AREAS PRIOR TO USE BY THE CONTRACTOR TO RECORD THE PRECONSTRUCTION CONDITION. RESTORATION OF THE WEST STAGING AREA SHALL BE AT THE CONTRACTOR'S EXPENSE. ON SITE EMPLOYEE PARKING SHALL BE PERMITTED IN THE DESIGNATED PARKING AREA ONLY.
46. VEHICLES: NO PRIVATE VEHICLES ARE ALLOWED ON ANY MDAD AIRPORT OPERATIONS AREAS. ALL VEHICLES, EXCEPT FOR THOSE UNDER CONTINUOUS ESCORT AND CONSTRUCTION VEHICLES MUST DISPLAY A DECAL OR SIGN WITH THE AGENCY NAME AND/OR LOGO IN CONTRASTING COLORS, ON BOTH SIDES OF THE VEHICLE THAT IS READABLE AT A DISTANCE OF NO LESS THAN 250 FT. NOTE: CONSTRUCTION VEHICLES ARE DEFINED AS THOSE VEHICLES THAT ARE NOT ELIGIBLE FOR REGISTRATION TO OPERATE ON PUBLIC ROADWAYS.
47. SAFETY: THE CONTRACTOR SHALL CONDUCT HIS ACTIVITIES IN A SAFE MANNER AS SPECIFIED IN THE "CONTRACTOR'S SAFETY REQUIREMENTS" SECTION INCLUDED IN THIS DOCUMENT, AND IN ACCORDANCE WITH FEDERAL AVIATION ADMINISTRATION (FAA) ADVISORY CIRCULAR 150/5370 (LATEST EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION."
48. PROTECTION AND REPAIR OF DAMAGE TO EXISTING CABLES: THE LOCATION OF THE UNDERGROUND UTILITIES AND FAA CABLES SHOWN ON THE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS AND FIELD CHECKS AND ARE BELIEVED TO BE CORRECT. NO GUARANTEE IS MADE AS TO THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL LOCATE AND IDENTIFY ALL UNDERGROUND UTILITIES IN THE WORK AREA PRIOR TO CONSTRUCTION. ANY UNDERGROUND UTILITIES LOCATED WHICH DO NOT APPEAR ON THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE MDAD CONSTRUCTION ADMINISTRATION REPRESENTATIVE. REPAIR OF DAMAGED CABLE MUST BE STARTED IMMEDIATELY AND CONTINUED UNTIL COMPLETED. ALL SUCH REPAIRS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS, OR AS DIRECTED BY THE OWNER OF HE CABLE , AND SHALL BE AT THE CONTRACTOR'S EXPENSE. IF FAA CABLES ARE DAMAGED, REPAIRS SHALL BE DONE FROM POINT TO POINT IN ACCORDANCE WITH FAA REQUIREMENTS AND IN THE PRESENCE OF A FAA REPRESENTATIVE. THE OWNER MAY ELECT TO HAVE THE REPAIR PERFORMED BY OTHERS IN WHICH CASE THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING THE INCURRED COST OF REPAIRS.
49. CONSTRUCTION LIMITS: ALL CONTRACTOR VEHICLES AND TRAFFIC (UNLESS OTHERWISE AUTHORIZED) SHALL REMAIN WITHIN THE DESIGNATED CONSTRUCTION LIMITS OR HAUL ROUTES.
50. COORDINATION MEETINGS: MDAD WILL CONDUCT WEEKLY COORDINATION MEETINGS TO DISCUSS WORK AREAS, SCHEDULING SAFETY, ETC. WITH THE CONTRACTOR(S). ENGINEER, AIRPORT OPERATIONS, FAA AND OTHER APPROPRIATE OFFICIALS. MINUTES FROM THE WEEKLY MEETINGS WILL BE PREPARED BY THE ENGINEERING REPRESENTATIVE, DISTURBED TO ALL ATTENDEES, AND KEPT ON FILE AT THE FIELD OFFICE AND THE MDAD ADMINISTRATION OFFICES.
51. UTILITIES: THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING PRIOR NOTIFICATION OF HIS CONSTRUCTION ACTIVITIES TO ALL UTILITY COMPANIES WHO MIGHT BE AFFECTED. THE CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS FOR UTILITY LINE STAKING AT LEAST 48 HOURS IN ADVANCE OF STARTING THE WORK. CONSTRUCTION SHALL NOT PROCEED WITHOUT PRIOR IDENTIFICATION AND LOCATION OF UTILITIES. SEE NOTES 6 & 7 FOR MORE UTILITY NOTES.
52. WAGE RATES: WAGE RATES SHALL BE POSTED OUTSIDE THE SITE FIELD OFFICE(S) IN A WEATHERPROOF ENCLOSURE.
53. CELLULAR TELEPHONES: THE CONTRACTOR SHALL FURNISH CELLULAR TELEPHONES TO THE CONTRACTOR'S SUPERINTENDENT, AND ANY GATE GUARDS, ESCORTS OR OTHER SECURITY PERSONNEL (IF APPLICABLE). THE TELEPHONES SHALL BE USED TO FACILITATE COMMUNICATION BETWEEN THE CONTRACTOR AND TMB AIRPORT OPERATIONS. THE CELLULAR TELEPHONES WILL REMAIN THE PROPERTY OF THE CONTRACTOR. COST FOR THE CELLULAR TELEPHONES SHALL BE INCLUDED IN THE VARIOUS CONSTRUCTION ITEMS.
54. THE CONTRACTOR SHALL COMPLY WITH THE APPROVED STORMWATER POLLUTION PREVENTION PLAN (SWPPP). ANY MODIFICATIONS TO THIS PLAN SHALL COMPLY WITH THE REQUIREMENTS SET FORTH BY NPDES AND ARE SUBJECT TO APPROVAL BY MDAD.

ENVIRONMENTAL NOTES:

1. ALL HAZARDOUS AND NON-HAZARDOUS WASTE MUST BE REMOVED BY THE CONTRACTOR FROM THE SITE OF THE PROJECT AND DISPOSE IT PROPERLY UPON THE COMPLETION OF THE PROJECT.
2. IN THE EVENT THAT CONTAMINATED SOILS AND/OR GROUNDWATER ARE ENCOUNTERED DURING THE CONSTRUCTION ACTIVITIES. MDAD SPECIFICATION P-160 (LATEST VERSION) SHOULD BE IMPLEMENTED IMMEDIATELY BY THE CONTRACTOR.
3. REMOVED ASPHALT INCLUDING MILLINGS SHALL BE HAULED OFFSITE IMMEDIATELY AND SHALL NOT BE STOCKPILED ON AIRPORT PROPERTY DURING CONSTRUCTION.
4. IF ANY MONITORING WELLS ARE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES THAT WERE NOT PREVIOUSLY IDENTIFIED IN THE ORIGINAL CONSTRUCTION PLANS FOR THIS FACILITY, PLEASE INFORM MDAD ENVIRONMENTAL ENGINEERING TO DETERMINE WHAT STEPS WILL NEED TO BE FOLLOWED.
5. BURROWING OWL NESTS- ANY ACTIVE NESTS ENCOUNTERED ALONG THE PATH OF CONSTRUCTION DURING THE BREEDING SEASON (FEBRUARY - JULY) CANNOT BE DISTURBED AND A MINIMUM 50' CIRCULAR BUFFER ZONE AROUND THE BURROW MUST BE CORDONED OFF.
   - 5.1. THE OFFICIAL NESTING SEASON FOR THE FLORIDA BURROWING OWL IS FEBRUARY 15 TO JULY 10, THOUGH OWLS CAN NEST ANY TIME OF YEAR IN THIS REGION. CONTRACTOR SHALL ESTABLISH A PROTECTIVE BUFFER PER THE DETAIL PROVIDED IN THE CONTRACT DOCUMENTS AT THE BUFFER RADIUS AFTER A POTENTIALLY OCCUPIED BURROW IS IDENTIFIED.
   - 5.2. IF A POTENTIALLY OCCUPIED BURROW IS IDENTIFIED DURING THE OFFICIAL NESTING SEASON, THE PROTECTIVE BUFFER SHALL BE INSTALLED AT A 35-FT RADIUS AROUND THE BURROW PRIOR TO SCOPING.
   - 5.3. IF A POTENTIALLY OCCUPIED BURROW IS IDENTIFIED OUTSIDE OF THE OFFICIAL NESTING SEASON, THE PROTECTIVE BUFFER SHALL BE INSTALLED AT A 10-FT RADIUS AROUND THE BURROW PRIOR TO SCOPING.
   - 5.4. CONTRACTOR SHALL THEN PROVIDE AN AGENT MEETING FWC MINIMUM QUALIFICATIONS TO SCOPE THE BURROW PRIOR TO CONTRACTOR COMMENCING WORK IN THE BUFFERED RADIUS. AFTER SCOPING, IF THE BURROW IS DETERMINED TO BE UNOCCUPIED, THE PROTECTIVE BUFFER MAY BE REMOVED.
   - 5.5. AFTER SCOPING, IF A BURROW IS DEEMED TO BE OCCUPIED THE PROTECTIVE BUFFER SHALL BE INSTALLED AT A 35-FT RADIUS AROUND THE BURROW REGARDLESS OF THE SEASON.
6. WHEN THE NEW O/W SEPARATOR IS INSTALLED, IT MUST BE PROPERLY CONNECTED TO THE DRAINAGE SYSTEM AND FULLY OPERATIONAL UPON COMPLETION OF THE PROJECT.
7. ALL UTILITIES INSTALLATION FOR THIS PROJECT SHOULD BE PERFORMED IN THE WET.
8. REGARDING SOIL EXCAVATED FOR ANY REASON AT THE SITE THAT DOES NOT APPEAR TO BE CONTAMINATED, IT MAY BE REUSED WITHIN THE PROJECT AS LONG AS IT IS FREE FROM ANY DEMOLISHED ASPHALT FRAGMENTS AND MAY ONLY BE PLACED ABOVE THE OCTOBER HIGH WATER TABLE. HOWEVER, BEFORE ANY SOIL (INCLUDING TOPSOIL) CAN BE TAKEN OFF SITE, EXCESS SOILS NOT NEEDED FOR REUSE ON-SITE SHALL BE HANDLED AS FOLLOWS:
   - 8.1. EXCESS SOIL NOT REUSED WITHIN THE PROJECT SHALL BE STOCKPILED PURSUANT TO MDAD SPECIFICATION P-160 ON VISQUEEN AND COVERED AND BERMED PENDING SAMPLE RESULTS
   - 8.2. THE SOILS SHALL BE SAMPLED FOR AS, CD, CR, PB, 8260 (INCLUDING ISOPROPYL BENZENE), PAH'S, AND FL-PRO. THE SOIL STOCKPILES SHALL BE SAMPLED BASED ON VOLUME (<200 CY = 1 COMPOSITE SAMPLE, 200-1000 CY = 3 SAMPLES, 1000 - 2000 = 5 SAMPLES, EACH ADDITIONAL 1000 CY = 1 SAMPLE). CONTACT BECKY VARLEY, DERM (BECKY.VARLEY@MIAMIDADE.GOV) PRIOR TO SAMPLING FOR GUIDANCE ON COLLECTION OF COMPOSITE SAMPLES AND THE SUBMITTAL OF THE RESULTS.
   - 8.3. SOIL SHALL NOT BE ADDED OR REMOVED FROM A STOCKPILE ONCE IT HAS BEEN SAMPLED UNTIL THE RESULTS ARE REVIEWED BY DERM. PLEASE ARCHIVE THE LABORATORY SAMPLES AND SUBMIT RESULTS IN A TIMELY MANNER IN CASE SPLP ANALYSES ARE REQUIRED.
   - 8.4. DEPENDING ON RESULTS, SOIL REUSE MAY BE ALLOWABLE. A REUSE DETERMINATION MUST BE PROVIDED BY DERM (BECKY.VARLEY@MIAMIDADE.GOV) PRIOR TO SOIL BEING RELOCATED EITHER OFF-SITE TMB OR ON SITE TMB.
9. IF SOLID WASTE, UNDERGROUND STRUCTURES LIKE OIL/WATER SEPARATORS, UNDERGROUND FUEL TANKS, GROSSLY CONTAMINATED SOIL (COLORS, STAINING, ETC.) OR CONTAMINATED GROUNDWATER (ODORS, SHEEN, GLOBULES OR FREE-FLOATING PRODUCT) ARE DISCOVERED DURING EXCAVATION AND/OR DEWATERING, DERM (AIRPORTS & CONTRACTS 305-372-6885) AND MDAD MUST BE NOTIFIED IMMEDIATELY. AT THAT TIME, CONTAMINATED SOIL AND GROUNDWATER SHOULD BE HANDLED AS PER MDAD SPEC. P-160 (MUST BE INCLUDED IN SPECIFICATIONS). FURTHERMORE, FREE FLOATING PRODUCT AND SOIL SATURATED WITH PRODUCT SHOULD BE REMOVED PRIOR TO BACKFILLING, PROPERLY DISPOSED (CLASS 1 LINED LANDFILL OR THERMAL TREATMENT FACILITY). SOIL SHOULD BE STOCKPILED ON AN IMPERVIOUS SURFACE, COVERED WITH VISQUEEN, BERMED, SAMPLED AND DISPOSED. MANIFESTS SHOULD BE PROVIDED FOR THE FREE PRODUCT AND SOIL DISPOSAL.
10. SOILS IMPORTED FOR BACKFILL MUST BE FROM A MIAMI-DADE QUARRY OR OTHERWISE PROVEN TO MEET THE DERM CLEAN SOIL CRITERIA (PROVIDE DOCUMENTATION FOR REVIEW TO DERM BEFORE IMPORTING).

MIAMI-DADE AVIATION

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

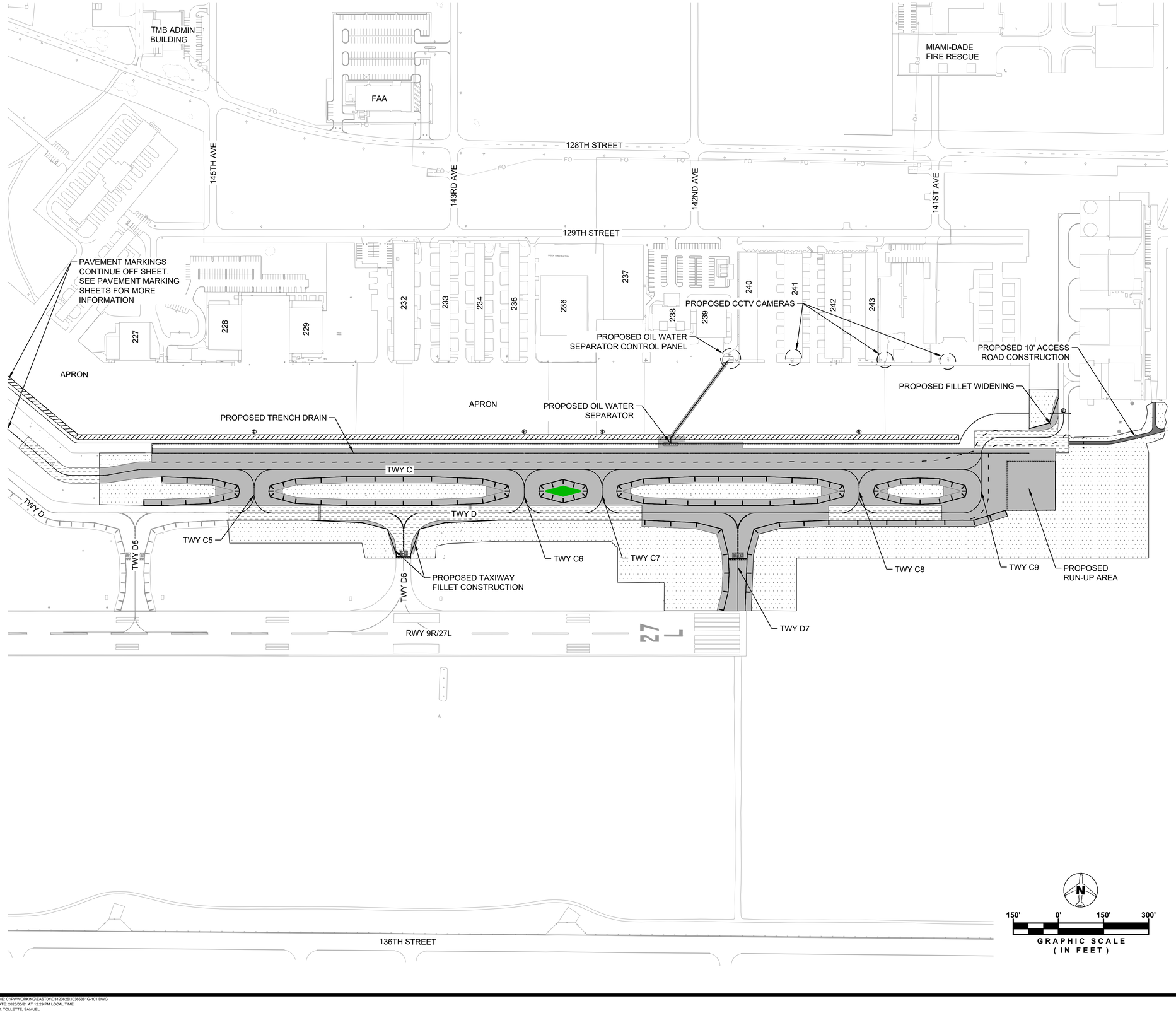
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

GENERAL NOTES, LEGEND, AND ABBREVIATIONS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-006

FILENAME: C:\PWWORKING\EAST01\D312362810365381G-006.DWG
PLOT DATE: 2025/05/21 AT 12:28 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROPOSED SOD
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED ROAD PAVEMENT CONSTRUCTION
- 4" OVERLAY OVER SCARIFIED AND RECOMPACTED LIMEROCK
- PROPOSED NO-TAXI ISLAND MARKING

NOTES

1. FOR ADDITIONAL INFORMATION ON DEMOLITION LIMITS REFER TO SHEETS C-200 TO C-206
2. FOR ADDITIONAL INFORMATION ON PROPOSED GEOMETRY REFER TO SHEETS C-301 TO C-305
3. FOR ADDITIONAL INFORMATION ON PAVEMENT MARKINGS REFER TO SHEETS C-800 TO C-806

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

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P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

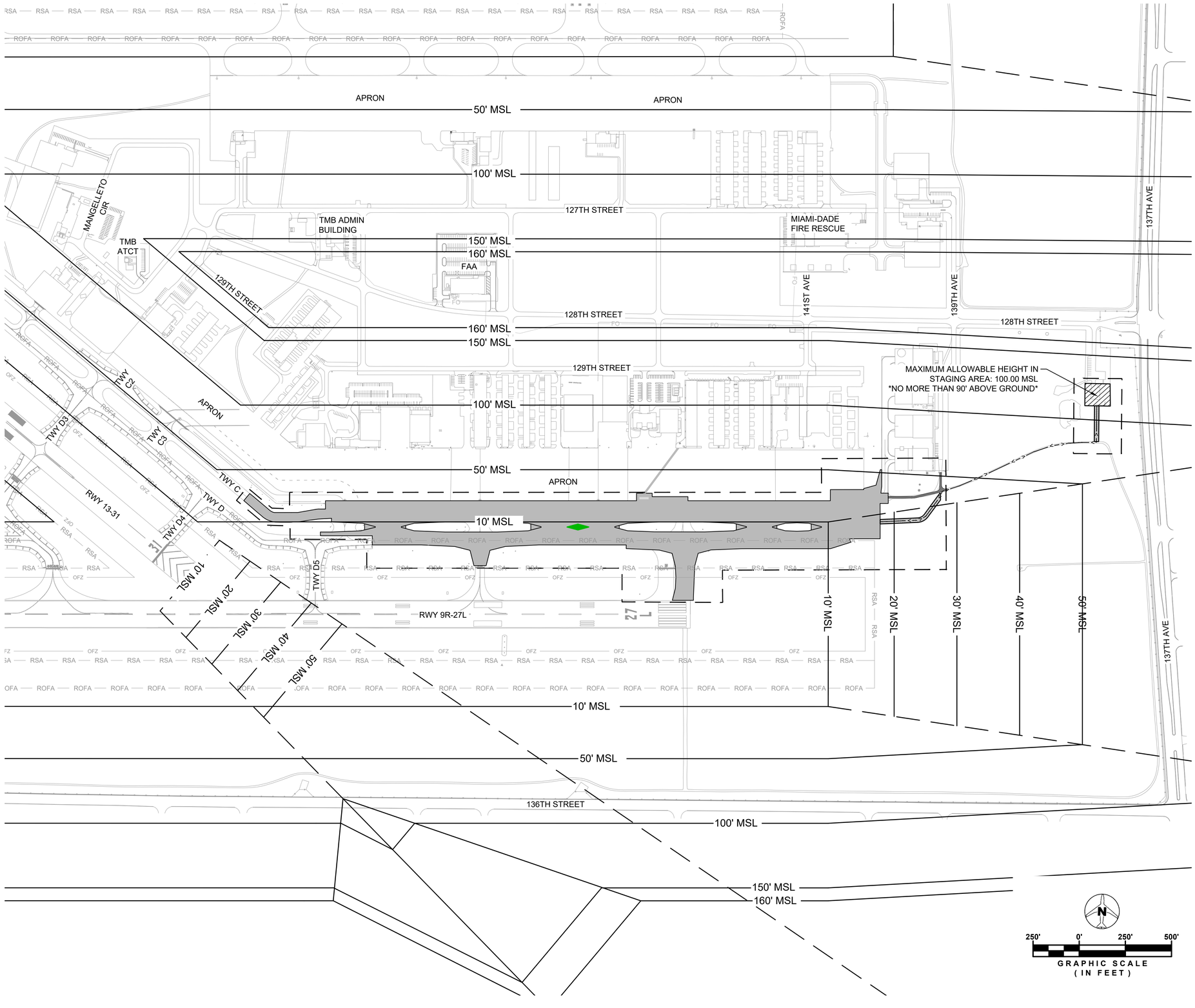
HDR ENGINEERING, INC.
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DORAL, FL 33166
(305) 728-7452

PROJECT AREA PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-101

FILENAME: C:\PWWORKING\EAST01\D312362810365381\G-101.DWG
PLOT DATE: 2025/05/21 AT 12:29 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROJECT LIMITS
- PROPOSED PAVEMENT CONSTRUCTION
- CONTRACTOR STAGING AND STORAGE AREA
- PROPOSED ROAD PAVEMENT
- TEMPORARY ACCESS ROAD (DETAIL 3 ON SHEET G-502)
- RSA — RUNWAY SAFETY AREA
- ROFA — RUNWAY OBJECT FREE AREA
- OFZ — RUNWAY OBSTACLE FREE ZONE
- HAUL ROUTE

NOTES

1. WIDTHS ARE CENTERED ON CENTERLINE. WITH THE EXCEPTION OF INTERSECTIONS AND FILLETS WHERE LIMIT IS OFFSET FROM PAVEMENT EDGE IN ACCORDANCE WITH AC 150/5300-13B.
2. MEAN SEA LEVEL (MSL) IS AN AVERAGE LEVEL OF SURFACE OF ONE OR MORE OF EARTH'S BODIES OF WATER FROM WHICH HEIGHTS SUCH AS ELEVATION CAN BE MEASURED. THE CONTOURS SHOWN GIVE THE MAXIMUM ELEVATION ABOVE MSL ALLOWED FOR STRUCTURES
3. IN NO EVENT SHALL CONSTRUCTION EQUIPMENT PENETRATE THE ELEVATION LIMITS SHOWN ON THIS SHEET WITHOUT SPECIFIC AUTHORIZATION IN WRITING FROM MDAD AND/OR FAA.
4. THE MAXIMUM ALLOWABLE HEIGHT OF CONSTRUCTION EQUIPMENT OPERATING IN THE AOA IS GOVERNED BY FAA ADVISORY CIRCULAR AC-150-5370-2G, CURRENT EDITION AND MDAD OPERATIONS. WHEN EQUIPMENT IS EXPECTED TO PENETRATE THE RUNWAY PART 77-IMAGINARY SURFACE (DEFINED BY THE CONTOURS ON THIS SHEET) OR WHEN CRANES WILL BE USED ON SITE, THE CONTRACTOR SHALL SUBMIT A COMPLETED FAA FORM 7460-1 TO MDAD AT LEAST SIXTY (60) DAYS PRIOR TO THE START OF CONSTRUCTION. MDAD WILL COORDINATE THE SUBMITTAL OF FAA FORM 7460-1 TO THE FAA REGIONAL OFFICE. PERMISSION TO USE CRANES SHALL BE ISSUED BY MDAD AIRSIDE OPERATIONS AFTER APPROVAL BY THE FAA. BOOMS SHALL BE LOWERED AND LIGHTED WITH 360 DEGREE OBSTRUCTION LIGHT AT NIGHT.

MARK	DESCRIPTION	DATE

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: W. BOWDOIN	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
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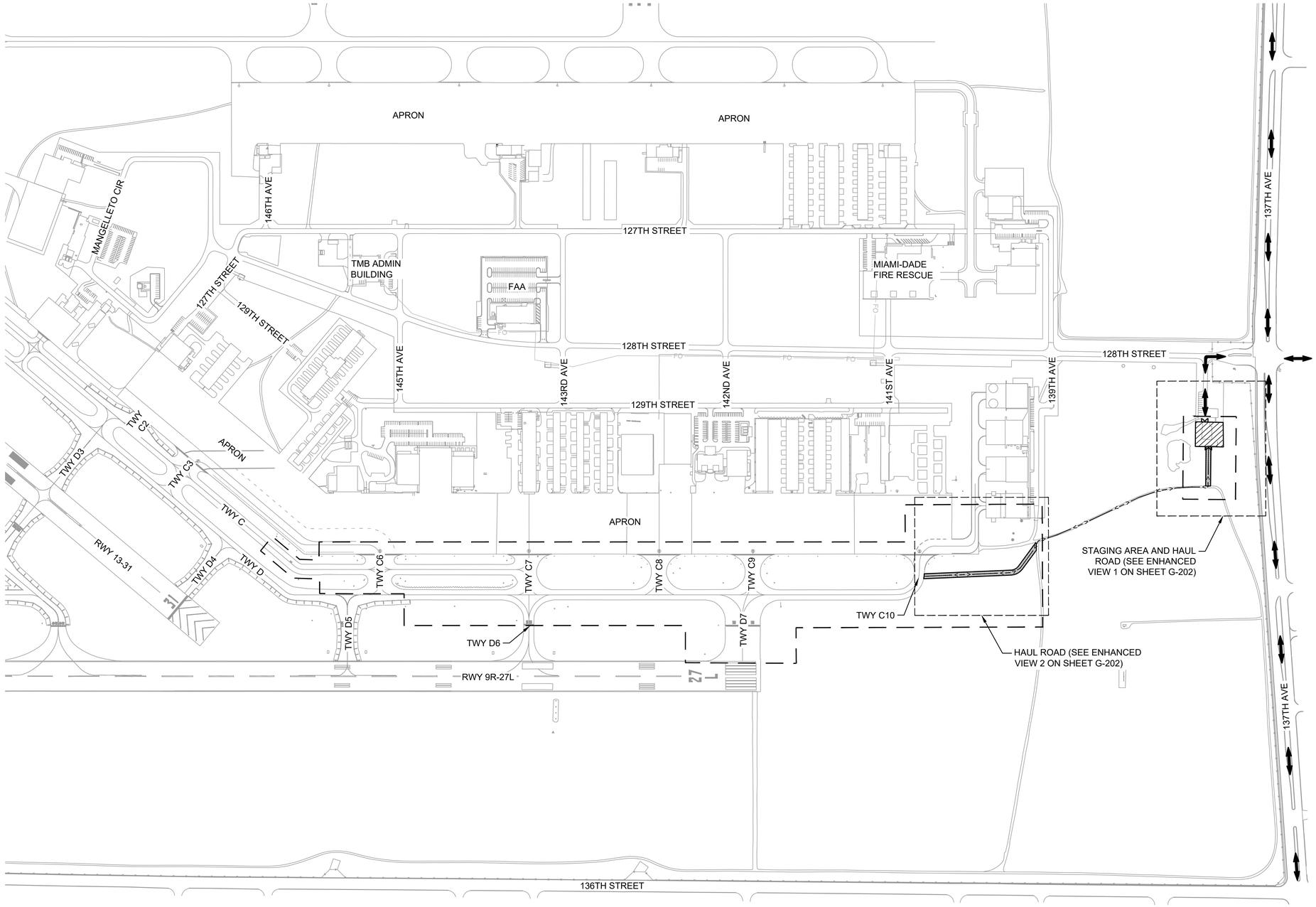
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 200
DORAL, FL 33166
(305) 728-7452

HEIGHT RESTRICTION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-102

FILENAME: C:\PW\WORKING\EAST01\D312362B\103653B1G-102.DWG
PLOT DATE: 2025/05/21 AT 12:29 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROJECT LIMITS
- CONTRACTOR STAGING AND STORAGE AREA (SEE GENERAL NOTE 1)
- TEMPORARY ACCESS ROAD (DETAIL 3 ON SHEET G-502)
- ACCESS ROUTE
- HAUL ROUTE

NOTES

1. AREA AVAILABLE FOR CONSTRUCTION STAGING AND PARKING. EXACT DIMENSIONS TO BE DETERMINED BY CONTRACTOR. STAGING AREA SOIL STABILIZATION MEASURES TO BE DETERMINED BY CONTRACTOR IF REQUIRED. CONTRACTOR IS RESPONSIBLE FOR SAFETY AND SECURITY OF ITS STAGING AREA. SAFETY AND SECURITY OF STAGING AREA SHALL BE INCIDENTAL TO MOBILIZATION (C-105). IF TEMPORARY FENCING OR GATES ARE PROVIDED, PROVIDE A KEY TO THE OWNER TO ALLOW FOR 24-HOUR ACCESS TO THE STAGING AREA.
2. THE CONTRACTOR'S HAUL ROUTES AND CONSTRUCTION ACCESS SHALL FOLLOW THE EXISTING HAUL ROADS WHERE AVAILABLE.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE OFF-AIRPORT HAUL ROUTES (STATE HIGHWAYS, COUNTY ROADS, OR CITY STREETS) WITH THE APPROPRIATE AGENCY HAVING JURISDICTION OVER THE AFFECTED ROUTE.
4. THE CONTRACTOR SHALL USE THE STORAGE AND STAGING AREA SPECIFIED FOR STOCKPILES, SHOPS, MAINTENANCE FACILITIES AND ALL OTHER CONTRACTOR SUPPORT FACILITIES. NO OTHER SITES SHALL BE PERMITTED ON AIRPORT PROPERTY WITHOUT SPECIFIC WRITTEN APPROVAL.
5. THE BEFORE AND AFTER CONDITION OF AIRPORT HAUL ROUTES /CONSTRUCTION ACCESS SHALL BE JOINTLY INSPECTED AND DOCUMENTED VIA VIDEO AND COLOR PHOTOGRAPHS BY THE RPR AND CONTRACTOR PRIOR TO THE START OF CONSTRUCTION IN ACCORDANCE WITH SECTION 013233. THE CONTRACTOR AND RPR FOR THE AIRPORT AND OTHER AFFECTED AGENCIES SHALL AGREE IN WRITING TO THE EXISTING CONDITION OF ALL HAUL ROUTES AND CONSTRUCTION ACCESS ROADS UTILIZED FOR THIS PROJECT.
6. ON-AIRPORT ROADS USED AS HAUL ROUTES/ CONSTRUCTION ACCESS SHALL BE MAINTAINED AND STABILIZED BY THE CONTRACTOR AS REQUIRED TO SUPPORT LIGHT-DUTY 2WD VEHICLES AND CONSTRUCTION EQUIPMENT THROUGHOUT THE DURATION OF THIS PROJECT AT NO ADDITIONAL COST TO THE OWNER.
7. FENCING, DRAINAGE, GRADING AND OTHER MISCELLANEOUS CONSTRUCTION REQUIRED TO CONSTRUCT/ REMOVE TEMPORARY HAUL ROUTES OR ACCESS POINTS ON THE AIRPORT WILL BE THE CONTRACTOR'S TOTAL RESPONSIBILITY AND SHALL BE APPROVED BY THE RPR PRIOR TO COMMENCING THE WORK.
8. ALL COSTS FOR CONTROLLING DUST OR POLLUTANTS TO THE AIR OF ANY KIND SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAY ITEM SHALL BE PROVIDED.
9. AT COMPLETION OF CONTRACT THE CONTRACTOR SHALL LEAVE THE HAUL ROAD AND STAGING AREAS IN AN EQUAL OR BETTER CONDITION THAN PRE-CONSTRUCTION, UNLESS OTHERWISE DIRECTED BY THE RPR. THIS INCLUDES RE-ESTABLISHING ACCEPTABLE TURF. NEW HAUL ROADS ARE TO BE REMOVED AT THE END OF EACH WORK AREA.
10. ALL ON-AIRPORT ACCESS ROADS TO AIRPORT FACILITIES SHALL REMAIN OPEN AND MAINTAINED AT ALL TIMES.
11. CONTRACTOR EMPLOYEE PARKING SHALL BE LOCATED WITHIN THE CONTRACTOR STAGING AND STORAGE AREA.

N

250' 0' 250' 500'

GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: W. BOWDOIN	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

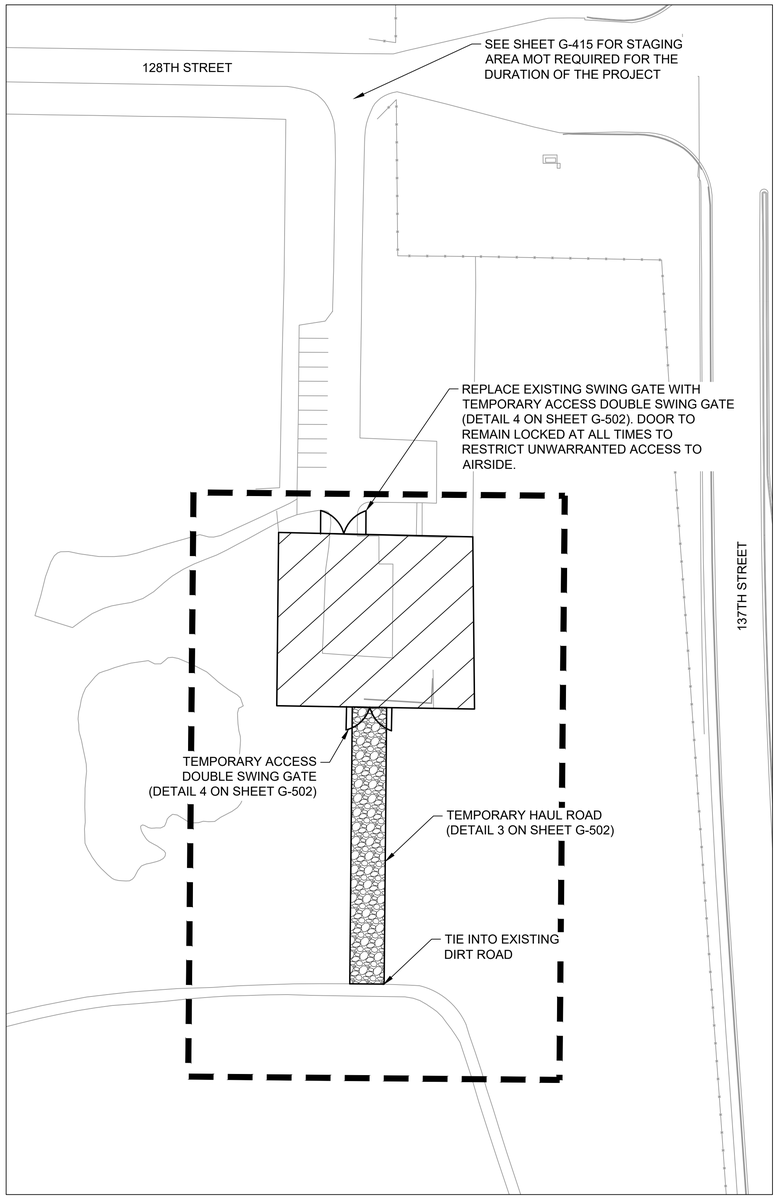
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL FL 33166
(305) 728-7452

STAGING AND ACCESS PLAN

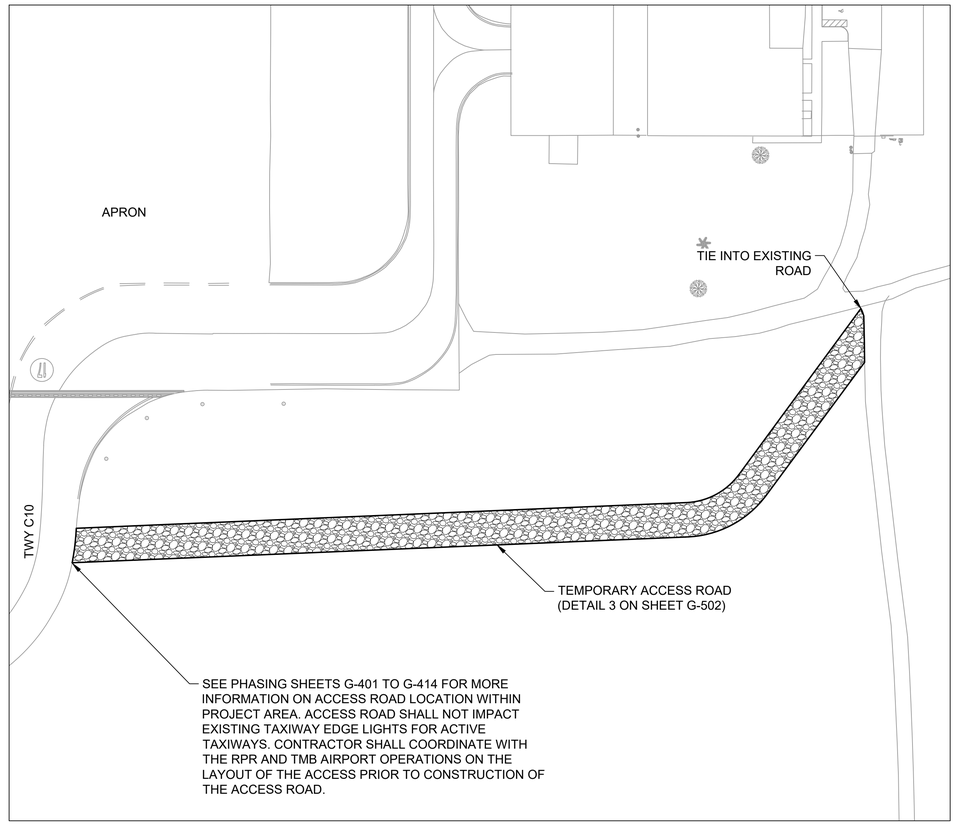
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-201

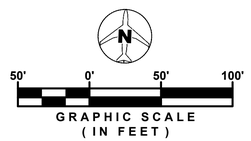
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PLOT DATE: 2025/09/09 AT 4:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



1 STAGING AREA AND HAUL ROAD PLAN



2 HAUL ROAD PLAN



LEGEND

- PROJECT LIMITS
- CONTRACTOR STAGING AND STORAGE AREA (SEE GENERAL NOTE 1)
- TEMPORARY ACCESS ROAD (DETAIL 3 ON SHEET G-502)
- ACCESS ROUTE
- HAUL ROUTE

NOTES

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11. CONTRACTOR EMPLOYEE PARKING SHALL BE LOCATED WITHIN THE CONTRACTOR STAGING AND STORAGE AREA.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

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MIAMI, FLORIDA 33102-5504

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STAGING AND ACCESS PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-202

FILENAME: C:\PWWORKING\EAST01\D312362681\I10365381\G-201.DWG
PLOT DATE: 2025/09/09 AT 4:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

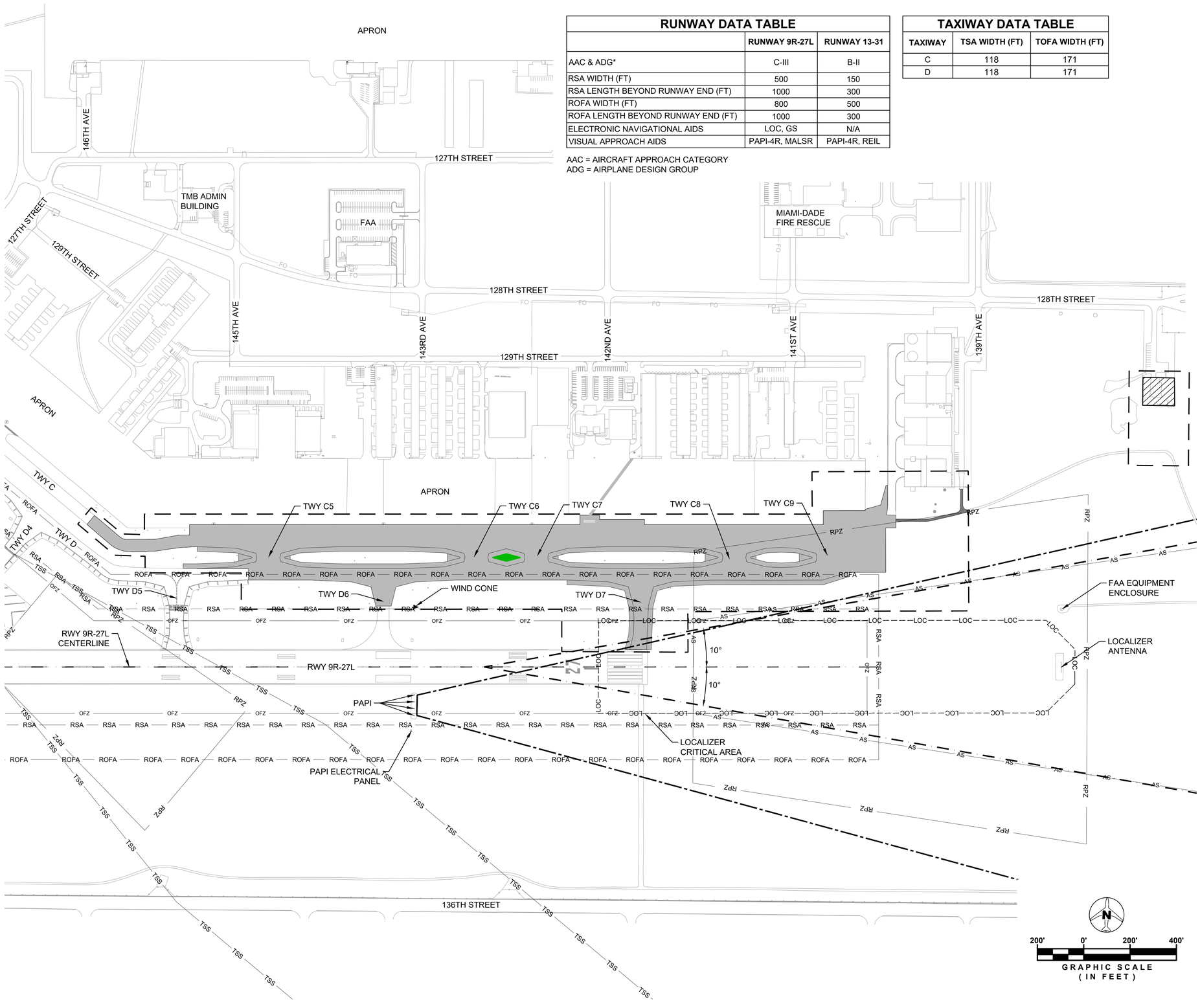
RUNWAY DATA TABLE

	RUNWAY 9R-27L	RUNWAY 13-31
AAC & ADG*	C-III	B-II
RSA WIDTH (FT)	500	150
RSA LENGTH BEYOND RUNWAY END (FT)	1000	300
ROFA WIDTH (FT)	800	500
ROFA LENGTH BEYOND RUNWAY END (FT)	1000	300
ELECTRONIC NAVIGATIONAL AIDS	LOC, GS	N/A
VISUAL APPROACH AIDS	PAPI-4R, MALSR	PAPI-4R, REIL

AAC = AIRCRAFT APPROACH CATEGORY
ADG = AIRPLANE DESIGN GROUP

TAXIWAY DATA TABLE

TAXIWAY	TSA WIDTH (FT)	TOFA WIDTH (FT)
C	118	171
D	118	171



LEGEND

- PROJECT LIMITS
- PROPOSED PAVEMENT
- CONTRACTOR STAGING AND STORAGE AREA
- PROPOSED ROAD PAVEMENT
- RSA — RUNWAY SAFETY AREA
- ROFA — RUNWAY OBJECT FREE AREA
- OFZ — RUNWAY OBSTACLE FREE ZONE
- RPZ — RUNWAY PROTECTION ZONE
- AS — APPROACH SURFACE
- LOC — LOCALIZER CRITICAL AREA
- PAPI OBSTACLE CLEARANCE SURFACE (OCS)
- PAPI LIGHT SIGNAL CLEARANCE SURFACE (LSCS)

NOTES

1. TSA AND TOFA WIDTHS ARE BASED ON WIDTHS CENTERED ON CENTERLINE WITH THE EXCEPTION OF INTERSECTIONS, WHICH ARE BASED ON DISTANCES FROM EDGE OF TAXIWAY PER EQUATIONS IN ADVISORY CIRCULAR 150/5300-13B

MARK	DESCRIPTION	DATE

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
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MIAMI, FLORIDA 33102-5504

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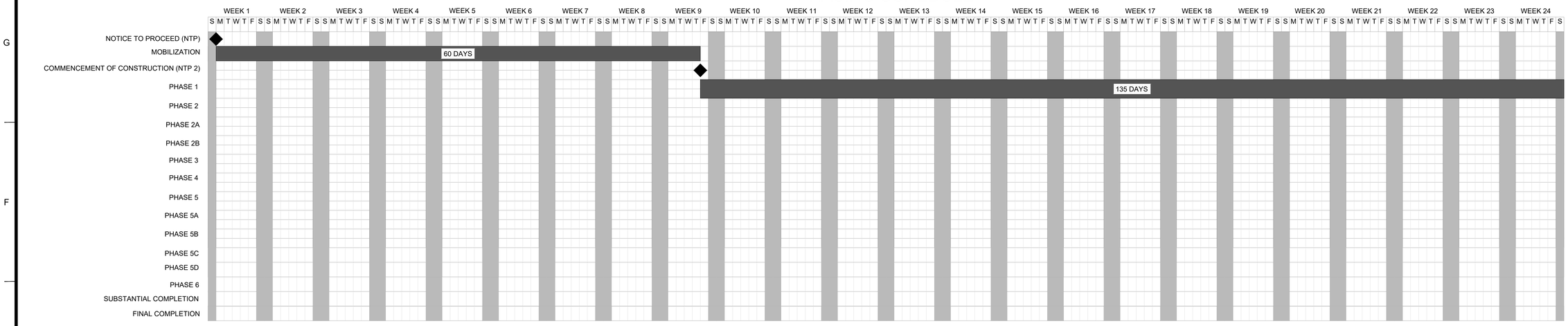
SAFETY AREA PLAN

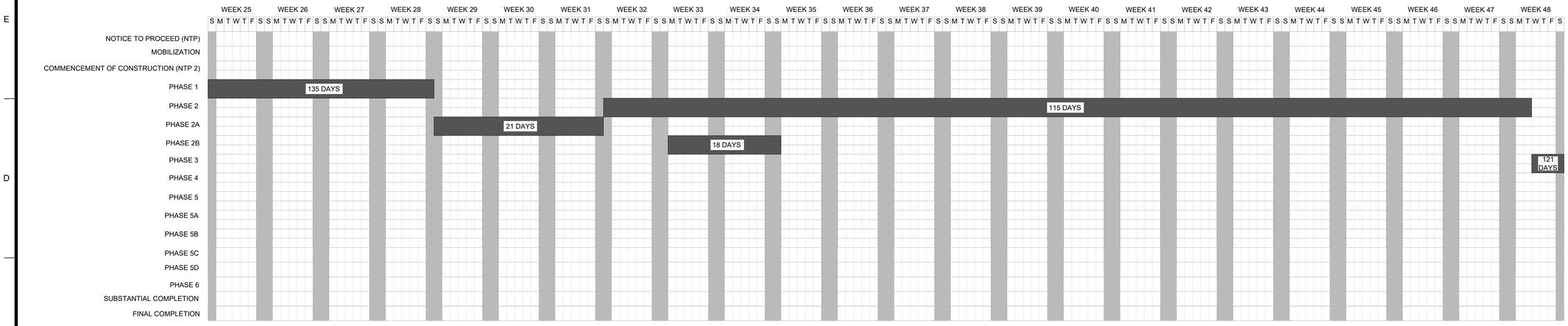
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MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

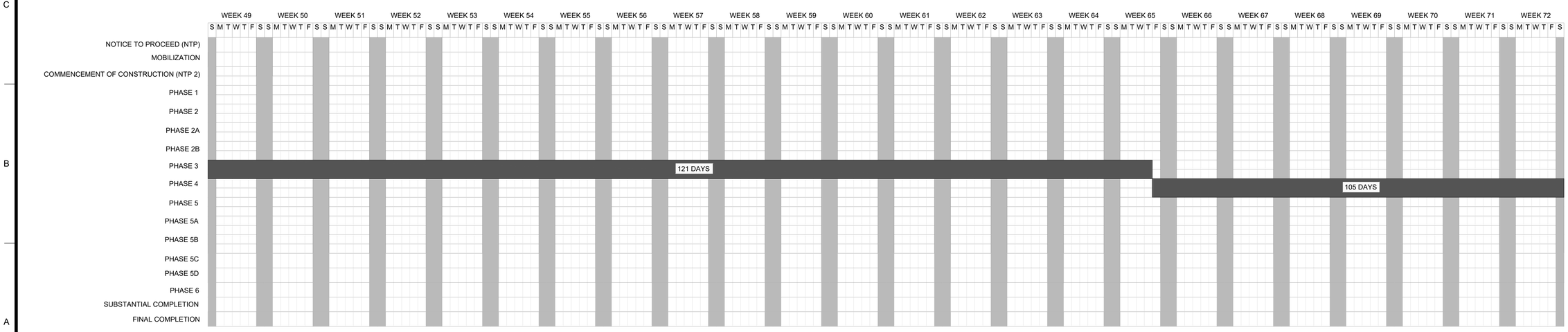
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G-301

FILENAME: C:\PWWORKING\EAST01\D3123626110365381G-301.DWG
PLOT DATE: 2025/05/21 AT 12:29 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PHASING SCHEDULE







MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
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P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
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DORAL, FL 33166
(305) 728-7452

PHASING SCHEDULE

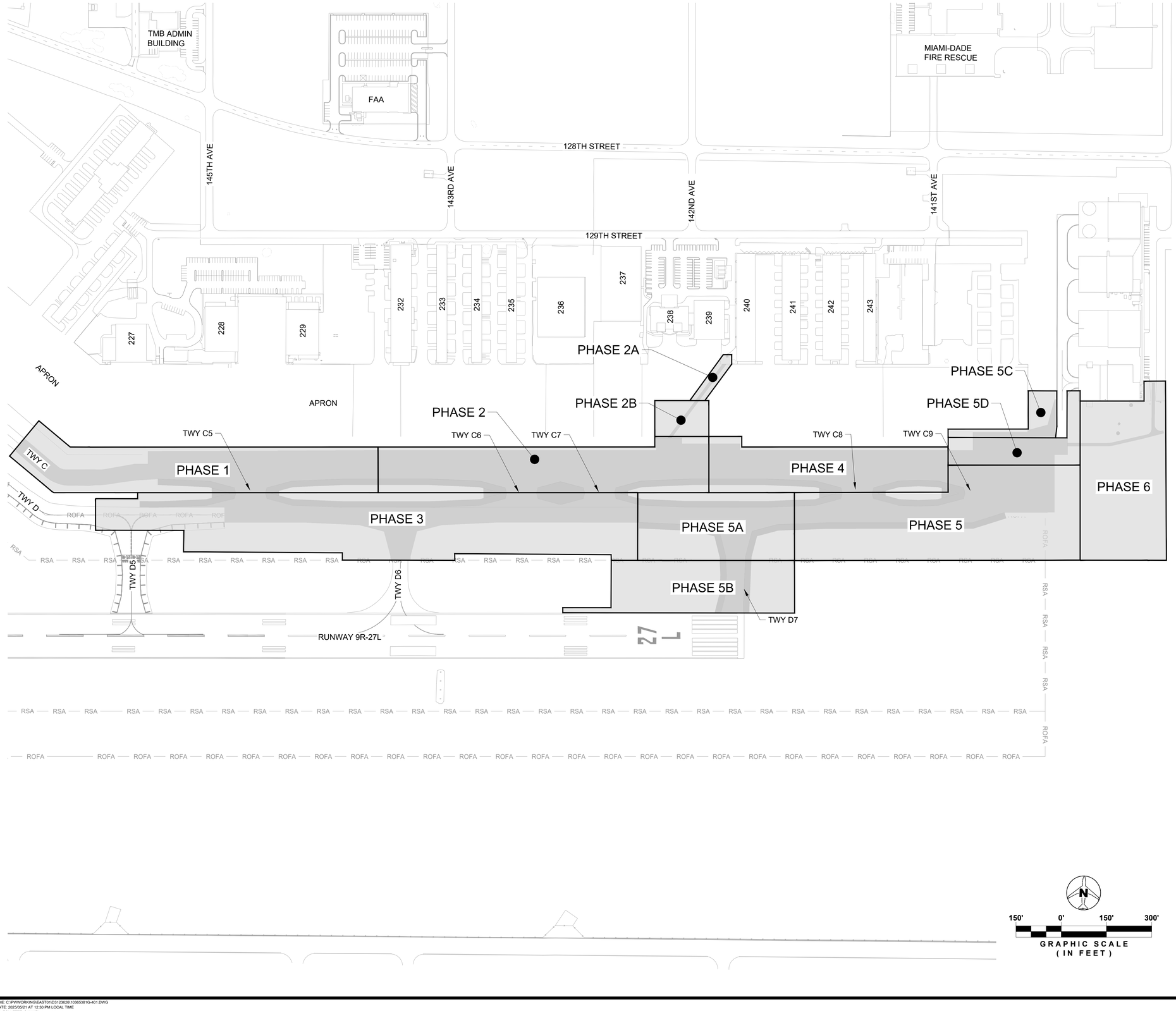
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-400A

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PLOT DATE: 2025/05/21 AT 12:30 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PHASING SCHEDULE

WEEK 73 WEEK 74 WEEK 75 WEEK 76 WEEK 77 WEEK 78 WEEK 79 WEEK 80 WEEK 81 WEEK 82 WEEK 83 WEEK 84 WEEK 85 WEEK 86 WEEK 87 WEEK 88 WEEK 89 WEEK 90 WEEK 91 WEEK 92 WEEK 93 WEEK 94 WEEK 95 WEEK 96
S M T W T F S S M T W T F S S M T W T F S



LEGEND

PHASE AREA

NOTES

1. THE CONTRACTOR SHALL SUBSTANTIALLY COMPLETE WORK TO THE OWNER'S APPROVAL FOR EACH PHASE BEFORE WORK AT ANOTHER AREA MAY BEGIN

N

150' 0' 150' 300'

GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
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OVERALL CONSTRUCTION PHASING PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-401

FILENAME: C:\PWWORKING\EAST01\D3123626110365381G-401.DWG
PLOT DATE: 2025/05/21 AT 12:30 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

GENERAL WORK AREA NOTES:

1. THE INTENT OF THIS WORK AREA PLAN IS TO MINIMIZE THE IMPACT OF CONSTRUCTION ON THE OPERATION OF THE AIRPORT. THE REQUIREMENTS CONTAINED IN THE CONSTRUCTION DOCUMENTS SHALL BE STRICTLY ENFORCED.

2. CONSTRUCTION BARRICADES, BARRIERS, AND CLOSED TAXIWAY MARKINGS SHALL BE PLACED AS SHOWN ON THE WORK AREA CONSTRUCTION PLANS AND / OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. ADDITIONAL BARRICADES SHALL BE PLACED TO MARK ALL OPEN EXCAVATIONS, PAVEMENT DROP-OFFS, OR OTHER POTENTIALLY HAZARDOUS CONDITIONS ADJACENT TO ACTIVE AIRFIELD PAVEMENTS.

3. HAUL ROUTES SHALL BE DESIGNATED ON THE WORK AREA CONSTRUCTION PLANS. FOR CLARITY PURPOSES, HAUL ROUTES WITHIN THE PHASE ARE NOT SHOWN. HAUL ROUTES THAT VARY FROM WHAT ARE SHOWN ON THE CONSTRUCTION WORK AREA PLANS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS FOR HAUL ROUTES OUTSIDE OF AIRPORT PROPERTY.

4. ALL CONSTRUCTION ACTIVITIES THAT ARE NECESSARY BEYOND THE WORK AREA LIMITS SHOWN ON THE WORK AREA CONSTRUCTION PLANS SHALL BE PERFORMED WHEN THE ADJACENT AIRFIELD PAVEMENT IS CLOSED TO AIR TRAFFIC. ARRANGEMENTS FOR CLOSING THESE PAVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE CSPP. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REFUSE CONTRACTOR'S REQUEST TO WORK OUTSIDE OF THE DESIGNATED WORK ZONE LIMITS.

5. NO CHANGE IN THE PHASING PLAN SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL FROM THE OWNER'S REPRESENTATIVE.

6. FOURTEEN (14) CALENDAR DAYS PRIOR TO THE START OF PHASE OR SUB PHASE, THE CONTRACTOR SHALL SUBMIT, IN WRITING, A DETAILED WORK PLAN FOR THAT WORK AREA OR SUB WORK AREA. THE PLAN SHALL DETAIL THE DURATIONS OF ALL WORK ITEMS NECESSARY TO COMPLETE THE WORK AREA OR SUB-WORK AREA. ALL ITEMS SHALL BE RESOURCE LOADED TO IDENTIFY MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO ACCOMPLISH EACH ITEM. THE PLAN SHALL PRESENT THE SEQUENCING OF ITEMS IN RELATIONSHIP TO ONE ANOTHER TO DEMONSTRATE A CLEAR PATH FOR COMPLETION OF THE WORK AREA OR SUB WORK AREA WITHIN THE SPECIFIED CONTRACTUAL TIME FRAME.

7. THE CONTRACTOR MAY NOT BREACH THE SECURITY FENCE, EXCEPT FOR THOSE AREAS DESIGNATED ON THE PLANS, FOR ANY REASON UNLESS WRITTEN PERMISSION IS GRANTED BY THE OWNER'S REPRESENTATIVE.

8. THE CONTRACTOR SHALL COVER ALL SIGNS AND LIGHTS LEADING INTO EACH WORK AREA.

9. PRIOR TO OPENING NEW AIRFIELD FEATURE OR REOPENING RECONSTRUCTED FEATURES, THE ASSOCIATED AIRFIELD GUIDANCE SIGNS SHALL BE INSTALLED AND OPERATIONAL. ANY SIGNAGE LEGEND ASSOCIATED WITH AIRFIELD FEATURES NOT AVAILABLE TO AIRCRAFT SHALL BE COVERED/OBSCURED FROM THE PILOTS' VISION IN ACCORDANCE WITH THE SPECIFICATIONS. PRIOR TO OPENING AND AFTER INSPECTION BY THE OWNER'S REPRESENTATIVE, REMOVE SIGNAGE COVERING.

10. CONTRACTOR SHALL NOTIFY AIRPORT OPERATIONS TWO WEEKS IN ADVANCE FOR A REQUEST FOR WORK TO BE CONDUCTED DURING NIGHTTIME WORK HOURS.

11. CONTRACTOR SHALL HAVE ACCESS TO STAGING AREA 24 HOURS 7 DAYS A WEEK.

12. CONTRACTOR SHALL NOT USE THE STAGING AND STORAGE AREA TO STORE EXCAVATED MATERIALS FROM THE CONSTRUCTION SITE. CONTRACTOR SHALL IMMEDIATELY TAKE THE EXCAVATED MATERIAL OFF SITE AND DISPOSE OF IT IN A LEGAL MANNER. STOCKPILE AREA SHALL ONLY BE USED TO STORE NEW MATERIAL FOR THE PROPOSED SCOPE OF WORK.

13. CONTRACTOR SHALL PROVIDE TRAINED FLAGMEN TO COORDINATE AND CONTROL CONSTRUCTION TRAFFIC WHEN OPERATING ACROSS ANY ACTIVE TAXIWAY OR RUNWAY. FLAGMEN SHALL ALSO BE PROVIDED FOR CONTROLLING EQUIPMENT ENTERING AND LEAVING THE PROJECT AREA.

14. CONTRACTOR SHALL MAINTAIN CLEAN PAVEMENTS AT ALL ACTIVE CROSSINGS. PROVIDE BROOM TRUCKS AT ALL ACTIVE CROSSINGS DURING WORK HOURS. CONTRACTOR MAY BE REQUIRED TO PROVIDE VACUUM TRUCKS IF THE OWNER DETERMINES THAT THE BROOM TRUCK IS INSUFFICIENT, AT NO ADDITIONAL COST.

15. IF ACCESS TO THE CONSTRUCTION, STAGING, OR STORAGE SITES REQUIRES THE CROSSING OF AN ACTIVE RUNWAY OR TAXIWAY, ALL VEHICLES SHALL BE ESCORTED ACROSS SAID RUNWAY OR TAXIWAY BY A VEHICLE EQUIPPED WITH A VHF-AM TRANSCEIVER RADIO AND OPERATED BY A DRIVER SPECIFICALLY AUTHORIZED BY TMB AIRPORT OPERATIONS TO CROSS THESE OPERATIONAL PAVEMENTS. RADIO CONTACT IS REQUIRED WHILE THE CONTRACTOR HAS PERSONNEL AND EQUIPMENT IN THE ACTIVE AOA.

16. CONTRACTOR SHALL NOT STAGE OR STORE EQUIPMENT OR MATERIALS WITHIN ACTIVE ROFAs OR TOFAs.

17. PROVIDE A CONSTANT SWEEP WITH BROOM TRUCKS ON ALL ACTIVE PAVEMENT CROSSING. ENSURE THAT ACTIVE PAVEMENT CROSSING SHALL BE CLEARED OF DEBRIS DURING HOURS OF OPERATIONS.

PHASE SUMMARY*:

PHASE 1:
PREPARATION OF EXISTING GRASSED SURFACE AND DEMOLITION OF EXISTING PAVEMENT. CONSTRUCTION OF TAXIWAY AND CONNECTOR PAVEMENT, MILL AND OVERLAY OF EXISTING PAVEMENT, DRAINAGE, ELECTRICAL, CAMERA INFRASTRUCTURE, AND SODDING.

PHASE 2A:
TRENCHING FOR THE INSTALLATION OF VENTS AND LEAK SENSORS FOR THE OIL WATER SEPARATOR. INSTALLATION OF THE OIL WATER SEPARATOR CONTROL PANEL AND BOLLARDS

PHASE 2:
PREPARATION OF EXISTING GRASSED SURFACE AND DEMOLITION OF EXISTING PAVEMENT. CONSTRUCTION OF TAXIWAY AND CONNECTOR PAVEMENT, DRAINAGE, OIL WATER SEPARATOR ELECTRICAL, AND SODDING. CCTV CAMERAS MUST BE INSTALLED AND OPERATIONS PRIOR TO THE COMPLETION OF THIS PHASE.

PHASE 2B:
TRENCHING FOR THE INSTALLATION OF VENTS AND LEAK SENSORS FOR THE OIL WATER SEPARATOR.

PHASE 3:
PREPARATION OF EXISTING GRASSED SURFACE AND DEMOLITION OF EXISTING PAVEMENT. CONSTRUCTION OF TAXIWAY AND CONNECTOR PAVEMENT, MILL AND OVERLAY OF EXISTING PAVEMENT, DRAINAGE, ELECTRICAL, AND SODDING.

PHASE 4:
PREPARATION OF EXISTING GRASSED SURFACE AND DEMOLITION OF EXISTING PAVEMENT. CONSTRUCTION OF TAXIWAY AND CONNECTOR PAVEMENT, DRAINAGE, ELECTRICAL, AND SODDING.

PHASE 5:
PREPARATION OF EXISTING GRASSED SURFACE AND DEMOLITION OF EXISTING PAVEMENT. CONSTRUCTION OF TAXIWAY PAVEMENT, MILL AND OVERLAY OF EXISTING PAVEMENT, DRAINAGE, ELECTRICAL, AND SODDING. TEMPORARY CLOSURES MAY BE NEEDED TO COMPLETE DRAINAGE WORK TIE-INS TO ADJACENT PHASES. **CONTRACTOR IS EXPECTED TO BE PROGRESSING WITH CONSTRUCTION WITHIN THIS PHASE WHILE ITS SUBPHASES ARE ACTIVE.**

PHASE 5A:
PREPARATION OF EXISTING GRASSED SURFACE AND DEMOLITION OF EXISTING PAVEMENT. CONSTRUCTION OF TAXIWAY PAVEMENT, DRAINAGE, ELECTRICAL, AND SODDING.

PHASE 5B:
PREPARATION OF EXISTING GRASSED SURFACE AND DEMOLITION OF EXISTING PAVEMENT. CONSTRUCTION OF TAXIWAY PAVEMENT, DRAINAGE, ELECTRICAL, AND SODDING.**NIGHT WORK ONLY. CONTRACTOR MUST CLOSE RUNWAY 9R-27L DURING PHASE WORK AND RE-OPEN TO AIR TRAFFIC AT END OF EACH WORK PERIOD.**

PHASE 5C & 5D:
PREPARATION OF EXISTING GRASSED SURFACE AND DEMOLITION OF EXISTING PAVEMENT. CONSTRUCTION OF TAXIWAY PAVEMENT, MILL AND OVERLAY OF EXISTING PAVEMENT, DRAINAGE, ELECTRICAL, AND SODDING. **NIGHT WORK ONLY. CONTRACTOR MUST OPEN THE AREA TO AIR TRAFFIC AT END OF EACH WORK PERIOD.**

PHASE 6:
PREPARATION OF EXISTING GRASSED SURFACE, ACCESS ROAD CONSTRUCTION, ADJUSTMENT OF WATER VALVE, AND SODDING OF PROPOSED BOTTOM OF GRADED AREA.

PERMANENT PAVEMENT MARKINGS:
CONTRACTOR SHALL COORDINATE WITH AIRPORT OPERATIONS TO INSTALL PERMANENT PAVEMENT MARKINGS ONCE THE CURE PERIOD IS COMPLETE FOR AREAS THAT ARE OPEN TO AIR TRAFFIC. THIS PHASE UTILIZES THE SAME AIRFIELD MAINTENANCE OF TRAFFIC (MOT) AS THEIR RESPECTIVE PHASE LIMITS. CONTRACTOR SHALL COORDINATE THE TIMING AND PHASING OF THIS WORK WITH AIRPORT OPERATIONS. WORK TO BE COMPLETE WITHIN THE OVERALL CONTRACT DURATION.

CCTV CAMERA INSTALLATION AND ASSOCIATED WORK:
CONTRACTOR SHALL COMPLETE THE WORK ASSOCIATED WITH CCTV CAMERA INSTALLATION WORK PRIOR TO THE COMPLETION OF PHASE 2. CONTRACTOR TO COORDINATE WITH AIRPORT OPERATIONS ON THE SCHEDULING FOR THIS WORK. THIS WORK SHALL BE COMPLETE WITHIN THE CONTRACT DURATION FOR THIS PROJECT. CONTRACTOR TO COORDINATE WORK TO TAKE PLACE WITHIN THE TMB ATCT AND TMB ADMINISTRATION BUILDING WITH TMB AIRPORT OPERATIONS. REFER TO LANDSIDE MOT PLAN ON SHEET G-415 FOR WORK TO TAKE PLACE OUTSIDE OF THE AOA .

WILDLIFE BURROW SURVEY, PERMITTING, SCOPING AND COLLAPSE:
IN ACCORDANCE WITH THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION'S (FWC) GUIDELINES, CONTRACTOR SHALL PERFORM A PRE-CONSTRUCTION FLORIDA BURROWING OWL SURVEY AND A GOPHER TORTOISE SURVEY OF THE PROJECT SITE AFTER THE ADMINISTRATIVE NTP, WITHIN 90 DAYS OF THE PERMIT APPLICATION SUBMITTAL, AND PRIOR TO MOBILIZATION. IF ANY BURROWING OWL NESTS OR POTENTIALLY OCCUPIED GOPHER TORTOISE BURROWS IDENTIFIED DURING THE SURVEY WILL BE IMPACTED BY THE PROPOSED DEVELOPMENT, A PERMIT FROM THE FWC AND BURROW EXCAVATION AND RELOCATION WILL BE REQUIRED. CONTRACTOR SHALL PERFORM A SITE VISIT WITHIN 48-HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION FOR EACH PHASE AND HAVE ITS ENVIRONMENTAL SCIENTIST PROVIDE A LETTER STATING THE LIMITS OF DISTURBANCE WITHIN THE PHASE WORK AREA IS FREE OF WILDLIFE. PERMITTING EFFORTS, SURVEY, SCOPING, COLLAPSING, RELOCATION, AND PROTECTION SHALL BE CONSIDERED ANCILLARY TO WILDLIFE BURROW SURVEY, PERMITTING, SCOPING AND COLLAPSE (015700-11.2) LINE ITEM. REFER TO 015700-2.07 FOR MORE INFORMATION.

SUBSURFACE UTILITY INVESTIGATION:
CONTRACTOR SHALL PERFORM A COMPREHENSIVE SUBSURFACE UTILITY INVESTIGATION AND CONDUCT SOFT DIGS OF UTILITIES IDENTIFIED WITHIN THE LIMITS OF DISTURBANCE UPON MOBILIZING INTO EACH NEW PHASE OF WORK. THIS UTILITY INVESTIGATION AND VERIFICATION SHALL BE THE FIRST ACTIVITY COMPLETED PRIOR TO ANY EARTH DISTURBANCE. COST ASSOCIATED WITH SUBSURFACE UTILITY INVESTIGATION SHALL BE CONSIDERED ANCILLARY TO THE SUBSURFACE UTILITY INVESTIGATION (015700-11.3) LINE ITEM.

*THIS LIST IS NOT EXHAUSTIVE NOR SEQUENTIAL; IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE PROJECT AND CONTRACT DOCUMENTS TO PERFORM ALL REQUIRED WORK IN ITS APPROPRIATE SEQUENCE.

CONSTRUCTION SCHEDULE

CONSTRUCTION AREA	START	AVAILABLE WORK PERIODS	TEMPORARY RE-OPENING OR DEMOBILIZATION REQUIRED
MOBILIZATION, PREMOBILIZATION SUBMITTALS, PERMITTING, WILDLIFE SURVEY, STAGING AREA AND HAUL ROAD SETUP	ADMINISTRATIVE NTP	N/A	N/A
PHASE 1	COMPLETION OF MOBILIZATION CONSTRUCTION NTP	MON - FRI (0700 - 1700)	N/A
PHASE 2A	PHASE 1 COMPLETION	MON - FRI (0700 - 1700)	STORAGE OF EQUIPMENT OR MATERIALS BETWEEN WORK DAYS IS NOT ALLOWED WITHIN PHASING LIMITS
PHASE 2	PHASE 2A COMPLETION	MON - FRI (0700 - 1700)	N/A
PHASE 2B	CONCURRENTLY WITH PHASE 2, AFTER PHASE 2A COMPLETION	MON - FRI (0700 - 1700)	STORAGE OF EQUIPMENT OR MATERIALS BETWEEN WORK DAYS IS NOT ALLOWED WITHIN PHASING LIMITS
PHASE 3	PHASE 2 COMPLETION	MON - FRI (0700 - 1700)	CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS 45 DAYS PRIOR TO MOBILIZING INTO THIS PHASE. SEE SHEET G-407 FOR MORE INFORMATION
PHASE 4	PHASE 3 COMPLETION	MON - FRI (0700 - 1700)	N/A
PHASE 5	PHASE 4 COMPLETION	MON - FRI (0700 - 1700)	CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS 45 DAYS PRIOR TO MOBILIZING INTO THIS PHASE. SEE SHEETS G-409 TO G-414 FOR MORE INFORMATION
PHASE 5A	CONCURRENTLY WITH PHASE 5	MON - FRI (0700 - 1700)	N/A
PHASE 5B	CONCURRENTLY WITH PHASE 5, AFTER PHASE 5A COMPLETION	SUNDAY NIGHT -THURSDAY NIGHT (2100 - 0600)	AREA TO BE OPEN TO AIR TRAFFIC AT THE END OF EACH WORK PERIOD. STORAGE OF EQUIPMENT OR MATERIALS BETWEEN WORK DAYS IS NOT ALLOWED WITHIN PHASING LIMITS
PHASE 5C	CONCURRENTLY WITH PHASE 5, AFTER PHASE 5B COMPLETION	SUNDAY NIGHT -THURSDAY NIGHT (1900 - 0600)	AREA TO BE OPEN TO AIR TRAFFIC AT THE END OF EACH WORK PERIOD. STORAGE OF EQUIPMENT OR MATERIALS BETWEEN WORK DAYS IS NOT ALLOWED WITHIN PHASING LIMITS
PHASE 5D	CONCURRENTLY WITH PHASE 5, AFTER PHASE 5C COMPLETION	SUNDAY NIGHT -THURSDAY NIGHT (1900 - 0600)	AREA TO BE OPEN TO AIR TRAFFIC AT THE END OF EACH WORK PERIOD. STORAGE OF EQUIPMENT OR MATERIALS BETWEEN WORK DAYS IS NOT ALLOWED WITHIN PHASING LIMITS
PHASE 6	PHASE 5, 5A, 5B, 5C & 5D COMPLETION	MON - FRI (0700 - 1700)	N/A
SUBSTANTIAL COMPLETION, PUNCHLIST, AND PROJECT CLOSEOUT	PHASE 6 COMPLETION	AS DIRECTED BY TMB AIRPORT OPERATIONS	N/A

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

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DORAL, FL 33166
(305) 728-7452

OVERALL CONSTRUCTION PHASING NOTES

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-402

FILENAME: C:\PWWORKING\EAST01\D312362811036538 1G-401.DWG
PLOT DATE: 2025/05/21 AT 12:30 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PHASE 1 AIRFIELD SEGMENT STATUS

SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L	○			
TWY C		●	BETWEEN TWY C4 AND C6	CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C6		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C7	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
EX. TWY C8	○			
EX. TWY C9	○			
EX. TWY C10	○			
TWY D	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE BELOW ON THIS SHEET
TWY D5	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE BELOW ON THIS SHEET
TWY D6	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE BELOW ON THIS SHEET
TWY D7	○			

● = STATUS CHANGE

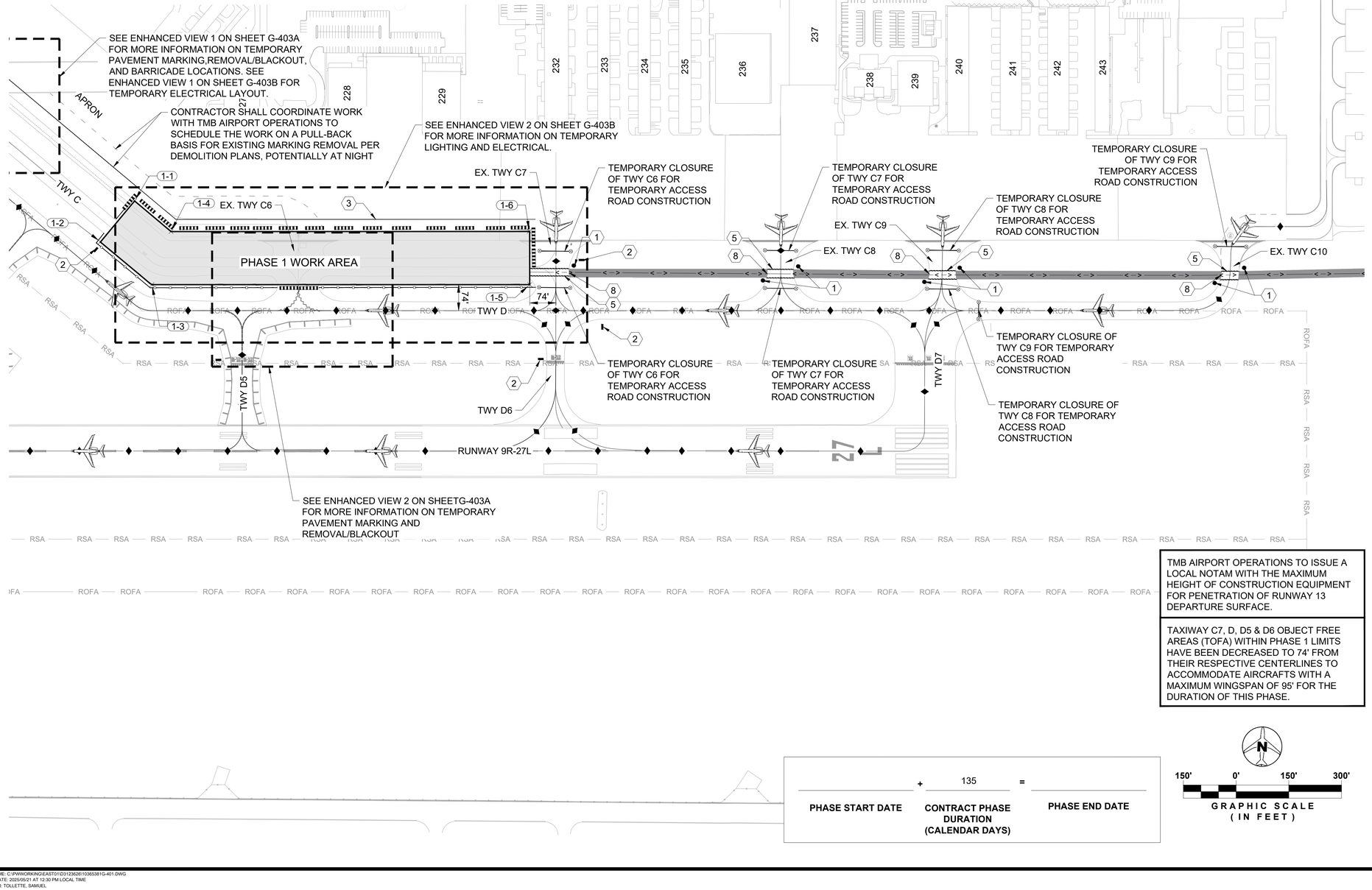
○ = STATUS CARRYOVER

RESTRICTED TAXIWAY OPERATIONS DATA TABLE

SEGMENT	OBJECT FREE AREA WIDTH FROM TWY CL (FT)	OBJECT FREE AREA WIDTH FROM TWY EDGE OF PAVEMENT (FT)	MAXIMUM WINGSPAN (FT)
EX. TWY C7	74	49	95
TWY D	74	49	95
TWY D5	74	49	95
TWY D6	74	49	95

PHASE 1 POINT TABLE		
POINT NUMBER	LAT.	LONG.
1-1	N025° 38' 43.19"	W080° 25' 48.32"
1-2	N025° 38' 41.99"	W080° 25' 49.32"
1-3	N025° 38' 40.86"	W080° 25' 47.66"
1-4	N025° 38' 42.38"	W080° 25' 47.14"
1-5	N025° 38' 41.35"	W080° 25' 35.92"
1-6	N025° 38' 42.86"	W080° 25' 36.01"

MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'



TMB AIRPORT OPERATIONS TO ISSUE A LOCAL NOTAM WITH THE MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT FOR PENETRATION OF RUNWAY 13 DEPARTURE SURFACE.

TAXIWAY C7, D, D5 & D6 OBJECT FREE AREAS (TOFA) WITHIN PHASE 1 LIMITS HAVE BEEN DECREASED TO 74' FROM THEIR RESPECTIVE CENTERLINES TO ACCOMMODATE AIRCRAFTS WITH A MAXIMUM WINGSPAN OF 95' FOR THE DURATION OF THIS PHASE.

PHASE START DATE	+	CONTRACT PHASE DURATION (CALENDAR DAYS)	=	PHASE END DATE
		135		

N

150' 0' 150' 300'

GRAPHIC SCALE (IN FEET)

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)
- TEMPORARY LOW PROFILE BARRICADES

NOTES

WORK HOURS: MON - FRI (07:00 TO 17:00)

1. CURRENT PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503
8. FOR CONSTRUCTION OF TEMPORARY ACCESS ROAD WITHIN 74' OF THE CONNECTOR CENTERLINE, CONTRACTOR SHALL ONLY SHUTDOWN ONE TAXIWAY CONNECTOR AT A TIME. WORK WITHIN THE 74' CONNECTOR TO BE FULLY COMPLETED PRIOR TO MOVING ON TO THE NEXT CONNECTOR. AIRPORT OPERATION MAY REQUIRE THE CONTRACTOR TO COMPLETE THE CONSTRUCTION OF TEMPORARY ACCESS ROAD PRIOR TO SETTING THE BARRICADES FOR PHASE 1 LIMITS. CONTRACTOR MAY REQUEST TO START CONSTRUCTION OF TEMPORARY ACCESS ROAD CONSTRUCTION DURING THE MOBILIZATION PERIOD

PHASE 1 WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   - -CONSTRUCT TEMPORARY ACCESS ROAD
   - -APPLY EROSION CONTROL MEASURES
   - -DEMOLISH EXISTING PAVEMENT
   - -STRIP AND PERFORM INITIAL EARTHWORK
   - -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD ELECTRICAL
   - -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD DRAINAGE
   - -CONSTRUCT PROPOSED SUB-BASE AND BASE MATERIAL
   - -CONSTRUCT PAVEMENT CONTROL STRIP FOR APPROVAL PRIOR TO PAVEMENT CONSTRUCTION
   - -CONSTRUCT PROPOSED PAVEMENT
   - -PERFORM FINAL GRADING AND INSTALL SOD
   - -APPLY TEMPORARY AND PERMANENT PAVEMENT MARKINGS
   - -APPLY PERMANENT NON-MOVEMENT MARKINGS
4. REMOVE PHASE SPECIFIC MOT ITEMS

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
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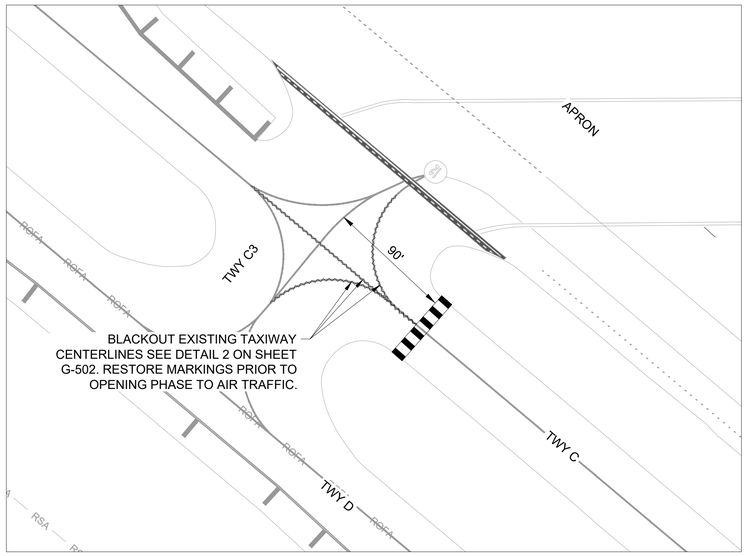
CONSTRUCTION PHASE 1 PLAN

TAXIWAY C EAST EXTENSION

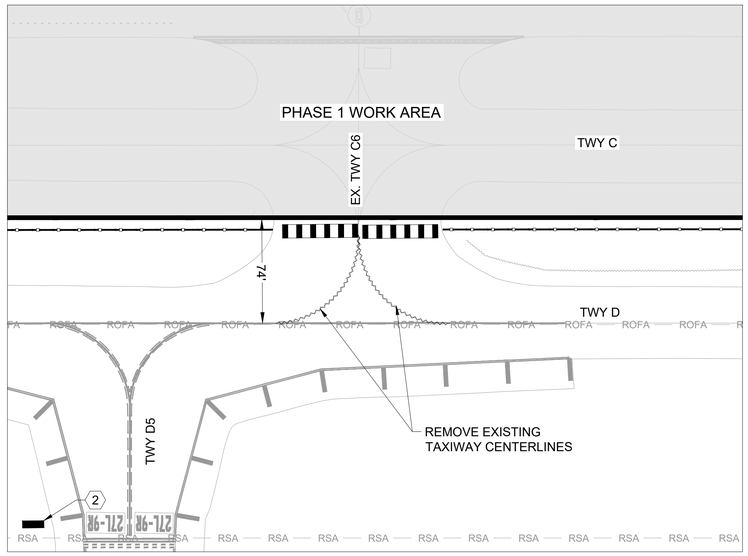
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-403

FILENAME: C:\PWWORKING\EAST01\D312362610365381\G-401.DWG
PLOT DATE: 2025/05/21 AT 12:30 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



1 PHASING ENHANCED VIEW 1



2 PHASING ENHANCED VIEW 2

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

N

50' 0' 50' 100'

GRAPHIC SCALE (IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
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MIAMI-DADE AVIATION DEPARTMENT
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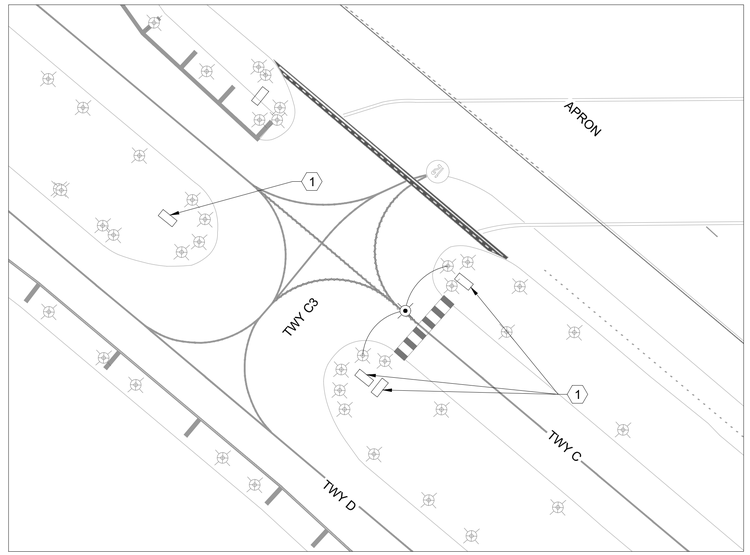
CONSTRUCTION PHASE 1 PLAN ENHANCED

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

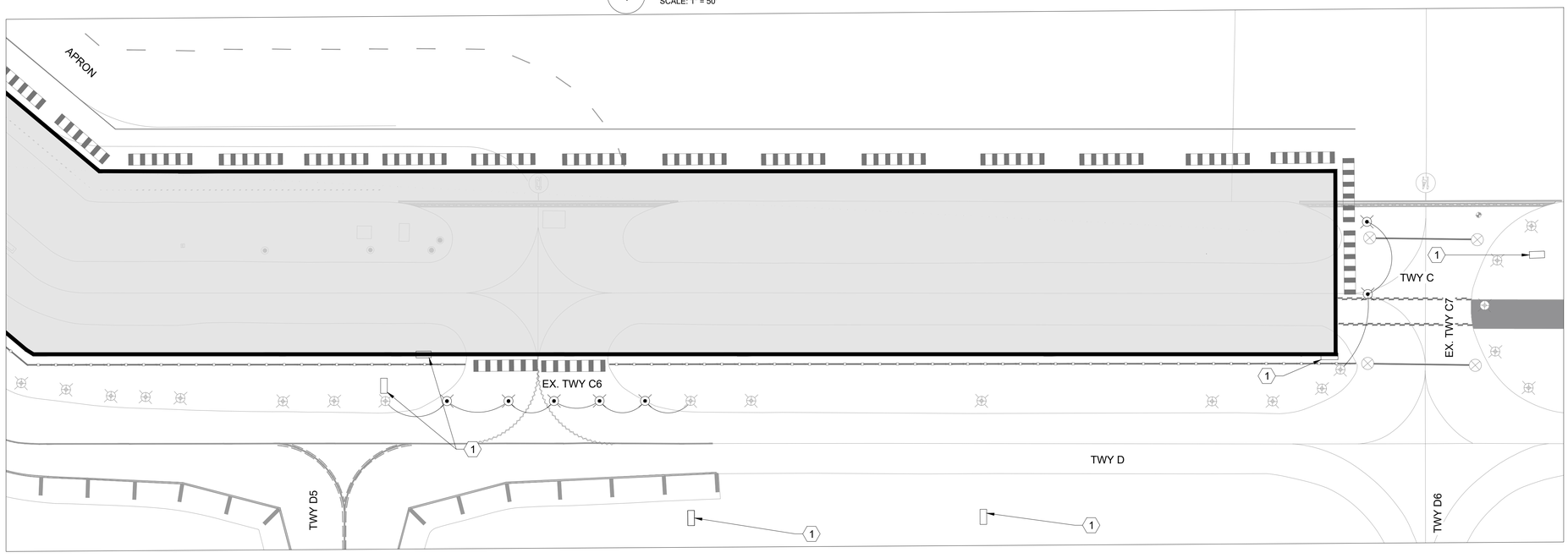
SHEET ID

G-403A

FILENAME: C:\PWWORKING\EAST01\D312362811036538 1G-401.DWG
PLOT DATE: 2025/05/21 AT 12:30 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



1 LIGHTING ENHANCED VIEW 1
SCALE: 1" = 50'



2 LIGHTING ENHANCED VIEW 2
SCALE: 1" = 50'

N

50' 0' 50' 100'

GRAPHIC SCALE
(IN FEET)

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)
- EXISTING LIGHT OR LIGHT INSTALLED IN PREVIOUS PHASE
- TEMPORARY TAXIWAY EDGE LIGHT AS PER DETAIL 4 ON SHEET E-401
- TEMPORARY CONDUIT AND CABLES AS PER DETAIL 4 ON SHEET E-401

NOTES

1. SEE E-100 SERIES DRAWINGS FOR ELECTRICAL DEMOLITION DRAWINGS.
2. REFER TO SHEETS G-400 SERIES DRAWINGS FOR ADDITIONAL PHASING INFORMATION.
3. LIGHTS INSIDE OF CLOSURE AREA SHALL BE COVERED UNTIL LIGHT IS DISCONNECTED.

KEYNOTES

1. COVER GUIDANCE SIGN FOR MOVEMENTS NO LONGER AVAILABLE AS PER CURRENT PHASING

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
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PHASE 1 TEMPORARY LIGHTING PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-403B

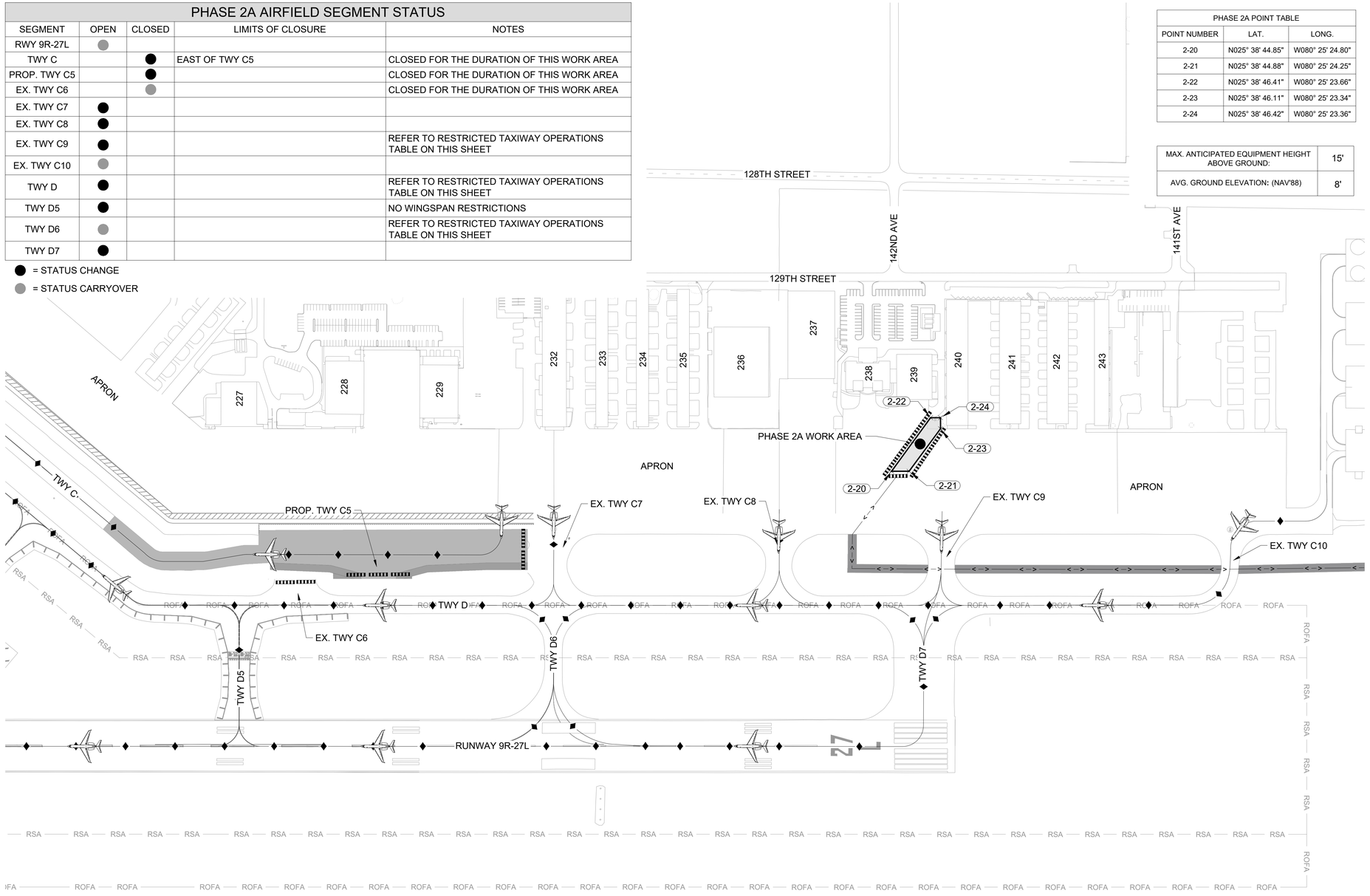
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PLOT DATE: 2025/05/21 AT 12:30 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PHASE 2A AIRFIELD SEGMENT STATUS

SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L	●			
TWY C		●	EAST OF TWY C5	CLOSED FOR THE DURATION OF THIS WORK AREA
PROP. TWY C5		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C6		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C7	●			
EX. TWY C8	●			
EX. TWY C9	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
EX. TWY C10	●			
TWY D	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
TWY D5	●			NO WINGSPAN RESTRICTIONS
TWY D6	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
TWY D7	●			

● = STATUS CHANGE

● = STATUS CARRYOVER



PHASE 2A POINT TABLE		
POINT NUMBER	LAT.	LONG.
2-20	N025° 38' 44.85"	W080° 25' 24.80"
2-21	N025° 38' 44.88"	W080° 25' 24.25"
2-22	N025° 38' 46.41"	W080° 25' 23.66"
2-23	N025° 38' 46.11"	W080° 25' 23.34"
2-24	N025° 38' 46.42"	W080° 25' 23.36"

MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'

CONTRACTOR SHALL MOVE ALL EQUIPMENT BACK TO THE STAGING AREA AT THE END OF EACH WORKING PERIOD. STAGING OF CONSTRUCTION EQUIPMENT IS NOT ALLOWED WITHIN THE PHASE WORK AREA.

GRAPHIC SCALE (IN FEET)
150' 0' 150' 300'

PHASE START DATE	+ 21	= PHASE END DATE
	CONTRACT PHASE DURATION (CALENDAR DAYS)	

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

NOTES

WORK HOURS: MON - FRI (07:00 TO 17:00)

1. CURRENT PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

PHASE 2A WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   -APPLY EROSION CONTROL MEASURES
   -DEMOLISH EXISTING PAVEMENT
   -STRIP AND PERFORM INITIAL EARTHWORK
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD ELECTRICAL
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD DRAINAGE
   -CONSTRUCT PROPOSED PAVEMENT
   -PERFORM FINAL GRADING AND INSTALL SOD
   -APPLY TEMPORARY AND PERMANENT PAVEMENT MARKINGS
   -APPLY PERMANENT NON-MOVEMENT MARKINGS
4. REMOVE PHASE SPECIFIC MOT ITEMS

RESTRICTED TAXIWAY OPERATIONS DATA TABLE

SEGMENT	OBJECT FREE AREA WIDTH FROM TWY CL (FT)	OBJECT FREE AREA WIDTH FROM TWY EDGE OF PAVEMENT (FT)	MAXIMUM WINGSPAN (FT)
EX. TWY C9	74	49	95
TWY D	74	49	95
TWY D6	74	49	95
TWY D7	74	49	95

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CONSTRUCTION PHASE 2A PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

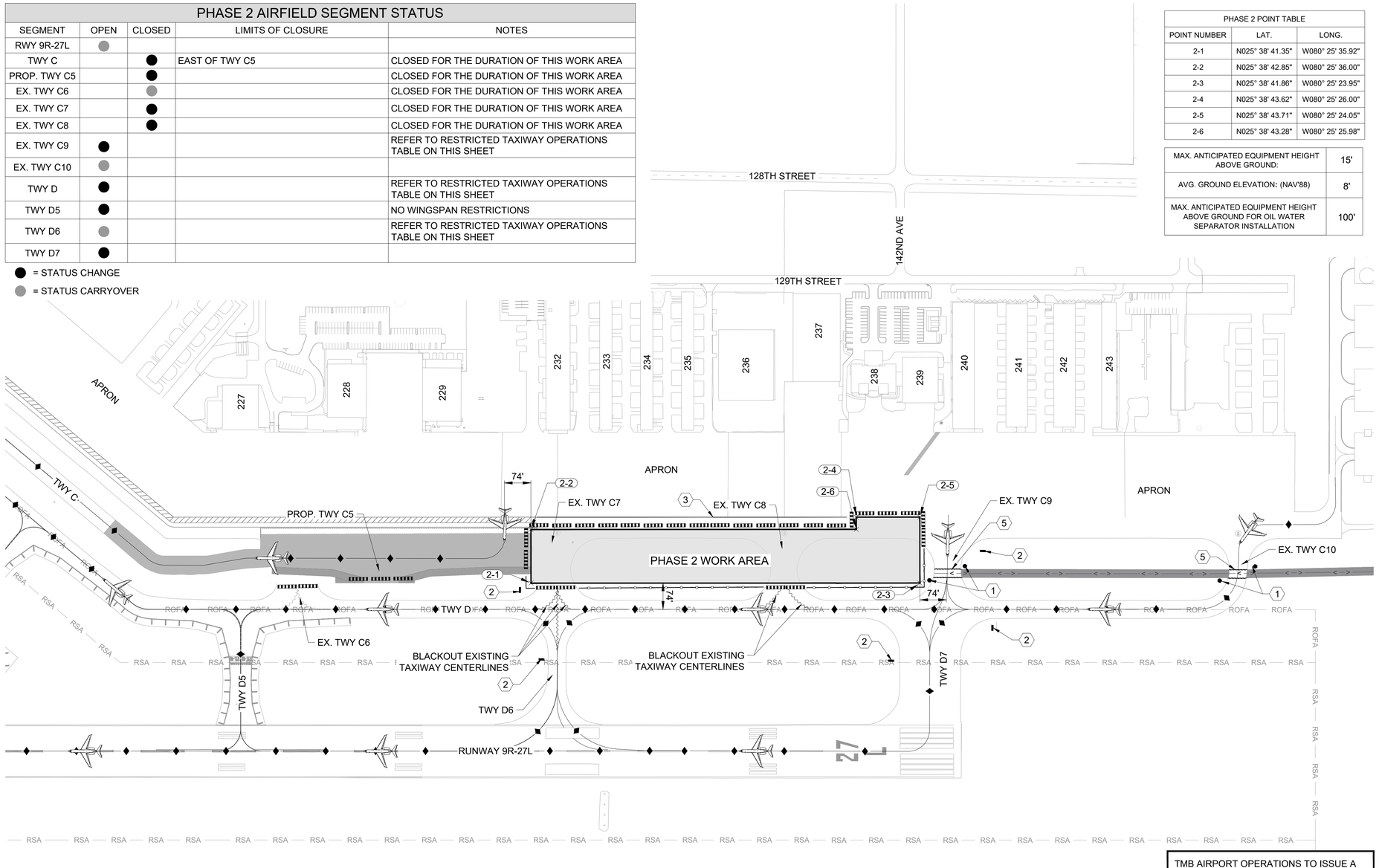
SHEET ID
G-404

FILENAME: C:\PWORKING\EAST01\D312362B\103653816-401.DWG
PLOT DATE: 2025/05/21 AT 12:31 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PHASE 2 AIRFIELD SEGMENT STATUS				
SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L	○			
TWY C		●	EAST OF TWY C5	CLOSED FOR THE DURATION OF THIS WORK AREA
PROP. TWY C5		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C6		○		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C7		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C8		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C9	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
EX. TWY C10	○			
TWY D	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
TWY D5	●			NO WINGSPAN RESTRICTIONS
TWY D6	○			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
TWY D7	●			

● = STATUS CHANGE

○ = STATUS CARRYOVER



PHASE 2 POINT TABLE		
POINT NUMBER	LAT.	LONG.
2-1	N025° 38' 41.35"	W080° 25' 35.92"
2-2	N025° 38' 42.85"	W080° 25' 36.00"
2-3	N025° 38' 41.86"	W080° 25' 23.95"
2-4	N025° 38' 43.62"	W080° 25' 26.00"
2-5	N025° 38' 43.71"	W080° 25' 24.05"
2-6	N025° 38' 43.28"	W080° 25' 25.98"

MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'
MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND FOR OIL WATER SEPARATOR INSTALLATION	100'

TMB AIRPORT OPERATIONS TO ISSUE A LOCAL NOTAM WITH THE MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT FOR PENETRATION OF RUNWAY 13 DEPARTURE SURFACE.

TAXIWAY C9, D, D6, & D7 OBJECT FREE AREAS (TOFA) WITHIN PHASE 2 LIMITS HAVE BEEN DECREASED TO 74' FROM THEIR RESPECTIVE CENTERLINES TO ACCOMMODATE AIRCRAFTS WITH A MAXIMUM WINGSPAN OF 95' FOR THE DURATION OF THIS PHASE.

	+ 115	=
PHASE START DATE	CONTRACT PHASE DURATION (CALENDAR DAYS)	PHASE END DATE

N

150' 0' 150' 300'

GRAPHIC SCALE (IN FEET)

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

NOTES

WORK HOURS: MON - FRI (07:00 TO 17:00)

1. CURRENT PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

PHASE 2 WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   -APPLY EROSION CONTROL MEASURES
   -DEMOLISH EXISTING PAVEMENT
   -STRIP AND PERFORM INITIAL EARTHWORK
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD ELECTRICAL
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD DRAINAGE
   -CONSTRUCT PROPOSED PAVEMENT
   -PERFORM FINAL GRADING AND INSTALL SOD
   -APPLY TEMPORARY AND PERMANENT PAVEMENT MARKINGS
   -APPLY PERMANENT NON-MOVEMENT MARKINGS
4. REMOVE PHASE SPECIFIC MOT ITEMS

RESTRICTED TAXIWAY OPERATIONS DATA TABLE

SEGMENT	OBJECT FREE AREA WIDTH FROM TWY CL (FT)	OBJECT FREE AREA WIDTH FROM TWY EDGE OF PAVEMENT (FT)	MAXIMUM WINGSPAN (FT)
EX. TWY C9	74	49	95
TWY D	74	49	95
TWY D6	74	49	95
TWY D7	74	49	95

NO.	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, STE 230
DORAL, FL 33166
(305) 728-7452

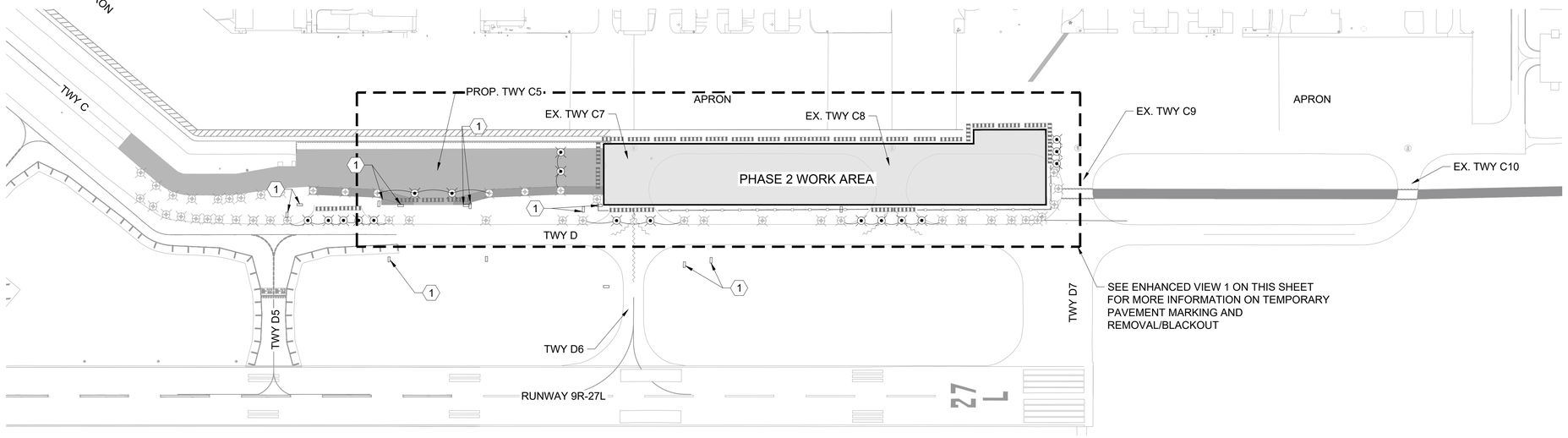
CONSTRUCTION PHASE 2 PLAN

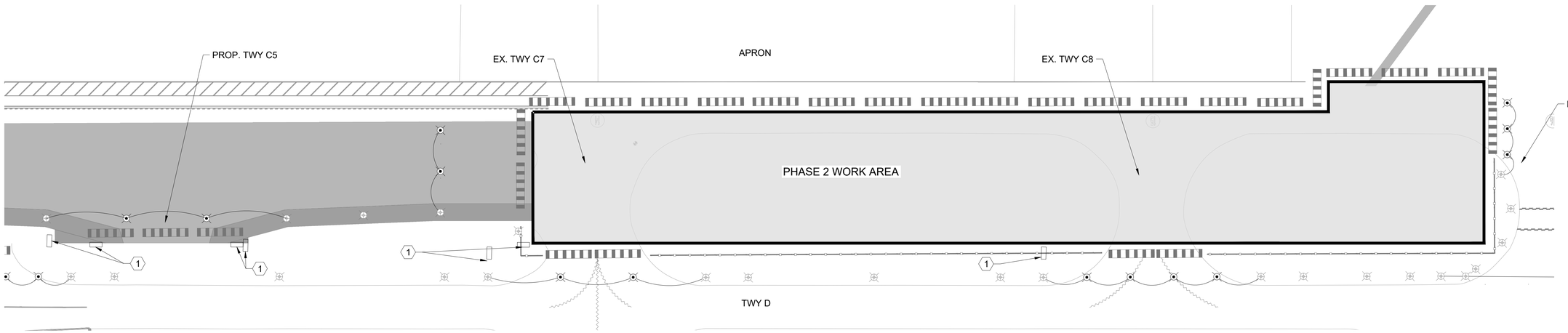
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

G-405

FILENAME: C:\PWWORKING\EAST01\D312362610365381G-401.DWG
PLOT DATE: 2025/05/21 AT 12:31 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





1 PHASING ENHANCED VIEW 1
SCALE: 1" = 60'

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)
- EXISTING LIGHT OR LIGHT INSTALLED IN PREVIOUS PHASE
- TEMPORARY TAXIWAY EDGE LIGHT AS PER DETAIL 4 ON SHEET E-401
- TEMPORARY CONDUIT AND CABLES AS PER DETAIL 4 ON SHEET E-401

NOTES

1. SEE E-100 SERIES DRAWINGS FOR ELECTRICAL DEMOLITION DRAWINGS.
2. REFER TO SHEETS G-400 SERIES DRAWINGS FOR ADDITIONAL PHASING INFORMATION.
3. LIGHTS INSIDE OF CLOSURE AREA SHALL BE COVERED UNTIL LIGHT IS DISCONNECTED.

KEYNOTES

(1) COVER GUIDANCE SIGN FOR MOVEMENTS NO LONGER AVAILABLE AS PER CURRENT PHASING

N

150' 0' 150' 300'

GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M.TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

PHASE 2 TEMPORARY LIGHTING PLAN

TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-405B

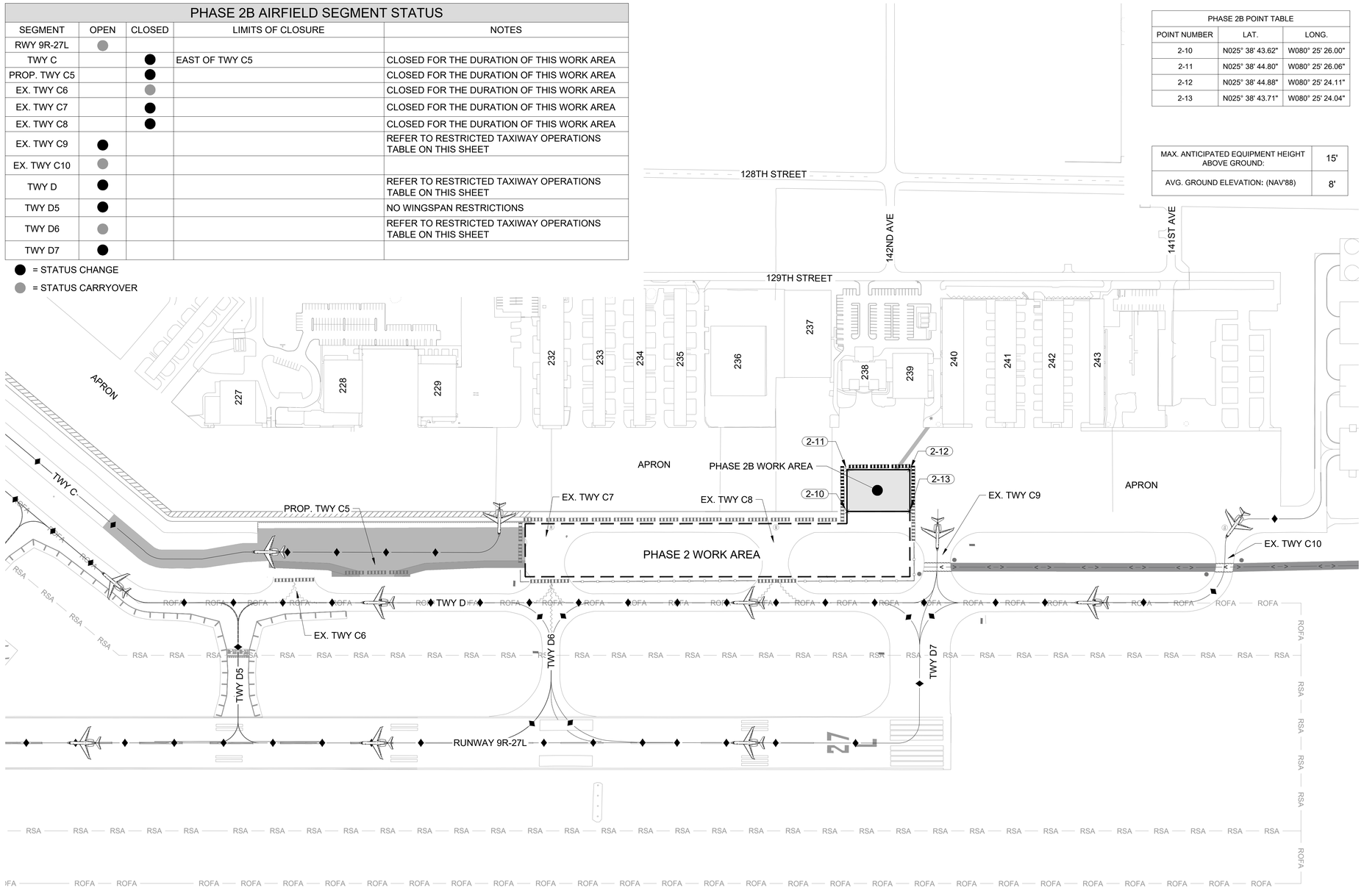
FILENAME: C:\PWWORKING\EAST01\D3123426\10365381G-401B.DWG
PLOT DATE: 2025/05/21 AT 12:31 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PHASE 2B AIRFIELD SEGMENT STATUS

SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L	●			
TWY C		●	EAST OF TWY C5	CLOSED FOR THE DURATION OF THIS WORK AREA
PROP. TWY C5		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C6		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C7		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C8		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C9	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
EX. TWY C10	●			
TWY D	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
TWY D5	●			NO WINGSPAN RESTRICTIONS
TWY D6	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
TWY D7	●			

● = STATUS CHANGE

● = STATUS CARRYOVER



PHASE 2B POINT TABLE		
POINT NUMBER	LAT.	LONG.
2-10	N025° 38' 43.62"	W080° 25' 26.00"
2-11	N025° 38' 44.80"	W080° 25' 26.06"
2-12	N025° 38' 44.88"	W080° 25' 24.11"
2-13	N025° 38' 43.71"	W080° 25' 24.04"

MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

NOTES

WORK HOURS: MON - FRI (07:00 TO 17:00)

1. CURRENT PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

PHASE 2B WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   -APPLY EROSION CONTROL MEASURES
   -DEMOLISH EXISTING PAVEMENT
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD ELECTRICAL
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD DRAINAGE
   -CONSTRUCT PROPOSED PAVEMENT
   -PERFORM FINAL GRADING
4. REMOVE PHASE SPECIFIC MOT ITEMS

RESTRICTED TAXIWAY OPERATIONS DATA TABLE

SEGMENT	OBJECT FREE AREA WIDTH FROM TWY CL (FT)	OBJECT FREE AREA WIDTH FROM TWY EDGE OF PAVEMENT (FT)	MAXIMUM WINGSPAN (FT)
EX. TWY C9	74	49	95
TWY D	74	49	95
TWY D6	74	49	95
TWY D7	74	49	95

PHASE START DATE	+ 18	CONTRACT PHASE DURATION (CALENDAR DAYS)	=	PHASE END DATE

N

150' 0' 150' 300'

GRAPHIC SCALE (IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CONSTRUCTION PHASE 2B PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

G-406

FILENAME: C:\PWWORKING\EAST01\D312362B\I10365381G-401.DWG
PLOT DATE: 2025/05/21 AT 12:31 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PHASE 3 AIRFIELD SEGMENT STATUS

SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L	●			
TWY C	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
PROP. TWY C5		●		CLOSED FOR THE DURATION OF THIS WORK AREA
PROP TWY C6		●		CLOSED FOR THE DURATION OF THIS WORK AREA
PROP. TWY C7		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C6		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C7		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C8		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C9	●			NO WINGSPAN RESTRICTIONS
EX. TWY C10	●			
TWY D		●	BETWEEN TWY D4 AND D7	CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D5		●		CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D6		●		CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D7	●			NO WINGSPAN RESTRICTIONS

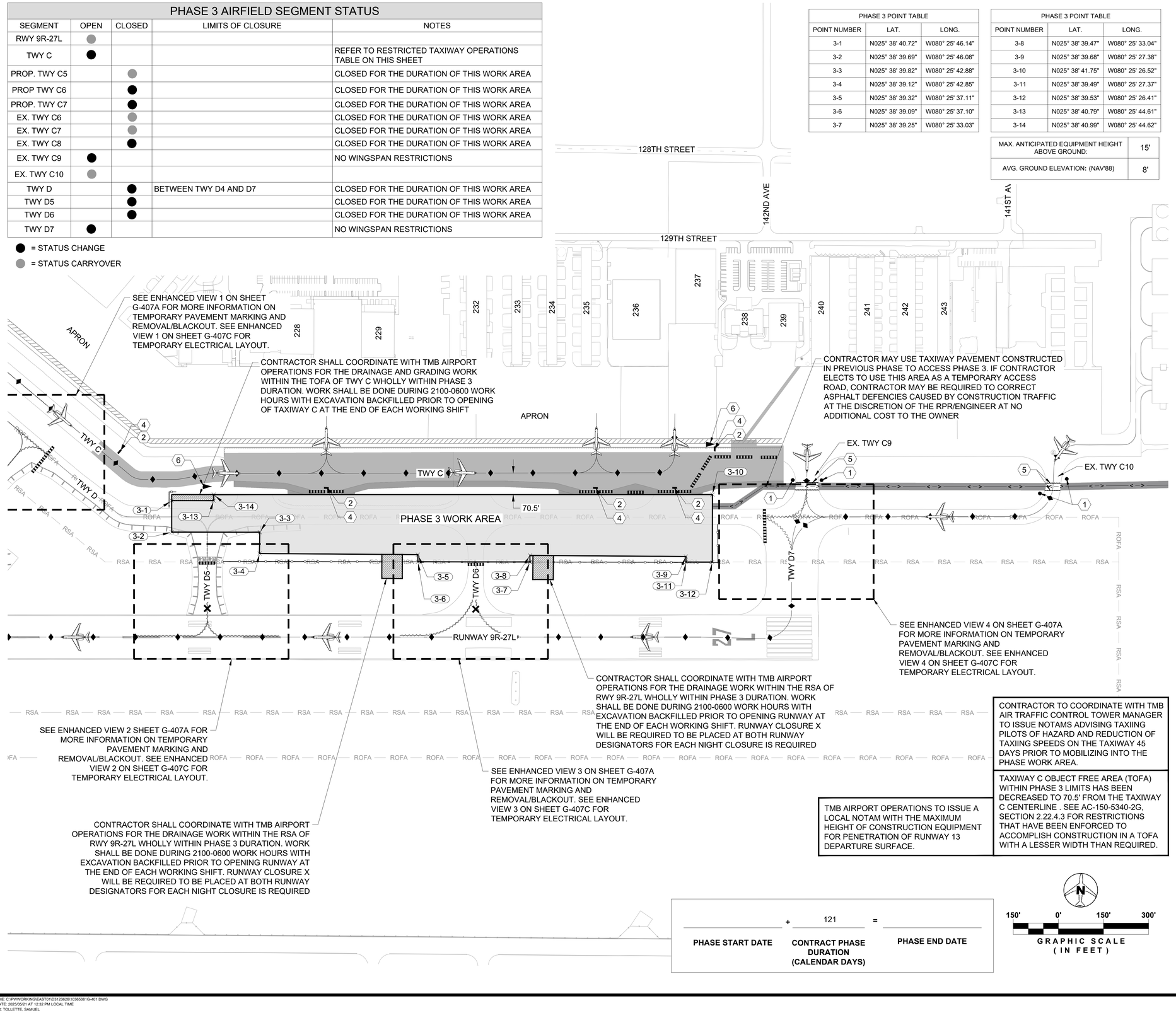
● = STATUS CHANGE

● = STATUS CARRYOVER

PHASE 3 POINT TABLE		
POINT NUMBER	LAT.	LONG.
3-1	N025° 38' 40.72"	W080° 25' 46.14"
3-2	N025° 38' 39.69"	W080° 25' 46.08"
3-3	N025° 38' 39.82"	W080° 25' 42.88"
3-4	N025° 38' 39.12"	W080° 25' 42.85"
3-5	N025° 38' 39.32"	W080° 25' 37.11"
3-6	N025° 38' 39.09"	W080° 25' 37.10"
3-7	N025° 38' 39.25"	W080° 25' 33.03"

PHASE 3 POINT TABLE		
POINT NUMBER	LAT.	LONG.
3-8	N025° 38' 39.47"	W080° 25' 33.04"
3-9	N025° 38' 39.68"	W080° 25' 27.38"
3-10	N025° 38' 41.75"	W080° 25' 26.52"
3-11	N025° 38' 39.49"	W080° 25' 27.37"
3-12	N025° 38' 39.53"	W080° 25' 26.41"
3-13	N025° 38' 40.79"	W080° 25' 44.61"
3-14	N025° 38' 40.99"	W080° 25' 44.62"

MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'



CONTRACTOR TO COORDINATE WITH TMB AIR TRAFFIC CONTROL TOWER MANAGER TO ISSUE NOTAMS ADVISING TAXIING PILOTS OF HAZARD AND REDUCTION OF TAXIING SPEEDS ON THE TAXIWAY 45 DAYS PRIOR TO MOBILIZING INTO THE PHASE WORK AREA.

TAXIWAY C OBJECT FREE AREA (TOFA) WITHIN PHASE 3 LIMITS HAS BEEN DECREASED TO 70.5' FROM THE TAXIWAY C CENTERLINE . SEE AC-150-5340-2G, SECTION 2.22.4.3 FOR RESTRICTIONS THAT HAVE BEEN ENFORCED TO ACCOMPLISH CONSTRUCTION IN A TOFA WITH A LESSER WIDTH THAN REQUIRED.

TMB AIRPORT OPERATIONS TO ISSUE A LOCAL NOTAM WITH THE MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT FOR PENETRATION OF RUNWAY 13 DEPARTURE SURFACE.

PHASE START DATE	+	CONTRACT PHASE DURATION (CALENDAR DAYS)	=	PHASE END DATE
		121		

N

150' 0' 150' 300'

GRAPHIC SCALE (IN FEET)

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

NOTES

WORK HOURS: MON - FRI (07:00 TO 17:00)

1. CURRENT PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

PHASE 3 WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   - -APPLY EROSION CONTROL MEASURES
   - -DEMOLISH EXISTING PAVEMENT
   - -STRIP AND PERFORM INITIAL EARTHWORK
   - -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD ELECTRICAL
   - -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD DRAINAGE
   - -CONSTRUCT PROPOSED PAVEMENT
   - -PERFORM FINAL GRADING AND INSTALL SOD
   - -APPLY TEMPORARY AND PERMANENT PAVEMENT MARKINGS
4. REMOVE PHASE SPECIFIC MOT ITEMS

RESTRICTED TAXIWAY OPERATIONS DATA TABLE

SEGMENT	OBJECT FREE AREA WIDTH FROM TWY CL (FT)	OBJECT FREE AREA WIDTH FROM TWY EDGE OF PAVEMENT (FT)	MAXIMUM WINGSPAN (FT)
TWY C	70.5	45.5	95

DATE	DESCRIPTION	MARK
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

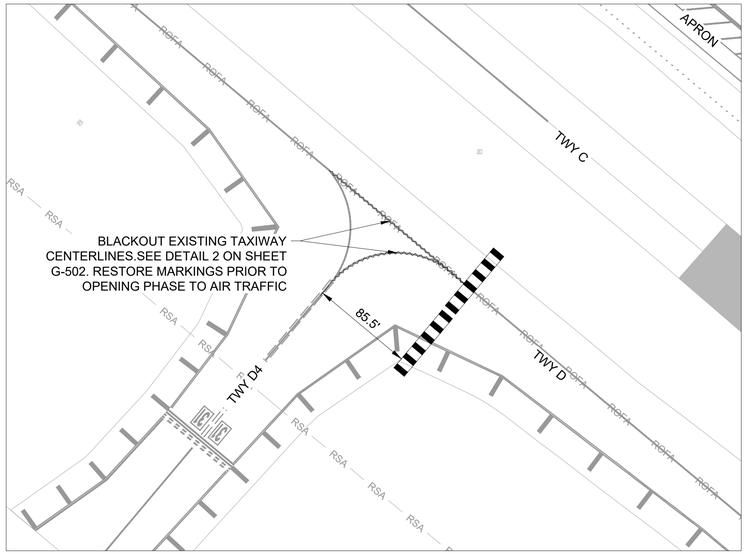
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CONSTRUCTION PHASE 3 PLAN

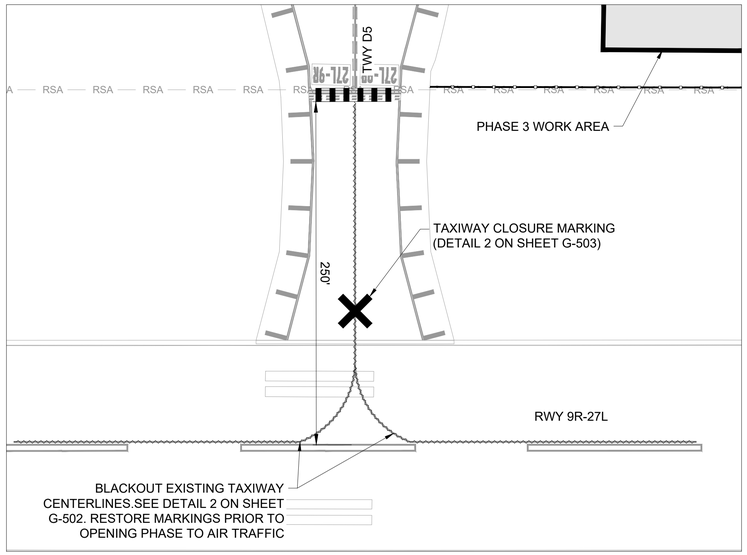
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-407

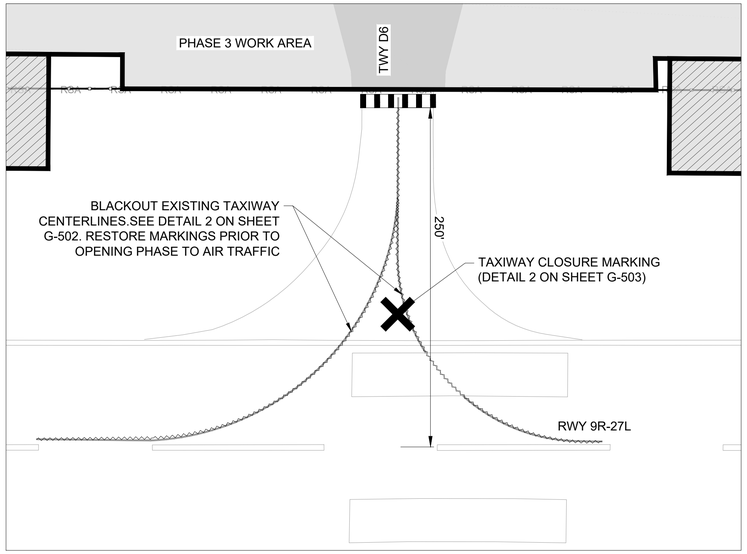
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PLOT DATE: 2025/05/21 AT 12:32 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



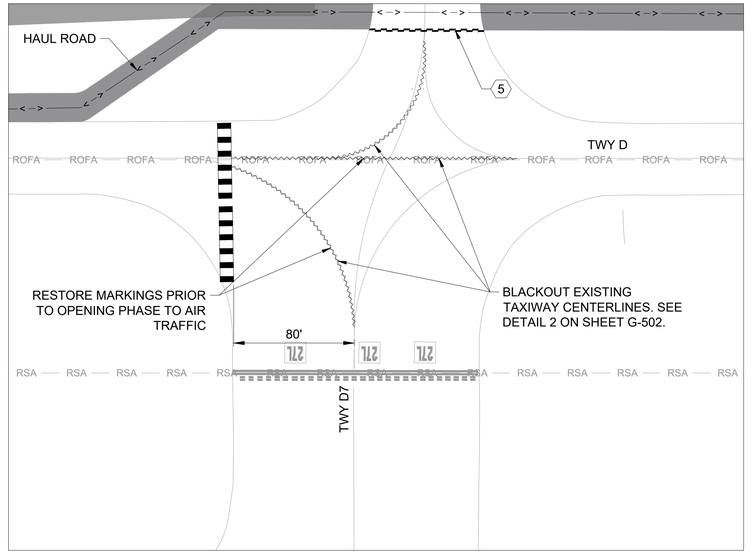
1 PHASING ENHANCED VIEW 1
SCALE: 1" = 50'



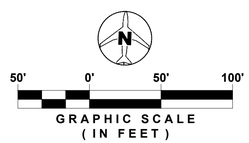
2 PHASING ENHANCED VIEW 2
SCALE: 1" = 50'



3 PHASING ENHANCED VIEW 3
SCALE: 1" = 50'



4 PHASING ENHANCED VIEW 4
SCALE: 1" = 50'



LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

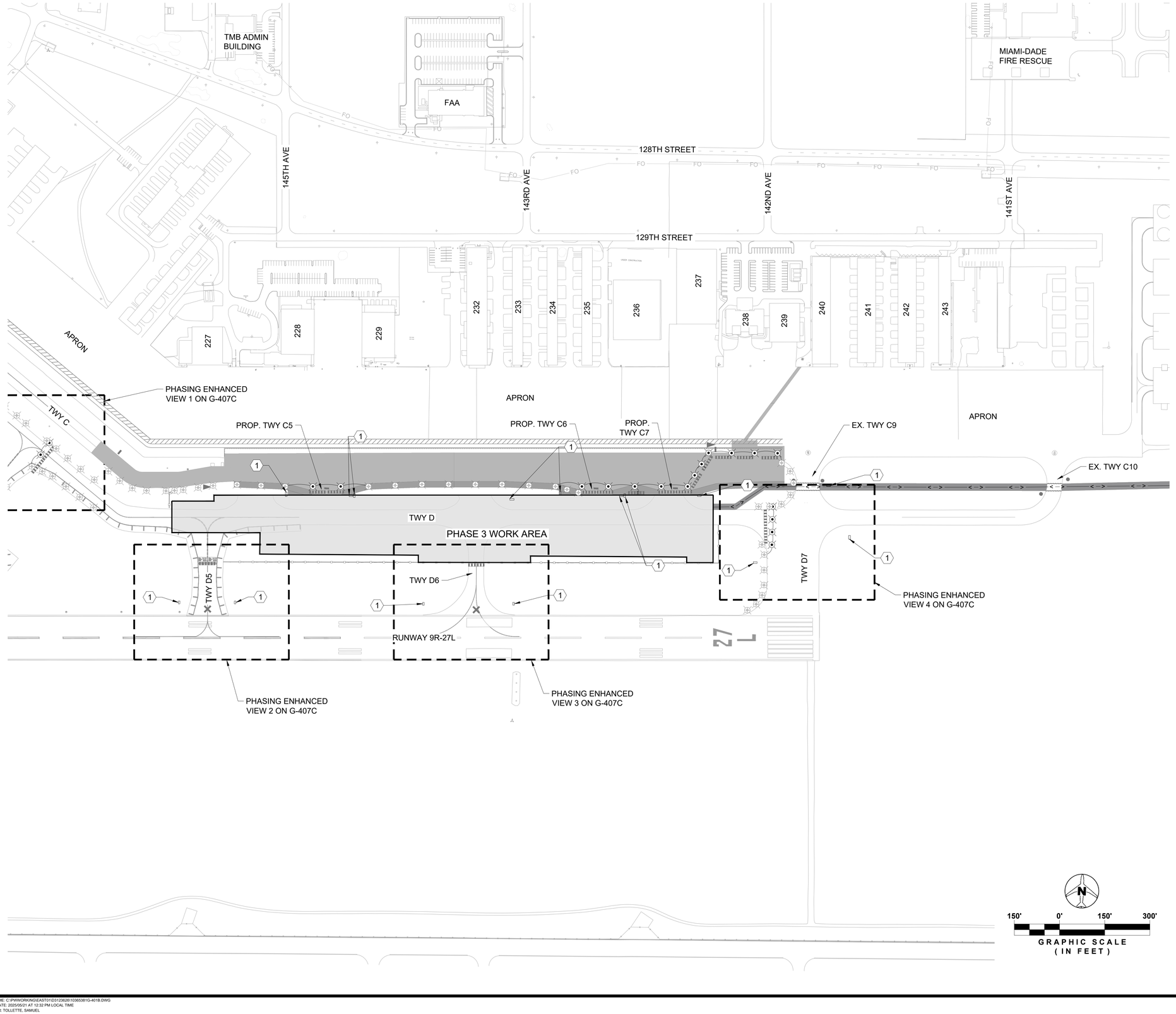
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CONSTRUCTION PHASE 3 PLAN ENHANCED

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-407A

FILENAME: C:\PWWORKING\EAST01\D3123626\I10365381G-401.DWG
PLOT DATE: 2025/05/21 AT 12:32 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)
- EXISTING LIGHT OR LIGHT INSTALLED IN PREVIOUS PHASE
- TEMPORARY TAXIWAY EDGE LIGHT AS PER DETAIL 4 ON SHEET E-401
- TEMPORARY CONDUIT AND CABLES AS PER DETAIL 4 ON SHEET E-401

NOTES

1. SEE E-100 SERIES DRAWINGS FOR ELECTRICAL DEMOLITION DRAWINGS.
2. REFER TO SHEETS G-400 SERIES DRAWINGS FOR ADDITIONAL PHASING INFORMATION.
3. LIGHTS INSIDE OF CLOSURE AREA SHALL BE COVERED UNTIL LIGHT IS DISCONNECTED.

KEYNOTES

(1) COVER GUIDANCE SIGN FOR MOVEMENTS NO LONGER AVAILABLE AS PER CURRENT PHASING

N

150' 0' 150' 300'

GRAPHIC SCALE (IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	I. DENHOLM
DRAWN BY:	J.PORTER
CHECKED BY:	M.TATARA
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE E 230
DORAL, FL 33166
(305) 728-7452

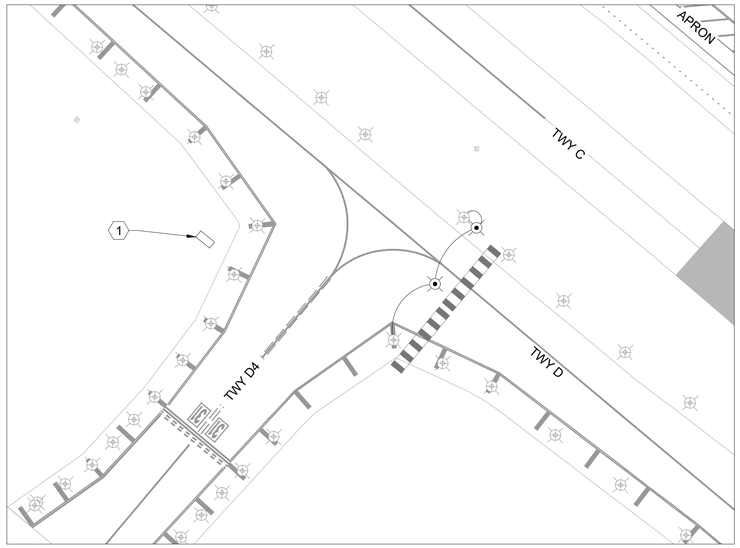
PHASE 3 TEMPORARY LIGHTING PLAN - 1

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

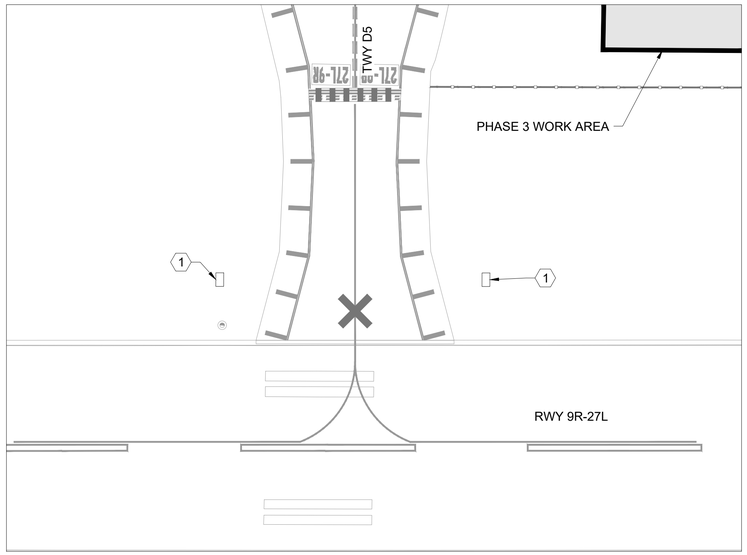
SHEET ID

G-407B

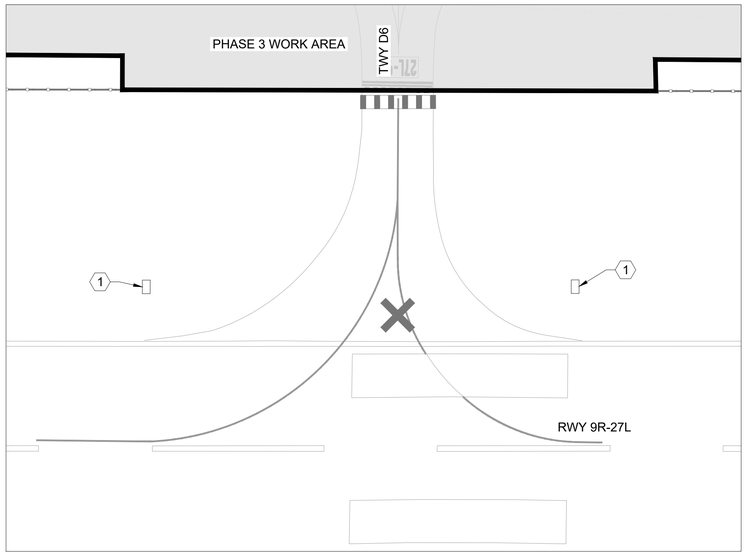
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PLOT DATE: 2025/05/21 AT 12:32 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



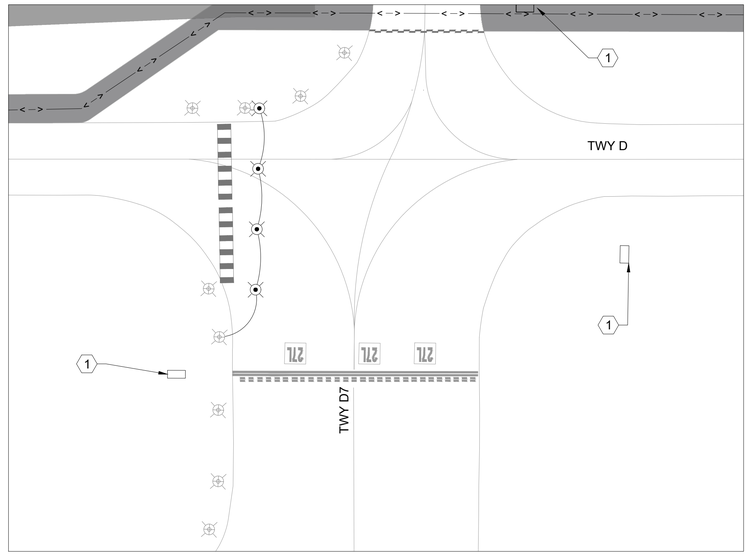
1 PHASING ENHANCED VIEW 1
SCALE: 1" = 50'



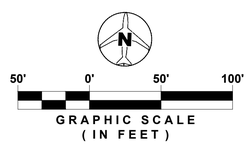
2 PHASING ENHANCED VIEW 2
SCALE: 1" = 50'



3 PHASING ENHANCED VIEW 3
SCALE: 1" = 50'



4 PHASING ENHANCED VIEW 4
SCALE: 1" = 50'



LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)
- EXISTING LIGHT OR LIGHT INSTALLED IN PREVIOUS PHASE
- TEMPORARY TAXIWAY EDGE LIGHT AS PER DETAIL 4 ON SHEET E-401
- TEMPORARY CONDUIT AND CABLES AS PER DETAIL 4 ON SHEET E-401

NOTES

1. SEE E-100 SERIES DRAWINGS FOR ELECTRICAL DEMOLITION DRAWINGS.
2. REFER TO SHEETS G-400 SERIES DRAWINGS FOR ADDITIONAL PHASING INFORMATION.
3. LIGHTS INSIDE OF CLOSURE AREA SHALL BE COVERED UNTIL LIGHT IS DISCONNECTED.

KEYNOTES

1. COVER GUIDANCE SIGN FOR MOVEMENTS NO LONGER AVAILABLE AS PER CURRENT PHASING

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M.TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

PHASE 3 TEMPORARY LIGHTING PLAN - 2

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-407C

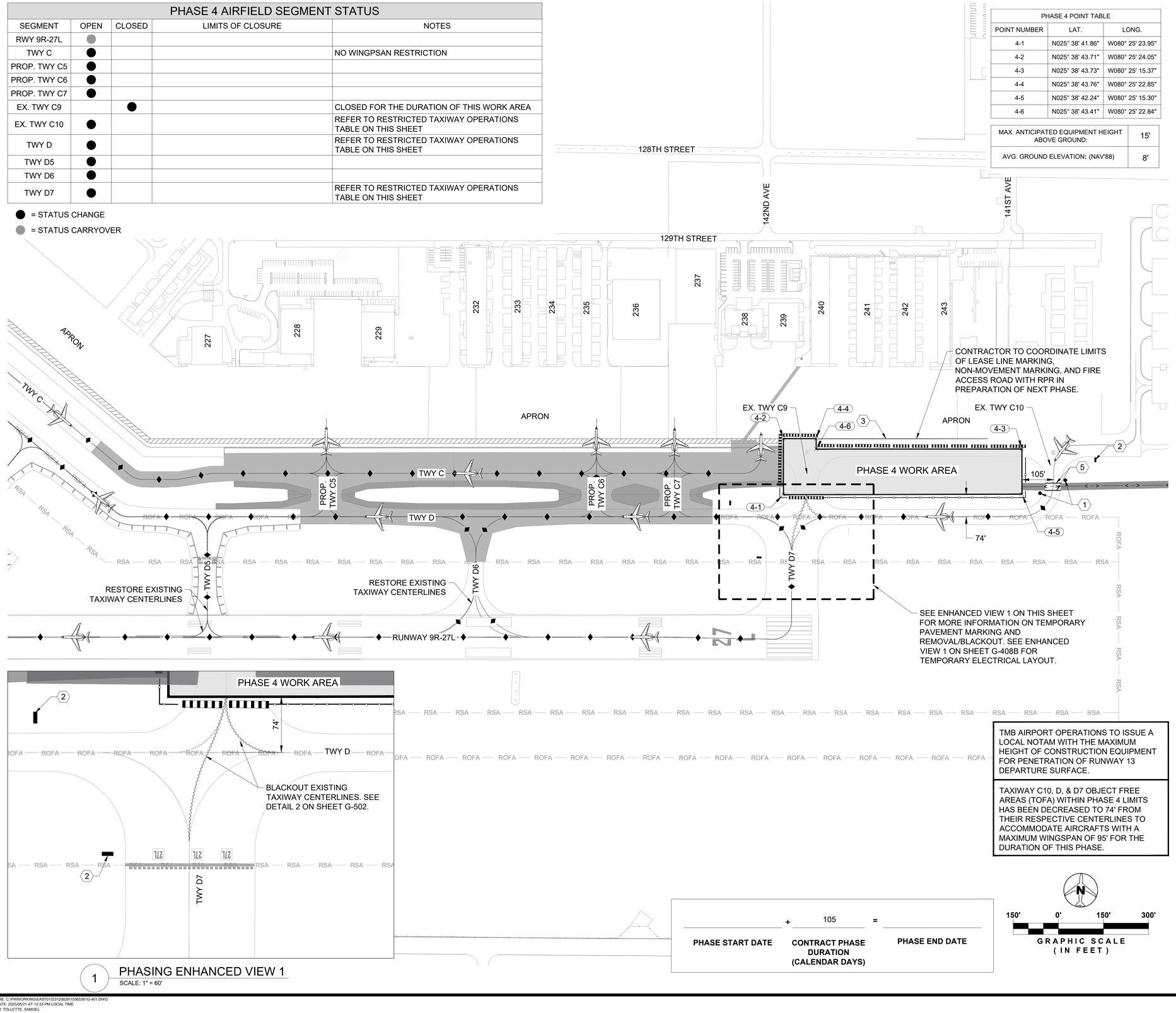
FILENAME: C:\PWWORKING\EAST01\D312362B\I10365381G-401B.DWG
PLOT DATE: 2025/05/21 AT 12:32 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PHASE 4 AIRFIELD SEGMENT STATUS				
SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L	○			
TWY C	●			NO WINGPSAN RESTRICTION
PROP. TWY C5	●			
PROP. TWY C6	●			
PROP. TWY C7	●			
EX. TWY C9		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C10	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
TWY D	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
TWY D5	●			
TWY D6	●			
TWY D7	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET

● = STATUS CHANGE
○ = STATUS CARRYOVER

PHASE 4 POINT TABLE		
POINT NUMBER	LAT.	LONG.
4-1	N025° 38' 41.86"	W080° 25' 23.95"
4-2	N025° 38' 43.71"	W080° 25' 24.05"
4-3	N025° 38' 43.73"	W080° 25' 15.37"
4-4	N025° 38' 43.76"	W080° 25' 22.85"
4-5	N025° 38' 42.24"	W080° 25' 15.30"
4-6	N025° 38' 43.41"	W080° 25' 22.84"

MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'



1 PHASING ENHANCED VIEW 1
SCALE: 1" = 60'

TMB AIRPORT OPERATIONS TO ISSUE A LOCAL NOTAM WITH THE MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT FOR PENETRATION OF RUNWAY 13 DEPARTURE SURFACE.

TAXIWAY C10, D, & D7 OBJECT FREE AREAS (TOFA) WITHIN PHASE 4 LIMITS HAS BEEN DECREASED TO 74' FROM THEIR RESPECTIVE CENTERLINES TO ACCOMMODATE AIRCRAFTS WITH A MAXIMUM WINGSPAN OF 95' FOR THE DURATION OF THIS PHASE.

_____ PHASE START DATE	+ 105 CONTRACT PHASE DURATION (CALENDAR DAYS)	= _____ PHASE END DATE

N
150' 0' 150' 300'
GRAPHIC SCALE (IN FEET)

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

NOTES

WORK HOURS: MON - FRI (07:00 TO 17:00)

1. CURRENT PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

PHASE 4 WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   -APPLY EROSION CONTROL MEASURES
   -DEMOLISH EXISTING PAVEMENT
   -STRIP AND PERFORM INITIAL EARTHWORK
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD ELECTRICAL
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD DRAINAGE
   -CONSTRUCT PROPOSED PAVEMENT
   -PERFORM FINAL GRADING AND INSTALL SOD
   -APPLY TEMPORARY AND PERMANENT PAVEMENT MARKINGS
   -APPLY PERMANENT NON-MOVEMENT MARKINGS
4. REMOVE PHASE SPECIFIC MOT ITEMS

RESTRICTED TAXIWAY OPERATIONS DATA TABLE

SEGMENT	OBJECT FREE AREA WIDTH FROM TWY CL (FT)	OBJECT FREE AREA WIDTH FROM TWY EDGE OF PAVEMENT (FT)	MAXIMUM WINGSPAN (FT)
EX. TWY C10	74	49	95
TWY D	74	49	95
TWY D7	74	49	95

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

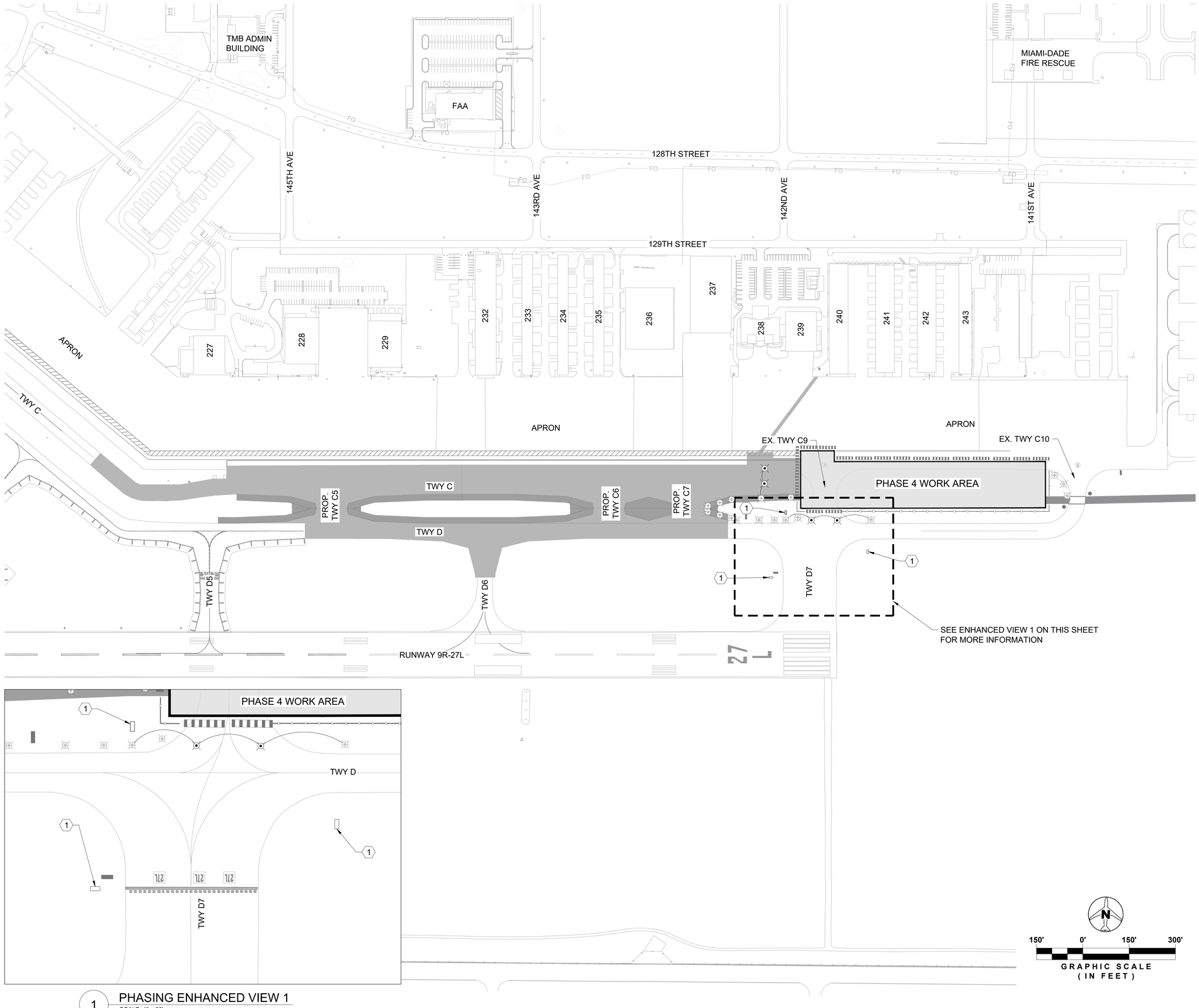
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CONSTRUCTION PHASE 4 PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-408

FILENAME: C:\PWWORKING\EAST01\D312362E\103653\8G-401.DWG
PLOT DATE: 2025/05/21 AT 12:33 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



1 PHASING ENHANCED VIEW 1
SCALE: 1" = 60'

N
150' 0' 150' 300'
GRAPHIC SCALE
(IN FEET)

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)
- EXISTING LIGHT OR LIGHT INSTALLED IN PREVIOUS PHASE
- TEMPORARY TAXIWAY EDGE LIGHT AS PER DETAIL 4 ON SHEET E-401
- TEMPORARY CONDUIT AND CABLES AS PER DETAIL 4 ON SHEET E-401

NOTES

1. SEE E-100 SERIES DRAWINGS FOR ELECTRICAL DEMOLITION DRAWINGS.
2. REFER TO SHEETS G-400 SERIES DRAWINGS FOR ADDITIONAL PHASING INFORMATION.
3. LIGHTS INSIDE OF CLOSURE AREA SHALL BE COVERED UNTIL LIGHT IS DISCONNECTED.

KEYNOTES

1. COVER GUIDANCE SIGN FOR MOVEMENTS NO LONGER AVAILABLE AS PER CURRENT PHASING

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M.TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

PHASE 4 TEMPORARY LIGHTING PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-408B

FILENAME: C:\PWWORKING\EAST01\D3123626\I10365381\G-401B.DWG
PLOT DATE: 2025/05/21 AT 12:33 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PHASE 5 AIRFIELD SEGMENT STATUS

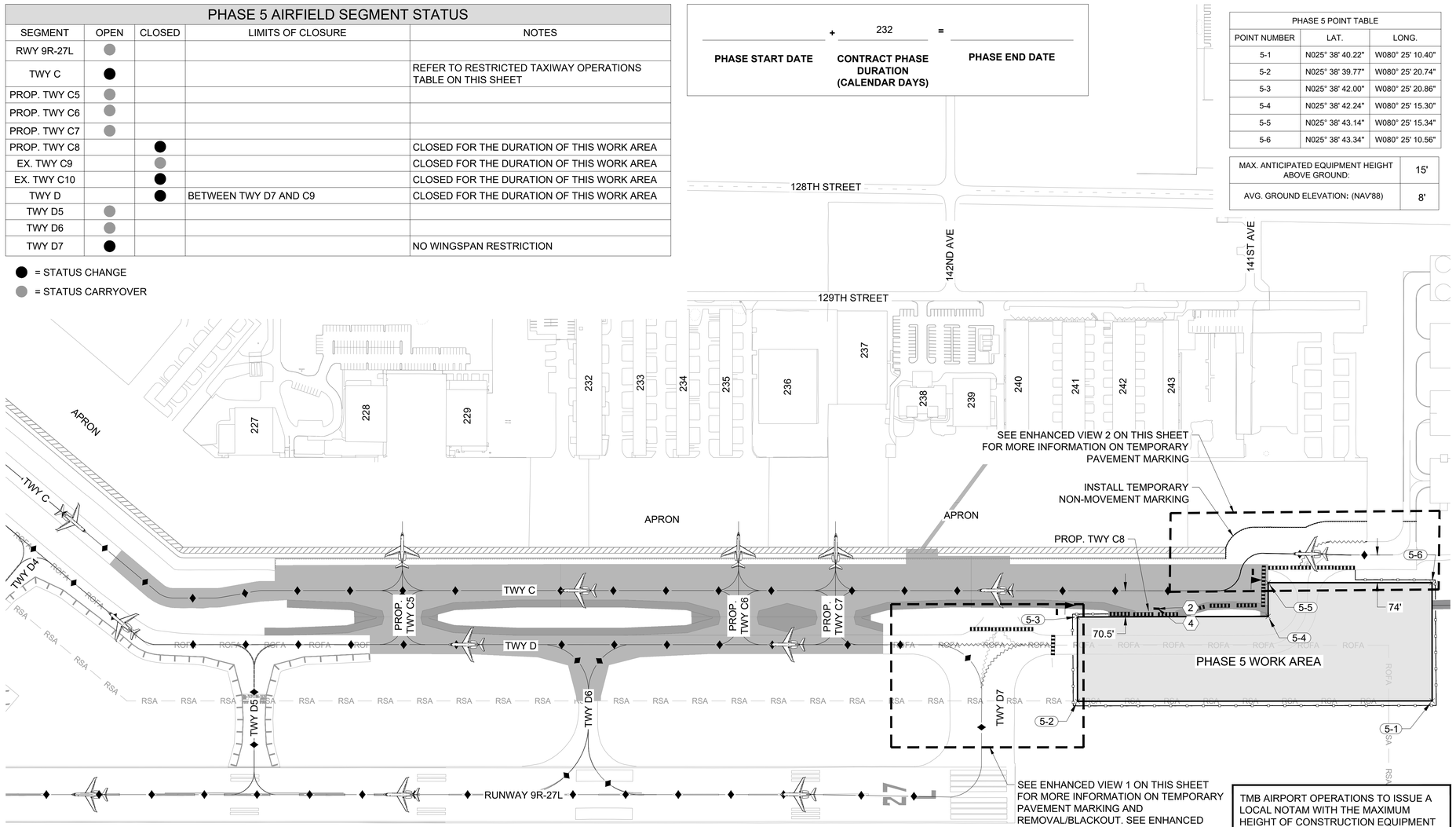
SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L	●			
TWY C	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
PROP. TWY C5	●			
PROP. TWY C6	●			
PROP. TWY C7	●			
PROP. TWY C8		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C9		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C10		●		CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D		●	BETWEEN TWY D7 AND C9	CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D5	●			
TWY D6	●			
TWY D7	●			NO WINGSPAN RESTRICTION

● = STATUS CHANGE
● = STATUS CARRYOVER

_____ + 232 = _____
PHASE START DATE / CONTRACT PHASE DURATION (CALENDAR DAYS) / PHASE END DATE

PHASE 5 POINT TABLE		
POINT NUMBER	LAT.	LONG.
5-1	N025° 38' 40.22"	W080° 25' 10.40"
5-2	N025° 38' 39.77"	W080° 25' 20.74"
5-3	N025° 38' 42.00"	W080° 25' 20.86"
5-4	N025° 38' 42.24"	W080° 25' 15.30"
5-5	N025° 38' 43.14"	W080° 25' 15.34"
5-6	N025° 38' 43.34"	W080° 25' 10.56"

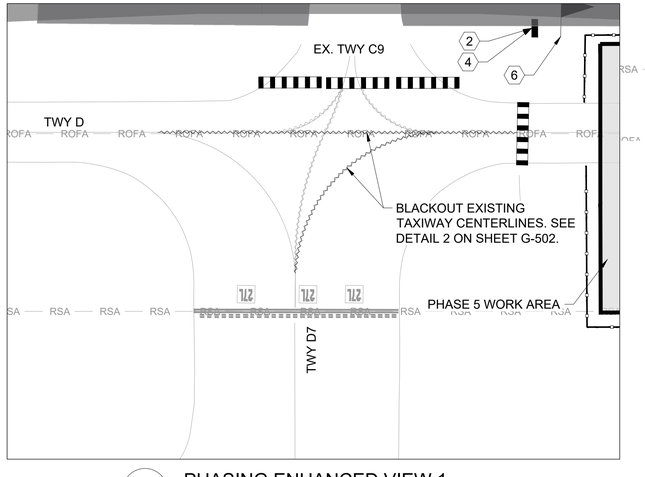
MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'



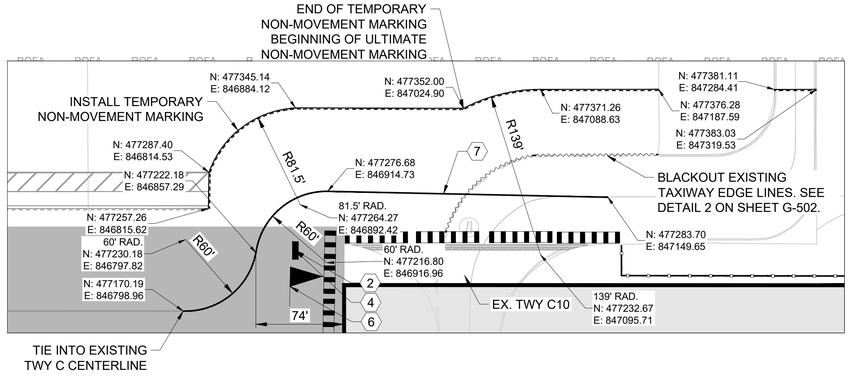
TMB AIRPORT OPERATIONS TO ISSUE A LOCAL NOTAM WITH THE MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT FOR PENETRATION OF RUNWAY 13 DEPARTURE SURFACE.

CONTRACTOR TO COORDINATE WITH TMB AIR TRAFFIC CONTROL TOWER MANAGER TO ISSUE NOTAMS ADVISING TAXIING PILOTS OF HAZARD AND REDUCTION OF TAXIING SPEEDS ON THE TAXIWAY 45 DAYS PRIOR TO MOBILIZING INTO THE PHASE WORK AREA.

TAXIWAY C OBJECT FREE AREA (TOFA) WITHIN PHASE 5 LIMITS HAS BEEN DECREASED TO 70.5' FROM THE TAXIWAY C CENTERLINE EAST OF TWY C7 . SEE AC-150-5340-2G, SECTION 2.22.4.3 FOR RESTRICTIONS THAT HAVE BEEN ENFORCED TO ACCOMPLISH CONSTRUCTION IN A TOFA WITH A LESSER WIDTH THAN REQUIRED.



1 PHASING ENHANCED VIEW 1
SCALE: 1" = 60'



2 PHASING ENHANCED VIEW 2
SCALE: 1" = 60'

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

NOTES

WORK HOURS: MON - FRI (07:00 TO 17:00)

1. CURRENT PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.
3. CONTRACTOR IS EXPECTED TO MAINTAIN CONSISTENT PROGRESS ON CONSTRUCTION ACTIVITIES THROUGHOUT THIS PHASE, WHILE ITS SUB-PHASES ARE ACTIVE.

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

PHASE 5 WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   -APPLY EROSION CONTROL MEASURES
   -DEMOLISH EXISTING PAVEMENT
   -STRIP AND PERFORM INITIAL EARTHWORK
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD ELECTRICAL
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD DRAINAGE
   -CONSTRUCT PROPOSED PAVEMENT
   -PERFORM FINAL GRADING AND INSTALL SOD
   -APPLY TEMPORARY AND PERMANENT PAVEMENT MARKINGS
   -APPLY PERMANENT NON-MOVEMENT MARKINGS
4. REMOVE PHASE SPECIFIC MOT ITEMS

RESTRICTED TAXIWAY OPERATIONS DATA TABLE

SEGMENT	OBJECT FREE AREA WIDTH FROM TWY CL (FT)	OBJECT FREE AREA WIDTH FROM TWY EDGE OF PAVEMENT (FT)	MAXIMUM WINGSPAN (FT)
TWY C	70.5	45.5	95

N

150' 0' 150' 300'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

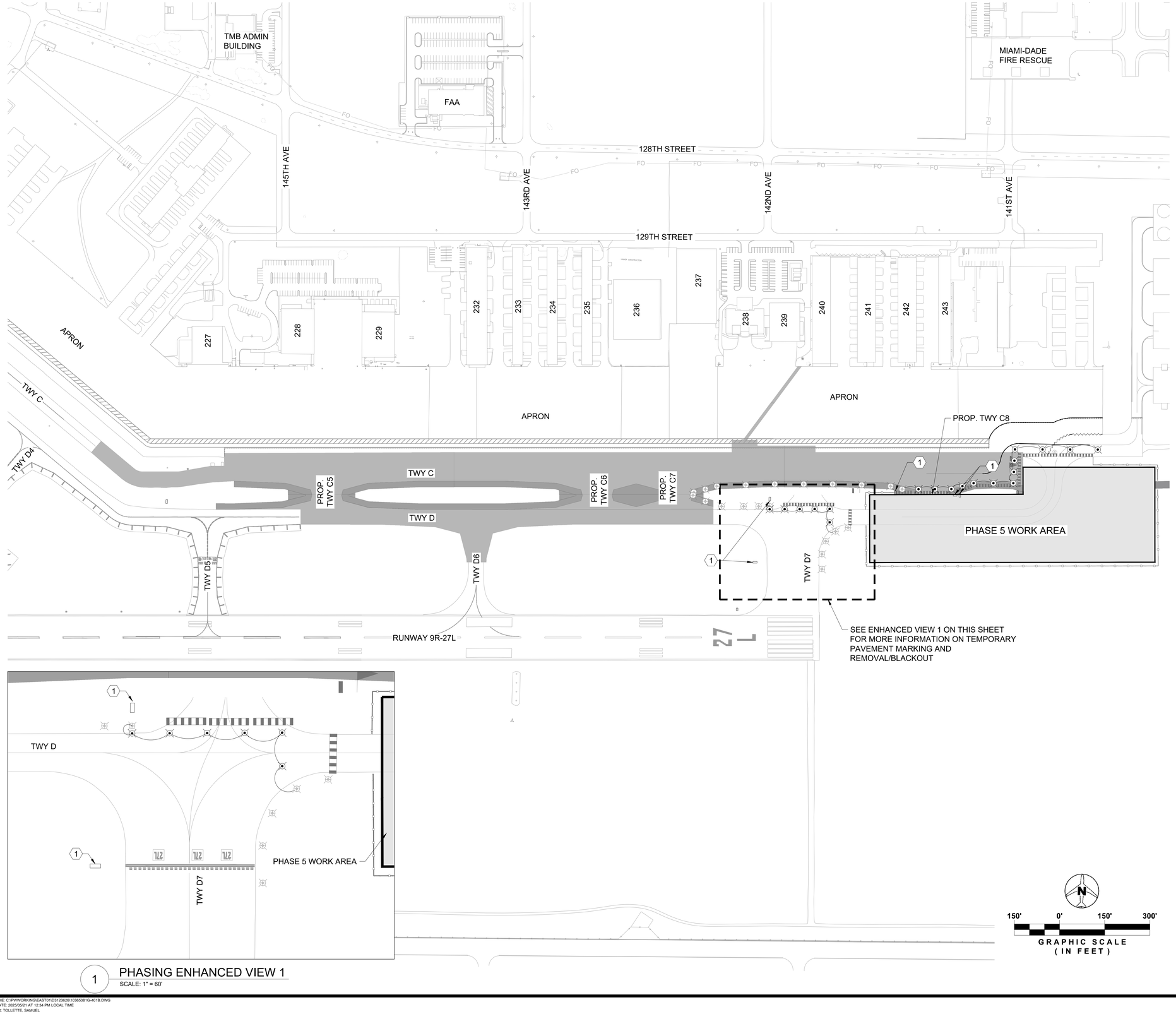
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CONSTRUCTION PHASE 5 PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-409

FILENAME: C:\PW\WORKING\EAST01\D31236261\I3565381G-401.DWG
PLOT DATE: 2025/05/21 AT 12:33 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



1 PHASING ENHANCED VIEW 1
SCALE: 1" = 60'

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)
- EXISTING LIGHT OR LIGHT INSTALLED IN PREVIOUS PHASE
- TEMPORARY TAXIWAY EDGE LIGHT AS PER DETAIL 4 ON SHEET E-401
- TEMPORARY CONDUIT AND CABLES AS PER DETAIL 4 ON SHEET E-401

NOTES

1. SEE E-100 SERIES DRAWINGS FOR ELECTRICAL DEMOLITION DRAWINGS.
2. REFER TO SHEETS G-400 SERIES DRAWINGS FOR ADDITIONAL PHASING INFORMATION.
3. LIGHTS INSIDE OF CLOSURE AREA SHALL BE COVERED UNTIL LIGHT IS DISCONNECTED.

KEYNOTES

1. COVER GUIDANCE SIGN FOR MOVEMENTS NO LONGER AVAILABLE AS PER CURRENT PHASING

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

DESIGNED BY: I. DENHOLM	ISSUE DATE: 11/22/2024
DRAWN BY: J.PORTER	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: M.TATARA	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
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(305) 728-7452

PHASE 5 TEMPORARY LIGHTING PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-409B

FILENAME: C:\PW\WORKING\EAST01\D312362610\3653816-401B.DWG
PLOT DATE: 2025/05/21 AT 12:34 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

SUB-PHASE 5A AIRFIELD SEGMENT STATUS

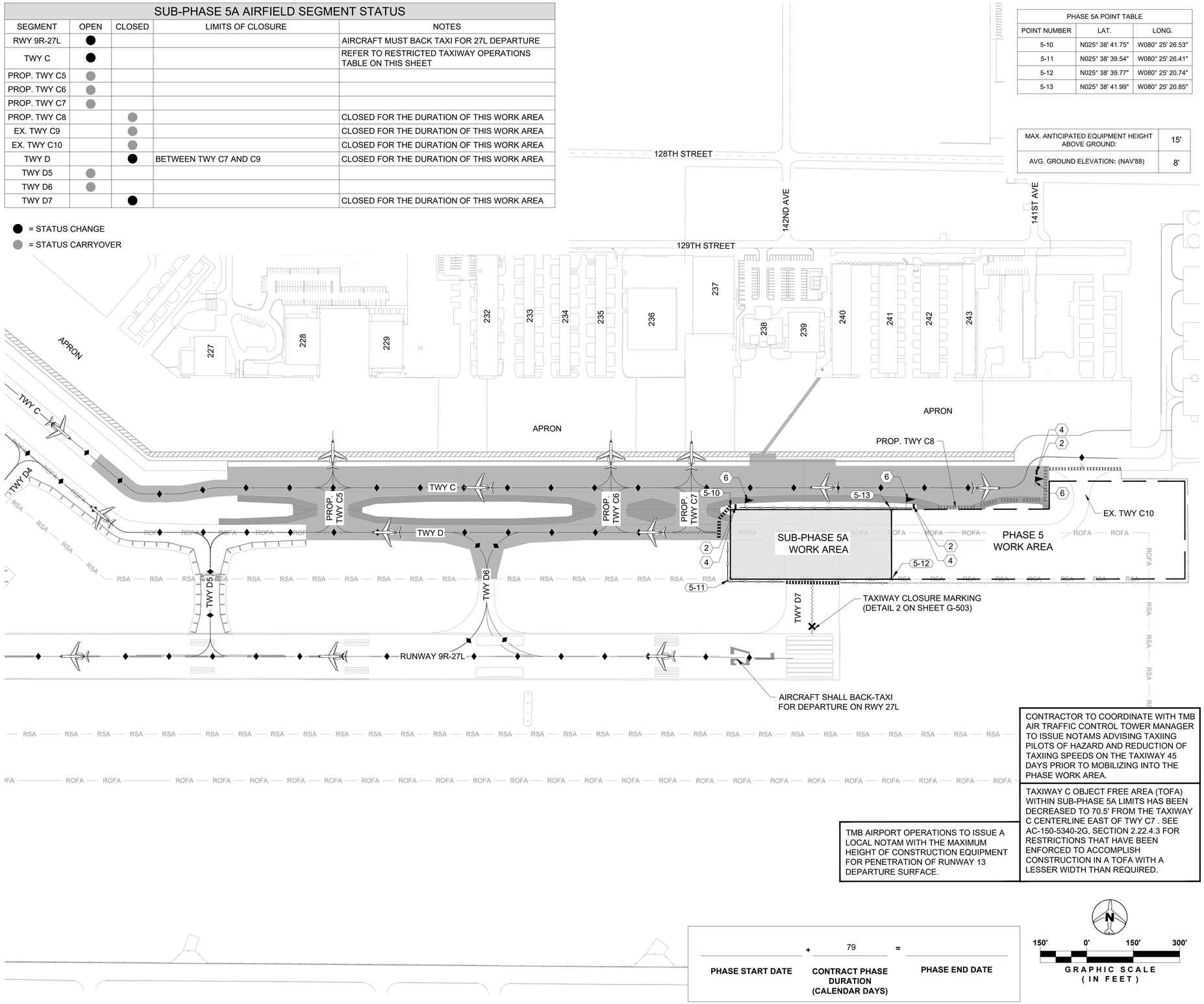
SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L	●			AIRCRAFT MUST BACK TAXI FOR 27L DEPARTURE
TWY C	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
PROP. TWY C5	●			
PROP. TWY C6	●			
PROP. TWY C7	●			
PROP. TWY C8		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C9		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C10		●		CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D		●	BETWEEN TWY C7 AND C9	CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D5	●			
TWY D6	●			
TWY D7		●		CLOSED FOR THE DURATION OF THIS WORK AREA

● = STATUS CHANGE

● = STATUS CARRYOVER

PHASE 5A POINT TABLE		
POINT NUMBER	LAT.	LONG.
5-10	N025° 38' 41.75"	W080° 25' 26.53"
5-11	N025° 38' 39.54"	W080° 25' 26.41"
5-12	N025° 38' 39.77"	W080° 25' 20.74"
5-13	N025° 38' 41.99"	W080° 25' 20.85"

MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'



CONTRACTOR TO COORDINATE WITH TMB AIR TRAFFIC CONTROL TOWER MANAGER TO ISSUE NOTAMS ADVISING TAXIING PILOTS OF HAZARD AND REDUCTION OF TAXIING SPEEDS ON THE TAXIWAY 45 DAYS PRIOR TO MOBILIZING INTO THE PHASE WORK AREA.

TAXIWAY C OBJECT FREE AREA (TOFA) WITHIN SUB-PHASE 5A LIMITS HAS BEEN DECREASED TO 70.5' FROM THE TAXIWAY C CENTERLINE EAST OF TWY C7 . SEE AC-150-5340-2G, SECTION 2.22.4.3 FOR RESTRICTIONS THAT HAVE BEEN ENFORCED TO ACCOMPLISH CONSTRUCTION IN A TOFA WITH A LESSER WIDTH THAN REQUIRED.

TMB AIRPORT OPERATIONS TO ISSUE A LOCAL NOTAM WITH THE MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT FOR PENETRATION OF RUNWAY 13 DEPARTURE SURFACE.

PHASE START DATE	+ 79 CONTRACT PHASE DURATION (CALENDAR DAYS)	= PHASE END DATE

GRAPHIC SCALE (IN FEET)
150' 0' 150' 300'

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

NOTES

WORK HOURS: MON - FRI (07:00 TO 17:00)

1. CURRENT SUB-PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE. CONTRACTOR IS EXPECTED TO PROGRESS WITH WORK IN OVERALL PHASE 5 DURING THIS PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.
3. CONTRACTOR IS EXPECTED TO PERFORM CONSTRUCTION ACTIVITIES WITHIN THIS SUB-PHASE CONCURRENTLY WITH PHASE 5. TO ENSURE TIMELY COMPLETION, THE CONTRACTOR SHOULD PLAN FOR PROVIDING MULTIPLE CREWS, AS NEEDED, TO MEET THE SUB-PHASE SCHEDULE WITHIN THE DESIGNATED TIME FRAME.

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

SUB-PHASE 5A WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   -APPLY EROSION CONTROL MEASURES
   -DEMOLISH EXISTING PAVEMENT
   -STRIP AND PERFORM INITIAL EARTHWORK
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD ELECTRICAL
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD DRAINAGE
   -CONSTRUCT PROPOSED PAVEMENT
   -PERFORM FINAL GRADING AND INSTALL SOD
   -APPLY TEMPORARY AND PERMANENT PAVEMENT MARKINGS
   -APPLY PERMANENT NON-MOVEMENT MARKINGS
4. REMOVE PHASE SPECIFIC MOT ITEMS

RESTRICTED TAXIWAY OPERATIONS DATA TABLE

SEGMENT	OBJECT FREE AREA WIDTH FROM TWY CL (FT)	OBJECT FREE AREA WIDTH FROM TWY EDGE OF PAVEMENT (FT)	MAXIMUM WINGSPAN (FT)
TWY C	70.5	45.5	95

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

MARK	DESCRIPTION	DATE
-	-	-

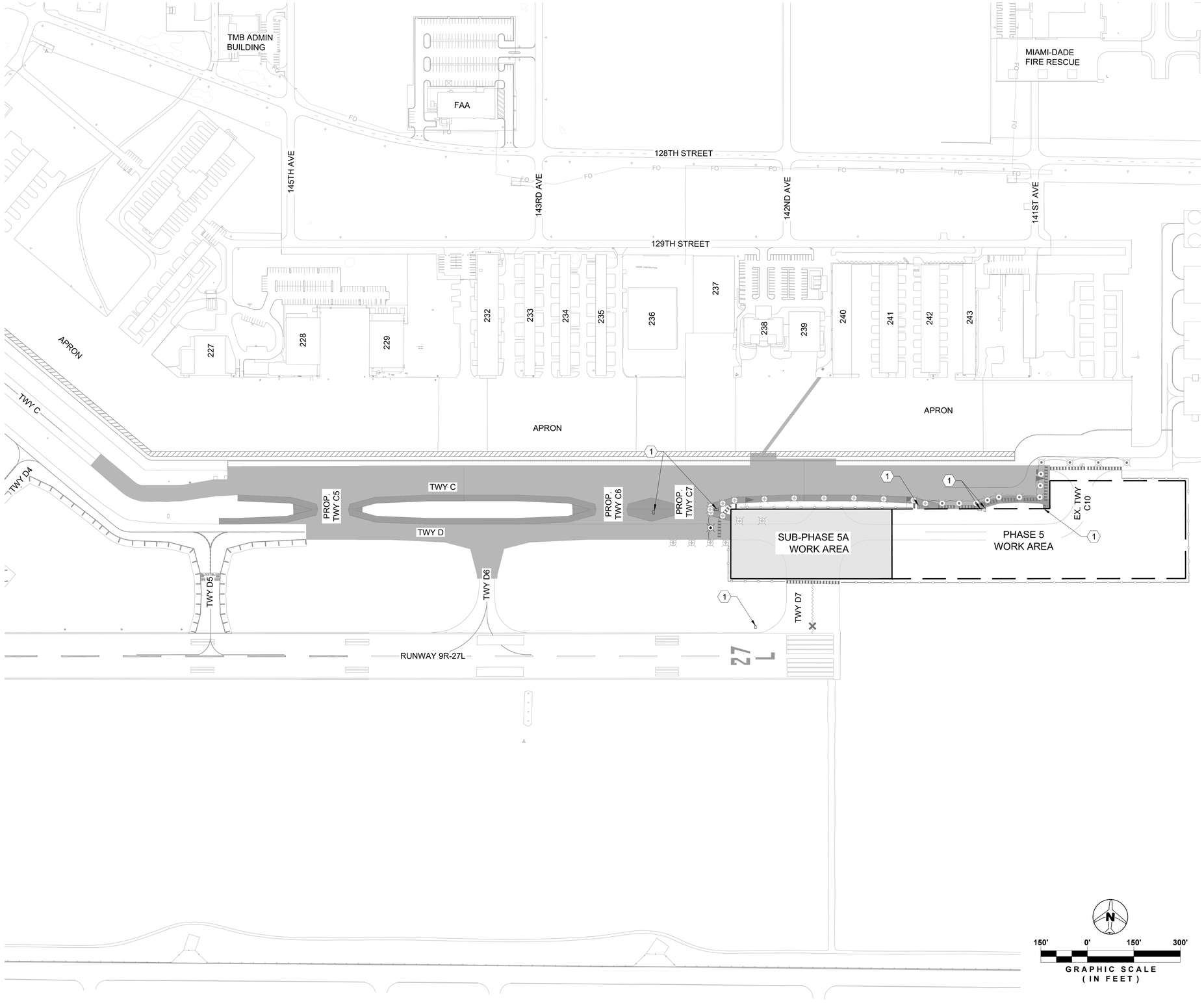
LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

CONSTRUCTION SUB-PHASE 5A PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-410

FILENAME: C:\PWWORKING\EAST01\D312362B\103653816-401.DWG
PLOT DATE: 2025/05/21 AT 12:34 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)
- EXISTING LIGHT OR LIGHT INSTALLED IN PREVIOUS PHASE
- TEMPORARY TAXIWAY EDGE LIGHT AS PER DETAIL 4 ON SHEET E-401
- TEMPORARY CONDUIT AND CABLES AS PER DETAIL 4 ON SHEET E-401

NOTES

1. SEE E-100 SERIES DRAWINGS FOR ELECTRICAL DEMOLITION DRAWINGS.
2. REFER TO SHEETS G-400 SERIES DRAWINGS FOR ADDITIONAL PHASING INFORMATION.
3. LIGHTS INSIDE OF CLOSURE AREA SHALL BE COVERED UNTIL LIGHT IS DISCONNECTED.

KEYNOTES

(1) COVER GUIDANCE SIGN FOR MOVEMENTS NO LONGER AVAILABLE AS PER CURRENT PHASING

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M.TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
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HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

PHASE 5A TEMPORARY LIGHTING PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-410B

FILENAME: C:\PW\WORKING\EAST01\D3123626\I10365381G-401B.DWG
PLOT DATE: 2025/05/21 AT 12:34 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

SUB-PHASE 5B AIRFIELD SEGMENT STATUS

SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L		●		CLOSED FOR THE DURATION OF THIS WORK AREA
TWY C	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
PROP. TWY C5	●			
PROP. TWY C6	●			
PROP. TWY C7	●			
PROP. TWY C8		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C9		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C10		●		CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D		●	BETWEEN TWY C7 AND C9	CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D5		●		CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D6		●		CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D7		●		CLOSED FOR THE DURATION OF THIS WORK AREA

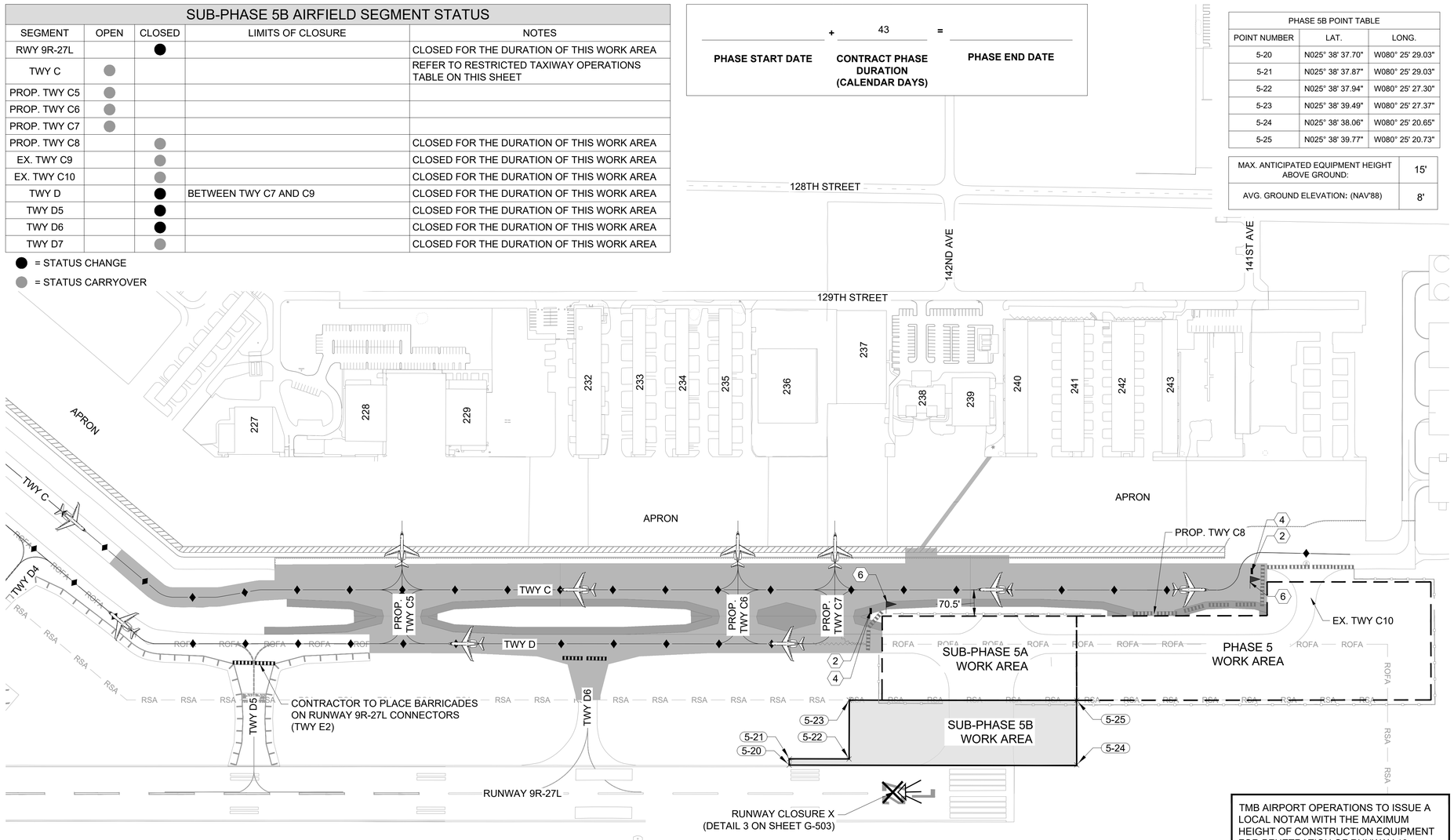
● = STATUS CHANGE

● = STATUS CARRYOVER

_____ + 43 = _____
PHASE START DATE / CONTRACT PHASE DURATION (CALENDAR DAYS) / PHASE END DATE

PHASE 5B POINT TABLE		
POINT NUMBER	LAT.	LONG.
5-20	N025° 38' 37.70"	W080° 25' 29.03"
5-21	N025° 38' 37.87"	W080° 25' 29.03"
5-22	N025° 38' 37.94"	W080° 25' 27.30"
5-23	N025° 38' 39.49"	W080° 25' 27.37"
5-24	N025° 38' 38.06"	W080° 25' 20.65"
5-25	N025° 38' 39.77"	W080° 25' 20.73"

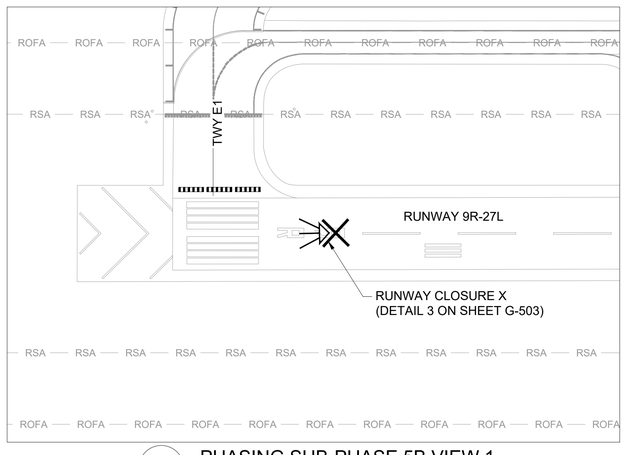
MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'



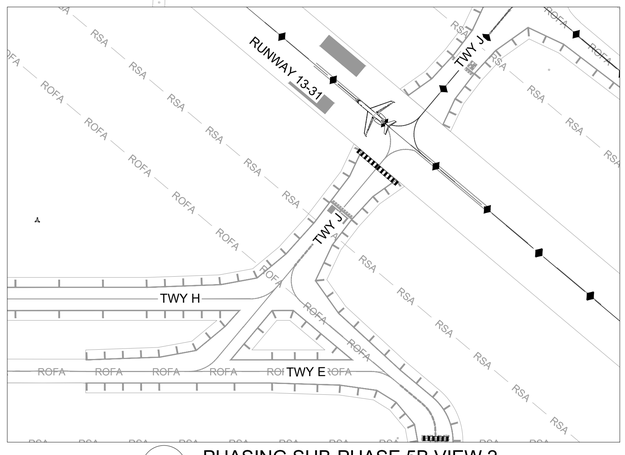
TMB AIRPORT OPERATIONS TO ISSUE A LOCAL NOTAM WITH THE MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT FOR PENETRATION OF RUNWAY 13 DEPARTURE SURFACE.

PHASE AREA TO OPEN TO AIR TRAFFIC AT THE END OF EACH WORK PERIOD. TEMPORARY TRANSITION WEDGES IN ACCORDANCE WITH DETAIL 5 ON SHEET C-310 MUST BE CONSTRUCTED EACH NIGHT.

CONTRACTOR TO COORDINATE WITH TMB AIR TRAFFIC CONTROL TOWER MANAGER TO ISSUE NOTAMS ADVISING TAXIING PILOTS OF HAZARD AND REDUCTION OF TAXIING SPEEDS ON THE TAXIWAY 45 DAYS PRIOR TO MOBILIZING INTO THE PHASE WORK AREA.



1 PHASING SUB-PHASE 5B VIEW 1
SCALE: 1" = 150'



2 PHASING SUB-PHASE 5B VIEW 2
SCALE: 1" = 150'

N

150' 0' 150' 300'

GRAPHIC SCALE (IN FEET)

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

NOTES

WORK HOURS: SUN-THUR (21:00 TO 06:00).

1. CURRENT SUB-PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE. CONTRACTOR IS EXPECTED TO PROGRESS WITH WORK IN OVERALL PHASE 5 DURING THIS PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.
3. CONTRACTOR MUST LIGHT ALL EQUIPMENT AND INSTALL CHECKERED FLAGS PER DETAIL 9 ON SHEET G-503 ON ALL EQUIPMENT.
4. CONTRACTOR IS EXPECTED TO PERFORM CONSTRUCTION ACTIVITIES WITHIN THIS SUB-PHASE CONCURRENTLY WITH PHASE 5. TO ENSURE TIMELY COMPLETION, THE CONTRACTOR SHOULD PLAN FOR PROVIDING MULTIPLE CREWS, AS NEEDED, TO MEET THE SUB-PHASE SCHEDULE WITHIN THE DESIGNATED TIME FRAME.

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

SUB-PHASE 5B WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   - -APPLY EROSION CONTROL MEASURES
   - -DEMOLISH EXISTING PAVEMENT
   - -STRIP AND PERFORM INITIAL EARTHWORK
   - -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD ELECTRICAL
   - -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD DRAINAGE
   - -CONSTRUCT PROPOSED PAVEMENT
   - -PERFORM FINAL GRADING AND INSTALL SOD
   - -APPLY TEMPORARY AND PERMANENT PAVEMENT MARKINGS
   - -APPLY PERMANENT NON-MOVEMENT MARKINGS
4. REMOVE PHASE SPECIFIC MOT ITEMS

RESTRICTED TAXIWAY OPERATIONS DATA TABLE

SEGMENT	OBJECT FREE AREA WIDTH FROM TWY CL (FT)	OBJECT FREE AREA WIDTH FROM TWY EDGE OF PAVEMENT (FT)	MAXIMUM WINGSPAN (FT)
TWY C	70.5	45.5	95

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, STE 230
DORAL, FL 33166
(305) 728-7452

CONSTRUCTION SUB-PHASE 5B PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-411

FILENAME: C:\PWWORKING\EAST01\D3123626\I03565381G-401.DWG
PLOT DATE: 2025/05/21 AT 12:34 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

SUB-PHASE 5C AIRFIELD SEGMENT STATUS

SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L	●			
TWY C	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
PROP. TWY C5	●			
PROP.TWY C6	●			
PROP.TWY C7	●			
PROP.TWY C8		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C10		●		CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D		●	BETWEEN TWY D7 AND C9	CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D5	●			
TWY D6	●			
TWY D7	●			
APRON TAXILANE	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET

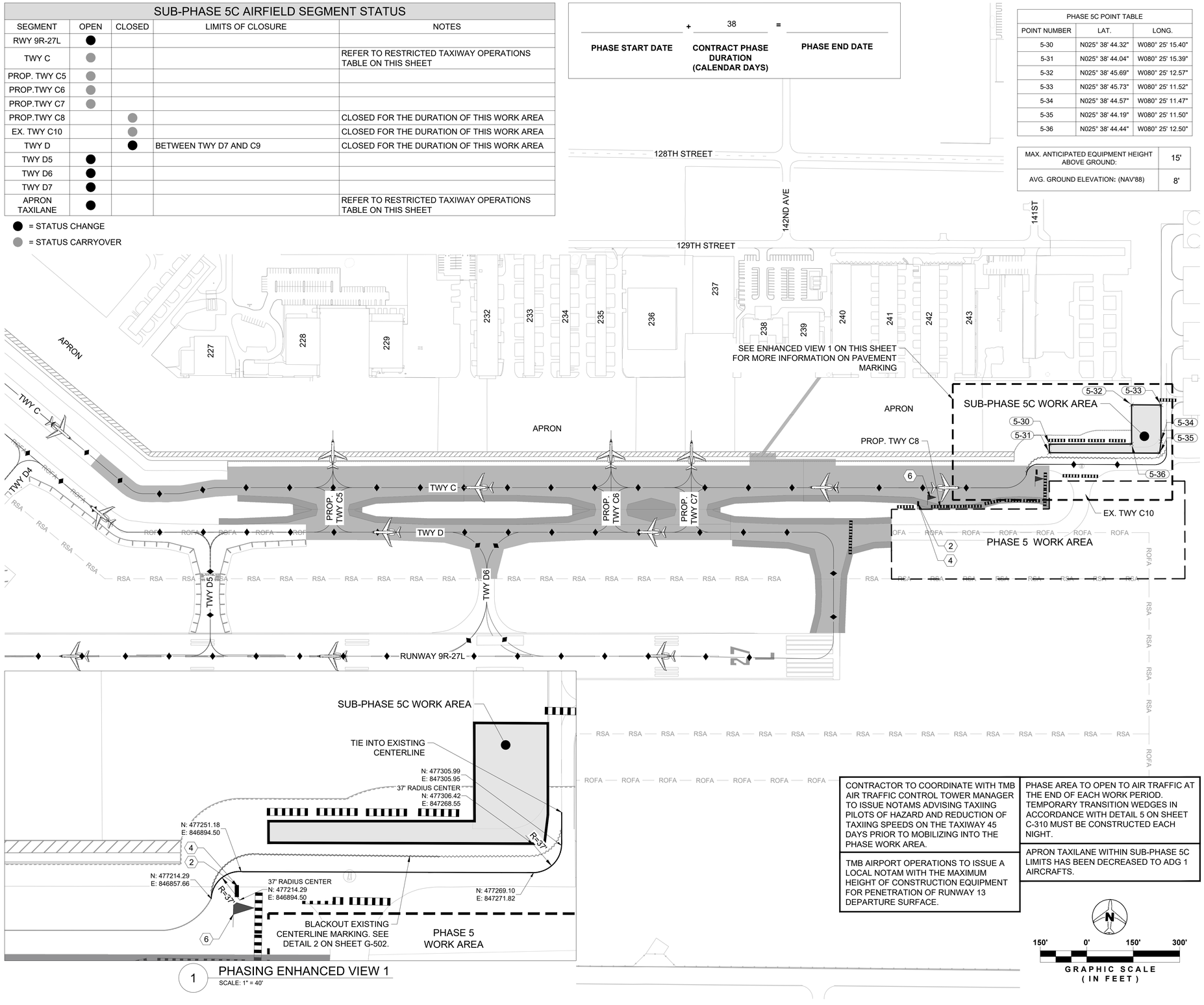
● = STATUS CHANGE

● = STATUS CARRYOVER

PHASE START DATE	+ 38	= PHASE END DATE
	CONTRACT PHASE DURATION (CALENDAR DAYS)	

PHASE 5C POINT TABLE		
POINT NUMBER	LAT.	LONG.
5-30	N025° 38' 44.32"	W080° 25' 15.40"
5-31	N025° 38' 44.04"	W080° 25' 15.39"
5-32	N025° 38' 45.69"	W080° 25' 12.57"
5-33	N025° 38' 45.73"	W080° 25' 11.52"
5-34	N025° 38' 44.57"	W080° 25' 11.47"
5-35	N025° 38' 44.19"	W080° 25' 11.50"
5-36	N025° 38' 44.44"	W080° 25' 12.50"

MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'



1 PHASING ENHANCED VIEW 1
SCALE: 1" = 40'

CONTRACTOR TO COORDINATE WITH TMB AIR TRAFFIC CONTROL TOWER MANAGER TO ISSUE NOTAMS ADVISING TAXIING PILOTS OF HAZARD AND REDUCTION OF TAXIING SPEEDS ON THE TAXIWAY 45 DAYS PRIOR TO MOBILIZING INTO THE PHASE WORK AREA.	PHASE AREA TO OPEN TO AIR TRAFFIC AT THE END OF EACH WORK PERIOD. TEMPORARY TRANSITION WEDGES IN ACCORDANCE WITH DETAIL 5 ON SHEET C-310 MUST BE CONSTRUCTED EACH NIGHT.
TMB AIRPORT OPERATIONS TO ISSUE A LOCAL NOTAM WITH THE MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT FOR PENETRATION OF RUNWAY 13 DEPARTURE SURFACE.	APRON TAXILANE WITHIN SUB-PHASE 5C LIMITS HAS BEEN DECREASED TO ADG 1 AIRCRAFTS.

GRAPHIC SCALE (IN FEET)
150' 0' 150' 300'

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

NOTES

WORK HOURS: SUN-THUR (19:00 TO 06:00)

1. CURRENT SUB-PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE. CONTRACTOR IS EXPECTED TO PROGRESS WITH WORK IN OVERALL PHASE 5 DURING THIS PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.
3. CONTRACTOR IS EXPECTED TO PERFORM CONSTRUCTION ACTIVITIES WITHIN THIS SUB-PHASE CONCURRENTLY WITH PHASE 5. TO ENSURE TIMELY COMPLETION, THE CONTRACTOR SHOULD PLAN FOR PROVIDING MULTIPLE CREWS, AS NEEDED, TO MEET THE SUB-PHASE SCHEDULE WITHIN THE DESIGNATED TIME FRAME.

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

SUB-PHASE 5C WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   -APPLY EROSION CONTROL MEASURES
   -DEMOLISH EXISTING PAVEMENT
   -STRIP AND PERFORM INITIAL EARTHWORK
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD ELECTRICAL
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD DRAINAGE
   -CONSTRUCT PROPOSED PAVEMENT
   -PERFORM FINAL GRADING AND INSTALL SOD
   -APPLY TEMPORARY AND PROPOSED PAVEMENT MARKINGS
   -APPLY PERMANENT NON-MOVEMENT MARKINGS
4. REMOVE PHASE SPECIFIC MOT ITEMS

RESTRICTED TAXILANE OPERATIONS DATA TABLE

SEGMENT	OBJECT FREE AREA WIDTH FROM TWY CL (FT)	OBJECT FREE AREA WIDTH FROM TWY EDGE OF PAVEMENT (FT)	MAXIMUM WINGSPAN (FT)
APRON TAXILANE	39.5	27	49

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8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI
ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

CONSTRUCTION SUB-PHASE 5C PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-412

FILENAME: C:\PWWORKING\EAST01\D312362611036538 1G-401.DWG
PLOT DATE: 2025/05/21 AT 12:35 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

SUB-PHASE 5D AIRFIELD SEGMENT STATUS

SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L	●			
TWY C	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET
PROP. TWY C5	●			
PROP. TWY C6	●			
PROP. TWY C7	●			
PROP. TWY C8		●		CLOSED FOR THE DURATION OF THIS WORK AREA
EX. TWY C10		●		CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D		●	BETWEEN TWY D7 AND C9	CLOSED FOR THE DURATION OF THIS WORK AREA
TWY D5	●			
TWY D6	●			
TWY D7	●			
APRON TAXILANE	●			REFER TO RESTRICTED TAXIWAY OPERATIONS TABLE ON THIS SHEET

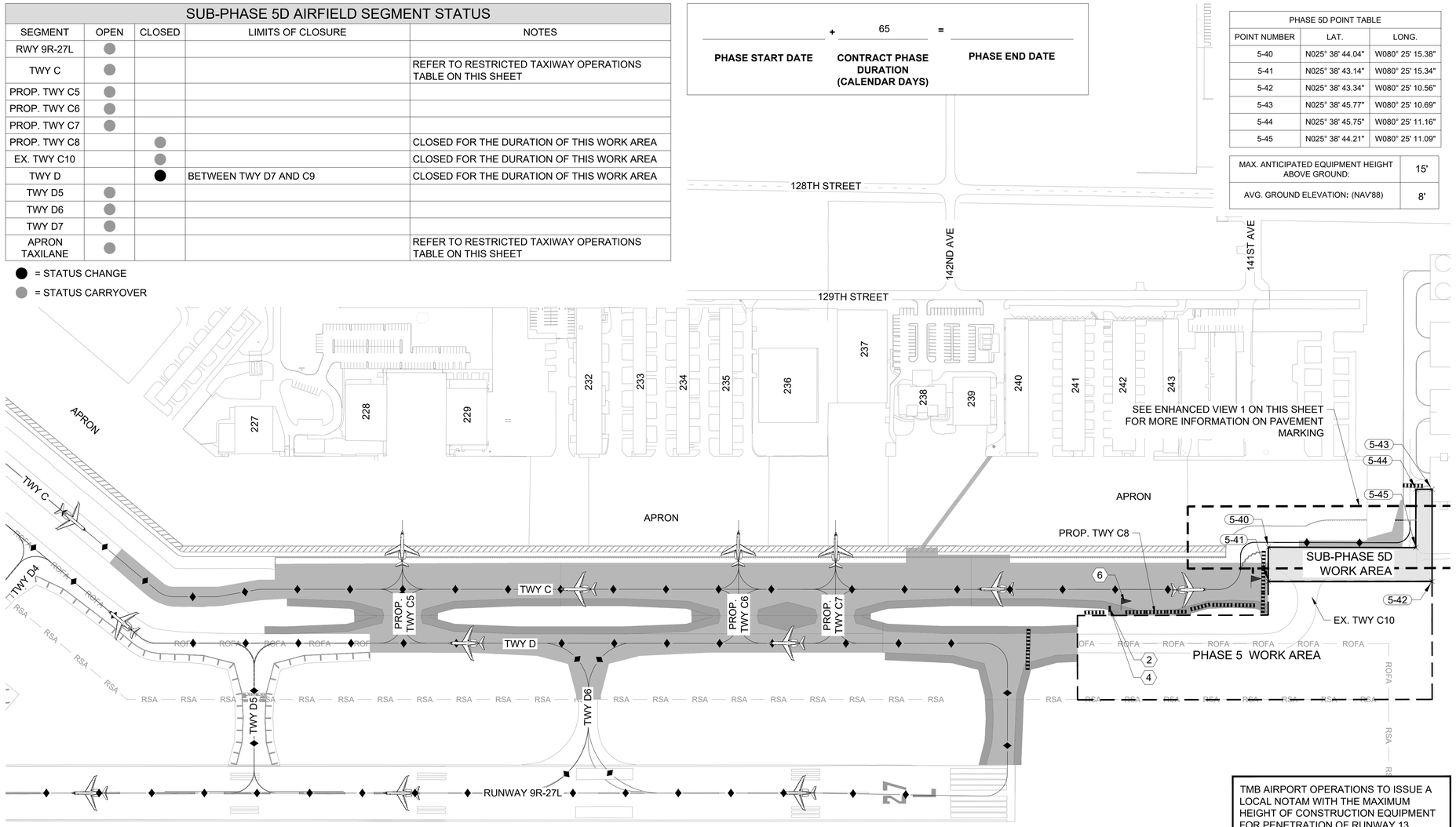
● = STATUS CHANGE

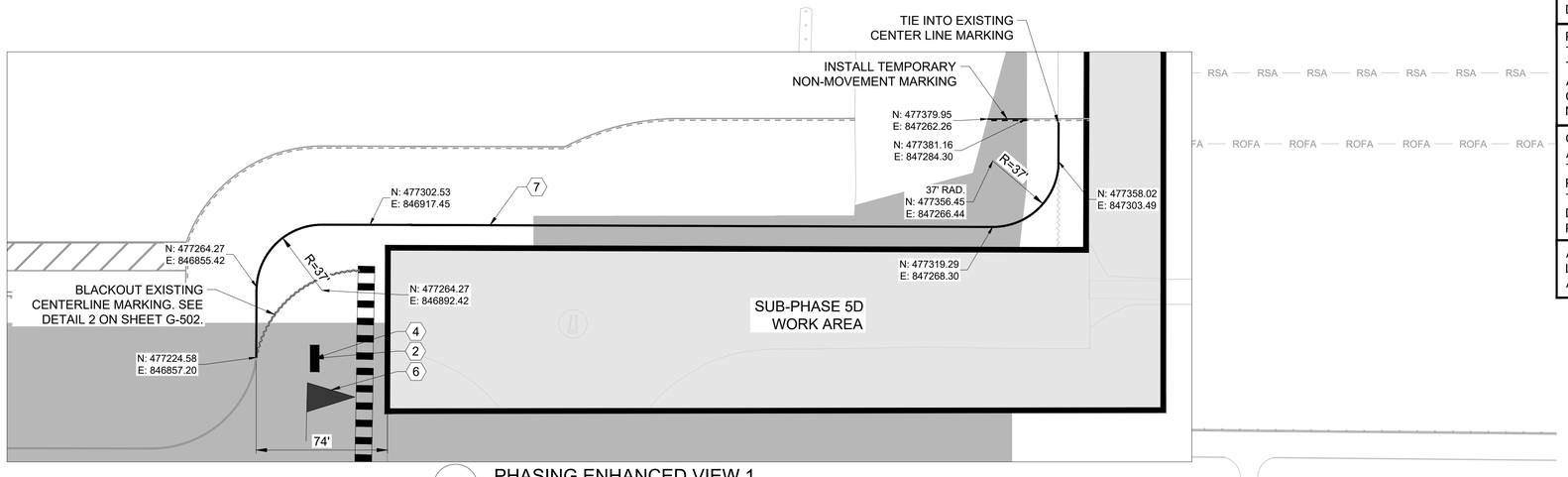
● = STATUS CARRYOVER

PHASE START DATE	+ 65	=
	CONTRACT PHASE DURATION (CALENDAR DAYS)	PHASE END DATE

PHASE 5D POINT TABLE		
POINT NUMBER	LAT.	LONG.
5-40	N025° 38' 44.04"	W080° 25' 15.38"
5-41	N025° 38' 43.14"	W080° 25' 15.34"
5-42	N025° 38' 43.34"	W080° 25' 10.56"
5-43	N025° 38' 45.77"	W080° 25' 10.69"
5-44	N025° 38' 45.75"	W080° 25' 11.16"
5-45	N025° 38' 44.21"	W080° 25' 11.09"

MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'





1 PHASING ENHANCED VIEW 1
SCALE: 1" = 40'

TMB AIRPORT OPERATIONS TO ISSUE A LOCAL NOTAM WITH THE MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT FOR PENETRATION OF RUNWAY 13 DEPARTURE SURFACE.
PHASE AREA TO OPEN TO AIR TRAFFIC AT THE END OF EACH WORK PERIOD. TEMPORARY TRANSITION WEDGES IN ACCORDANCE WITH DETAIL 5 ON SHEET C-310 MUST BE CONSTRUCTED EACH NIGHT.
CONTRACTOR TO COORDINATE WITH TMB AIR TRAFFIC CONTROL TOWER MANAGER TO ISSUE NOTAMS ADVISING TAXIING PILOTS OF HAZARD AND REDUCTION OF TAXIING SPEEDS ON THE TAXIWAY 45 DAYS PRIOR TO MOBILIZING INTO THE PHASE WORK AREA.
APRON TAXILANE WITHIN SUB-PHASE 5C LIMITS HAS BEEN DECREASED TO ADG 1 AIRCRAFTS.

N

150' 0' 150' 300'

GRAPHIC SCALE (IN FEET)

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

NOTES

WORK HOURS: SUN-THUR (19:00 TO 06:00)

1. CURRENT SUB-PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE. CONTRACTOR IS EXPECTED TO PROGRESS WITH WORK IN OVERALL PHASE 5 DURING THIS PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.
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KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
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6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

SUB-PHASE 5D WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   -APPLY EROSION CONTROL MEASURES
   -DEMOLISH EXISTING PAVEMENT
   -STRIP AND PERFORM INITIAL EARTHWORK
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD ELECTRICAL
   -PERFORM DEMOLITION AND INSTALLATION OF AIRFIELD DRAINAGE
   -CONSTRUCT PROPOSED PAVEMENT
   -PERFORM FINAL GRADING AND INSTALL SOD
   -APPLY TEMPORARY AND PERMANENT PAVEMENT MARKINGS
   -APPLY PERMANENT NON-MOVEMENT MARKINGS
4. REMOVE PHASE SPECIFIC MOT ITEMS

RESTRICTED TAXILANE OPERATIONS DATA TABLE

SEGMENT	OBJECT FREE AREA WIDTH FROM TWY CL (FT)	OBJECT FREE AREA WIDTH FROM TWY EDGE OF PAVEMENT (FT)	MAXIMUM WINGSPAN (FT)
APRON TAXILANE	39.5	27	49

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
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CONSTRUCTION SUB-PHASE 5D PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-413

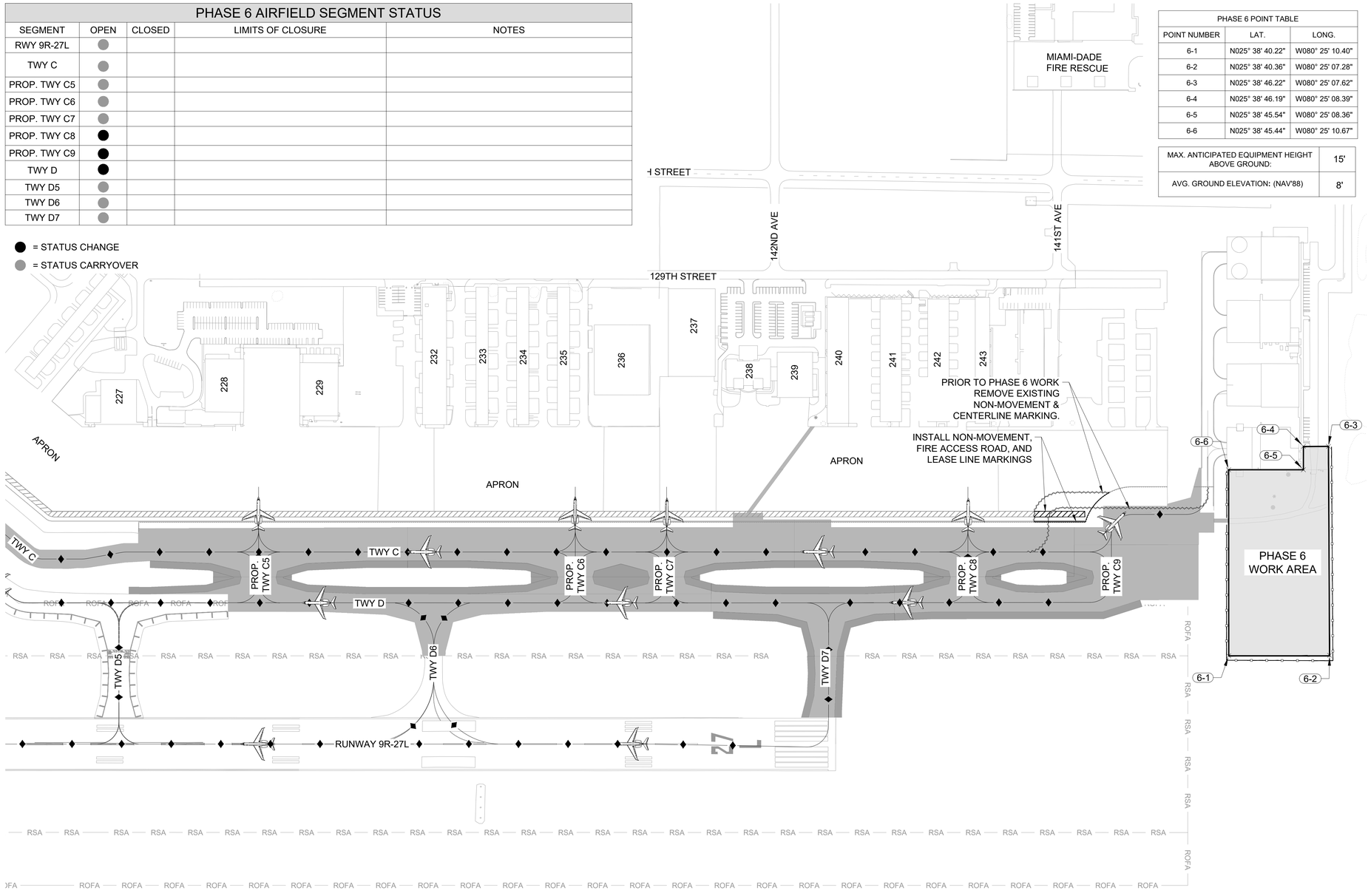
FILENAME: C:\PWWORKING\EAST01\D312362610365381G-401.DWG
PLOT DATE: 2025/05/21 AT 12:35 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PHASE 6 AIRFIELD SEGMENT STATUS				
SEGMENT	OPEN	CLOSED	LIMITS OF CLOSURE	NOTES
RWY 9R-27L	●			
TWY C	●			
PROP. TWY C5	●			
PROP. TWY C6	●			
PROP. TWY C7	●			
PROP. TWY C8	●			
PROP. TWY C9	●			
TWY D	●			
TWY D5	●			
TWY D6	●			
TWY D7	●			

● = STATUS CHANGE
● = STATUS CARRYOVER

PHASE 6 POINT TABLE		
POINT NUMBER	LAT.	LONG.
6-1	N025° 38' 40.22"	W080° 25' 10.40"
6-2	N025° 38' 40.36"	W080° 25' 07.28"
6-3	N025° 38' 46.22"	W080° 25' 07.62"
6-4	N025° 38' 46.19"	W080° 25' 08.39"
6-5	N025° 38' 45.54"	W080° 25' 08.36"
6-6	N025° 38' 45.44"	W080° 25' 10.67"

MAX. ANTICIPATED EQUIPMENT HEIGHT ABOVE GROUND:	15'
AVG. GROUND ELEVATION: (NAV'88)	8'



TMB AIRPORT OPERATIONS TO ISSUE A LOCAL NOTAM WITH THE MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT FOR PENETRATION OF RUNWAY 13 DEPARTURE SURFACE.

PHASE START DATE	+ 36 CONTRACT PHASE DURATION (CALENDAR DAYS)	= PHASE END DATE

GRAPHIC SCALE (IN FEET)
150' 0' 150' 300'

LEGEND

- PHASE AREA
- PROPOSED TAXIWAY PAVEMENT
- PROPOSED TAXIWAY SHOULDER PAVEMENT
- ACCESS ROAD & ROUTE
- LOW PROFILE BARRICADES (DETAIL 1 SHEET G-502)
- AIRCRAFT TRAFFIC ROUTE
- MARKING BLACKOUT/REMOVAL (DETAIL 2 SHEET G-502)
- CONSTRUCTION FENCE (DETAIL 8 SHEET G-501)

NOTES

WORK HOURS: MON - FRI (07:00 TO 17:00)

1. CURRENT PHASE MUST BE COMPLETED AND OPEN TO TRAFFIC PRIOR TO BEGINNING WORK IN NEXT PHASE.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DRAINAGE INFRASTRUCTURE TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCIDENTAL TO THE MOT COSTS.

KEYNOTES

1. INSTALL STOP SIGN (R1-1) AT LEAST 50' FROM THE EDGE OF TAXIWAY PAVEMENT. SEE DETAIL 4 & 5 ON SHEET G-503 FOR MORE INFO
2. INSTALL "REDUCED WINGSPAN" WARNING SIGN. SEE DETAIL 5 ON SHEET G-502 FOR MORE INFO
3. INSTALL TEMPORARY NO ACCESS MARKING SEE DETAIL 10 ON SHEET G-503. CONTRACTOR TO COORDINATE WITH TMB AIRPORT OPERATIONS ON THE TERMINATION LOCATION OF THIS MARKING.
4. INSTALL 10 MPH SPEED LIMIT SIGN. SEE DETAIL 6 ON SHEET G-502 FOR MORE INFO
5. CONTRACTOR TO INSTALL ZIPPER MARKINGS ACROSS ALL ACTIVE TAXIWAYS. SEE DETAIL 6 ON SHEET G-503 FOR MORE INFO
6. CONTRACTOR TO PROVIDE FLAGGERS
7. CONTRACTOR TO MARK TEMPORARY CENTERLINE SEE SHEET DETAIL 7 ON SHEET G-503

PHASE 6 WORK ITEMS

1. COORDINATE "NOTICE TO AIR MISSIONS": (NOTAM) INFORMATION WITH AIRPORT STAFF THRU RPR.
2. IMPLEMENT PHASE SPECIFIC MOT ITEMS.
3. CONSTRUCTION ACTIVITIES:
   -APPLY EROSION CONTROL MEASURES
   -DEMOLISH EXISTING PAVEMENT
   -STRIP AND PERFORM INITIAL EARTHWORK
   -CONSTRUCT PROPOSED SUB-BASE AND BASE MATERIAL
   -CONSTRUCT PROPOSED ACCESS ROAD PAVEMENT
   -PERFORM FINAL GRADING AND INSTALL SOD
   -APPLY TEMPORARY AND PERMANENT PAVEMENT MARKINGS
   -ADJUST WATER VALVE
4. REMOVE PHASE SPECIFIC MOT ITEMS

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
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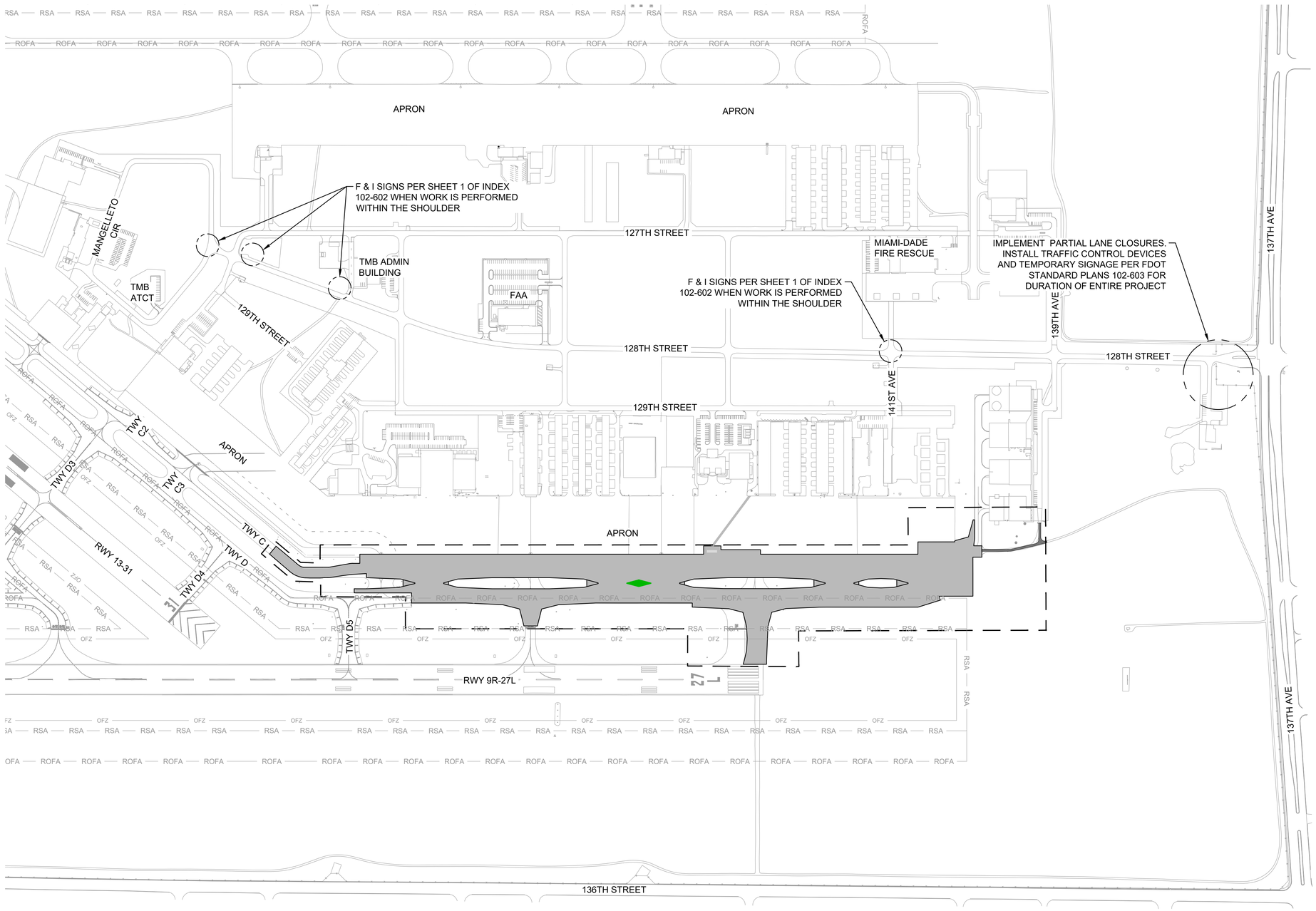
HDR ENGINEERING, INC.
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DORAL, FL 33166
(305) 728-7452

CONSTRUCTION PHASE 6 PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-414

FILENAME: C:\PW\WORKING\EAST01D312362610365381G-401.DWG
PLOT DATE: 2025/05/21 AT 12:35 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

PROJECT LIMITS

PROPOSED PAVEMENT CONSTRUCTION

NOTES

1. SEE SHEETS T-100 TO T-101 FOR MORE INFORMATION ON LANDSIDE WORK TO BE DONE.
2. CONTRACTOR SHALL COMPLETE THIS WORK PRIOR TO THE COMPLETION OF PHASE 2. CONTRACTOR TO COORDINATE WITH AIRPORT OPERATIONS ON THE SCHEDULING FOR THIS WORK. THIS WORK SHALL BE COMPLETE WITHIN THE CONTRACT DURATION FOR THIS PROJECT. CONTRACTOR TO COORDINATE WORK TO TAKE PLACE WITHIN THE TMB ADMINISTRATION BUILDING WITH TMB AIRPORT OPERATIONS.
3. THIS MAINTENANCE OF TRAFFIC (MOT) PLAN PROVIDES A CONCEPT FOR USE DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT THEIR OWN MOT PLAN FOR THIS WORK AND ALL OTHER WORK ON THE PROJECT FOR REVIEW AND APPROVAL BY RPR AND AIRPORT OPERATIONS. THIS SUBMITTAL SHALL BE CONSIDERED INCIDENTAL TO THE MAINTENANCE OF AIRPORT LANDSIDE TRAFFIC LINE ITEM (015710-5.1).
4. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 102-600'S.

N

250' 0' 250' 500'

GRAPHIC SCALE (IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
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MIAMI-DADE AVIATION DEPARTMENT
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MIAMI, FLORIDA 33102-5504

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8333 NW 53RD STREET, SUITE 200
DORAL, FL 33166
(305) 728-7452

LANDSIDE MOT PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

G-415

FILENAME: C:\PWWORKING\EAST01\D312362811036538 1G-415.DWG
PLOT DATE: 2025/05/21 AT 12:35 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

SECURITY NOTES

1. GENERAL: THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL SECURITY REQUIREMENTS BEFORE PERFORMING ANY WORK WITHIN THE AIRPORT OPERATIONS AREA (AOA). NO ADDITIONAL PAYMENT OR CONTRACT TIME WILL BE ALLOWED FOR DELAYS CAUSED BY THE CONTRACTOR'S FAILURE TO MEET THESE REQUIREMENTS. THE CONTRACTOR SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF THE AIRPORT SAFETY AND SECURITY PLAN, AND SHALL BE FAMILIAR WITH THE APPLICABLE REQUIREMENTS OF FAR 49 CFR PART 1542: AIRPORT SECURITY, ADMINISTERED BY THE TRANSPORTATION SECURITY ADMINISTRATION (TSA). ANY VIOLATION OF CFR PART 1542 BY THE CONTRACTOR, AND PAYMENT OF ANY RELATED FINES, SHALL BE THE CONTRACTOR'S TOTAL RESPONSIBILITY.

2. CONTRACTOR SECURITY OFFICER AND PERSONNEL SECURITY ORIENTATION: THE CONTRACTOR SHALL DESIGNATE TO THE CONSTRUCTION MANAGER IN WRITING THE NAME OF ITS CONTRACTOR SECURITY OFFICER (CSO). THE CSO IS RESPONSIBLE FOR BRIEFING ALL CONTRACTOR AND SUBCONTRACTOR PERSONNEL ON THE ABOVE REQUIREMENTS AND RELATED PROVISIONS ADOPTED BY MDAD. ALL NEW EMPLOYEES SHALL BE BRIEFED ON AIRPORT OPERATIONAL AND SECURITY REQUIREMENTS AND RESTRICTIONS BEFORE WORKING IN THE AOA.

3. PERSONNEL IDENTIFICATION AND CONTROL: CONTRACTOR EMPLOYEES REQUIRING ACCESS ONTO THE AIR OPERATIONS AREA (AOA) SHALL BE REQUIRED TO OBTAIN PHOTO-TYPE CONTRACTOR IDENTIFICATION BADGES FROM THE MIAMI DADE AVIATION DEPARTMENT (MDAD). THESE BADGES ARE CONTROLLED AND REMAIN THE PROPERTY OF MDAD. CONTRACTOR EMPLOYEES WEARING A NON-PHOTO TYPE BADGES MUST BE ACCOMPANIED/ESCORTED INTO THE AOA BY AN EMPLOYEE WEARING A PHOTO TYPE CONTRACTOR BADGE APPROVED AS AN ESCORT WITH RAMP DRIVING PRIVILEGES. BADGES MUST BE DISPLAYED ON THE OUTER GARMENT ABOVE THE WAIST AT ALL TIMES WHEN ON THE AOA. CONTACT MDAD RAMP 61 AT 305-439-2701. FOR FINGERPRINT AND IDENTIFICATION (ID) BADGE APPLICATION PACKAGES. THE CONTRACTOR SHALL PROVIDE EMPLOYMENT HISTORY VERIFICATION FOR EACH BADGE APPLICANT. EACH APPLICANT MUST SATISFACTORILY COMPLETE A SECURITY TRAINING CLASS AND A BACKGROUND CHECK. TMB HAS THE RIGHT TO REFUSE TO ISSUE A SECURITY BADGE OR ALLOW ACCESS TO THE AOA TO ANY EMPLOYEE FOR THE DURATION OF THE CONTRACT. THE COST OF BADGES SHALL BE CONSIDERED INCIDENTAL TO MOBILIZATION (C-105) AND IS NOT REIMBURSABLE. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN A CITATION AND/OR CIVIL PENALTY ASSESSMENT. THE CONTRACTOR IS RESPONSIBLE FOR PAYMENT OF ALL FINES ASSESSED.

4. DRIVER TRAINING: AOA DRIVING CERTIFICATION INFORMATION MAY BE OBTAINED BY CONTACTING MDAD RAMP 61 AT 305-439-2701.

5. VEHICLE IDENTIFICATION: THE CONTRACTOR SHALL OBTAIN A PERMIT FOR EACH VEHICLE TO OPERATE WITHIN THE AOA AND SHALL MAINTAIN A CURRENT LIST OF AUTHORIZED CONTRACTOR AND SUBCONTRACTOR VEHICLES. THE LIST SHALL BE PROVIDED TO THE CONSTRUCTION MANAGER AND AIRPORT OPERATIONS PERSONNEL ON REQUEST. THE CONTRACTOR SHALL ALSO PROVIDE A CURRENT LIST OF COMPANIES AUTHORIZED TO WORK ON THE PROJECT. VEHICLE PERMITS SHALL BE ASSIGNED IN A MANNER THAT ENSURES POSITIVE IDENTIFICATION OF EACH VEHICLE AT ALL TIMES. ALL VEHICLES ENTERING THE AOA SHALL DISPLAY LARGE COMPANY SIGNS ON EACH SIDE. EMPLOYEE PERSONAL VEHICLES SHALL BE RESTRICTED TO THE CONTRACTOR EMPLOYEE PARKING AREA AND ARE NOT ALLOWED WITHIN THE AOA AT ANY TIME. ANY MOTOR VEHICLE OPERATING ON THE AOA SHALL DISPLAY AN OVERHEAD FLASHING AND ROTATING LIGHT AT ALL TIMES WHILE OPERATING.

6. ACCESS TO WORK SITES: UNAUTHORIZED PERSONNEL AND EQUIPMENT SHALL NOT BE PERMITTED WITHIN THE AOA. CONTRACTOR ACCESS ROUTES TO WORK SITES WITHIN THE AOA SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE CONSTRUCTION MANAGER. THE CONTRACTOR SHALL PROVIDE GATE GUARDS FOR THE ENTIRE TIME THAT A SECURITY GATE IS LEFT UNLOCKED. OPERATORS OF ALL VEHICLES AND EQUIPMENT WITHIN THE AOA SHALL BE EXPERIENCED IN THE ACCESS ROUTES OR GUIDED BY CONTRACTOR PERSONNEL. MDAD OR TMB AIRPORT OPERATIONS WILL NOT PROVIDE ESCORTS. DIRECTIONAL SIGNAGE SHALL BE PROVIDED AS DIRECTED BY THE CONSTRUCTION MANAGER. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL BETWEEN ACCESS GATES AND WORK SITES, AND SHALL PROVIDE FLAG / TRAFFIC CONTROL PERSONS AS NECESSARY TO MONITOR AND CONTROL CONSTRUCTION TRAFFIC.

SAFETY REQUIREMENTS DURING CONSTRUCTION

A. FAA PUBLICATIONS

1. CONTRACTOR SHALL BE BOUND BY THE CONDITIONS DESCRIBED WITHIN FEDERAL AVIATION ADMINISTRATION (FAA) PUBLICATIONS INCLUDING ADVISORY CIRCULARS (AC), ORDERS AND FEDERAL AVIATION REGULATIONS (FAR). THE FOLLOWING PUBLICATIONS CONTAIN DEFINITIONS AND DESCRIPTIONS OF CRITICAL AIRPORT OPERATING AREAS. THE AREAS DEFINED BELOW PERTAIN TO AIRFIELD SAFETY REQUIREMENTS AND ARE REFERENCED THROUGHOUT THE CONTRACT DOCUMENTS. THESE PUBLICATIONS ARE AVAILABLE ON-LINE (FAA.GOV).

2. AC 150/5370-2G, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", CURRENT EDITION, PROVIDES GUIDELINES TO ASSIST AIRPORT OPERATORS IN COMPLYING WITH REQUIREMENTS OF FEDERALLY FUNDED CONSTRUCTION PROJECTS AND WITH FAR PART 139 "CERTIFICATION AND OPERATION: LAND AIRPORTS SERVING CERTAIN AIR CARRIERS".

3. FAR PART 77, "OBJECTS AFFECTING NAVIGABLE AIRSPACE", CURRENT EDITION, PROVIDES THE FOLLOWING:

   a. STANDARDS FOR DETERMINING OBSTRUCTIONS TO NAVIGABLE AIRSPACE. CIVIL AIRPORT IMAGINARY SURFACES ARE DEFINED IN THE PUBLICATION AND ARE SHOWN ON THE SAFETY PLAN.

   b. REQUIREMENTS FOR NOTICES OF PROPOSED CONSTRUCTION OR ALTERATION. NOTICES PROVIDE A BASIS FOR RECOMMENDATIONS TO IDENTIFY THE CONSTRUCTION OR ALTERATION PER AC 70/7460-1K "OBSTRUCTION MARKING AND LIGHTING", CURRENT EDITION.

4. AC 150/5300-13B, "AIRPORT DESIGN", CURRENT EDITION, ESTABLISHES DESIGN, OPERATIONAL, AND MAINTENANCE STANDARDS FOR AIRPORTS. STANDARD TERMS USED IN THE CONTRACT PLANS AND SPECIFICATIONS ARE DEFINED BELOW:

   a. OBSTACLE FREE ZONE (OFZ): A VOLUME OF SPACE WHICH IS FREE OF ALL FIXED OBJECTS AND CLEAR OF VEHICLES IN THE PROXIMITY OF AN AIRPLANE CONDUCTING AN APPROACH, MISSED APPROACH, LANDING, TAKEOFF, OR DEPARTURE.

   b. RUNWAY PROTECTION ZONE (RPZ): A TRAPEZOIDAL AREA CENTERED ON THE RUNWAY, BEGINNING AT A POINT 200 FEET BEYOND THE END OF THE AREA USEABLE FOR TAKEOFF OR LANDING.

   c. OBJECT FREE AREA (OFA): A TWO-DIMENSIONAL GROUND AREA SURROUNDING RUNWAYS, TAXIWAYS, AND TAXILANES WHICH IS CLEAR OF OBJECTS, EXCEPT FOR OBJECTS WHOSE LOCATION IS FIXED BY FUNCTION.

   d. SAFETY AREA: THE SURFACE ADJACENT TO RUNWAYS, TAXIWAYS, AND TAXILANES OVER WHICH AIRCRAFT SHOULD, IN DRY WEATHER, BE ABLE TO CROSS AT NORMAL SPEEDS WITHOUT INCURRING SIGNIFICANT DAMAGE. A SAFETY AREA IS GRADED, DRAINED AND COMPACTED. IT IS FREE OF ANY HOLES, TRENCHES, BUMPS OR OTHER SIGNIFICANT SURFACE VARIATIONS OR OBJECTS, OTHER THAN THOSE WHICH MUST BE THERE BECAUSE OF THEIR ESSENTIAL AERONAUTICAL FUNCTION. THE SAFETY AREA REQUIRES THE CAPABILITY OF SUPPORTING MAINTENANCE VEHICLES AND AIRCRAFT RESCUE AND FIRE FIGHTING VEHICLES UNDER NORMAL (DRY) CONDITIONS.

B. GENERAL SAFETY REQUIREMENTS

1. THE CONTRACTOR SHALL ACQUAINT ALL SUPERVISORS AND EMPLOYEES, INCLUDING SUBCONTRACTORS, WITH AIRPORT ACTIVITIES AND OPERATIONS PERTINENT TO THE CONSTRUCTION OPERATIONS. CONTRACTOR ACTIVITIES SHALL CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND GUIDELINES FOR SAFETY AS SPECIFIED HEREIN.

2. DURING WORK IN THIS CONTRACT, RUNWAYS, TAXIWAYS, TAXILANES, AND AIRCRAFT APRONS SHALL REMAIN IN USE BY AIRCRAFT TO THE MAXIMUM EXTENT POSSIBLE. AIRCRAFT IN ACTIVE TRAFFIC AREAS HAVE PRIORITY OVER CONTRACTOR TRAFFIC. THE OWNER RESERVES THE RIGHT TO DIRECT THE CONTRACTOR TO VACATE ANY AREA AT ANY TIME, IF NECESSARY TO MAINTAIN SAFE AIRCRAFT OPERATIONS. THE CONTRACTOR SHALL NOT ALLOW EQUIPMENT, WORKERS, SUPPLIERS, OR UNAUTHORIZED PERSONS TO ENTER OR REMAIN IN ANY AREA WHICH WOULD BE HAZARDOUS TO PERSONS OR AIRCRAFT OPERATIONS.

3. WORK NEAR RUNWAYS, TAXIWAYS, TAXILANES, APRONS OR ROADWAYS THAT PREVENTS NORMAL OPERATING CONDITIONS SHALL BE PERFORMED WHEN THESE FACILITIES ARE CLOSED TO OPERATIONS. SUCH WORK SHALL NOT BE ACCOMPLISHED WITHOUT PRIOR PERMISSION FROM THE CONSTRUCTION MANAGER AND AIRPORT OPERATIONS. REQUESTED CLOSINGS SHALL BE SUBMITTED AT LEAST 2 WORKING DAYS (48 HOURS) IN ADVANCE TO THE CONSTRUCTION MANAGER, WHO WILL COORDINATE WITH AIRPORT OPERATIONS AND ANY OTHER GOVERNING AGENCY.

4. THE CONTRACTOR SHALL PROTECT ALL PERSONS, PROPERTY, AND EQUIPMENT THROUGHOUT THE PROGRESS OF THE WORK. THE CONTRACTOR SHALL PROVIDE ALL SAFETY MATERIALS AND EQUIPMENT REQUIRED TO PROTECT CONTRACTOR PERSONNEL INCLUDING, BUT NOT LIMITED TO PROPER ATTIRE AND FOOTWEAR, SAFETY VESTS, EYE PROTECTION, HARD HATS, AND HEARING PROTECTION.

C. CONSTRUCTION AND MAINTENANCE ACTIVITIES

1. ALL OF THE FOLLOWING CONDITIONS ARE CONSIDERED SAFETY VIOLATIONS AND/OR HAZARDS, WHICH THE CONTRACTOR SHALL CORRECT/ELIMINATE TO THE SATISFACTION OF THE CONSTRUCTION MANAGER AND AIRPORT OPERATIONS.

   a. FAILURE TO CONTROL UNAUTHORIZED VEHICLE AND PERSONNEL ACCESS TO ACTIVE AIRCRAFT OPERATING AREAS (AOA).

   b. FAILURE TO MAINTAIN RADIO COMMUNICATION WITH THE AIR TRAFFIC CONTROL TOWER (ATCT) AS REQUIRED TO CONTROL VEHICLE AND EQUIPMENT MOVEMENT.

   c. CONSTRUCTION OR MAINTENANCE ACTIVITIES OR MATERIALS WHICH COULD DELAY OR PREVENT THE RESPONSE OF AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) EQUIPMENT TO ANY PART OF THE RUNWAY/TAXIWAY SYSTEM, RUNWAY APPROACH AND DEPARTURE AREAS OR AIRCRAFT PARKING LOCATIONS.

   d. VEHICLES, EQUIPMENT, PILES OF EARTH, CONSTRUCTION MATERIALS, TEMPORARY STRUCTURES, OR OTHER OBJECTS WITHIN SAFETY AREAS OF ACTIVE RUNWAYS, TAXIWAYS, TAXILANES, OR IN RELATED APPROACH OR DEPARTURE AREAS, WHICH COULD INTERFERE WITH ELECTRONIC SIGNALS FROM RADIOS OR ELECTRONIC NAVIGATIONAL AIDS (NAVAIDS) OR RADAR.

   e. TRENCHES, HOLES, PAVEMENT DROP-OFFS OR EXCAVATION MORE THAN 3 INCHES DEEP OR GRADES IN EXCESS OF 5% WITHIN SAFETY AREAS OF ACTIVE RUNWAYS AND TAXIWAYS.

   f. UNMARKED/UNLIGHTED HOLES OR EXCAVATION IN ANY AREA OPEN TO AIRCRAFT OR AIRPORT VEHICLE TRAFFIC.

   g. INADEQUATE BARRICADING, MARKING OR LIGHTING WHICH IS REQUIRED TO DELINEATE OR SEPARATE CONSTRUCTION AREAS FROM ACTIVE AIRCRAFT AND AIRPORT VEHICLE TRAFFIC AREAS, OR TO IDENTIFY AREAS CLOSED TO TRAFFIC.

   h. WATER, DIRT, DEBRIS, OR OTHER ACCUMULATION WHICH DEGRADES VISIBILITY OF PAVEMENT MARKING OR AIRFIELD LIGHTING.

   i. TRASH OR OTHER MATERIALS WITH FOREIGN OBJECT DEBRIS (FOD) POTENTIAL WITHIN AIRFIELD PAVEMENT AND RELATED SAFETY AREAS.

   j. BIRD ATTRACTANTS ON AIRPORT SUCH AS: EDIBLES (FOOD SCRAPS, ETC.), MISCELLANEOUS TRASH, OR PONDED WATER.

   k. UNMARKED AIRFIELD LIGHTING, NAVAID, WEATHER SERVICE, COMMUNICATION, OR OTHER CABLES AND UTILITY LINES THAT COULD BE DAMAGED DURING CONSTRUCTION.

   l. MARKING OR LIGHTING OF RUNWAYS, TAXIWAYS, OR TAXILANES, INCLUDING DISPLACED OR RELOCATED THRESHOLDS THAT IS INADEQUATE OR POTENTIALLY CONFUSING OR MISLEADING TO PILOTS.

   m. OBJECTS, WHETHER OR NOT MARKED OR FLAGGED, OR ACTIVITIES ANYWHERE ON OR NEAR THE AIRPORT WHICH COULD BE DISTRACTING, CONFUSING, OR ALARMING TO PILOTS DURING AIRCRAFT OPERATIONS.

   n. UNFLAGGED/UNLIGHTED LOW VISIBILITY ITEMS SUCH AS TALL CRANES, DRILL RIGS, AND OTHER CONSTRUCTION EQUIPMENT MORE THAN 12 FEET IN HEIGHT, ANYWHERE NEAR ACTIVE RUNWAYS OR TAXIWAYS, OR IN ANY APPROACH OR DEPARTURE SURFACES.

   o. MISLEADING OR MALFUNCTIONING OBSTRUCTION LIGHTS OR UNLIGHTED/UNMARKED OBSTRUCTIONS IN THE APPROACH OR DEPARTURE SURFACE TO ANY ACTIVE RUNWAY.

   p. EQUIPMENT OR MATERIAL IN RUNWAY APPROACH/DEPARTURE SURFACES THAT VIOLATES GROUND SURFACE GRADING OR AIRSPACE CLEARANCE STANDARDS.

D. MOTORIZED VEHICLES AND EQUIPMENT

1. ALL CONSTRUCTION EQUIPMENT OPERATING WITHIN THE AOA FENCE SHALL DISPLAY A 3'X3' ORANGE AND WHITE FAA CHECKERED FLAG DURING DAYLIGHT HOURS. VEHICLE AND EQUIPMENT OPERATING IN THE AOA DURING THE HOURS OF DARKNESS AND OR LOW VISIBILITY CONDITIONS SHALL BE EQUIPPED WITH FLASHING AMBER DOME-TYPE LIGHTS, MOUNTED ON TOP OF THE VEHICLE AND WITH INTENSITY CONFORMING TO LOCAL CODES FOR MAINTENANCE AND EMERGENCY VEHICLES. DARKNESS IS DEFINED AS 30 MINUTES BEFORE OFFICIAL SUNSET UNTIL 30 MINUTES AFTER OFFICIAL SUNRISE. ALL VEHICLES OPERATING ON AIRPORT PROPERTY SHALL BE IDENTIFIED WITH SIGNS ON EACH SIDE, WITH A 3-INCH MINIMUM LETTER SIZE BEARING THE CONTRACTOR'S NAME PER THE MDAD VEHICLE PERMIT APPLICATION AND REQUIREMENTS.

2. VEHICLES MAKING ONLY OCCASIONAL VISITS TO THE JOB SITE ARE ALSO REQUIRED TO HAVE SIGNS WITH A 4-INCH MINIMUM LETTER SIZE ON EACH SIDE BEARING THE CONTRACTOR'S NAME. THESE VEHICLES MUST OBTAIN A VISITOR/VEHICLE BADGE WHEN WORK IS REQUIRED WITHIN THE SIDA (TERMINAL) AREA. THEY MUST BE ESCORTED THROUGH, AND OUT OF, THE AOA BY A PROPERLY IDENTIFIED VEHICLE WITH APPROVED ESCORTING CERTIFICATION AND RAMP DRIVING PRIVILEGES.

3. CONTRACTOR SHALL USE ROUTES AS SHOWN ON PLANS OR AS APPROVED IN ADVANCE FOR TRANSIT BETWEEN WORK AREAS, STOCKPILE LOCATIONS AND STAGING AREAS. THE CONTRACTOR SHALL NOT CROSS ACTIVE RUNWAYS OR TAXIWAYS WITHOUT PRIOR APPROVAL OF AIRPORT OPERATIONS AND THE AIR TRAFFIC CONTROL TOWER.

4. FAA FORM 7460-1 SHALL BE SUBMITTED FOR FAA REVIEW AND APPROVAL FOR ANY CONSTRUCTION ACTIVITIES ON OR IN THE VICINITY OF THE AOA. THE HEIGHT OF CONSTRUCTION EQUIPMENT OPERATING IN THE AOA OR IN RUNWAY APPROACHES IS GOVERNED BY AC 150/5370-2G AND CFR PART 77. WHEN CRANES OR OTHER EQUIPMENT ARE EXPECTED TO PENETRATE RUNWAY AIRSPACE SURFACES (DEFINED BY CONTOURS ON HEIGHT RESTRICTION PLAN), THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER AND MDAD AT LEAST SIXTY DAYS IN ADVANCE TO COORDINATE THE SUBMITTAL OF FAA FORM 7460-1 TO THE FAA. PERMISSION TO USE CRANES SHALL BE ISSUED BY AIRPORT OPERATIONS AFTER APPROVAL BY THE FAA. CRANE BOOMS SHALL BE PROVIDED WITH ORANGE AND WHITE CHECKERED FLAGS AS PREVIOUSLY DESCRIBED, AND 360 DEGREE RED OBSTRUCTION LIGHTS. BOOMS SHALL BE LOWERED WHEN CRANES ARE NOT OPERATING.

5. EQUIPMENT HEIGHT SHALL NOT EXCEED 12 FEET UNLESS PRIOR APPROVAL IS OBTAINED FROM THE CONSTRUCTION MANAGER AND AIRPORT OPERATIONS.

E. RADIO COMMUNICATION

1. RADIO CONTACT IS REQUIRED BETWEEN THE AIR TRAFFIC CONTROL (ATCT) AND AT LEAST ONE ON-SITE CONTRACTOR REPRESENTATIVE AT ALL TIMES WHILE PERSONNEL AND EQUIPMENT ARE IN THE AOA AND NEAR ACTIVE AIRCRAFT OPERATIONS. RADIOS SHALL BE CAPABLE OF TRANSMITTING AND RECEIVING ON THE GROUND CONTROL FREQUENCY (121.7 MHz) CTAF (118.9) AND TOWER CONTROL (118.9/124.9 MHz). THESE FREQUENCIES SHALL BE UTILIZED AS DIRECTED WHEN CROSSING ACTIVE AIRCRAFT PAVEMENT AND BEFORE ENTERING SAFETY AREAS. SUFFICIENT RADIOS SHALL BE ON SITE AND OPERATING AT ALL TIMES SO THAT COMMUNICATION TO ALL CONTRACTOR PERSONNEL IN THE AOA CAN BE MADE WITHIN ONE MINUTE AFTER RECEIPT FROM THE ATCT.

F. DEBRIS

1. DEBRIS, WASTE, AND LOOSE MATERIAL (INCLUDING DUST AND DIRT) CAPABLE OF DAMAGING AIRCRAFT LANDING GEAR, PROPELLERS, OR JET ENGINES, SHALL NOT BE PERMITTED ON ACTIVE AIRCRAFT PAVEMENT OR IN ADJACENT SAFETY AREAS. MATERIALS OBSERVED WITHIN THESE AREAS SHALL BE REMOVED IMMEDIATELY AND CONTINUOUSLY BY THE CONTRACTOR. THE CONTRACTOR SHALL HAVE APPROVED POWERED VACUUM SWEEPER(S) AND OPERATOR(S) ON SITE AND READY AT ALL TIMES DURING CONSTRUCTION ACTIVITY. WHERE TRAVEL ON OR ACROSS AIRCRAFT PAVEMENT IS NECESSARY, THE CONTRACTOR SHALL PROVIDE ADEQUATE PERSONNEL AND EQUIPMENT TO KEEP SUCH SURFACES CLEAR OF DEBRIS.

G. FLAGMEN ARE REQUIRED TO HAVE MOVEMENT DRIVERS TRAINING

1. THE CONTRACTOR SHALL PROVIDE FLAGMEN AS NECESSARY TO CONTROL CONSTRUCTION TRAFFIC (UNLESS OTHERWISE DIRECTED BY THE CONSTRUCTION MANAGER). NO CONTRACTOR ACTIVITY SHALL BEGIN UNTIL ALL REQUIRED SAFETY ITEMS AND PERSONNEL ARE IN PROPER POSITIONS AND FLAGMEN HAVE RADIO CONTACT WITH THE AIR TRAFFIC CONTROL TOWER (ATCT).

2. AT NO TIME SHALL CONTRACTOR VEHICLES OR PERSONNEL BE ALLOWED TO ENTER SAFETY AREAS OR CROSS ACTIVE RUNWAYS OR TAXIWAYS WITHOUT AUTHORIZATION FROM THE ATCT. ALL CONTRACTOR VEHICLES THAT MUST CROSS ACTIVE RUNWAYS, TAXIWAYS AND APRONS SHALL DO SO UNDER DIRECT CONTROL OF COMPETENT ESCORT WHO ARE IN DIRECT RADIO CONTACT WITH THE ATCT. AIRCRAFT ALWAYS HAVE PRIORITY OVER CONTRACTOR TRAFFIC.

H. VOR, ASR, LOC AND GS CRITICAL AREAS

1. REMAIN CLEAR OF VOR, ASR, LOC AND GS CRITICAL AREAS, EXCEPT DURING TRANSIT OR REQUIRED WORK IN THESE AREAS. VEHICLES IN TRANSIT THROUGH THESE AREAS SHALL BE KEPT TO AN ABSOLUTE MINIMUM AND SHALL STAY AS FAR FROM THE ANTENNAS AS POSSIBLE.

2. WHEN WORK IS REQUIRED IN A CRITICAL AREA, THE FACILITY WILL BE SHUT DOWN. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER 2 WORKING DAYS (48 HOURS) IN ADVANCE AND SHALL NOT PROCEED UNTIL APPROVAL IS RECEIVED. THE CONTRACTOR SHALL CEASE CONSTRUCTION AND REMOVE ALL EQUIPMENT FROM A CRITICAL AREA WHEN DIRECTED BY THE FAA AND/OR AIRPORT OPERATIONS DUE TO WEATHER OR OTHER SPECIAL OPERATING CONDITIONS.

I. MISCELLANEOUS

1. OPEN FLAME WELDING OR TORCH CUTTING IS PROHIBITED UNLESS ADEQUATE SAFETY PRECAUTIONS HAVE BEEN TAKEN AND A BURN PERMIT OBTAINED FROM AIRCRAFT RESCUE AND FIREFIGHTING (ARFF), A BURN PERMIT OBTAINED FROM AIRCRAFT RESCUE AND FIREFIGHTING, AND THE PROCEDURE IS PREVIOUSLY APPROVED BY AIRPORT RESCUE AND FIRE FIGHTING (ARFF) CHIEF AND AIRPORT OPERATIONS STAFF.

2. EQUIPMENT AND STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT RESULTING FROM AIRCRAFT JET BLAST OR WIND CONDITIONS IN EXCESS OF 10 KNOTS.

3. THE CONTRACTOR SHALL PROVIDE BARRICADES WITH RED FLASHING LIGHTS AS DIRECTED BY THE CONSTRUCTION MANAGER TO DELINEATE THE WORK AREAS AND OTHER AREAS CLOSED TO AIRPORT TRAFFIC. OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIAL LOCATED IN THE AOA SHALL BE PROMINENTLY MARKED WITH ORANGE FLAGS AND SHALL BE APPROPRIATELY LIGHTED DURING HOURS OF DARKNESS AND LIMITED VISIBILITY.

4. WHEN NOT IN USE, ALL MATERIALS AND EQUIPMENT SHALL BE PLACED IN APPROVED AREAS WHERE THEY ARE NOT HAZARDOUS TO AIRCRAFT OPERATIONS AND DO NOT PENETRATE CLEARANCE SURFACES DEFINED PREVIOUSLY AND SHOWN ON THE SAFETY PLAN. EQUIPMENT SHALL BE PARKED OUTSIDE THE MOVEMENT AREA DURING NON-WORKING HOURS UNLESS OTHERWISE APPROVED BY THE CONSTRUCTION MANAGER.

5. BEFORE RE-OPENING ANY AIRFIELD PAVEMENT THAT HAS BEEN CLOSED FOR WORK OR USED AS A CROSSING POINT OR HAUL ROUTE, THE CONSTRUCTION MANAGER WILL ARRANGE A PHYSICAL INSPECTION WITH AN AIRPORT OPERATIONS REPRESENTATIVE.

6. EXCEPT FOR EMERGENCIES, ALL CONTACT WITH AIRPORT PERSONNEL SHALL BE MADE THROUGH THE CONSTRUCTION MANAGER. FOR EMERGENCIES INVOLVING SAFETY (INJURIES, FIRES, SECURITY BREACHES, ETC.) THE CONTRACTOR SHALL MAKE DIRECT CONTACT WITH AIRPORT OPERATIONS FOLLOWED BY NOTIFICATION TO THE CONSTRUCTION MANAGER AS SOON AS POSSIBLE. CRITICAL EMERGENCIES SHALL BE REPORTED TO A 911 DISPATCHER IMMEDIATELY.

7. THE CONTRACTOR SHALL PROVIDE THE PHONE NUMBERS OF THREE PERSONNEL, INCLUDING THE PROJECT SUPERINTENDENT, WHO MAY BE CONTACTED IN THE EVENT OF AN EMERGENCY. PERSONNEL SHALL BE ON CALL 24 HOURS PER A DAY FOR MAINTAINING AIRPORT HAZARD LIGHTING AND BARRICADES, OR FOR RESPONDING TO ANY OTHER EMERGENCY ASSOCIATED WITH THE PROJECT

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX (02)504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
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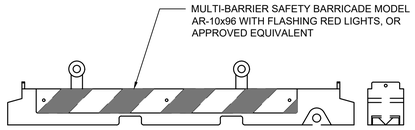
SAFETY AND SECURITY NOTES

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

G-501

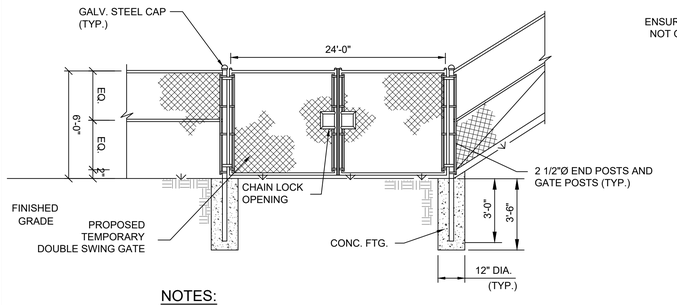
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PLOT DATE: 2025/09/09 AT 4:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



NOTES:

1. BARRICADES SHALL BE PLACED AS SHOWN IN THE WORK AREA PLANS TO DELINEATE THE CONTRACTOR'S LIMITS OF WORK.
2. BARRICADES SHALL BE WEIGHTED TO AT LEAST 32.5 LB/FT. IF CONTRACTOR ELECTS TO USE WATER FILLED BARRICADES, CONTRACTOR SHALL ROUTINELY INSPECT AND ADD WATER NECESSARY TO MAINTAIN MINIMUM WEIGHT REQUIREMENTS.
3. ATTACH TWO STEADY-BURN, SELF POWERED RED OBSTRUCTION LIGHTS TO EACH BARRICADE. BARRICADES TO BE PLACED IN A CONTINUOUS LINE AT ALL LOCATIONS. THERE WILL BE NO DIRECT PAYMENT FOR FURNISHING, MAINTAINING, OR REMOVAL OF THIS BARRICADE ASSEMBLY. THIS ITEM IS INCLUDED IN THE LUMP SUM PRICE FOR AIRPORT SAFETY, SECURITY, AND MAINTENANCE OF TRAFFIC.
4. ALL BARRICADES SHALL BE MOVED AT LEAST ONCE A WEEK AND THE CONTRACTOR SHALL SWEEP THE DEBRIS THAT HAS ACCUMULATED AND REMOVE THE DEBRIS FROM SITE. THE BARRICADES SHALL THEN BE REPLACED AT THE APPROPRIATE LOCATION.
5. ALL BARRICADES SHALL BE CHECKED VISUALLY FOR SIGNS OF WEAR AND TEAR ON A WEEKLY BASIS. THE CONDITIONS OF LIGHTING UNITS SHALL BE CHECKED DAILY. ALL LIGHT FIXTURES SHALL BE VERIFIED IN OPERATING CONDITION AND GOOD WORKING ORDER BY THE CONTRACTOR ON A DAILY BASIS, BEFORE THE CONTRACTOR CEASES OPERATIONS FOR THE DAY AND ALL THE TIMES DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL HAVE REPLACEMENT LIGHTS AND BATTERIES ON SITE AND SHALL REPLACE LIGHTS AND/OR BATTERIES WITHIN ONE HOUR OF NOTIFICATION BY THE RPR OR TMB OPERATIONS.
6. FLASHING LIGHTS SHALL BE PLACED AT THE ENDS AND AT CORNERS OF EACH LINE OF BARRICADES. ALL OTHER LIGHTS ON BARRICADES SHALL BE STEADY-BURN.
7. THE FINAL LOCATION FOR THE BARRICADES SHALL BE ESTABLISHED IN THE FIELD AS DIRECTED BY TMB AIRPORT OPERATIONS.

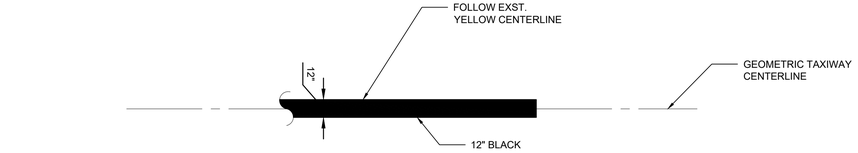
1 LOW LEVEL AIRFIELD BARRICADE DETAIL
NOT TO SCALE



NOTES:

1. TEMPORARY GATES TO BE REMOVED AFTER CONSTRUCTION IS COMPLETE. CONTRACTOR TO RE-INSTALL ORIGINAL GATES AFTER CONSTRUCTION IS COMPLETED. COST OF GATES ARE TO BE INCLUDED IN MOBILIZATION PAY ITEM. EXACT LOCATION TO BE COORDINATED WITH RPR AND TMB AIRPORT OPERATIONS.
2. GATES FULLY WITHIN THE AOA DO NOT REQUIRE BARBED WIRE.
3. EXTEND FENCING FROM EXISTING POST TO LOCATION OF TEMPORARY GATE.

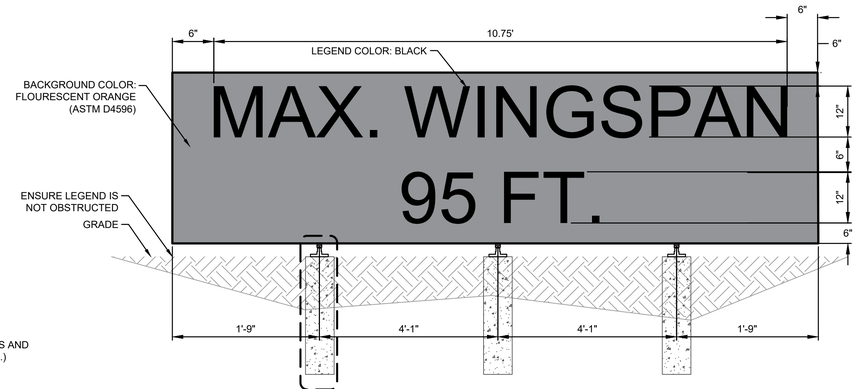
4 TEMPORARY ACCESS DOUBLE SWING GATE
NOT TO SCALE



NOTES:

1. CONTRACTOR SHALL FIELD VERIFY THE WIDTH OF THE EXISTING CENTERLINE MARKING AND BLACK OUT ENTIRE YELLOW MARKING WIDTH.
2. FINAL TAXIWAY CENTERLINE MARKINGS SHALL BE RESTORED IN ACCORDANCE WITH SPEC P-620.
3. PAINT SHALL BE IN ACCORDANCE WITH SPEC P-620, TEMP MARKING.

2 TAXIWAY CENTERLINE BLACKOUT DETAIL
NOT TO SCALE

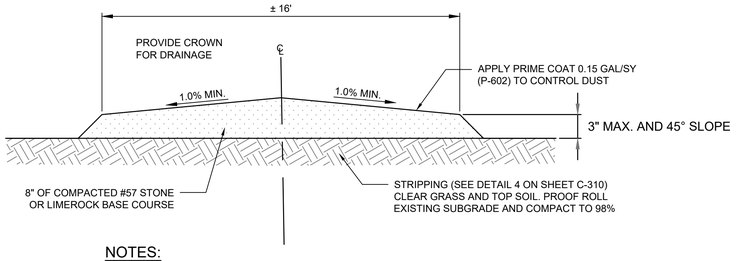


8 G-503

NOTES:

1. SIGN PANELS MUST BE CONSTRUCTED OF MATERIALS OF DURABILITY APPROPRIATE FOR THE LENGTH OF TIME THE SIGN IS THE BE USED AND MEETING THE REQUIREMENTS OF THE MANUFACTURER OF THE RETROREFLECTIVE SHEETING TO BE USED. SIGN PANELS MUST BE COVERED WITH RETROREFLECTIVE SHEETING MEETING THE REQUIREMENTS OF ASTM D4596.
2. SEE DETAIL 8 ON SHEET G-503 FOR MOUNTING DETAIL ON EARTH.
3. SEE DETAIL 8 ON SHEET G-503 FOR MOUNTING DETAIL ON EXISTING PAVEMENT.
4. COST OF FABRICATION, HARDWARE, FOUNDATION INSTALLATION, AND MAINTENANCE OF SIGN SHALL BE CONSIDERED ANCILLARY TO MAINTENANCE OF AIRCRAFT OPERATING AREA TRAFFIC LINE ITEM (015700-11.1).

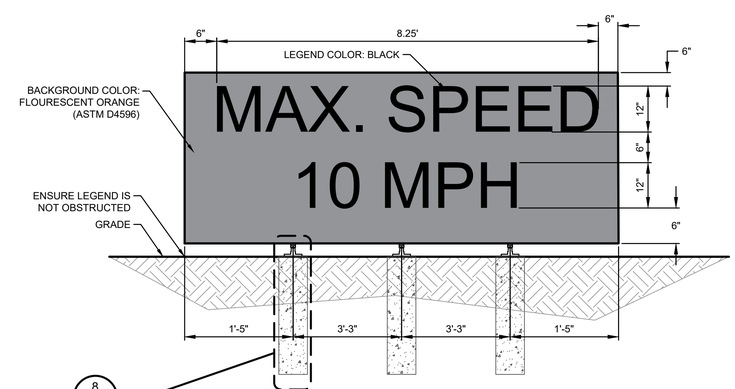
5 REDUCED WINGSPAN CONSTRUCTION SIGN
NOT TO SCALE



NOTES:

1. THE EXACT LIMITS AND LOCATION OF ACCESS ROAD WILL BE COORDINATED WITH TMB OPERATIONS STAFF AND SHALL BE APPROVED IN THE FIELD BY THE RPR.
2. AFTER COMPLETION OF CONSTRUCTION, THE ACCESS ROAD SHALL BE RETURNED TO ITS ORIGINAL CONDITION OR BETTER. THE CONTRACTOR SHALL SOD THE DISTURBED LIMITS.
3. ROAD COST AS SHOWN ABOVE, INCLUDING THE RESTORING TO ORIGINAL CONDITION, SHALL BE INCIDENTAL TO MOBILIZATION (C-105).

3 TEMPORARY ACCESS ROAD SECTION
NOT TO SCALE

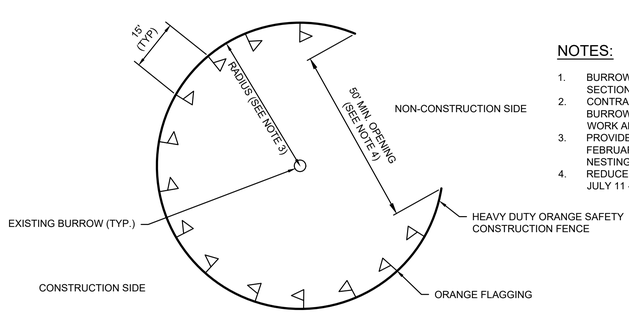


8 G-503

NOTES:

1. SIGN PANELS MUST BE CONSTRUCTED OF MATERIALS OF DURABILITY APPROPRIATE FOR THE LENGTH OF TIME THE SIGN IS THE BE USED AND MEETING THE REQUIREMENTS OF THE RETROREFLECTIVE SHEETING TO BE USED. SIGN PANELS MUST BE COVERED WITH RETROREFLECTIVE SHEETING MEETING THE REQUIREMENTS OF ASTM D4596.
2. SEE DETAIL 8 ON SHEET G-503 FOR MOUNTING DETAIL ON EARTH.
3. SEE DETAIL 8 ON SHEET G-503 FOR MOUNTING DETAIL ON EXISTING PAVEMENT.
4. COST OF FABRICATION, HARDWARE, FOUNDATION INSTALLATION, AND MAINTENANCE OF SIGN SHALL BE CONSIDERED ANCILLARY TO MAINTENANCE OF AIRCRAFT OPERATING AREA TRAFFIC LINE ITEM (015700-11.1).

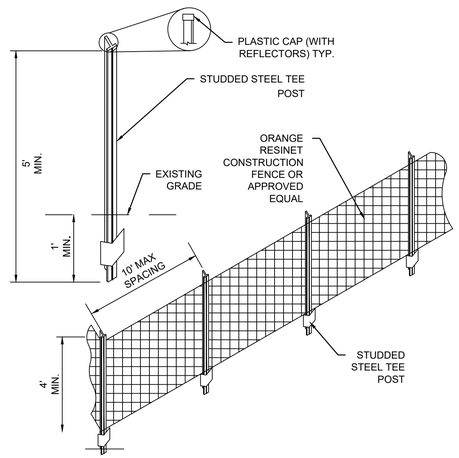
6 MAX SPEED 10 MPH. CONSTRUCTION SIGN
NOT TO SCALE



NOTES:

1. BURROW PROTECTION MEASUREMENT AND PAYMENT PER SECTION 015700-11.2.
2. CONTRACTOR TO CONFIRM THE LOCATIONS OF PROTECTED BURROWS PRIOR TO CONTRACTORS MOBILIZATION INTO EACH WORK AREA.
3. PROVIDE A 35' RADIUS DURING NESTING SEASON FROM FEBRUARY 15 - JULY 10. PROVIDE A 10' RADIUS OUTSIDE OF NESTING SEASON FROM JULY 11 - FEBRUARY 14.
4. REDUCE OPENING TO 5' OUTSIDE OF NESTING SEASON FROM JULY 11 - FEBRUARY 14.

7 WILDLIFE BURROW PROTECTION DETAIL
NOT TO SCALE



CONSTRUCTION FENCE INSTALLATION NOTES:

1. SEE PLAN VIEW FOR:
   -LOCATION OF CONSTRUCTION FENCE.
2. CONSTRUCTION FENCE SHOWN SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
3. CONSTRUCTION FENCE SHALL BE COMPOSED OF ORANGE CONTRACTOR-GRADE MATERIAL. THAT IS AT LEAST 4' HIGH METAL POSTS, SHOULD HAVE A PLASTIC CAP FOR SAFETY.
4. STUDDED STEEL TEE POSTS SHALL BE UTILIZED TO SUPPORT THE CONSTRUCTION FENCE. MAXIMUM SPACING FOR STEEL TEE POST SHALL BE 10'
5. CONSTRUCTION FENCE SHALL BE SECURELY FASTENED TO THE TOP, MIDDLE, AND BOTTOM OF EACH POST.

CONSTRUCTION FENCE MAINTENANCE NOTES:

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. CONSTRUCTION FENCE SHALL BE REPAIRED OR REPLACED WHEN THERE ARE SIGNS OF DAMAGE SUCH AS RIPS OR SAGS. CONSTRUCTION FENCE IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
5. WHEN CONSTRUCTION FENCES ARE REMOVED, ALL DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE FENCE SHALL BE COVERED WITH TOPSOIL SEEDED AND MULCHED, OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

8 CONSTRUCTION SAFETY FENCE
NOT TO SCALE

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

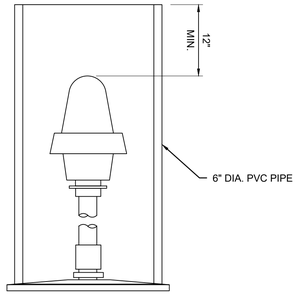
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

SAFETY AND SECURITY DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-502

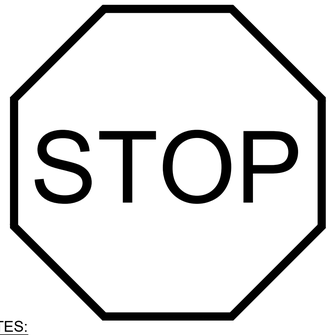
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PLOT DATE: 2025/09/09 AT 4:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



NOTES:

1. COST FOR PROVIDING, INSTALLING, MAINTAINING, AND REMOVING PVC EDGE LIGHT MASK SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR MAINTENANCE OF AOA TRAFFIC (015700-11.1).
2. CONTRACTOR SHALL JUMPER OUT CIRCUITS TO THE GREATEST EXTENT POSSIBLE TO AVOID LIVE CIRCUITS IN WORK AREAS.

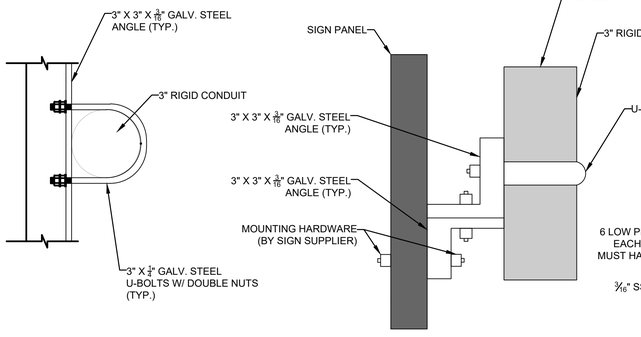
4 PVC EDGE LIGHT MASK
NOT TO SCALE



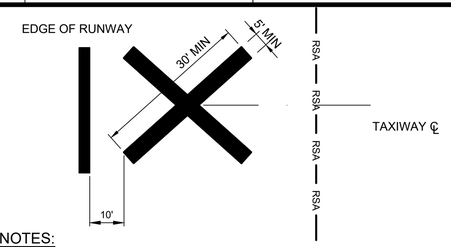
NOTES:

1. R1-1 STOP SIGN (18" ACROSS FLATS)
2. COLORS
   2.1. LEGEND - WHITE (RETROREFLECTIVE)
   2.2. BACKGROUND - RED (RETROREFLECTIVE)
3. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARD HIGHWAY SIGNS 2023 WITH REVISIONS 1 AND 2 (ENGLISH) EDITION.
4. SEE DETAIL 5 ON THIS SHEET FOR MOUNTING DETAILS.
5. COST OF FABRICATION, HARDWARE, FOUNDATION INSTALLATION, AND MAINTENANCE OF SIGN SHALL BE CONSIDERED ANCILLARY TO MAINTENANCE OF AIRCRAFT OPERATING AREA TRAFFIC LINE ITEM (015700-11.1).

4 STOP SIGN DETAIL
NOT TO SCALE



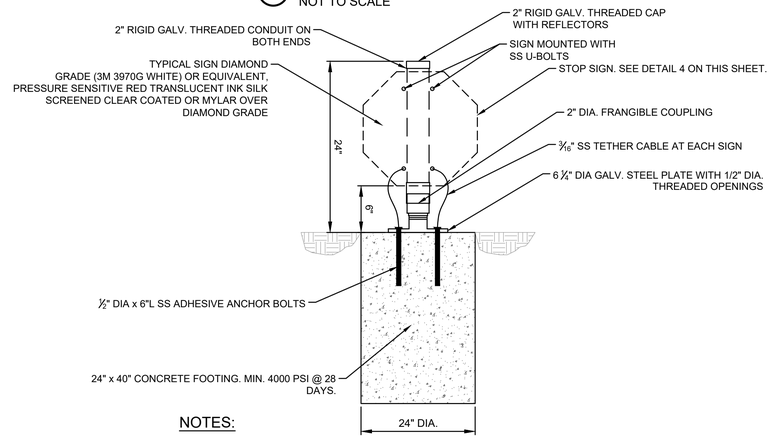
A CONSTRUCTION SIGN MOUNTING DETAIL
NOT TO SCALE



NOTES:

1. TAXIWAY CLOSURE MARKERS SHALL BE YELLOW IN COLOR AND CONSTRUCTED OF THE FOLLOWING MATERIALS: FABRIC, COLORED PLASTIC, PAINTED SHEETS OF PLYWOOD, OR SIMILAR MATERIALS. THEY SHALL BE PROPERLY CONFIGURED AND APPROPRIATELY SECURED TO PREVENT MOVEMENT BY PROP WASH, JET BLAST, OR OTHER WIND CURRENTS.
2. TAXIWAY CLOSURE MARKERS TO BE INCLUDED IN THE LUMP SUM BID PRICE FOR MAINTENANCE OF AOA TRAFFIC (015700-11.1).

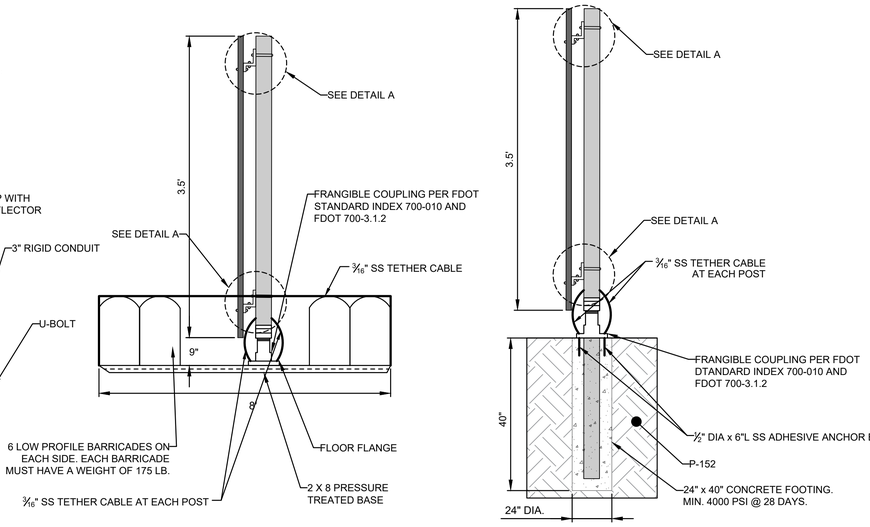
2 TAXIWAY CLOSURE MARKER
NOT TO SCALE



NOTES:

1. COST OF FABRICATION, HARDWARE, FOUNDATION INSTALLATION, AND MAINTENANCE OF SIGN SHALL BE CONSIDERED ANCILLARY TO MAINTENANCE OF AIRCRAFT OPERATING AREA TRAFFIC LINE ITEM (015700-11.1).

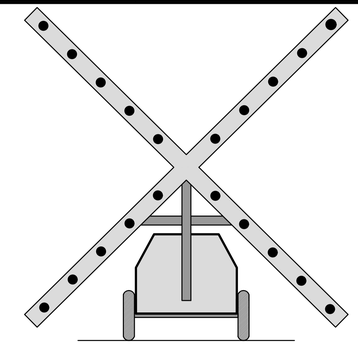
5 TYPICAL STOP SIGN MOUNTING DETAIL
NOT TO SCALE



NOTES:

1. COST OF FABRICATION, HARDWARE, FOUNDATION INSTALLATION, AND MAINTENANCE OF SIGN SHALL BE CONSIDERED ANCILLARY TO MAINTENANCE OF AIRCRAFT OPERATING AREA TRAFFIC LINE ITEM (015700-11.1).

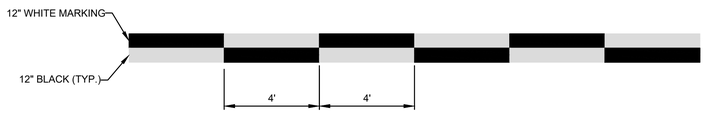
8 CONSTRUCTION SIGN MOUNTING DETAIL
NOT TO SCALE



NOTES:

1. CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE THE PORTABLE LIGHTED RUNWAY CLOSURE MARKERS FOR PHASES THAT REQUIRE RUNWAY CLOSURE. COST FOR LIGHTED CLOSURE MARKER SHALL BE INCIDENTAL TO MAINTENANCE OF AOA TRAFFIC (015700-11.1).

3 LIGHTED RUNWAY CLOSURE DETAIL
NOT TO SCALE



NOTES:

1. PAINT SHALL BE IN ACCORDANCE WITH SPEC P-620, TEMP MARKING.

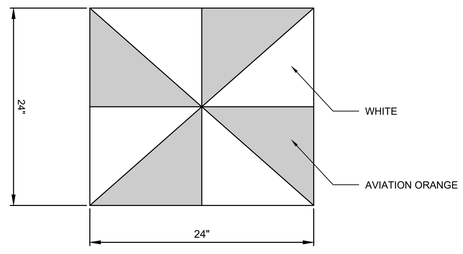
6 ROADWAY EDGE STRIPES ZIPPER STYLE DETAIL
NOT TO SCALE



NOTES:

1. PAINT SHALL BE IN ACCORDANCE WITH SPEC P-620, TEMP. MARKING.

7 TEMPORARY CENTERLINE MARKING DETAIL
NOT TO SCALE



NOTES:

1. FLAGS SHOULD BE RECTANGULAR IN SHAPE AND HAVE STIFFENERS TO KEEP THEM FROM DROPPING IN CALM WIND

9 VEHICLES/ EQUIPMENT FLAG MARKER DETAIL
NOT TO SCALE



NOTES:

1. PAINT SHALL BE IN ACCORDANCE WITH SPEC P-620, TEMP. MARKING.

10 TEMPORARY NO ACCESS MARKING DETAIL
NOT TO SCALE

MARK	DESCRIPTION	DATE

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

SAFETY AND SECURITY DETAILS

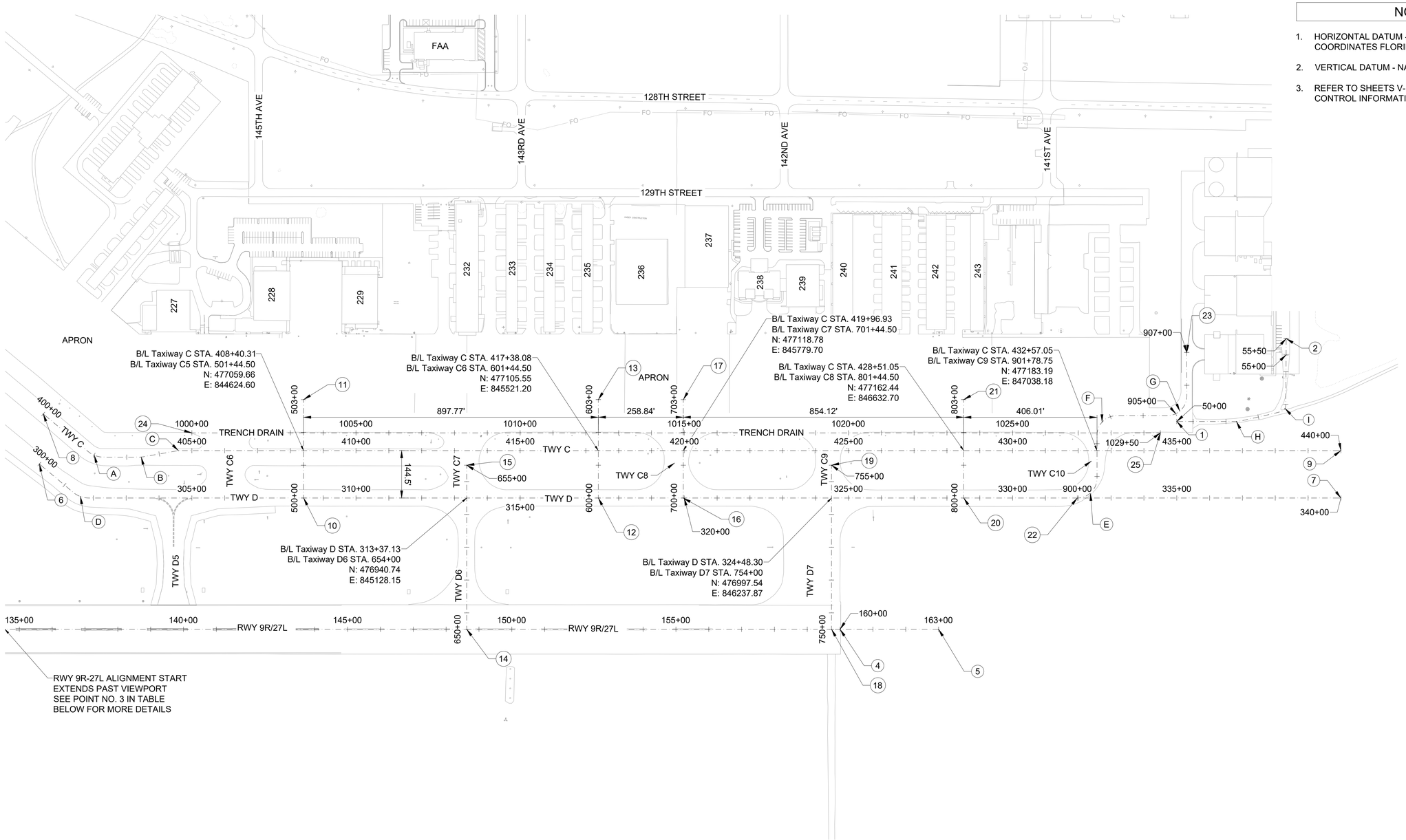
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
G-503

FILENAME: C:\PWWORKING\EAST01\D3123426\10365381G-501.DWG
PLOT DATE: 2025/05/21 AT 12:35 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

NOTES

1. HORIZONTAL DATUM - NAD 83 STATE PLANE COORDINATES FLORIDA EAST ZONE.
2. VERTICAL DATUM - NAVD 88
3. REFER TO SHEETS V-100 TO V-104 FOR SURVEY CONTROL INFORMATION



BASELINE TABLE					
POINT NO.	BASELINE	STATION	NORTHING	EASTING	DESCRIPTION
1	Access Road	50+00	477284.27	847276.27	START OF BASELINE
2	Access Road	55+50	477553.56	847596.31	END OF BASELINE
3	RW 9R-27L	97+00	476277.37	839992.72	START OF BASELINE
4	RW 9R-27L	160+00	476599.39	846284.27	RUNWAY 27L END
5	RW 9R-27L	163+00	476614.74	846584.09	END OF BASELINE
6	Taxiway D	300+00	476977.80	843822.97	START OF BASELINE
7	Taxiway D	340+00	477076.86	847787.54	END OF BASELINE
8	Taxiway C	400+00	477130.75	843827.00	START OF BASELINE
9	Taxiway C	440+00	477221.17	847780.15	END OF BASELINE
10	Taxiway C5	500+00	476915.35	844631.98	START OF BASELINE
11	Taxiway C5	503+00	477214.96	844616.65	END OF BASELINE
12	Taxiway C6	600+00	476961.24	845528.58	START OF BASELINE
13	Taxiway C6	603+00	477260.85	845513.25	END OF BASELINE

BASELINE TABLE					
POINT NO.	BASELINE	STATION	NORTHING	EASTING	DESCRIPTION
14	Taxiway D6	650+00	476541.27	845148.60	START OF BASELINE
15	Taxiway D6	655+00	477040.61	845123.04	END OF BASELINE
16	Taxiway C7	700+00	476974.47	845787.09	START OF BASELINE
17	Taxiway C7	703+00	477274.08	845771.75	END OF BASELINE
18	Taxiway D7	750+00	476598.07	846258.32	START OF BASELINE
19	Taxiway D7	755+00	477097.41	846232.76	END OF BASELINE
20	Taxiway C8	800+00	477018.13	846640.09	START OF BASELINE
21	Taxiway C8	803+00	477317.74	846624.75	END OF BASELINE
22	Taxiway C9	900+00	477035.82	846985.64	START OF BASELINE
23	Taxiway C9	907+00	477495.83	847295.91	END OF BASELINE
24	Trench Drain	1000+00	477096.19	844281.97	START OF BASELINE
25	Trench Drain	1029+50	477246.99	847228.11	END OF BASELINE

CURVE: (A)
TAXIWAY C:
PI STA: 402+03.95
N= 477007.18
E= 843990.65
Δ: 39°58' 59.92"
RADIUS: 75.00'
PC STA: 401+77.78
N= 477023.62
E= 843968.88
PT STA: 402+30.12
N= 477008.58
E= 844017.91

CURVE: (B)
TAXIWAY C:
PI STA: 403+43.92
N= 477014.39
E= 844131.57
Δ: 10°0' 0"
RADIUS: 75.00'
PC STA: 403+37.37
N= 477014.06
E= 844125.02
PT STA: 403+50.46
N= 477015.86
E= 844137.97

CURVE: (C)
TAXIWAY C:
PI STA: 404+59.08
N= 477040.17
E= 844243.85
Δ: 10°0' 0"
RADIUS: 75.00'
PC STA: 404+52.54
N= 477038.70
E= 844237.45
PT STA: 404+65.63
N= 477040.51
E= 844250.40

CURVE: (D)
TAXIWAY D:
PI STA: 301+60.12
N= 476880.52
E= 843951.56
Δ: 40° 02' 09.37"
RADIUS: 75.00'
PC STA: 301+33.92
N= 476897.01
E= 843929.77
PT STA: 301+86.33
N= 476881.92
E= 843978.85

CURVE: (E)
TAXIWAY C9:
PI STA: 900+47.12
N= 477038.88
E= 847045.56
Δ: 90°00'00.00"
RADIUS: 60.00'
PC STA: 900+00.00
N= 477035.82
E= 846985.65
PT STA: 900+94.25
N= 477098.80
E= 847042.50

CURVE: (F)
TAXIWAY C9:
PI STA: 902+72.35
N= 477289.50
E= 847032.74
Δ: 90°00'00.00"
RADIUS: 60.00'
PC STA: 902+25.37
N= 477229.75
E= 847035.80
PT STA: 903+19.34
N= 477292.55
E= 847092.48

CURVE: (G)
TAXIWAY C9:
PI STA: 905+20.27
N= 477303.43
E= 847306.07
Δ: 90°00'00.00"
RADIUS: 60.00'
PC STA: 904+73.14
N= 477300.42
E= 847246.09
PT STA: 905+67.50
N= 477363.52
E= 847302.93

CURVE: (H)
ACCESS ROAD:
PI STA: 51+88.45
N= 477293.89
E= 847464.52
Δ: 12°48'21.50"
RADIUS: 105.00'
PC STA: 51+76.72
N= 477293.29
E= 847452.75
PT STA: 52+00.18
N= 477297.09
E= 847475.86

CURVE: (I)
ACCESS ROAD:
PI STA: 53+33.49
N= 477335.01
E= 847606.00
Δ: 74°57'56.67"
RADIUS: 20'
PC STA: 53+20.41
N= 477330.38
E= 847591.38
PT STA: 53+46.58
N= 477350.33
E= 847605.32

GRAPHIC SCALE (IN FEET)
150' 0' 150' 300'

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

GEOMETRIC CONTROL PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W1125A

SHEET ID
C-101

FILENAME: C:\PW\WORKING\EAST01\D31236261\03565381C-101.DWG
PLOT DATE: 2025/05/21 AT 12:35 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

LEGEND

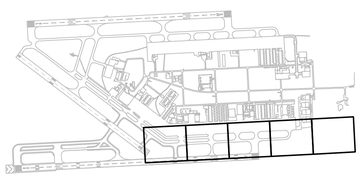
- TEMPORARY FILTER FABRIC
- SF — TEMPORARY SILT FENCE
- RSA — RUNWAY SAFETY AREA
- ROFA — RUNWAY OBJECT FREE AREA

NOTES

1. NEWLY INSTALLED INLETS SHALL BE PROTECTED IN A SIMILAR MANNER TO THE EXISTING INLETS THROUGHOUT THE DIFFERENT PHASES OF CONSTRUCTION TILL CONSTRUCTION IS FINISHED.
2. PLEASE REFER TO SHEET C-116 FOR STORMWATER POLLUTION PREVENTION NOTES AND DETAILS.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STORMWATER POLLUTION PREVENTION METHODS AND EROSION CONTROL METHODS PER PHASING PLAN AND PERMITTING REQUIREMENTS THROUGHOUT CONSTRUCTION,

GRAPHIC SCALE
(IN FEET)
200' 0' 200' 400'

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEIFE
SUBMITTED BY: E. GUEVARA

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

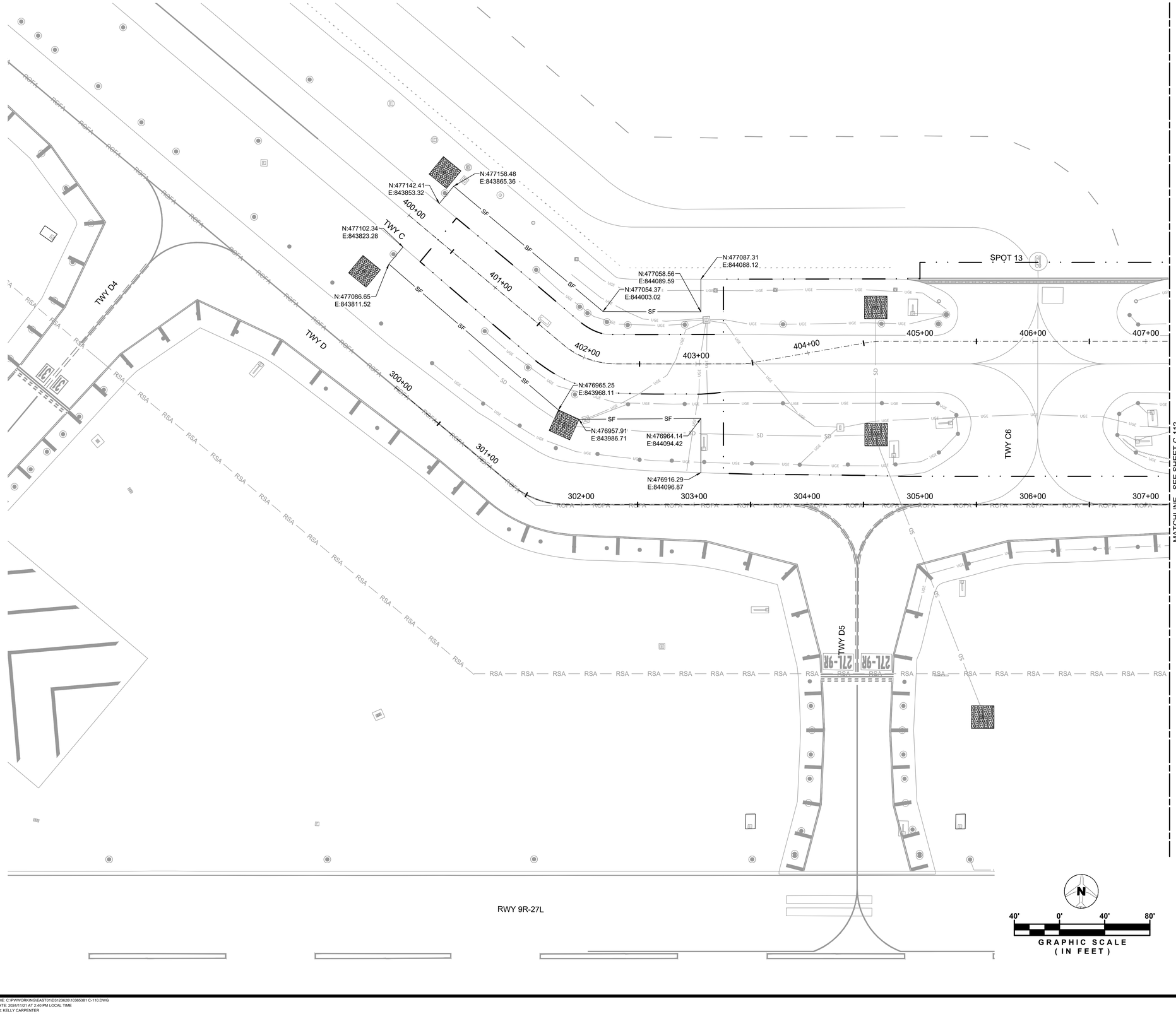
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

OVERALL STORMWATER POLLUTION PREVENTION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-110

FILENAME: C:\PWWORKING\EAST01\D312362B\I10365381 C-110.DWG
PLOT DATE: 2024/11/21 AT 2:40 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



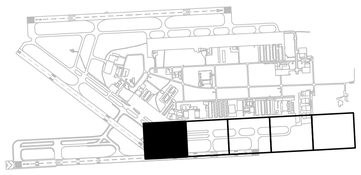
LEGEND

- TEMPORARY FILTER FABRIC
- SF — TEMPORARY SILT FENCE
- RSA — RUNWAY SAFETY AREA
- ROFA — RUNWAY OBJECT FREE AREA
- LIMITS OF GRADING

NOTES

1. NEWLY INSTALLED INLETS SHALL BE PROTECTED IN A SIMILAR MANNER TO THE EXISTING INLETS THROUGHOUT THE DIFFERENT PHASES OF CONSTRUCTION TILL CONSTRUCTION IS FINISHED.
2. PLEASE REFER TO SHEET C-116 FOR STORMWATER POLLUTION PREVENTION NOTES AND DETAILS.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STORMWATER POLLUTION PREVENTION METHODS AND EROSION CONTROL METHODS PER PHASING PLAN AND PERMITTING REQUIREMENTS THROUGHOUT CONSTRUCTION,

KEY MAP



MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEFE
SUBMITTED BY: E. GUEVARA

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

MARK	DESCRIPTION	DATE

LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

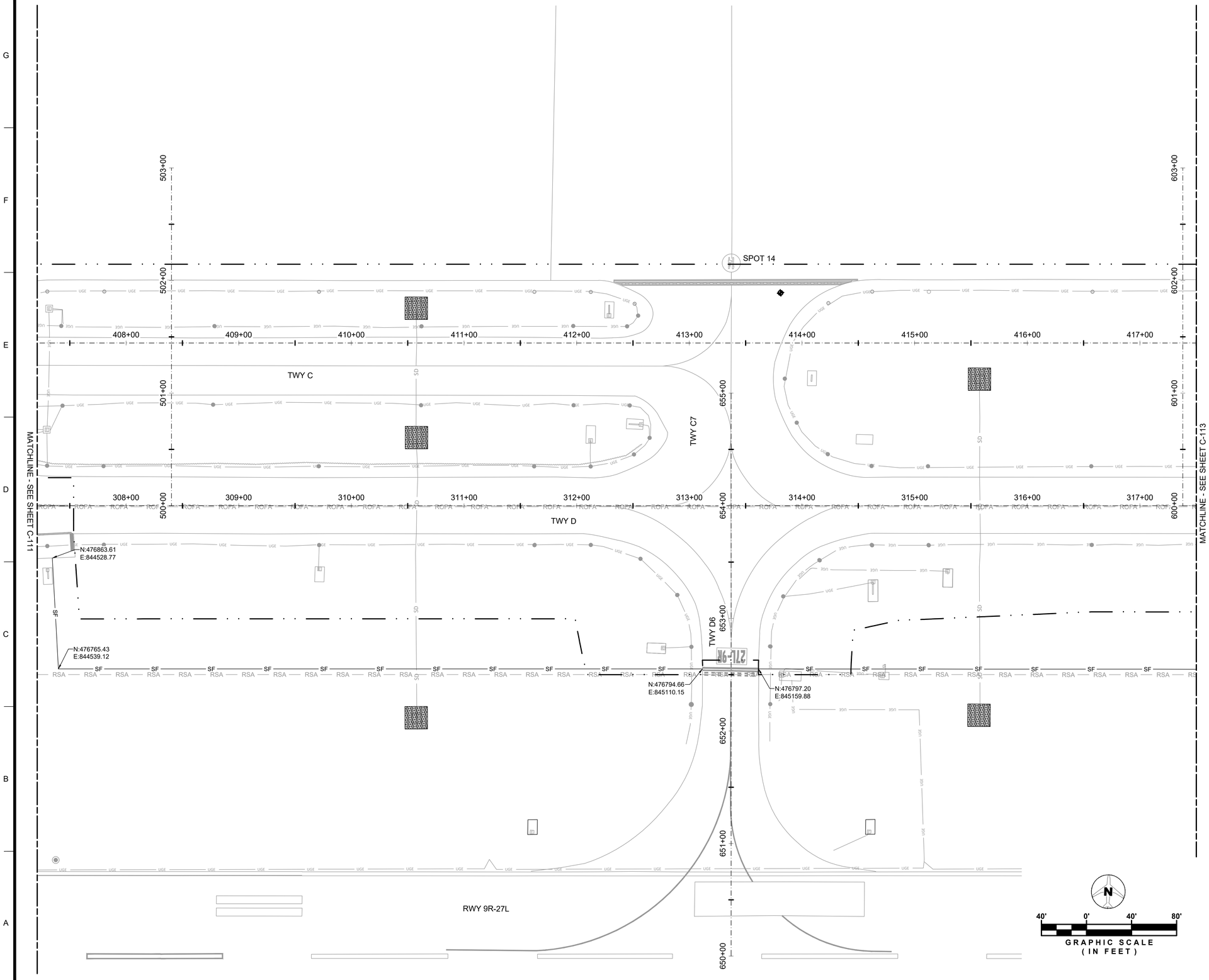
STORMWATER POLLUTION PREVENTION PLAN

TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-111

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381 C-110.DWG
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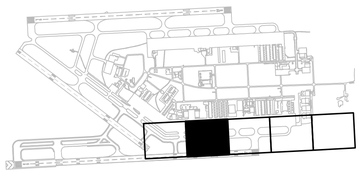
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KEY MAP



N

40' 0' 40' 80'

GRAPHIC SCALE
(IN FEET)

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DATE:

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DORAL, FL 33166
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STORMWATER POLLUTION PREVENTION PLAN

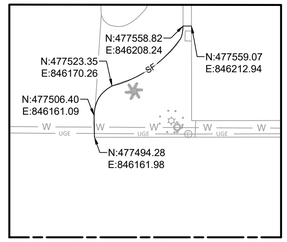
TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-112

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PLOT DATE: 2024/11/21 AT 2:40 PM LOCAL TIME
AUTHOR: KELLY CARPENTER

MATCHLINE - SEE SAME SHEET



MATCHLINE - SEE SAME SHEET

LEGEND

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SPOT 15

SPOT 16

703+00

702+00

701+00

700+00

755+00

754+00

753+00

752+00

751+00

750+00

418+00 419+00 420+00 421+00 422+00 423+00 424+00 425+00 426+00 427+00

318+00 319+00 320+00 321+00 322+00 323+00 324+00 325+00 326+00 327+00

TWY D

TWY D7

MATCHLINE - SEE SHEET C-112

MATCHLINE - SEE SHEET C-114

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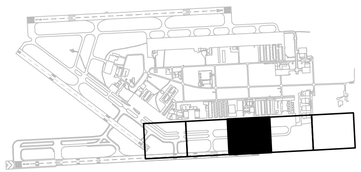
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RWY 9R-27L

27L

GRAPHIC SCALE
(IN FEET)
40' 0' 40' 80'

KEY MAP



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P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

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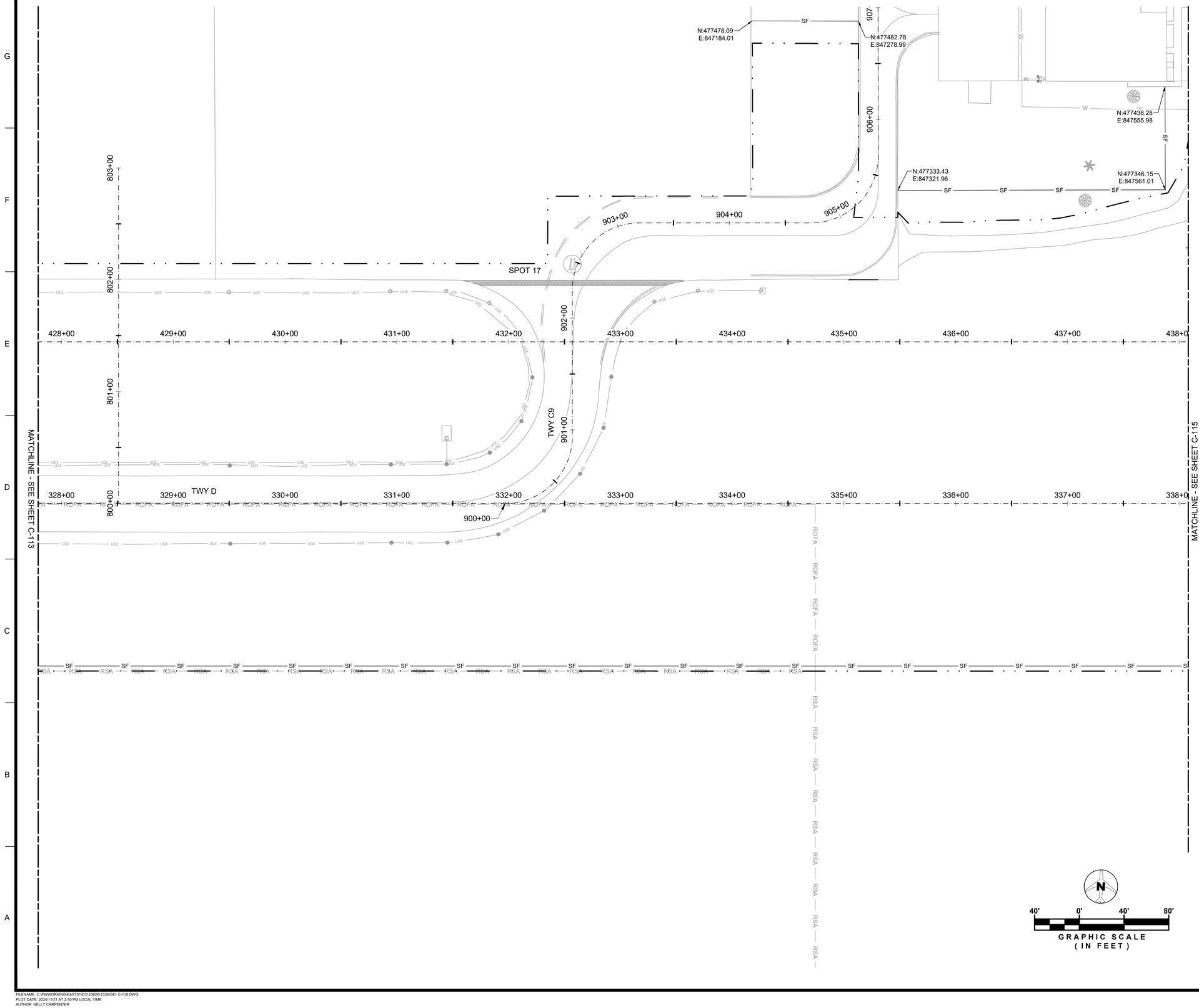
STORMWATER POLLUTION PREVENTION PLAN

TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-113

FILENAME: C:\PWWORKING\EAST01\D3123426\10365381 C-110.DWG
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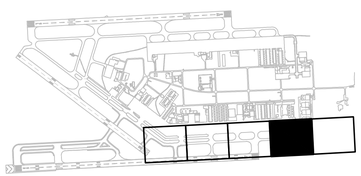
LEGEND

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40' 0' 40' 80'

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STORMWATER POLLUTION PREVENTION PLAN

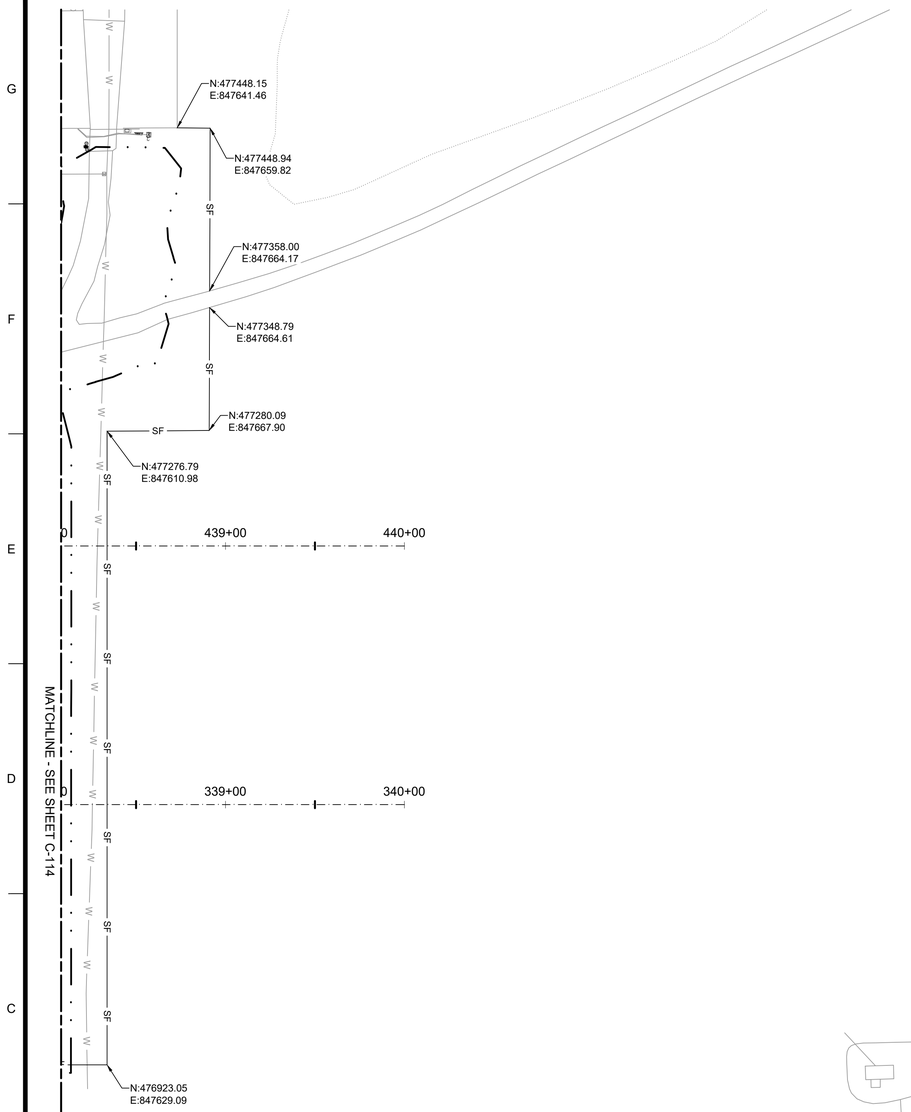
TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

C-114

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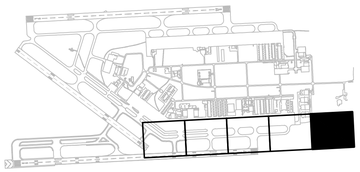
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STORMWATER POLLUTION PREVENTION PLAN

TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-115

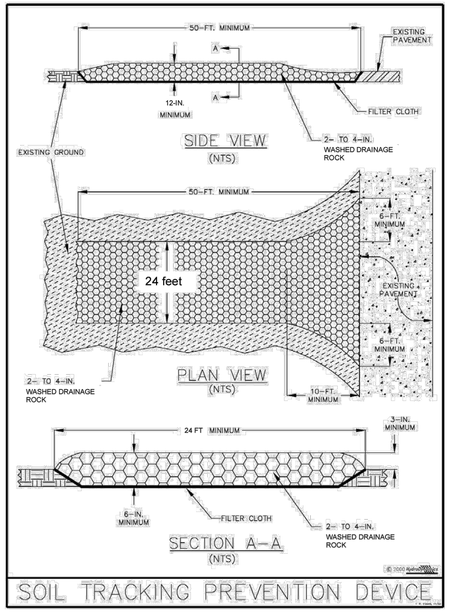
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PLOT DATE: 2024/11/21 AT 2:40 PM LOCAL TIME
AUTHOR: KELLY CARPENTER

STORM WATER POLLUTION PREVENTION NOTES

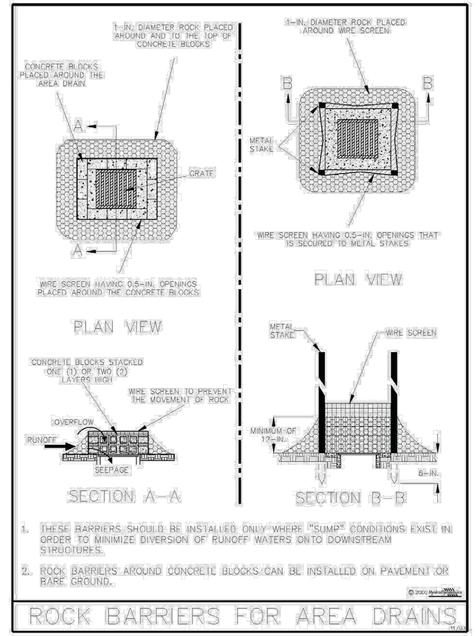
1. PERMANENT OR TEMPORARY EROSION & SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THESE MEASURES DURING CONSTRUCTION AND FOR THE REMOVAL AFTER COMPLETION OF THE PROJECT.
3. CONFORMANCE WITH SWPPP SHALL NOT RELIEVE THE CONTRACTOR FROM PROTECTING ADJACENT PROPERTIES, FEATURES & NATURAL ENVIRONMENT.
4. EROSION & SEDIMENT CONTROL MEASURES SHALL BE ADEQUATELY MAINTAINED TO PERFORM THE INTENDED FUNCTION DURING CONSTRUCTION OF THIS PROJECT.
5. CONTRACTOR SHALL PROTECT ALL DRAINAGE STRUCTURES, WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH THE ESTABLISHED METHODS AS NOTED ABOVE.
6. DUST, RESULTING FROM PROPOSED DEMOLITION ACTIVITIES, SHALL BE PREVENTED FROM INTRUSION INTO THE STORMWATER CONVEYANCE SYSTEM. APPROPRIATE DUST CONTROL TECHNIQUES (WATER OR SLURRY) SHALL BE RETAINED ON SITE. THE USE OF CALCIUM CHLORIDE, OILS OR OTHER CHEMICAL DUST CONTROL AGENTS IS PROHIBITED FROM THIS PROJECT.
7. EXISTING DRAINAGE FLOW PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION.
8. THE CONTRACTOR SHALL MONITOR ALL POLLUTION CONTROL DEVICES TO ENSURE SUFFICIENT CONVEYANCE OF STORMWATER RUNOFF & TO ELIMINATE SOIL EROSION DURING CONSTRUCTION.
9. CONTRACTOR SHALL COVER LOADED TRUCKS WITH TARPAULINS.
10. CONTRACTOR SHALL REMOVE EXCESS DIRT FROM PROJECT SITE ON A DAILY BASIS.
11. CONTRACTOR SHALL INSPECT POLLUTION CONTROL DEVICES AT LEAST ONCE EVERY SEVEN CALENDAR DAYS & WITHIN 24 HOURS OF THE END OF ALL STORM EVENTS.
12. AT NO TIME SHALL SEDIMENTS BE ALLOWED TO ACCUMULATE WITHIN DRAINAGE STRUCTURE & CONVEYANCE PIPELINES. STRUCTURES & PIPELINES SHALL BE CLEANED FREQUENTLY AS NEEDED. THE CLEANING OPERATIONS SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
13. CONTRACTOR SHALL PROTECT STOCKPILED MATERIALS AND OTHER RELATED CONSTRUCTION MATERIAL AGAINST ACCIDENTAL TRANSPORTATION FROM PROJECT SITE BY WIND & WATER FLOW.
14. ALL STORM DRAINAGE SYSTEMS MADE OPERABLE DURING CONSTRUCTION, SHALL BE PROTECTED FROM SEDIMENT LADEN RUNOFF AND/OR FLOWS.
15. MODIFICATIONS OR CHANGES TO THE INFORMATION DEPICTED ON THE STORMWATER POLLUTION PREVENTION PLAN SHEETS SHALL BE SUBMITTED TO THE EOR/JURISDICTIONS FOR APPROVAL.
16. ALL APPLICABLE PERMITS RELATING TO THE INSTALLATION OF THESE MEASURES SHALL BE SECURED BY CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

CONTRACTOR'S NPDES PERMIT REQUIREMENTS

1. CONTRACTOR SHALL OBTAIN COVERAGE UNDER AN NPDES STORMWATER PERMIT AND IMPLEMENT APPROPRIATE POLLUTION PREVENTION TECHNIQUES TO MINIMIZE EROSION AND SEDIMENTATION AND PROPERLY MANAGE STORMWATER. A GENERIC PERMIT IS A GENERAL PERMIT ISSUED BY DEP UNDER THE AUTHORITY OF SECTION 403.0885, FLORIDA STATUTES (F.S.), WHICH IS THE PROVISION AUTHORIZING THE STATE TO IMPLEMENT THE NPDES PROGRAM.
2. CONTRACTOR SHALL SUBMIT A CGP NOTICE OF INTENT (NOI) TO THE NPDES STORMWATER NOTICES CENTER TO OBTAIN PERMIT COVERAGE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITY.
3. CONTRACTOR SHALL DEVELOP A STORMWATER POLLUTION PREVENTION PLAN (SWPP) TO BE IN COMPLIANCE WITH THE PERMIT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITY.
4. CONTRACTOR SHALL SUBMIT A NOTICE OF TERMINATION (NOT) TO THE NPDES STORMWATER NOTICES CENTER TO DISCONTINUE PERMIT COVERAGE. PERMIT COVERAGE SHALL BE TERMINATED WHEN THE ELIGIBILITY REQUIREMENTS FOR TERMINATION SPECIFIED IN THE CGP ARE MET.
5. CONTRACTOR SHALL RENEW COVERAGE EVERY FIVE YEARS IF THE CONSTRUCTION ACTIVITY EXTENDS BEYOND A 5-YEAR PERIOD.

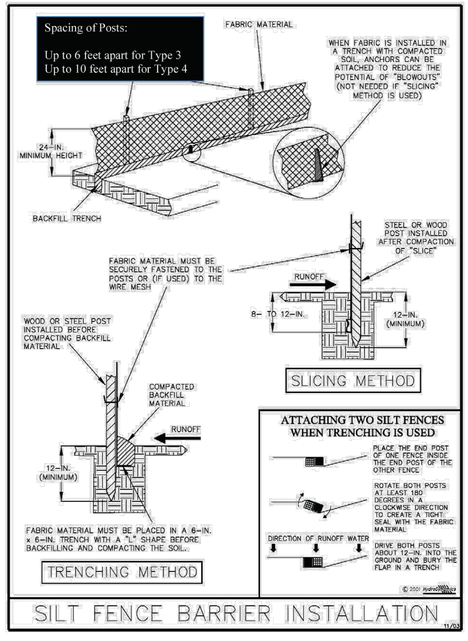


SOIL TRACKING PREVENTION DEVICE

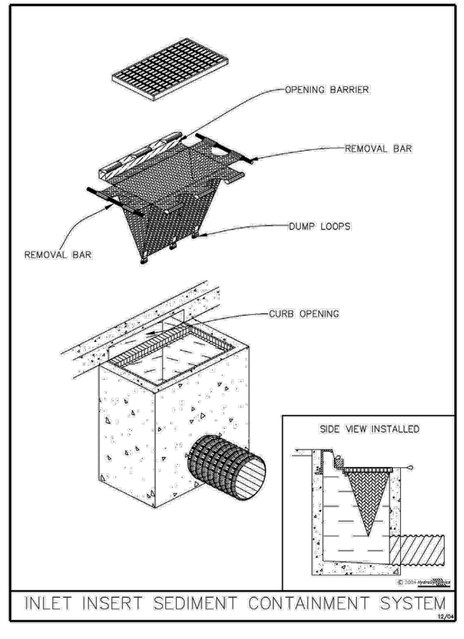


1. THESE BARRIERS SHOULD BE INSTALLED ONLY WHERE "SUMP" CONDITIONS EXIST IN ORDER TO MINIMIZE DIVERSION OF RUNOFF WATERS ONTO DOWNSTREAM STRUCTURES.
2. ROCK BARRIERS AROUND CONCRETE BLOCKS CAN BE INSTALLED ON PAVEMENT OR BARE GROUND.

ROCK BARRIERS FOR AREA DRAINS



SILT FENCE BARRIER INSTALLATION



INLET INSERT SEDIMENT CONTAINMENT SYSTEM

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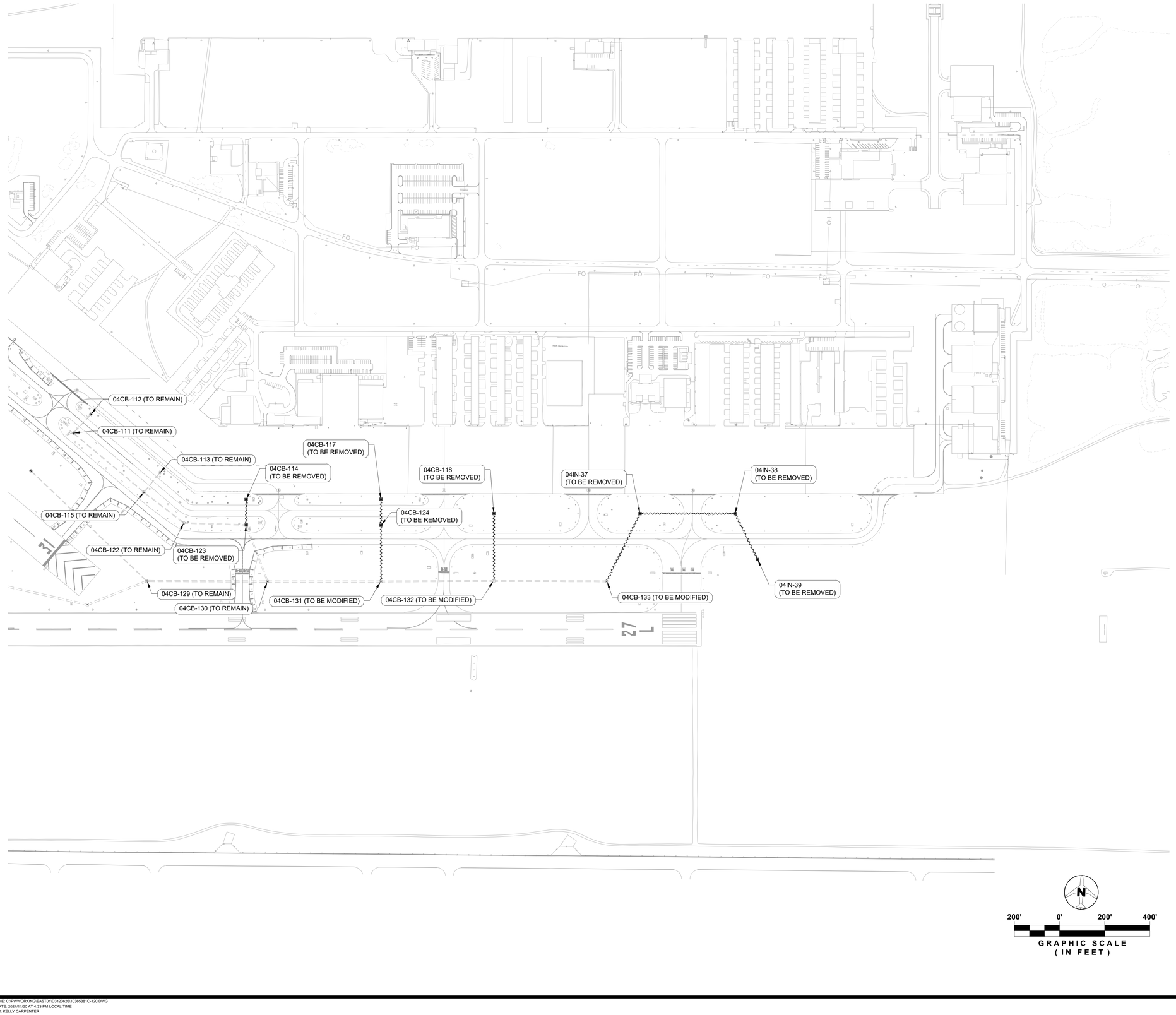
LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

STORMWATER POLLUTION PREVENTION NOTES AND DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-116

FILENAME: C:\PWWORKING\EAST01\D312362B\103653381C-121.DWG
PLOT DATE: 2024/11/21 AT 2:40 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



LEGEND

- EXISTING STORM DRAIN PIPE
- EXISTING CATCH BASIN OR INLET
- EXISTING PIPE TO BE REMOVED
- EXISTING STRUCTURE TO BE REMOVED
- TSA — TAXIWAY SAFETY AREA
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- RSA — RUNWAY SAFETY AREA
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NOTES

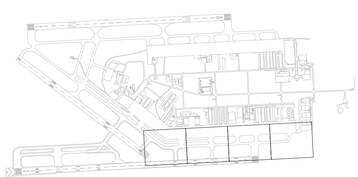
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3. ALL ELEVATIONS SHOWN ARE IN THE NATIONAL AMERICAN VERTICAL DATUM OF 1988 (NAVD). 0.00-FT NAVD IS EQUIVALENT TO 1.53-FT NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD).

N

200' 0' 200' 400'

GRAPHIC SCALE
(IN FEET)

KEY MAP



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FL PE NO.: 94538
DATE:

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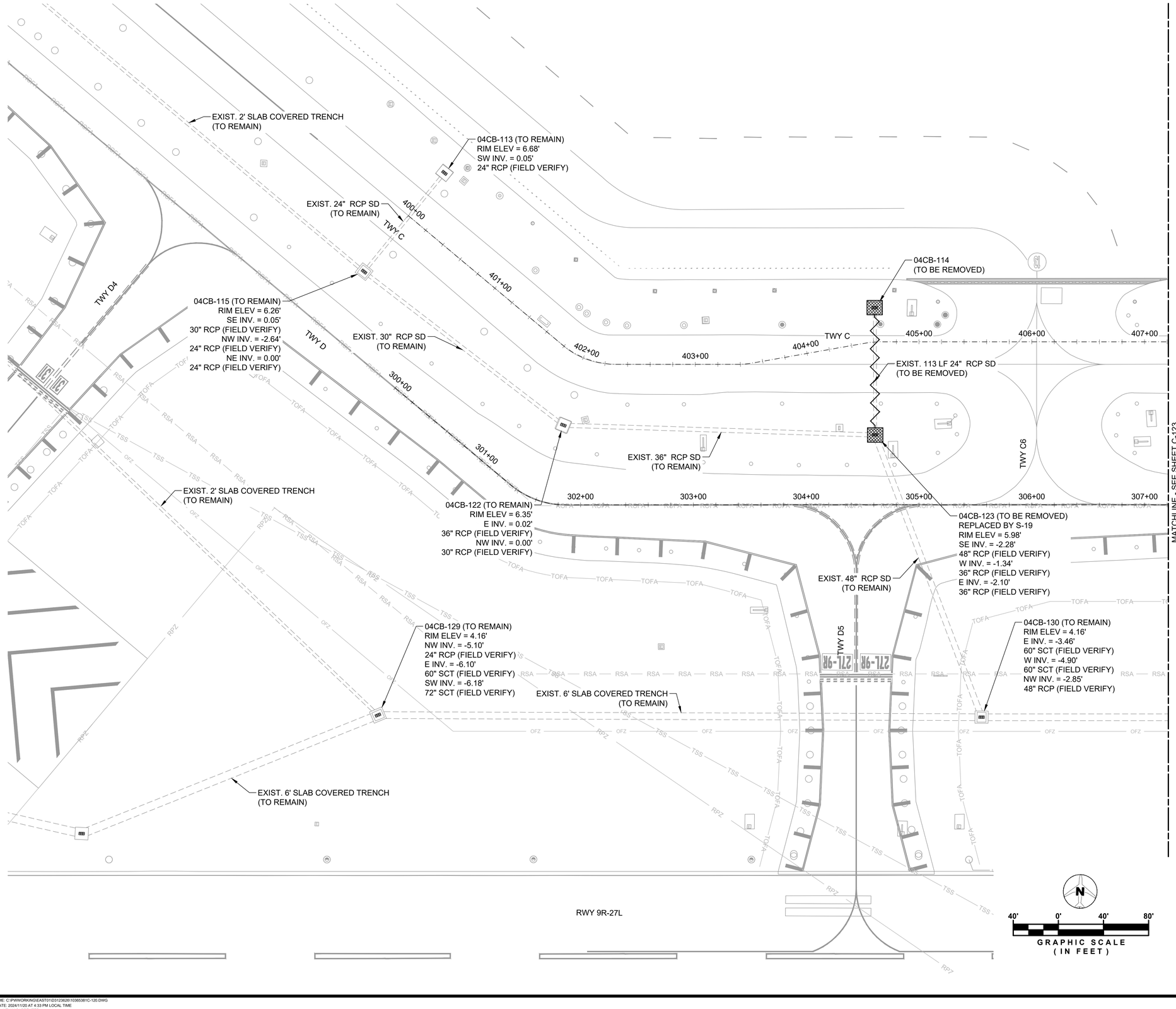
HDR ENGINEERING, INC.
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OVERALL DRAINAGE DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-121

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PLOT DATE: 2024/11/20 AT 4:33 PM LOCAL TIME
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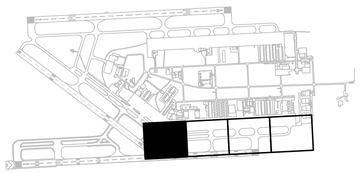
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LICENSED PROFESSIONAL

ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEFE
SUBMITTED BY: E. GUEVARA

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

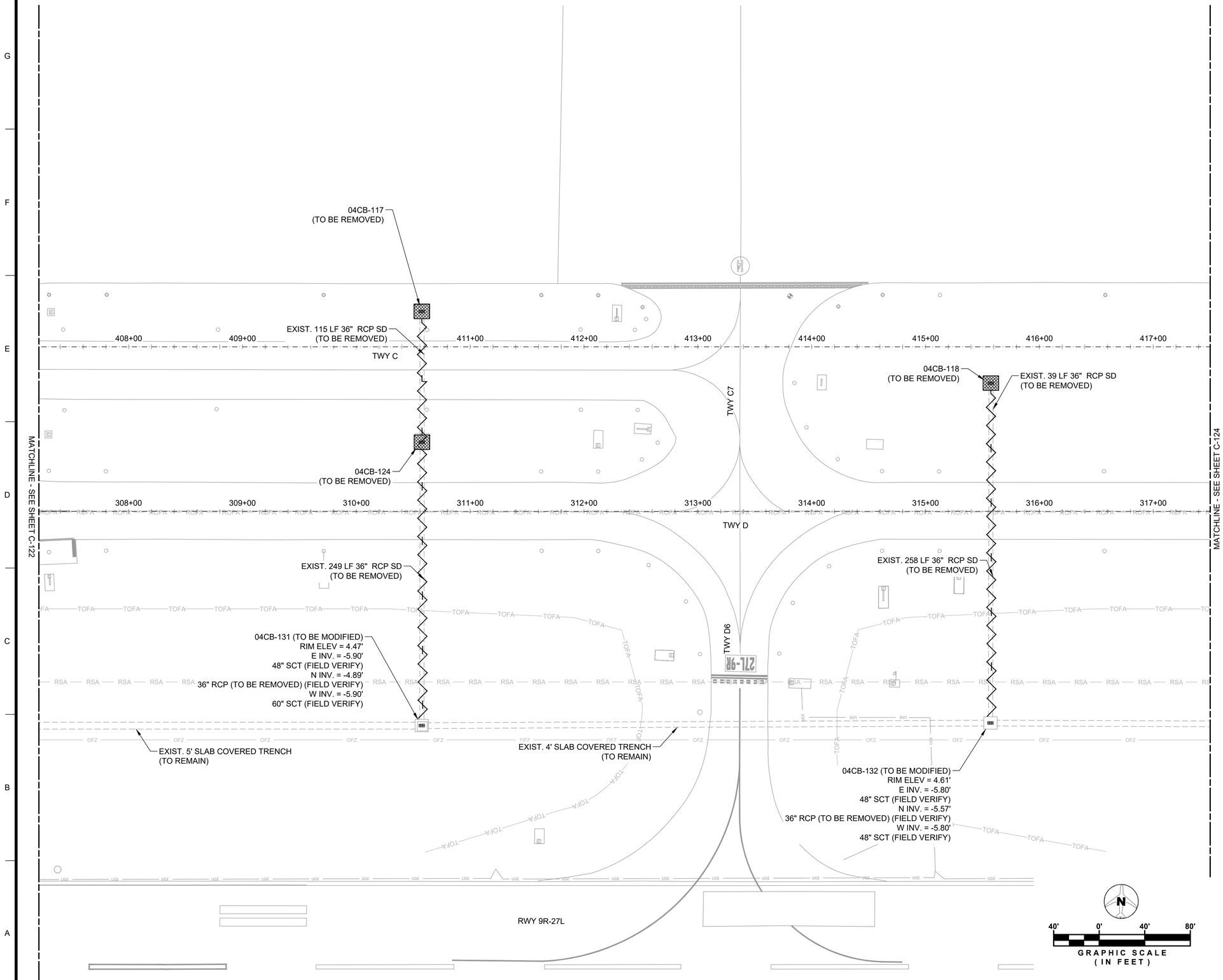
HDR ENGINEERING, INC.
8333 NW 53RD STREET E200
DORAL, FL 33166
(305) 728-7452

DRAINAGE DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-122

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381\C-120.DWG
PLOT DATE: 2024/11/20 AT 4:33 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



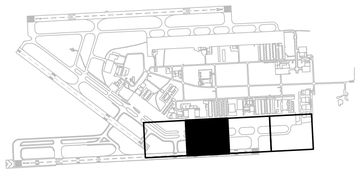
LEGEND

- EXISTING STORM DRAIN PIPE
- EXISTING CATCH BASIN OR INLET
- EXISTING PIPE TO BE REMOVED
- EXISTING STRUCTURE TO BE REMOVED
- TSA — TAXIWAY SAFETY AREA
- TOFA — TAXIWAY OBJECT FREE AREA
- RSA — RUNWAY SAFETY AREA
- ROFA — RUNWAY OBJECT FREE AREA

NOTES

1. EXISTING CONDITIONS PRESENTED ARE BASED ON A TOPOGRAPHIC SURVEY PERFORMED BY FR ALEMAN & ASSOCIATES, INC.
2. ALL WORK SHALL BE IN ACCORDANCE WITH MIAMI DADE AVIATION DEPARTMENT DESIGN GUIDELINES MANUAL (LATEST EDITION) AND FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULARS (LATEST EDITION).
3. ALL ELEVATIONS SHOWN ARE IN THE NATIONAL AMERICAN VERTICAL DATUM OF 1988 (NAVD). 0.00-FT NAVD IS EQUIVALENT TO 1.53-FT NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD).

KEY MAP



MIAMI-DADE COUNTY

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEFE
SUBMITTED BY: E. GUEVARA
ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

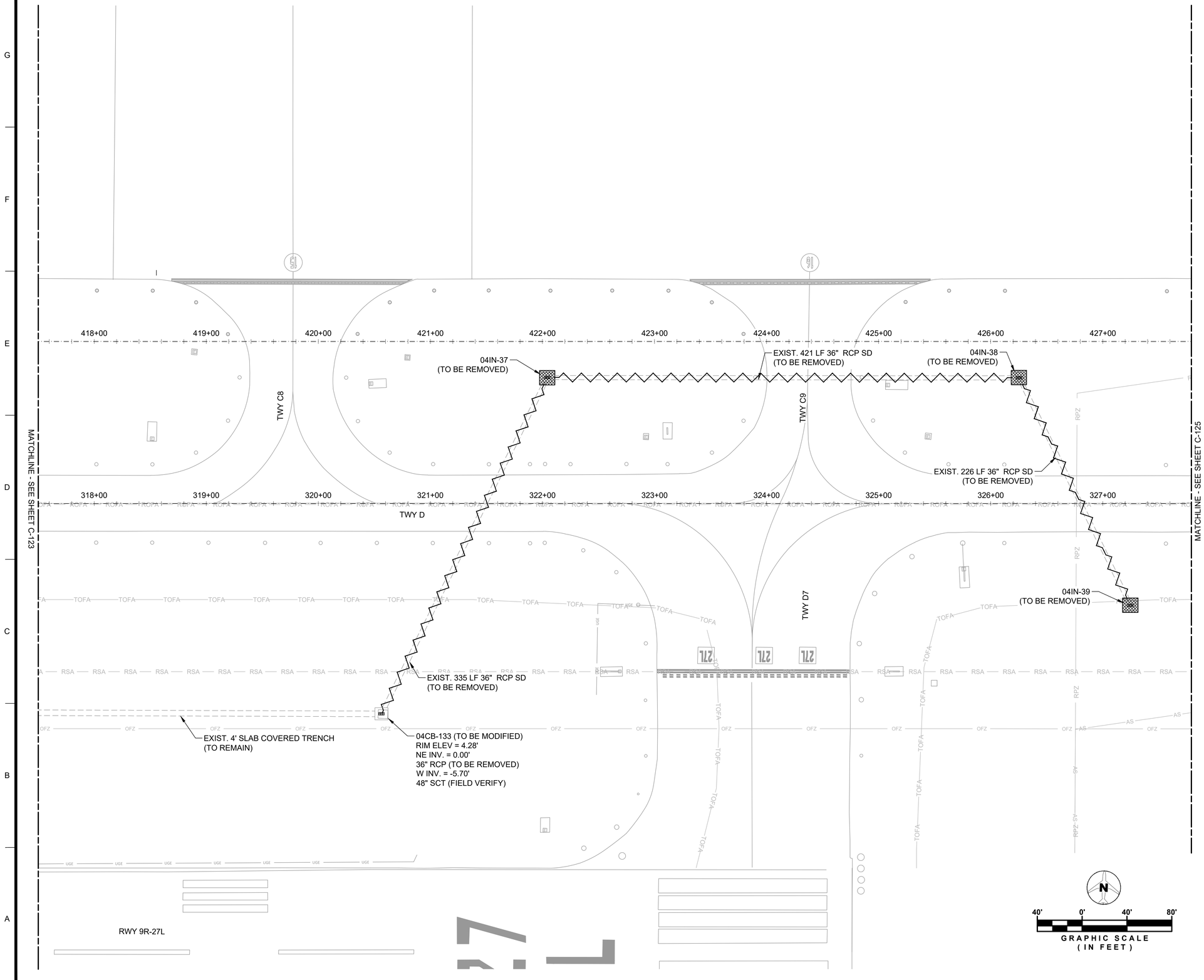
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

DRAINAGE DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-123

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381\C-120.DWG
PLOT DATE: 2024/11/20 AT 4:33 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



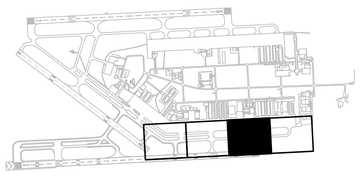
LEGEND

- EXISTING STORM DRAIN PIPE
- EXISTING CATCH BASIN OR INLET
- EXISTING PIPE TO BE REMOVED
- EXISTING STRUCTURE TO BE REMOVED
- TSA — TAXIWAY SAFETY AREA
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KEY MAP



N

40' 0' 40' 80'

GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEFE
SUBMITTED BY: E. GUEVARA

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

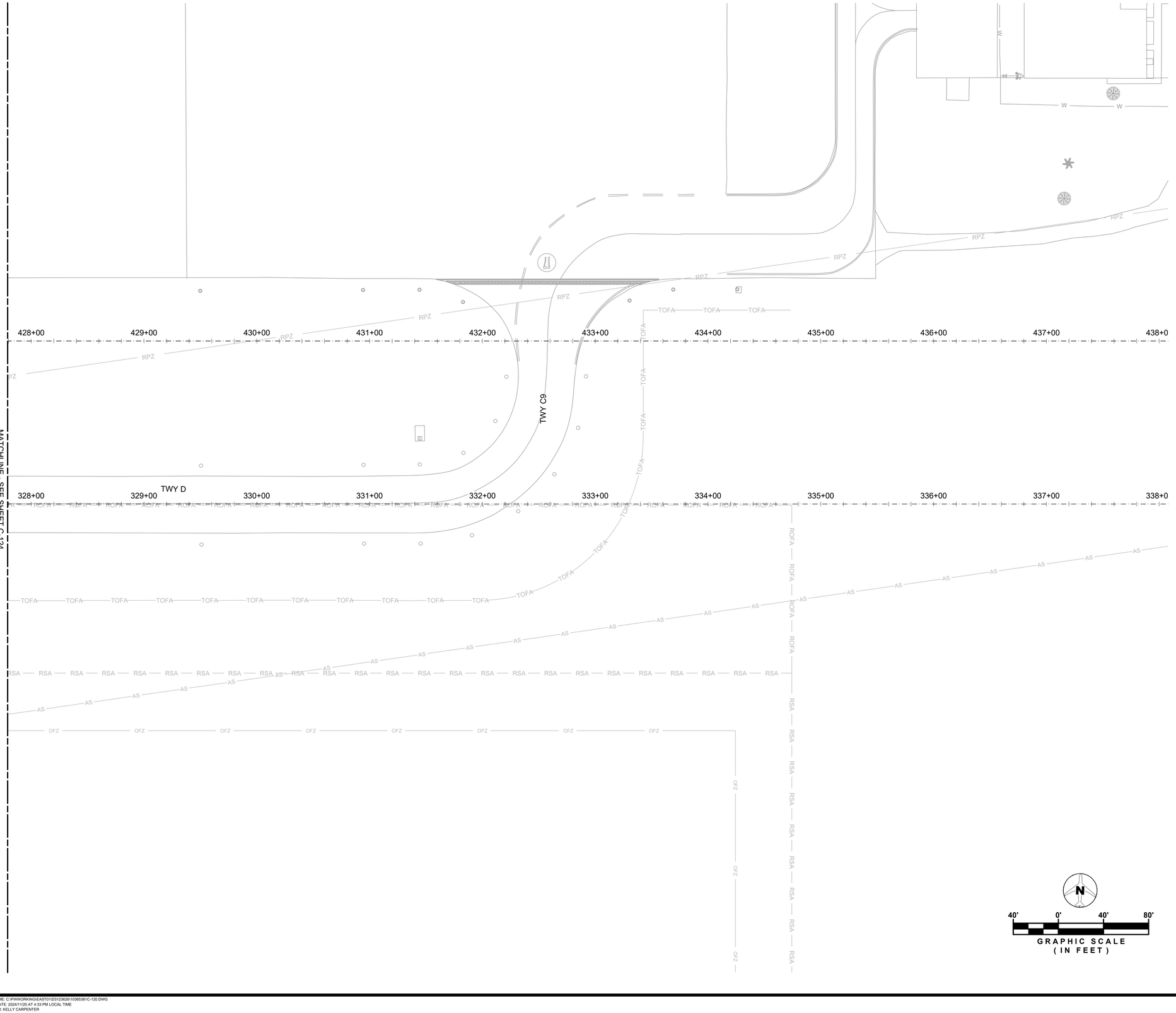
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

DRAINAGE DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-124

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381\C-120.DWG
PLOT DATE: 2024/11/20 AT 4:33 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



LEGEND

- EXISTING STORM DRAIN PIPE
- EXISTING CATCH BASIN OR INLET
- EXISTING PIPE TO BE REMOVED
- EXISTING STRUCTURE TO BE REMOVED
- TSA — TAXIWAY SAFETY AREA
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- RSA — RUNWAY SAFETY AREA
- ROFA — RUNWAY OBJECT FREE AREA

NOTES

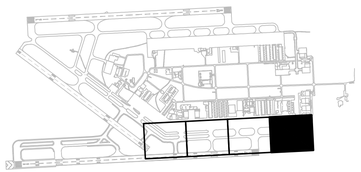
1. EXISTING CONDITIONS PRESENTED ARE BASED ON A TOPOGRAPHIC SURVEY PERFORMED BY FR ALEMAN & ASSOCIATES, INC.
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N

40' 0' 40' 80'

GRAPHIC SCALE
(IN FEET)

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

DESIGNED BY: E. GUEVARA	ISSUE DATE: 11/22/2024
DRAWN BY: K. CARPENTER	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: M. ADEIFE	
SUBMITTED BY: E. GUEVARA	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

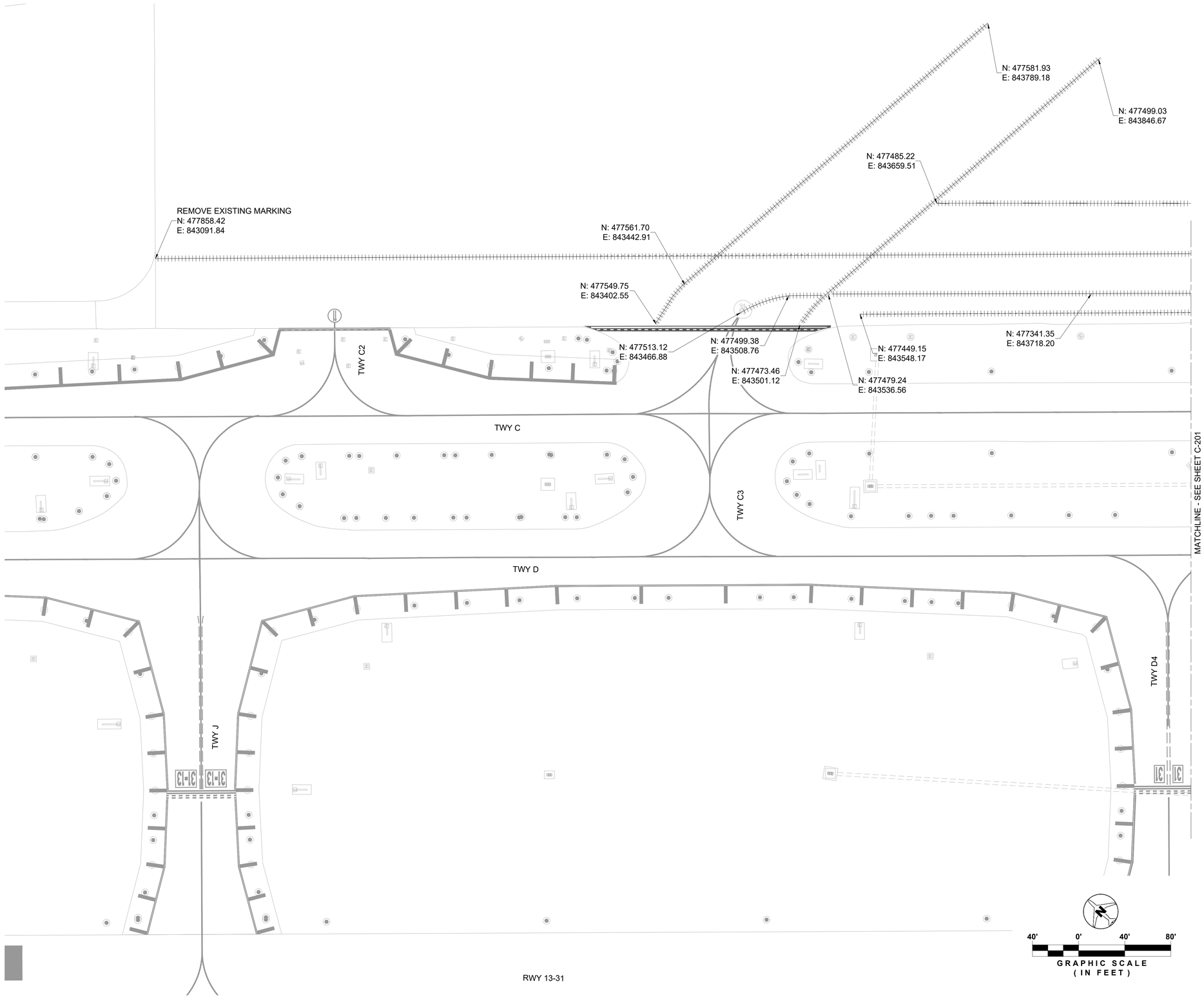
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

DRAINAGE DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-125

FILENAME: C:\PWWORKING\EAST01\D312362610365381\C-120.DWG
PLOT DATE: 2024/11/20 AT 4:33 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



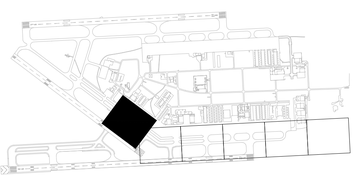
LEGEND

- STRIPPING (SEE DETAIL 4 ON SHEET C-310)
- FULL DEPTH ASPHALT REMOVAL (SEE DETAIL 1 ON SHEET C-310)
- ASPHALT TRANSITION (SEE DETAIL 3 ON SHEET C-310)
- REMOVE EXISTING ASPHALT & VARIABLE DEPTH OF BASE COURSE (SEE DETAIL 2 ON SHEET C-310)
- REMOVAL OF EXISTING MARKINGS PER SPEC P-620
- XX — DEMOLITION LIMITS (SEE SHEET C-206 FOR POINT TABLES)

NOTES

1. REFER TO ELECTRICAL DEMOLITION PLANS FOR ELECTRICAL DEMOLITION WORK.
2. REFER TO DRAINAGE PLANS SHEETS C-121 TO C-125 FOR DRAINAGE DEMOLITION WORK.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DITCHES OR PUMPING THAT MAY BE REQUIRED SHALL BE INCIDENTAL TO PAY ITEM P-152.
4. STRIPPING SHALL INCLUDE BLADING GRASS, AND REMOVAL OF VEGETATION AND TOPSOIL FROM THE SURFACE DOWN TO 4" BELOW EXISTING GRADE. THE STRIPPING DEPTH SHALL BE MINIMIZED AS TO MINIMIZE THE QUANTITY OF EMBANKMENT REQUIRED.
5. STRIPPED MATERIAL SHALL BE STOCKPILED SEPARATE FROM SUITABLE EXCAVATED MATERIAL TO PREVENT CONTAMINATION OF SUITABLE EMBANKMENT MATERIAL. STRIPPINGS MAY BE USED AS TOP SOIL PROVIDED STRIPPINGS MEET REQUIREMENTS OF SPECIFICATION T-905.
6. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS. PRIOR TO ANY EXCAVATION OR DEMOLITION, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AND FLORIDA SUNSHINE ONE CALL AS PRESCRIBED BY STATE LAW. THIS REQUIREMENT IS IN ADDITION TO ANY OTHER STATE LAWS REGARDING PUBLIC NOTIFICATION PRIOR TO EXCAVATION.
7. THERE ARE EXISTING AIRFIELD LIGHTING AND NAVIGATIONAL AID POWER SUPPLY, GROUNDING AND COUNTERPOISE SYSTEMS EXISTING IN THE AREAS OF CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH AIRPORT FACILITIES PRIOR TO DIGGING. THESE ITEMS ARE LOCAL TO THE AIRPORT AND ARE NOT IDENTIFIED BY FLORIDA SUNSHINE ONE CALL.
8. PROTECT PAVEMENT AND/OR PAVEMENT MARKINGS BEYOND THE LIMITS OF PAVEMENT REMOVAL.
9. SEE DETAIL 8 ON SHEET C-310 FOR PAVEMENT REMOVAL ADJACENT TO ASPHALT PAVEMENT TO REMAIN DETAIL.

KEY MAP



Sunshine 811

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: W. BOWDOIN	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

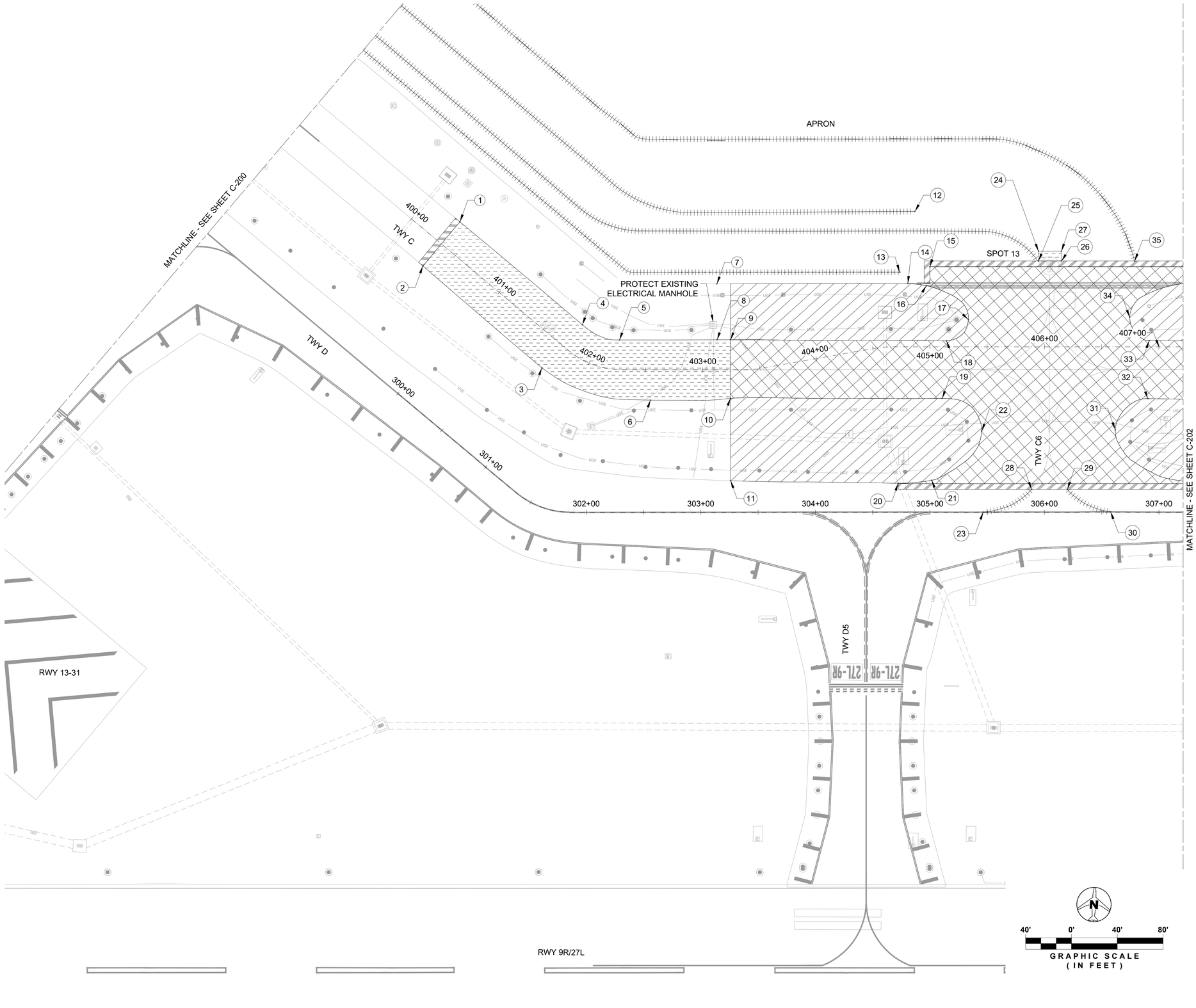
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-200

FILENAME: C:\PWORKING\EAST01\D312362B1\03653810-201.DWG
PLOT DATE: 2025/05/21 AT 12:37 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



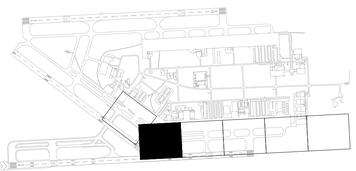
LEGEND

- STRIPPING (SEE DETAIL 4 ON SHEET C-310)
- FULL DEPTH ASPHALT REMOVAL (SEE DETAIL 1 ON SHEET C-310)
- ASPHALT TRANSITION (SEE DETAIL 3 ON SHEET C-310)
- REMOVE EXISTING ASPHALT & VARIABLE DEPTH OF BASE COURSE (SEE DETAIL 2 ON SHEET C-310)
- REMOVAL OF EXISTING MARKINGS PER SPEC P-620
- XX — DEMOLITION LIMITS (SEE SHEET C-206 FOR POINT TABLES)

NOTES

1. REFER TO ELECTRICAL DEMOLITION PLANS FOR ELECTRICAL DEMOLITION WORK.
2. REFER TO DRAINAGE PLANS SHEETS C-121 TO C-125 FOR DRAINAGE DEMOLITION WORK.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DITCHES OR PUMPING THAT MAY BE REQUIRED SHALL BE INCIDENTAL TO PAY ITEM P-152.
4. STRIPPING SHALL INCLUDE BLADING GRASS, AND REMOVAL OF VEGETATION AND TOPSOIL FROM THE SURFACE DOWN TO 4" BELOW EXISTING GRADE. THE STRIPPING DEPTH SHALL BE MINIMIZED AS TO MINIMIZE THE QUANTITY OF EMBANKMENT REQUIRED.
5. STRIPPED MATERIAL SHALL BE STOCKPILED SEPARATE FROM SUITABLE EXCAVATED MATERIAL TO PREVENT CONTAMINATION OF SUITABLE EMBANKMENT MATERIAL. STRIPPINGS MAY BE USED AS TOP SOIL PROVIDED STRIPPINGS MEET REQUIREMENTS OF SPECIFICATION T-905.
6. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS. PRIOR TO ANY EXCAVATION OR DEMOLITION, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AND FLORIDA SUNSHINE ONE CALL AS PRESCRIBED BY STATE LAW. THIS REQUIREMENT IS IN ADDITION TO ANY OTHER STATE LAWS REGARDING PUBLIC NOTIFICATION PRIOR TO EXCAVATION.
7. THERE ARE EXISTING AIRFIELD LIGHTING AND NAVIGATIONAL AID POWER SUPPLY, GROUNDING AND COUNTERPOISE SYSTEMS EXISTING IN THE AREAS OF CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH AIRPORT FACILITIES PRIOR TO DIGGING. THESE ITEMS ARE LOCAL TO THE AIRPORT AND ARE NOT IDENTIFIED BY FLORIDA SUNSHINE ONE CALL.
8. PROTECT PAVEMENT AND/OR PAVEMENT MARKINGS BEYOND THE LIMITS OF PAVEMENT REMOVAL.
9. SEE DETAIL 8 ON SHEET C-310 FOR PAVEMENT REMOVAL ADJACENT TO ASPHALT PAVEMENT TO REMAIN DETAIL.

KEY MAP



Sunshine811

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: W. BOWDOIN	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

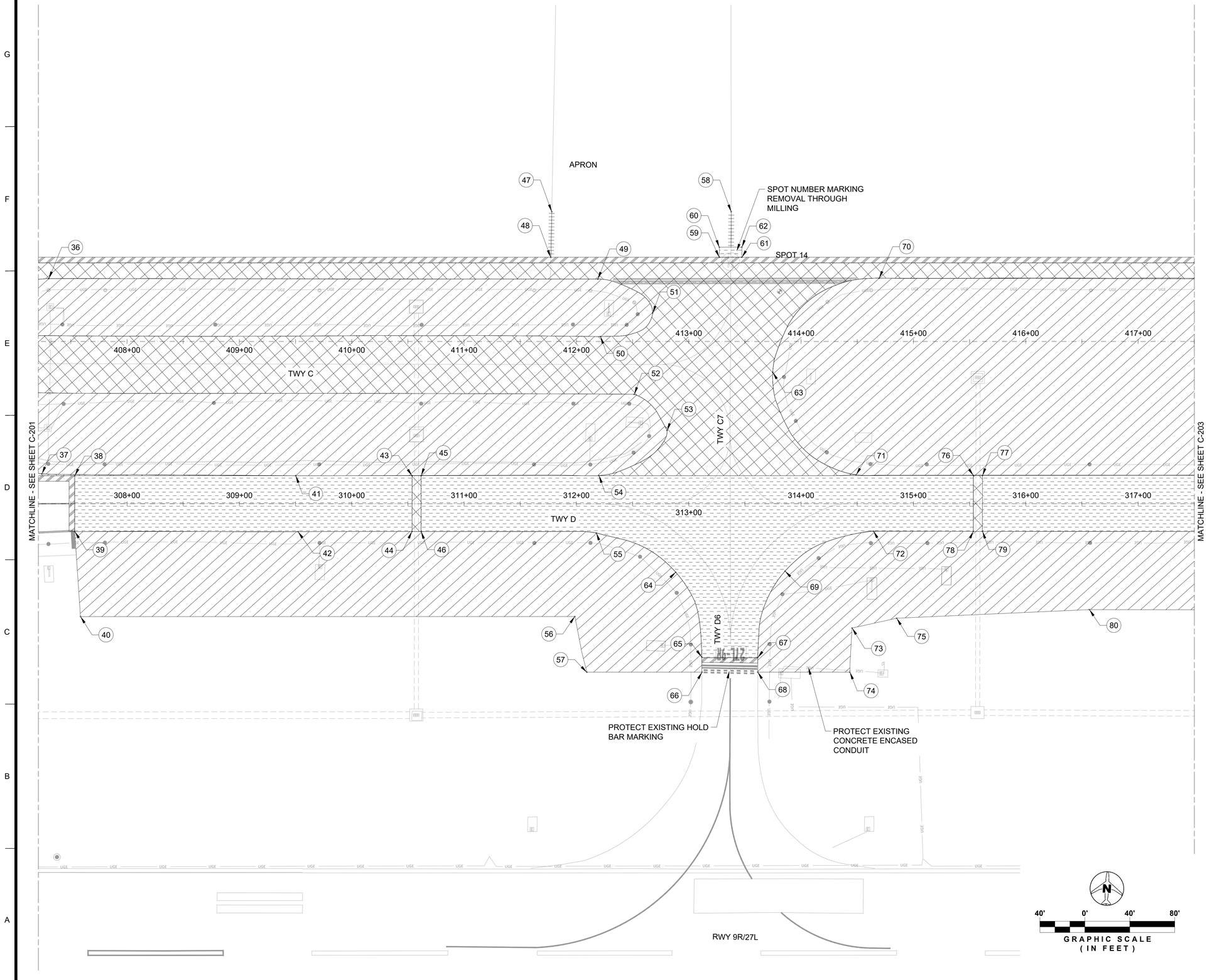
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-201

FILENAME: C:\PWWORKING\EAST01\D312362610365381\C-201.DWG
PLOT DATE: 2025/05/21 AT 12:37 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



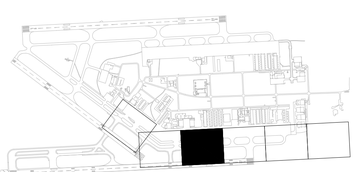
LEGEND

- STRIPPING (SEE DETAIL 4 ON SHEET C-310)
- FULL DEPTH ASPHALT REMOVAL (SEE DETAIL 1 ON SHEET C-310)
- ASPHALT TRANSITION (SEE DETAIL 3 ON SHEET C-310)
- REMOVE EXISTING ASPHALT & VARIABLE DEPTH OF BASE COURSE (SEE DETAIL 2 ON SHEET C-310)
- REMOVAL OF EXISTING MARKINGS PER SPEC P-620
- XX — DEMOLITION LIMITS (SEE SHEET C-206 FOR POINT TABLES)

NOTES

1. REFER TO ELECTRICAL DEMOLITION PLANS FOR ELECTRICAL DEMOLITION WORK.
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8. PROTECT PAVEMENT AND/OR PAVEMENT MARKINGS BEYOND THE LIMITS OF PAVEMENT REMOVAL.
9. SEE DETAIL 8 ON SHEET C-310 FOR PAVEMENT REMOVAL ADJACENT TO ASPHALT PAVEMENT TO REMAIN DETAIL.

KEY MAP



GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

Sunshine 811

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
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SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
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P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

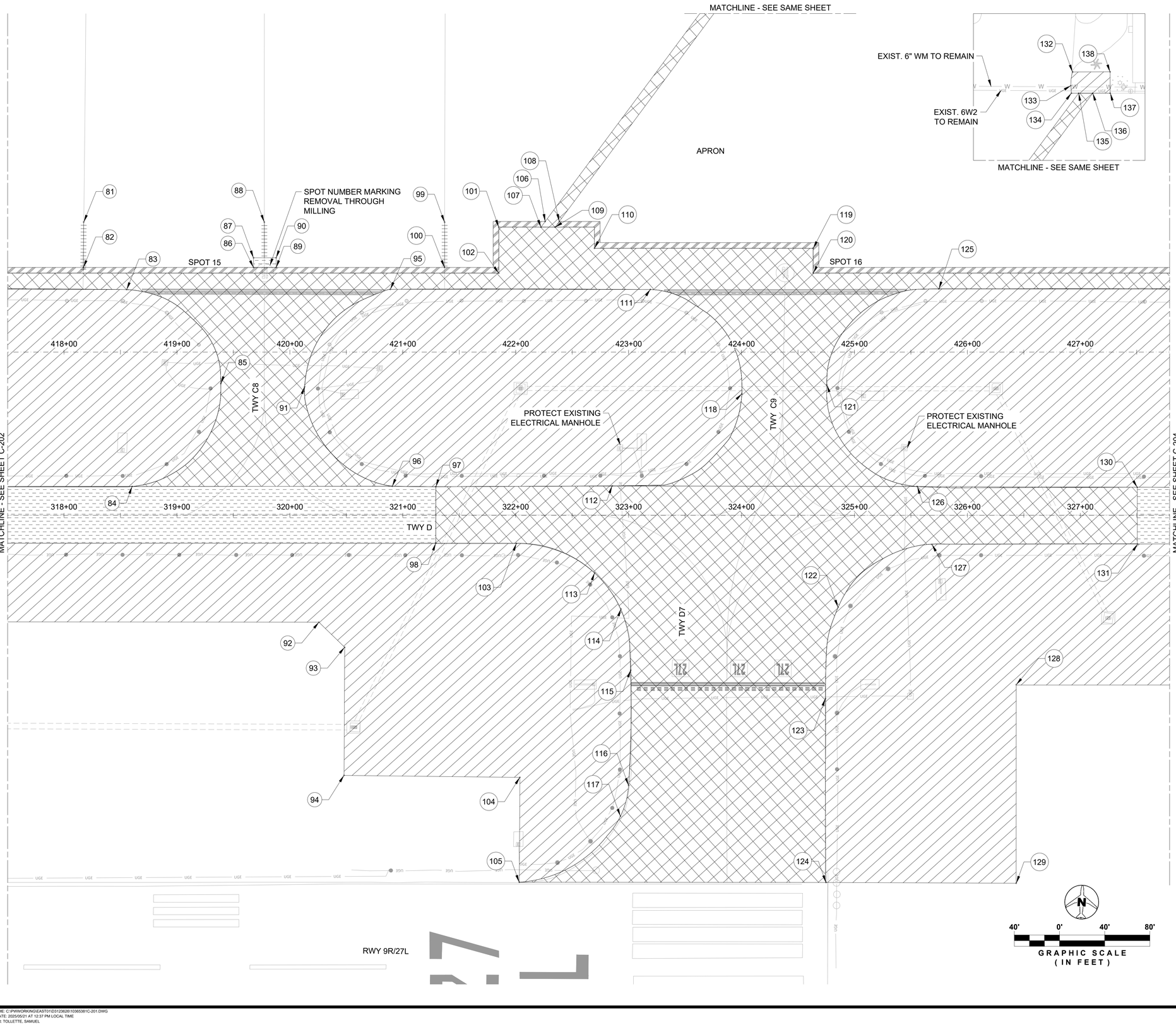
HDR ENGINEERING, INC.
8333 NW 53RD STREET SUITE E230
DORAL, FL 33166
(305) 728-7452

PAVEMENT DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-202

FILENAME: C:\PWWORKING\EAST01\D312362610365381\C-201.DWG
PLOT DATE: 2025/05/21 AT 12:37 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



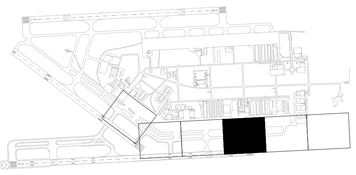
LEGEND

- STRIPPING (SEE DETAIL 4 ON SHEET C-310)
- FULL DEPTH ASPHALT REMOVAL (SEE DETAIL 1 ON SHEET C-310)
- ASPHALT TRANSITION (SEE DETAIL 3 ON SHEET C-310)
- REMOVE EXISTING ASPHALT & VARIABLE DEPTH OF BASE COURSE (SEE DETAIL 2 ON SHEET C-310)
- REMOVAL OF EXISTING MARKINGS PER SPEC P-620
- XX — DEMOLITION LIMITS (SEE SHEET C-206 FOR POINT TABLES)

NOTES

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6. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS. PRIOR TO ANY EXCAVATION OR DEMOLITION, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AND FLORIDA SUNSHINE ONE CALL AS PRESCRIBED BY STATE LAW. THIS REQUIREMENT IS IN ADDITION TO ANY OTHER STATE LAWS REGARDING PUBLIC NOTIFICATION PRIOR TO EXCAVATION.
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8. PROTECT PAVEMENT AND/OR PAVEMENT MARKINGS BEYOND THE LIMITS OF PAVEMENT REMOVAL.
9. SEE DETAIL 8 ON SHEET C-310 FOR PAVEMENT REMOVAL ADJACENT TO ASPHALT PAVEMENT TO REMAIN DETAIL.

KEY MAP



Sunshine 811

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI	CHECKED BY: W. BOWDOIN
DRAWN BY: S. TOLLETTE	SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

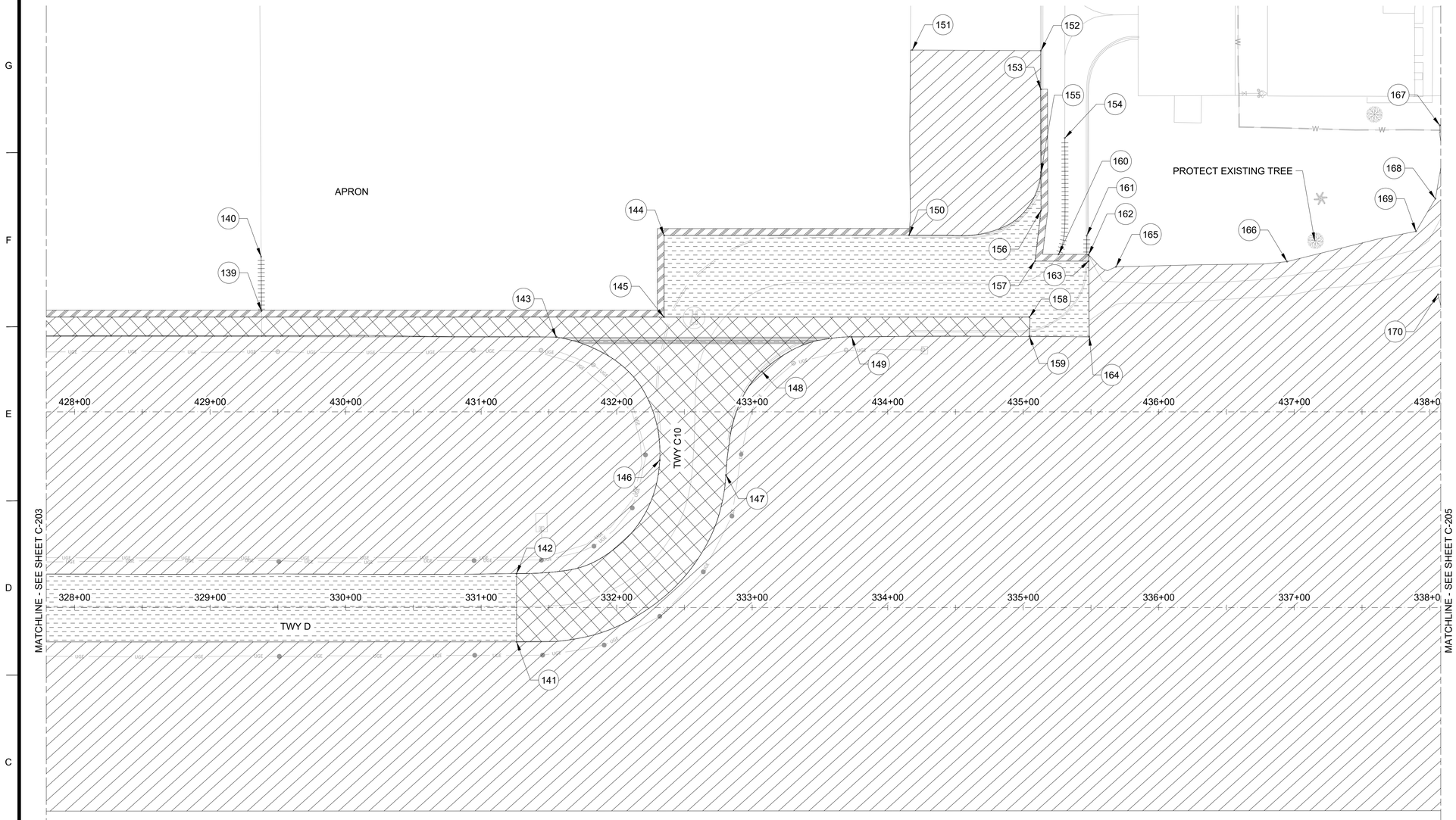
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-203

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381\C-201.DWG
PLOT DATE: 2025/05/21 AT 12:37 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



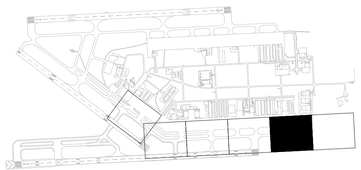
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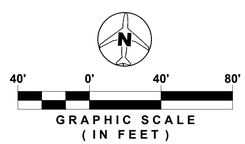
- STRIPPING (SEE DETAIL 4 ON SHEET C-310)
- FULL DEPTH ASPHALT REMOVAL (SEE DETAIL 1 ON SHEET C-310)
- ASPHALT TRANSITION (SEE DETAIL 3 ON SHEET C-310)
- REMOVE EXISTING ASPHALT & VARIABLE DEPTH OF BASE COURSE (SEE DETAIL 2 ON SHEET C-310)
- REMOVAL OF EXISTING MARKINGS PER SPEC P-620
- XX — DEMOLITION LIMITS (SEE SHEET C-206 FOR POINT TABLES)

NOTES

1. REFER TO ELECTRICAL DEMOLITION PLANS FOR ELECTRICAL DEMOLITION WORK.
2. REFER TO DRAINAGE PLANS SHEETS C-121 TO C-125 FOR DRAINAGE DEMOLITION WORK.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON-SITE DURING CONSTRUCTION. APPROPRIATE CARE SHALL BE TAKEN TO PHASE DRAINAGE DEMOLITION AND INSTALLATION WORK. THE COST FOR TEMPORARY DITCHES OR PUMPING THAT MAY BE REQUIRED SHALL BE INCIDENTAL TO PAY ITEM P-152.
4. STRIPPING SHALL INCLUDE BLADING GRASS, AND REMOVAL OF VEGETATION AND TOPSOIL FROM THE SURFACE DOWN TO 4" BELOW EXISTING GRADE. THE STRIPPING DEPTH SHALL BE MINIMIZED AS TO MINIMIZE THE QUANTITY OF EMBANKMENT REQUIRED.
5. STRIPPED MATERIAL SHALL BE STOCKPILED SEPARATE FROM SUITABLE EXCAVATED MATERIAL TO PREVENT CONTAMINATION OF SUITABLE EMBANKMENT MATERIAL. STRIPPINGS MAY BE USED AS TOP SOIL PROVIDED STRIPPINGS MEET REQUIREMENTS OF SPECIFICATION T-905.
6. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS. PRIOR TO ANY EXCAVATION OR DEMOLITION, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AND FLORIDA SUNSHINE ONE CALL AS PRESCRIBED BY STATE LAW. THIS REQUIREMENT IS IN ADDITION TO ANY OTHER STATE LAWS REGARDING PUBLIC NOTIFICATION PRIOR TO EXCAVATION.
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9. SEE DETAIL 8 ON SHEET C-310 FOR PAVEMENT REMOVAL ADJACENT TO ASPHALT PAVEMENT TO REMAIN DETAIL.

KEY MAP





Sunshine811

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

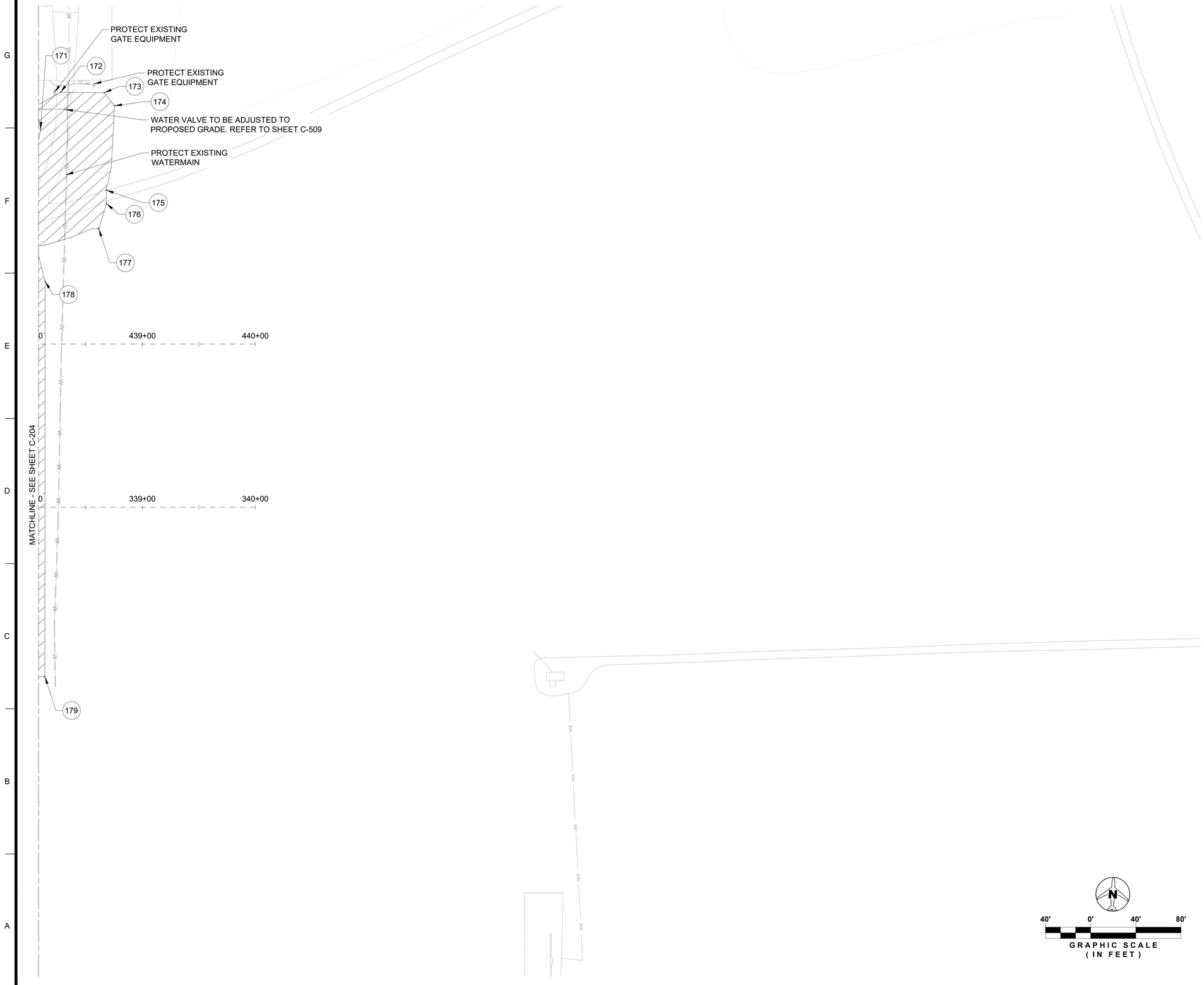
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-204

FILENAME: C:\PW\WORKING\EAST01\D3123626\10365381C-201.DWG
PLOT DATE: 2025/05/21 AT 12:37 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



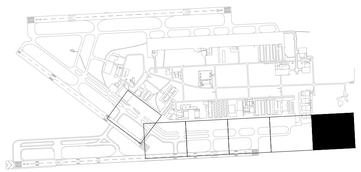
LEGEND

- STRIPPING (SEE DETAIL 4 ON SHEET C-310)
- FULL DEPTH ASPHALT REMOVAL (SEE DETAIL 1 ON SHEET C-310)
- ASPHALT TRANSITION (SEE DETAIL 3 ON SHEET C-310)
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- XX — DEMOLITION LIMITS (SEE SHEET C-206 FOR POINT TABLES)

NOTES

1. REFER TO ELECTRICAL DEMOLITION PLANS FOR ELECTRICAL DEMOLITION WORK.
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KEY MAP



Sunshine811

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LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
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HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL FL 33166
(305) 728-7452

PAVEMENT DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-205

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381\C-201.DWG
PLOT DATE: 2025/05/21 AT 12:37 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

DEMOLITION POINTS SHEET C-201

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
1	TAXIWAY C	400+33.97	25.22
2	TAXIWAY C	400+34.15	25.13
3	TAXIWAY C	401+70.92	26.57
4	TAXIWAY C	401+73.69	24.99
5	TAXIWAY C	402+25.80	25.99
6	TAXIWAY C	402+54.46	26.60
7	TAXIWAY C	403+12.26	74.99
8	TAXIWAY C	403+12.47	26.23
9	TAXIWAY C	403+24.26	26.20
10	TAXIWAY C	403+24.26	25.00
11	TAXIWAY D	303+25.94	27.48
12	TAXIWAY C	404+86.92	118.31
13	TAXIWAY C	404+73.76	65.25
14	TAXIWAY C	404+80.65	55.28
15	TAXIWAY C	405+00.00	70.00
16	TAXIWAY C	404+97.00	53.41
17	TAXIWAY C	405+33.62	23.93
18	TAXIWAY C	405+14.45	5.26

DEMOLITION POINTS SHEET C-201

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
19	TAXIWAY C	405+10.68	44.97
20	TAXIWAY D	304+72.43	25.24
21	TAXIWAY D	305+01.57	27.90
22	TAXIWAY D	305+45.21	70.77
23	TAXIWAY D	305+46.62	0.06
24	TAXIWAY C	405+94.79	83.60
25	TAXIWAY C	405+94.79	75.00
26	TAXIWAY C	406+14.79	75.00
27	TAXIWAY C	406+14.79	83.65
28	TAXIWAY D	305+88.89	20.00
29	TAXIWAY D	306+19.93	20.00
30	TAXIWAY D	306+57.68	0.40
31	TAXIWAY D	306+61.93	72.16
32	TAXIWAY C	406+90.40	45.26
33	TAXIWA C	406+91.57	5.33
34	TAXIWAY C	406+74.45	25.99
35	TAXIWAY C	406+78.68	75.00

DEMOLITION POINTS SHEET C-202

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
36	TAXIWAY C	407+30.35	55.97
37	TAXIWAY D	307+24.20	26.66
38	TAXIWAY D	307+53.46	25.00
39	TAXIWAY D	307+53.46	24.80
40	TAXIWAY D	307+58.58	100.52
41	TAXIWAY D	309+50.16	25.00
42	TAXIWAY D	309+52.17	24.86
43	TAXIWAY D	310+53.77	25.00
44	TAXIWAY D	310+53.73	24.74
45	TAXIWAY D	310+61.77	25.00
46	TAXIWAY D	310+61.73	24.74
47	TAXIWAY C	411+78.13	115.63
48	TAXIWAY C	411+77.14	75.00
49	TAXIWAY C	412+19.09	55.61
50	TAXIWAY C	412+21.36	4.38
51	TAXIWAY C	412+67.86	25.34
52	TAXIWAY C	412+51.50	47.02
53	TAXIWAY D	312+80.74	65.24
54	TAXIWAY D	312+20.02	25.00

DEMOLITION POINTS SHEET C-202

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
55	TAXIWAY D	312+17.75	26.10
56	TAXIWAY D	311+98.68	100.44
57	TAXIWAY D	312+09.34	150.00
58	TAXIWAY C	413+37.84	115.54
59	TAXIWAY C	413+27.27	75.00
60	TAXIWAY C	413+27.27	83.94
61	TAXIWAY C	413+47.27	75.00
62	TAXIWAY C	413+47.27	84.00
63	TAXIWAY C	413+74.82	27.52
64	TAXIWAY D	312+88.47	61.05
65	TAXIWAY D	313+11.51	136.33
66	TAXIWAY D	313+11.94	150.00
67	TAXIWAY D	313+61.40	136.91
68	TAXIWAY D	313+61.39	150.00
69	TAXIWAY D	313+85.72	60.06
70	TAXIWAY C	414+69.49	56.38
71	TAXIWAY D	314+48.97	25.77
72	TAXIWAY D	314+64.42	24.46
73	TAXIWAY D	314+45.35	110.70

DEMOLITION POINTS SHEET C-202

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
74	TAXIWAY D	314+43.39	150.00
75	TAXIWAY D	314+85.04	101.95
76	TAXIWAY D	315+53.44	25.14
77	TAXIWAY D	315+61.44	25.14
78	TAXIWAY D	315+53.39	24.60
79	TAXIWAY D	315+61.39	24.60
80	TAXIWAY D	316+56.57	94.27

DEMOLITION POINTS SHEET C-203

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
81	TAXIWAY C	418+17.46	115.26
82	TAXIWAY C	418+17.14	75.00
83	TAXIWAY C	418+55.47	55.49
84	TAXIWAY D	318+60.41	25.49
85	TAXIWAY C	419+38.93	27.84
86	TAXIWAY C	419+67.88	75.00
87	TAXIWAY C	419+67.88	83.58
88	TAXIWAY C	419+77.44	115.17
89	TAXIWAY C	419+87.88	75.00
90	TAXIWAY C	419+87.88	83.60
91	TAXIWAY C	420+13.13	30.67
92	TAXIWAY D	320+25.81	94.75
93	TAXIWAY D	320+48.57	116.94
94	TAXIWAY D	320+48.01	230.43
95	TAXIWAY C	420+88.93	55.68
96	TAXIWAY D	320+90.67	25.75
97	TAXIWAY D	321+29.30	25.34
98	TAXIWAY D	321+29.30	24.84
99	TAXIWAY C	421+37.12	115.07
100	TAXIWAY C	421+37.07	75.00
101	TAXIWAY C	421+85.04	110.73
102	TAXIWAY C	421+85.04	70.00

DEMOLITION POINTS SHEET C-203

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
103	TAXIWAY D	322+00.64	24.91
104	TAXIWAY D	322+03.73	232.17
105	TAXIWAY D	322+03.22	325.06
106	TAXIWAY C	422+26.17	115.75
107	TAXIWAY C	422+22.45	110.75
108	TAXIWAY C	422+38.63	115.75
109	TAXIWAY C	422+34.91	110.75
110	TAXIWAY C	422+69.78	92.00
111	TAXIWAY C	423+19.33	55.50
112	TAXIWAY D	322+85.50	26.00
113	TAXIWAY D	322+69.96	51.10
114	TAXIWAY D	322+93.30	82.99
115	TAXIWAY D	323+01.89	137.22
116	TAXIWAY D	323+00.03	239.23
117	TAXIWAY D	322+92.79	266.51
118	TAXIWAY C	424+00.31	36.96
119	TAXIWAY C	424+63.39	92.00
120	TAXIWAY C	424+63.39	70.00
121	TAXIWAY C	424+75.45	29.02
122	TAXIWAY D	324+85.48	81.38
123	TAXIWAY D	324+74.30	162.33
124	TAXIWAY D	324+74.89	325.27

DEMOLITION POINTS SHEET C-203

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
125	TAXIWAY C	425+74.78	56.04
126	TAXIWAY D	325+55.52	25.51
127	TAXIWAY D	325+68.61	25.90
128	TAXIWAY D	326+43.25	150.00
129	TAXIWAY D	326+43.25	325.89
130	TAXIWAY D	327+50.47	24.80
131	TAXIWAY D	327+50.79	25.51
132	TAXIWAY C	423+99.00	374.29
133	TAXIWAY C	423+97.51	362.23
134	TAXIWAY C	423+97.90	355.46
135	TAXIWAY C	424+04.35	355.46
136	TAXIWAY C	424+16.80	355.45
137	TAXIWAY C	424+32.26	355.47
138	TAXIWAY C	424+32.23	374.44

DEMOLITION POINTS SHEET C-204

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
139	TAXIWAY C	429+37.92	74.52
140	TAXIWAY C	429+37.66	114.60
141	TAXIWAY D	331+26.09	25.35
142	TAXIWAY D	331+26.09	25.07
143	TAXIWAY C	431+55.33	55.26
144	TAXIWAY C	432+35.03	130.30
145	TAXIWAY C	432+34.93	70.00
146	TAXIWAY C	432+31.82	35.72
147	TAXIWAY C	432+80.61	46.72
148	TAXIWAY C	433+07.17	29.75
149	TAXIWAY C	433+73.31	55.38
150	TAXIWAY C	434+15.75	130.41
151	TAXIWAY C	434+18.04	267.22
152	TAXIWAY C	435+12.99	266.73
153	TAXIWAY C	435+13.00	238.25
154	TAXIWAY C	435+30.67	202.23
155	TAXIWAY C	435+13.10	176.94

DEMOLITION POINTS SHEET C-204

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
156	TAXIWAY C	435+13.12	148.63
157	TAXIWAY C	435+08.68	111.31
158	TAXIWAY C	435+04.55	70.00
159	TAXIWAY C	435+04.45	55.69
160	TAXIWAY C	435+26.09	116.31
161	TAXIWAY C	435+46.87	130.18
162	TAXIWAY C	435+48.23	116.04
163	TAXIWAY C	435+48.30	111.31
164	TAXIWAY C	435+48.70	55.44
165	TAXIWAY C	435+68.39	107.11
166	TAXIWAY C	436+94.76	110.96
167	TAXIWAY C	438+07.36	211.53
168	TAXIWAY C	438+04.15	157.42
169	TAXIWAY C	437+89.86	133.33
170	TAXIWAY C	438+06.05	86.73

DEMOLITION POINTS SHEET C-205

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
171	TAXIWAY C	438+09.83	190.10
172	TAXIWAY C	438+27.58	223.07
173	TAXIWAY C	438+66.19	222.62
174	TAXIWAY C	438+75.26	211.06
175	TAXIWAY C	438+68.00	136.33
176	TAXIWAY C	438+68.28	124.22
177	TAXIWAY C	438+61.39	101.95
178	TAXIWAY C	438+13.91	55.45
179	TAXIWAY D	338+13.68	150.00

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LICENSED PROFESSIONAL

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PAVEMENT DEMOLITION GEOMETRIC POINT TABLES

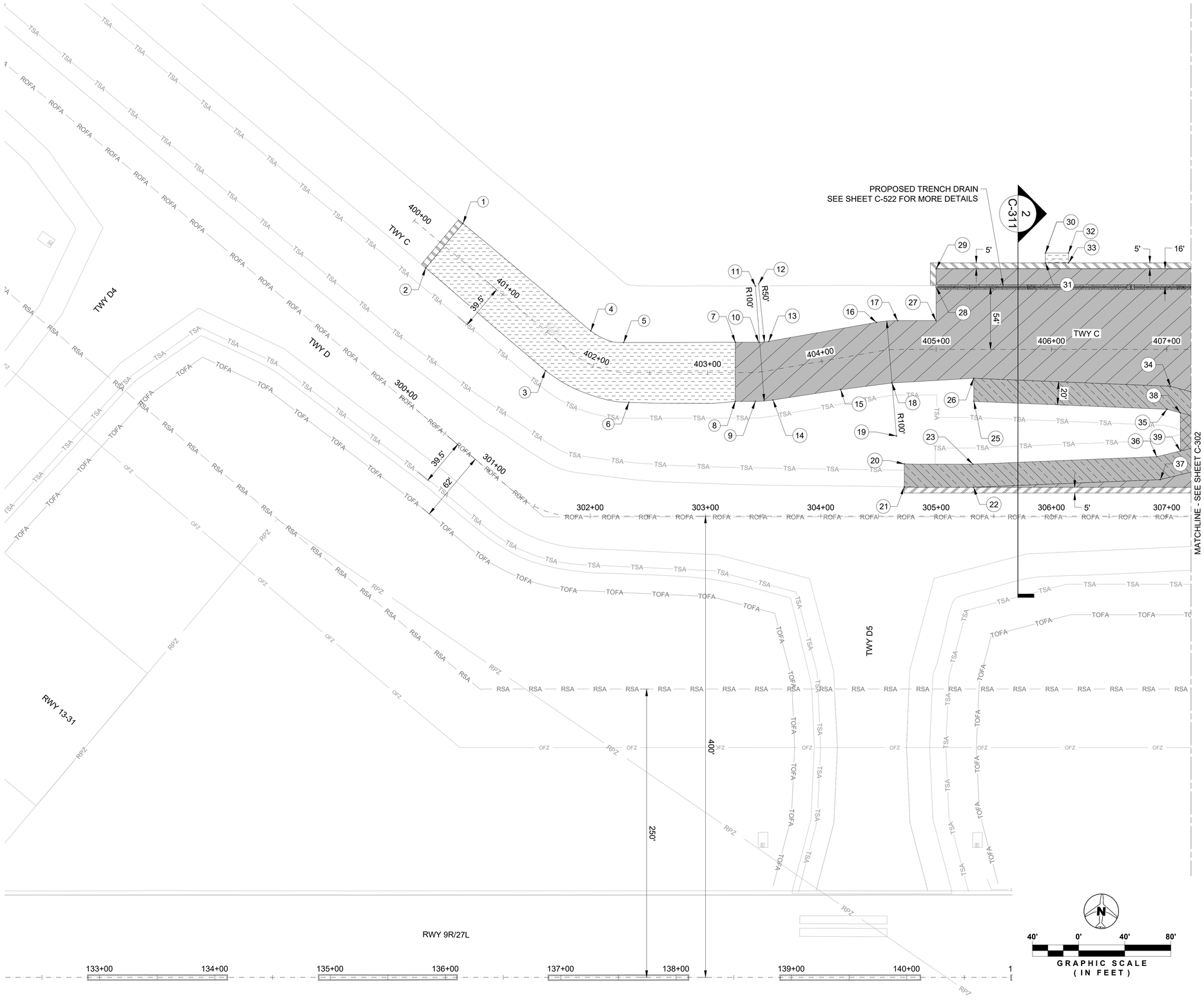
TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

C-206

FILENAME: C:\PWWORKING\EAST01\D312362611036538 1C-201.DWG
PLOT DATE: 2025/05/21 AT 12:37 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- TAXIWAY FULL DEPTH ASPHALT PAVEMENT (SEE DETAIL 3 ON SHEET C-312)
- SHOULDER FULL DEPTH ASPHALT PAVEMENT (SEE DETAIL 8 ON SHEET C-312)
- ACCESS ROAD PAVEMENT (SEE DETAIL 3 ON SHEET C-311)
- ASPHALT TRANSITION (SEE DETAIL 2 ON SHEET C-312)
- TAXIWAY & SHOULDER EXPEDITED ASPHALT PAVEMENT (SEE DETAILS 6 & 9 ON SHEET C-312)
- 4" OVERLAY OVER SCARIFIED AND RECOMPACTED LIMEROCK (SEE DETAIL 7 ON SHEET C-312)
- EROSION CONTROL PAVEMENT (SEE DETAIL 1 ON SHEET C-311)
- PROPOSED OIL WATER SEPARATOR TOP SLAB. (SEE DETAIL 1 ON SHEET S-102)
- PROPOSED TRENCH DRAIN
- XX — PAVING GEOMETRY LIMITS

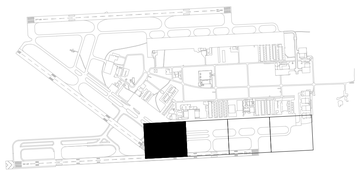
NOTES

1. SEE TYPICAL SECTIONS ON SHEETS C-310 TO C-312 FOR ADDITIONAL INFORMATION.
2. SEE PAVEMENT MARKING PLANS IN SUBSET C-800 FOR ADDITIONAL INFORMATION.
3. SEE HORIZONTAL CONTROL PLAN ON SHEET C-101 FOR PROPOSED ALIGNMENT AND STAKING INFORMATION.

KEYNOTES

1. CONCRETE SLAB SECTION BETWEEN TRENCH DRAIN. SEE DETAIL 3 ON SHEET C-313.

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX (02)5504
MIAMI, FLORIDA 33102-5504

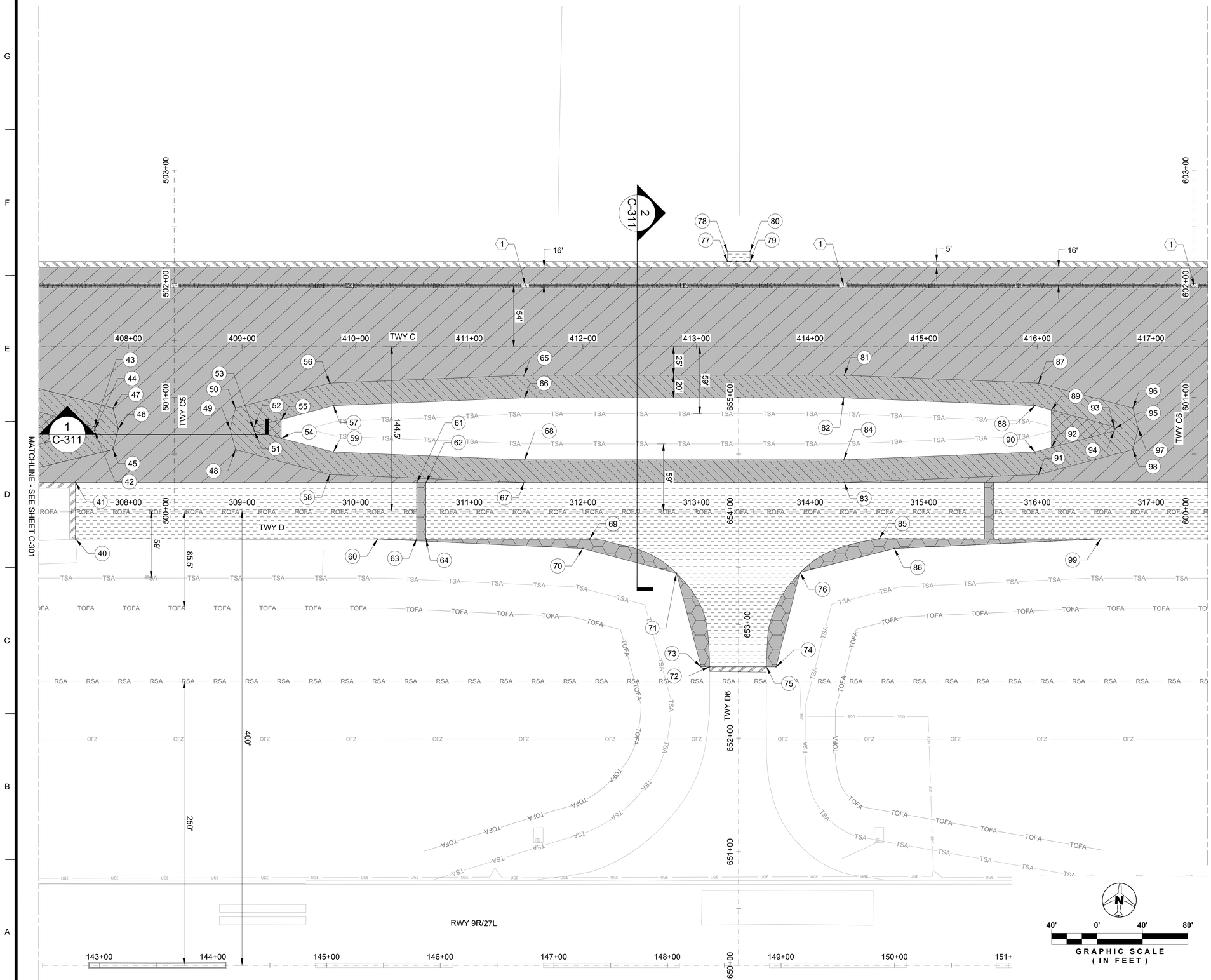
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE E30
DORAL, FL 33166
(305) 728-7452

GEOMETRY PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-301

FILENAME: C:\PWWORKING\EAST01\D312362810365381\C-301.DWG
PLOT DATE: 2025/05/21 AT 12:37 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- TAXIWAY FULL DEPTH ASPHALT PAVEMENT (SEE DETAIL 3 ON SHEET C-312)
- SHOULDER FULL DEPTH ASPHALT PAVEMENT (SEE DETAIL 8 ON SHEET C-312)
- ACCESS ROAD PAVEMENT (SEE DETAIL 3 ON SHEET C-311)
- ASPHALT TRANSITION (SEE DETAIL 2 ON SHEET C-312)
- TAXIWAY & SHOULDER EXPEDITED ASPHALT PAVEMENT (SEE DETAILS 6 & 9 ON SHEET C-312)
- 4" OVERLAY OVER SCARIFIED AND RECOMPACTED LIMEROCK (SEE DETAIL 7 ON SHEET C-312)
- EROSION CONTROL PAVEMENT (SEE DETAIL 1 ON SHEET C-311)
- PROPOSED OIL WATER SEPARATOR TOP SLAB. (SEE DETAIL 1 ON SHEET S-102)
- PROPOSED TRENCH DRAIN
- XX — PAVING GEOMETRY LIMITS

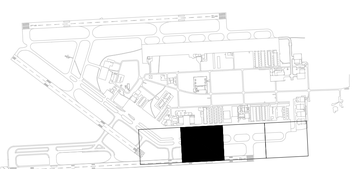
NOTES

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2. SEE PAVEMENT MARKING PLANS IN SUBSET C-800 FOR ADDITIONAL INFORMATION.
3. SEE HORIZONTAL CONTROL PLAN ON SHEET C-101 FOR PROPOSED ALIGNMENT AND STAKING INFORMATION.

KEYNOTES

1. CONCRETE SLAB SECTION BETWEEN TRENCH DRAIN. SEE DETAIL 3 ON SHEET C-313.

KEY MAP



GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
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DRAWN BY: S. TOLLETTE
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SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

GEOMETRY PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

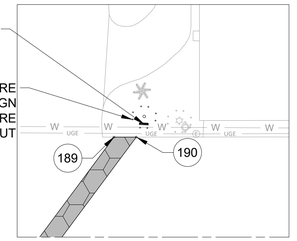
SHEET ID
C-302

FILENAME: C:\PWWORKING\EAST01\D3123626810365381\C-301.DWG
PLOT DATE: 2025/05/21 AT 12:38 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

MATCHLINE - SEE SAME SHEET

SEE VENT PIPES DETAIL ON SHEET S-102 FOR MORE INFORMATION ON VENT PIPES & CONCRETE SLAB

SEE DETAIL 4 ON SHEET S-102 FOR MORE INFORMATION ON BOLLARD DESIGN
SEE DETAIL 7 ON SHEET C-310 FOR MORE INFORMATION ON BOLLARD LAYOUT



MATCHLINE - SEE SAME SHEET

PROPOSED OIL WATER SEPARATOR
SEE DETAIL 7 ON SHEET C-313 FOR MORE INFORMATION ON TRENCHING

MATCHLINE - SEE SHEET C-302

MATCHLINE - SEE SHEET C-304

TWY C6 · TWY C7 · TWY C · TWY D · TWY D7

PAVEMENT CHANGE
TWY D7 CENTERLINE
STA: 752+50

RWY 9R/27L

LEGEND

- TAXIWAY FULL DEPTH ASPHALT PAVEMENT (SEE DETAIL 3 ON SHEET C-312)
- SHOULDER FULL DEPTH ASPHALT PAVEMENT (SEE DETAIL 8 ON SHEET C-312)
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- EROSION CONTROL PAVEMENT (SEE DETAIL 1 ON SHEET C-311)
- PROPOSED OIL WATER SEPARATOR TOP SLAB. (SEE DETAIL 1 ON SHEET S-102)
- PROPOSED TRENCH DRAIN
- XX — PAVING GEOMETRY LIMITS

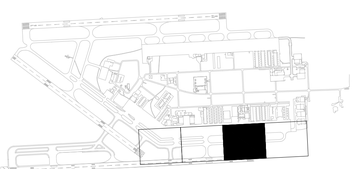
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KEY MAP



GRAPHIC SCALE (IN FEET): 40' 0' 40' 80'

MARK	DESCRIPTION	DATE
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P.O. BOX 025504
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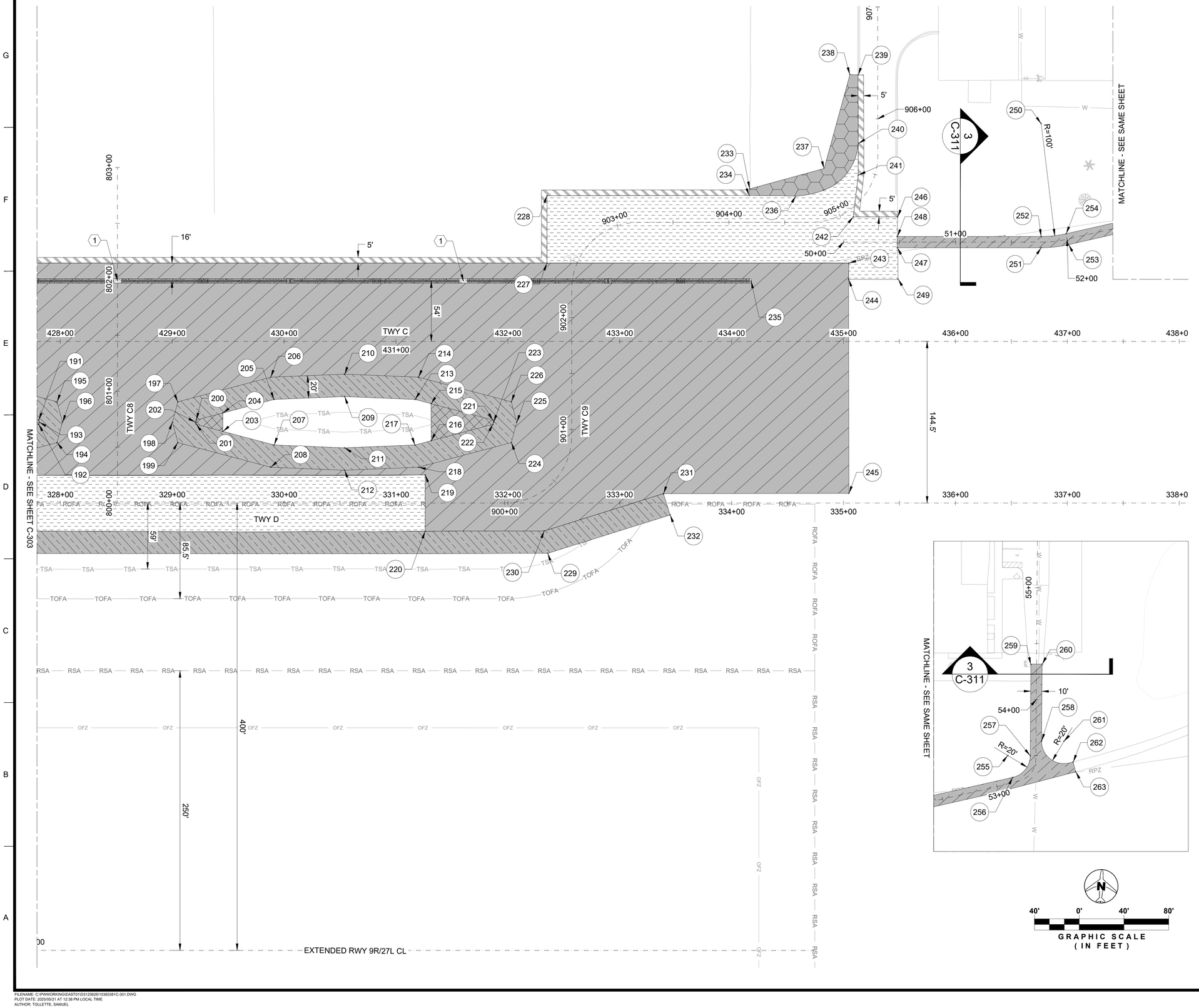
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

GEOMETRY PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-303

FILENAME: C:\PWWORKING\EAST01\D3123426\R10365381\C-301.DWG
PLOT DATE: 2025/05/21 AT 12:38 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- TAXIWAY FULL DEPTH ASPHALT PAVEMENT (SEE DETAIL 3 ON SHEET C-312)
- SHOULDER FULL DEPTH ASPHALT PAVEMENT (SEE DETAIL 8 ON SHEET C-312)
- ACCESS ROAD PAVEMENT (SEE DETAIL 3 ON SHEET C-311)
- ASPHALT TRANSITION (SEE DETAIL 2 ON SHEET C-312)
- TAXIWAY & SHOULDER EXPEDITED ASPHALT PAVEMENT (SEE DETAILS 6 & 9 ON SHEET C-312)
- 4" OVERLAY OVER SCARIFIED AND RECOMPACTED LIMEROCK (SEE DETAIL 7 ON SHEET C-312)
- EROSION CONTROL PAVEMENT (SEE DETAIL 1 ON SHEET C-311)
- PROPOSED OIL WATER SEPARATOR TOP SLAB. (SEE DETAIL 1 ON SHEET S-102)
- PROPOSED TRENCH DRAIN
- XX — PAVING GEOMETRY LIMITS

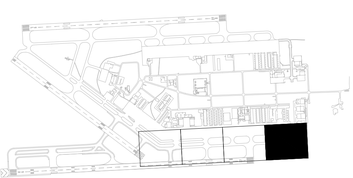
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3. SEE HORIZONTAL CONTROL PLAN ON SHEET C-101 FOR PROPOSED ALIGNMENT AND STAKING INFORMATION.

KEYNOTES

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KEY MAP



GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

MARK	DESCRIPTION	DATE
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LICENSED PROFESSIONAL
TIMOTHY J. FISH
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GEOMETRY PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-304

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381\C-301.DWG
PLOT DATE: 2025/05/21 AT 12:38 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

GEOMETRIC POINTS SHEET C-301

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
1	TAXIWAY C	400+33.97	25.22' L
2	TAXIWAY C	400+34.15	25.13' R
3	TAXIWAY C	401+70.92	26.57' R
4	TAXIWAY C	401+79.25	25.10' L
5	TAXIWAY C	402+25.80	25.99' L
6	TAXIWAY C	402+31.95	25.91' R
7	TAXIWAY C	403+24.26	26.20' L
8	TAXIWAY C	403+24.26	25.00' R
9	TAXIWAY C	403+40.56	25.09' R
10	TAXIWAY C	403+48.32	25.72' L
11	TAXIWAY C	403+54.65	74.26' L
12	TAXIWAY C	403+57.68	75.72' L
13	TAXIWAY C	403+57.62	25.00' L
14	TAXIWAY C	403+52.43	25.71' R
15	TAXIWAY C	404+11.72	27.03' R
16	TAXIWAY C	404+52.54	25.00' L
17	TAXIWAY C	404+66.68	24.91' L
18	TAXIWAY C	404+59.08	28.92' R
19	TAXIWAY C	404+65.63	75.00' R

GEOMETRIC POINTS SHEET C-301

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
20	TAXIWAY D	304+72.43	45.25' L
21	TAXIWAY D	304+72.43	25.24' L
22	TAXIWAY D	305+32.31	25.00' L
23	TAXIWAY D	305+31.90	45.00' L
25	TAXIWAY C	405+32.69	45.03' R
26	TAXIWAY C	405+32.69	25.02' R
27	TAXIWAY C	405+00.00	24.91' L
28	TAXIWAY C	404+99.98	54.00' L
29	TAXIWAY C	405+00.00	70.00' L
30	TAXIWAY C	405+94.78	83.60' L
31	TAXIWAY C	405+94.79	75.00' L
32	TAXIWAY C	406+14.78	83.65' L
33	TAXIWAY C	406+14.79	75.00' L
34	TAXIWAY C	407+03.31	32.00' R
35	TAXIWAY C	407+00.31	51.89' R
36	TAXIWAY D	306+91.52	51.53' L
37	TAXIWAY D	306+94.32	31.63' L
38	TAXIWAY C	407+11.75	54.93' R
39	TAXIWAY D	307+11.91	56.49' L

GEOMETRIC POINTS SHEET C-303

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
100	TAXIWAY C6	600+54.00	54.00' R
101	TAXIWAY C6	600+72.25	49.16' R
102	TAXIWAY C6	600+90.50	54.00' R
103	TAXIWAY C6	600+74.14	70.36' R
104	TAXIWAY C6	600+70.36	70.36' R
105	TAXIWAY C6	600+72.25	69.85' R
106	TAXIWAY C	418+67.51	34.01' R
107	TAXIWAY C	418+67.51	54.70' R
108	TAXIWAY D	318+67.51	34.01' L
109	TAXIWAY D	318+67.51	54.70' L
110	TAXIWAY C7	700+70.36	70.36' L
111	TAXIWAY C7	700+74.14	70.36' L
112	TAXIWAY C7	700+72.25	69.85' L
113	TAXIWAY C7	700+90.50	54.00' L
114	TAXIWAY C7	700+72.25	49.16' L
115	TAXIWAY C7	700+54.00	54.00' L
116	TAXIWAY C	419+67.88	75.00' L
117	TAXIWAY C	419+67.88	83.58' L
118	TAXIWAY C	419+87.88	75.00' L
119	TAXIWAY C	419+87.88	83.60' L
120	TAXIWAY C7	700+72.25	49.16' R
121	TAXIWAY C7	700+90.50	54.00' R
122	TAXIWAY C7	700+54.00	53.99' R

GEOMETRIC POINTS SHEET C-303

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
123	TAXIWAY C7	700+70.36	70.36' R
124	TAXIWAY C7	700+74.14	70.36' R
125	TAXIWAY C7	700+72.25	69.85' R
126	TAXIWAY D	320+91.09	64.05' L
127	TAXIWAY C	420+91.09	64.04' R
128	TAXIWAY C	421+33.93	32.00' R
129	TAXIWAY C	421+36.93	51.89' R
130	TAXIWAY D	321+29.30	25.34' L
131	TAXIWAY D	321+33.93	32.00' L
132	TAXIWAY D	321+36.93	51.89' L
133	TAXIWAY D	321+28.97	44.83' R
134	TAXIWAY D	321+29.30	24.84' R
135	TAXIWAY D	321+39.30	25.00' R
136	TAXIWAY D	321+38.67	44.99' R
137	TAXIWAY C	421+85.04	110.75' L
138	TAXIWAY C	421+85.04	70.00' L
139	TAXIWAY C	422+01.79	78.75' L
140	TAXIWAY C	422+01.79	89.25' L
141	TAXIWAY C	422+22.45	110.75' L
142	TAXIWAY C	422+26.17	115.75' L
143	TAXIWAY C	422+38.63	115.75' L
144	TAXIWAY C	422+34.91	110.75' L
145	TAXIWAY C	422+49.79	89.25' L

GEOMETRIC POINTS SHEET C-303

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
146	TAXIWAY C	422+49.79	78.75' L
147	TAXIWAY C	422+69.79	110.75' L
148	TAXIWAY C	423+04.93	25.00' R
149	TAXIWAY C	423+05.34	45.00' R
150	TAXIWAY D	322+81.44	25.96' L
151	TAXIWAY D	322+81.86	45.96' L
152	TAXIWAY D	323+08.35	52.88' R
153	TAXIWAY D	323+11.30	33.00' R
154	TAXIWAY D7	753+29.54	70.46' L
155	TAXIWAY D7	753+46.00	54.00' L
156	TAXIWAY D7	752+60.05	52.88' L
157	TAXIWAY D7	752+63.00	33.00' L
158	TAXIWAY D7	752+00.00	50.09' L
159	TAXIWAY D7	752+00.00	30.07' L
160	TAXIWAY D7	751+39.95	52.88' L
161	TAXIWAY D7	751+37.00	33.00' L
162	TAXIWAY D7	750+75.00	69.32' L
163	TAXIWAY D7	750+74.80	48.74' L
164	TAXIWAY D7	750+74.71	45.00' R
165	TAXIWAY D7	750+74.73	25.00' R
166	TAXIWAY D7	750+91.59	45.00' R
167	TAXIWAY D7	750+92.00	25.00' R
168	TAXIWAY D7	752+59.99	51.89' R

GEOMETRIC POINTS SHEET C-303

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
169	TAXIWAY D7	752+63.00	32.00' R
170	TAXIWAY D	325+18.66	70.36' R
171	TAXIWAY D	325+02.30	54.00' R
172	TAXIWAY C	424+63.39	70.00' L
173	TAXIWAY C	424+63.39	92.00' L
174	TAXIWAY C	425+43.05	25.00' R
175	TAXIWAY C	425+42.64	45.00' R
176	TAXIWAY D	325+56.59	25.45' L
177	TAXIWAY D	325+62.62	45.38' L
178	TAXIWAY D	325+88.31	51.89' R
179	TAXIWAY D	325+85.30	32.00' R
180	TAXIWAY C	427+14.05	32.00' R
181	TAXIWAY C	427+11.04	51.89' R
182	TAXIWAY C	427+25.29	55.67' R
183	TAXIWAY D	327+25.45	55.71' L
184	TAXIWAY D	327+11.04	51.89' L
185	TAXIWAY D	327+14.05	32.00' L
186	TAXIWAY D	327+50.47	24.80' L
187	TAXIWAY D	327+50.47	45.26' R
188	TAXIWAY D	327+50.47	25.24' R
189	TAXIWAY C	424+04.35	355.46' L
190	TAXIWAY C	424+16.80	355.45' L

GEOMETRIC POINTS SHEET C-302

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
40	TAXIWAY D	307+53.46	24.80' R
41	TAXIWAY D	307+53.46	25.00' L
42	TAXIWAY C5	500+70.62	70.28' L
43	TAXIWAY C5	500+74.14	70.36' L
44	TAXIWAY C5	500+72.25	69.85' L
45	TAXIWAY C5	500+54.00	54.00' L
46	TAXIWAY C5	500+72.25	49.16' L
47	TAXIWAY C5	500+90.50	54.00' L
48	TAXIWAY C5	500+54.00	54.00' R
49	TAXIWAY C5	500+72.25	49.16' R
50	TAXIWAY C5	500+90.50	54.00' R
51	TAXIWAY C5	500+70.36	70.36' R
52	TAXIWAY C5	500+74.14	70.36' R
53	TAXIWAY C5	500+72.25	69.85' R
54	TAXIWAY D	309+34.47	64.05' L
55	TAXIWAY C	409+34.48	64.04' R
56	TAXIWAY C	409+77.31	32.00' R
57	TAXIWAY C	409+80.32	51.89' R
58	TAXIWAY D	309+77.31	32.00' L
59	TAXIWAY D	309+80.32	51.89' L
60	TAXIWAY D	310+19.56	24.75' R

GEOMETRIC POINTS SHEET C-302

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
61	TAXIWAY D	310+53.92	25.00' L
62	TAXIWAY D	310+61.92	25.00' L
63	TAXIWAY D	310+53.87	24.74' R
64	TAXIWAY D	310+61.87	24.74' R
65	TAXIWAY C	411+48.31	25.00' R
66	TAXIWAY C	411+48.72	45.00' R
67	TAXIWAY D	311+48.31	25.00' L
68	TAXIWAY D	311+48.72	45.00' L
69	TAXIWAY D	312+06.02	24.72' R
70	TAXIWAY D	312+00.09	33.15' R
71	TAXIWAY D6	653+45.19	54.64' L
72	TAXIWAY D6	652+62.85	25.50' L
73	TAXIWAY D6	652+62.85	33.04' L
74	TAXIWAY D6	652+62.85	32.96' R
75	TAXIWAY D6	652+62.85	24.30' R
76	TAXIWAY D6	653+45.69	54.12' R
77	TAXIWAY C	413+27.27	75.00' L
78	TAXIWAY C	413+27.27	83.94' L
79	TAXIWAY C	413+47.27	75.00' L
80	TAXIWAY C	413+47.26	84.00' L
81	TAXIWAY C	414+30.08	25.00' R

GEOMETRIC POINTS SHEET C-302

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
82	TAXIWAY C	414+29.67	45.00' R
83	TAXIWAY D	314+30.08	25.00' L
84	TAXIWAY D	314+29.67	45.00' L
85	TAXIWAY D	314+60.75	24.55' R
86	TAXIWAY D	314+74.09	33.15' R
87	TAXIWAY C	416+01.08	32.00' R
88	TAXIWAY C	415+98.08	51.89' R
89	TAXIWAY C	416+12.33	55.67' R
90	TAXIWAY D	315+98.08	51.89' L
91	TAXIWAY D	316+01.08	32.00' L
92	TAXIWAY D	316+12.49	55.71' L
93	TAXIWAY C6	600+74.14	70.36' L
94	TAXIWAY C6	600+70.36	70.36' L
95	TAXIWAY C6	600+72.25	69.85' L
96	TAXIWAY C6	600+90.50	54.00' L
97	TAXIWAY C6	600+72.25	49.16' L
98	TAXIWAY C6	600+54.00	54.00' L
99	TAXIWAY D	316+56.01	24.69' R

GEOMETRIC POINTS SHEET C-304

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
191	TAXIWAY C8	800+74.14	70.36' L
192	TAXIWAY C8	800+70.36	70.36' L
193	TAXIWAY C8	800+72.25	69.85' L
194	TAXIWAY C8	800+54.00	54.00' L
195	TAXIWAY C8	800+90.50	54.00' L
196	TAXIWAY C8	800+72.25	49.16' L
197	TAXIWAY C8	800+90.50	54.00' R
198	TAXIWAY C8	800+72.25	49.16' R
199	TAXIWAY C8	800+54.00	54.00' R
200	TAXIWAY C8	800+74.21	70.36' R
201	TAXIWAY C8	800+70.42	70.36' R
202	TAXIWAY C8	800+72.25	69.85' R
203	TAXIWAY D	329+45.21	64.05' L
204	TAXIWAY C	429+45.21	64.04' R
205	TAXIWAY C	429+91.05	51.89' R
206	TAXIWAY C	429+88.05	32.00' R
207	TAXIWAY D	329+91.05	51.89' L
208	TAXIWAY D	329+88.05	32.00' L
209	TAXIWAY C	430+54.05	49.31' R
210	TAXIWAY C	430+54.05	29.30' R
211	TAXIWAY D	330+54.05	49.31' L
212	TAXIWAY D	330+54.05	29.30' L
213	TAXIWAY C	431+17.05	51.89' R
214	TAXIWAY C	431+20.05	32.00' R
215	TAXIWAY C	431+31.30	55.67' R

GEOMETRIC POINTS SHEET C-304

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
216	TAXIWAY D	331+31.46	55.71' L
217	TAXIWAY D	331+17.05	51.89' L
218	TAXIWAY D	331+20.05	32.00' L
219	TAXIWAY D	331+26.09	25.07' L
220	TAXIWAY D	331+26.09	25.35' R
221	TAXIWAY C9	901+08.39	70.36' L
222	TAXIWAY C9	901+04.60	70.36' L
223	TAXIWAY C9	901+06.50	69.85' L
224	TAXIWAY C9	900+47.12	51.51' L
225	TAXIWAY C9	901+06.50	49.16' L
226	TAXIWAY C9	901+24.75	54.00' L
227	TAXIWAY C9	902+41.90	25.41' L
228	TAXIWAY C9	902+73.01	57.23' L
229	TAXIWAY D	332+35.57	44.99' R
230	TAXIWAY D	332+32.48	25.00' R
231	TAXIWAY D	333+39.00	8.39' L
232	TAXIWAY D	333+44.99	10.70' R
233	TAXIWAY C9	904+18.64	29.90' L
234	TAXIWAY C9	904+18.21	23.97' L
235	TAXIWAY C	434+17.33	54.00' L
236	TAXIWAY C9	904+59.81	23.58' L
237	TAXIWAY C9	905+20.55	43.11' L
238	TAXIWAY C9	906+39.55	24.87' L
239	TAXIWAY C9	906+39.23	17.65' L
240	TAXIWAY C9	905+77.92	17.56' L

GEOMETRIC POINTS SHEET C-304

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET
241	TAXIWAY C9	905+43.55	13.97' L
242	TAXIWAY C9	905+09.35	6.96' R
243	TAXIWAY C	435+04.68	70.00' L
244	TAXIWAY C	435+04.45	55.47' L
245	TAXIWAY D	335+04.75	8.65' L
246	TAXIWAY C9	905+30.33	35.21' R
247	ACCESS ROAD	50+48.03	5.00' R
248	ACCESS ROAD	50+48.03	5.00' L
249	TAXIWAY C	435+48.70	55.63' L
250	ACCESS ROAD	51+76.59	105.99' L
251	ACCESS ROAD	51+76.71	5.00' R
252	ACCESS ROAD	51+76.71	5.00' L
253	ACCESS ROAD	52+00.18	5.00' R
254	ACCESS ROAD	52+00.18	5.00' L
255	ACCESS ROAD	53+16.42	24.42' L
256	ACCESS ROAD	53+15.77	4.43' L
257	ACCESS ROAD	53+49.81	5.00' L
258	ACCESS ROAD	53+62.91	5.00' R
259	ACCESS ROAD	54+31.36	5.00' L
260	ACCESS ROAD	54+31.68	5.00' R
261	ACCESS ROAD	53+62.91	25.00' R
262	ACCESS ROAD	53+45.78	33.34' R
263	ACCESS ROAD	53+42.70	36.75' R

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: W. BOWDOIN	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

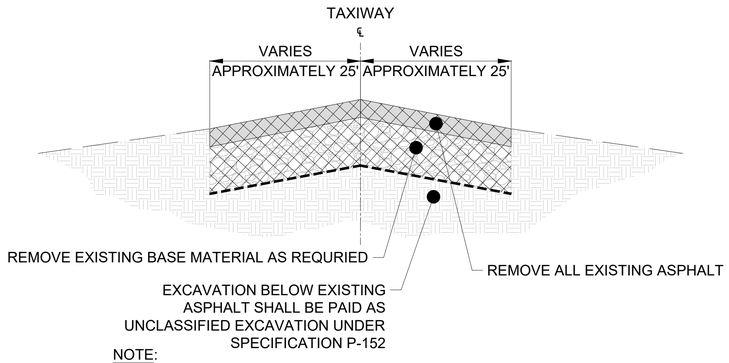
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

GEOMETRY GEOMETRIC POINT TABLES

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-305

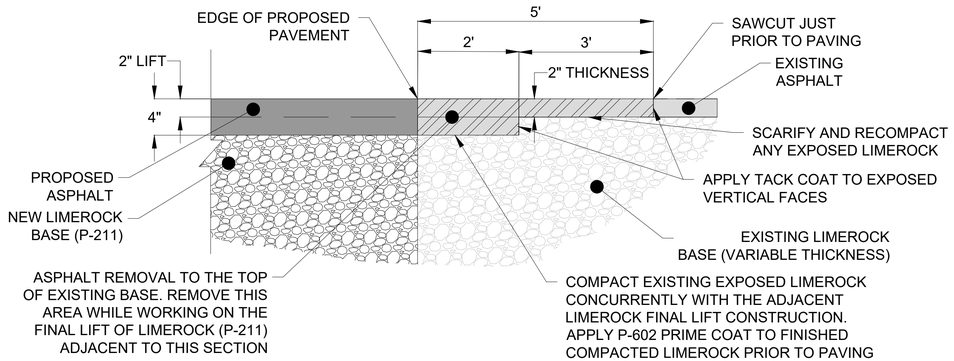
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PLOT DATE: 2025/05/21 AT 12:38 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



NOTE:
1. REFER TO GEOTECHNICAL REPORT IN THE PROJECT MANUAL FOR INFORMATION ON PAVEMENT CORES FOR SPECIFIC DEPTHS OF ASPHALT PAVEMENTS AND BASE COURSES.

1 TAXIWAY DEMOLITION TYPICAL SECTION

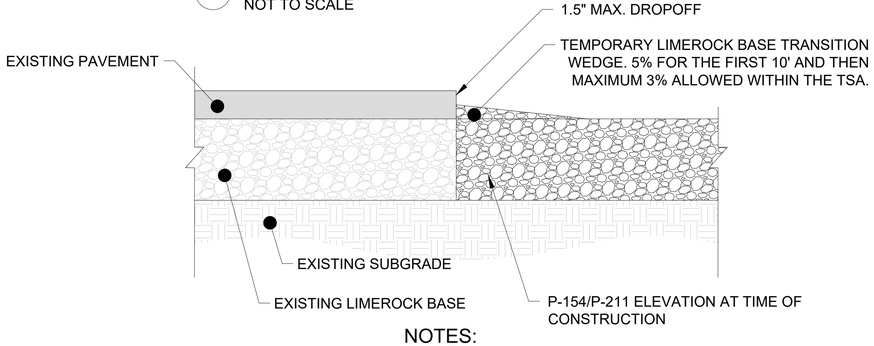
NOT TO SCALE



NOTE:
1. MILLING MAY BE ALLOWED AS AN ALTERNATIVE TO SAWCUTTING IF CONTRACTOR DEMONSTRATES THAT A CLEAN, VERTICAL EDGE CAN BE ESTABLISHED TO THE SATISFACTION OF THE OWNER.
2. REFER TO GEOTECHNICAL REPORT IN THE PROJECT MANUAL FOR INFORMATION ON PAVEMENT CORES FOR SPECIFIC DEPTHS OF ASPHALT PAVEMENTS AND BASE COURSES.

3 ASPHALT TRANSITION DEMOLITION DETAIL

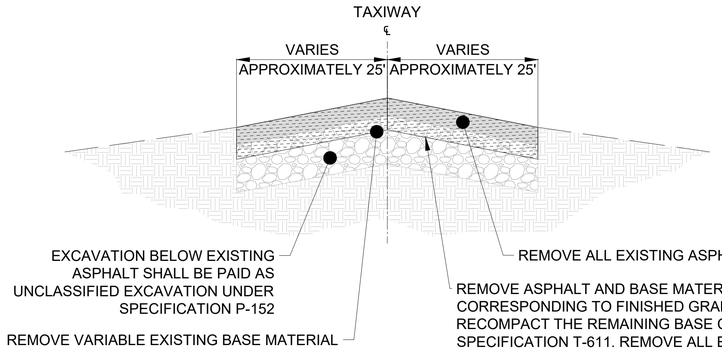
NOT TO SCALE



NOTES:
1. PAYMENT FOR PLACEMENT AND REMOVAL OF WEDGES IS INCIDENTAL TO THE PAY ITEM MAINTENANCE OF AIRCRAFT OPERATING AREA TRAFFIC (015700-11.1)

5 TEMPORARY LIMEROCK BASE TRANSITION WEDGE

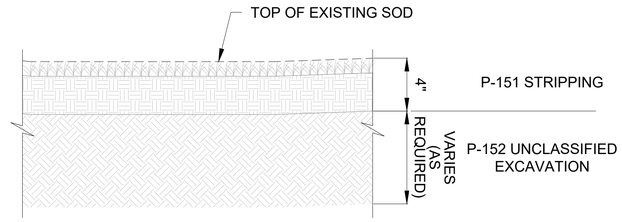
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NOTE:
1. REFER TO GEOTECHNICAL REPORT IN THE PROJECT MANUAL FOR INFORMATION ON PAVEMENT CORES FOR SPECIFIC DEPTHS OF ASPHALT PAVEMENTS AND BASE COURSES.

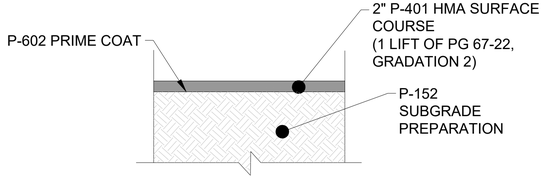
2 TAXIWAY DEMOLITION TYPICAL SECTION 2

NOT TO SCALE



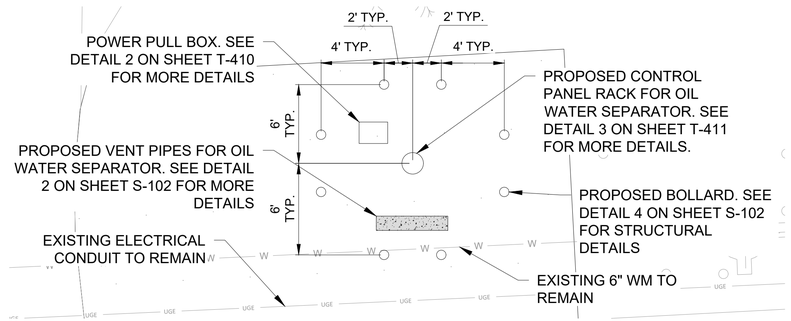
4 STRIPPING AND EXCAVATION TYPICAL SECTION

NOT TO SCALE



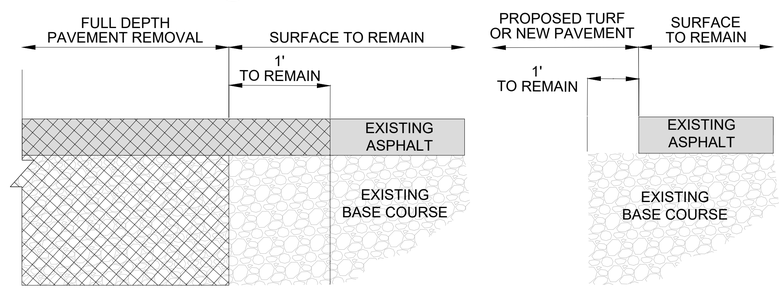
6 EROSION CONTROL ISLAND

NOT TO SCALE



7 BOLLARD GEOMETRIC LAYOUT

NOT TO SCALE



8 FULL DEPTH ASPHALT PAVEMENT REMOVAL ADJACENT TO ASPHALT PAVEMENT TO REMAIN

NOT TO SCALE

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI
ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

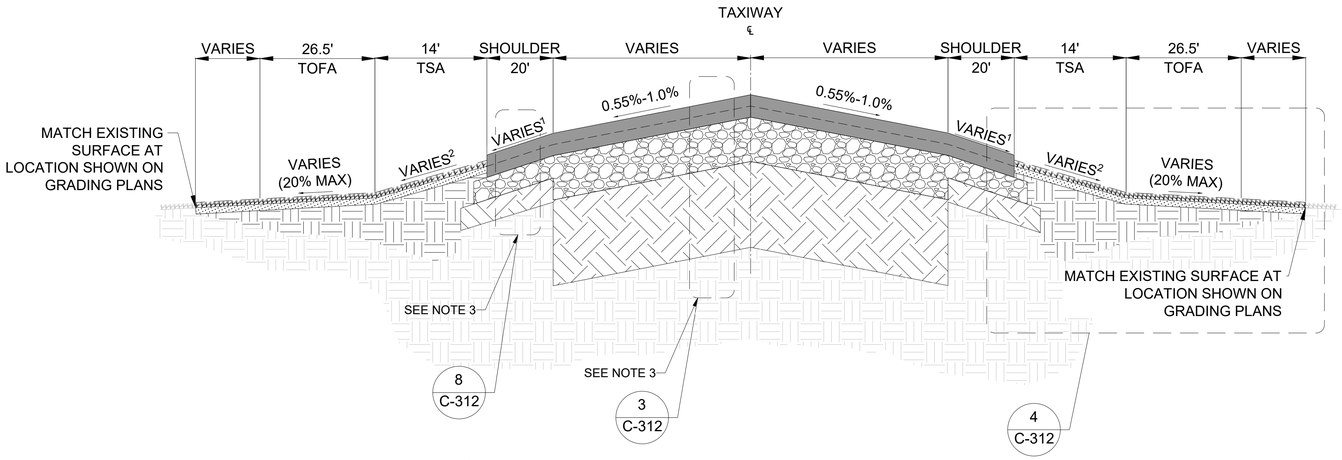
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

TYPICAL SECTION AND PAVING DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

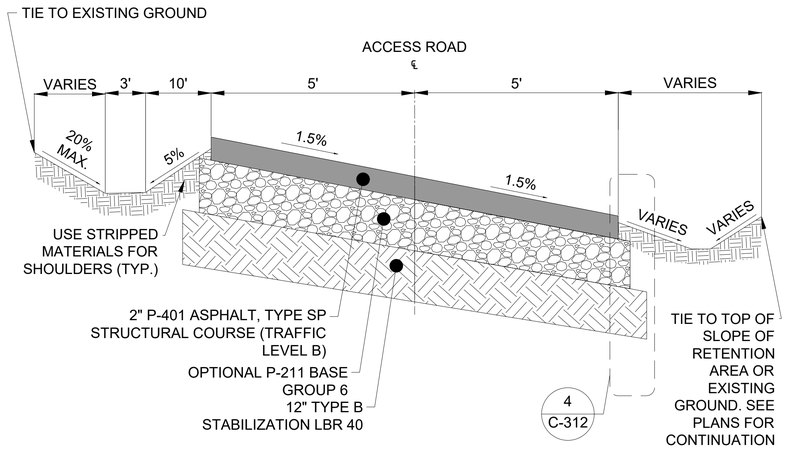
SHEET ID
C-310

FILENAME: C:\PWWORKING\EAST01\D3123426\10365381\C-310.DWG
PLOT DATE: 2025/05/21 AT 12:38 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



NOTES:
1. SHOULDER SLOPES ARE TYPICALLY 1.55%. SLOPES MAY INCREASE TO A MAXIMUM OF 5% AROUND CONNECTOR PINCH-POINTS
2. DUE TO CONNECTOR PINCH-POINTS, GRADES REQUIRED 10' OFF OF PAVEMENT EDGES AND TSA'S MAY DECREASE TO .75%. SEE GRADING PLANS FOR MORE INFORMATION.
3. FOR D7 PAVEMENT WITHIN RUNWAY SAFETY AREA (RSA), USE EXPEDITED PAVEMENT SECTIONS (DETAIL 6 & 9 ON SHEET C-312)

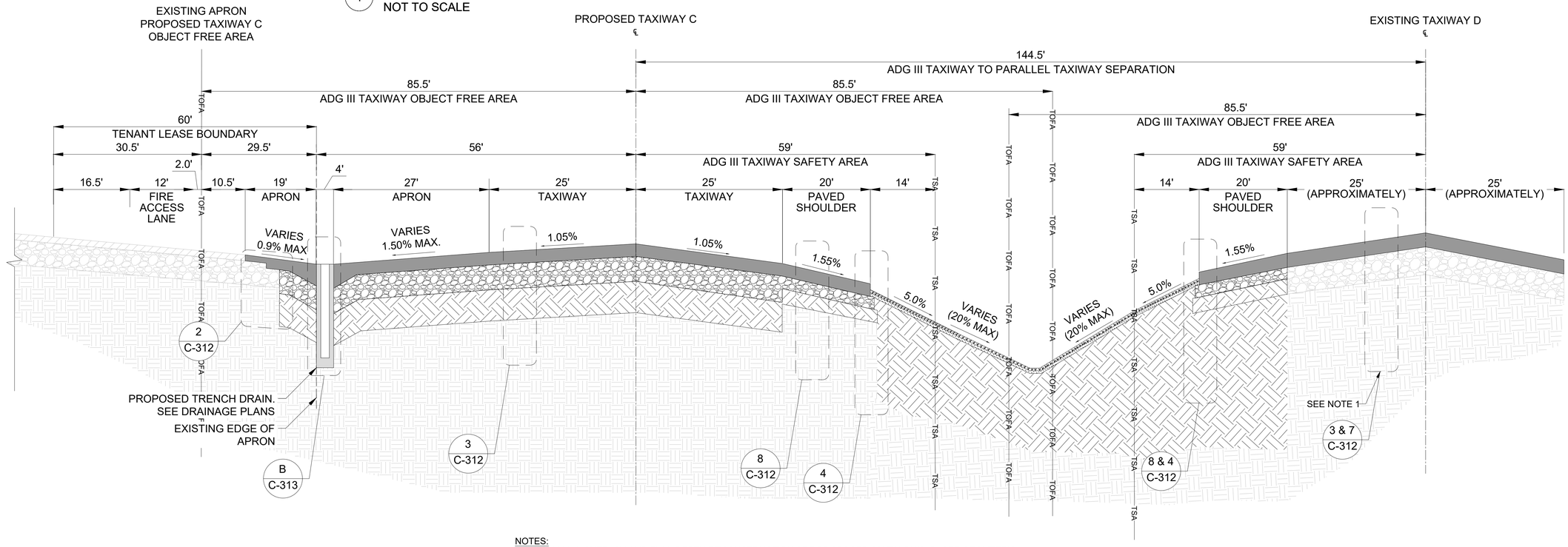
1 TAXIWAY CONNECTOR PROPOSED TYPICAL SECTION
NOT TO SCALE



NOTES:
1. CONTRACTOR SHALL FOLLOW FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT YEAR) FOR THE CONSTRUCTION OF THIS TYPICAL SECTION.

2. COMPACTION REQUIREMENTS FOR BASE COURSE AND SUB BASE COURSE WILL BE IN ACCORDANCE WITH SPECIFICATION T-611.

3 ACCESS ROAD TYPICAL SECTION
NOT TO SCALE



NOTES:
1. BOTH MILL & OVERLAY AND FULL-DEPTH RECONSTRUCTION ARE PROPOSED ON TAXIWAY D. SEE GEOMETRY SHEETS FOR MORE INFORMATION ON RECONSTRUCTION AND MILL & OVERLAY LIMITS. (MILL & OVERLAY SHOWN IN TYPICAL SECTION)

2 RAMP EXPANSION PROPOSED TYPICAL SECTION
NOT TO SCALE

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

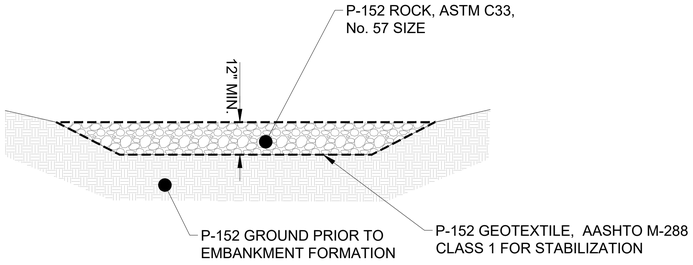
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

TYPICAL SECTION AND PAVING DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

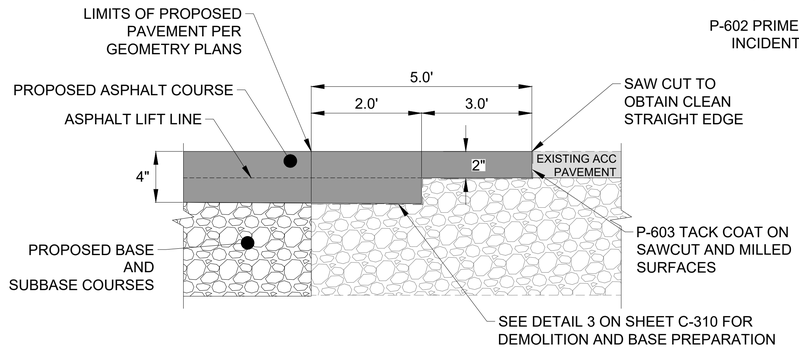
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AUTHOR: TOLLETTE, SAMUEL

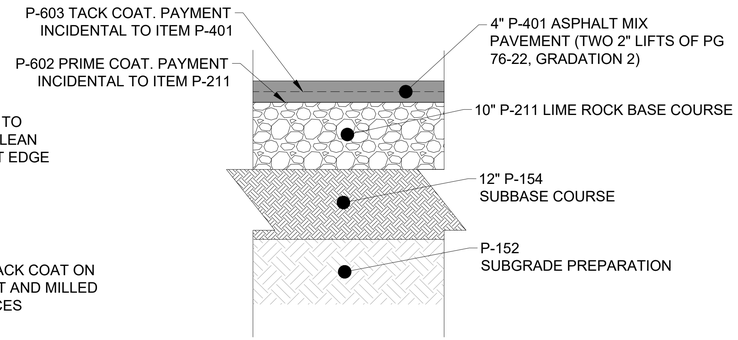


NOTES:
1. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, AND EXCAVATION REQUIRED UNDERNEATH THE P-154 SUB-BASE COURSE OR P-211 LIMEROCK BASE COURSE LAYER TO INSTALL THE SOFT GROUND REPAIR ARE INCIDENTAL TO THE SOFT GROUND REPAIR COST.

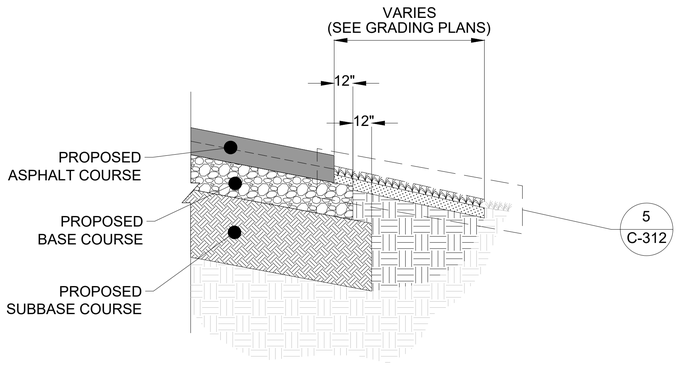
1 SOFT GROUND REPAIR DETAIL
NOT TO SCALE



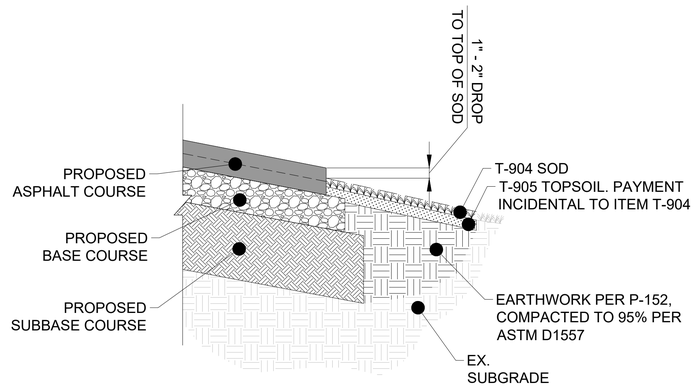
2 ASPHALT TRANSITION DETAIL
NOT TO SCALE



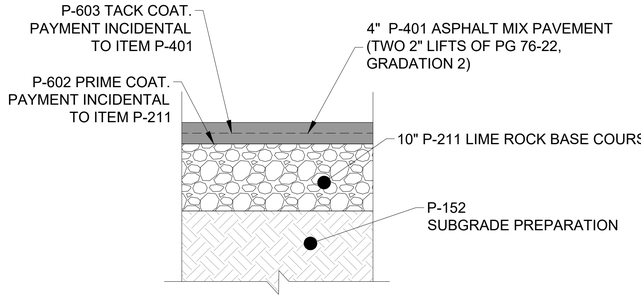
3 P-401 ASPHALT PAVEMENT SECTION DETAIL
NOT TO SCALE



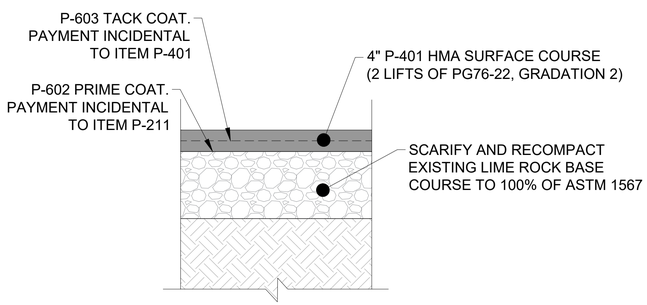
4 LAYER STEPS AT PAVEMENT EDGE DETAIL
NOT TO SCALE



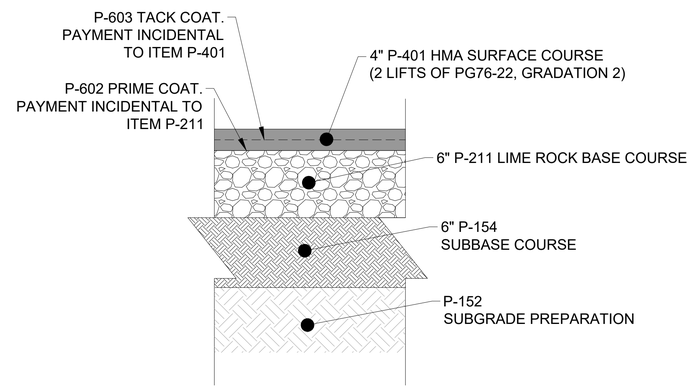
FINISHED PAVEMENT EDGE AND SODDING DETAIL
5
NOT TO SCALE



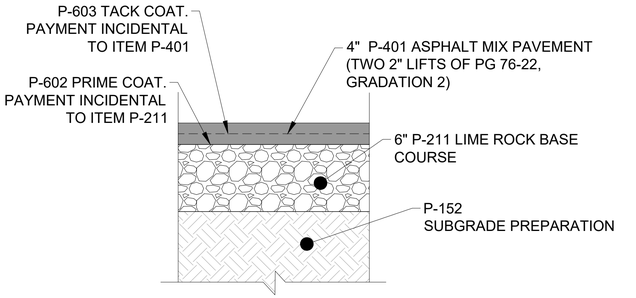
P-401 ASPHALT EXPEDITED PAVEMENT SECTION DETAIL
6
NOT TO SCALE



7 P-401 ASPHALT 4" OVERLAY SECTION DETAIL
NOT TO SCALE



P-401 ASPHALT SHOULDER PAVEMENT SECTION DETAIL
8
NOT TO SCALE



P-401 ASPHALT SHOULDER EXPEDITED PAVEMENT SECTION DETAIL
9
NOT TO SCALE

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
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MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

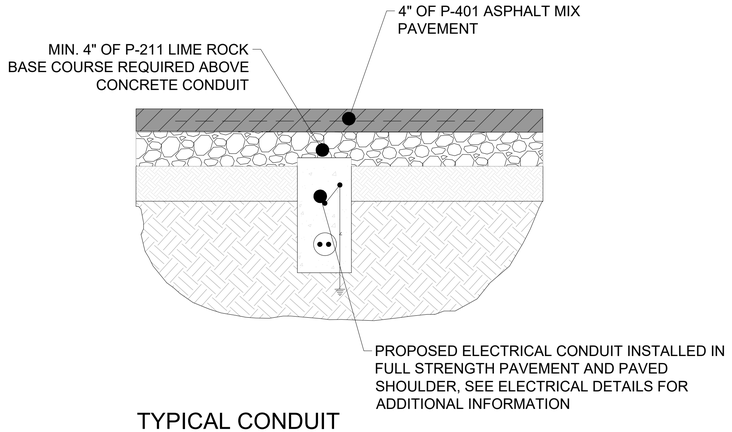
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

TYPICAL SECTION AND PAVING DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

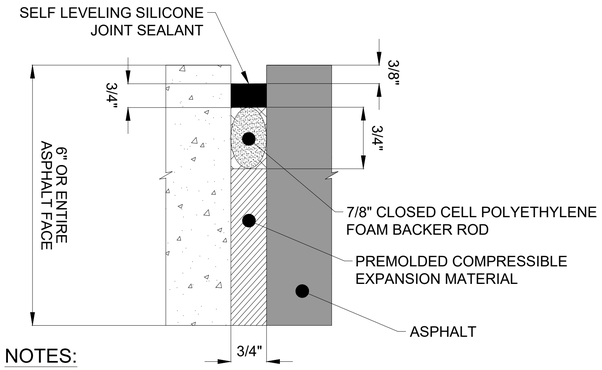
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PLOT DATE: 2025/05/21 AT 12:38 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



TYPICAL CONDUIT INSTALLATION IN NEW PAVEMENT

1 NOT TO SCALE

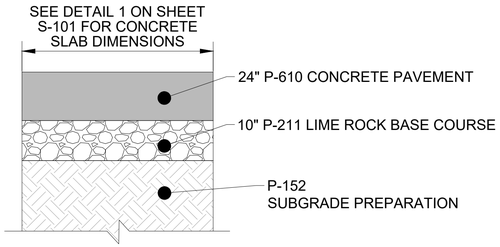


NOTES:

1. ALL MATERIALS AND WORK REQUIRED FOR JOINTS, INCLUDING JOINT SEALING, ARE INCIDENTAL TO ITEMS REQUIRING JOINT SEALING.
2. THE MATERIALS AND METHODS SHOWN ON THIS SHEET ARE THE MINIMUM REQUIREMENTS. OTHER MATERIALS AND METHODS MAY BE USED IF APPROVED BY THE ENGINEER.
3. ALL JOINTS SHALL BE SEALED IN ACCORDANCE WITH SPECIFICATION P-605.
4. FOR ALL JOINTS, FORMED GROOVES WILL NOT BE ALLOWED.

EXPANSION JOINT DETAIL

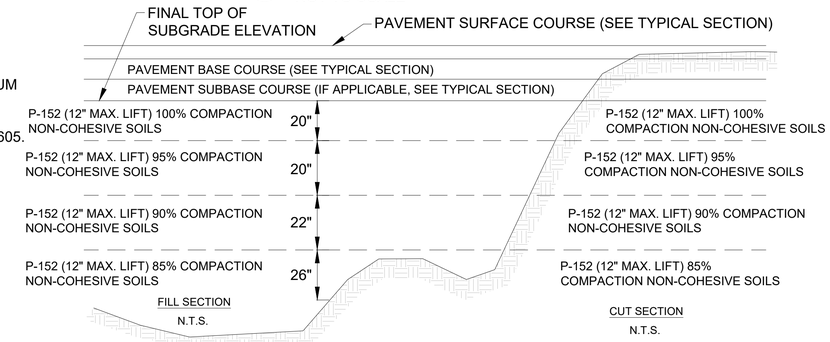
2 NOT TO SCALE



NOTE:
1. PAYMENT FOR CONCRETE SHALL BE MADE UNDER P-610-5.1.

CONCRETE SLAB SECTION BETWEEN TRENCH DRAIN SECTIONS

3 NOT TO SCALE

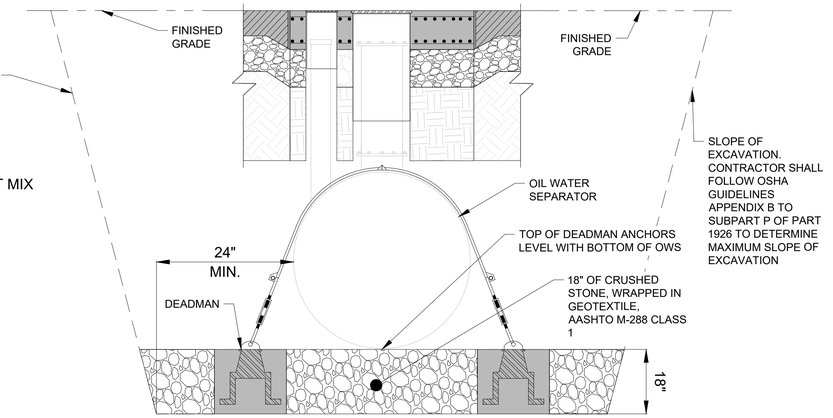


COMPACTION SCHEDULE NOTES:

1. IN CUT SECTIONS, UPON COMPLETION OF EXCAVATION TO THE FINAL TOP OF SUBGRADE ELEVATION, DENSITY TEST THE SUBGRADE AT SURFACE, 6-IN DEPTH, AND 12-IN DEPTH FOR NATURAL DENSITY. IF ANY DENSITIES DO NOT MEET OR EXCEED THE DENSITIES REQUIRED IN THE DETAIL FOR THOSE DEPTHS, SUBGRADE SHALL BE COMPACTED FROM THE SURFACE TO ACHIEVE THE REQUIRED DENSITIES. IF DENSITIES CONTINUE TO FALL BELOW THE REQUIRED VALUE, REMOVE SUBGRADE UNTIL A DEPTH IS REACHED THAT MEETS THE REQUIRED DENSITIES FOR THAT DEPTH. BACKFILL TO PROPOSED FINAL SUBGRADE ELEVATION, IN WHICH CASE THE MINIMUM DENSITIES FOR FILLS APPLY. SEE SPECIFICATION P-152 FOR OVER EXCAVATION REQUIREMENTS. OVER-EXCAVATION SHALL BE PAID PER THE UNIT MEASUREMENT AND PRICE FOR UNCLASSIFIED EXCAVATION OR ITS EQUIVALENT. BACKFILL WITH NEW MATERIAL FROM OFF SITE SHALL BE PAID FOR PER THE UNIT MEASUREMENT AND PRICE FOR EMBANKMENT IN PLACE OR ITS EQUIVALENT.
2. NON COHESIVE SOILS, FOR THE PURPOSE OF DETERMINING COMPACTION, ARE THOSE WITH A P.I. < 3.
3. SEE SPECIFICATION P-152 FOR DETAILED COMPACTION REQUIREMENTS AND STANDARDS.

COMPACTION SCHEDULE

4 NOT TO SCALE

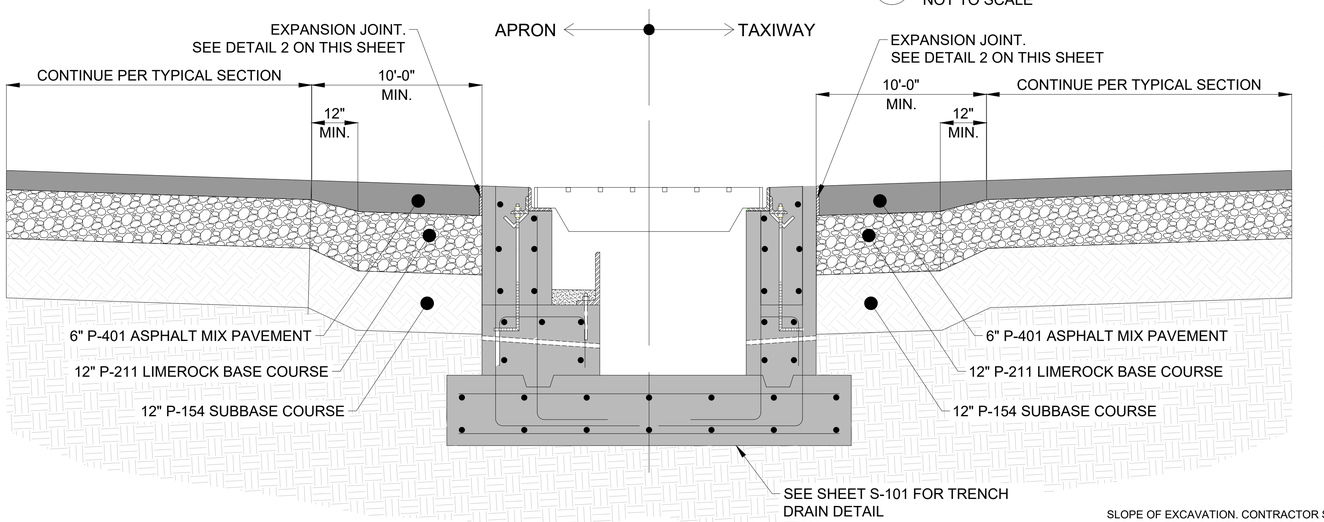


NOTES:

1. WORK SHOWN IN THIS DETAIL SHALL BE CONSIDERED ANCILLARY TO THE OIL/WATER SEPARATOR COST.
2. CONTRACTOR SHALL REMOVE ALL LARGE AND SHARP ROCKS/DEBRIS THAT MAY HAVE FALLEN INTO THE EXCAVATION BEFORE BACKFILLING.

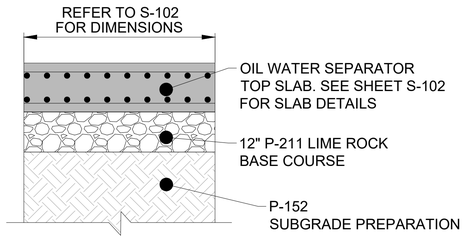
OIL WATER SEPARATOR EXCAVATION & TYPICAL SECTION

7 NOT TO SCALE



PAVEMENT SECTION

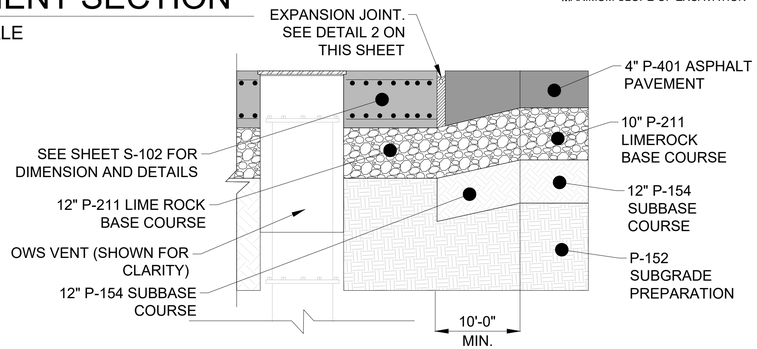
B NOT TO SCALE



NOTE:
1. CONCRETE AND REINFORCEMENT IS PAID UNDER ITEM P-610-5.2.

OIL WATER SEPARATOR TOP SLAB SECTION

5 NOT TO SCALE



OIL WATER SEPARATOR TOP SLAB TRANSITION

6 NOT TO SCALE

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

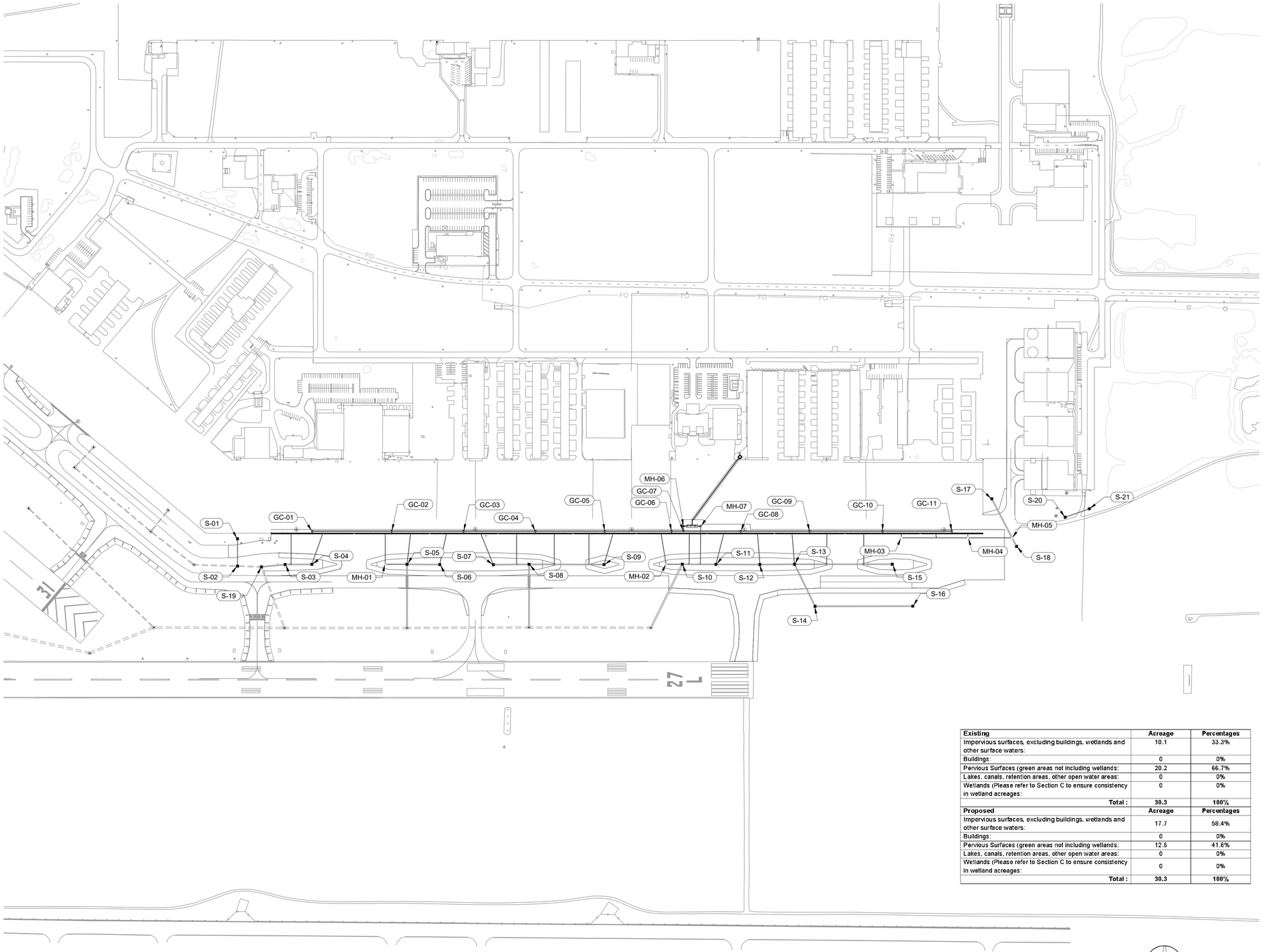
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

TYPICAL SECTION AND PAVING DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-313

FILENAME: C:\PWWORKING\EAST01\D312362B1\103653814C-310.DWG
PLOT DATE: 2025/05/21 AT 12:38 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- EXISTING STORM DRAIN PIPE
- EXISTING CATCH BASIN OR INLET
- PROPOSED STORM DRAIN PIPE
- PROPOSED CATCH BASIN OR INLET
- TSA — TAXIWAY SAFETY AREA
- TOFA — TAXIWAY OBJECT FREE AREA
- RSA — RUNWAY SAFETY AREA
- ROFA — RUNWAY OBJECT FREE AREA
- PROPOSED ASPHALT (REFER TO PAVING AND GEOMETRY PLAN)
- PROPOSED SOD (PER SPEC T-904)

NOTES

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2. ALL WORK SHALL BE IN ACCORDANCE WITH MIAMI DADE AVIATION DEPARTMENT DESIGN GUIDELINES MANUAL (LATEST EDITION) AND FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULARS (LATEST EDITION).
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4. SEE SHEETS E201-E204 FOR ELECTRICAL LIGHTING PLAN.
5. SEE SHEETS C301-C304 FOR PAVING AND GEOMETRY PLAN.
6. SEE SHEET C-405 FOR PROPOSED DRAINAGE STRUCTURE'S INFORMATION.
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8. ALL PROPOSED AIRFIELD DIP PIPES SHALL BE SPECIAL THICKNESS CLASS 53.
9. NEWLY INSTALLED INLETS SHALL BE PROTECTED IN A SIMILAR MANNER TO THE EXISTING INLETS THROUGHOUT THE DIFFERENT PHASES OF CONSTRUCTION TILL CONSTRUCTION IS FINISHED.

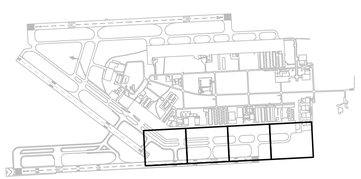
Existing	Acreage	Percentages
Impervious surfaces, excluding buildings, wetlands and other surface waters:	10.1	33.3%
Buildings:	0	0%
Pervious Surfaces (green areas not including wetlands:	20.2	66.7%
Lakes, canals, retention areas, other open water areas:	0	0%
Wetlands (Please refer to Section C to ensure consistency in wetland acreages:	0	0%
Total :	**30.3**	**100%**
Proposed	**Acreage**	**Percentages**
Impervious surfaces, excluding buildings, wetlands and other surface waters:	17.7	58.4%
Buildings:	0	0%
Pervious Surfaces (green areas not including wetlands:	12.6	41.6%
Lakes, canals, retention areas, other open water areas:	0	0%
Wetlands (Please refer to Section C to ensure consistency in wetland acreages:	0	0%
Total :	**30.3**	**100%**

N

200' 0' 200' 400'

GRAPHIC SCALE (IN FEET)

KEY MAP



MIA MIAMI-DADE COUNTY

MARK	DESCRIPTION	DATE

LICENSED PROFESSIONAL

ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEIFE
SUBMITTED BY: E. GUEVARA

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

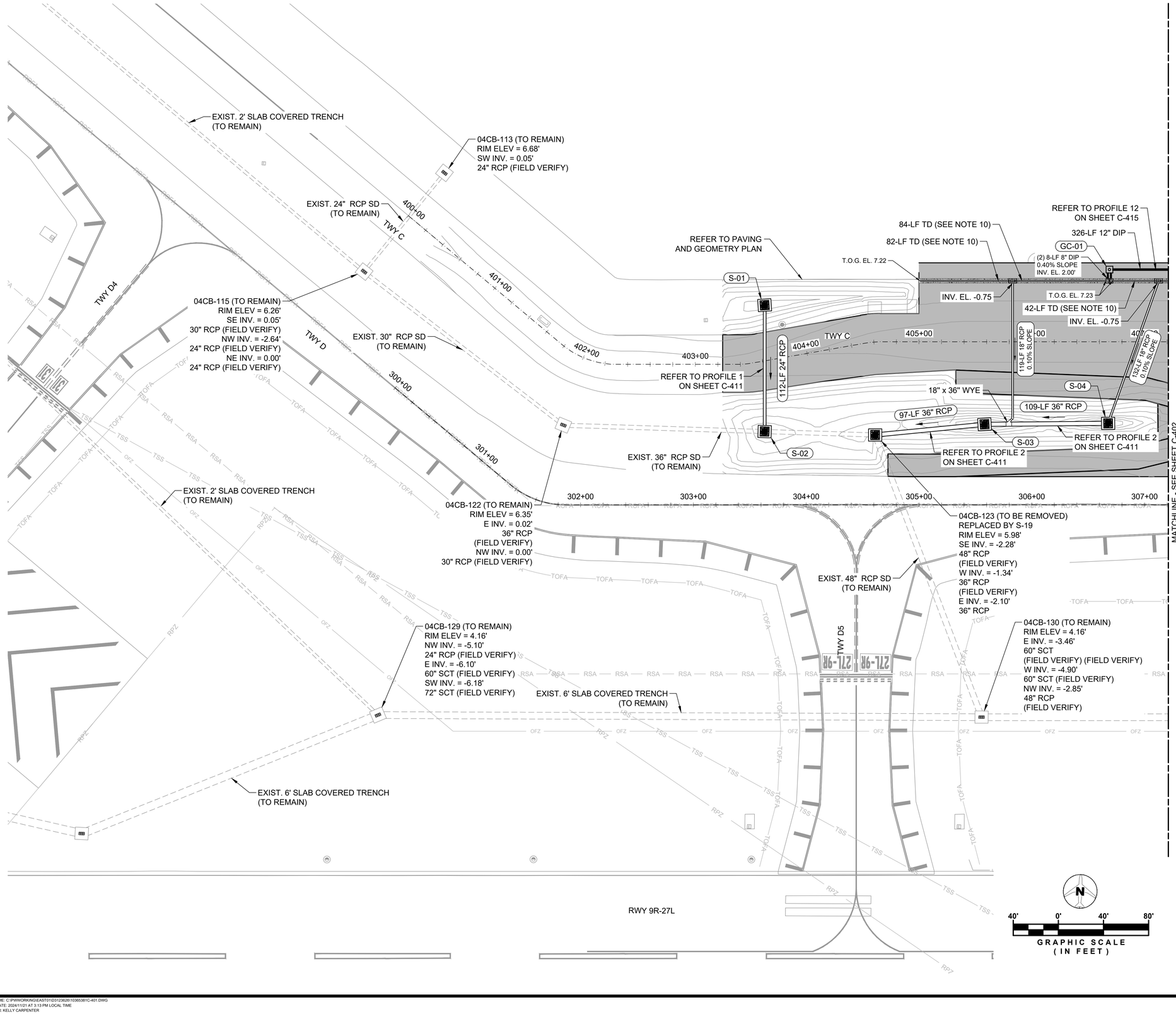
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

OVERALL DRAINAGE PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-400

FILENAME: C:\PWWORKING\EAST01\D312362B\I10365381C-401.DWG
PLOT DATE: 2024/11/21 AT 3:13 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



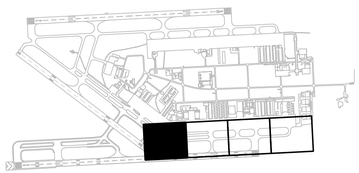
LEGEND

- EXISTING STORM DRAIN PIPE
- EXISTING CATCH BASIN OR INLET
- PROPOSED STORM DRAIN PIPE
- PROPOSED CATCH BASIN OR INLET
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- PROPOSED SOD (PER SPEC T-904)

NOTES

1. EXISTING CONDITIONS PRESENTED ARE BASED ON A TOPOGRAPHIC SURVEY PERFORMED BY FR ALEMAN & ASSOCIATES, INC.
2. ALL WORK SHALL BE IN ACCORDANCE WITH MIAMI DADE AVIATION DEPARTMENT DESIGN GUIDELINES MANUAL (LATEST EDITION) AND FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULARS (LATEST EDITION).
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10. THE PROPOSED TRENCH DRAIN SHALL MAINTAIN AN INVERT ELEVATION OF 2.0' THROUGHOUT IT'S ENTIRE LENGTH.

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

DESIGNED BY: E. GUEVARA	ISSUE DATE: 11/22/2024
DRAWN BY: K. CARPENTER	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: M. ADEFE	
SUBMITTED BY: E. GUEVARA	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

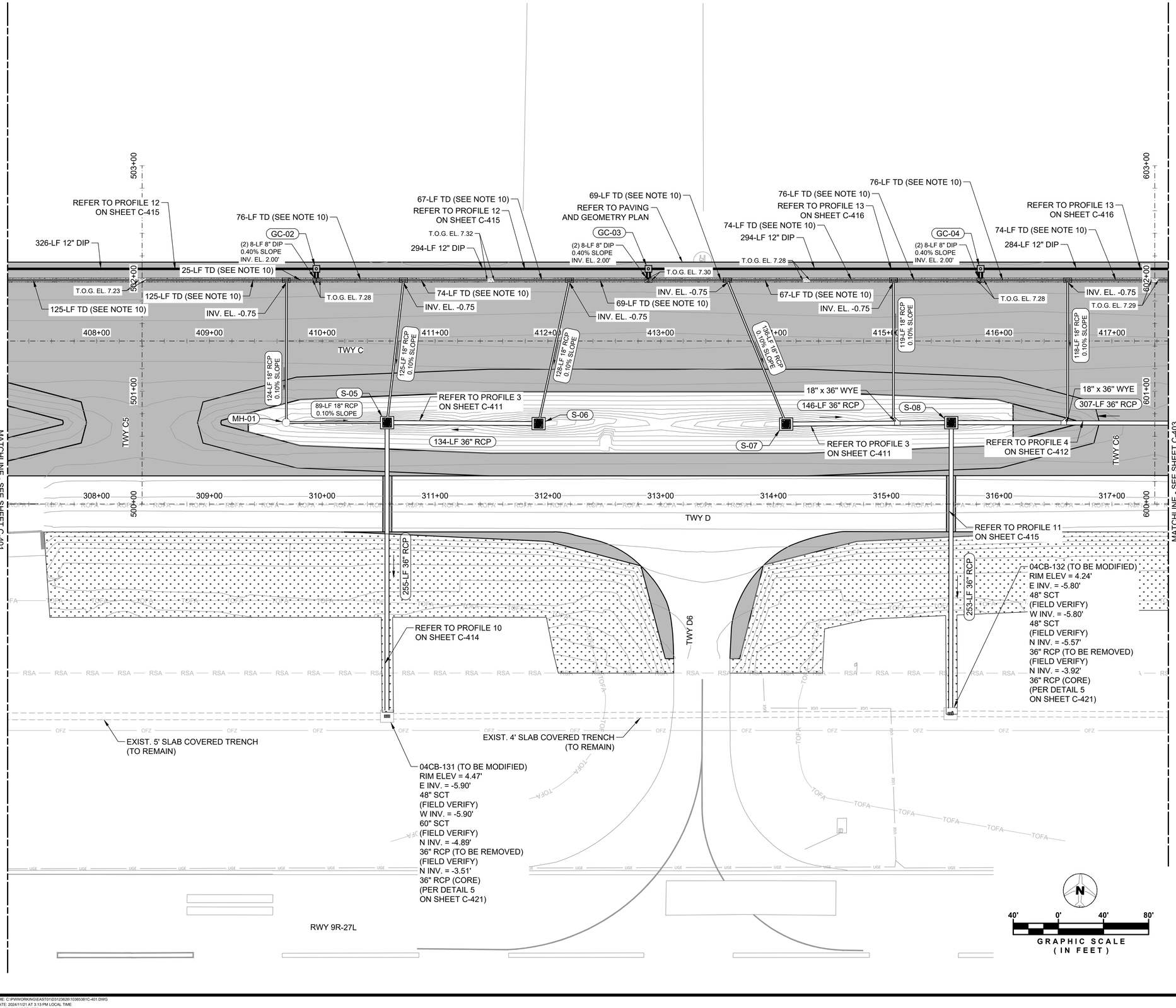
HDR ENGINEERING, INC.
8333 NW 53RD STREET E 230
DORAL, FL 33166
(305) 728-7452

DRAINAGE PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-401

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381\C-401.DWG
PLOT DATE: 2024/11/21 AT 3:13 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



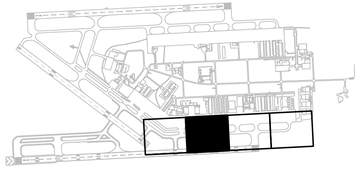
LEGEND

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LICENSED PROFESSIONAL

ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

DESIGNED BY: E. GUEVARA	ISSUE DATE: 11/22/2024
DRAWN BY: K. CARPENTER	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: M. ADEIFE	
SUBMITTED BY: E. GUEVARA	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

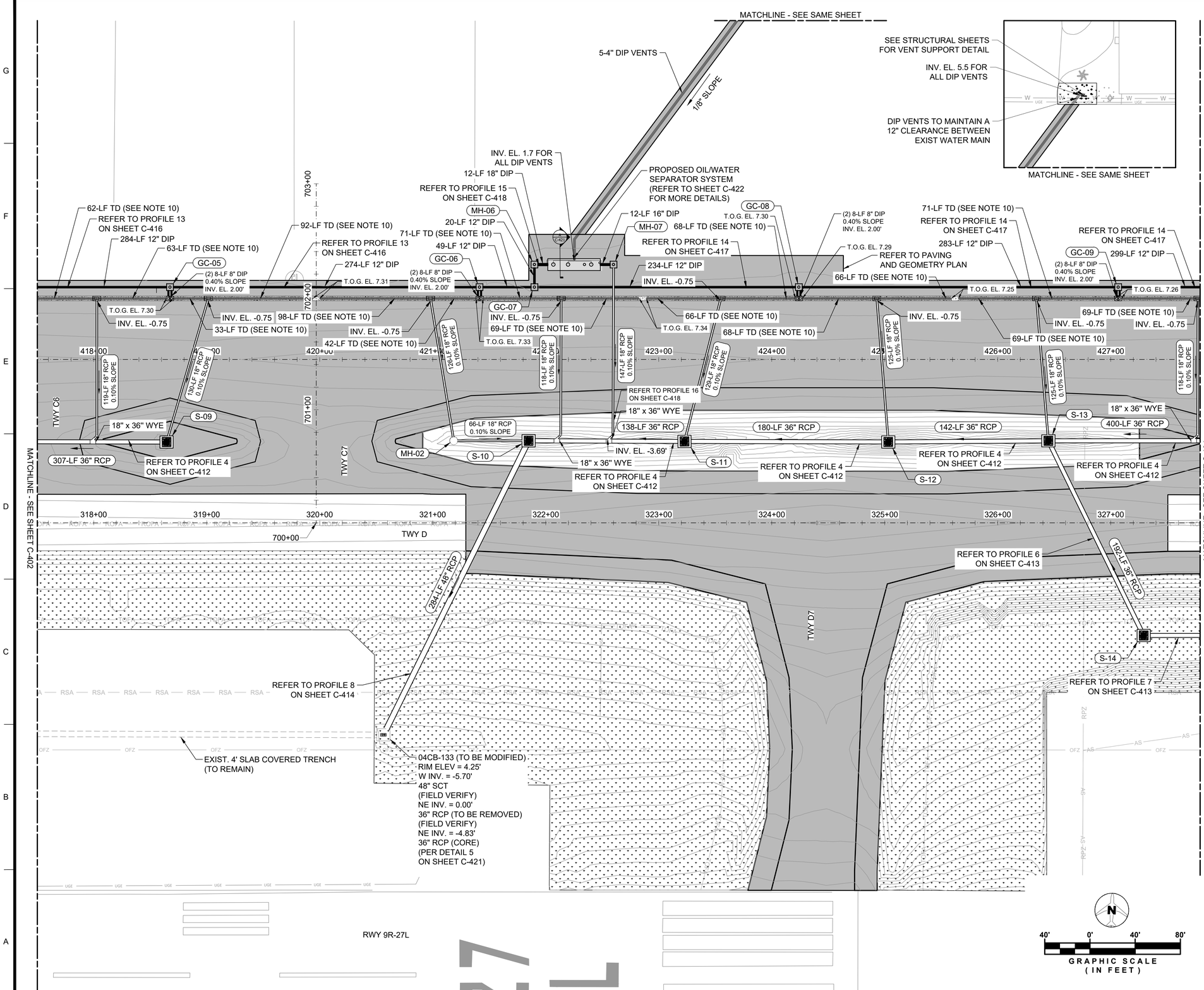
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 200
DORAL, FL 33166
(305) 728-7452

DRAINAGE PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-402

FILENAME: C:\PWWORKING\EAST01\D312362\I10365381\C-401.DWG
PLOT DATE: 2024/11/21 AT 3:13 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



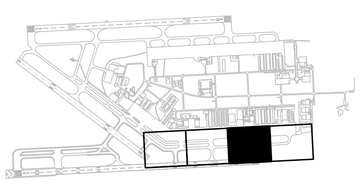
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KEY MAP



MARK	DESCRIPTION	DATE

LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEFE
SUBMITTED BY: E. GUEVARA

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
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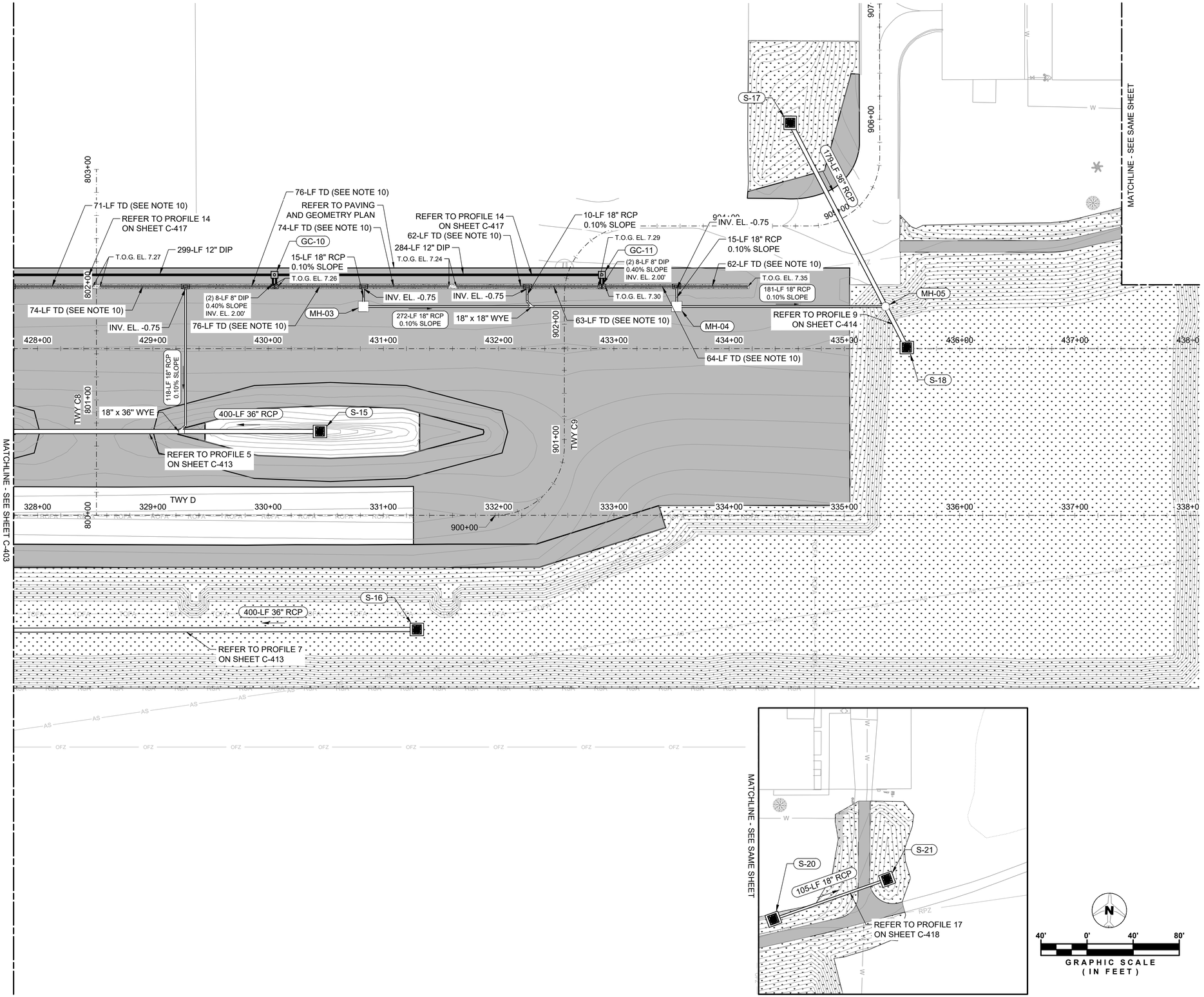
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE E230
DORAL, FL 33166
(305) 728-7452

DRAINAGE PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-403

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381\C-401.DWG
PLOT DATE: 2024/11/21 AT 3:13 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



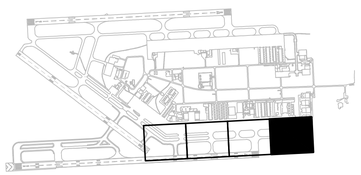
LEGEND

- EXISTING STORM DRAIN PIPE
- EXISTING CATCH BASIN OR INLET
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KEY MAP



GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

MARK	DESCRIPTION	DATE

LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEFE
SUBMITTED BY: E. GUEVARA

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE E230
DORAL, FL 33166
(305) 728-7452

DRAINAGE PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-404

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381\C-401.DWG
PLOT DATE: 2024/11/21 AT 3:14 PM LOCAL TIME
AUTHOR: KELLY CARPENTER

STORM DRAINAGE STRUCTURE TABLE

STRUCTURE ID	NORTHING	EASTING	RIM ELEV (FT)	BOTTOM ELEV (FT)	CONNECTED PIPES	NOTES	SHEET ID
GC-01	477114.81	844450.09	7.27'	-0.03'	INV. = 1.97' (E), 12" DIP INV. = 1.97' (S), 8" DIP (2)	48"X48" GRIT-CHAMBER REFER TO SHEET S-103 FOR DETAILS	C-401
GC-02	477131.48	844775.66	7.33'	-0.85'	INV. = 1.25' (W), 12" DIP INV. = 1.15' (E), 12" DIP INV. = 1.97' (S), 8" DIP (2)	48"X48" GRIT-CHAMBER REFER TO SHEET S-103 FOR DETAILS	C-402
GC-03	477146.52	845069.66	7.35'	-1.60'	INV. = 0.50' (W), 12" DIP INV. = 0.40' (E), 12" DIP INV. = 1.97' (S), 8" DIP (2)	48"X48" GRIT-CHAMBER REFER TO SHEET S-103 FOR DETAILS	C-402
GC-04	477161.57	845363.66	7.36'	-2.35'	INV. = -0.25' (W), 12" DIP INV. = -0.35' (E), 12" DIP INV. = 1.97' (S), 8" DIP (2)	48"X48" GRIT-CHAMBER REFER TO SHEET S-103 FOR DETAILS	C-402
GC-05	477176.08	845647.21	7.36'	-3.07'	INV. = -0.97' (W), 12" DIP INV. = -1.07' (E), 12" DIP INV. = 1.97' (S), 8" DIP (2)	48"X48" GRIT-CHAMBER REFER TO SHEET S-103 FOR DETAILS	C-403
GC-06	477190.09	845920.77	7.38'	-3.77'	INV. = -1.67' (W), 12" DIP INV. = -1.77' (E), 12" DIP INV. = 1.97' (S), 8" DIP (2)	48"X48" GRIT-CHAMBER REFER TO SHEET S-103 FOR DETAILS	C-403
GC-07	477192.57	845969.28	7.41'	-3.98'	INV. = -1.88' (W), 12" DIP INV. = -1.98' (N), 12" DIP INV. = -0.74' (E), 12" DIP	48"X48" GRIT-CHAMBER REFER TO SHEET S-103 FOR DETAILS	C-403
GC-08	477204.53	846202.97	7.33'	-2.23'	INV. = -0.23' (W), 12" DIP INV. = -0.13' (E), 12" DIP INV. = 1.97' (S), 8" DIP (2)	48"X48" GRIT-CHAMBER REFER TO SHEET S-103 FOR DETAILS	C-403
GC-09	477218.97	846485.16	7.32'	-1.51'	INV. = 0.49' (W), 12" DIP INV. = 0.59' (E), 12" DIP INV. = 1.97' (S), 8" DIP (2)	48"X48" GRIT-CHAMBER REFER TO SHEET S-103 FOR DETAILS	C-403
GC-10	477234.25	846783.72	7.32'	-0.75'	INV. = 1.25' (W), 12" DIP INV. = 1.35' (E), 12" DIP INV. = 1.97' (S), 8" DIP (2)	48"X48" GRIT-CHAMBER REFER TO SHEET S-103 FOR DETAILS	C-404
GC-11	477248.77	847067.39	7.35'	-0.03'	INV. = 1.97' (W), 12" DIP INV. = 1.97' (S), 8" DIP (2)	48"X48" GRIT-CHAMBER REFER TO SHEET S-103 FOR DETAILS	C-404
MH-01	476994.11	844755.93	6.19'	-0.87'	INV. = -0.87' (N), 18" RCP INV. = -0.87' (E), 18" RCP	FDOT 425-001 MANHOLE TYPE 8 FDOT 425-010 STRUCTURE BOTTOM ALTERNATE A TYPE J - (72") REFER TO NOTE 1	C-402
MH-02	477053.23	845904.91	5.81'	-0.88'	INV. = -0.88' (E), 18" RCP INV. = -0.88' (N), 18" RCP	FDOT 425-001 MANHOLE TYPE 8 FDOT 425-010 STRUCTURE BOTTOM ALTERNATE A TYPE J -(72") REFER TO NOTE 1	C-403
MH-03	477210.86	846862.28	7.41'	-0.77'	INV. = -0.75' (E), 18" RCP INV. = -0.77' (N), 18" RCP	TYPE 1 MANHOLE STRUCTURE REFER TO SHEET S-103 FOR DETAILS	C-404
MH-04	477224.75	847133.65	7.47'	-1.02'	INV. = -0.77' (N), 18" RCP INV. = -1.02' (W), 18" RCP INV. = -1.02' (E), 18" RCP	TYPE 1 MANHOLE STRUCTURE REFER TO SHEET S-103 FOR DETAILS	C-404
MH-05	477234.01	847314.55	5.95'	-1.39'	INV. = -1.29' (NW), 36" RCP INV. = -1.39' (SE), 36" RCP INV. = -1.20' (W), 18" RCP	FDOT 425-001 MANHOLE TYPE 8 FDOT 425-010 STRUCTURE BOTTOM ALTERNATE A TYPE J - (72") REFER TO NOTE 1	C-404
MH-06	477212.54	845968.26	7.55'	-2.12'	INV. = -2.02' (S), 12" DIP INV. = -2.12' (E), 18" DIP	TYPE 1 MANHOLE STRUCTURE REFER TO SHEET S-103 FOR DETAILS	C-403
MH-07	477216.12	846038.17	7.50'	-3.54'	INV. = -3.44' (W), 16" DIP INV. = -3.54' (S), 18" RCP	TYPE 1 MANHOLE STRUCTURE REFER TO SHEET S-103 FOR DETAILS	C-403
S-01	477067.70	844146.45	6.10'	0.39'	INV. = 0.39' (S), 24" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-401
S-02	476955.83	844152.17	5.81'	-1.34'	INV. = 0.28' (N), 24" RCP INV. = -1.34' (W), 36" RCP (FIELD VERIFY) INV. = -1.34' (E), 36" RCP (FIELD VERIFY)	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-401

STORM DRAINAGE STRUCTURE TABLE

STRUCTURE ID	NORTHING	EASTING	RIM ELEV (FT)	BOTTOM ELEV (FT)	CONNECTED PIPES	NOTES	SHEET ID
S-03	476972.21	844346.54	5.12'	-1.91'	INV. = -1.91' (W), 36" RCP INV. = -1.91' (E), 36" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-401
S-04	476978.64	844455.83	5.18'	-1.69'	INV. = -1.69' (W), 36" RCP INV. = -0.88' (N), 18" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-401
S-05	476998.53	844845.22	4.80'	-3.00'	INV. = -3.00' (S), 36" RCP INV. = -1.65' (E), 36" RCP INV. = -0.88' (N), 18" RCP INV. = -0.96' (W), 18" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-402
S-06	477004.53	844979.38	4.84'	-1.52'	INV. = -0.88' (N), 18" RCP INV. = -1.52' (W), 36" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-402
S-07	477015.30	845198.61	4.84'	-1.49'	INV. = -1.49' (E), 36" RCP INV. = -0.89' (NW), 18" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-402
S-08	477024.10	845344.65	5.07'	-3.41'	INV. = -3.41' (S), 36" RCP INV. = -3.31' (E), 36" RCP INV. = -1.64' (W), 36" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-402
S-09	477039.09	845651.21	6.29'	-6.50'	INV. = -0.88' (N), 18" RCP INV. = -3.00' (W), 36" RCP W/ HOOD	FDOT 425-053 INLET TYPE G FDOT 425-010 STRUCTURE BOTTOM ALTERNATE A TYPE J - (72"X72") W/ HOOD REFER TO NOTE 2	C-403
S-10	477056.57	845971.03	5.20'	-4.55'	INV. = -4.55' (E), 36" RCP INV. = -4.55' (SW), 48" RCP INV. = -0.94' (W), 18" RCP	FDOT 425-053 INLET TYPE G FDOT 425-010 STRUCTURE BOTTOM ALTERNATE A TYPE J - (72"X72") REFER TO NOTE 1	C-403
S-11	477063.06	846108.87	4.91'	-4.41'	INV. = -3.91' (E), 36" RCP INV. = -4.41' (W), 36" RCP INV. = -0.88' (N), 18" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-403
S-12	477071.80	846288.96	4.68'	-3.73'	INV. = -3.73' (E), 36" RCP INV. = -3.73' (W), 36" RCP INV. = -0.88' (N), 18" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-403
S-13	477080.03	846430.36	4.99'	-3.59'	INV. = -1.93' (SE), 36" RCP INV. = -3.59' (W), 36" RCP INV. = -3.59' (E), 36" RCP INV. = -0.87' (N), 18" RCP	FDOT 425-053 INLET TYPE G FDOT 425-010 STRUCTURE BOTTOM ALTERNATE A TYPE J - (72"X72") REFER TO NOTE 1	C-403
S-14	476912.31	846523.39	4.50'	-1.73'	INV. = -1.73' (NW), 36" RCP INV. = -1.73' (E), 36" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-403
S-15	477100.64	846830.07	5.00'	-3.19'	INV. = -3.19' (W), 36" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-404
S-16	476933.42	846922.83	4.50'	-1.33'	INV. = -1.33' (W), 36" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-404
S-17	477388.90	847223.84	6.50'	-1.11'	INV. = -1.11' (SE), 36" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-404
S-18	477199.40	847334.83	4.50'	-1.43'	INV. = -1.43' (NW), 36" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-404
S-19	476957.78	844250.18	5.98'	-2.28'	INV. = -2.28' (SE), 48" RCP (FIELD VERIFY) INV. = -1.34' (W), 36" RCP (FIELD VERIFY) INV. = -2.10' (E), 36" RCP	FDOT 425-053 INLET TYPE G FDOT 425-010 STRUCTURE BOTTOM ALTERNATE A TYPE J - (72"X72") REFER TO NOTE 1	C-401
S-20	477329.01	847527.86	6.78'	-0.50'	INV. = -0.50' (E), 18" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-404
S-21	477368.64	847624.61	6.78'	-0.71'	INV. = -0.71' (W), 18" RCP	FDOT 425-053 INLET TYPE G REFER TO NOTE 1	C-404

NOTES

1. ALL NEW CATCH BASINS SHALL HAVE CONCRETE APRONS PER FDOT STANDARD PLANS.
2. REFER TO SHEET C-421 DETAIL 3 FOR HOOD DIMENSIONS.

MARK | DESCRIPTION | DATE

LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEIFE
SUBMITTED BY: E. GUEVARA

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

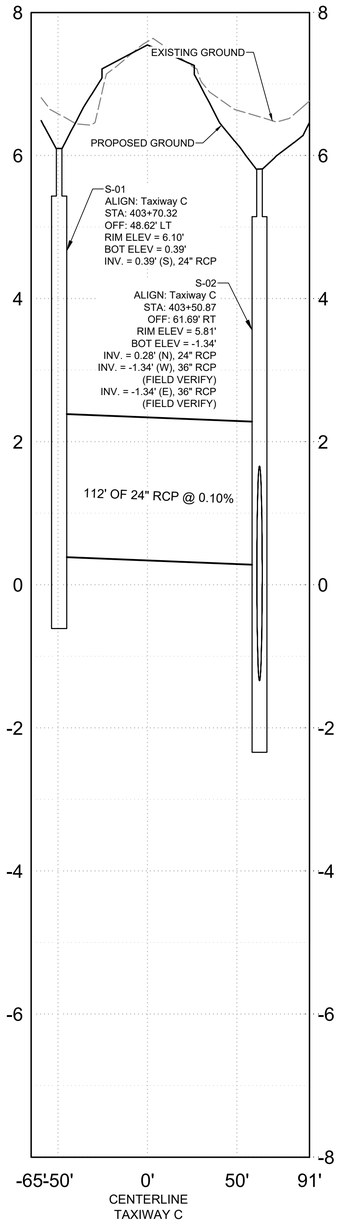
HDR ENGINEERING, INC.
8533 NW 66TH ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

SUMMARY OF DRAINAGE STRUCTURES

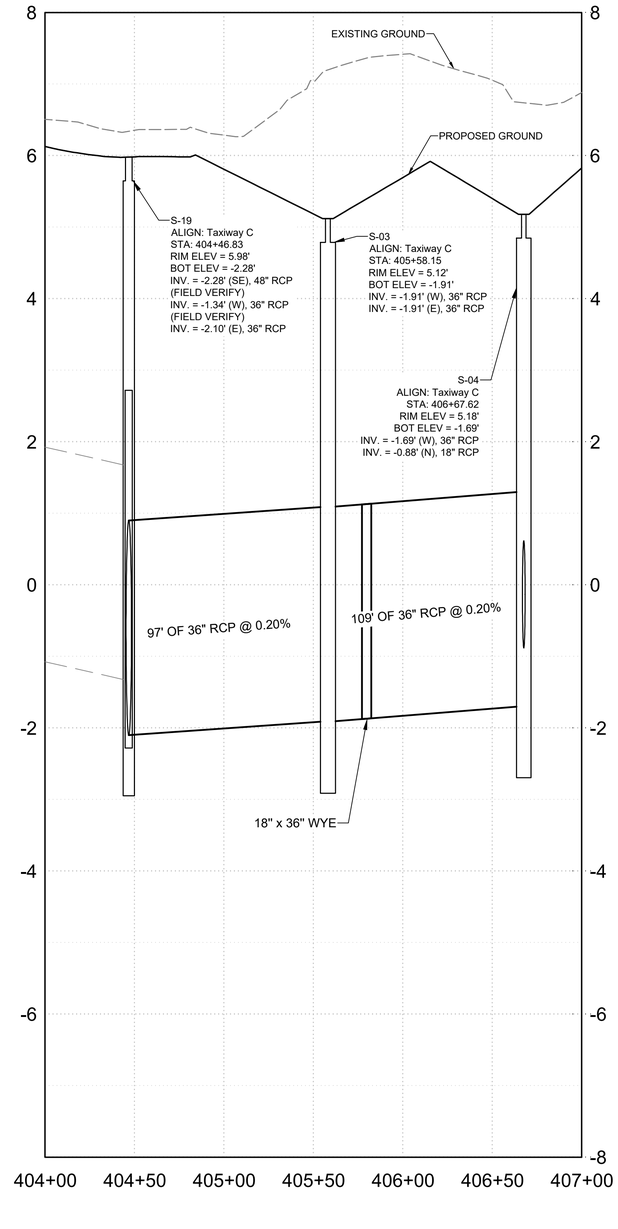
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-405

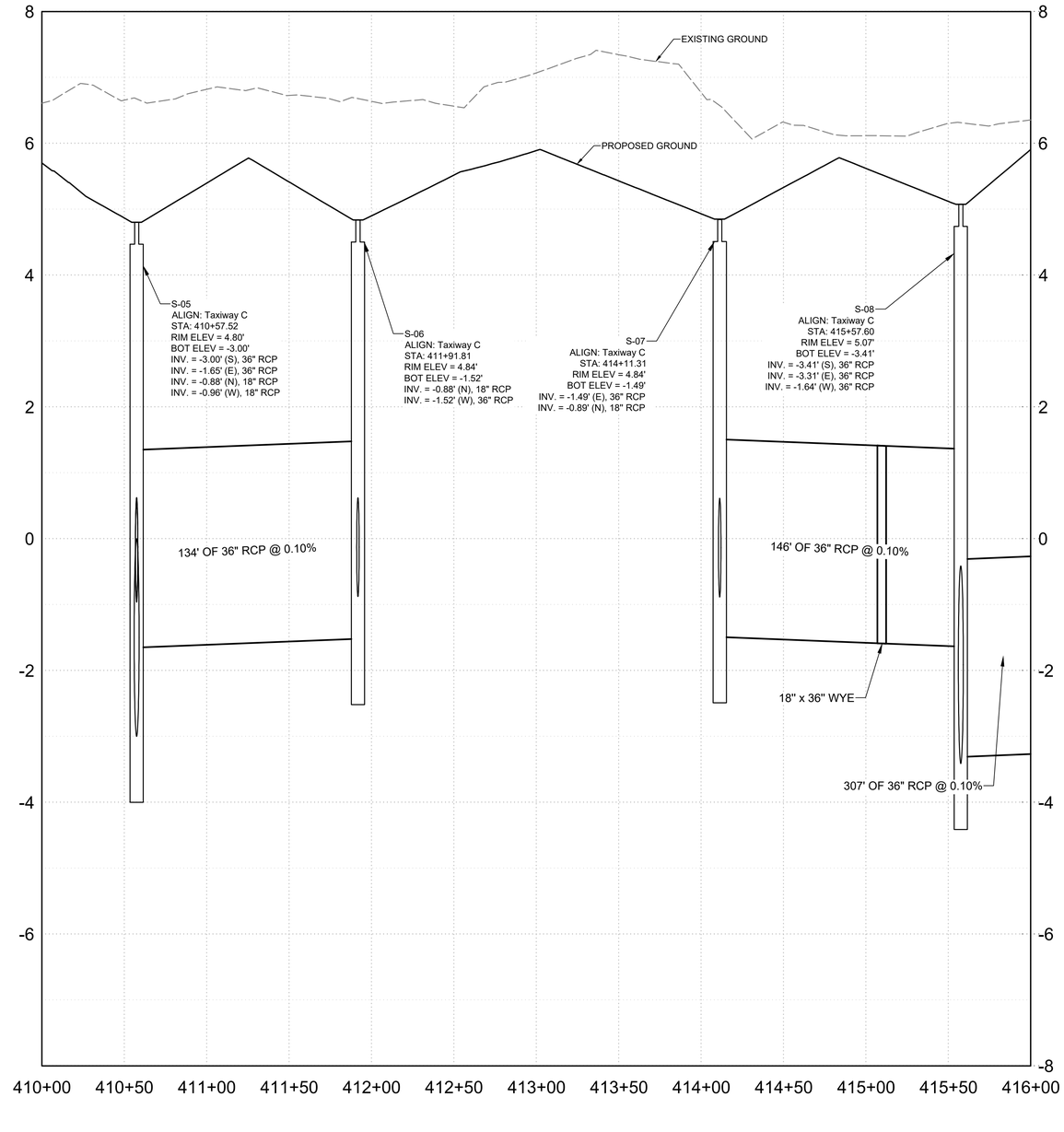
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AUTHOR: KELLY CARPENTER



1 PROFILE 1 - LENGTH OVER PIPE
HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



2 PROFILE 2 STA 404+00 TO 407+00
HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



3 PROFILE 3 STA 410+00 TO 416+00
HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

MARK	DESCRIPTION	DATE
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-	-	-
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-	-	-

LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY: E. GUEVARA	
DRAWN BY: K. CARPENTER	
CHECKED BY: M. ADEFE	
SUBMITTED BY: E. GUEVARA	

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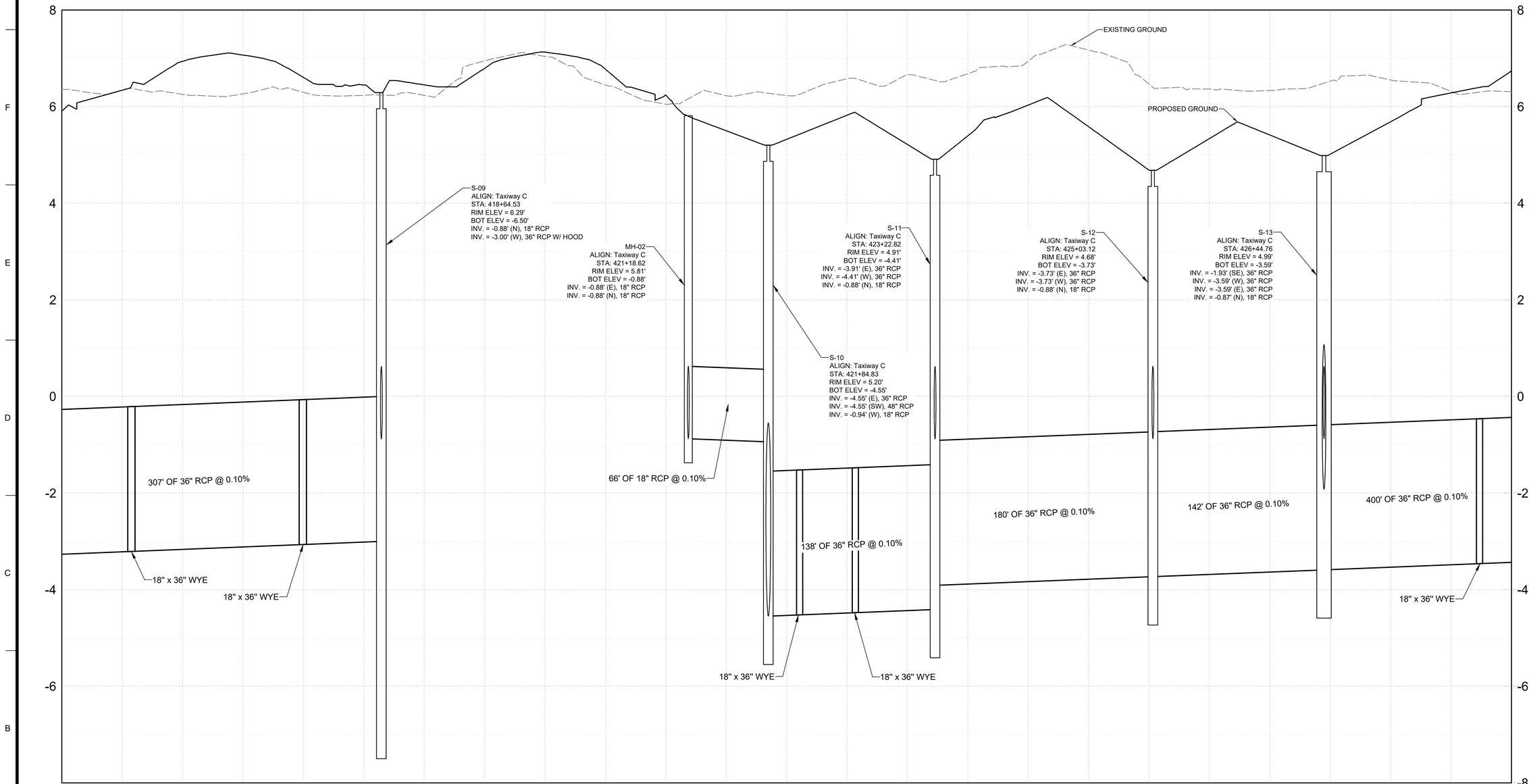
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8333 NW 53RD ST, SUITE 230
DORAL FL 33166
(305) 728-7452

DRAINAGE PROFILES

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-411

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PLOT DATE: 2024/11/21 AT 3:18 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



4 PROFILE 4 STA 416+00 TO 428+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEIFE
SUBMITTED BY: E. GUEVARA

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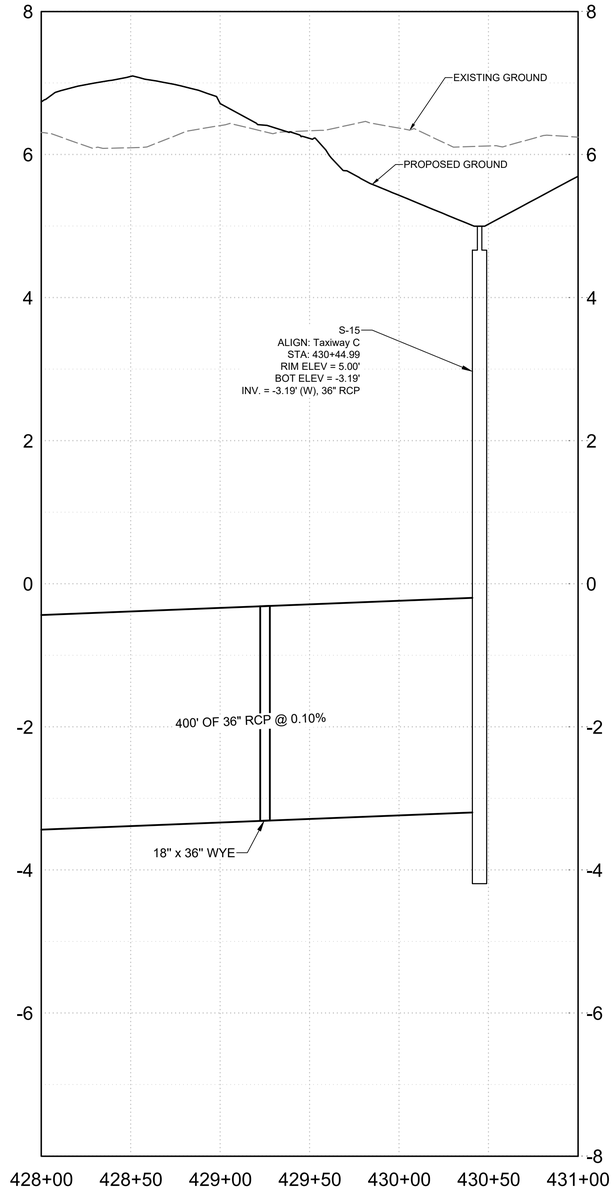
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DORAL, FL 33166
(305) 728-7452

DRAINAGE PROFILES

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MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

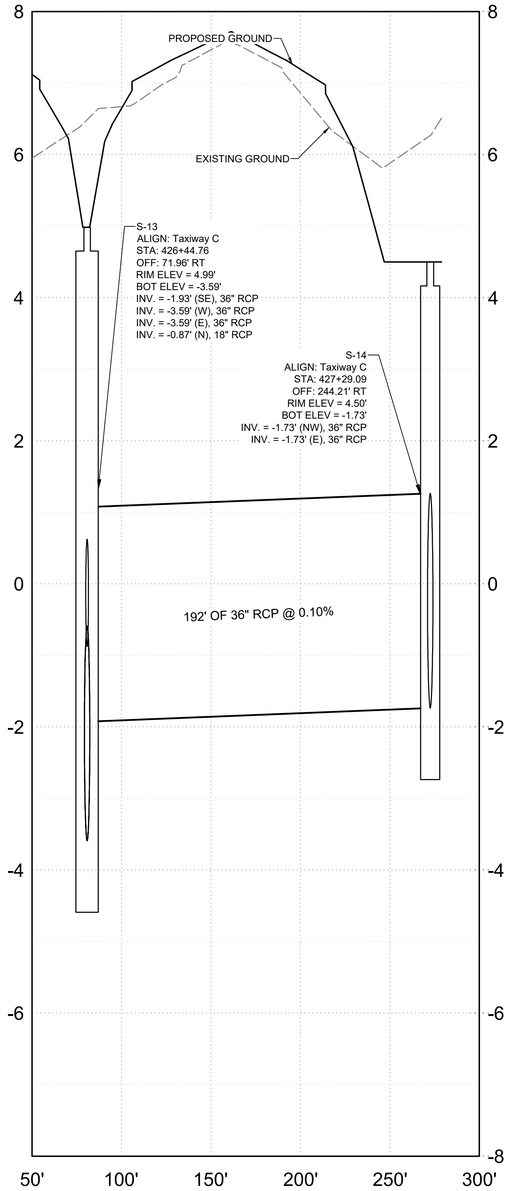
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AUTHOR: KELLY CARPENTER



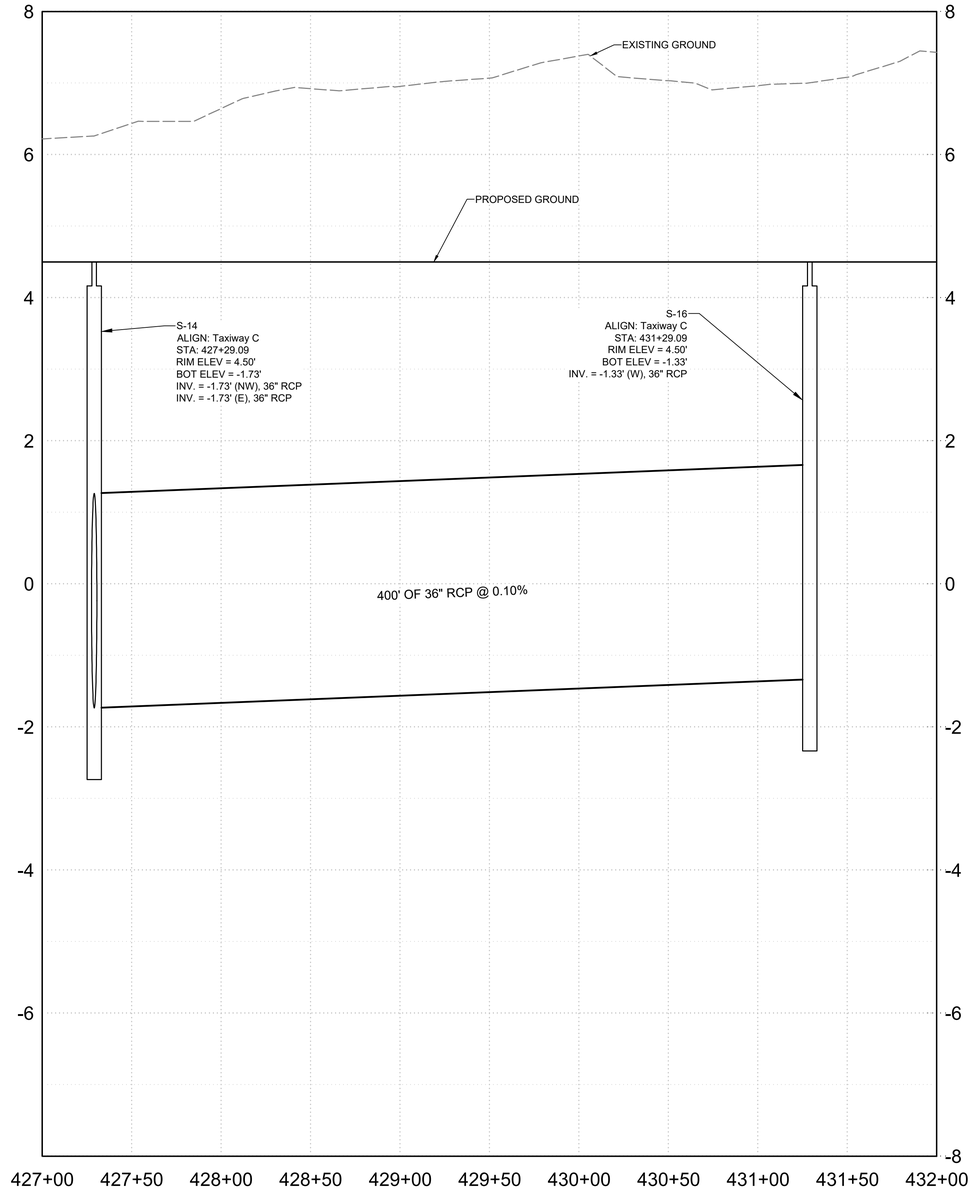
5 PROFILE 5 STA 428+00 TO 431+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



6 PROFILE 6 - LENGTH OVER PIPE

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



7 PROFILE 7 STA 427+00 TO 432+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

MARK	DESCRIPTION	DATE
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LICENSED PROFESSIONAL

ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
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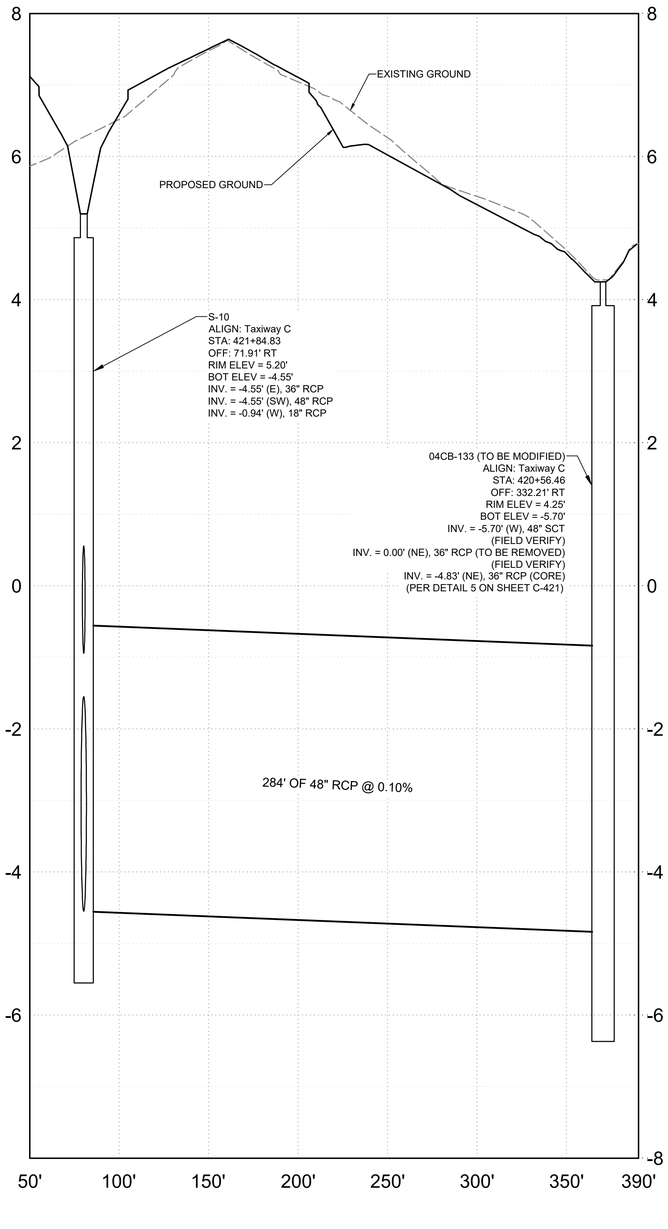
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MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

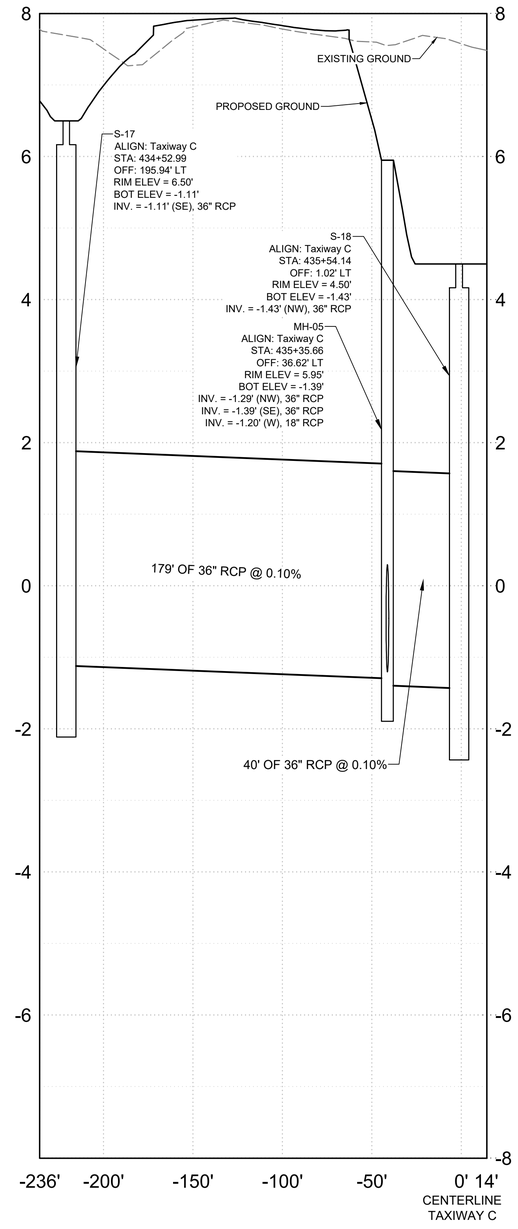
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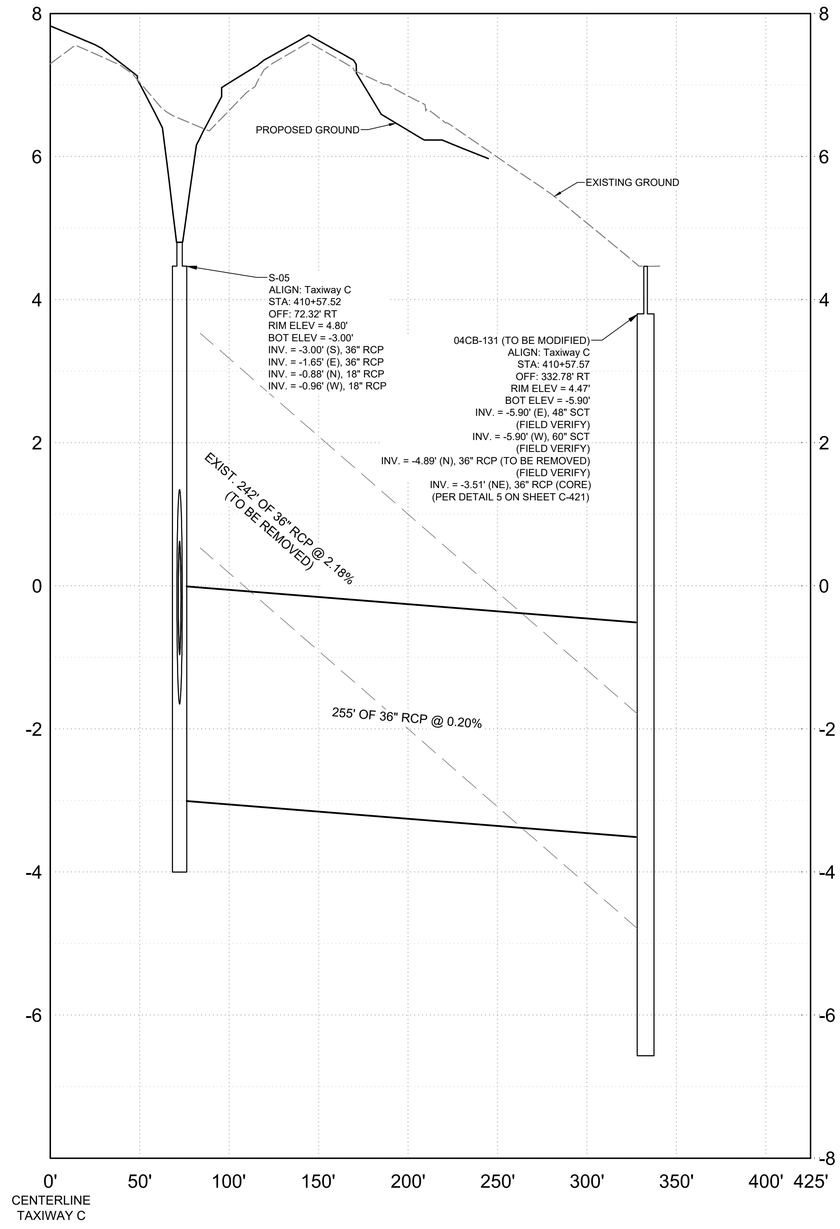
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AUTHOR: KELLY CARPENTER



8 PROFILE 8 - LENGTH OVER PIPE
HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



9 PROFILE 9 - LENGTH OVER PIPE
HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



10 PROFILE 10 - LENGTH OVER PIPE
HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

DESIGNED BY: E. GUEVARA	ISSUE DATE: 11/22/2024
DRAWN BY: K. CARPENTER	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: M. ADEIFE	
SUBMITTED BY: E. GUEVARA	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
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MIAMI, FLORIDA 33102-5504

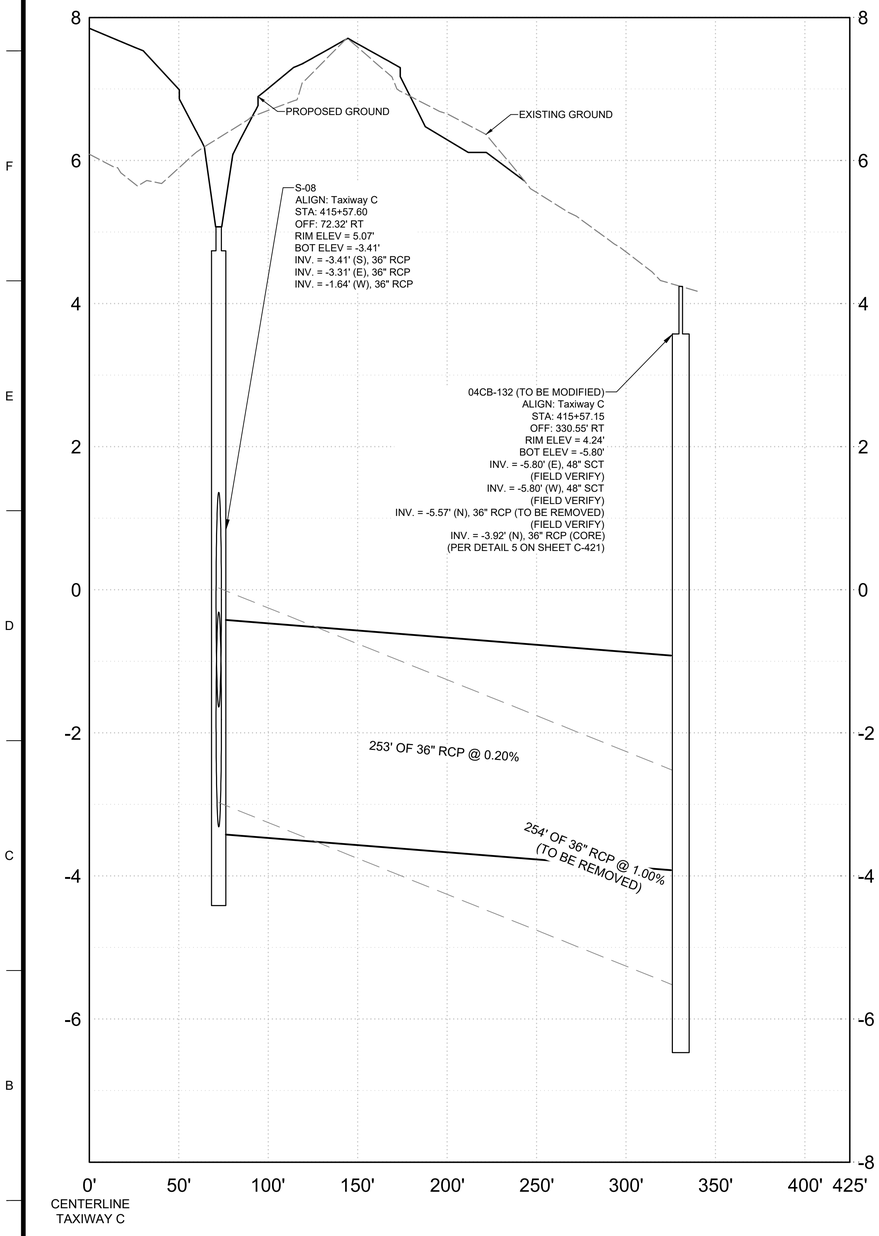
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(305) 728-7452

DRAINAGE PROFILES

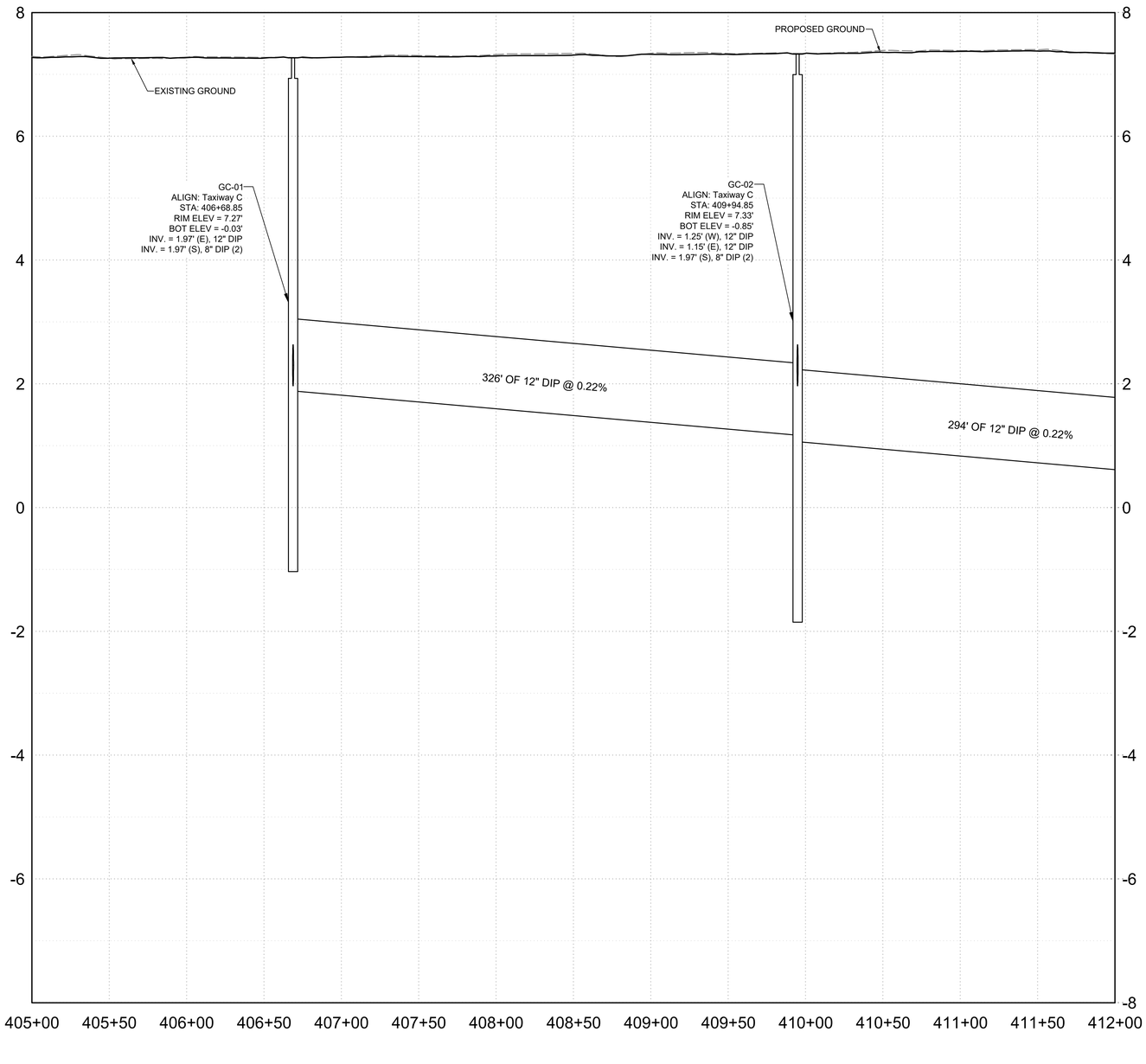
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MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-414

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AUTHOR: KELLY CARPENTER



11 PROFILE 11 - LENGTH OVER PIPE
HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



12 PROFILE 12 INDUSTRIAL DRAIN
HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

MARK	DESCRIPTION	DATE
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LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	E. GUEVARA
DRAWN BY:	K. CARPENTER
CHECKED BY:	M. ADEIFE
SUBMITTED BY:	E. GUEVARA

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

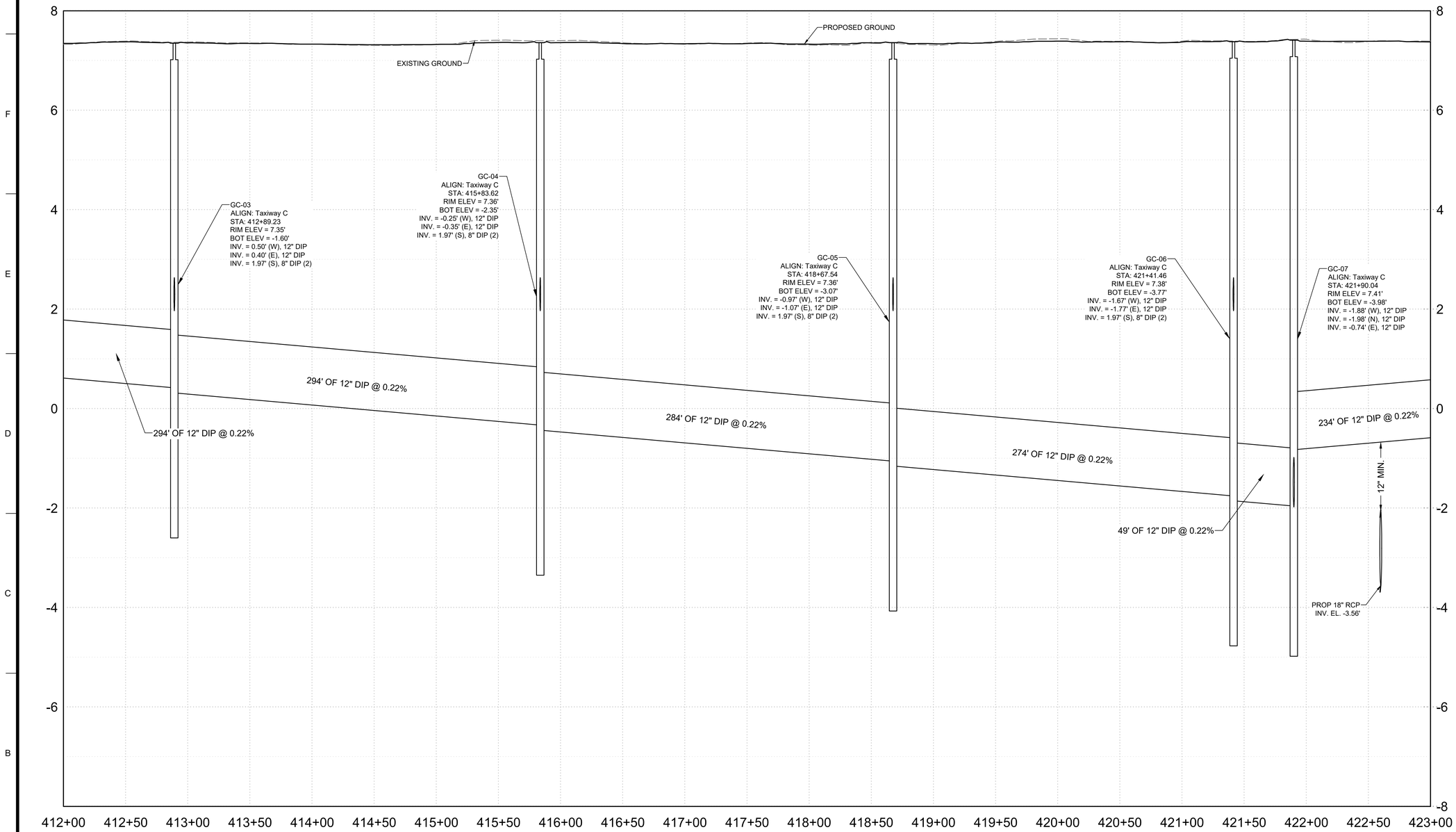
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DORAL, FL 33166
(305) 728-7452

DRAINAGE PROFILES

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-415

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381C-411.DWG
PLOT DATE: 2024/11/21 AT 3:19 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



13 PROFILE 13 INDUSTRIAL DRAIN

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEIFE
SUBMITTED BY: E. GUEVARA

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

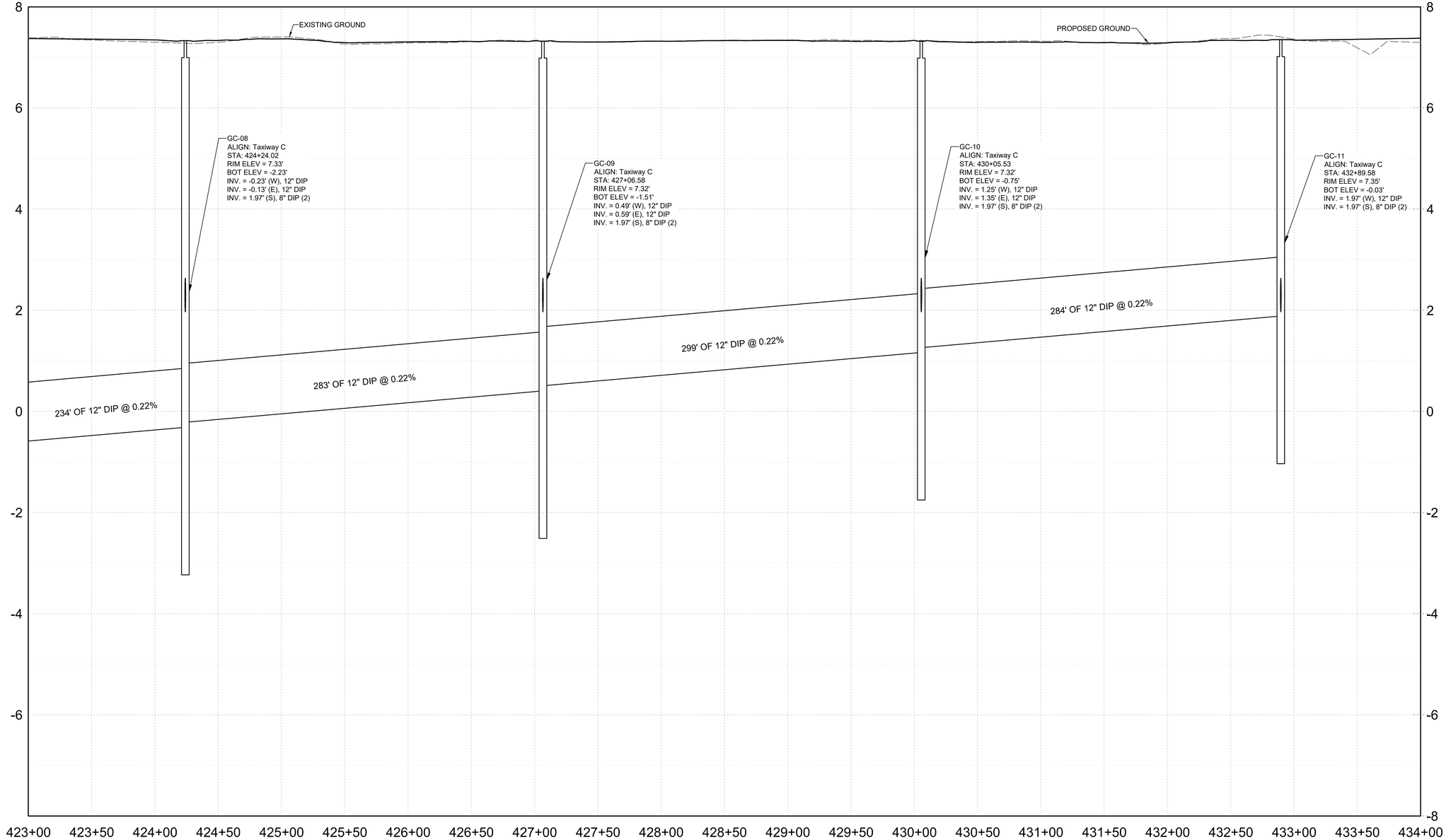
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DORAL, FL 33166
(305) 728-7452

DRAINAGE PROFILES

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-416

FILENAME: C:\PWWORKING\EAST01\D312362681\I0365381C-411.DWG
PLOT DATE: 2024/11/21 AT 3:19 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



14 PROFILE 14 INDUSTRIAL DRAIN

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

MARK	DESCRIPTION	DATE

LICENSED PROFESSIONAL

ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEIFE
SUBMITTED BY: E. GUEVARA

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

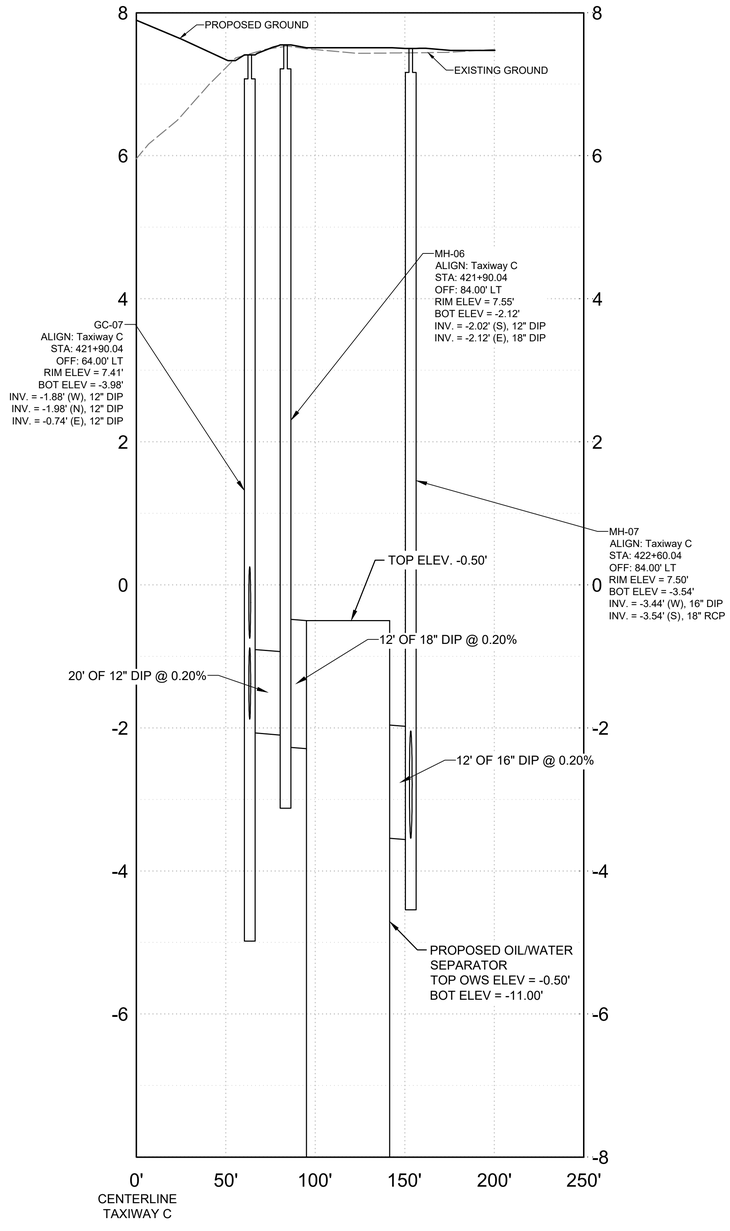
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

DRAINAGE PROFILES

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

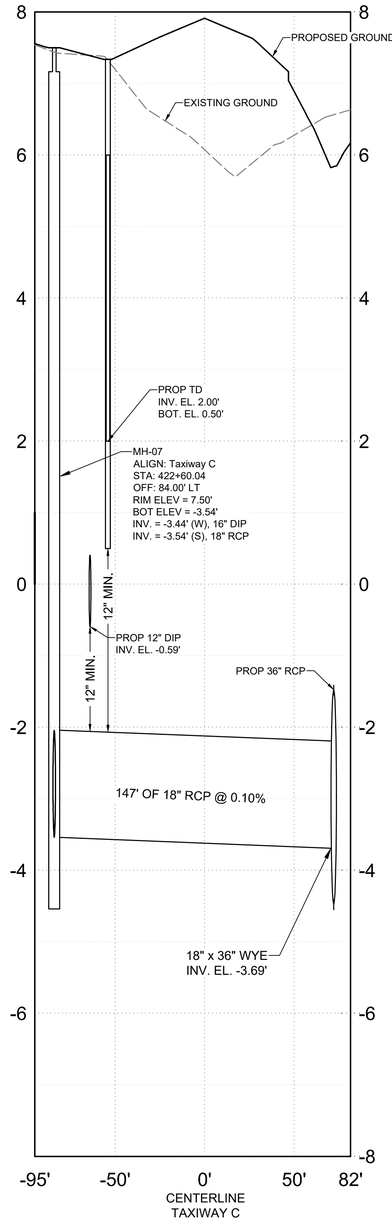
SHEET ID
C-417

FILENAME: C:\PWWORKING\EAST01\D3123628\103653\81C-411.DWG
PLOT DATE: 2024/11/21 AT 3:19 PM LOCAL TIME
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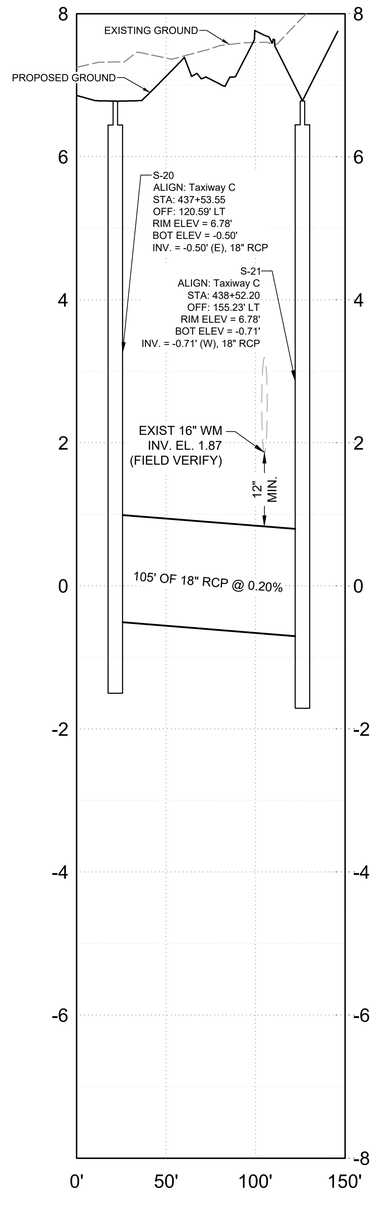
15 PROFILE 15 INDUSTRIAL DRAIN

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



16 PROFILE 16 LENGTH OVER PIPE

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



17 PROFILE 17 LENGTH OVER PIPE

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

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FL PE NO.: 94538
DATE:

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PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY: E. GUEVARA	
DRAWN BY: K. CARPENTER	
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SUBMITTED BY: E. GUEVARA	

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MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

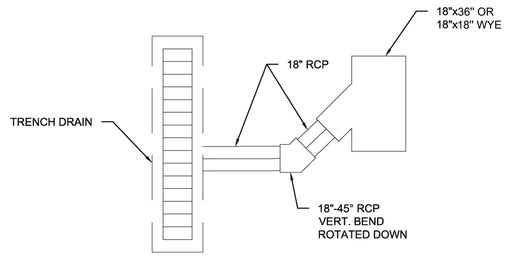
DRAINAGE PROFILES

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

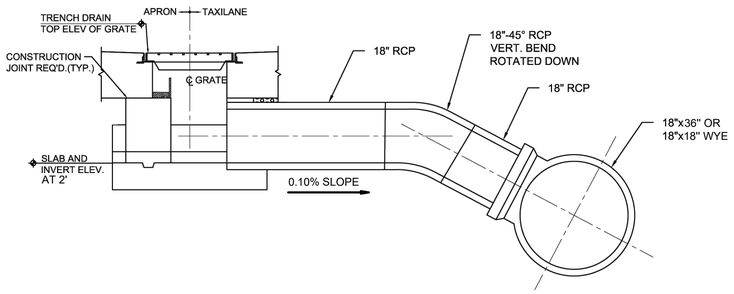
SHEET ID

C-418

FILENAME: C:\PWWORKING\EAST01\D3123426\10365361\C-411.DWG
PLOT DATE: 2024/11/21 AT 3:19 PM LOCAL TIME
AUTHOR: KELLY CARPENTER



1 INDUSTRIAL WASTE TRENCH DRAIN PLAN AT RCP OUTFALL PIPE
N.T.S.

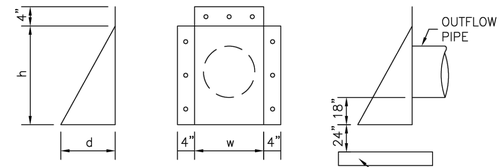


2 INDUSTRIAL WASTE TRENCH DRAIN SECTION AT RCP OUTFALL PIPE
N.T.S.

TABLE – B – HOOD DIMENSIONS

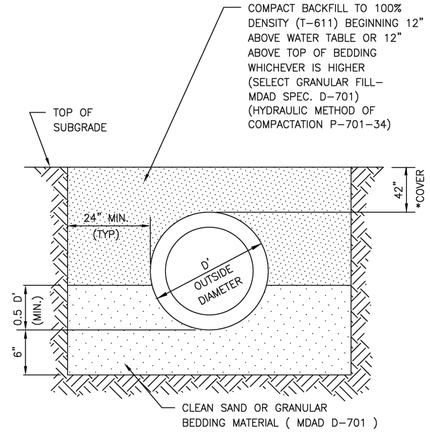
OUTFLOW PIPE		HOOD			
I.D. (INCHES)	AREA (S.F.)	AREA (S.F.)	w (INCHES)	d (INCHES)	h (INCHES)
15	1.2	2.1	30	10	40
18	1.8	3.0	36	12	44
21 & 24	3.2	4.2	40	15	50
27 & 30	4.9	6.9	50	20	58
36	7.1	10.0	60	24	64
42 & 48	12.6	16.7	70	30	76

NOTE: 24 I.D. PIPE AND SMALLER – 12 GAUGE
OVER 24" I.D. PIPE OUTFALL – 10 GAUGE



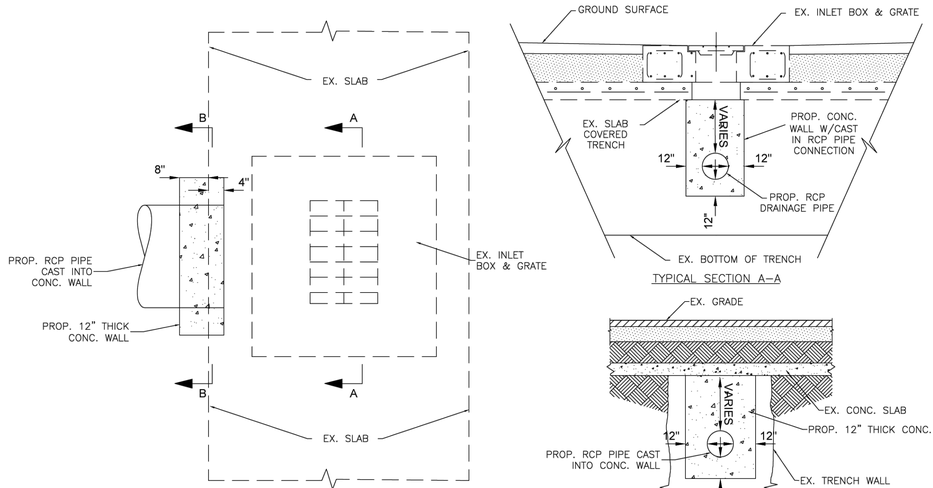
SIDE ELEVATION N.T.S. FRONT ELEVATION N.T.S.
ASTM A–167 TYPE 316 STAINLESS STEEL SHEET

3 HOOD DIMENSIONS
N.T.S.



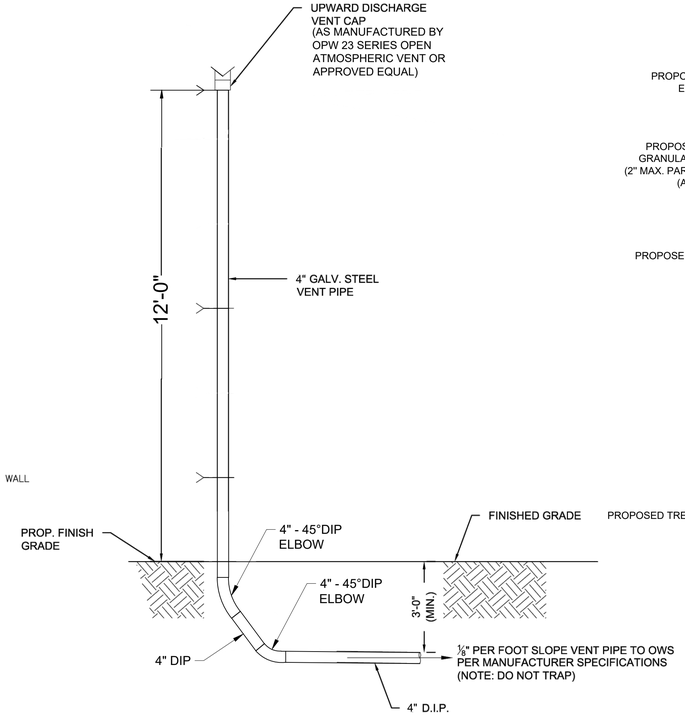
PIPE BEDDING DETAIL

4 PIPE BEDDING DETAIL
N.T.S.



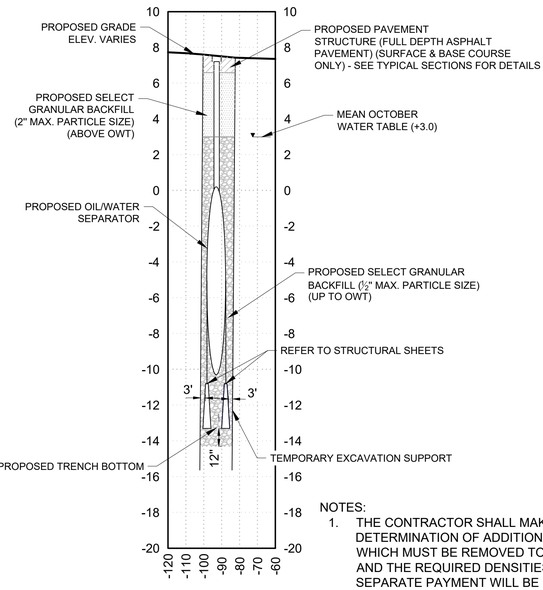
NOTE:
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI @ 28 DAYS.
2. REINFORCING STEEL AND CONCRETE SHALL BE PER MDAD P–610 & D–751.

5 PROPOSED DRAINAGE PIPE CONNECTION TO RUNNING SLAB COVERED TRENCH INLETS
N.T.S.



6 OIL WATER SEPARATOR VENT DETAIL
N.T.S.

NOTES:
1. REFER TO SHEET S-102 FOR VENT PIPE SUPPORT STRUCTURAL DETAILS



A C-403 SECTION
SCALE: 1"=40'

NOTES:
1. THE CONTRACTOR SHALL MAKE THEIR OWN DETERMINATION OF ADDITIONAL MATERIALS, IF ANY WHICH MUST BE REMOVED TO OBTAIN STABILIZATION AND THE REQUIRED DENSITIES IN SUBGRADE. NO SEPARATE PAYMENT WILL BE MADE FOR REMOVAL, MANIPULATION, AND COMPACTION OF SUBGRADE MATERIAL. ALL COSTS INCIDENTAL THERETO, IF ANY, FOR SAID MANIPULATION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE OIL WATER SEPERATOR.

MARK | DESCRIPTION | DATE

LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEFE
SUBMITTED BY: E. GUEVARA

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MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

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8333 NW 53RD ST, SUITE 230
DORAL FL 33166
(305) 728-7452

DRAINAGE DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-421

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381\C-421.DWG
PLOT DATE: 2024/11/20 AT 2:00 PM LOCAL TIME
AUTHOR: KELLY CARPENTER

GENERAL SPECIFICATIONS

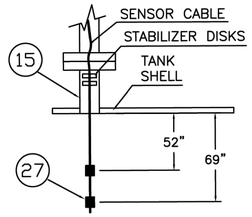
NO. REQ'D: (1)
CAPACITY: 25,000 GALLONS
TYPE: HTC-G, HIGHGUARD, DW TYPE I 360 *OR APPROVED EQUIVALENT*
MATERIAL: MILD CARBON STEEL
FLOW RATE: 2,300 GPM
GAUGE: BASED ON 96" MAX BURIAL/AIRCRAFT LOADING

	INNER	OUTER
SHEEL-	1/2"	1/4"
HEADS-	1/2"	1/4"

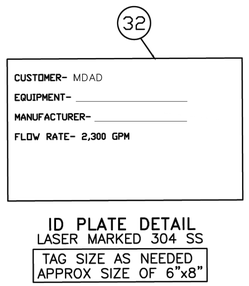
SURFACE PREP:
SSPC NO.6 BLAST ALL EXTERIOR SURFACES
SSPC NO.10 BLAST ALL INTERIOR SURFACES

COATING:	**MATERIAL**	**THICKNESS**
EXTERIOR-	HIGHGUARD	(75 MILS)
INTERIOR-	CHEMLINE 4200 PW	(15 MILS)

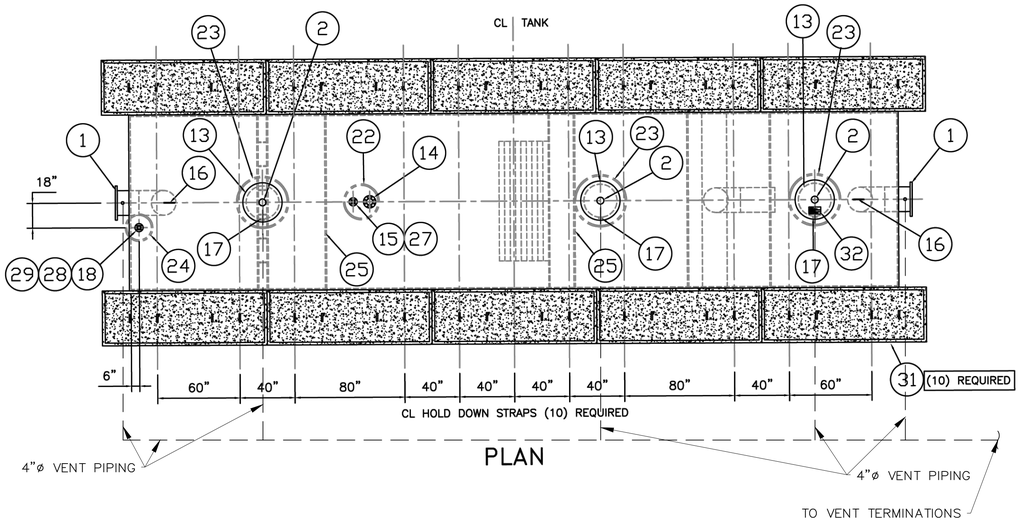
CONSTRUCTION :
LAP FIT & WELD ALL EXTERIOR SEAMS
OPERATING PRESSURE: ATMOSPHERIC



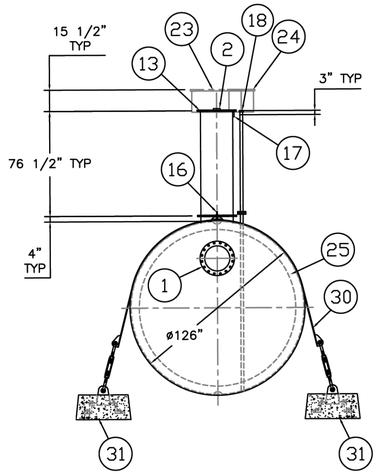
INTERFACE SENSOR FLOAT POSITION
HTSF 2B–149.5E–132.5E/69



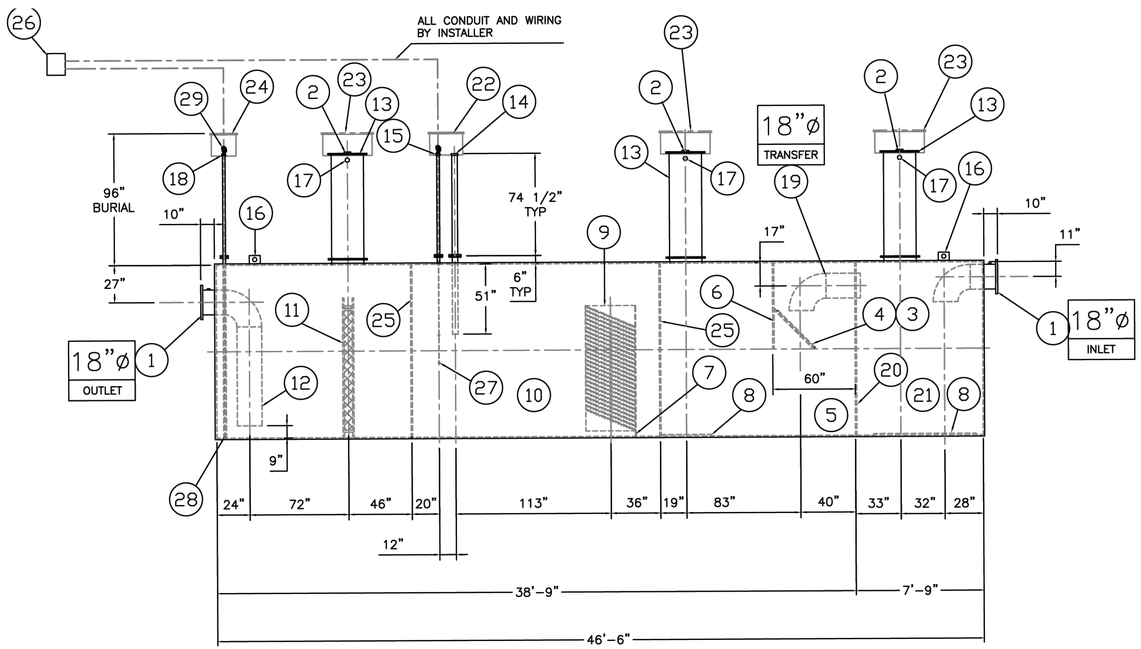
ID PLATE DETAIL
LASER MARKED 304 SS
TAG SIZE AS NEEDED
APPROX SIZE OF 6"x8"



PLAN



END VIEW



ELEVATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE + OR - 1"

MINIMUM EQUIPMENT TO BE PROVIDED

1. 150# R.F.S.O. FLANGE W/ 2" FNPT FOR VENT
2. 4"Ø FNPT FOR GAUGE WITH PLUG
3. VELOCITY HEAD DIFFUSION BAFFLE
4. WEAR PLATE
5. SEDIMENT CHAMBER
6. UNDERFLOW BAFFLE
7. SLUDGE BAFFLE
8. STRIKER PLATES
9. PARALLEL CORRUGATED PLATE COALESCER. CORELLA PVC PLATES (3" PLATE SPACING)
10. OIL/WATER SEPARATOR CHAMBER
11. 6" THICK PETROSCREEN CARTRIDGE COALESCER INSTALLED W/ ROD SHIPPED LOOSE
12. STEEL OUTLET DOWNCOMER
13. 24"Ø MANWAY WITH BOLT-ON EXTENSION SHIPPED LOOSE
14. 4"Ø 150# RFSO FLANGE FOR OIL PUMP-OUT WITH INTERNAL PVC PIPE INSTALLED. RISER PIPE W/ CPLG ON TOP SHIPPED LOOSE
15. 2"Ø 150# RFSO FLANGE FOR LEVEL SENSOR. RISER PIPE WITH CPLG ON TOP SHIPPED LOOSE
16. LIFTING LUG
17. 2"Ø FNPT FOR VENT
18. 2"Ø 150# RFSO FLANGE FOR LEAK SENSOR. RISER PIPE WITH CPLG ON TOP SHIPPED LOOSE
19. STEEL TRANSFER PIPING
20. 7 GA. BULKHEAD
21. SLUDGE CHAMBER
22. GLM-24 AIRCRAFT RATE ROUND GRADE LEVEL MANWAY. SEE ADDITIONAL NOTE 2
23. GLM-36 AIRCRAFT RATED ROUND GRADE LEVEL MANWAY. SEE ADDITIONAL NOTE 2
24. GLM-18 AIRCRAFT RATED ROUND GRADE LEVEL MANWAY. SEE ADDITIONAL NOTE 2
25. 6"x1/2" SHELL STIFFENER W/ FLOW HOLES IN TOP AND BOTTOM (2) REQUIRED
26. CC-HT-A2 ALARM PANEL 120V,60HZ,1PH,STD.
27. HTSF-2 FLOAT INTERFACE SENSOR W/ NEMA 4 CAP
28. HTLP 1.5 LIQUID ONLY LEAK SENSOR W/ 15' CABLE
29. HTSC-2B NEMA 4 CAP FOR LEAK SENSOR
30. STEEL DEADMAN HOLD DOWN STRAP W/ TURNBUCKLES, SAFETY DESIGN, AND LINERS SHIPPED LOOSE. (10) REQUIRED
31. CDA-45 CONCRETE DEADMAN. (10) REQUIRED
32. OWS ID PLATE (LASER MARKED 304 STAINLESS STEEL) ATTACHED BY ADHESIVE STRIPS

(6) 24" FIBREFLEX MANWAY GASKETS
(6) SETS OF NUTS/BOLTS/WASHERS FOR 24" MANWAY
(1) 4" NEOPRENE FLANGE GASKET
(1) SET OF NUTS/BOLTS/WASHERS FOR 4" FLANGE
(2) 2" NEOPRENE FLANGE GASKETS
(2) SETS OF NUTS/BOLTS/WASHERS FOR 2" FLANGE

NOTES

1. POLYURETHANE HIGHGUARD TANK IS NOT APPROVED FOR THE STORAGE OF HEATED PRODUCTS
2. 15000 VOLT SPARK TEST PROVIDED AT FACTORY

ADDITIONAL NOTES

1. SEPARATOR MUST BE FILLED WITH CLEAN WATER PRIOR TO BEING PUT INTO SERVICE USING A MINIMUM 2-INCH HOSE
2. MANWAY GRADES BOXES SHALL BE AIRCRAFT RATED (280 PSI)
3. SEPARATOR SHALL BE FILLED WITH CLEAN FRESH WATER AS SOON AS POSSIBLE AFTER INSTALLATION
4. TANK SHALL BE DESIGNED FOR LOADS INDUCED BY TANK BURIAL DEPTH AND AIRCRAFT LOADS
5. VENT PIPING - INLET AND OUTLET MUST BE VENTED SEPARATELY. MANWAY VENT PIPING MAY BE MANIFOLDED TOGETHER. ALL VENT PIPING TO BE PROPOSED BY CONTRACTOR.
6. MANWAY SIZE AND EXTENSIONS VARY WITH SEPARATOR BURIAL DEPTH AND PUMP SIZE. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF MANWAY SIZE AND DIMENSIONS FOR THE A/E AND MDAD'S APPROVAL.
7. ALL REQUIRED EQUIPMENT SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR EXCEPT WHERE INDICATED OTHERWISE
8. THE CONTRACTOR SHALL RETAIN A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF FLORIDA TO PROVIDE SIGNED AND SEALED STRUCTURAL AND BUOYANCY CALCULATIONS AND PLANS THAT INDICATE THAT THE STRUCTURE IS IN CONFORMANCE WITH THE FLORIDA BUILDING CODE.
9. OIL WATER SEPARATOR SHALL MEET ALL THE REQUIREMENTS OF MDAD SPEC. SECTION D-755. OIL WATER SEPARATOR
10. THE CONTRACTOR SHALL SUBMIT COMPLETE SHOP DRAWINGS (SIX (6) SETS) FOR APPROVAL OF THE A/E AND MDAD PRIOR TO COMMENCING CONSTRUCTION. SHOP DRAWINGS SHALL INCLUDE PUMPS, CONTROL PANEL, CONTROL PANEL WIRING, CONCRETE DEADMAN, HIGH LEVEL AND LEAK DETECTION AND ALL REQUIRED SYSTEM COMPONENTS

MARK	DESCRIPTION	DATE

LICENSED PROFESSIONAL
ELIAS A. I. GUEVARA
FL PE NO.: 94538
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: E. GUEVARA
DRAWN BY: K. CARPENTER
CHECKED BY: M. ADEIFE
SUBMITTED BY: E. GUEVARA

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

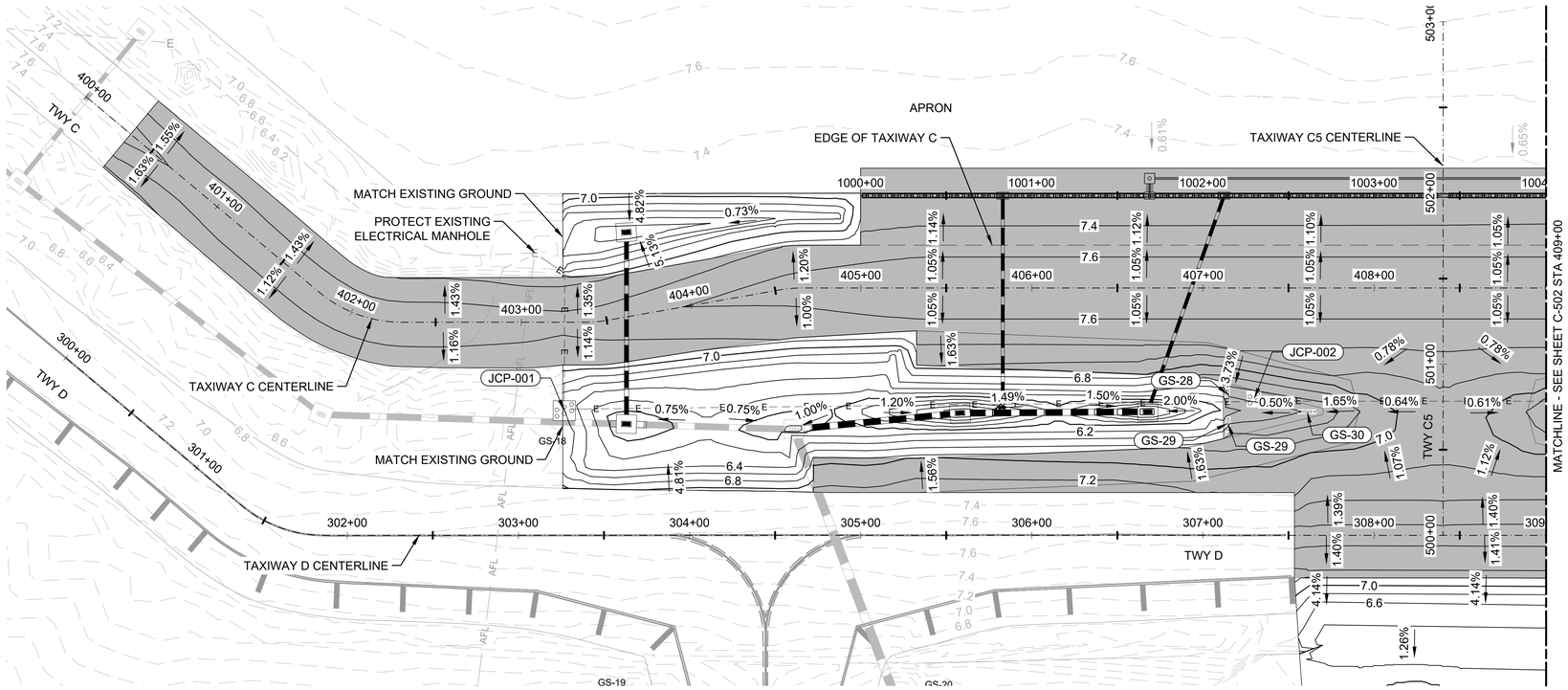
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8333 NW 53RD STREET 230
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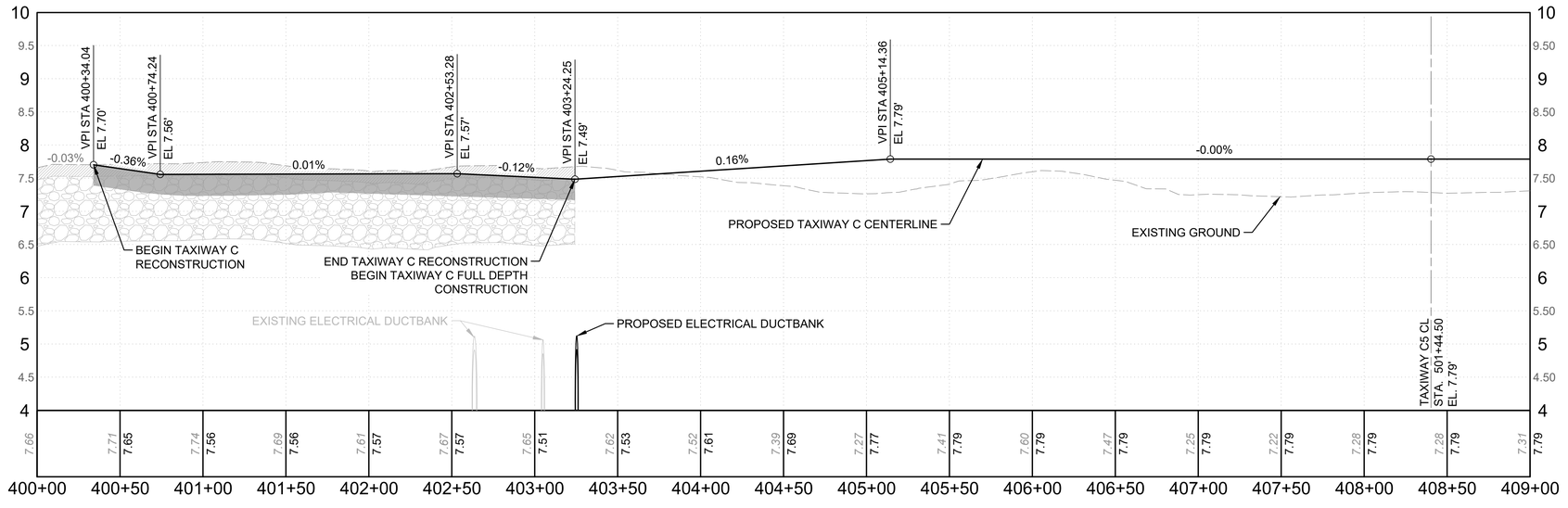
DRAINAGE DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-422

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381C-421.DWG
PLOT DATE: 2024/11/20 AT 2:00 PM LOCAL TIME
AUTHOR: KELLY CARPENTER





1 PROP. TAXIWAY C PROFILE STA 400+00 TO 409+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

LEGEND

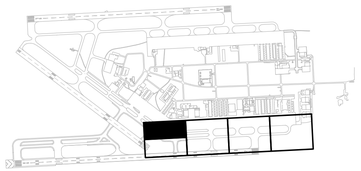
- PROPOSED PAVEMENT (SEE GEOMETRY SHEETS FOR MORE INFORMATION ON PAVEMENT SECTIONS)
- PROPOSED OWS TOP SLAB (SEE DETAIL 1 ON SHEET S-102 FOR MORE INFORMATION)
- X.XX — PROPOSED 1.0 MAJOR CONTOUR
- X.XX — PROPOSED 0.2 MINOR CONTOUR
- X.XX — EXISTING 0.2 CONTOUR
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- PROPOSED TRENCH DRAIN
- E — PROPOSED ELECTRICAL DUCT
- E — EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

NOTES

1. FOR TAXIWAY CONNECTOR CENTERLINE CURVE DATA, SEE PROFILES ON SHEETS C-510 THRU C-511.
2. SEE PAVEMENT ELEVATION SHEETS C-601 THRU C-608 FOR MORE DETAILED INFORMATION ON PAVEMENT GRADING.
3. FOR CROSS SECTIONS, SEE SHEETS C-701 THRU C-704 AND X-101 THRU X-139.
4. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SITE IN ACCORDANCE WITH THE SWPP. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SOD AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE RPR.
5. CONTRACTOR SHALL SEQUENCE WORK SO THAT AREAS OF STANDING WATER ARE NOT CREATED.

ELECTRICAL STRUCTURE TABLE	
NAME	ELEVATION
GS-28	6.40'
GS-29	6.35'
GS-30	6.45'
JCP-001	6.61'
JCP-002	6.45'

KEY MAP



N

40' 0' 40' 80'

GRAPHIC SCALE (IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

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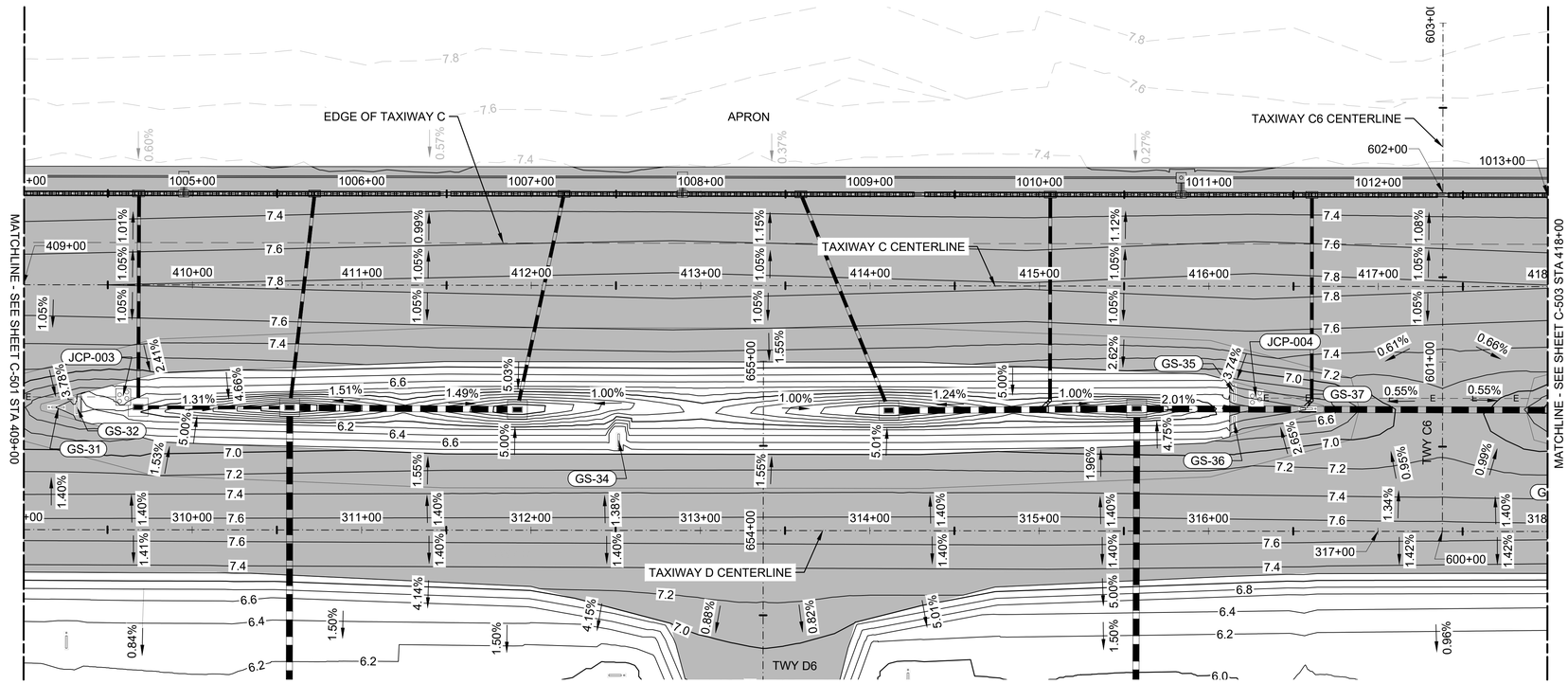
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8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
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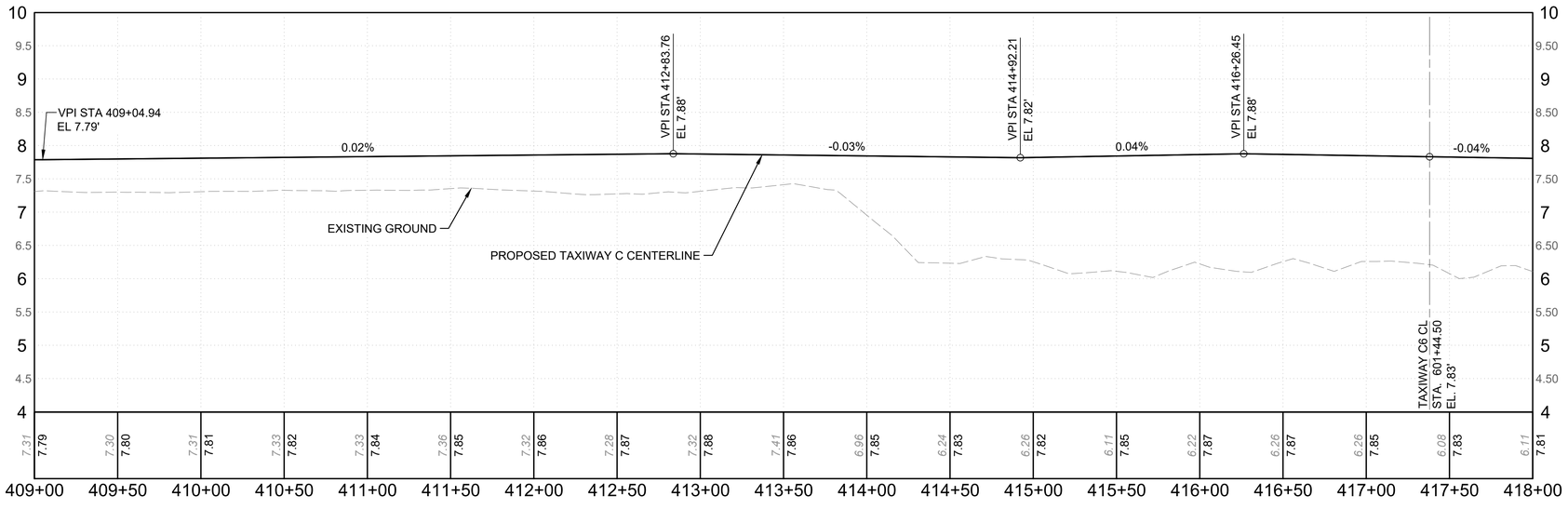
GRADING PLAN & PROFILE TWY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-501

FILENAME: C:\PWWORKING\EAST01\D312362610365381C-501.DWG
PLOT DATE: 2025/05/21 AT 12:41 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





1 PROP. TAXIWAY C PROFILE STA 409+00 TO 418+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

GRAPHIC SCALE (IN FEET): 40' 0' 40' 80'

LEGEND

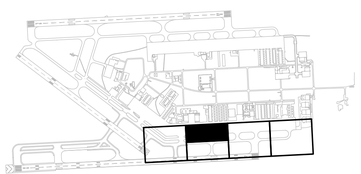
- PROPOSED PAVEMENT (SEE GEOMETRY SHEETS FOR MORE INFORMATION ON PAVEMENT SECTIONS)
- PROPOSED OWS TOP SLAB (SEE DETAIL 1 ON SHEET S-102 FOR MORE INFORMATION)
- X.XX — PROPOSED 1.0 MAJOR CONTOUR
- X.XX — PROPOSED 0.2 MINOR CONTOUR
- X.XX — EXISTING 0.2 CONTOUR
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
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- E — PROPOSED ELECTRICAL DUCT
- E — EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

NOTES

1. FOR TAXIWAY CONNECTOR CENTERLINE CURVE DATA, SEE PROFILES ON SHEETS C-510 THRU C-511.
2. SEE PAVEMENT ELEVATION SHEETS C-601 THRU C-608 FOR MORE DETAILED INFORMATION ON PAVEMENT GRADING.
3. FOR CROSS SECTIONS, SEE SHEETS C-701 THRU C-704 AND X-101 THRU X-139.
4. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SITE IN ACCORDANCE WITH THE SWPP. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SOD AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE RPR.
5. CONTRACTOR SHALL SEQUENCE WORK SO THAT AREAS OF STANDING WATER ARE NOT CREATED.

ELECTRICAL STRUCTURE TABLE	
NAME	ELEVATION
GS-31	6.39'
GS-32	6.28'
GS-34	6.80'
GS-35	6.44'
GS-36	6.38'
GS-37	6.43'
JCP-003	6.47'
JCP-004	6.43'

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

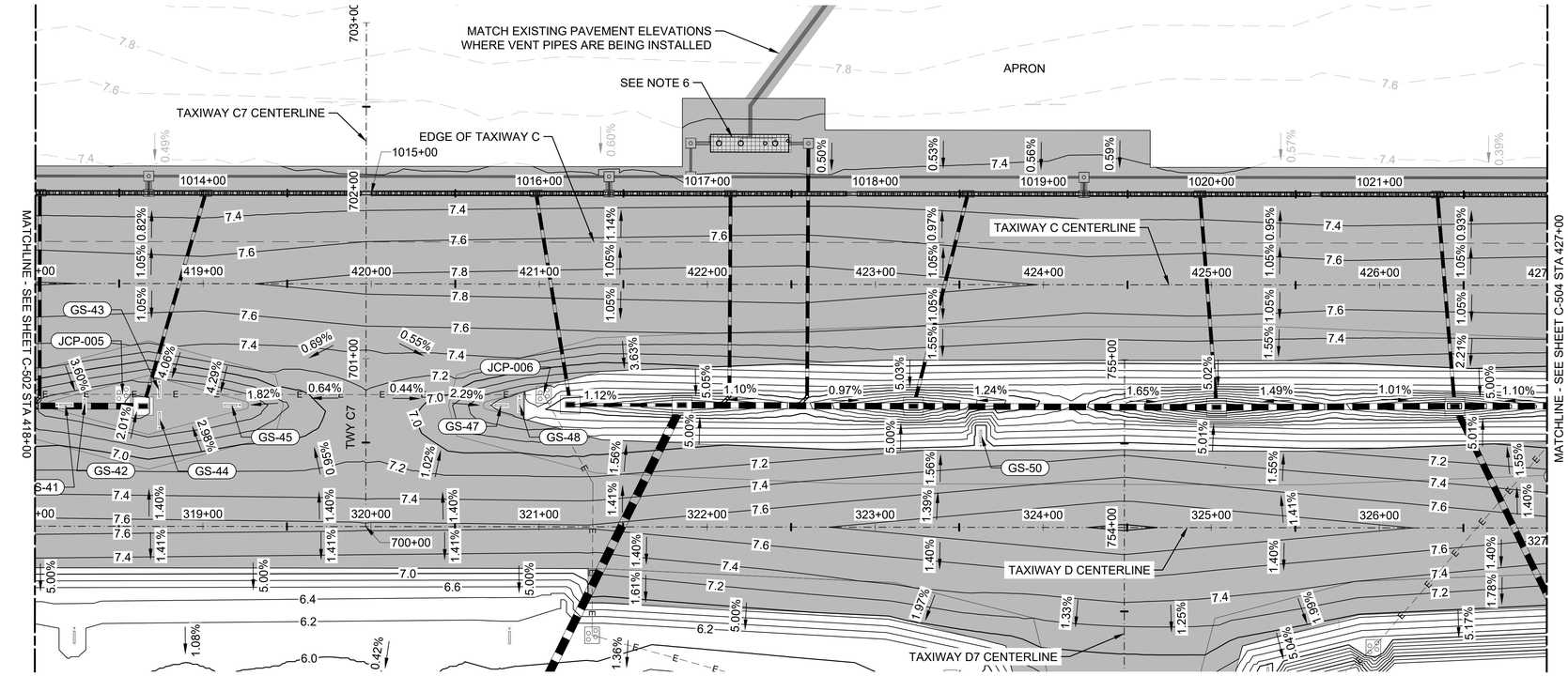
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

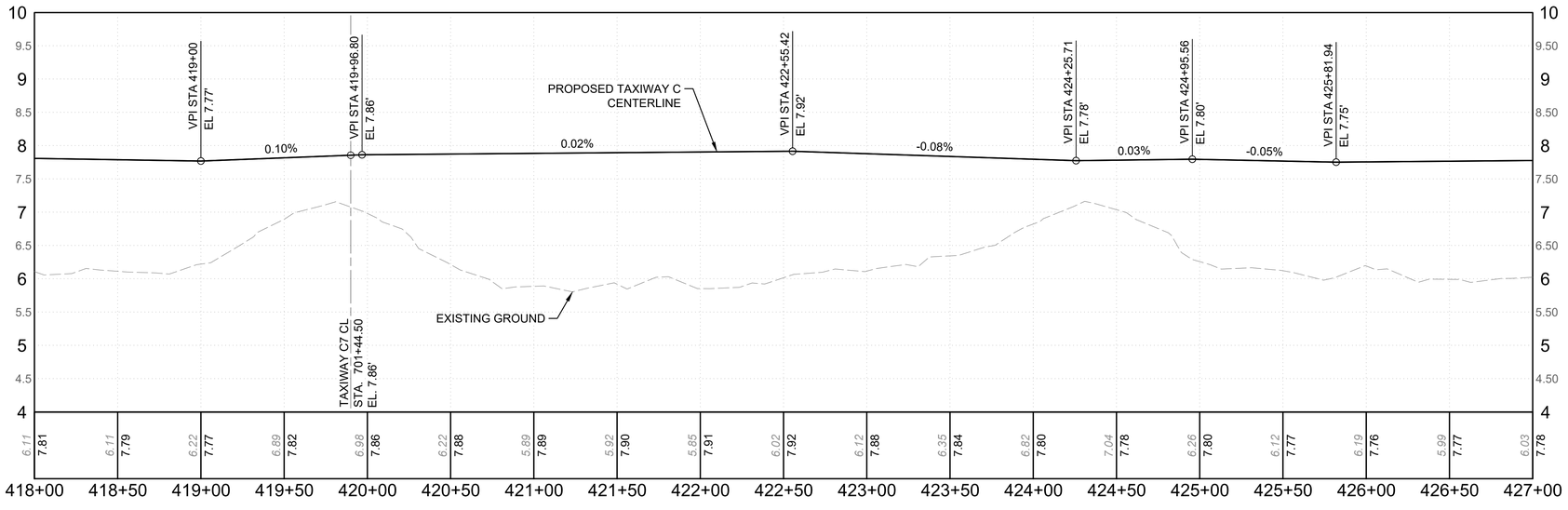
GRADING PLAN & PROFILE TWY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-502

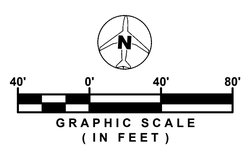
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PLOT DATE: 2025/05/21 AT 12:42 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





1 PROP. TAXIWAY C PROFILE STA 418+00 TO 427+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



LEGEND

- PROPOSED PAVEMENT (SEE GEOMETRY SHEETS FOR MORE INFORMATION ON PAVEMENT SECTIONS)
- PROPOSED OWS TOP SLAB (SEE DETAIL 1 ON SHEET S-102 FOR MORE INFORMATION)
- X.XX — PROPOSED 1.0 MAJOR CONTOUR
- X.XX — PROPOSED 0.2 MINOR CONTOUR
- X.XX — EXISTING 0.2 CONTOUR
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- PROPOSED TRENCH DRAIN
- E — PROPOSED ELECTRICAL DUCT
- E — EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

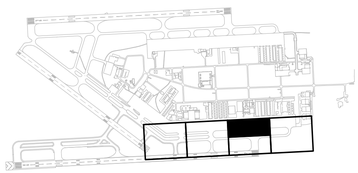
NOTES

1. FOR TAXIWAY CONNECTOR CENTERLINE CURVE DATA, SEE PROFILES ON SHEETS C-510 THRU C-511.
2. SEE PAVEMENT ELEVATION SHEETS C-601 THRU C-608 FOR MORE DETAILED INFORMATION ON PAVEMENT GRADING.
3. FOR CROSS SECTIONS, SEE SHEETS C-701 THRU C-704 AND X-101 THRU X-139.
4. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SITE IN ACCORDANCE WITH THE SWPP. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SOD AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE RPR.
5. CONTRACTOR SHALL SEQUENCE WORK SO THAT AREAS OF STANDING WATER ARE NOT CREATED.
6. DUE TO THE DEPTH OF EXCAVATION TO INSTALL THE OIL WATER SEPARATOR, CONTRACTOR MAY BE REQUIRED TO EXCAVATE THE EXISTING NATURAL LIMESTONE FORMATION DUE TO THE RELATIVELY HIGH STRENGTH OF THE ROCK LAYER. ANY SPECIAL EQUIPMENT REQUIRED FOR THE EXCAVATION AND REMOVAL OF THE NATURAL LIMESTONE FORMATION SHALL BE INCIDENTAL TO THE P-755-5.1 LINE ITEM.

ELECTRICAL STRUCTURE TABLE	
NAME	ELEVATION
GS-41	6.46'
GS-42	6.42'
GS-43	6.54'
GS-44	6.54'
GS-45	6.41'
GS-47	6.35'

ELECTRICAL STRUCTURE TABLE	
NAME	ELEVATION
GS-48	6.28'
GS-50	7.05'
JCP-005	6.43'
JCP-006	6.34'

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI	CHECKED BY: W. BOWDOIN
DRAWN BY: S. TOLLETTE	SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

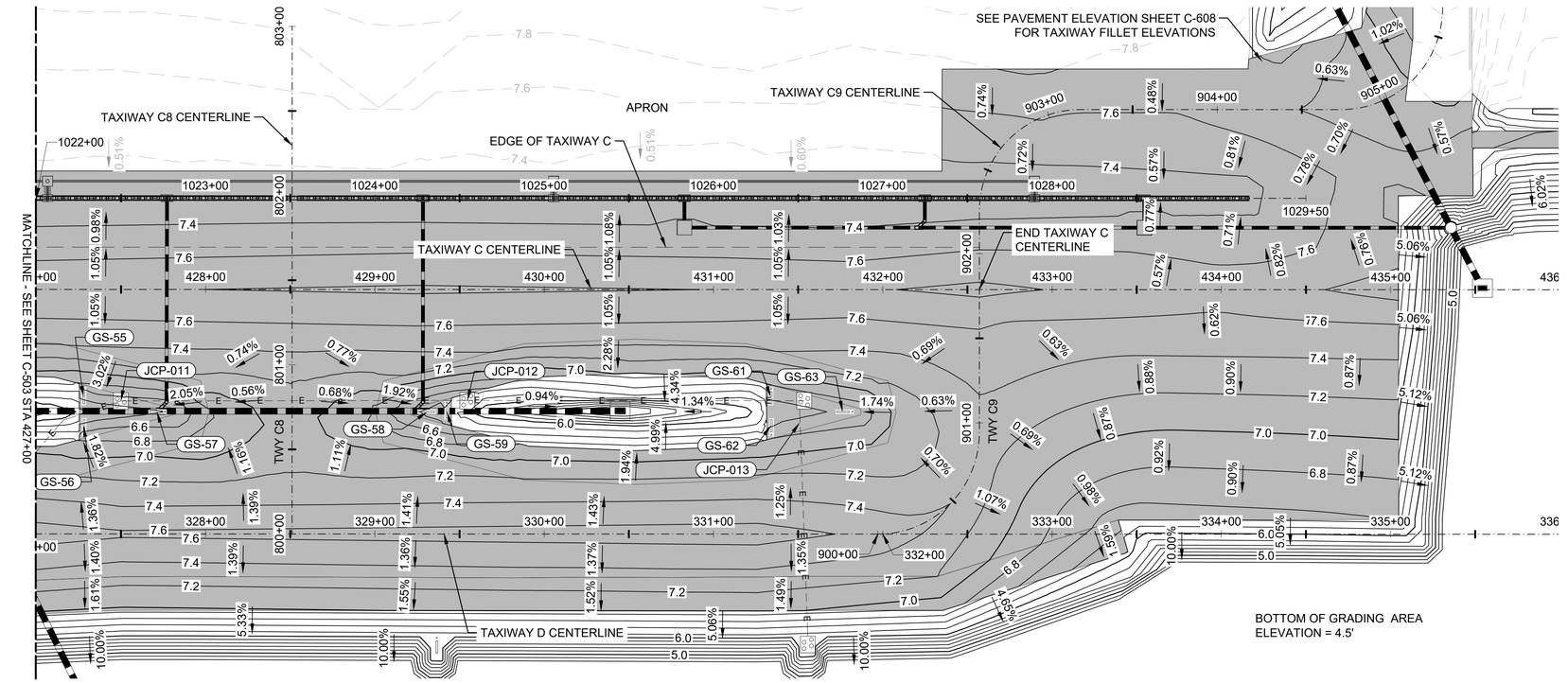
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

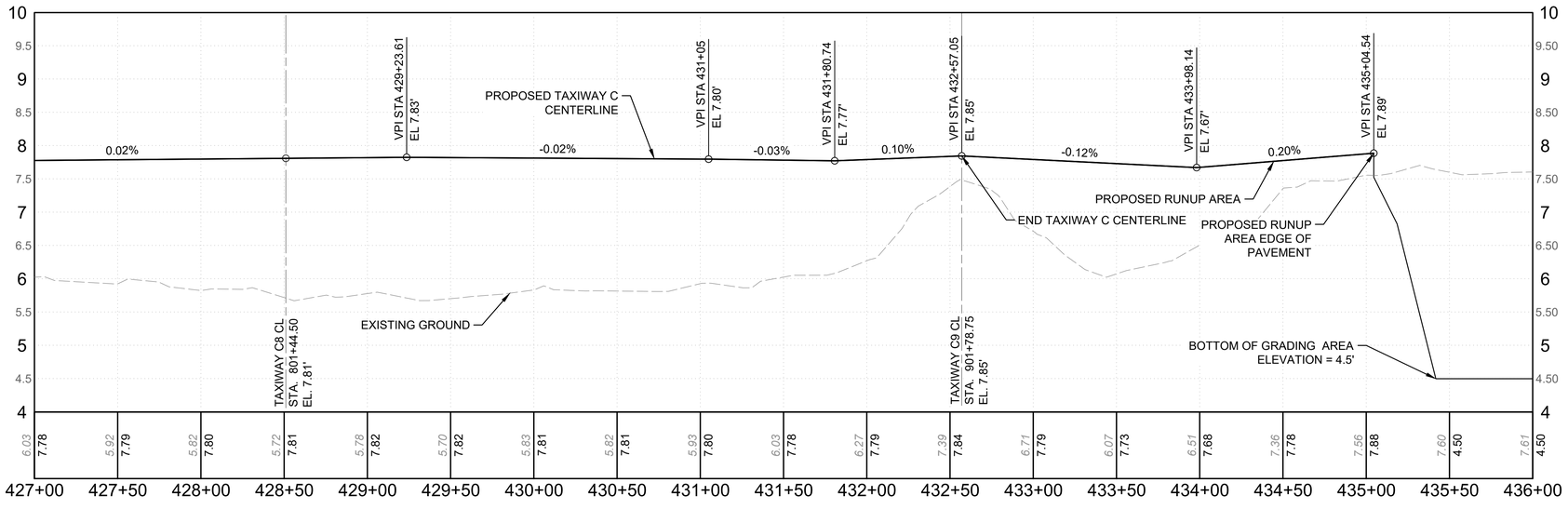
GRADING PLAN & PROFILE TWY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-503

FILENAME: C:\PWWORKING\EAST01\D312362610365381C-501.DWG
PLOT DATE: 2025/05/21 AT 12:42 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





1 PROP. TAXIWAY C PROFILE STA 427+00 TO 436+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

GRAPHIC SCALE (IN FEET)

LEGEND

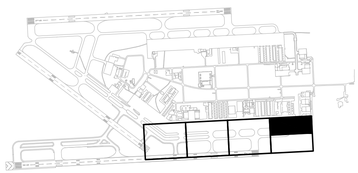
- PROPOSED PAVEMENT (SEE GEOMETRY SHEETS FOR MORE INFORMATION ON PAVEMENT SECTIONS)
- PROPOSED OWS TOP SLAB (SEE DETAIL 1 ON SHEET S-102 FOR MORE INFORMATION)
- X.XX — PROPOSED 1.0 MAJOR CONTOUR
- X.XX — PROPOSED 0.2 MINOR CONTOUR
- X.XX — EXISTING 0.2 CONTOUR
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- PROPOSED TRENCH DRAIN
- E — PROPOSED ELECTRICAL DUCT
- E — EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

NOTES

1. FOR TAXIWAY CONNECTOR CENTERLINE CURVE DATA, SEE PROFILES ON SHEETS C-510 THRU C-511.
2. SEE PAVEMENT ELEVATION SHEETS C-601 THRU C-608 FOR MORE DETAILED INFORMATION ON PAVEMENT GRADING.
3. FOR CROSS SECTIONS, SEE SHEETS C-701 THRU C-704 AND X-101 THRU X-139.
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ELECTRICAL STRUCTURE TABLE	
NAME	ELEVATION
GS-55	6.45'
GS-56	6.46'
GS-57	6.38'
GS-58	6.36'
GS-59	6.29'
GS-61	6.64'
GS-62	6.58'
GS-63	6.65'
JCP-011	6.50'
JCP-012	6.38'
JCP-013	6.66'

KEY MAP



DATE	DESCRIPTION	MARK
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

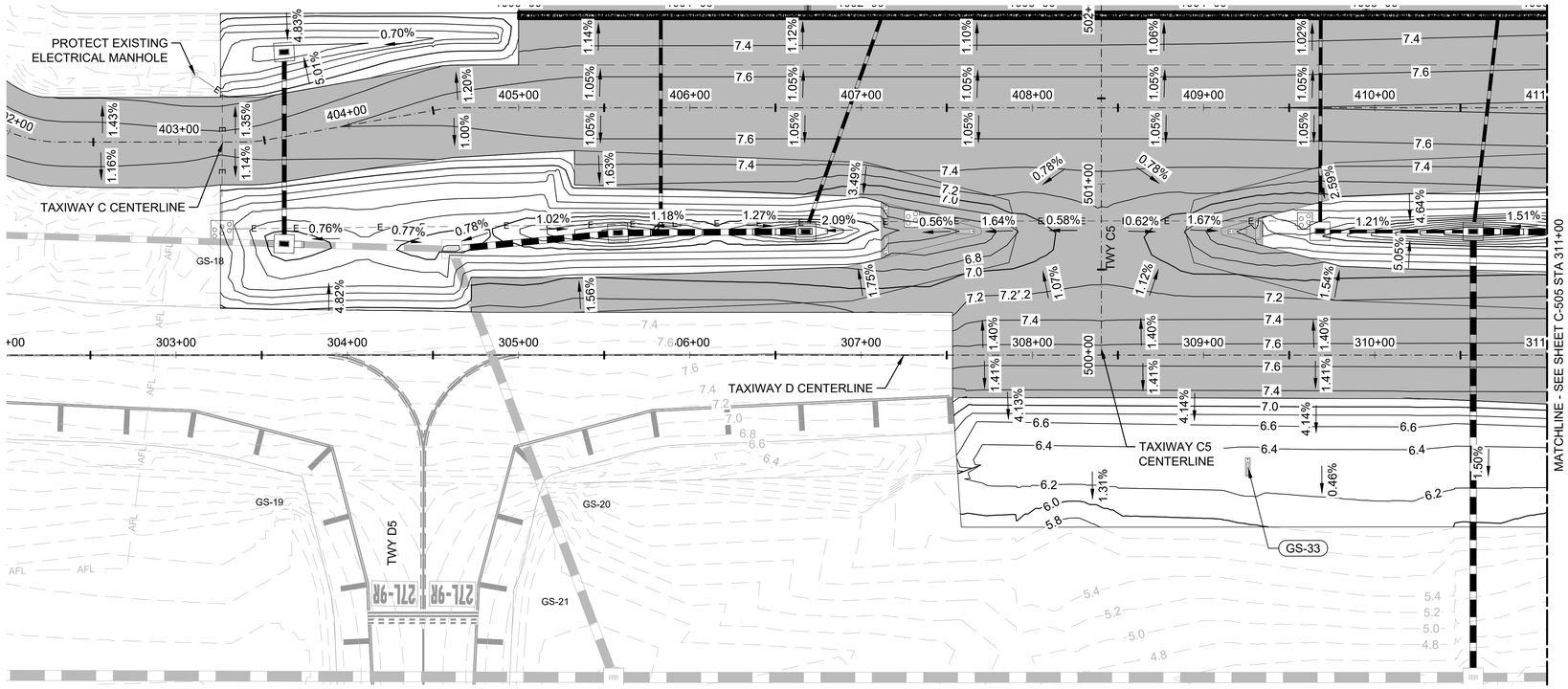
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE E230
DORAL, FL 33166
(305) 728-7452

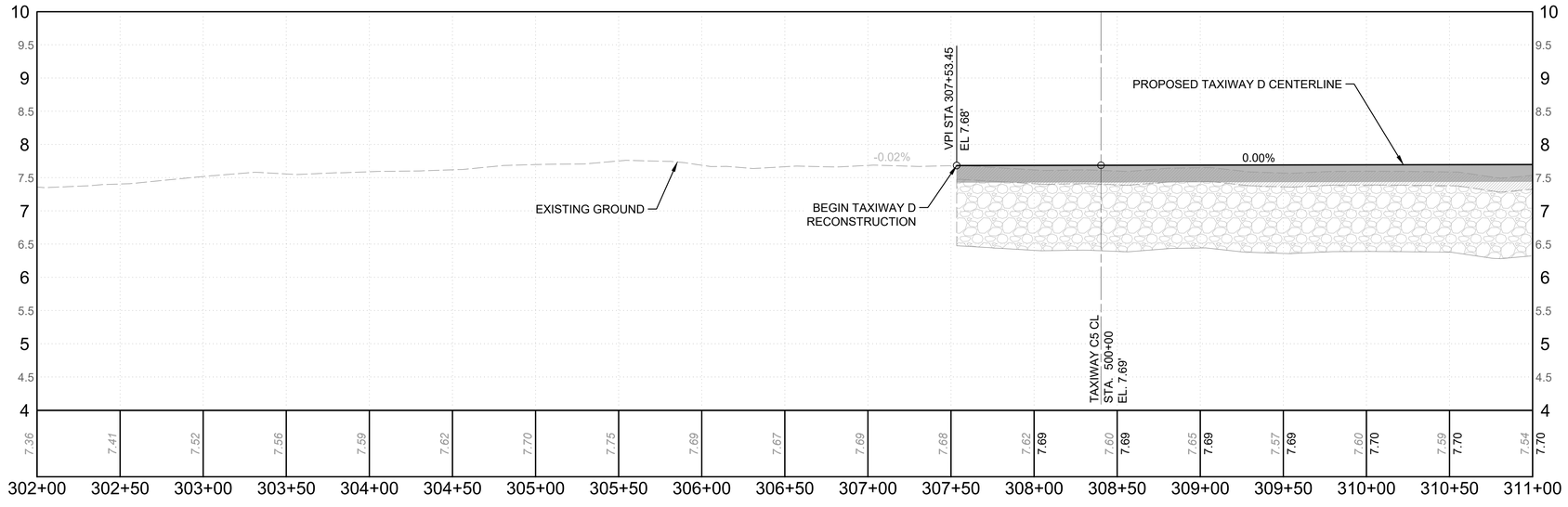
GRADING PLAN & PROFILE TWY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-504

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381C-501.DWG
PLOT DATE: 2025/05/21 AT 12:42 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





1 PROP. TAXIWAY D PROFILE STA 302+00 TO 311+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

GRAPHIC SCALE (IN FEET)

LEGEND

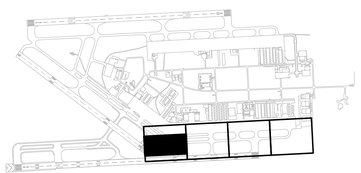
- PROPOSED PAVEMENT (SEE GEOMETRY SHEETS FOR MORE INFORMATION ON PAVEMENT SECTIONS)
- X.XX — PROPOSED 1.0 MAJOR CONTOUR
- X.XX — PROPOSED 0.2 MINOR CONTOUR
- X.XX — EXISTING 0.2 CONTOUR
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- PROPOSED TRENCH DRAIN
- E — PROPOSED ELECTRICAL DUCT
- E — EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

NOTES

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2. SEE PAVEMENT ELEVATION SHEETS C-601 THRU C-608 FOR MORE DETAILED INFORMATION ON PAVEMENT GRADING.
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ELECTRICAL STRUCTURE TABLE	
NAME	ELEVATION
GS-33	6.30'

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY:	CHECKED BY:
R. DOSSANI	W. BOWDOIN
DRAWN BY:	SUBMITTED BY:
S. TOLLETTE	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX (02)504
MIAMI, FLORIDA 33102-5504

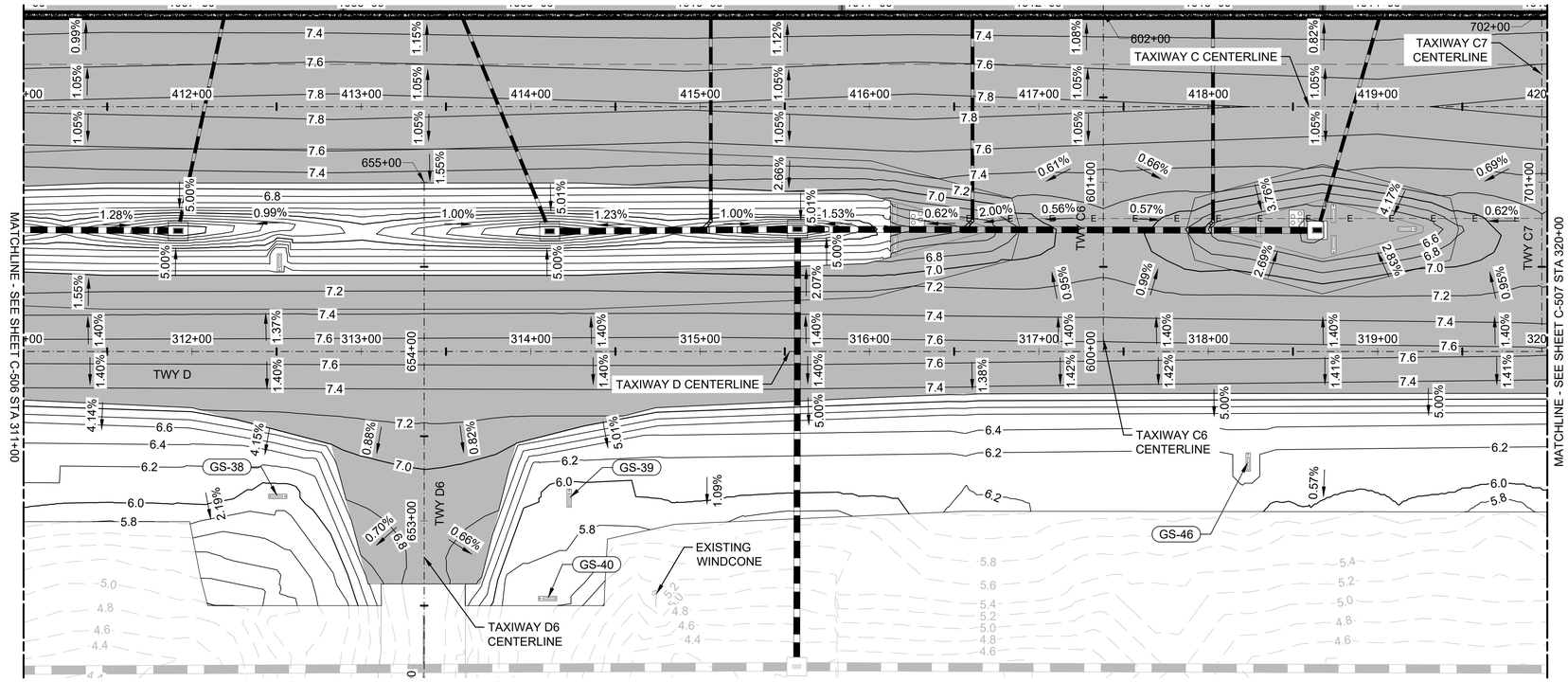
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

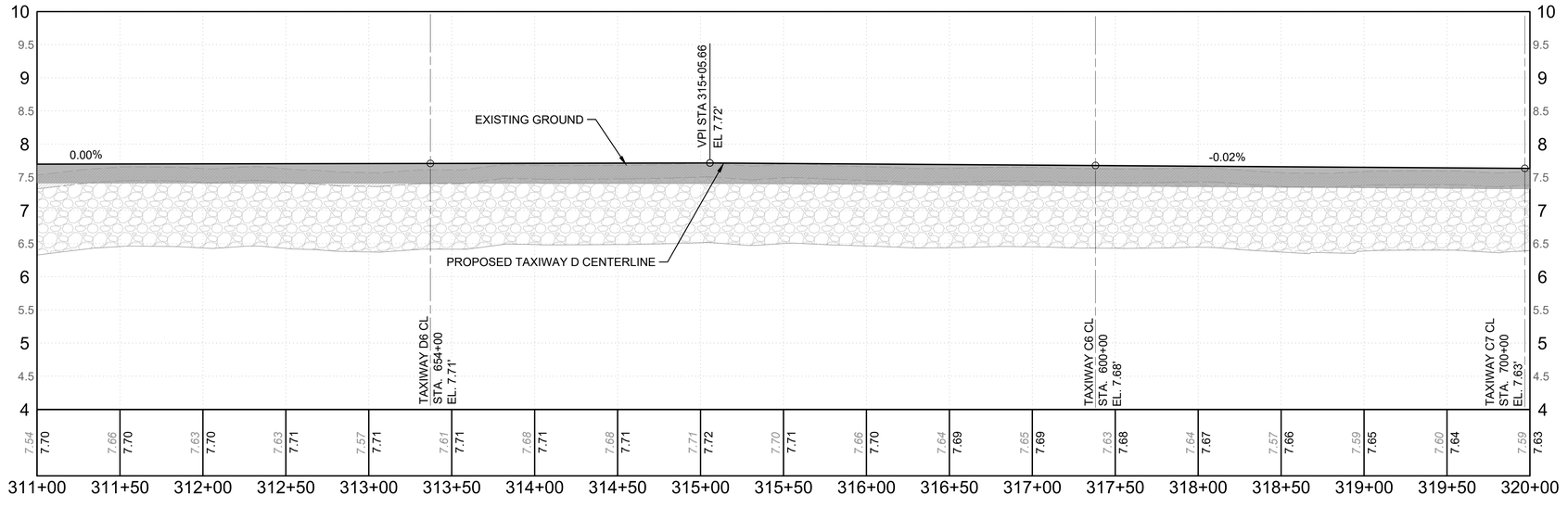
GRADING PLAN & PROFILE TWY D

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-505

FILENAME: C:\PWWORKING\EAST01\D312362810365381C-505.DWG
PLOT DATE: 2025/05/21 AT 12:43 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





1 PROP. TAXIWAY D PROFILE STA 311+00 TO 320+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

GRAPHIC SCALE (IN FEET)

LEGEND

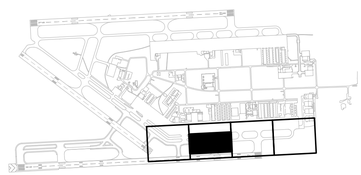
- PROPOSED PAVEMENT (SEE GEOMETRY SHEETS FOR MORE INFORMATION ON PAVEMENT SECTIONS)
- X.XX — PROPOSED 1.0 MAJOR CONTOUR
- X.XX — PROPOSED 0.2 MINOR CONTOUR
- X.XX — EXISTING 0.2 CONTOUR
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- PROPOSED TRENCH DRAIN
- E — PROPOSED ELECTRICAL DUCT
- E — EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

NOTES

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2. SEE PAVEMENT ELEVATION SHEETS C-601 THRU C-608 FOR MORE DETAILED INFORMATION ON PAVEMENT GRADING.
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ELECTRICAL STRUCTURE TABLE	
NAME	ELEVATION
GS-38	5.90'
GS-39	5.93'
GS-40	5.65'
GS-46	6.23'

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS

DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX (02504)
MIAMI, FLORIDA 33102-5504

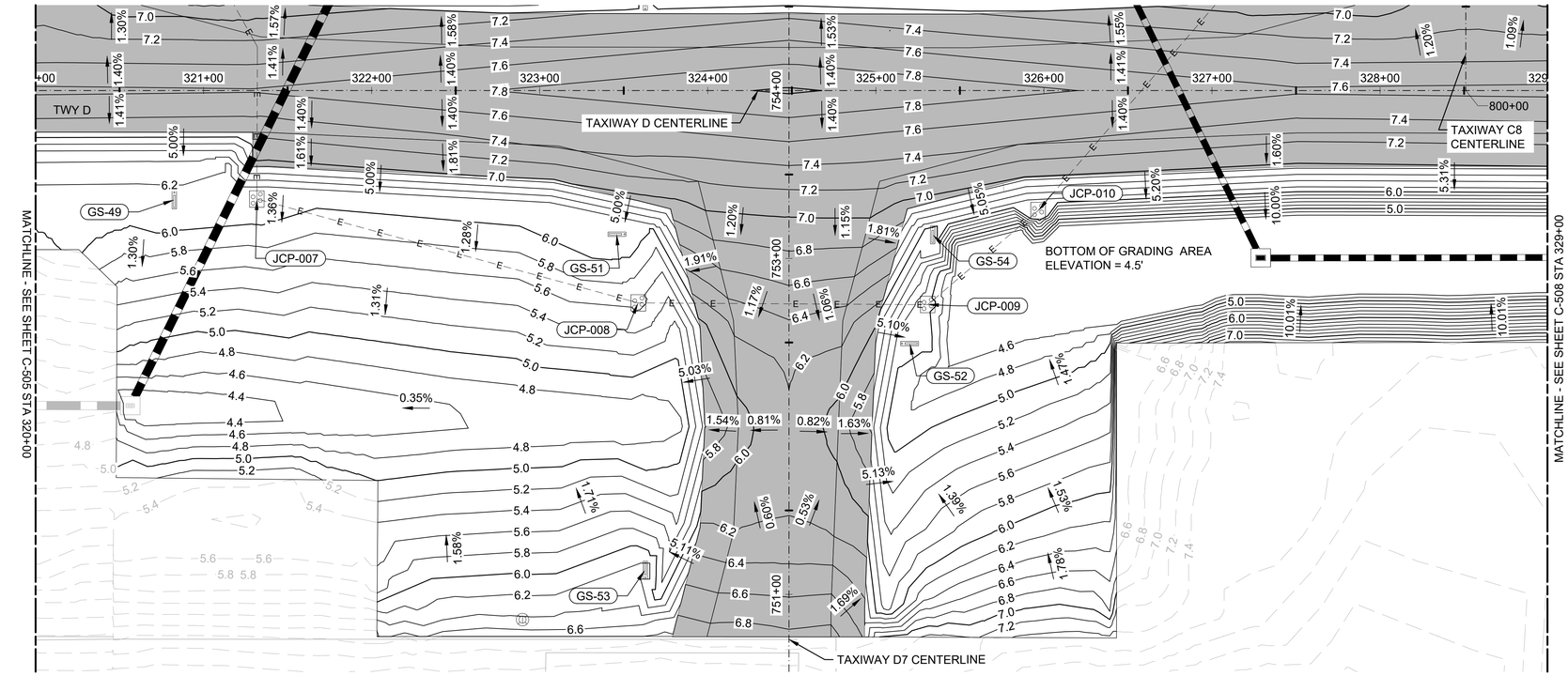
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

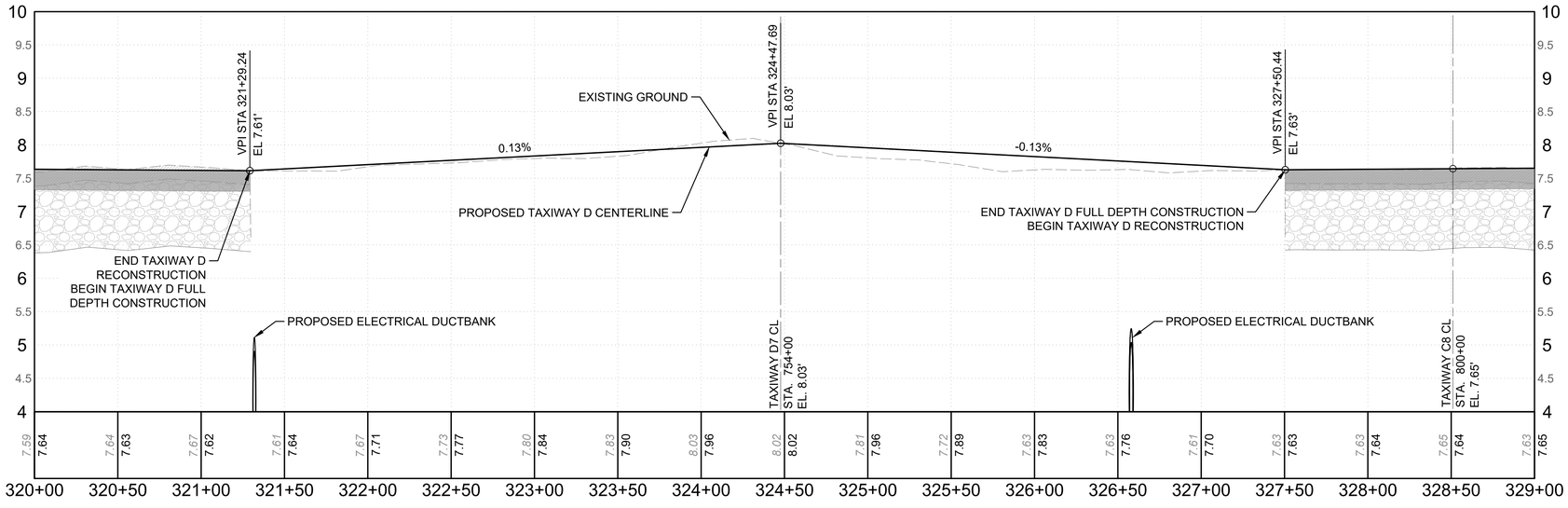
GRADING PLAN & PROFILE TWY D

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-506

FILENAME: C:\PWWORKING\EAST01\D312362810365381C-505.DWG
PLOT DATE: 2025/05/21 AT 12:44 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





1 PROP. TAXIWAY D PROFILE STA 320+00 TO 329+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

LEGEND

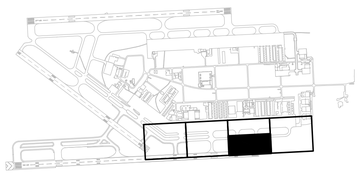
- PROPOSED PAVEMENT (SEE GEOMETRY SHEETS FOR MORE INFORMATION ON PAVEMENT SECTIONS)
- X.XX — PROPOSED 1.0 MAJOR CONTOUR
- X.XX — PROPOSED 0.2 MINOR CONTOUR
- X.XX — EXISTING 0.2 CONTOUR
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- PROPOSED TRENCH DRAIN
- E — PROPOSED ELECTRICAL DUCT
- E — EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

NOTES

1. FOR TAXIWAY CONNECTOR CENTERLINE CURVE DATA, SEE PROFILES ON SHEETS C-510 THRU C-511.
2. SEE PAVEMENT ELEVATION SHEETS C-601 THRU C-608 FOR MORE DETAILED INFORMATION ON PAVEMENT GRADING.
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6. THE COST FOR THE REMOVAL OF THE EXISTING VALVE AND ITS COMPONENTS REQUIRED TO BE ADJUSTED SHALL BE INCIDENTAL TO THE COST OF ADJUSTING THE WATER VALVE TO FINISHED GRADE.

ELECTRICAL STRUCTURE TABLE	
NAME	ELEVATION
GS-49	6.15'
GS-51	6.18'
GS-52	5.05'
GS-53	6.20'
GS-54	6.00'
JCP-007	6.18'
JCP-008	5.62'
JCP-009	5.05'
JCP-010	6.10'

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX (02550)
MIAMI, FLORIDA 33102-5504

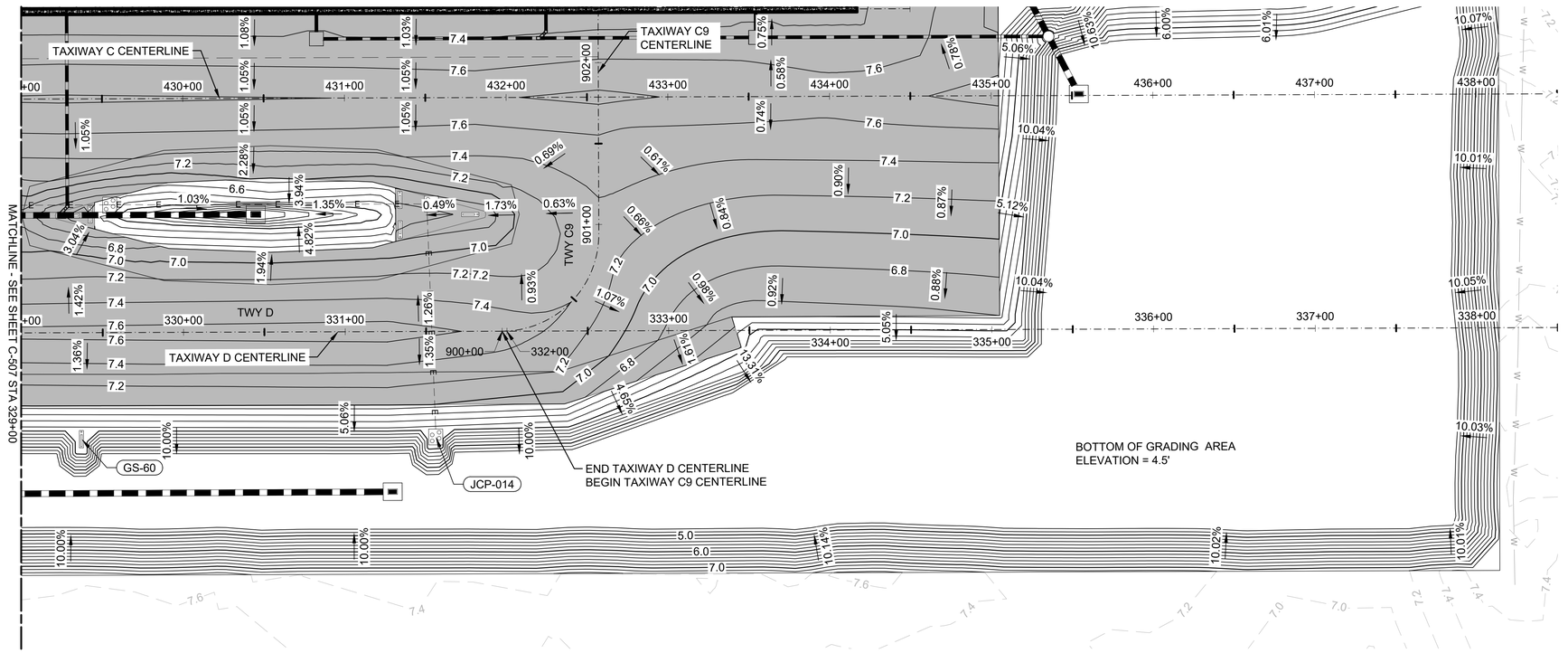
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

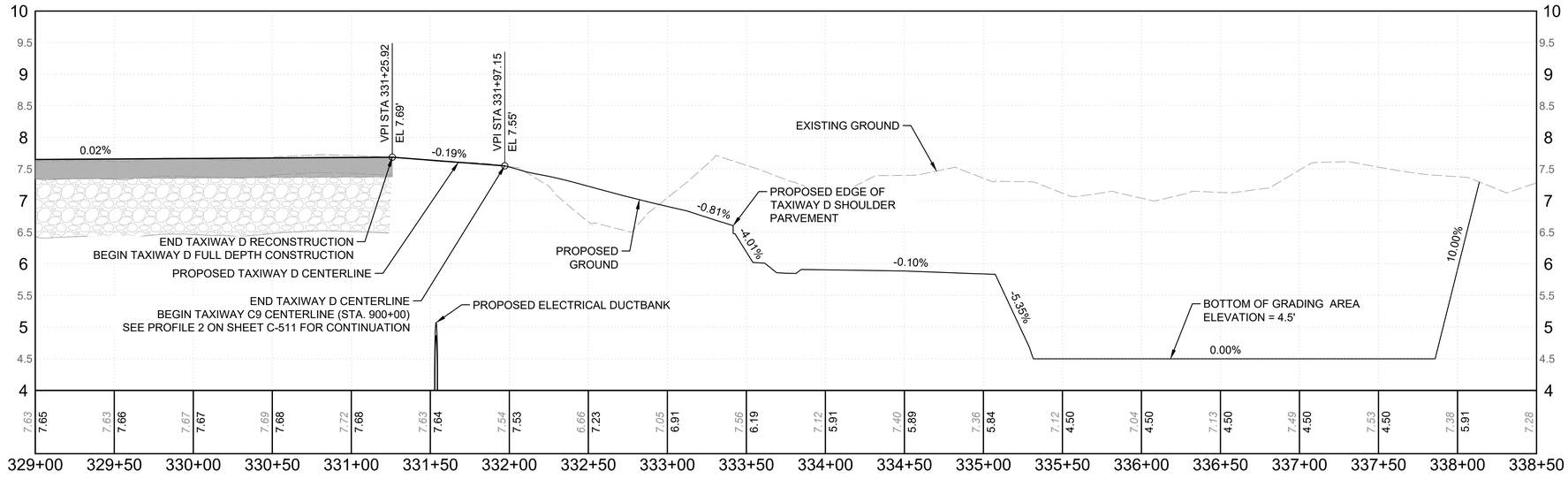
GRADING PLAN & PROFILE TWY D

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-507

FILENAME: C:\PWWORKING\EAST01\D312362810365381\C-505.DWG
PLOT DATE: 2025/05/21 AT 12:44 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





1 PROP. TAXIWAY D PROFILE STA 329+00 TO 338+50

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

GRAPHIC SCALE
(IN FEET)
40' 0' 40' 80'

LEGEND

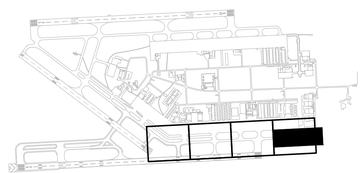
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- X.XX — PROPOSED 0.2 MINOR CONTOUR
- X.XX — EXISTING 0.2 CONTOUR
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- PROPOSED TRENCH DRAIN
- E — PROPOSED ELECTRICAL DUCT
- E — EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

NOTES

1. FOR TAXIWAY CONNECTOR CENTERLINE CURVE DATA, SEE PROFILES ON SHEETS C-510 THRU C-511.
2. SEE PAVEMENT ELEVATION SHEETS C-601 THRU C-608 FOR MORE DETAILED INFORMATION ON PAVEMENT GRADING.
3. FOR CROSS SECTIONS, SEE SHEETS C-701 THRU C-704 AND X-101 THRU X-139.
4. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SITE IN ACCORDANCE WITH THE SWPP. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SOD AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE RPR.
5. CONTRACTOR SHALL SEQUENCE WORK SO THAT AREAS OF STANDING WATER ARE NOT CREATED.
6. THE COST FOR THE REMOVAL OF THE EXISTING VALVE AND ITS COMPONENTS REQUIRED TO BE ADJUSTED SHALL BE INCIDENTAL TO THE COST OF ADJUSTING THE WATER VALVE TO FINISHED GRADE.

ELECTRICAL STRUCTURE TABLE	
NAME	ELEVATION
GS-60	6.13'
JCP-014	6.15'

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY:	CHECKED BY:
R. DOSSANI	W. BOWDOIN
DRAWN BY:	SUBMITTED BY:
S. TOLLETTE	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX (02504)
MIAMI, FLORIDA 33102-5504

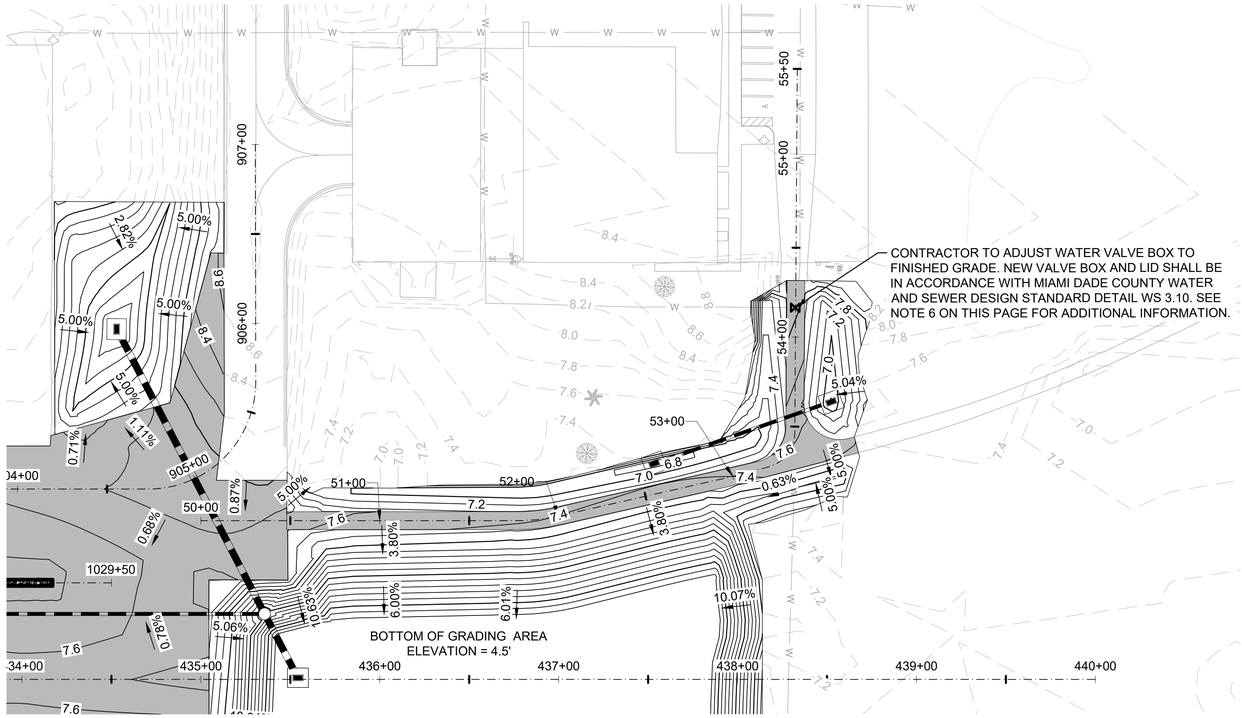
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

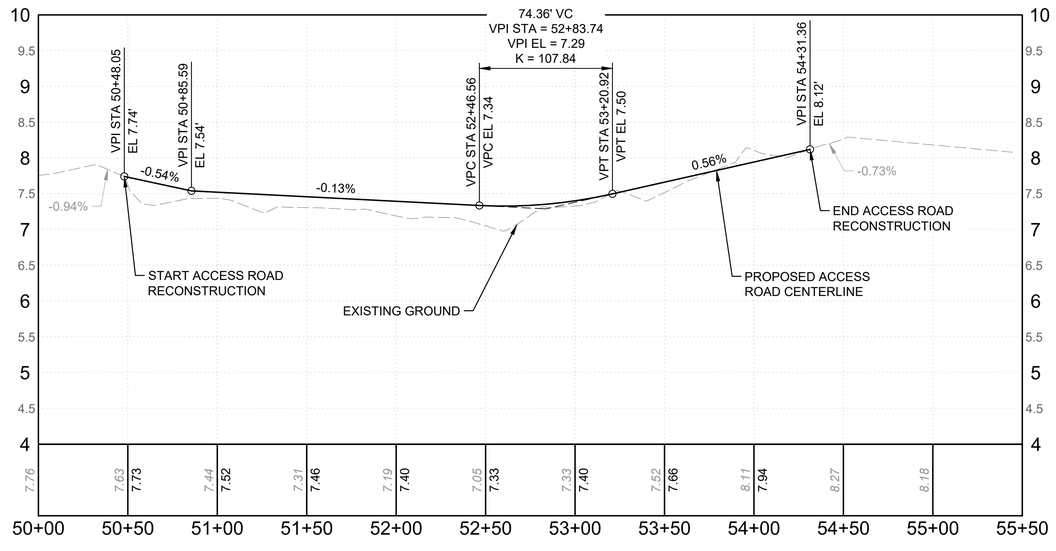
GRADING PLAN & PROFILE TWY D

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-508

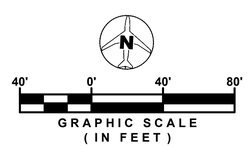
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PLOT DATE: 2025/05/21 AT 12:45 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





1 PROP. ACCESS ROAD PROFILE STA 50+00 TO 55+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



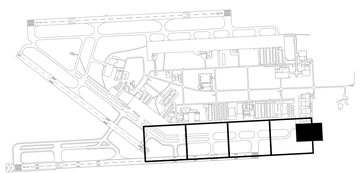
LEGEND

- PROPOSED PAVEMENT (SEE GEOMETRY SHEETS FOR MORE INFORMATION ON PAVEMENT SECTIONS)
- X.XX — PROPOSED 1.0 MAJOR CONTOUR
- X.XX — PROPOSED 0.2 MINOR CONTOUR
- X.XX — EXISTING 0.2 CONTOUR
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- PROPOSED TRENCH DRAIN
- E — PROPOSED ELECTRICAL DUCT
- E — EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

NOTES

1. FOR TAXIWAY CONNECTOR CENTERLINE CURVE DATA, SEE PROFILES ON SHEETS C-510 THRU C-511.
2. SEE PAVEMENT ELEVATION SHEETS C-601 THRU C-608 FOR MORE DETAILED INFORMATION ON PAVEMENT GRADING.
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KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI	CHECKED BY: W. BOWDOIN	
DRAWN BY: S. TOLLETTE	SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX (025504
MIAMI, FLORIDA 33102-5504

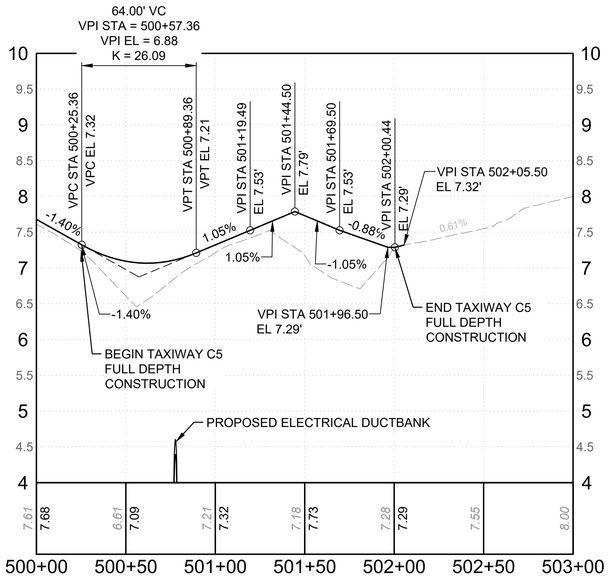
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE E-230
DORAL, FL 33166
(305) 728-7452

GRADING PLAN & PROFILE ACCESS ROAD

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

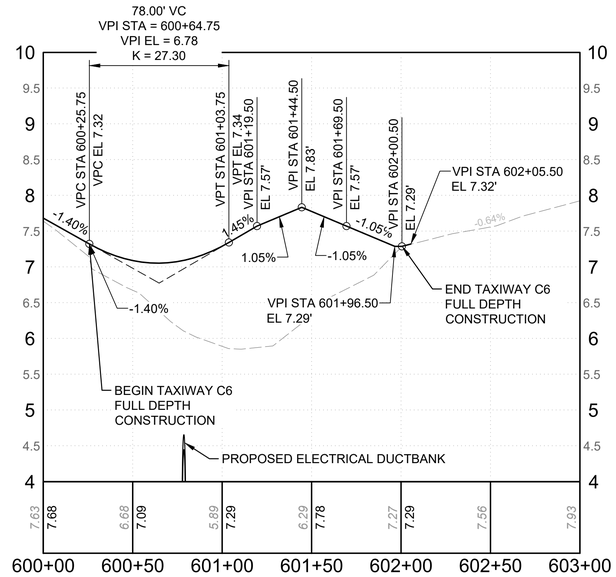
SHEET ID
C-509

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AUTHOR: TOLLETTE, SAMUEL



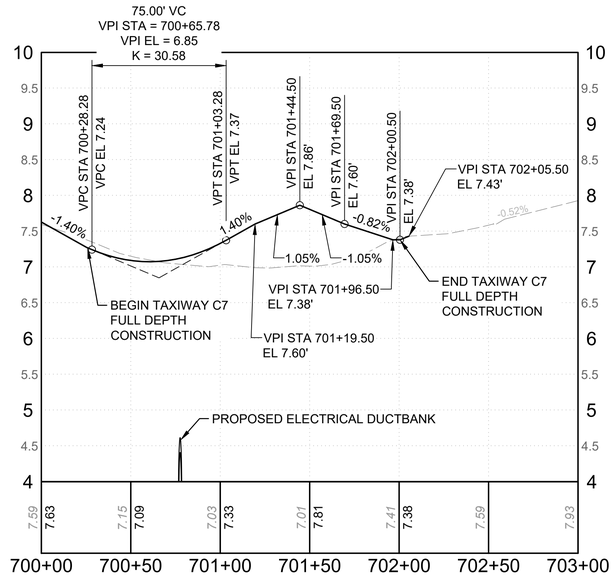
1 PROP. TAXIWAY C5 PROFILE STA 500+00 TO 503+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



2 PROP. TAXIWAY C6 PROFILE STA 600+00 TO 603+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



3 PROP. TAXIWAY C7 PROFILE STA 700+00 TO 703+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE E 230
DORAL, FL 33166
(305) 728-7452

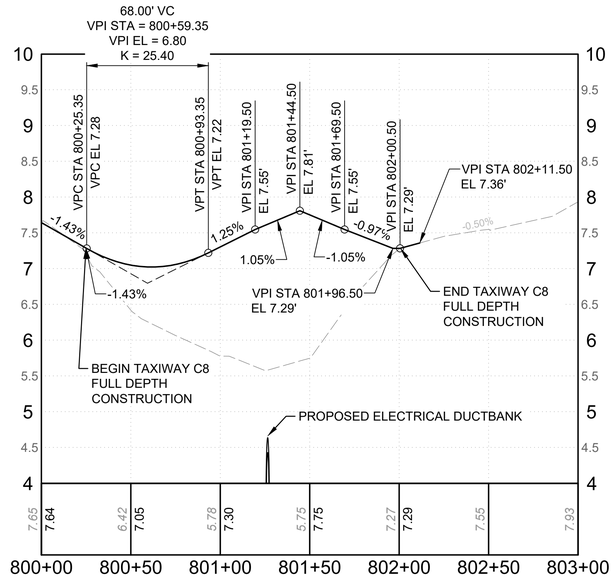
GRADING PROFILES- TAXIWAY CONNECTORS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

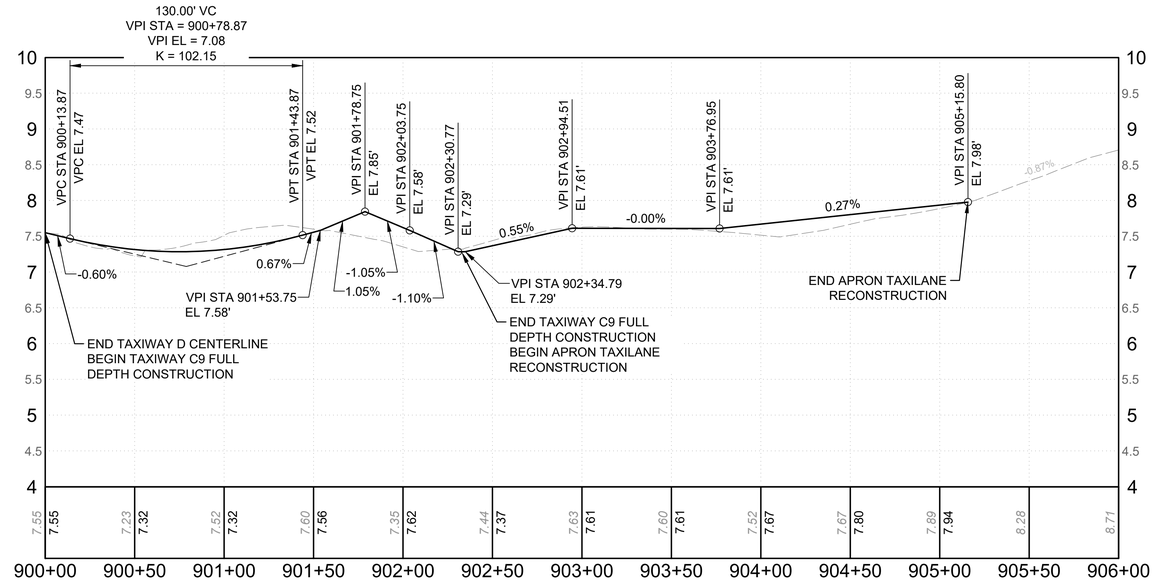
C-510

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AUTHOR: TOLLETTE, SAMUEL



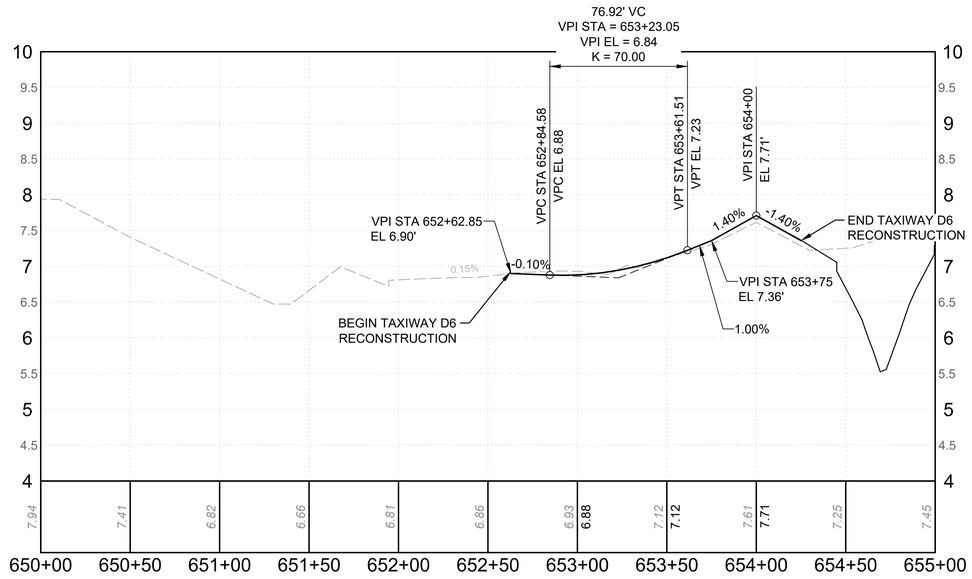
1 PROP. TAXIWAY C8 PROFILE STA 800+00 TO 803+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



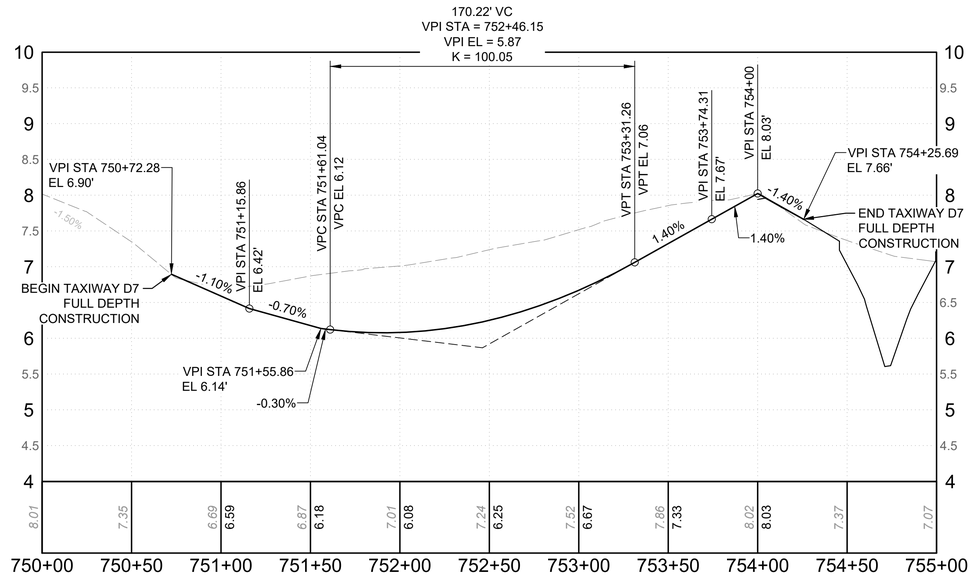
2 PROP. TAXIWAY C9 PROFILE STA 900+00 TO 904+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



3 PROP. TAXIWAY D6 PROFILE STA 650+00 TO 655+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



4 PROP. TAXIWAY D7 PROFILE STA 750+00 TO 755+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024		
PROJECT PHASE: BID DOCUMENTS		
DESIGNED BY: R. DOSSANI	CHECKED BY: W. BOWDOIN	SUBMITTED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE		

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, STE 230
DORAL, FL 33166
(305) 728-7452

GRADING PROFILES- TAXIWAY CONNECTORS

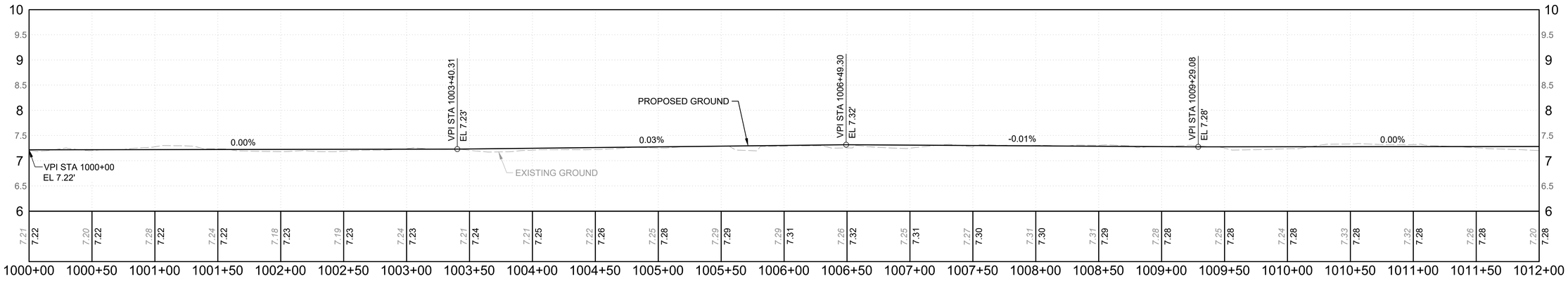
TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

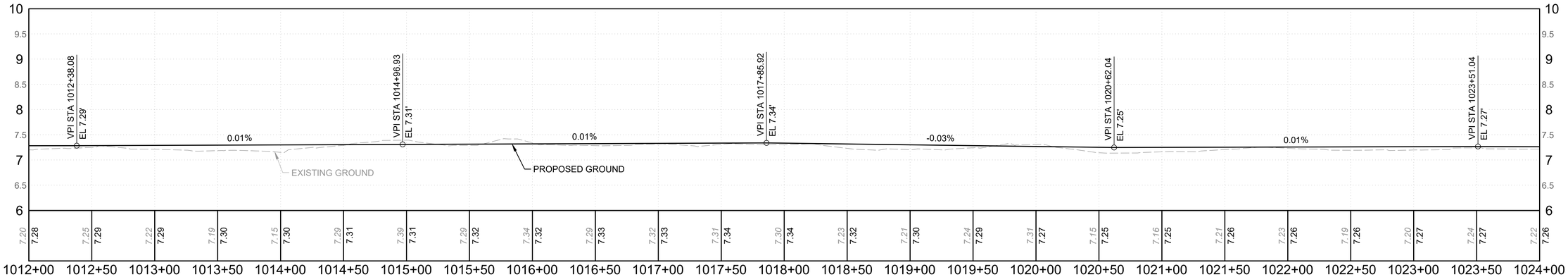
C-511

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AUTHOR: TOLLETTE, SAMUEL



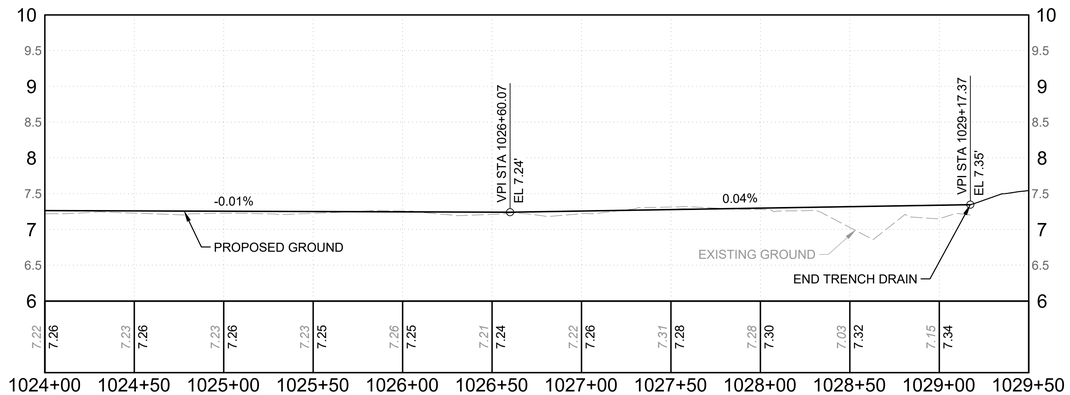
1 PROP. TRENCH DRAIN PROFILE STA 1000+00 TO 1012+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



2 PROP. TRENCH DRAIN PROFILE STA 1012+00 TO 1024+00

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'



3 PROP. TRENCH DRAIN PROFILE STA 1024+00 TO 1029+50

HORIZONTAL SCALE: 1" = 40' | VERTICAL SCALE: 1" = 2'

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

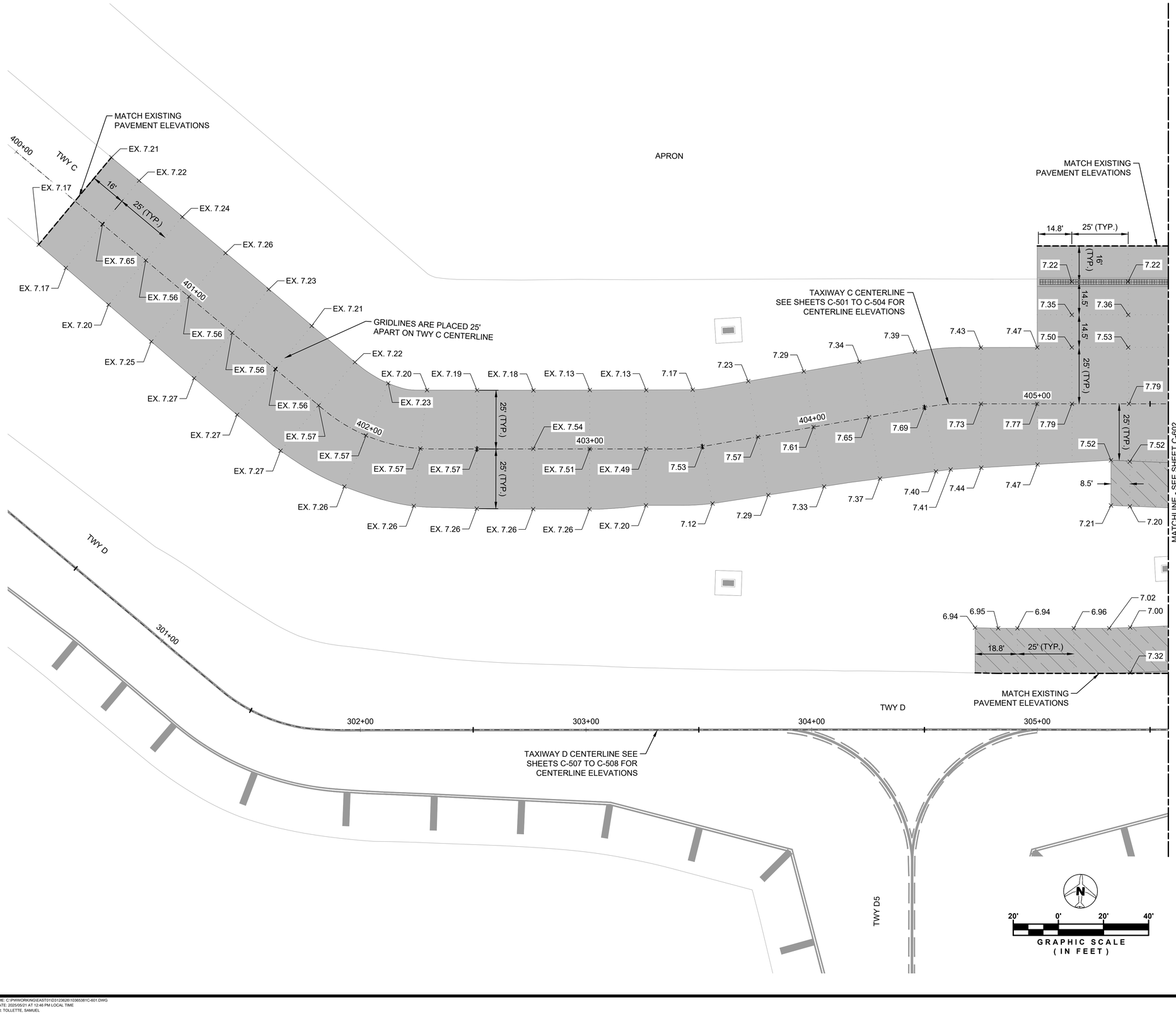
ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

GRADING PROFILES- TRENCH DRAIN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-512

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AUTHOR: TOLLETTE, SAMUEL



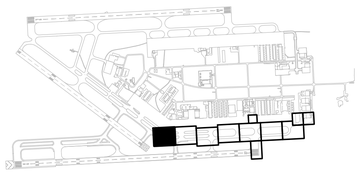
LEGEND

X.XX	TOP OF ASPHALT PAVEMENT ELEVATION POINT (FEET)
	PROPOSED TAXIWAY PAVEMENT
	PROPOSED TAXIWAY SHOULDER PAVEMENT
	PROPOSED ACCESS ROAD PAVEMENT
	PROPOSED EROSION CONTROL PAVEMENT
	PROPOSED OIL WATER SEPARATOR CONCRETE TOP SLAB
	PROPOSED TRENCH DRAIN

NOTES

1. SEE GEOMETRY PLAN SHEETS (C-300 SERIES) FOR MORE INFORMATION.
2. SEE TYPICAL SECTIONS SHEETS (C-310 TO C-313) FOR VARIOUS PAVEMENT SECTION DETAILS.
3. SEE SHEETS C-501 TO C-511 FOR CENTERLINE RPOFILE ELEVATIONS. CENTERLINE PROFILE ELEVATIONS SHALL GOVERN OVER ELEVATIONS PROVIDED IN PAVEMENT ELEVATION PLANS. CENTERLINE ELEVATIONS ON PAVEMENT ELEVATION PLANS ARE SUPPLEMENTAL TO INFORMATION ON PROFILE SHEETS.
4. SEE DRAINAGE AND GRADING PLAN SHEETS (C-400 AND C-500 SERIES) FOR ADDITIONAL INFORMATION.
5. MATCH THE EXISTING ELEVATION WHEREVER PAVEMENT TIES BACK TO THE EXISTING PAVEMENT.
6. CONTRACTOR MUST USE THIS SPOT ELEVATION PLAN AND GRID TO PROVIDE AS-BUILT ELEVATIONS FOR P-152, P-154, P-211, AND EACH 2" LIFT OF P-401.

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: W. BOWDOIN	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

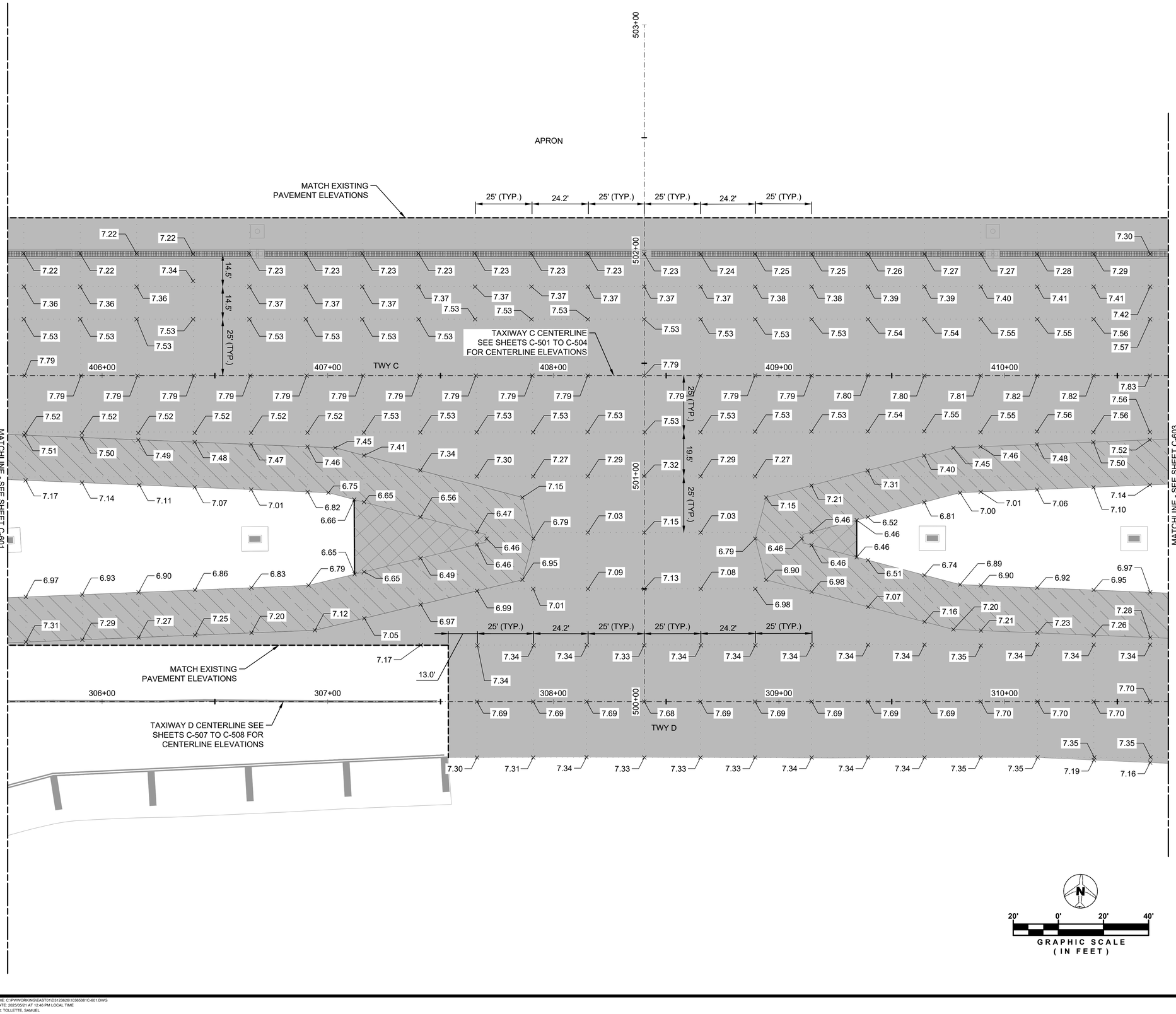
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT ELEVATION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-601

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381\C-601.DWG
PLOT DATE: 2025/05/21 AT 12:46 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



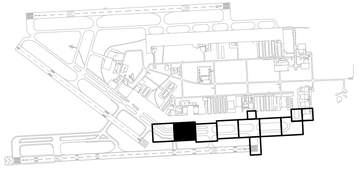
LEGEND

X.XX	TOP OF ASPHALT PAVEMENT ELEVATION POINT (FEET)
	PROPOSED TAXIWAY PAVEMENT
	PROPOSED TAXIWAY SHOULDER PAVEMENT
	PROPOSED ACCESS ROAD PAVEMENT
	PROPOSED EROSION CONTROL PAVEMENT
	PROPOSED OIL WATER SEPARATOR CONCRETE TOP SLAB
	PROPOSED TRENCH DRAIN

NOTES

1. SEE GEOMETRY PLAN SHEETS (C-300 SERIES) FOR MORE INFORMATION.
2. SEE TYPICAL SECTIONS SHEETS (C-310 TO C-313) FOR VARIOUS PAVEMENT SECTION DETAILS.
3. SEE SHEETS C-501 TO C-511 FOR CENTERLINE RPOFILE ELEVATIONS. CENTERLINE PROFILE ELEVATIONS SHALL GOVERN OVER ELEVATIONS PROVIDED IN PAVEMENT ELEVATION PLANS. CENTERLINE ELEVATIONS ON PAVEMENT ELEVATION PLANS ARE SUPPLEMENTAL TO INFORMATION ON PROFILE SHEETS.
4. SEE DRAINAGE AND GRADING PLAN SHEETS (C-400 AND C-500 SERIES) FOR ADDITIONAL INFORMATION.
5. MATCH THE EXISTING ELEVATION WHEREVER PAVEMENT TIES BACK TO THE EXISTING PAVEMENT.
6. CONTRACTOR MUST USE THIS SPOT ELEVATION PLAN AND GRID TO PROVIDE AS-BUILT ELEVATIONS FOR P-152, P-154, P-211, AND EACH 2" LIFT OF P-401.

KEY MAP



GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

DATE	DESCRIPTION	MARK
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

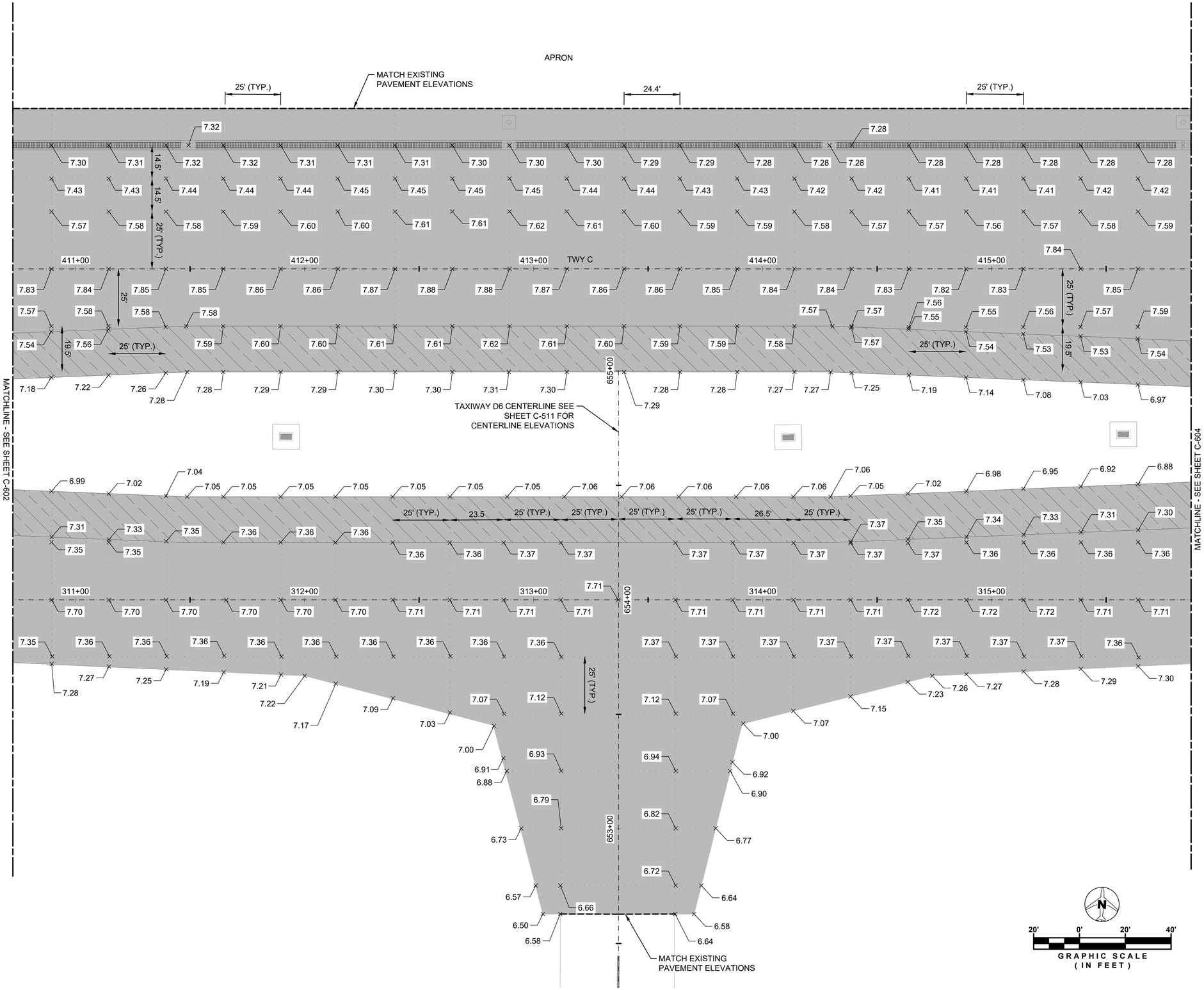
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT ELEVATION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-602

FILENAME: C:\PWWORKING\EAST01\D312362810\3653B1C-601.DWG
PLOT DATE: 2025/05/21 AT 12:46 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



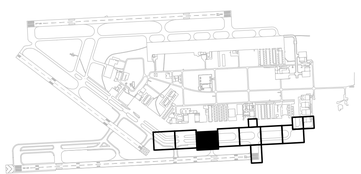
LEGEND

X.XX	TOP OF ASPHALT PAVEMENT ELEVATION POINT (FEET)
	PROPOSED TAXIWAY PAVEMENT
	PROPOSED TAXIWAY SHOULDER PAVEMENT
	PROPOSED ACCESS ROAD PAVEMENT
	PROPOSED EROSION CONTROL PAVEMENT
	PROPOSED OIL WATER SEPARATOR CONCRETE TOP SLAB
	PROPOSED TRENCH DRAIN

NOTES

1. SEE GEOMETRY PLAN SHEETS (C-300 SERIES) FOR MORE INFORMATION.
2. SEE TYPICAL SECTIONS SHEETS (C-310 TO C-313) FOR VARIOUS PAVEMENT SECTION DETAILS.
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6. CONTRACTOR MUST USE THIS SPOT ELEVATION PLAN AND GRID TO PROVIDE AS-BUILT ELEVATIONS FOR P-152, P-154, P-211, AND EACH 2" LIFT OF P-401.

KEY MAP



MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI
ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS

MARK	DESCRIPTION	DATE
-	-	-

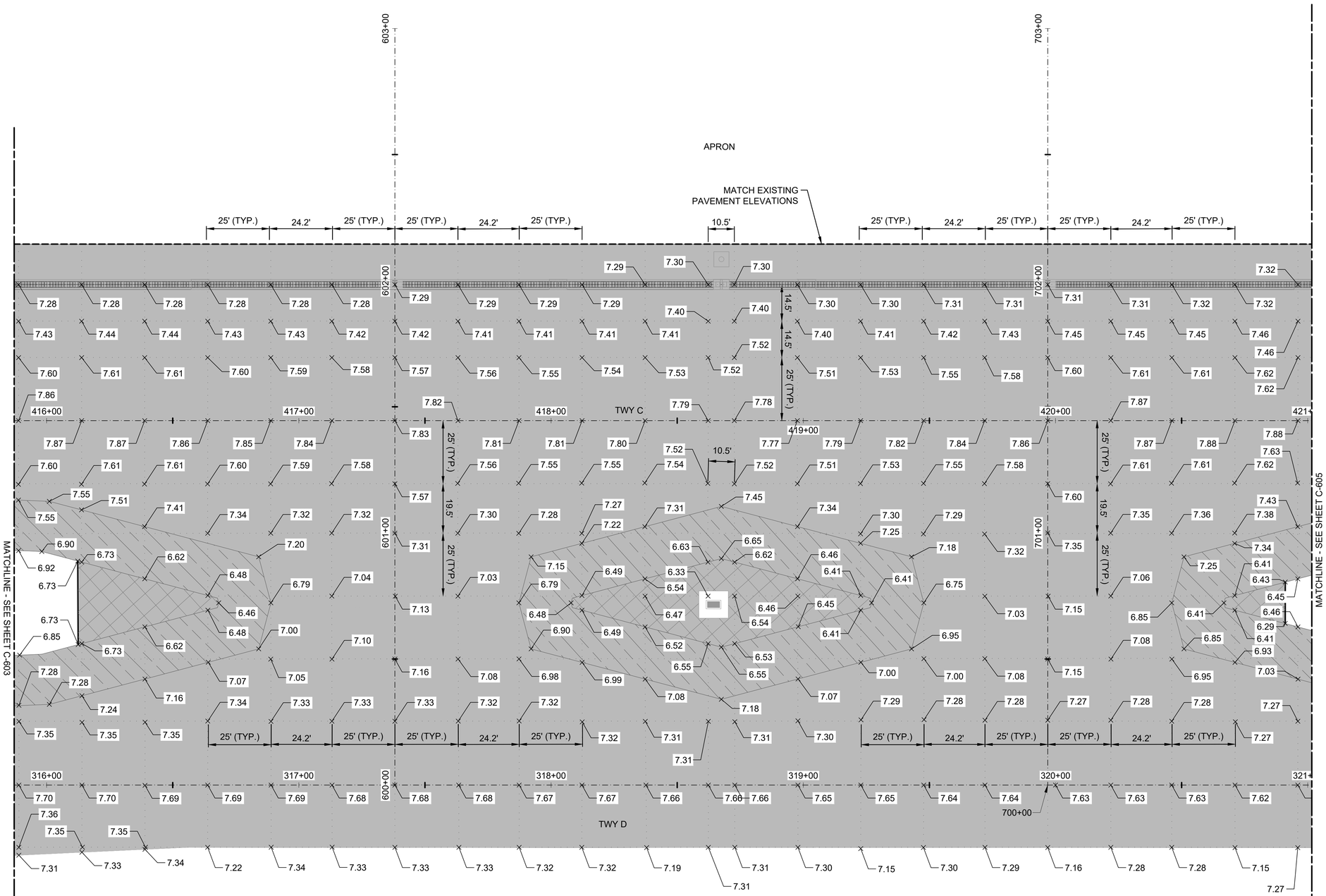
LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

PAVEMENT ELEVATION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-603

FILENAME: C:\PWWORKING\EAST01\D312362610\365381C-601.DWG
PLOT DATE: 2025/05/21 AT 12:46 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



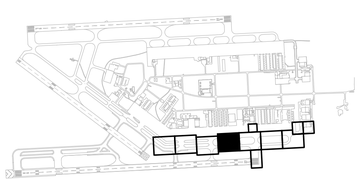
LEGEND

X.XX	TOP OF ASPHALT PAVEMENT ELEVATION POINT (FEET)
	PROPOSED TAXIWAY PAVEMENT
	PROPOSED TAXIWAY SHOULDER PAVEMENT
	PROPOSED ACCESS ROAD PAVEMENT
	PROPOSED EROSION CONTROL PAVEMENT
	PROPOSED OIL WATER SEPARATOR CONCRETE TOP SLAB
	PROPOSED TRENCH DRAIN

NOTES

1. SEE GEOMETRY PLAN SHEETS (C-300 SERIES) FOR MORE INFORMATION.
2. SEE TYPICAL SECTIONS SHEETS (C-310 TO C-313) FOR VARIOUS PAVEMENT SECTION DETAILS.
3. SEE SHEETS C-501 TO C-511 FOR CENTERLINE RPOFILE ELEVATIONS. CENTERLINE PROFILE ELEVATIONS SHALL GOVERN OVER ELEVATIONS PROVIDED IN PAVEMENT ELEVATION PLANS. CENTERLINE ELEVATIONS ON PAVEMENT ELEVATION PLANS ARE SUPPLEMENTAL TO INFORMATION ON PROFILE SHEETS.
4. SEE DRAINAGE AND GRADING PLAN SHEETS (C-400 AND C-500 SERIES) FOR ADDITIONAL INFORMATION.
5. MATCH THE EXISTING ELEVATION WHEREVER PAVEMENT TIES BACK TO THE EXISTING PAVEMENT.
6. CONTRACTOR MUST USE THIS SPOT ELEVATION PLAN AND GRID TO PROVIDE AS-BUILT ELEVATIONS FOR P-152, P-154, P-211, AND EACH 2" LIFT OF P-401.

KEY MAP



GRAPHIC SCALE
(IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT ELEVATION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-604

FILENAME: C:\PWWORKING\EAST01\D312362810365381\C-601.DWG
PLOT DATE: 2025/05/21 AT 12:46 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

MATCHLINE - SEE SHEET C-608

MATCH EXISTING PAVEMENT ELEVATIONS WHERE VENT PIPES ARE BEING INSTALLED. CONTRACTOR SHALL PROVIDE SPOT ELEVATIONS TO ENGINEER AT A 25' X 10' GRID PRIOR TO BEGINNING CONSTRUCTION IN THIS AREA

APRON

MATCH EXISTING PAVEMENT ELEVATIONS

MATCHLINE - SEE SHEET C-604

MATCHLINE - SEE SHEET C-606

TAXIWAY D7 CENTERLINE SEE SHEET C-511 FOR CENTERLINE ELEVATIONS

TAXIWAY D CENTERLINE SEE SHEETS C-507 TO C-508 FOR CENTERLINE ELEVATIONS

TWY C

MATCHLINE - SEE SHEET C-608

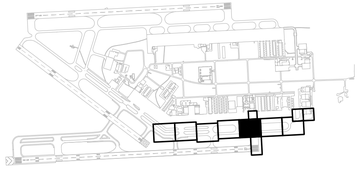
LEGEND

X.XX	TOP OF ASPHALT PAVEMENT ELEVATION POINT (FEET)
	PROPOSED TAXIWAY PAVEMENT
	PROPOSED TAXIWAY SHOULDER PAVEMENT
	PROPOSED ACCESS ROAD PAVEMENT
	PROPOSED EROSION CONTROL PAVEMENT
	PROPOSED OIL WATER SEPARATOR CONCRETE TOP SLAB
	PROPOSED TRENCH DRAIN

NOTES

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2. SEE TYPICAL SECTIONS SHEETS (C-310 TO C-313) FOR VARIOUS PAVEMENT SECTION DETAILS.
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4. SEE DRAINAGE AND GRADING PLAN SHEETS (C-400 AND C-500 SERIES) FOR ADDITIONAL INFORMATION.
5. MATCH THE EXISTING ELEVATION WHEREVER PAVEMENT TIES BACK TO THE EXISTING PAVEMENT.
6. CONTRACTOR MUST USE THIS SPOT ELEVATION PLAN AND GRID TO PROVIDE AS-BUILT ELEVATIONS FOR P-152, P-154, P-211, AND EACH 2" LIFT OF P-401.

KEY MAP



GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI
ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

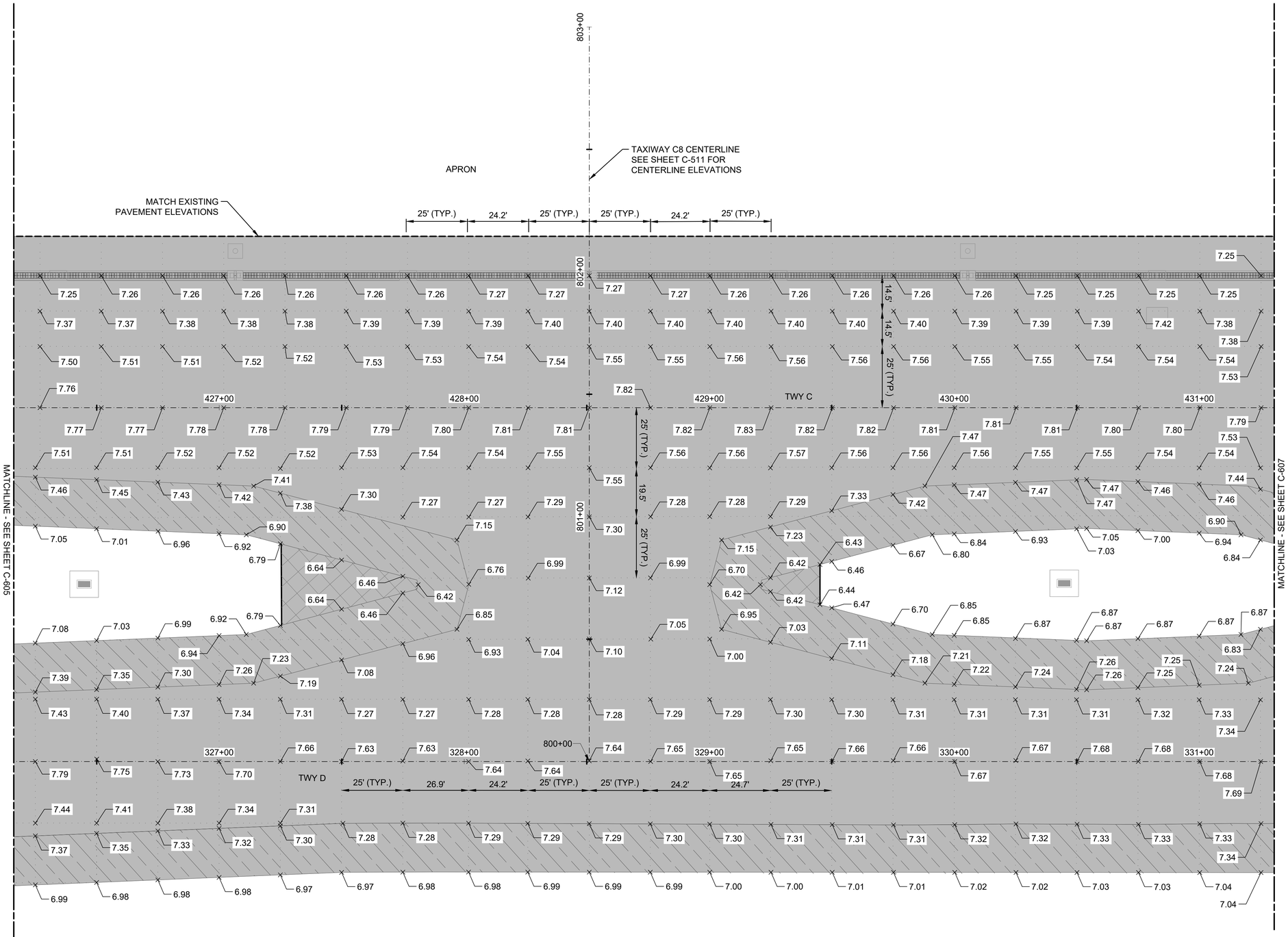
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT ELEVATION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-605

FILENAME: C:\PWWORKING\EAST01\D312362\I10365381\C-601.DWG
PLOT DATE: 2025/05/21 AT 12:46 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



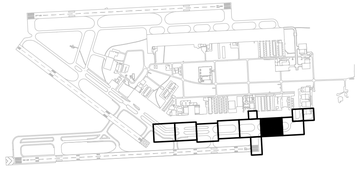
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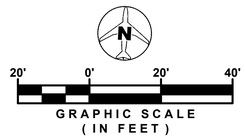
X.XX	TOP OF ASPHALT PAVEMENT ELEVATION POINT (FEET)
	PROPOSED TAXIWAY PAVEMENT
	PROPOSED TAXIWAY SHOULDER PAVEMENT
	PROPOSED ACCESS ROAD PAVEMENT
	PROPOSED EROSION CONTROL PAVEMENT
	PROPOSED OIL WATER SEPARATOR CONCRETE TOP SLAB
	PROPOSED TRENCH DRAIN

NOTES

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KEY MAP





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-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

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MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

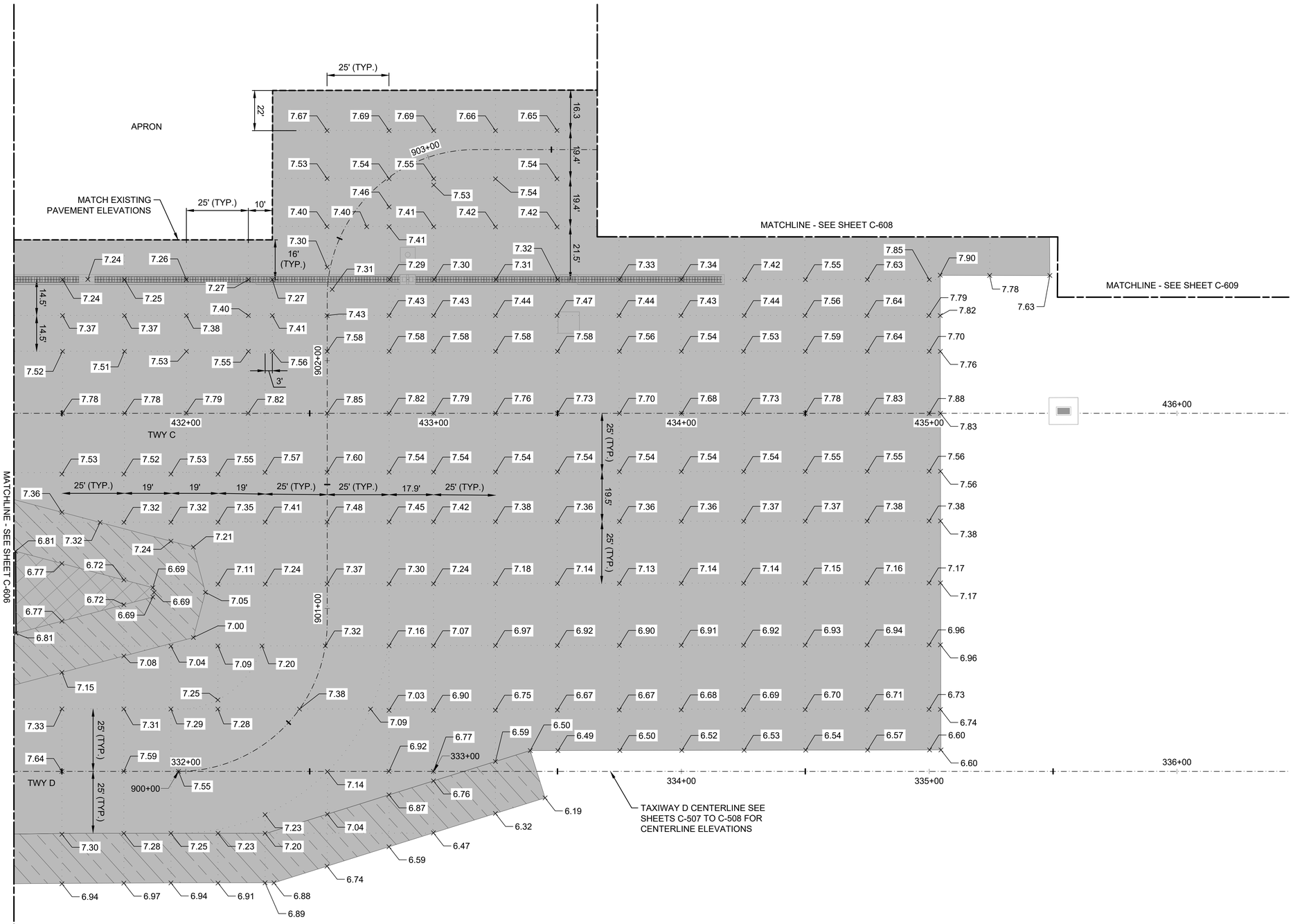
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT ELEVATION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-606

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381\C-601.DWG
PLOT DATE: 2025/05/21 AT 12:46 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



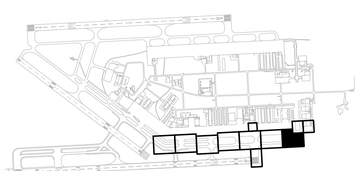
LEGEND

X.XX	TOP OF ASPHALT PAVEMENT ELEVATION POINT (FEET)
	PROPOSED TAXIWAY PAVEMENT
	PROPOSED TAXIWAY SHOULDER PAVEMENT
	PROPOSED ACCESS ROAD PAVEMENT
	PROPOSED EROSION CONTROL PAVEMENT
	PROPOSED OIL WATER SEPARATOR CONCRETE TOP SLAB
	PROPOSED TRENCH DRAIN

NOTES

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KEY MAP



GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI
ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

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8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
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LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
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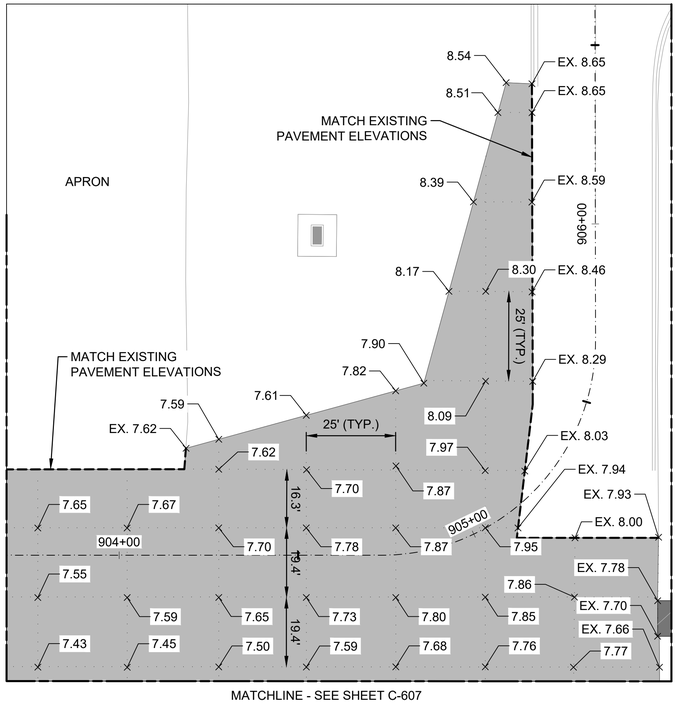
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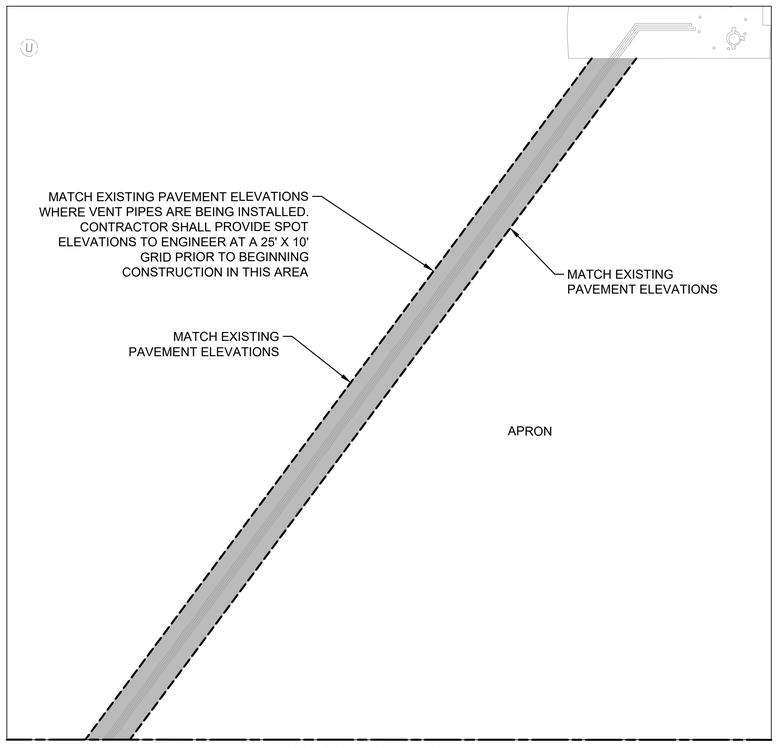
PAVEMENT ELEVATION PLAN

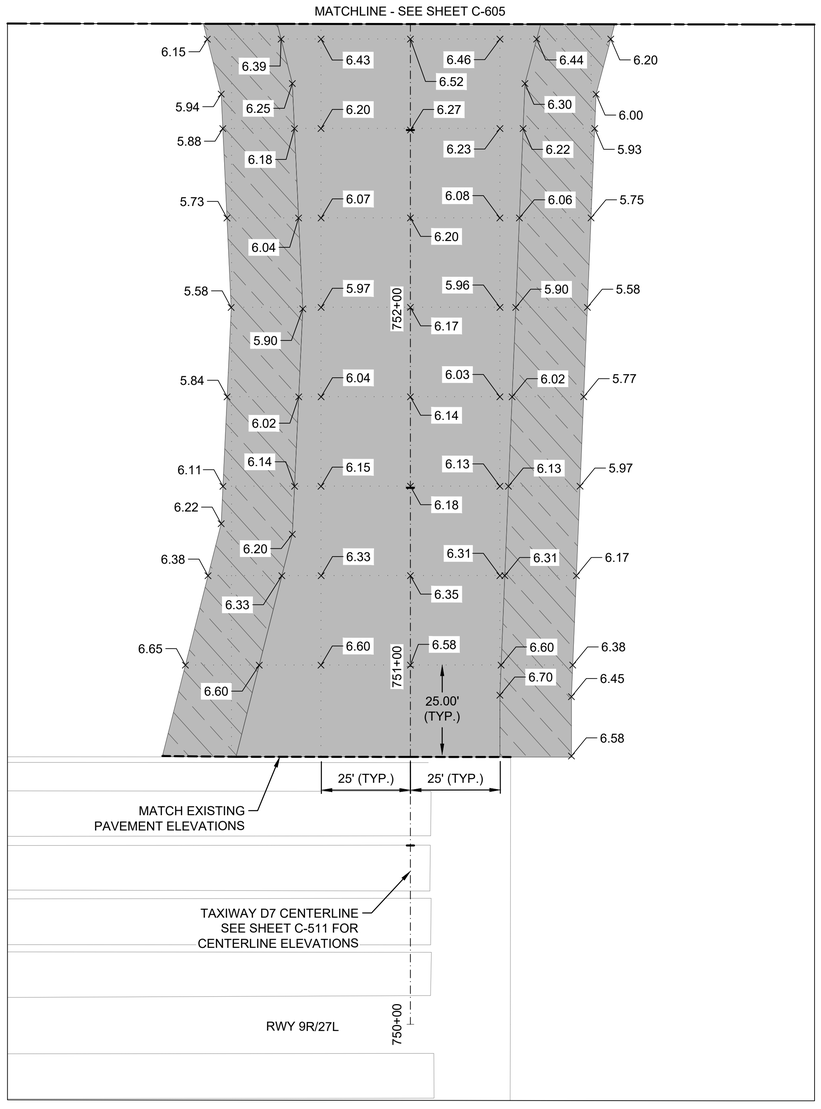
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-607

FILENAME: C:\PWWORKING\EAST01\D3123626103653\1C-601.DWG
PLOT DATE: 2025/05/21 AT 12:46 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL







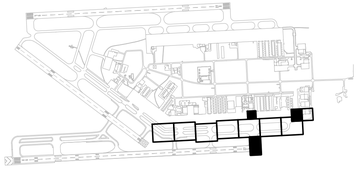
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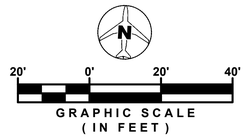
X.XX	TOP OF ASPHALT PAVEMENT ELEVATION POINT (FEET)
	PROPOSED TAXIWAY PAVEMENT
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NOTES

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KEY MAP





MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

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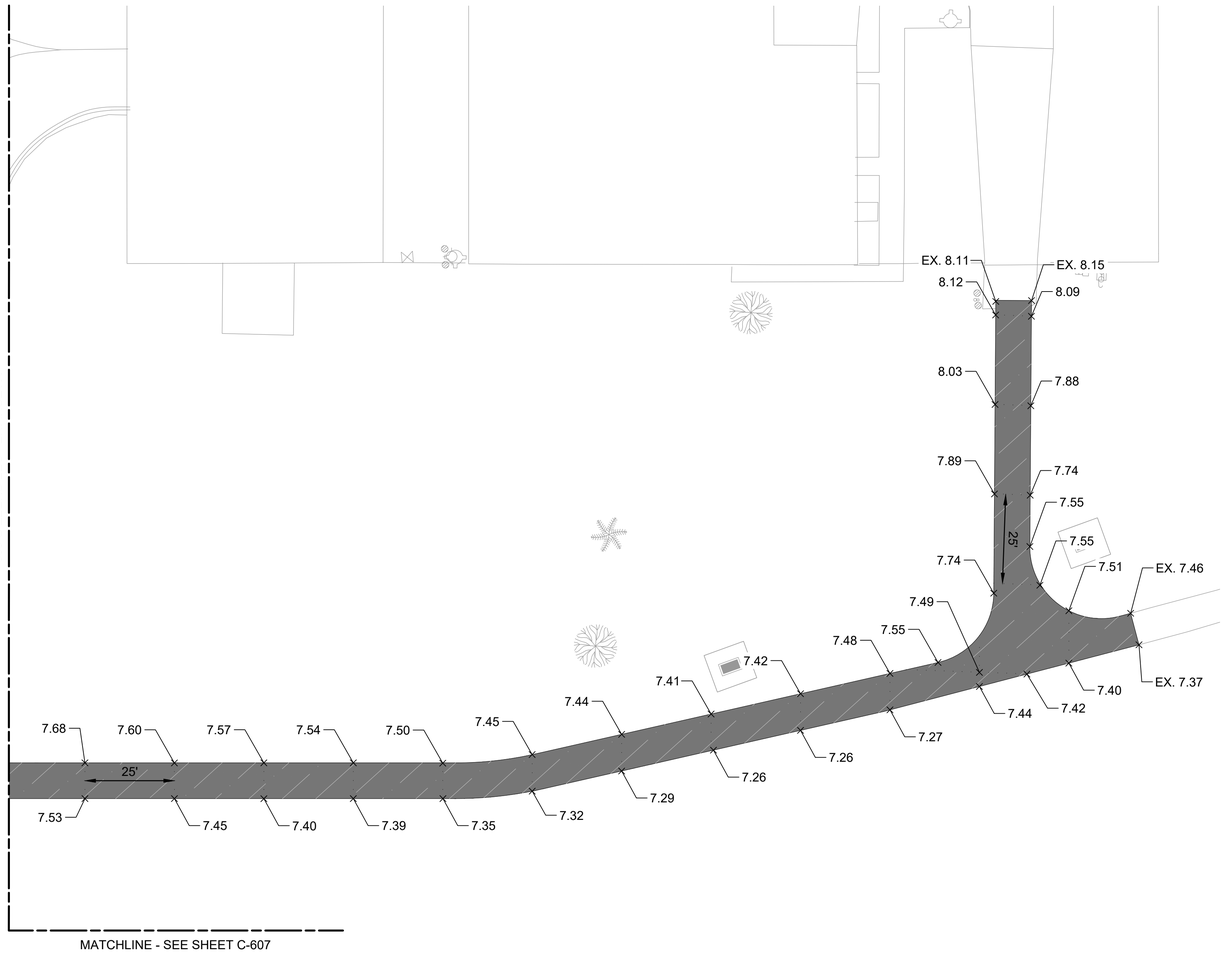
LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

PAVEMENT ELEVATION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-608

FILENAME: C:\PWWORKING\EAST01\D3123426\103653\81C-601.DWG
PLOT DATE: 2025/05/21 AT 12:47 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



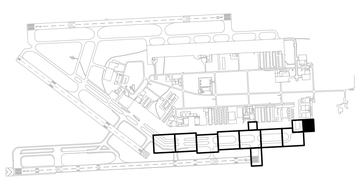
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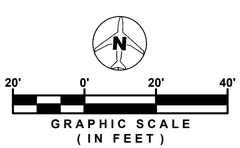
X.XX	TOP OF ASPHALT PAVEMENT ELEVATION POINT (FEET)
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KEY MAP





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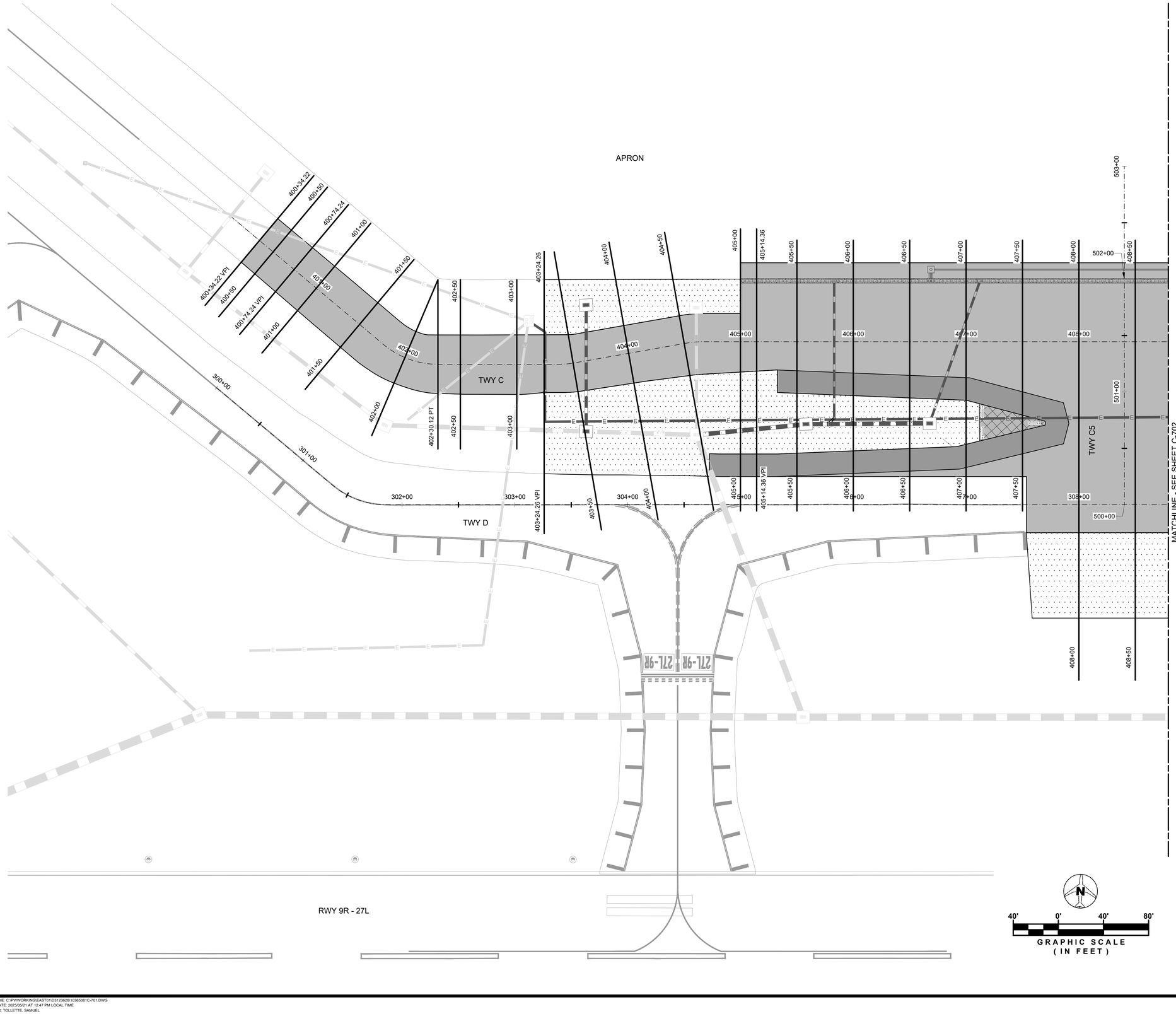
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT ELEVATION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-609

FILENAME: C:\PWWORKING\EAST01\D3123426\10365381\C-601.DWG
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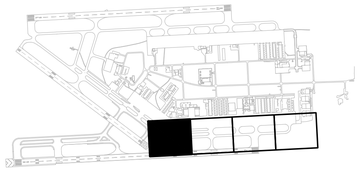
LEGEND

- PROPOSED TAXIWAY PAVEMENT
- PROPOSED SHOULDER PAVEMENT
- PROPOSED ACCESS ROAD PAVEMENT
- PROPOSED EROSION CONTROL PAVEMENT
- PROPOSED SOD
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- PROPOSED TRENCH DRAIN
- PROPOSED ELECTRICAL DUCT
- EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

NOTES

1. SEE SHEETS X-101 TO X-150 FOR CROSS SECTIONS
2. SEE GEOMETRIC CONTROL PLAN ON SHEET C-101 FOR PROPOSED ALIGNMENT AND STAKING INFORMATION
3. SEE GEOMETRY PLAN ON SHEETS C-301 TO C-305 FOR ADDITIONAL INFORMATION
4. SEE TYPICAL SECTIONS ON SHEETS C-310 TO C-313 FOR ADDITIONAL INFORMATION
5. SEE GRADING PLAN ON SHEETS C-501 TO C-512 FOR ADDITIONAL INFORMATION
6. CONTRACTOR MUST USE THE CROSS SECTIONS TO PROVIDE AS-BUILT ELEVATIONS FOR FINISHED GRADE FOR P-401 AND INFIELD AREAS.

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI
ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
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MIAMI, FLORIDA 33102-5504

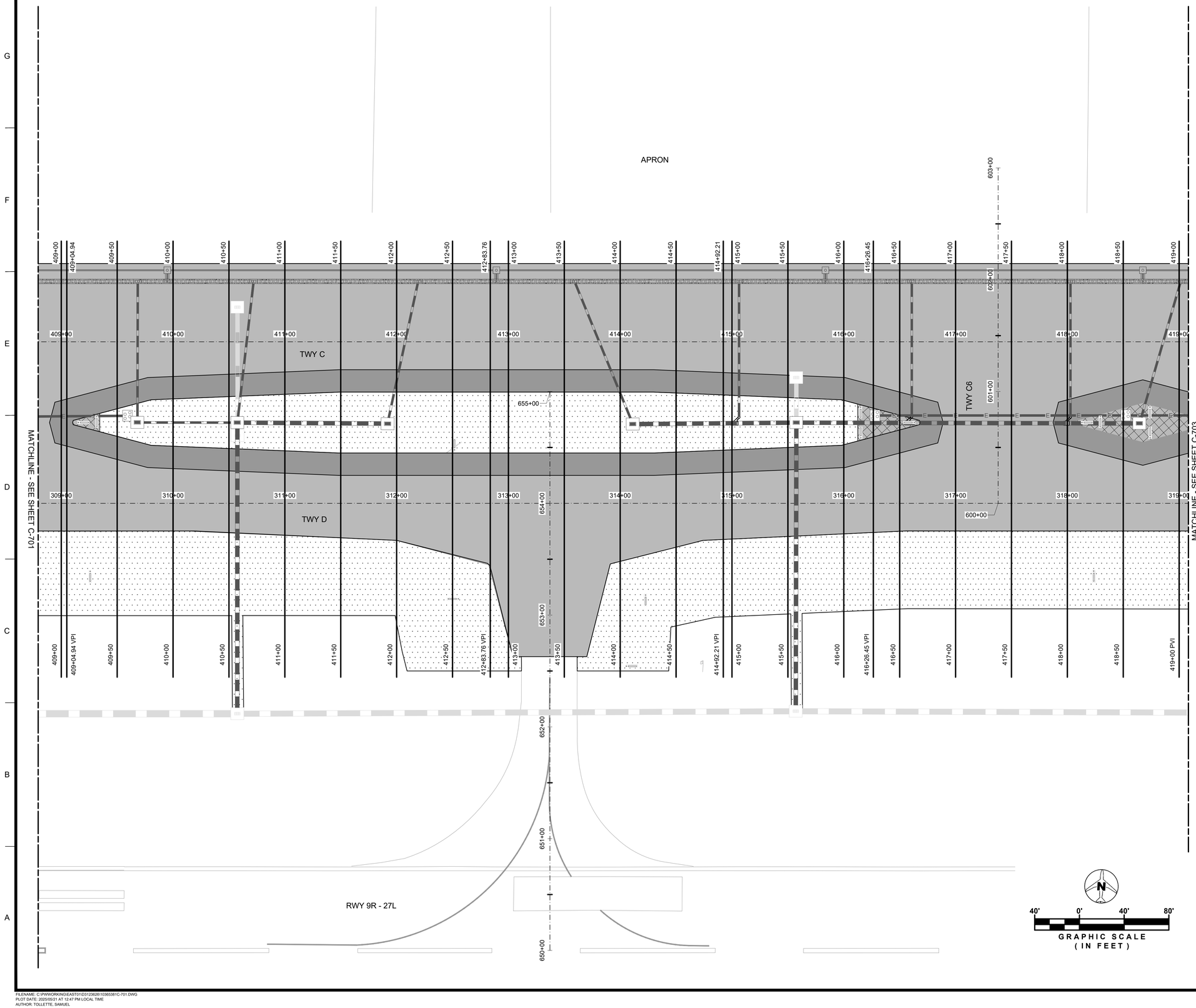
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTION PLAN VIEW

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-701

FILENAME: C:\PWWORKING\EAST01\D312362811036538 1C-701.DWG
PLOT DATE: 2025/05/21 AT 12:47 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



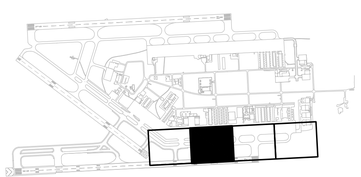
LEGEND

- PROPOSED TAXIWAY PAVEMENT
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- PROPOSED ACCESS ROAD PAVEMENT
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- EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

NOTES

1. SEE SHEETS X-101 TO X-150 FOR CROSS SECTIONS
2. SEE GEOMETRIC CONTROL PLAN ON SHEET C-101 FOR PROPOSED ALIGNMENT AND STAKING INFORMATION
3. SEE GEOMETRY PLAN ON SHEETS C-301 TO C-305 FOR ADDITIONAL INFORMATION
4. SEE TYPICAL SECTIONS ON SHEETS C-310 TO C-313 FOR ADDITIONAL INFORMATION
5. SEE GRADING PLAN ON SHEETS C-501 TO C-512 FOR ADDITIONAL INFORMATION
6. CONTRACTOR MUST USE THE CROSS SECTIONS TO PROVIDE AS-BUILT ELEVATIONS FOR FINISHED GRADE FOR P-401 AND INFIELD AREAS.

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

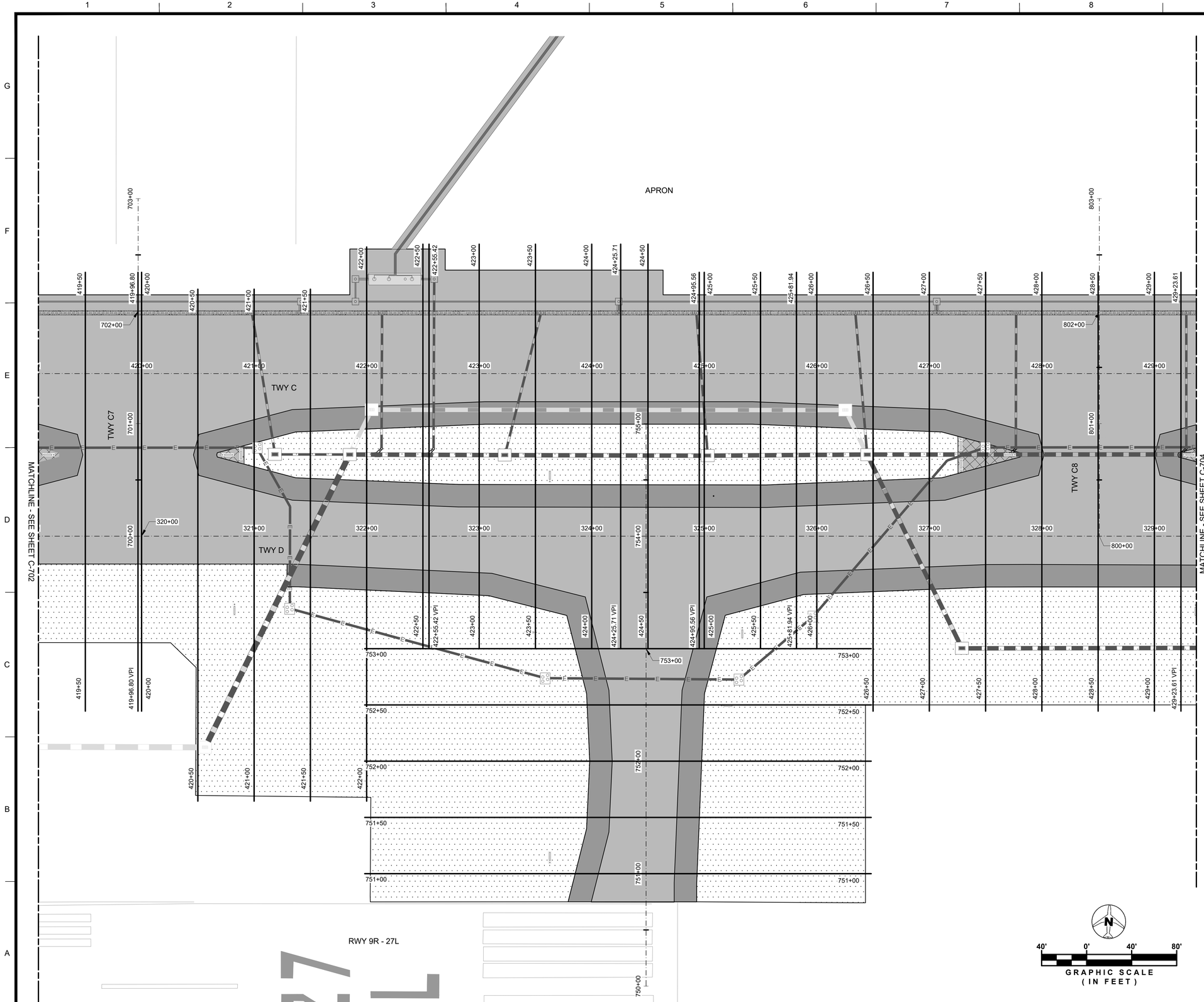
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTION PLAN VIEW

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-702

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381\C-701.DWG
PLOT DATE: 2025/05/21 AT 12:47 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



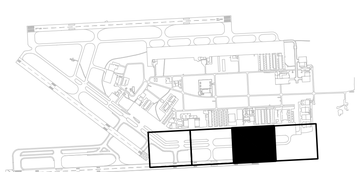
LEGEND

- PROPOSED TAXIWAY PAVEMENT
- PROPOSED SHOULDER PAVEMENT
- PROPOSED ACCESS ROAD PAVEMENT
- PROPOSED EROSION CONTROL PAVEMENT
- PROPOSED SOD
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- PROPOSED TRENCH DRAIN
- PROPOSED ELECTRICAL DUCT
- EXISTING ELECTRICAL DUCT
- PROPSED ELECTRICAL JCP
- EXISTING ELECTRICAL JCP

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KEY MAP



GRAPHIC SCALE
(IN FEET)
40' 0' 40' 80'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: W. BOWDOIN	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

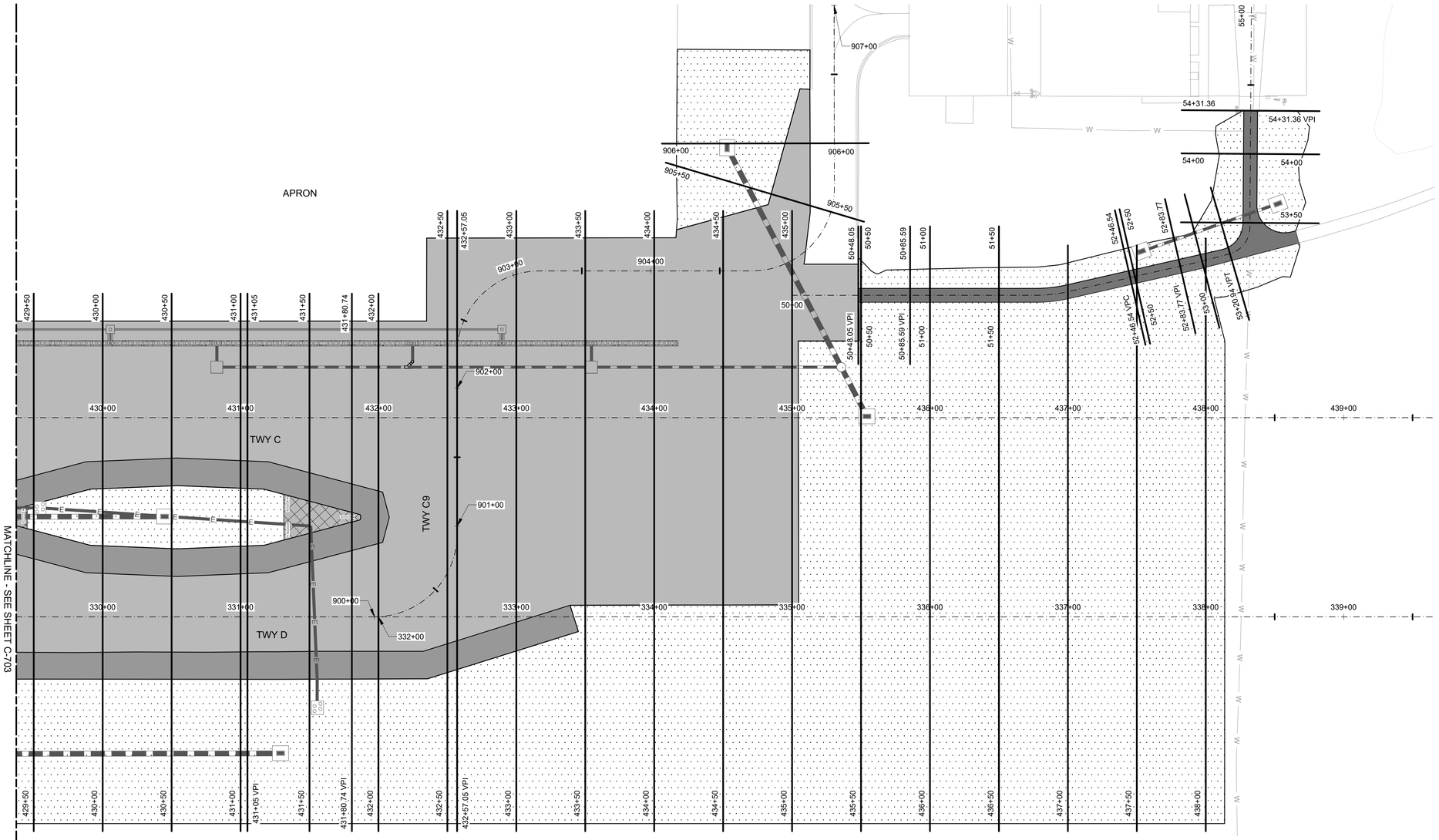
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE E230
DORAL, FL 33166
(305) 728-7452

CROSS SECTION PLAN VIEW

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-703

FILENAME: C:\PWWORKING\EAST01\D312362610365381C-701.DWG
PLOT DATE: 2025/05/21 AT 12:48 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



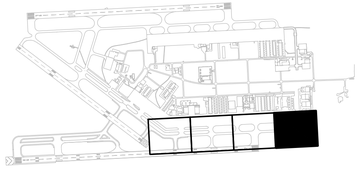
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KEY MAP



N

40' 0' 40' 80'

GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

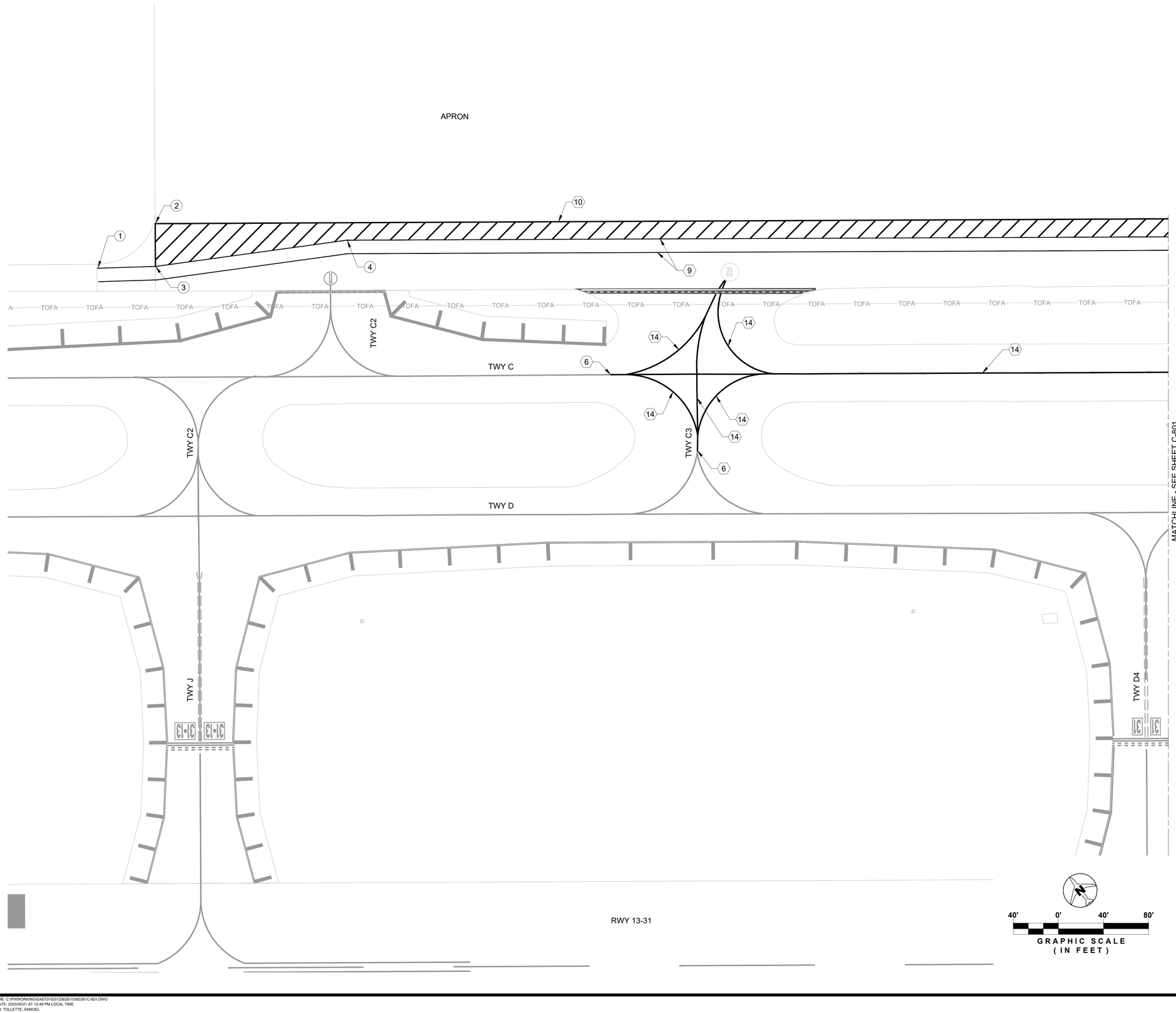
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTION PLAN VIEW

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-704

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381C-701.DWG
PLOT DATE: 2025/05/21 AT 12:48 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

XXX — MARKING POINTS

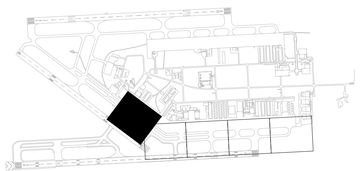
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3. NON-MOVEMENT MARKING (DETAIL 3 ON SHEET C-811)
4. TAXIWAY SHOULDER MARKING (DETAIL 6 ON SHEET C-811)
5. APRON SPOT MARKING (DETAIL 4 ON SHEET C-811)
6. TIE INTO EXISTING MARKING
7. DASHED TAXIWAY EDGE MARKING (DETAIL 5 ON SHEET C-811)
8. SURFACE PAINTED HOLDING POSITION SIGN 2 (DETAIL 2 ON SHEET C-813)
9. FIRE ACCESS ROAD EDGE MARKING (DETAIL 1 ON SHEET C-813)
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17. REFRESH EXISTING RUNWAY EDGE MARKING

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

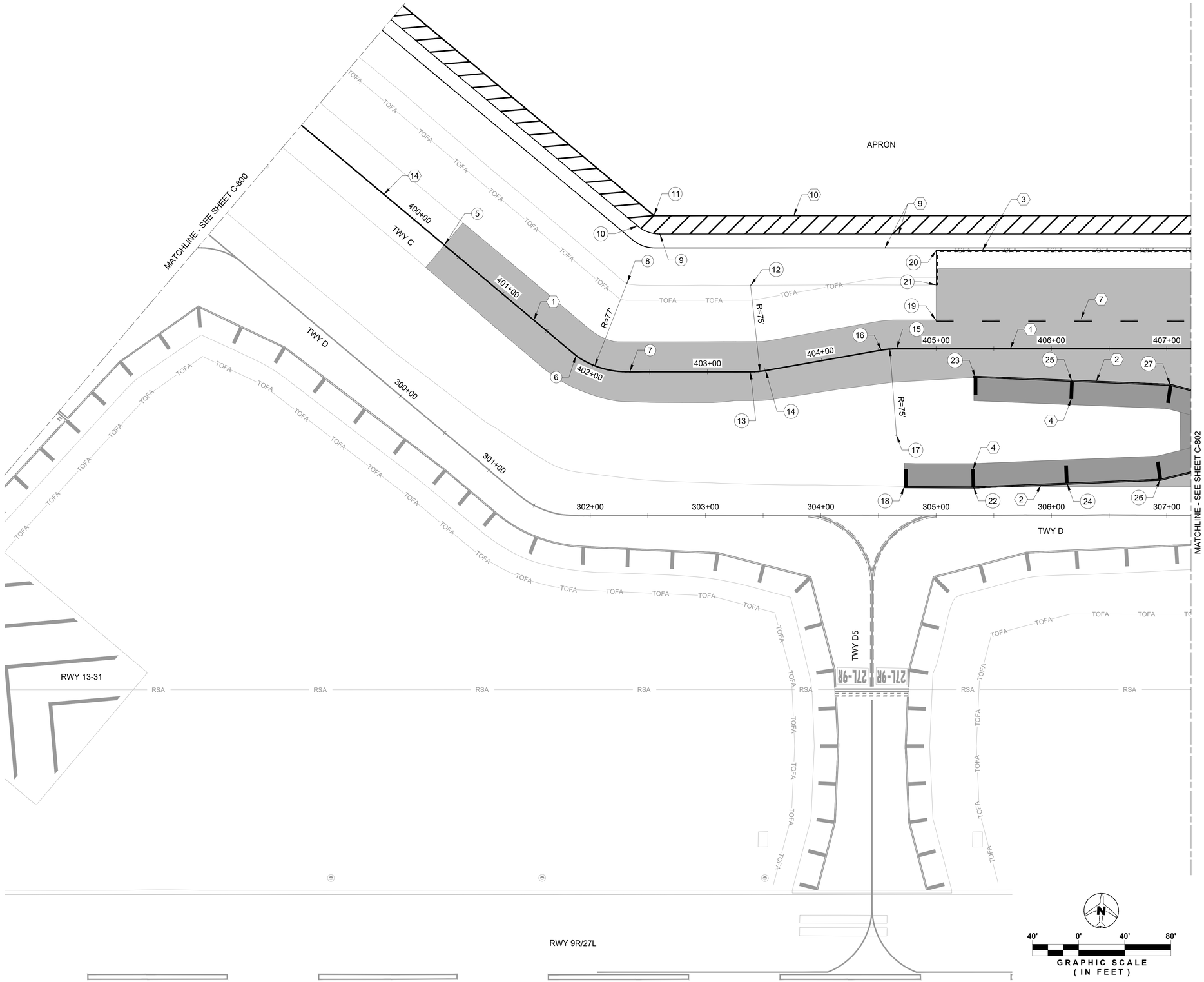
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT MARKING PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-800

FILENAME: C:\PWWORKING\EAST01\D3123626\I10365381\C-801.DWG
PLOT DATE: 2025/05/21 AT 12:48 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

XXX — MARKING POINTS

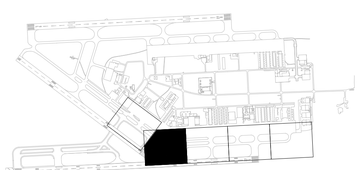
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KEY MAP



GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI
ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

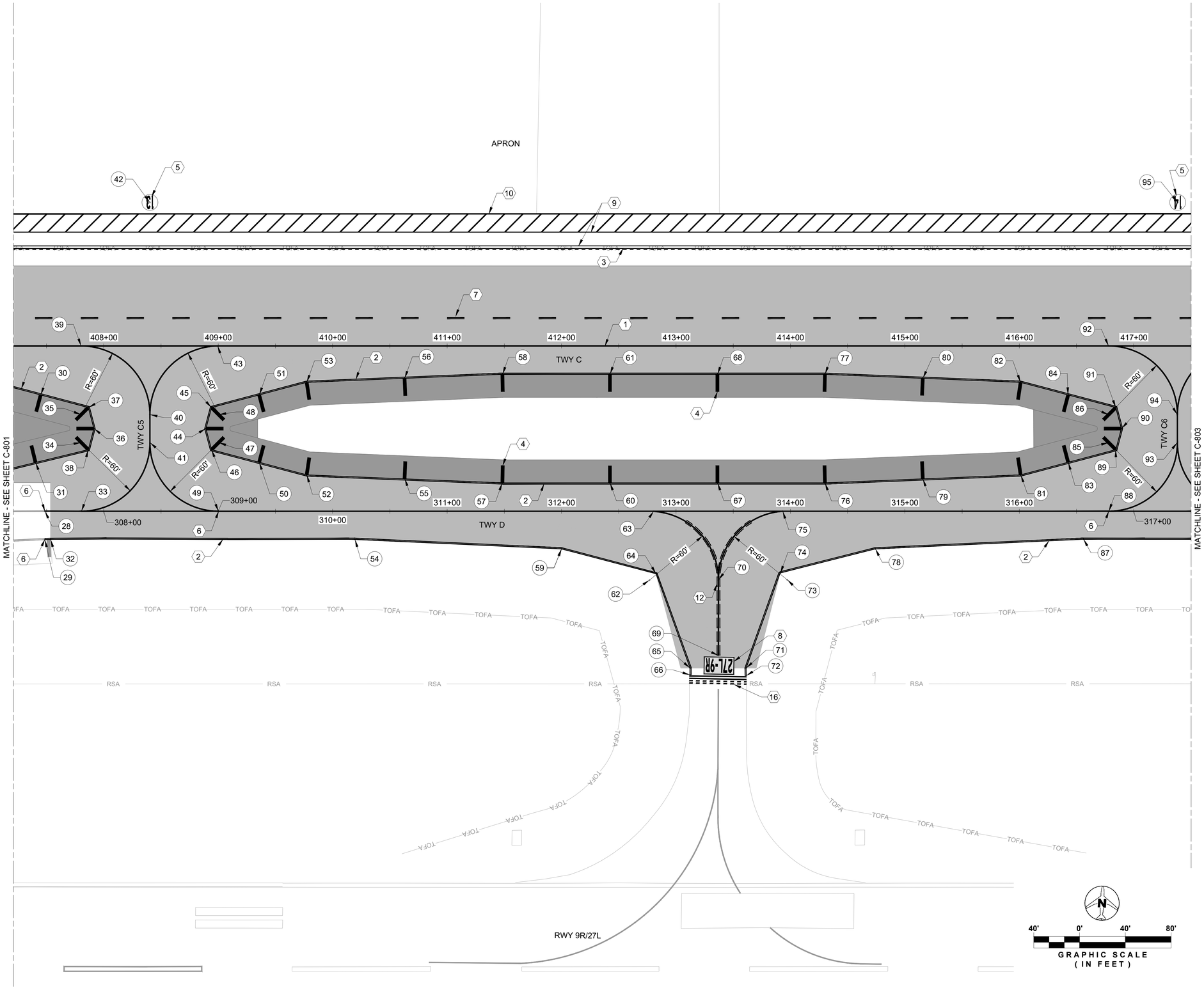
HDR ENGINEERING, INC.
8333 NW 53RD ST, STE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT MARKING PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-801

FILENAME: C:\PWWORKING\EAST01\D312362810\3653810C-801.DWG
PLOT DATE: 2025/05/21 AT 12:48 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

XXX — MARKING POINTS

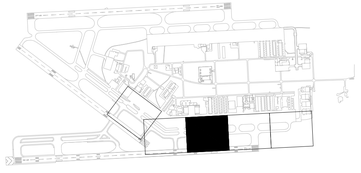
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KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
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SUBMITTED BY: R. DOSSANI

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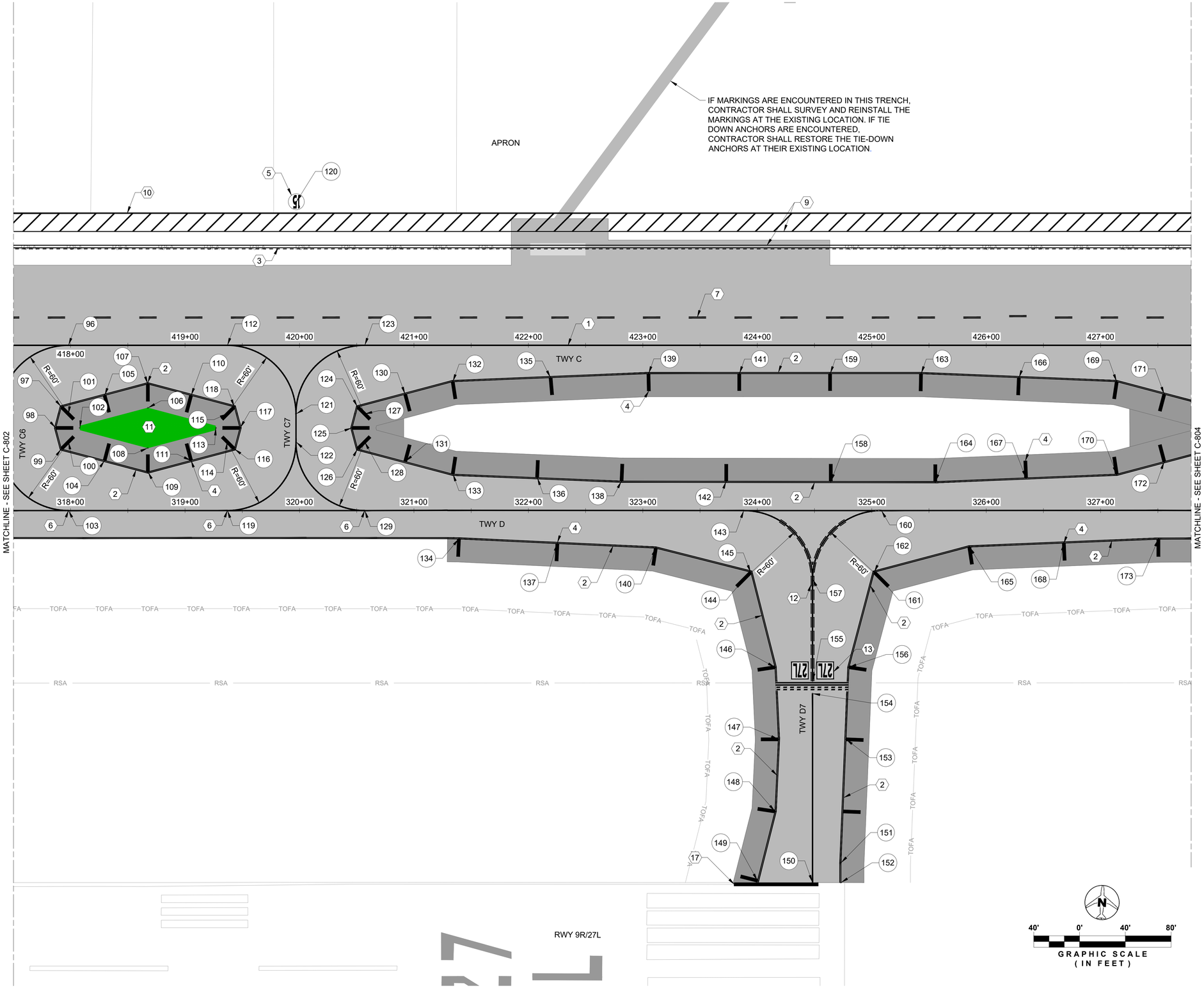
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT MARKING PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-802

FILENAME: C:\PWWORKING\EAST01\D312362611036538 1C-801.DWG
PLOT DATE: 2025/05/21 AT 12:48 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

XXX — MARKING POINTS

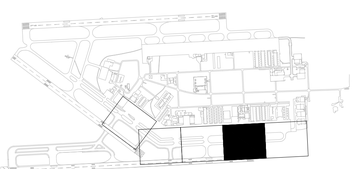
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KEY MAP



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40' 0' 40' 80'

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LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
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CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

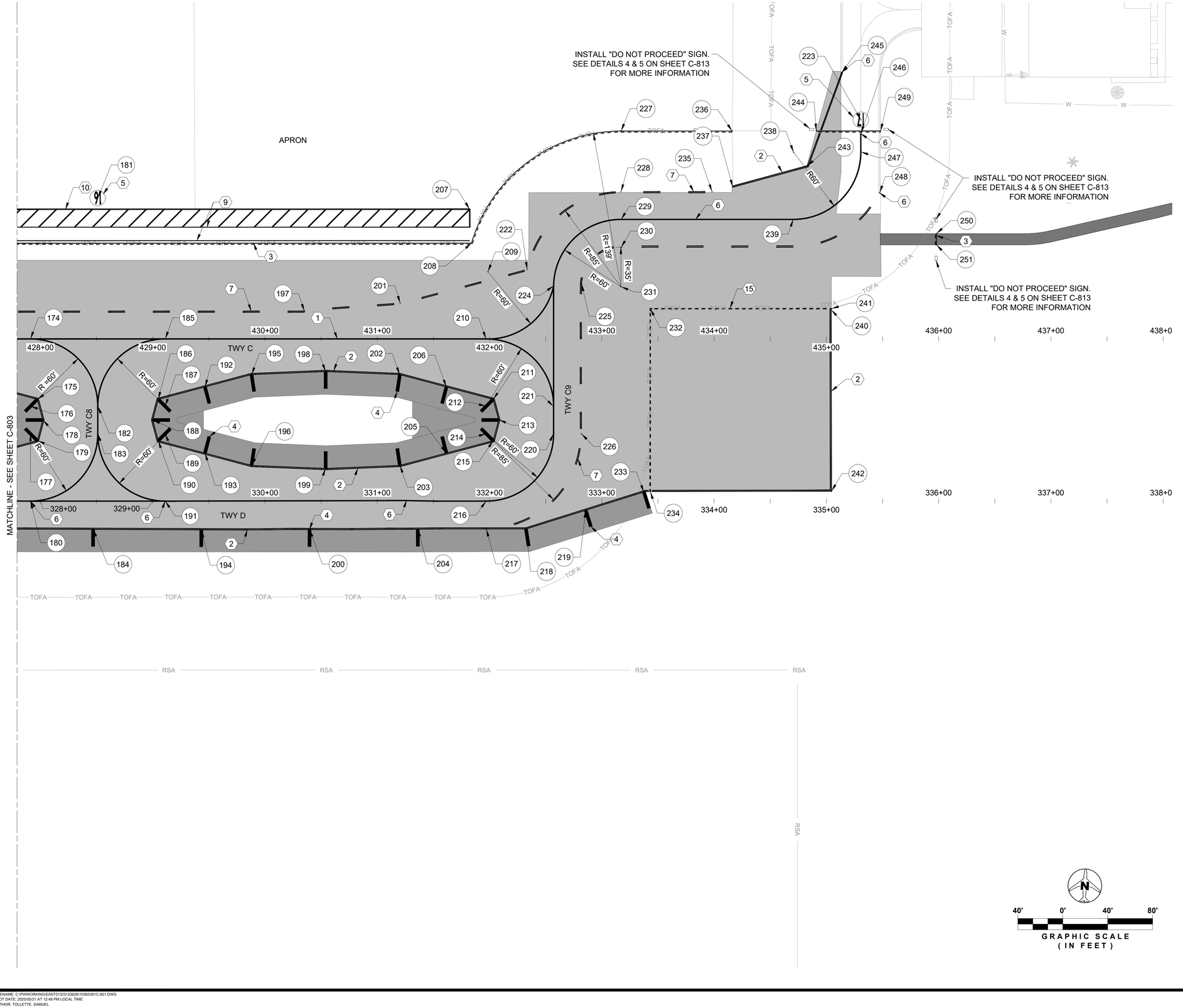
HDR ENGINEERING, INC.
8333 NW 53RD STREET E 250
DORAL, FL 33166
(305) 728-7452

PAVEMENT MARKING PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-803

FILENAME: C:\PWWORKING\EAST01\D312362610365381C-801.DWG
PLOT DATE: 2025/05/21 AT 12:48 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

XXX — MARKING POINTS

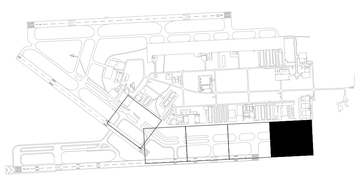
NOTES

1. ALL PROPOSED MARKING LOCATIONS SHOWN SHALL BE PREPARED PRIOR TO APPLICATION PER SPECIFICATION P-620.
2. ALL MARKINGS ON NEW PAVEMENT SHALL FIRST BE APPLIED AS TEMPORARY MARKINGS UNTIL FINAL MARKINGS CAN BE APPLIED. PROPOSED MARKINGS ON EXISTING PAVEMENT SHALL BE APPLIED AS FINAL MARKINGS
3. ALL FINAL MARKINGS WILL BE OUTLINED IN 6" BLACK PAINT UNLESS OTHERWISE SPECIFIED IN THE DETAILS. THE BLACK PAINT WILL EXTEND 6" BEYOND AND ENCOMPASS EACH INDIVIDUAL PORTION OF THE MARKING. TEMPORARY MARKING SHALL NOT CONTAIN BLACK PAINT OUTLINES.
4. NO PAINT SHALL BE APPLIED UNTIL THE MARKING LAYOUTS AND PAVEMENT CONDITIONS HAVE BEEN APPROVED BY THE CONSTRUCTION MANAGER AND AIRPORT OPERATIONS.
5. ANY MARKING THAT IS NOT PAINTED CORRECTLY WITH RESPECT TO LOCATION, DIMENSIONS, OR PROPER ALIGNMENT SHALL BE REMOVED AND REPAINTED AT NO ADDITIONAL COST TO THE OWNER.
6. ALL PAINT MATERIALS AND WORKMANSHIP SHALL CONFORM TO FAA SPECIFICATIONS P-620.
7. CONTRACTOR SHALL PERFORM A TEST SECTION BEFORE PROCEEDING WITH WORK. THE CONSTRUCTION MANAGER AND ENGINEER SHALL APPROVE QUALITY AND METHOD.
8. ANY EXISTING MARKINGS TO REMAIN THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAINTED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER.

KEYNOTES

1. TAXIWAY CENTERLINE MARKING (DETAIL 1 ON SHEET C-811)
2. TAXIWAY EDGE MARKING (DETAIL 2 ON SHEET C-811)
3. NON-MOVEMENT MARKING (DETAIL 3 ON SHEET C-811)
4. TAXIWAY SHOULDER MARKING (DETAIL 6 ON SHEET C-811)
5. APRON SPOT MARKING (DETAIL 4 ON SHEET C-811)
6. TIE INTO EXISTING MARKING
7. DASHED TAXIWAY EDGE MARKING (DETAIL 5 ON SHEET C-811)
8. SURFACE PAINTED HOLDING POSITION SIGN 2 (DETAIL 2 ON SHEET C-813)
9. FIRE ACCESS ROAD EDGE MARKING (DETAIL 1 ON SHEET C-813)
10. AIRCRAFT CONTAINMENT/ NO ACCESS LINE MARKING (DETAIL 1 ON SHEET C-813)
11. GREEN PAINTED NO-TAXI ISLAND (DETAIL 3 ON SHEET C-813)
12. ENHANCED TAXIWAY CENTERLINE (DETAIL 1 & 3 ON SHEET C-812)
13. SURFACE PAINTED HOLDING POSITION SIGN 1 (DETAIL 2 ON SHEET C-812)
14. RE-STRIPE OVER EXISTING 6" TAXIWAY CENTERLINE WITH NEW 12" TAXIWAY CENTERLINE (DETAIL 1 ON SHEET C-811)
15. INTERMEDIATE HOLD MARKING (DETAIL 5 ON SHEET C-812)
16. REFRESH EXISTING RUNWAY HOLD BAR (DETAIL 4 ON SHEET C-812)
17. REFRESH EXISTING RUNWAY EDGE MARKING

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
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PAVEMENT MARKING PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-804

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381\C-801.DWG
PLOT DATE: 2025/05/21 AT 12:48 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

MARKING POINTS
SHEET C-800

POINT NO.	REFERENCE ALIGNMENT	NORTHING	EASTING	NOTES
1	N/A	477857.17	843026.89	FIRE ACCESS LANE PI
2	N/A	477857.70	843091.30	LEASE LINE PI
3	N/A	477827.44	843068.37	FIRE ACCESS LANE PI
4	N/A	477742.82	843217.57	FIRE ACCESS LANE PI

MARKING POINTS
SHEET C-801

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET	NOTES
5	Taxiway C	400+34.06	0.00	TWY C CENTERLINE PI
6	Taxiway C	401+83.21	0.00L	TWY C CENTERLINE PC
7	Taxiway C	402+32.49	0.00R	TWY C CENTERLINE PT
8	Taxiway C	401+76.48	76.86L	TWY C CENTERLINE RADIUS
9	Taxiway C	402+58.64	119.49L	FIRE ACCESS LANE PT
10	Taxiway C	401+51.81	120.41L	FIRE ACCESS LANE PC
11	Taxiway C	402+53.58	135.51L	LEASE LINE PI
12	Taxiway C	403+37.37	75.00L	TWY C CENTERLINE RADIUS
13	Taxiway C	403+37.37	0.00	TWY C CENTERLINE PC
14	Taxiway C	403+50.46	0.00	TWY C CENTERLINE PT
15	Taxiway C	404+65.63	0.00	TWY C CENTERLINE PT
16	Taxiway C	404+52.54	0.00	TWY C CENTERLINE PC
17	Taxiway D	304+65.63	69.50L	TWY C CENTERLINE RAD
18	Taxiway D	304+72.43	24.75L	TWY EDGE / SHOULDER
19	Taxiway C	405+00.00	24.75L	TWY C EDGE MARKING
20	Taxiway C	405+00.25	85.25L	NON-MOVEMENT
21	Taxiway C	405+00.25	55.41L	NON-MOVEMENT
22	Taxiway D	305+32.31	24.75L	TWY EDGE / SHOULDER
23	Taxiway C	405+34.19	24.75R	TWY EDGE / SHOULDER
24	Taxiway D	306+13.33	28.07L	TWY EDGE / SHOULDER
25	Taxiway C	406+17.82	28.25R	TWY EDGE / SHOULDER
26	Taxiway D	306+94.36	31.38L	TWY EDGE / SHOULDER
27	Taxiway C	407+03.35	31.75R	TWY EDGE / SHOULDER

MARKING POINTS
SHEET C-802

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET	NOTES
28	Taxiway D	307+48.46	0.00	TWY D CENTERLINE PI
29	Taxiway D	307+48.46	24.79R	TWY EDGE PI
30	Taxiway C	407+44.83	42.88R	TWY EDGE / SHOULDER
31	Taxiway D	307+40.38	42.57L	TWY EDGE / SHOULDER
32	Taxiway D	307+53.46	24.75R	TWY EDGE PI
33	Taxiway D	307+80.31	0.00	TWY C5 CENTERLINE PC
34	Taxiway D	307+80.28	60.00L	TWY C5 CENTERLINE RADIUS
35	Taxiway C	407+80.31	60.00R	TWY C5 CENTERLINE RADIUS
36	Taxiway C	407+91.41	72.25R	TWY EDGE / SHOULDER
37	Taxiway C	407+86.52	53.80R	TWY EDGE / SHOULDER
38	Taxiway D	307+86.52	53.79L	TWY EDGE / SHOULDER
39	Taxiway C	407+80.31	0.00	TWY C5 CENTERLINE PC
40	Taxiway C	408+40.31	60.00R	TWY C5 CENTERLINE PT
41	Taxiway D	308+40.31	60.00L	TWY C5 CENTERLINE PT
42	Taxiway C	408+40.29	125.46L	TWY C6 APRON SPOT MARKING "13"
43	Taxiway C	408+99.30	0.00R	TWY C5 CENTERLINE PT
44	Taxiway C	408+89.22	72.25R	TWY EDGE / SHOULDER
45	Taxiway C	408+94.11	53.80R	TWY EDGE / SHOULDER
46	Taxiway D	308+94.11	53.80L	TWY EDGE / SHOULDER
47	Taxiway D	309+00.31	60.00L	TWY C5 CENTERLINE RADIUS
48	Taxiway C	409+00.31	60.00R	TWY C5 CENTERLINE RADIUS
49	Taxiway D	309+00.31	0.00	TWY C5 CENTERLINE PC
50	Taxiway D	309+35.75	42.76L	TWY EDGE / SHOULDER
51	Taxiway C	409+35.75	42.76R	TWY EDGE / SHOULDER
52	Taxiway D	309+77.30	31.75L	TWY EDGE / SHOULDER
53	Taxiway C	409+77.30	31.75R	TWY EDGE / SHOULDER
54	Taxiway D	310+19.42	24.75R	TWY EDGE PI
55	Taxiway D	310+62.81	28.50L	TWY EDGE / SHOULDER
56	Taxiway C	410+62.80	28.25R	TWY EDGE / SHOULDER
57	Taxiway D	311+48.30	24.75L	TWY EDGE / SHOULDER
58	Taxiway C	411+48.31	24.75R	TWY EDGE / SHOULDER
59	Taxiway D	312+00.12	32.90R	TWY EDGE PI
60	Taxiway D	312+42.24	24.75L	TWY EDGE / SHOULDER

MARKING POINTS
SHEET C-802

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET	NOTES
61	Taxiway C	412+42.24	24.75R	TWY EDGE / SHOULDER
62	Taxiway D	312+76.83	60.26R	TWY D6 CENTERLINE RADIUS
63	Taxiway D	312+80.62	0.00L	TWY D6 CENTERLINE PC
64	Taxiway D	312+82.63	54.59R	TWY EDGE PI
65	Taxiway D	313+12.30	137.07R	TWY EDGE PI
66	Taxiway D	313+12.23	143.01R	TWY EDGE PI
67	Taxiway D	313+36.17	24.75L	TWY EDGE / SHOULDER
68	Taxiway C	413+36.17	24.75R	TWY EDGE / SHOULDER
69	Taxiway D	313+37.04	126.04R	TWY D6 CENTERLINE PI
70	Taxiway D	313+37.12	59.98R	TWY D6 CENTERLINE PT
71	Taxiway D	313+61.23	137.07R	TWY EDGE PI
72	Taxiway D	313+61.31	143.73R	TWY EDGE PI
73	Taxiway D	313+97.17	59.93R	TWY D6 CENTERLINE RADIUS
74	Taxiway D	313+91.09	54.11R	TWY EDGE PI
75	Taxiway D	313+93.14	0.00	TWY D6 CENTERLINE PC
76	Taxiway D	314+30.08	24.75L	TWY EDGE / SHOULDER
77	Taxiway C	414+30.09	24.75R	TWY EDGE / SHOULDER
78	Taxiway D	314+74.05	32.90R	TWY EDGE PI
79	Taxiway D	315+15.61	28.25L	TWY EDGE / SHOULDER
80	Taxiway C	415+15.61	28.25R	TWY EDGE / SHOULDER
81	Taxiway D	316+01.12	31.75L	TWY EDGE / SHOULDER
82	Taxiway C	416+01.15	31.76R	TWY EDGE / SHOULDER
83	Taxiway D	316+42.65	42.76L	TWY EDGE / SHOULDER
84	Taxiway C	416+42.65	42.76R	TWY EDGE / SHOULDER
85	Taxiway D	316+78.08	60.00L	TWY C6 CENTERLINE RADIUS
86	Taxiway C	416+78.08	60.00R	TWY C6 CENTERLINE RADIUS
87	Taxiway D	316+56.00	24.44R	TWY EDGE PI
88	Taxiway D	316+78.08	0.00	TWY C6 CENTERLINE PC
89	Taxiway D	316+84.29	53.80L	TWY EDGE / SHOULDER
90	Taxiway C	416+89.18	72.24R	TWY EDGE / SHOULDER
91	Taxiway C	416+84.29	53.80R	TWY EDGE / SHOULDER
92	Taxiway C	416+78.08	0.00	TWY C6 CENTERLINE PC
93	Taxiway D	317+38.08	60.00L	TWY C6 CENTERLINE PT

MARKING POINTS
SHEET C-802

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET	NOTES
94	Taxiway C	417+38.08	60.00R	TWY C6 CENTERLINE PT
95	Taxiway C	417+38.38	125.51L	TWY C6 APRON SPOT MARKING "14"

MARK	DESCRIPTION	DATE
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
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PAVEMENT MARKING GEOMETRIC POINT TABLES

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-805

FILENAME: C:\PWWORKING\EAST01\D312362610365381C-801.DWG
PLOT DATE: 2025/05/21 AT 12:48 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

MARKING POINTS
SHEET C-803

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET	NOTES
96	Taxiway C	417+98.08	0.00	TWY C6 CENTERLINE PC
97	Taxiway C	417+91.88	53.80R	TWY EDGE / SHOULDER
98	Taxiway C	417+87.00	72.19R	TWY EDGE / SHOULDER
99	Taxiway D	317+91.88	53.80L	TWY EDGE / SHOULDER
100	Taxiway D	317+98.08	60.00L	TWY C6 CENTERLINE RADIUS
101	Taxiway C	417+98.08	60.00R	TWY C6 CENTERLINE RADIUS
102	Taxiway C	418+07.94	72.25R	GREEN NO-TAXI ISLAND
103	Taxiway D	317+98.08	0.00	TWY C6 CENTERLINE PC
104	Taxiway D	318+29.73	43.76L	TWY EDGE / SHOULDER
105	Taxiway C	418+29.73	43.76R	TWY EDGE / SHOULDER
106	Taxiway C	418+67.51	54.70R	GREEN NO-TAXI ISLAND
107	Taxiway C	418+67.51	33.75R	TWY EDGE / SHOULDER
108	Taxiway D	318+67.51	54.70L	GREEN NO-TAXI ISLAND
109	Taxiway D	318+67.51	33.75L	TWY EDGE / SHOULDER
110	Taxiway C	419+05.28	43.83R	TWY EDGE / SHOULDER
111	Taxiway D	319+05.28	43.76L	TWY EDGE / SHOULDER
112	Taxiway C	419+36.93	0.00	TWY C7 CENTERLINE PC
113	Taxiway C	419+27.07	72.25R	GREEN NO-TAXI ISLAND
114	Taxiway D	319+36.93	60.00L	TWY C7 CENTERLINE RADIUS
115	Taxiway C	419+36.93	60.00R	TWY C7 CENTERLINE RADIUS
116	Taxiway D	319+43.13	53.80L	TWY EDGE / SHOULDER
117	Taxiway C	419+48.02	72.25R	TWY EDGE / SHOULDER
118	Taxiway C	419+43.13	53.80R	TWY EDGE / SHOULDER
119	Taxiway D	319+36.93	0.00	TWY C7 CENTERLINE PC
120	Taxiway C	419+97.23	125.50L	TWY C7 APRON SPOT MARKING "15"
121	Taxiway C	419+96.93	60.00R	TWY C7 CENTERLINE PT
122	Taxiway D	319+96.93	60.00L	TWY C7 CENTERLINE PT
123	Taxiway C	420+56.93	0.00	TWY C7 CENTERLINE PC
124	Taxiway C	420+50.72	53.80R	TWY EDGE / SHOULDER
125	Taxiway C	420+45.83	72.25R	TWY EDGE / SHOULDER
126	Taxiway D	320+50.72	53.80L	TWY EDGE / SHOULDER
127	Taxiway C	420+56.93	60.00R	TWY C7 CENTERLINE RADIUS
128	Taxiway D	320+56.93	60.00L	TWY C7 CENTERLINE RADIUS
129	Taxiway D	320+56.93	0.00	TWY C7 CENTERLINE PC
130	Taxiway C	420+92.36	42.76R	TWY EDGE / SHOULDER
131	Taxiway D	320+92.43	43.00L	TWY EDGE / SHOULDER
132	Taxiway C	421+33.89	31.75R	TWY EDGE / SHOULDER
133	Taxiway D	321+33.93	32.00L	TWY EDGE / SHOULDER
134	Taxiway D	321+39.31	24.75R	TWY EDGE / SHOULDER
135	Taxiway C	422+19.44	28.25R	TWY EDGE / SHOULDER
136	Taxiway D	322+07.64	28.73L	TWY EDGE / SHOULDER
137	Taxiway D	322+25.31	28.75R	TWY EDGE / SHOULDER

MARKING POINTS
SHEET C-803

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET	NOTES
138	Taxiway D	322+81.43	25.71L	TWY EDGE / SHOULDER
139	Taxiway C	423+04.92	24.75R	TWY EDGE / SHOULDER
140	Taxiway D	323+11.36	32.76R	TWY EDGE / SHOULDER
141	Taxiway C	423+84.25	24.75R	TWY EDGE / SHOULDER
142	Taxiway D	323+72.87	25.56L	TWY EDGE / SHOULDER
143	Taxiway D	323+88.30	0.00	TWY D7 CENTERLINE PC
144	Taxiway D	323+88.30	60.00R	TWY D7 CENTERLINE RADIUS
145	Taxiway D	323+94.30	54.00R	TWY EDGE / SHOULDER
146	Taxiway D	324+15.55	136.96R	TWY EDGE / SHOULDER
147	Taxiway D	324+18.48	200.00R	TWY EDGE / SHOULDER
148	Taxiway D	324+15.55	263.04R	TWY EDGE / SHOULDER
149	Taxiway D	324+00.22	323.61R	TWY EDGE / SHOULDER
150	Taxiway D	324+48.30	325.00R	TWY D7 CENTERLINE PI
151	Taxiway D	324+73.05	307.99R	TWY EDGE PI
152	Taxiway D	324+73.05	325.27R	TWY EDGE PI
153	Taxiway D	324+77.47	199.99R	TWY EDGE / SHOULDER
154	Taxiway D	324+48.30	160.00R	TWY D7 CENTERLINE PI
155	Taxiway D	324+48.30	149.00R	TWY D7 CENTERLINE PI
156	Taxiway D	324+80.05	136.99R	TWY EDGE / SHOULDER
157	Taxiway D	324+48.30	60.00R	TWY D7 CENTERLINE PT
158	Taxiway D	324+64.20	25.41L	TWY EDGE / SHOULDER
159	Taxiway C	424+63.58	24.75R	TWY EDGE / SHOULDER
160	Taxiway D	325+08.30	0.00	TWY D7 CENTERLINE PC
161	Taxiway D	325+08.30	60.00R	TWY D7 CENTERLINE RADIUS
162	Taxiway D	325+02.10	53.80R	TWY EDGE / SHOULDER
163	Taxiway C	425+43.06	24.75R	TWY EDGE / SHOULDER
164	Taxiway D	325+55.52	25.26L	TWY EDGE / SHOULDER
165	Taxiway D	325+85.29	31.75R	TWY EDGE / SHOULDER
166	Taxiway C	426+28.56	28.25R	TWY EDGE / SHOULDER
167	Taxiway D	326+34.83	28.51L	TWY EDGE / SHOULDER
168	Taxiway D	326+67.90	28.37R	TWY EDGE / SHOULDER
169	Taxiway C	427+14.08	31.75R	TWY EDGE / SHOULDER
170	Taxiway D	327+14.08	31.75L	TWY EDGE / SHOULDER
171	Taxiway C	427+55.61	42.76R	TWY EDGE / SHOULDER
172	Taxiway D	327+55.61	42.76L	TWY EDGE / SHOULDER
173	Taxiway D	327+50.47	24.99R	TWY EDGE / SHOULDER

MARKING POINTS
SHEET C-804

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET	NOTES
174	Taxiway C	427+91.05	0.00	TWY C8 CENTERLINE PC
175	Taxiway C	427+97.25	53.80R	TWY EDGE / SHOULDER
176	Taxiway C	427+91.05	60.00R	TWY C8 CENTERLINE RADIUS
177	Taxiway D	327+91.05	60.00L	TWY C8 CENTERLINE RADIUS
178	Taxiway C	428+02.13	72.25R	TWY EDGE / SHOULDER
179	Taxiway D	327+97.25	53.80L	TWY EDGE / SHOULDER
180	Taxiway D	327+91.05	0.00	TWY C8 CENTERLINE PC
181	Taxiway C	428+50.99	125.50L	TWY C8 APRON SPOT MARKING "16"
182	Taxiway C	428+51.05	60.00R	TWY C8 CENTERLINE PT
183	Taxiway D	328+51.05	60.00L	TWY C8 CENTERLINE PT
184	Taxiway D	328+46.89	25.11R	TWY EDGE / SHOULDER
185	Taxiway C	429+11.05	0.00	TWY C8 CENTERLINE PC
186	Taxiway C	429+04.84	53.80R	TWY EDGE / SHOULDER
187	Taxiway C	429+11.05	60.00R	TWY C8 CENTERLINE RADIUS
188	Taxiway C	428+99.95	72.25R	TWY EDGE / SHOULDER
189	Taxiway D	329+11.05	60.00L	TWY C8 CENTERLINE RADIUS
190	Taxiway D	329+04.84	53.80L	TWY EDGE / SHOULDER
191	Taxiway D	329+11.05	0.00	TWY C8 CENTERLINE PC
192	Taxiway C	429+46.48	42.76R	TWY EDGE / SHOULDER
193	Taxiway D	329+46.48	42.76L	TWY EDGE / SHOULDER
194	Taxiway D	329+43.28	25.75R	TWY EDGE / SHOULDER
195	Taxiway C	429+88.01	31.75R	TWY EDGE / SHOULDER
196	Taxiway D	329+88.01	31.75L	TWY EDGE / SHOULDER
197	Taxiway C	430+35.21	24.75L	DASHED EDGE MARKING PI
198	Taxiway C	430+54.06	29.05R	TWY EDGE / SHOULDER
199	Taxiway D	330+54.05	29.05L	TWY EDGE / SHOULDER
200	Taxiway D	330+39.69	25.30R	TWY EDGE / SHOULDER
201	Taxiway C	431+20.53	31.83L	DASHED EDGE MARKING PI
202	Taxiway C	431+20.09	31.75R	TWY EDGE / SHOULDER
203	Taxiway D	331+20.09	31.75L	TWY EDGE / SHOULDER
204	Taxiway D	331+36.08	25.05R	TWY EDGE / SHOULDER
205	Taxiway D	331+61.62	42.76L	TWY EDGE / SHOULDER
206	Taxiway C	431+61.62	42.76R	TWY EDGE / SHOULDER
207	Taxiway C	431+82.36	115.50L	LEASE LINE PI
208	Taxiway C	431+83.84	85.25L	NON-MOVEMENT
209	Taxiway C	431+98.49	59.83L	TWY C CENTERLINE RADIUS
210	Taxiway C	431+97.05	0.00	TWY C CENTERLINE PC
211	Taxiway C	432+03.26	53.80R	TWY EDGE / SHOULDER
212	Taxiway C	431+97.05	60.00R	TWY C9 CENTERLINE RADIUS
213	Taxiway C	432+08.21	72.02R	TWY EDGE / SHOULDER
214	Taxiway D	331+97.05	60.00L	TWY C9 CENTERLINE RADIUS
215	Taxiway D	332+03.26	53.80L	TWY EDGE / SHOULDER

MARKING POINTS
SHEET C-804

POINT NO.	REFERENCE ALIGNMENT	STATION	OFFSET	NOTES
216	Taxiway D	331+97.05	0.00	TWY C9 CENTERLINE PC
217	Taxiway D	331+97.05	25.00R	DASHED TAXIWAY EDGE MARKING PC
218	Taxiway D	332+32.48	24.74R	TWY EDGE / SHOULDER
219	Taxiway D	332+85.68	8.11R	TWY EDGE / SHOULDER
220	Taxiway D	332+57.05	60.00L	TWY C9 CENTERLINE PT
221	Taxiway C	432+57.05	60.00R	TWY C9 CENTERLINE PT
222	Taxiway C	432+33.57	61.86L	DASHED EDGE MARKING PC
223	Taxiway C	435+30.70	195.21L	RUNUP AREA SPOT MARKING "17"
224	Taxiway C	432+57.06	47.19L	TWY C9 CENTERLINE PI
225	Taxiway C	432+81.90	49.09L	TWY C9 DASHED EDGE MARKING PC
226	Taxiway D	332+81.80	59.96L	DASHED TAXIWAY EDGE MARKING PT
227	Taxiway C	433+17.05	185.19L	NON-MOVEMENT
228	Taxiway C	433+17.05	131.19L	DASHED EDGE MARKING PT
229	Taxiway C	433+17.05	106.44L	TWY C9 CENTERLINE PT
230	Taxiway C	433+17.05	81.44L	TWY C9 DASHED EDGE MARKING PT
231	Taxiway C	433+17.04	46.45L	TWY C9 CENTERLINE RADIUS
232	Taxiway C	433+43.06	26.94L	INTERMEDIATE HOLD
233	Taxiway D	333+37.57	7.94L	TWY EDGE / SHOULDER
234	Taxiway D	333+43.06	8.39L	INTERMEDIATE HOLD
235	Taxiway C	433+98.25	131.19L	DASHED EDGE MARKING PI
236	Taxiway C	434+16.14	185.19L	NON-MOVEMENT
237	Taxiway C	434+16.68	135.19L	TWY EDGE MARKING PI
238	Taxiway C	434+70.83	166.28L	APRON TAXILANE CENTERLINE RADIUS
239	Taxiway C	434+70.68	106.44L	APRON TAXILANE CENTERLINE PC
240	Taxiway C	435+04.25	25.92L	EDGE MARKING PI
241	Taxiway C	435+04.47	26.94L	INTERMEDIATE HOLD
242	Taxiway D	335+04.50	8.88L	EDGE MARKING PI
243	Taxiway C	434+83.06	154.14L	TWY EDGE MARKING PI
244	Taxiway C	434+91.10	185.19L	NON-MOVEMENT
245	Taxiway C	435+13.67	237.41L	TWY EDGE MARKING PI
246	Taxiway C	435+30.66	182.93L	APRON TAXILANE CENTERLINE PI
247	Taxiway C	435+30.68	166.53L	APRON TAXILANE CENTERLINE PT
248	Taxiway C	435+47.32	130.14L	EDGE MARKING PI
249	Taxiway C	435+48.26	185.19L	NON-MOVEMENT
250	Taxiway C	435+97.98	93.77L	NON-MOVEMENT
251	Taxiway C	435+97.98	83.77L	NON-MOVEMENT

MARK	DESCRIPTION	DATE
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LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

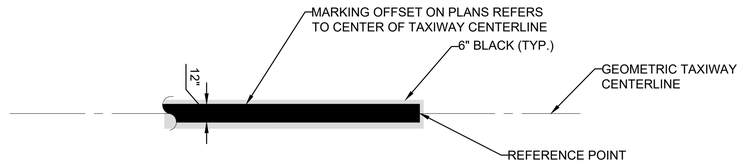
HDR ENGINEERING, INC.
8333 NW 53RD STREET E 250
DORAL, FL 33166
(305) 728-7452

PAVEMENT MARKING GEOMETRIC POINT TABLES

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

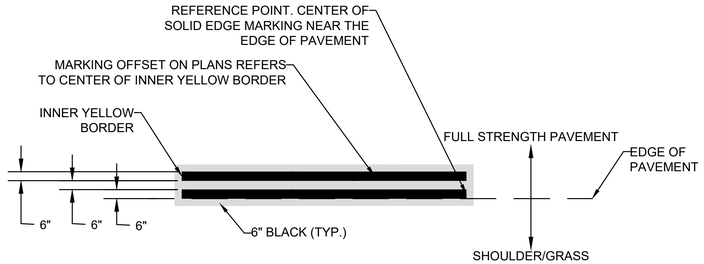
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AUTHOR: TOLLETTE, SAMUEL



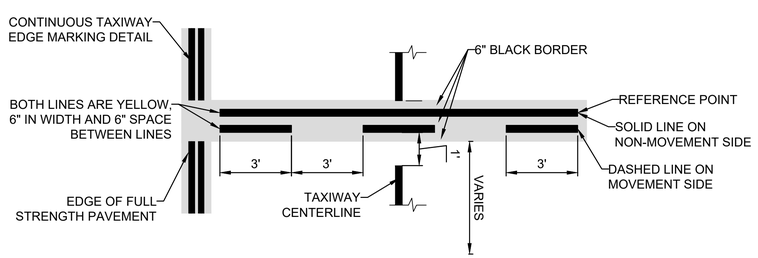
1 TAXIWAY CENTERLINE MARKING DETAIL
N.T.S.

NOTES:
1. ALL TAXIWAY CENTERLINE MARKINGS SHALL BE YELLOW WITH GLASS BEADS PER TABLE 1 ON P-620.
2. A 6" BLACK BORDER OR BACKGROUND SHALL BE APPLIED TO FINAL MARKINGS AS SHOWN.
3. TEMPORARY MARKING INSTALLATION SHALL NOT INCLUDE A 6" BLACK BORDER.
4. TEMPORARY MARKING MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH TABLE 1 ON P-620.



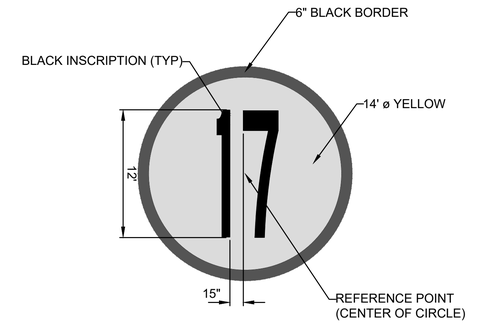
2 CONTINUOUS TAXIWAY EDGE MARKING DETAIL
N.T.S.

NOTES:
1. ALL CONTINUOUS TAXIWAY EDGE MARKINGS SHALL BE YELLOW WITH GLASS BEADS PER TABLE 1 ON P-620.
2. RUNWAY HOLD BAR MARKING DETAILS INCLUDING 6" NON-REFLECTIVE BLACK OUTLINE SHALL HAVE PRECEDENCE OVER CONTINUOUS TAXIWAY EDGE MARKING. CONTINUOUS TAXIWAY EDGE MARKING SHALL NOT CONFLICT WITH RUNWAY HOLD BAR MARKING DETAILS INCLUDING 6" NON-REFLECTIVE BLACK OUTLINE.
3. TEMPORARY MARKING INSTALLATION SHALL NOT INCLUDE A 6" BLACK BORDER.
4. TEMPORARY MARKING MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH TABLE 1 ON P-620.



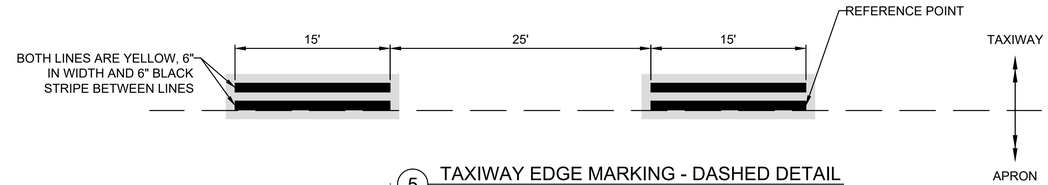
3 NON-MOVEMENT AREA MARKING DETAIL
N.T.S.

NOTES:
1. FINAL NON-MOVEMENT AREA MARKINGS SHALL BE YELLOW WITH GLASS BEADS PER TABLE 1 ON P-620.
2. TEMPORARY MARKING INSTALLATION SHALL NOT INCLUDE A 6" BLACK BORDER.
3. TEMPORARY MARKING MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH TABLE 1 ON P-620.



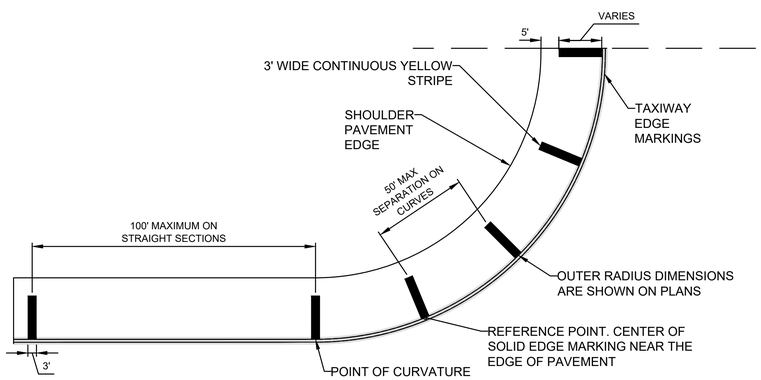
NOTES:
1. PERMANENT MARKING MATERIALS AND INSTALLATION SHALL SHALL BE IN ACCORDANCE WITH TABLE 1 ON P-620.
2. A 6" BLACK BORDER OR BACKGROUND SHALL BE APPLIED TO FINAL MARKINGS AS SHOWN.
3. TEMPORARY MARKING INSTALLATION SHALL NOT INCLUDE A 6" BLACK BORDER.
4. TEMPORARY MARKING MATERIALS AND INSTALLATION SHALL SHALL BE IN ACCORDANCE WITH TABLE 1 ON P-620.

4 SPOT MARKING ON APRON DETAIL
N.T.S.

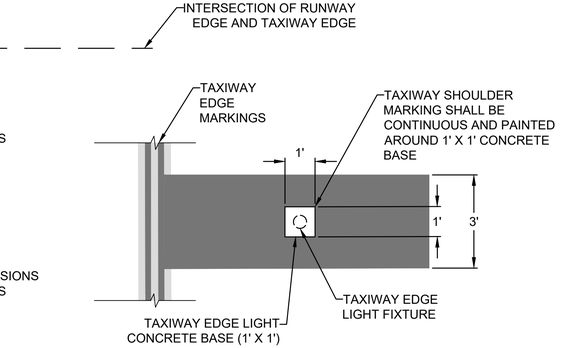


5 TAXIWAY EDGE MARKING - DASHED DETAIL
N.T.S.

NOTES:
1. PERMANENT DASHED TAXIWAY EDGE MARKINGS SHALL BE YELLOW WITH GLASS BEADS PER TABLE 1 ON P-620.
2. TEMPORARY MARKING INSTALLATION SHALL NOT INCLUDE A 6" BLACK BORDER.
3. TEMPORARY MARKING MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH TABLE 1 ON P-620.



6 TAXIWAY SHOULDER MARKING DETAIL
N.T.S.



A TAXIWAY EDGE LIGHT & SHOULDER MARKING DETAIL
N.T.S.

NOTES:
1. WHEN EDGE LIGHTING IS SITUATED ON SHOULDER MARKINGS, REFER TO SECTION A ON THIS DETAIL. CONTRACTOR SHALL PAINT AROUND BASE PLATE OF LIGHT FIXTURE.
2. PERMANENT TAXIWAY SHOULDER MARKINGS SHALL BE YELLOW WITH GLASS BEADS PER TABLE 1 ON P-620.
3. ON STRAIGHT SECTIONS, THE MARKINGS WILL BE PLACED PERPENDICULAR AT EACH POINT OF INTERSECTION WITH THE DEFINED EDGE OF PAVED TAXIWAY OR THE TAXIWAY EDGE MARKING WITH ADDITIONAL MARKINGS BEING UNIFORMLY PLACED BETWEEN THE TWO START AND FINISH MARKINGS. THE SPACING OF THE MARKINGS, CENTERLINE-TO-CENTERLINE, WILL NOT EXCEED 100 FEET BETWEEN TWO ADJACENT MARKINGS.
4. ON CURVED SECTIONS, THE TAXIWAY SHOULDER MARKINGS WILL BE UNIFORMLY SPACED ALONG THE CURVE. THE FIRST AND LAST MARKINGS ARE PLACED PERPENDICULAR AT THE POINT OF CURVATURE AND POINT OF TANGENCY OF THE CURVE OR, IN THE CASE OF A RUNWAY/TAXIWAY INTERSECTION, AT THE POINT OF INTERSECTION OF THE RUNWAY AND TAXIWAY EDGES. THE SPACING OF THE MARKINGS, CENTERLINE-TO-CENTERLINE, WILL NOT EXCEED 50 FEET BETWEEN TWO ADJACENT MARKINGS MEASURED AT THE LARGEST GAP OF THE RADIALLY-SPACED MARKINGS.
5. NO TEMPORARY TAXIWAY SHOULDER MARKINGS SHALL BE STRIPED.
6. THE AREA IS MARKED WITH 3 FOOT WIDE YELLOW STRIPES THAT START WITH THE EDGE OF THE TAXIWAY EDGE MARKING (PAINT OVER THE BLACK BORDER) AND EXTENDED WITHIN 5 FEET OF THE EDGE OF THE PAVED/STABILIZED SHOULDER AREA.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

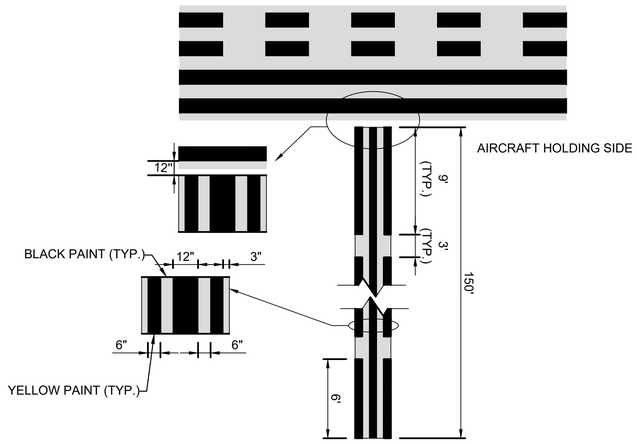
HDR ENGINEERING, INC.
8333 NW 53RD STREET 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT MARKING DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-811

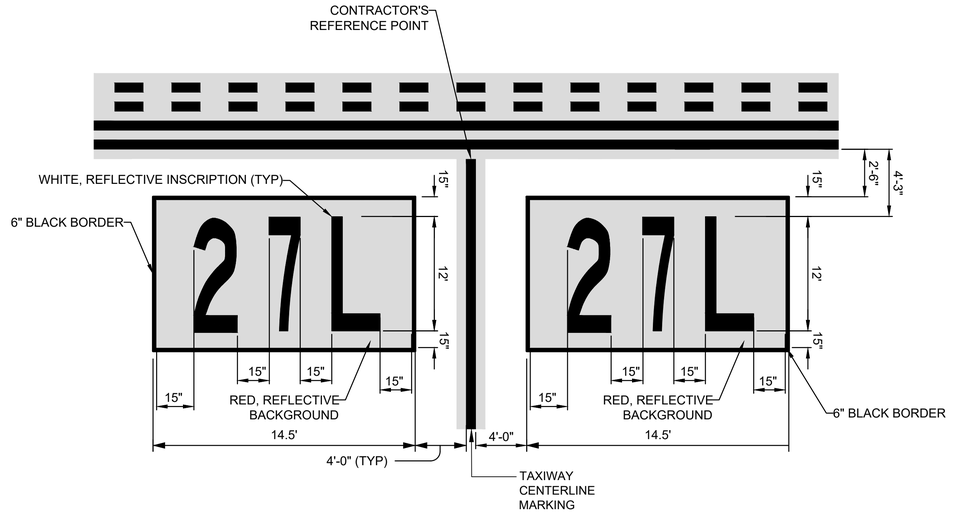
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PLOT DATE: 2025/05/21 AT 12:48 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



1 ENHANCED TAXIWAY CENTERLINE MARKING DETAIL

N.T.S.

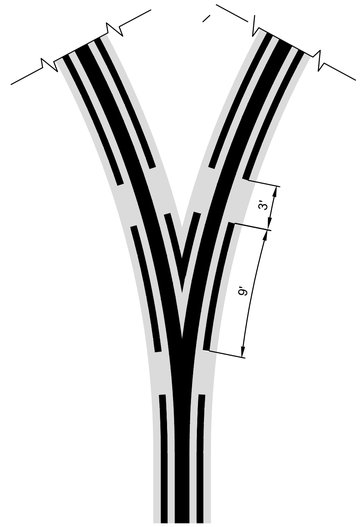
NOTES:
1. ENHANCED TAXIWAY CENTERLINE MARKINGS ARE MADE OF YELLOW AND BLACK PAINT.
2. PERMANENT YELLOW PAINT WITH GLASS BEADS SHALL BE IN ACCORDANCE WITH TABLE 1 ON P-620.
3. TEMPORARY MARKING INSTALLATION SHALL NOT INCLUDE A 6" BLACK BORDER.
4. TEMPORARY MARKING MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH TABLE 1 ON P-620.



2 SURFACE PAINTED HOLDING POSITION SIGN DETAIL 1

N.T.S.

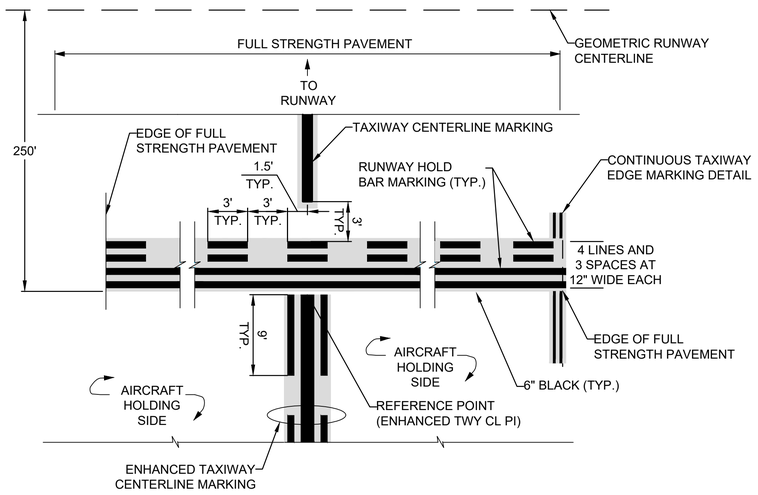
NOTES:
1. ALL SURFACE PAINTED HOLDING POSITION SIGNS WILL BE OUTLINED WITH 6" BLACK NON-REFLECTIVE BORDER.
2. TEMPORARY MARKING INSTALLATION SHALL NOT INCLUDE A 6" BLACK BORDER.
3. PERMANENT AND TEMPORARY MARKING MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH TABLE 1 ON P-620.



3 ENHANCED TAXIWAY CENTERLINE MARKING AT CONVERGING TAXIWAY CENTERLINES DETAIL

N.T.S.

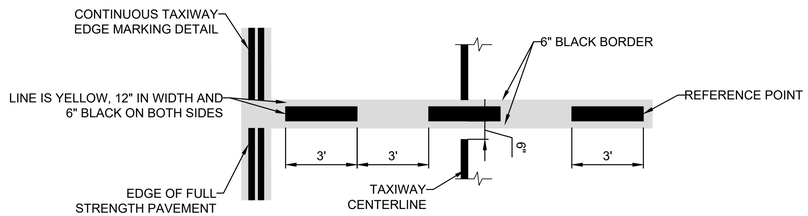
NOTES:
1. MEASUREMENTS ARE TAKEN ALONG THE CENTER OF THE CENTERLINE STRIPES



4 RUNWAY HOLD BAR MARKING DETAIL

N.T.S.

NOTES:
1. ALL RUNWAY HOLD BAR MARKINGS SHALL BE YELLOW WITH GLASS BEADS PER TABLE 1 ON P-620.
2. IN SOME CASES A PARTIAL DASHED STRIPE OR PARTIAL SPACE WILL ABUT AGAINST THE TAXIWAY EDGE MARKINGS.
3. TEMPORARY MARKING INSTALLATION SHALL NOT INCLUDE A 6" BLACK BORDER.
4. PERMANENT AND TEMPORARY MARKING MATERIALS SHALL BE IN ACCORDANCE WITH TABLE 1 ON P-620.



5 INTERMEDIATE HOLD MARKING DETAIL

N.T.S.

NOTES:
1. FINAL INTERMEDIATE HOLD MARKINGS SHALL BE YELLOW WITH GLASS BEADS PER TABLE 1 ON P-620.
2. TEMPORARY MARKING INSTALLATION SHALL NOT INCLUDE A 6" BLACK BORDER.
3. PERMANENT AND TEMPORARY MARKING INSTALLATION SHALL BE IN ACCORDANCE WITH TABLE 1 ON P-620.

MARK	DESCRIPTION	DATE
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LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: W. BOWDOIN	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

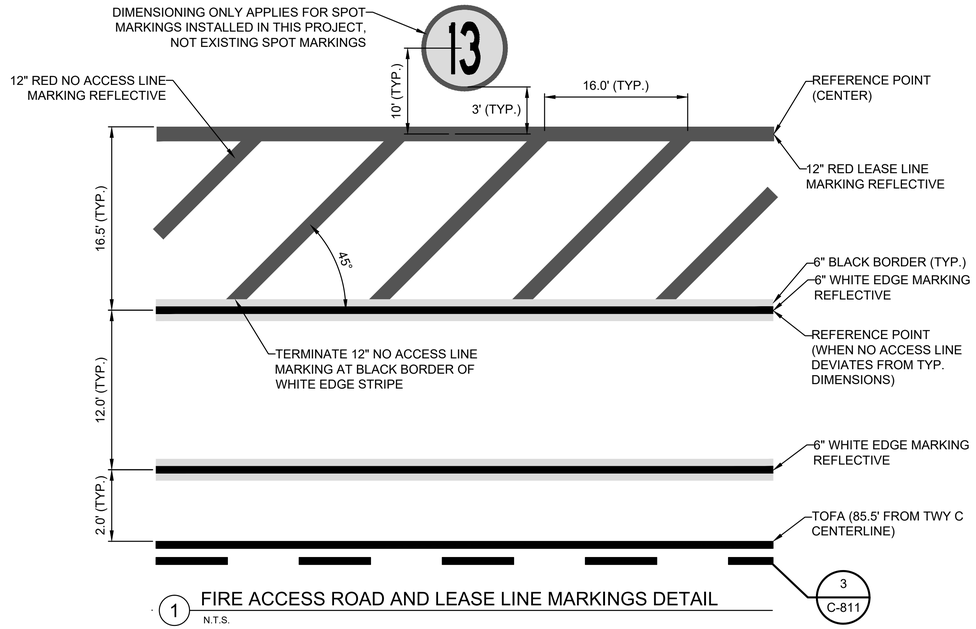
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT MARKING DETAILS

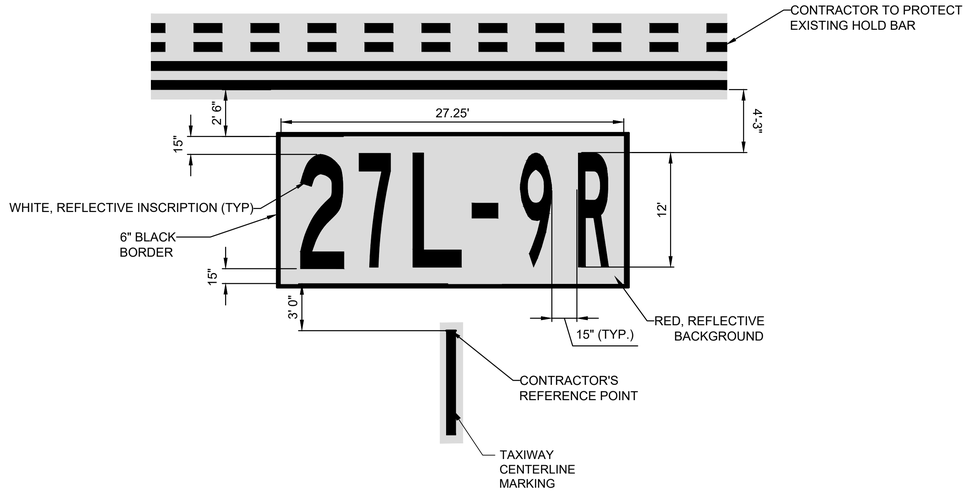
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MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-812

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AUTHOR: TOLLETTE, SAMUEL

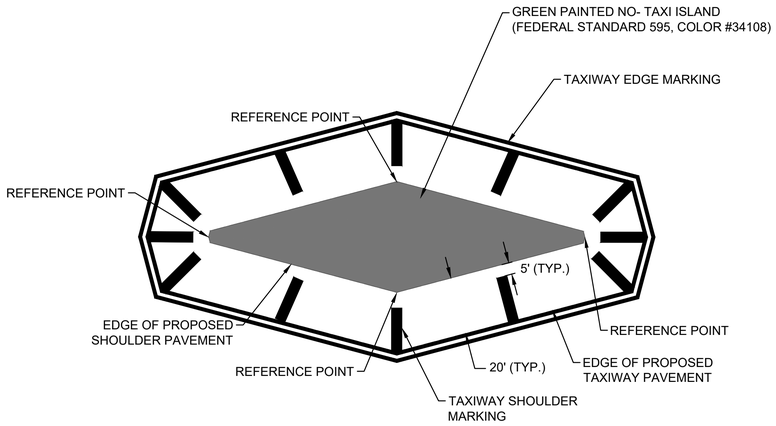


1 FIRE ACCESS ROAD AND LEASE LINE MARKINGS DETAIL
N.T.S.



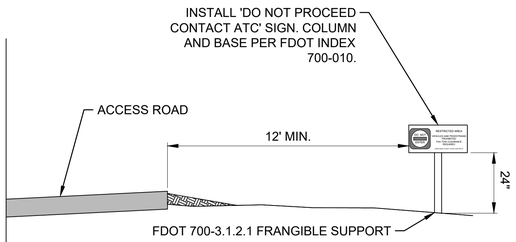
2 SURFACE PAINTED HOLDING POSITION SIGN DETAIL 2
N.T.S.

NOTES:
1. ALL SURFACE PAINTED HOLDING POSITION SIGNS WILL BE OUTLINED WITH 6" BLACK NON-REFLECTIVE BORDER.
2. ALL NUMERALS AND CHARACTERS ARE HORIZONTALLY SPACED 1 FEET APART
3. A 6" BLACK BORDER AND/OR BACKGROUND SHALL BE APPLIED TO MARKINGS AS SHOWN.
4. PAYMENT FOR FINAL MARKING INSTALLATION SHALL BE MADE UNDER SPEC P-620.
5. TEMPORARY MARKING INSTALLATION SHALL NOT INCLUDE A 6" BLACK BORDER.
6. TEMPORARY MARKING INSTALLATION SHALL INCLUDE TYPE I REFLECTIVE MEDIA.
7. PAYMENT FOR TEMPORARY MARKING INSTALLATION SHALL BE MADE UNDER SPEC P-620.



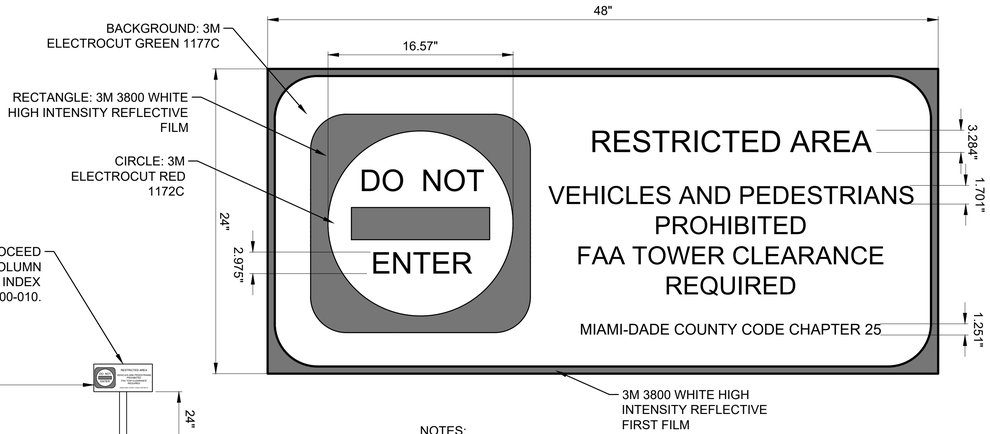
NOTES:
1. PAYMENT FOR FINAL MARKING INSTALLATION SHALL BE MADE UNDER SPEC P-620.
2. PAYMENT FOR TEMPORARY MARKING INSTALLATION SHALL BE MADE UNDER SPEC P-620.

3 GREEN PAINTED NO-TAXI ISLAND DETAIL
N.T.S.



NOTES:
1. PAYMENT FOR SIGN ASSEMBLY, INCLUDING SIGN, HARDWARE, COLUMN, AND FOUNDATION SHALL BE MADE UNTER 700-1-111

4 ACCESS ROAD STOP SIGN
N.T.S.



NOTES:
1. HORIZONTAL RECTANGLE 48" X 24" WITH SQUARE CORNERS .008 (⅛") ALUMINUM SIGN MATERIAL.
2. COLORS
   2.1. LEGEND - WHITE (RETROREFLECTIVE)
3. TEXT
   3.1. FONT - HELVETICA

5 DO NOT PROCEED SIGN DETAIL
N.T.S.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

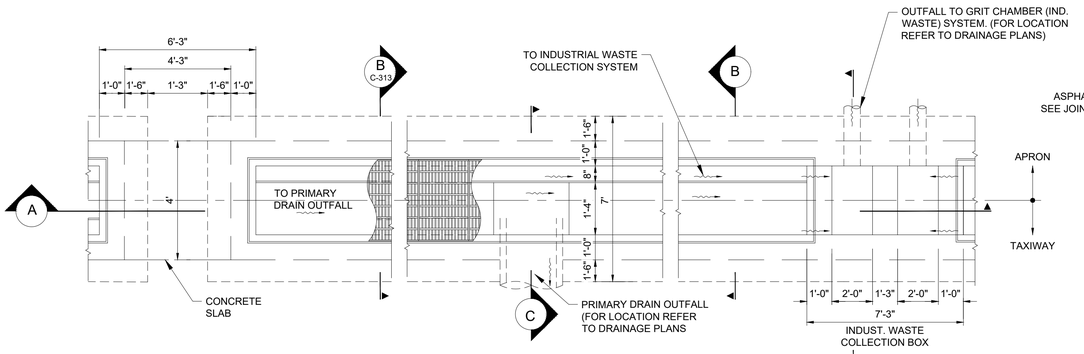
HDR ENGINEERING, INC.
8333 NW 53RD STREET 230
DORAL, FL 33166
(305) 728-7452

PAVEMENT MARKING DETAILS

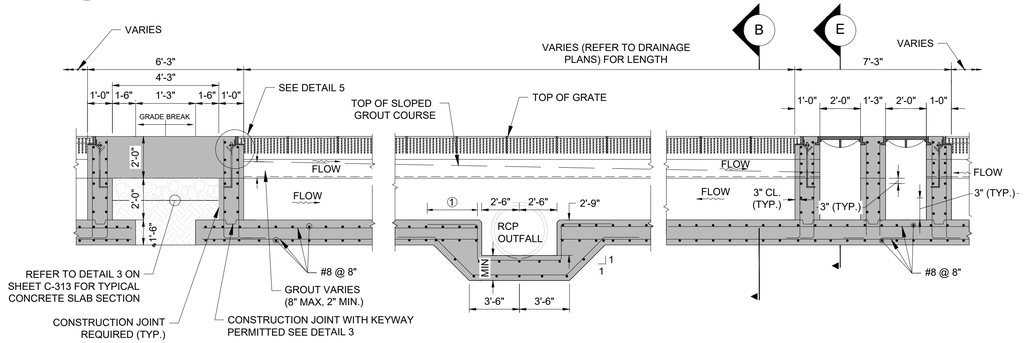
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MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
C-813

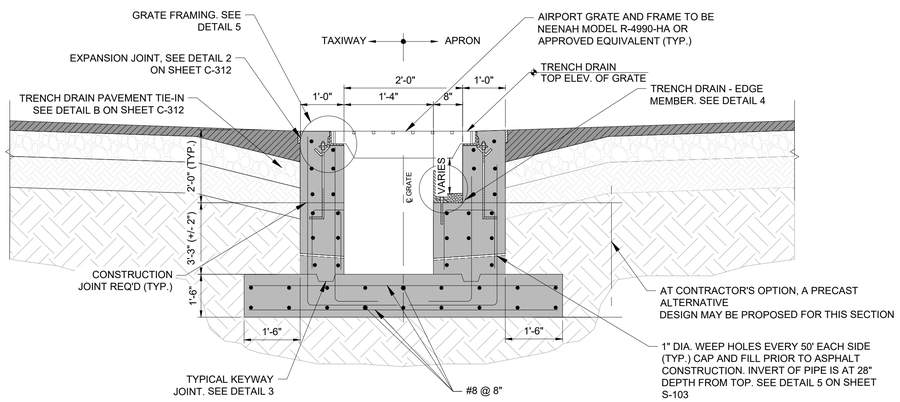
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AUTHOR: TOLLETTE, SAMUEL



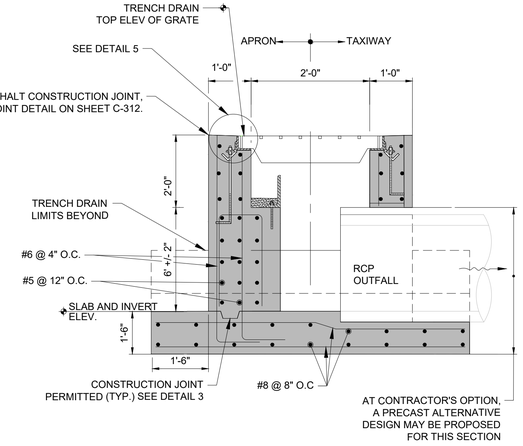
1 INDUSTRIAL WASTE COLLECTION SYSTEM - PLAN VIEW
N.T.S.



A LONGITUDINAL TRENCH DRAIN SECTION
N.T.S.

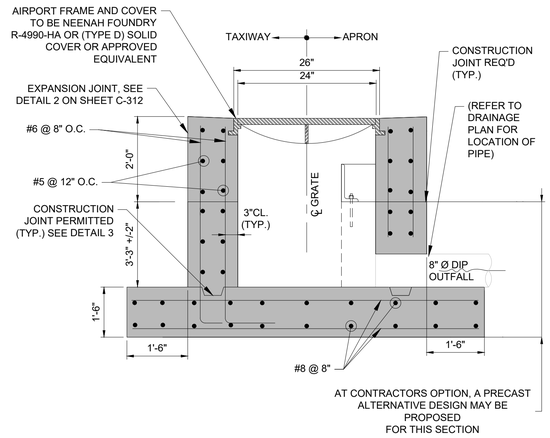


B TRENCH DRAIN SECTION
N.T.S.

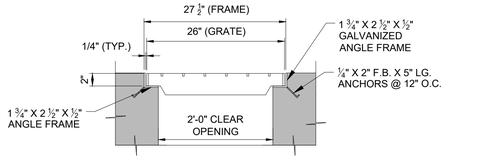


NOTE: CONTRACTOR SHALL PLUG THE DISCHARGE FROM THE EDGE MEMBER INTO THE GRIT CHAMBERS UNTIL THE OIL/WATER SEPRATOR IS INSTALLED AND OPERATIONAL.

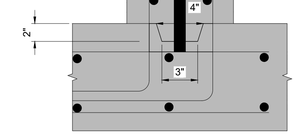
C SECTION AT RCP OUTFALL
N.T.S.



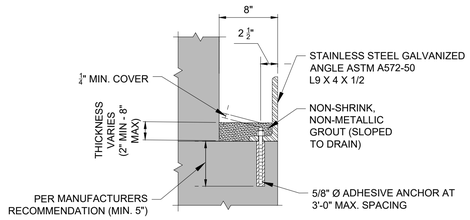
E SECTION AT COLLECTION BOX
N.T.S.



2 TYPICAL GRATE DETAIL
N.T.S.

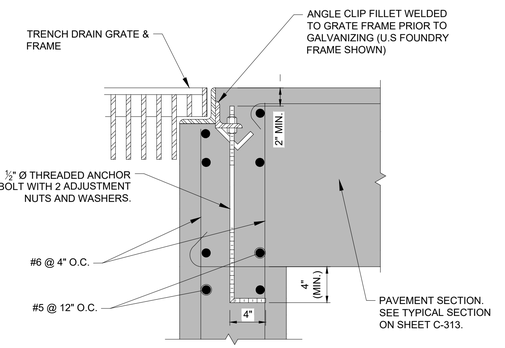


3 TYPICAL KEYWAY JOINT
N.T.S.



NOTES:
1. MINIMUM NOMINAL BOND STRENGTH FOR ADHESIVE MUST BE PER MANUFACTURERS RECOMMENDATION (MIN. 1.83 KSI.)

4 TRENCH DRAIN - EDGE MEMBER
N.T.S.



5 GRATING FRAME DETAIL
N.T.S.

MIAMI-DADE AVIATION DEPARTMENT
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8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

MARK	DESCRIPTION	DATE

LICENSED PROFESSIONAL
DENNIS ABEL RODRIGUEZ
FL PE NO.: 80767
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: S. DOLATI
DRAWN BY: S. TOLLETTE
CHECKED BY: C. SWANSON
SUBMITTED BY: R. DOSSANI

TRENCH DRAIN DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
S-101

FILENAME: C:\PWWORKING\EAST01\D312362610\I03653815-100.DWG
PLOT DATE: 2025/05/21 AT 12:49 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

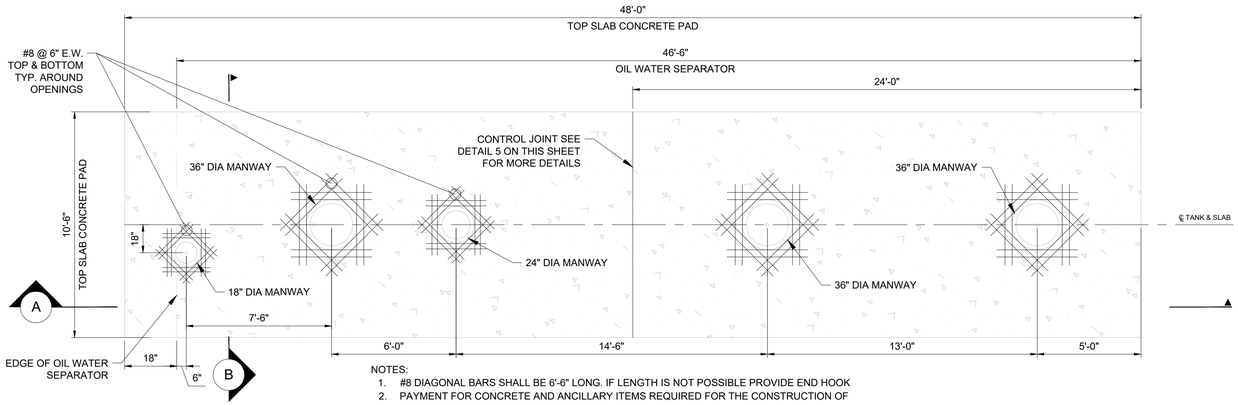
GENERAL NOTES:

1. CONCRETE SHALL BE CLASS IV CONCRETE (F'C = 5,500 P.S.I.)
2. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60.
3. COORDINATE STRUCTURE LOCATION AND PIPE PENETRATIONS WITH CIVIL DRAWINGS.
4. FOR RIM ELEV. AND PIPES INV. ELEV. SEE DRAINAGE PROFILE DRAWINGS.
5. CONCRETE DIMENSIONS SHOWN ARE MINIMUM FOR EITHER CAST-IN-PLACE OR PRECAST STRUCTURES.
6. DEWATERING OF EXCAVATIONS IS NOT ALLOWED TO CONSTRUCT BELOW GRADE STRUCTURES. ALL BELOW GRADE CONSTRUCTION SHALL BE PERFORMED IN THE WET. REFER TO SPECIFICATION P-710 FOR UNDERWATER CONSTRUCTION.
7. REFER TO CIVIL DRAWINGS FOR DIMENSIONS.
8. OPENING SIZE SHALL BE COORDINATED AND VERIFIED WITH GRADE BOX MANUFACTURER PRIOR TO CONSTRUCTION.
9. DETAILS SHOWN ON THIS SHEET ARE FOR 25,000 GALLON OIL-WATER SEPARATOR HTC-G, HIGHGUARD, DOUBLE WALL, AS MANUFACTURED BY HIGHLAND TANK. CONTRACTOR SHALL SUBMIT A SHOP DRAWING FOR AN APPROVED EQUIVALENT.
10. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS ONLY.
11. WELDING SYSTEM TO BE INSTALLED IN ACCORDANCE WITH NFPA 51B. HOT WORK PERMIT REQUIRED. REFER TO DIVISION ONE SPECIFICATION 011210 FOR HOT WORK PERMIT APPLICATION PRIOR TO COMMENCING ANY WORK INVOLVING OPEN FLAMES OR WORK PRODUCING HEAD AND/OR SPARKS.
12. CONTRACTOR SHALL ENSURE THAT THERE IS NO CONTACT BETWEEN THE GALVANIZED STRAP, TURNBUCKLE ASSEMBLY AND THE UNGALVANIZED REBAR IN THE SLAB.

(A) 36" GRADE LEVEL MANYWAY TO BE PROVIDED BY MANUFACTURER. GRADE LEVEL MANHOLE COVER SHALL BE DESIGNED FOR 280 PSI OVER THE ENTIRE SURFACE AND SHALL BE FABRICATED OF ASTM A572 STRUCUTRAL STEEL HOT-DIP GALVANIZED.

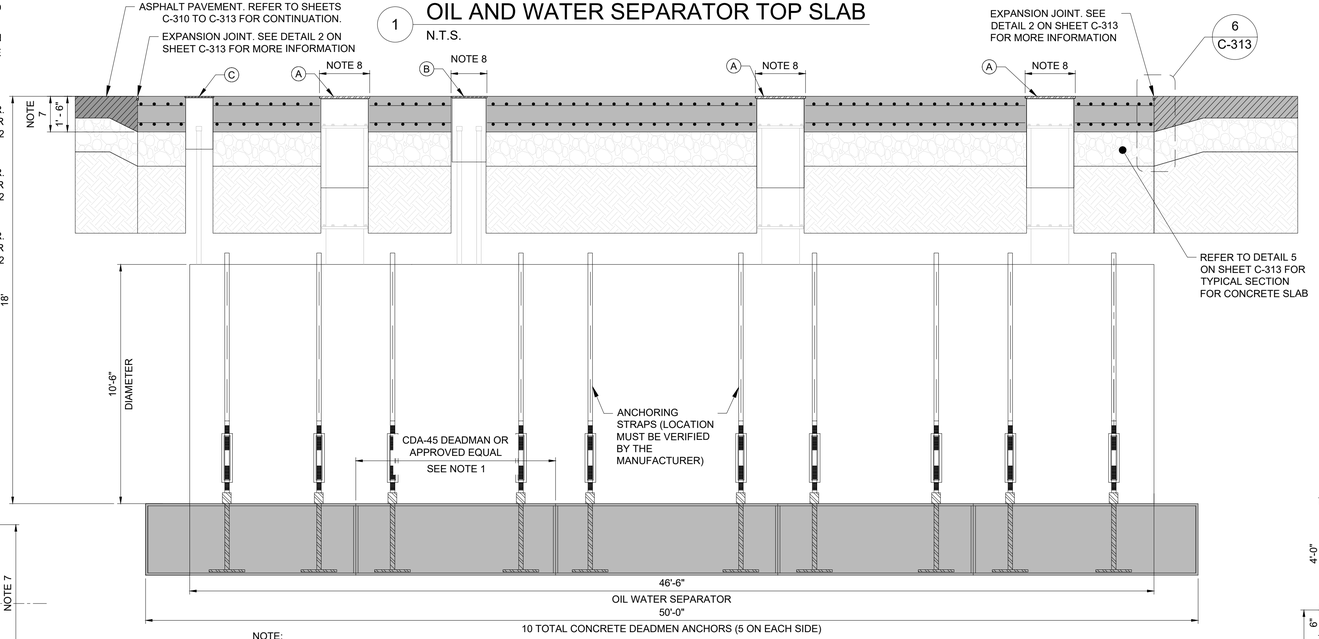
(B) 24" GRADE LEVEL MANYWAY TO BE PROVIDED BY MANUFACTURER. GRADE LEVEL MANHOLE COVER SHALL BE DESIGNED FOR 280 PSI OVER THE ENTIRE SURFACE AND SHALL BE FABRICATED OF ASTM A572 STRUCUTRAL STEEL HOT-DIP GALVANIZED.

(C) 18" GRADE LEVEL MANYWAY TO BE PROVIDED BY MANUFACTURER. GRADE LEVEL MANHOLE COVER SHALL BE DESIGNED FOR 280 PSI OVER THE ENTIRE SURFACE AND SHALL BE FABRICATED OF ASTM A572 STRUCUTRAL STEEL HOT-DIP GALVANIZED.



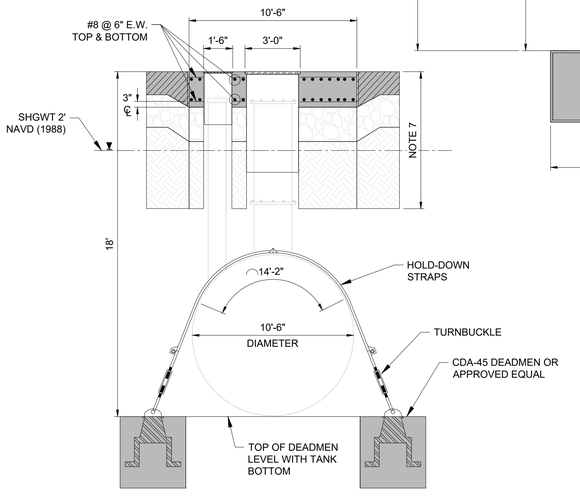
NOTES:
1. #8 DIAGONAL BARS SHALL BE 6'-6" LONG. IF LENGTH IS NOT POSSIBLE PROVIDE END HOOK
2. PAYMENT FOR CONCRETE AND ANCILLARY ITEMS REQUIRED FOR THE CONSTRUCTION OF THE TOP SLAB SHALL BE MADE UNDER P-610-5.2

1 OIL AND WATER SEPARATOR TOP SLAB
N.T.S.



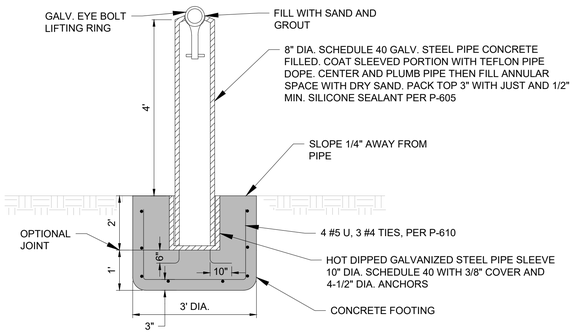
NOTE:
1. STRAPS AND ANCHORING SYSTEM SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL PROVIDE A SIGNED AND SEALED SHOP DRAWING BY A LICENSED FLORIDA PROFESSIONAL ENGINEER FOR THE CONCRETE DEADMEN ANCHORING SYSTEM. COST FOR STRAPS, ANCHORING SYSTEM, AND THE S&S SHOP DRAWING SHALL BE INCIDENTAL TO THE OIL/WATER SEPARATOR COST (D-755-5.1).

A SECTION
N.T.S.



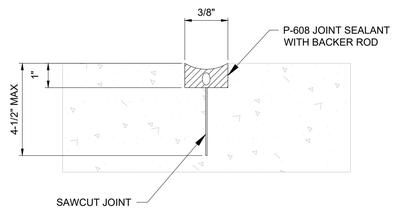
NOTE:
1. STRAPS AND ANCHORING SYSTEM SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL PROVIDE A SIGNED AND SEALED SHOP DRAWING BY A LICENSED FLORIDA PROFESSIONAL ENGINEER FOR THE CONCRETE DEADMEN ANCHORING SYSTEM. COST FOR STRAPS, ANCHORING SYSTEM, AND THE S&S SHOP DRAWING SHALL BE INCIDENTAL TO THE OIL/WATER SEPARATOR COST (D-755-5.1).

B SECTION
NTS

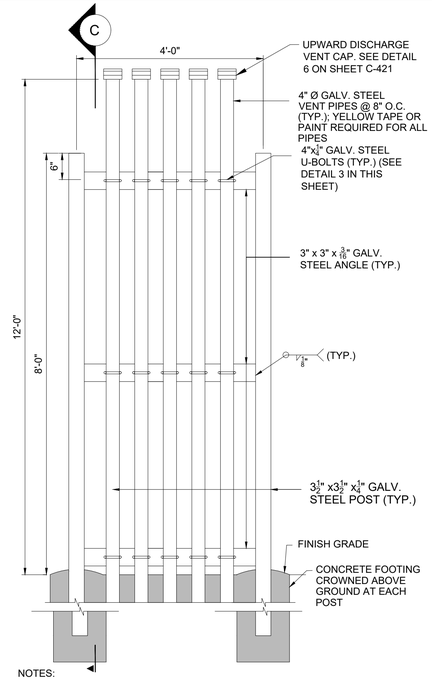


NOTES:
1. WORK ASSOCIATED WITH THIS DETAIL SUCH AS THE FOUNDATION, REINFORCEMENT, PAINTING, AND HARDWARE FOR INSTALLATION OF THE BOLLARDS IS ANCILLARY TO P-610-5.3.

4 8" BOLLARD DETAIL IN TURF
N.T.S.

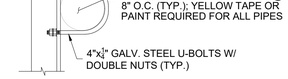


5 CONTROL JOINT DETAIL
N.T.S.

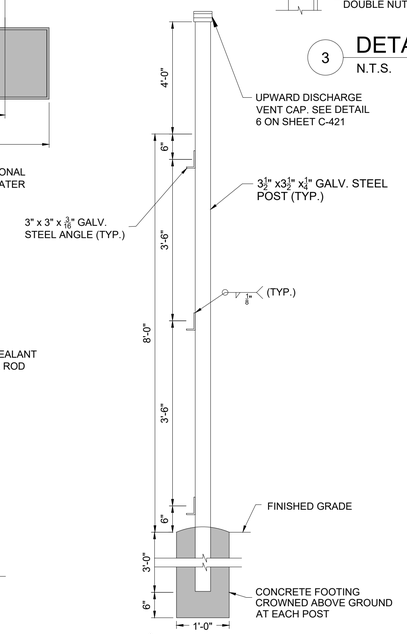


NOTES:
1. WORK ASSOCIATED WITH THIS DETAIL SUCH AS THE FOUNDAITON, STEEL ANGLES, HARDWARE FOR INSTALLATION OF THE VENT PIPES IS INCIDENTAL TO D-755-5.1.

2 VENT PIPES SUPPORT DETAILS
FOR ONE OIL/WATER SEPARATOR SYSTEM N.T.S.



3 DETAIL
N.T.S.



C SECTION
N.T.S.

MIAMI-DADE AVIATION DEPARTMENT
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DORAL, FL 33166
(305) 728-7452

LICENSED PROFESSIONAL
DENNIS ABEL RODRIGUEZ
FL PE NO.: 80767
DATE:

MARK	DESCRIPTION	DATE

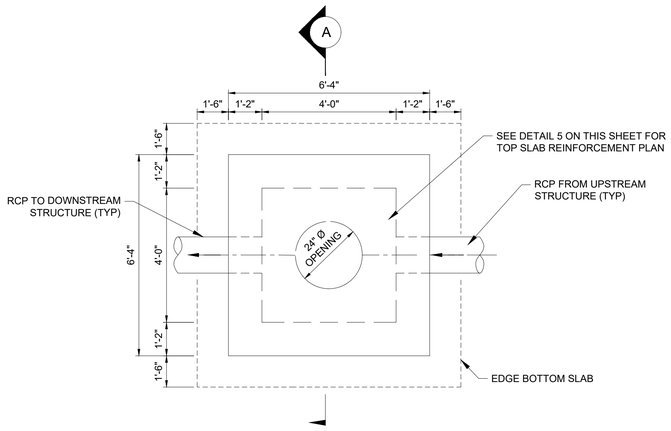
ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS
DESIGNED BY: S. DOLATI
DRAWN BY: S. TOLLETTE
CHECKED BY: C. SWANSON
SUBMITTED BY: R. DOSSANI

OIL WATER SEPERATOR DETAIL

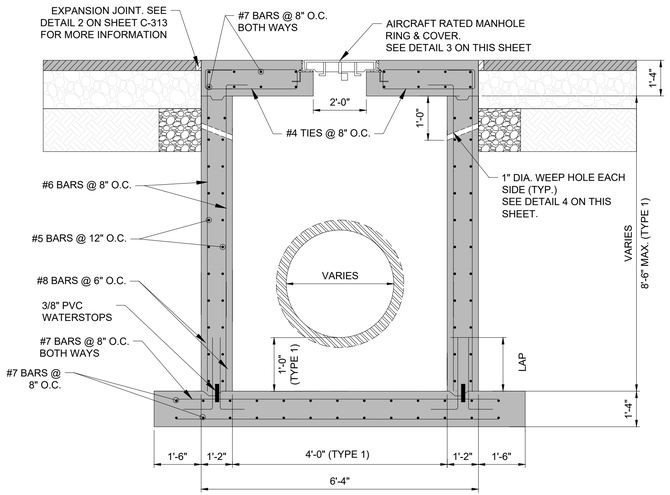
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
S-102

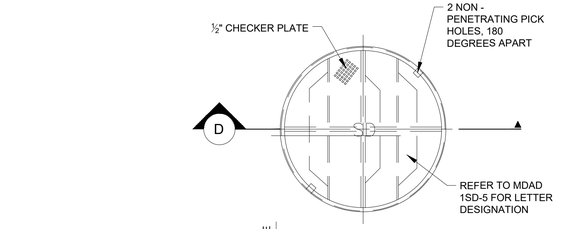
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AUTHOR: TOLLETTE, SAMUEL

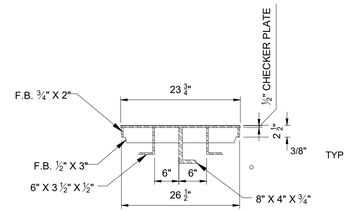


1 PLAN STORMDRAIN MANHOLE (TYPE 1)
N.T.S.

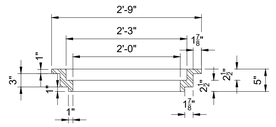


A SECTION
N.T.S.





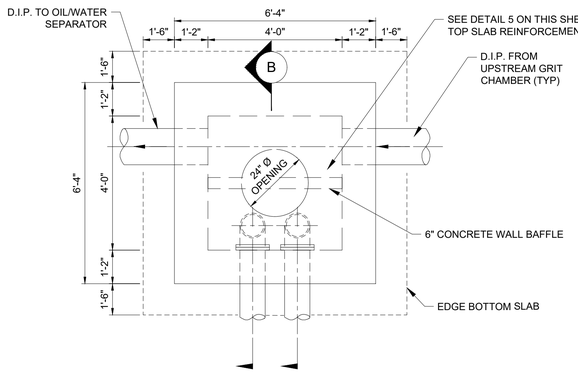
D SECTION
N.T.S.



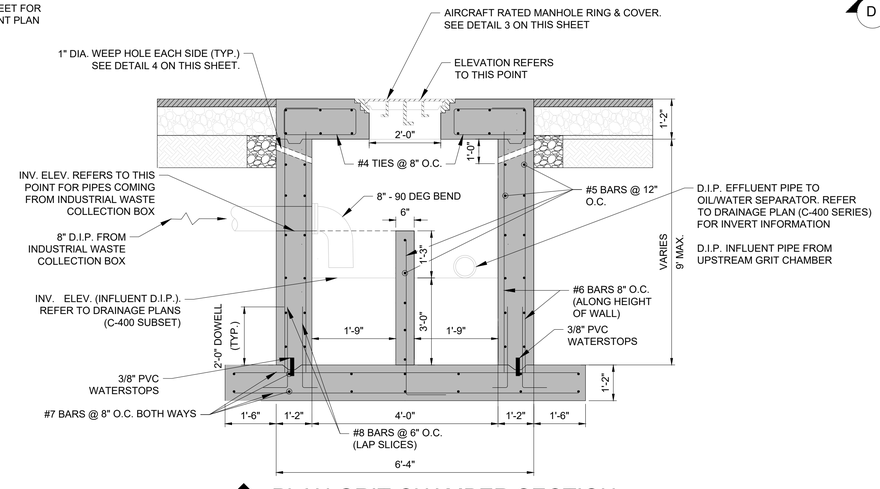
D SECTION
N.T.S.

NOTES: USE U.S. FOUNDRY NO. 8605 RING AND COVER OR APPROVED EQUAL

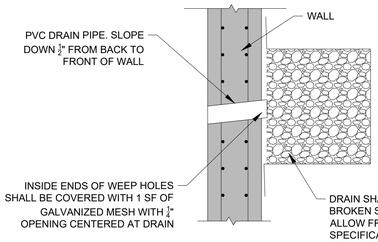
3 AIRCRAFT RATED MANHOLE
N.T.S.



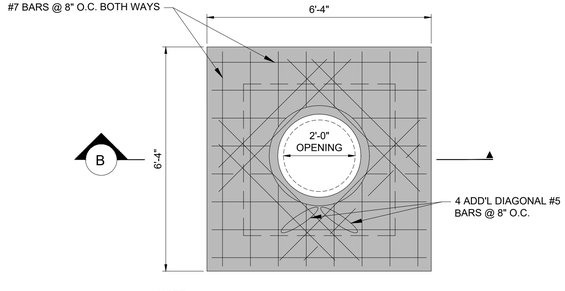
2 PLAN GRIT CHAMBER
N.T.S.



B PLAN GRIT CHAMBER SECTION
N.T.S.



4 WEEP HOLE DETAIL
N.T.S.



NOTE:
1. PROVIDE 90 DEG HOOKS AT EACH END OF HORIZ. BARS.

5 TOP SLAB REINFORCING PLAN
N.T.S.

GENERAL NOTES:

1. COORDINATE STRUCTURE LOCATION AND PIPE PENETRATIONS WITH CIVIL DRAWINGS.
2. FOR RIM ELEV. AND PIPES INV. ELEV. SEE DRAINAGE PROFILE DRAWINGS.
3. CONCRETE DIMENSIONS SHOWN ARE MINIMUM FOR EITHER CAST-IN-PLACE OR PRECAST STRUCTURES.
4. DEWATERING IS NOT ANTICIPATED DURING CONSTRUCTION.
5. REFER TO CIVIL DRAWINGS FOR DIMENSIONS.
6. OPENING SIZE SHALL BE COORDINATED AND VERIFIED WITH GRADE BOX MANUFACTURER PRIOR TO CONSTRUCTION
7. REFERENCES:
   - 7.1. AASHTO LRFD LTS 2015 WITH 2020 INTERIM
   - 7.2. FDOT SDG, FLORIDA DEPARTMENT OF TRANSPORTATION - STRUCTURES DESIGN GUIDELINES 2023
   - 7.3. AASHTO LRFD-9, AASHTO - LRFD BRIDGE DESIGN SPECIFICATIONS 9TH ED. (2020)
   - 7.4. ACI 318-19 AMERICAN CONCRETE INSTITUTE - BUILDING REQUIREMENTS FOR STRUCTURAL CONCRETE (2019)

STRUCTURAL NOTES:

1. DESIGN SPECIFICATIONS:
   - 1.1. A.C.I. 318-19 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
   - 1.2. FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULAR 150/5320-6G, APPENDIX B
2. LOADING:
   - 2.1. DESIGN LIVE LOAD FOR METAL FRAMES, GRATES, COVERS AND TOP SLABS:
     - 2.1.1. MANHOLE COVERS FOR A MINIMUM 100,000 LB. WHEEL LOAD WITH 280 PSI. INTERNAL TIRE PRESSURE.
     - 2.1.2. FOR SPANS OF 2 FEET OR LESS IN THE LEAST DIRECTION, A UNIFORM LIVE LOAD OF 280 PSI.
     - 2.1.3. FOR SPANS OF 2 FEET AND GREATER IN THE LEAST DIRECTION, THE DESIGN IS BASED ON THE NUMBER OF WHEELS WHICH FIR THE SPAN USING WHEEL CONFIGURATIONS SPECIFIED IN A.C. 150/5320-6G, APPENDIX B.
     - 2.1.4. IN ADDITION TO THE ABOVE, APPLY A BRAKING FORCE EQUAL FOR 0.7 G.
3. DESIGN OF WALLS:
   - 3.1. THE SOIL DENSITY EQUAL TO 120 PCF.
   - 3.2. THE COEFFICIENT OF SOIL PRESSURE, Ko = 0.31 CALCULATED WITH RANKINE THEORY, FRICTION ANGLE 32 DEGREE, WAS USED TO DETERMINE THE HORIZONTAL PRESSURES ON WALLS.
4. CONCRETE:
   - 4.1. CONCRETE FOR ALL STRUCTURES SHALL CONFORM WITH SPECS. P-610, CLASS IV CONCRETE (f'c= 5,500 PSI).
   - 4.2. REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60 AND P-610 TECH SPECS.
   - 4.3. CONSTRUCTION JOINTS WILL BE PERMITTED ONLY AT LOCATIONS INDICATED ON THE PLANS. ADDITIONAL CONSTRUCTION JOINTS SHALL REQUIRE THE WRITTEN APPROVAL OF THE DESIGN PROFESSIONAL.
   - 4.4. THE CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
     - 4.4.1. COVER FOR CONCRETE CAST AGAINST THE EARTH SHALL BE 3 INCHES.
     - 4.4.2. COVER FOR ALL OTHER CONDITIONS SHALL BE 2 INCHES.
   - 4.5. ALL EXPOSED SURFACES SHALL BE GIVEN A RUBBED FINISH
5. CONSTRUCTION:
   - 5.1. PRIOR TO THE CONSTRUCTION OF STRUCTURES, CONTRACTOR SHALL VERIFY LOCATION AND THE INVERTS OF EXISTING DRAINAGE PIPES AND REPORT TO THE DESIGN PROFESSIONAL OF ANY DISCREPANCY THAT MAY AFFECT THE GEOMETRY OF THE PROPOSED STRUCTURES.
   - 5.2. WHENEVER DRAINAGE STRUCTURES ARE TO BE LOCATED WITHIN AN EXISTING PIPE LINE, REMOVE EXISTING PIPE TO THE NEAREST JOINT, CONSTRUCT STRUCTURE AND INSTALL A NEW PIECE OF PIPE TO CONNECT DRAINAGE STRUCTURE TO EXISTING PIPE.
   - 5.3. CONTRACTOR TO COORDINATE EMBEDMENT SLEEVES FOR PIPING.
   - 5.4. HOOK ALL REINFORCING AT ENDS.
   - 5.5. FOUNDATION DESIGNED FOR AN ALLOWABLE BEARING CAPACITY OF 6KSF.
6. PRECAST ALTERNATIVES:
   - 6.1. CONTRACTOR MAY PURPOSE PRECAST ALTERNATES TO CAST-IN-PLACE STRUCTURES. DESIGN CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL STRUCTURAL ENGINEER REGISTERED IN THE STATE OF FLORIDA AND SHOP DRAWINGS SHALL BE SUBMITTED BY THE CONTRACTOR FOR REVIEW BY THE DESIGN PROFESSIONAL.

MARK	DESCRIPTION	DATE

LICENSED PROFESSIONAL
DENNIS ABEL RODRIGUEZ
FL PE NO.: 80767
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS
DESIGNED BY: S. DOLATI
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CHECKED BY: C. SWANSON
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
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8333 NW 53RD STREET, SUITE E230
DORAL, FL 33166
(305) 728-7452

DRAINAGE STRUCTURE DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
S-103

FILENAME: C:\PWWORKING\EAST01\D312362610365381S-100.DWG
PLOT DATE: 2025/05/21 AT 12:49 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

ELECTRICAL NOTES:

1. ALL NEW WORK IS TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL SAFETY CODE, NATIONAL ELECTRICAL CODE, FEDERAL AVIATION ADMINISTRATION SPECIFICATIONS/ADVISORY CIRCULARS AND ORDERS, AND APPLICABLE LOCAL BUILDING CODES.
2. NEW MATERIALS SHALL BE U.L. LISTED. WHERE U.L. IS NOT APPLICABLE, ITEM MUST BE LISTED BY NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) SUCH AS INTERTEK, ETC. ALL AIRFILED LIGHTING SIGNAGE PRODUCTS MUST BE LISTED AS LISTED IN THE LATEST ADDENDUM TO AC 150/5345-53D, AIRPORT LIGHTING CERTIFICATION PROGRAM.
3. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS ASSOCIATED WITH THE WORK. PERMITS SHALL BE OBTAINED IN A TIMELY FASHION TO ENSURE NO NEGATIVE IMPACT ON THE CONSTRUCTION SCHEDULE. COORDINATE WITH THE RPR AND NOTIFY THE CODE ENFORCING AUTHORITIES HAVING JURISDICTION TO SCHEDULE REQUIRED INSPECTIONS (E.G. FAA, STATE, COUNTY, CITY, LOCAL, ETC).
4. ALL MATERIALS SCHEDULED FOR REMOVAL SUCH AS EXISTING LIGHTS, TRANSFORMERS, ETC, WHICH ARE DEEMED SALVAGEABLE BY MDAD SHALL BE BE DELIVERED TO LOCATION ON THE AIRPORT PROPERTY TO BE STORED AND PROTECTED. ALL NON-SALVAGEABLE MATERIALS REMOVED SUCH AS CONCRETE FOUNDATIONS, CONDUIT, CONDUCTORS, ETC. ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND BE PROPERLY AND LEGALLY DISPOSED OF.
5. COORDINATE WORK WITH MDAD AND THE FEDERAL AVIATION ADMINISTRATION PRIOR TO AND DURING CONSTRUCTION TO ENSURE THAT ALL ELECTRICAL CIRCUITS AND FACILITIES HAVE BEEN LOCATED, FLAGGED, AND ACCOUNTED FOR AND THAT ALL NECESSARY CIRCUITS HAVE BEEN DETERMINED PRIOR TO INITIATING CONSTRUCTION IN ANY LOCATIONS.
6. MAINTAIN THAT ALL CIRCUITS THAT, EXCEPT THOSE THAT ARE SERVING CLOSED TAXIWAYS OR RUNWAYS, ARE COMPLETELY OPERATIONAL USING THE ALCMS AT THE END OF EACH DAY AND ARE TO SO CERTIFY TO THE OWNER'S REPRESENTATIVE BEFORE LEAVING THE SITE EACH DAY.
7. ALL EXISTING SYSTEMS/UTILITIES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. REPLACEMENT OF ANY DAMAGED EXISTING SYSTEMS/UTILITIES ARE TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGED ELECTRICAL SYSTEMS AND SHALL MAKE REPAIRS IMMEDIATELY, AT THE CONTRACTOR'S EXPENSE, IN ACCORDANCE WITH APPLICABLE FAA SPECIFICATIONS. DAMAGE TO THE ELECTRICAL SYSTEMS ARE TO BE IMMEDIATELY REPORTED TO THE RPR.
8. THE DUCTBANKS AND CONDUITS BETWEEN DEMOLISHED MANHOLES, HANDHOLES, BASE CANS, ETC, ARE TO BE REMOVED EXCEPT WHERE LOCATED UNDER EXISTING PAVEMENT TO REMAIN OR WHERE THE DUCT OR CONDUIT IS TO BE EXTENDED IN THE NEW WORK.
9. UTILIZE CABLE TRACER EQUIPMENT TO LOCATE THE EXISTING CABLES. UTILIZE HAND DIGGING WITHIN TEN (10) FEET OF ANY KNOWN OR SUSPECTED EXISTING UNDERGROUND CABLES AND UTILITIES WHICH ARE NOT TO BE DISTURBED.
10. DEWATERING FOR THE INSTALLATION OF MANHOLES, HANDHOLES, AND DUCTBANKS IS NOT PERMITTED. CONTRACTOR TO SEE SPEC P-610 FOR DIRECTION .
11. ITEMS SHOWN IN GRAY OR SCREENED (LIGHT) ARE EXISTING ITEMS AND ITEMS SHOWN IN SOLID (BOLD) ARE NEW AND TO BE INSTALLED UNDER THIS CONTRACT UNLESS OTHERWISE NOTED.
12. FOR EVERY LIGHT FIXTURE AND SIGN INSTALLED UNDER THIS CONTRACT, THE EXACT PLACEMENT AND LOCATION MUST BE OBTAINED VIA SURVEY AND APPROVED BY THE RPR BEFORE INSTALLATION.
13. REFER TO CIVIL DRAWINGS C301 - C310 FOR AIRFIELD GEOMETRY AND MARKING PLANS WITH RESPECT TO RUNWAY OR TAXIWAY LIGHT FIXTURE LOCATIONS.
14. VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
15. CONDUCT INSULATION RESISTANCE TO GROUND TESTS (MEGGER) ON EACH CIRCUIT AFFECTED BY THIS WORK BEFORE COMMENCING WORK ON THAT CIRCUIT. TEST SHALL PERFORMED ON THE COMPLETE EXISTING CIRCUIT. CONTRACTOR SHALL PREPARE AND FORWARD TO THE OWNER'S REPRESENTATIVE A WRITTEN REPORT, BY CIRCUIT, OF THESE RESULTS. THE CONTRACTOR SHALL REPEAT THIS TEST ON EACH AFFECTED CIRCUIT AFTER THE COMPLETION OF THE WORK. RESULTS OF BOTH TESTS SHALL BE PROVIDED TO THE RPR. CONTRACTOR ARE TO BE RESPONSIBLE FOR PROVIDING CIRCUITS WITH A FINAL INSULATION RESISTANCE TEST RESULT NO LESS THAN 50 MEGAOHMS OR 100% OF THE ORIGINAL READING, WHICHEVER IS HIGHER. ADDITIONAL GROUND RODS MAY BE INSTALLED TO MEET THESE REQUIREMENTS.
16. THE IDENTITY AND ROUTING OF ALL CABLES SHOWN ON THE PLANS ARE TO BE VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE RPR AND RECORDED IN THE AS-BUILT DRAWINGS TO PROVIDE AN ACCURATE RECORD OF THE CONDITIONS. THE CONTRACTOR SHALL COORDINATE INFORMATION SHOWN ON THE PLAN SHEETS WITH EXISTING CABLES WHICH WILL REQUIRE STAKE OUT PRIOR TO CONSTRUCTION. CONTRACTOR SHALL VERIFY EXISTING CIRCUIT ROUTING PRIOR TO COMMENCING WORK.
17. AT THE COMPLETION OF THE INSTALLATION OF WORK, THE ALCMS SYSTEM SHALL BE UPDATED ACCORDINGLY. COORDINATE WITH ADB SAFEGATE FOR UPDATES TO THE SYSTEM.

ABBREVIATIONS

AMP, A	AMPERE
ALCMS	AIRFIELD LIGHTING CONTROL AND MONITORING SYSTEM
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CONT.	CONTINUATION
EC	EMPTY CONDUIT
EQ.	EQUAL
FAA	FEDERAL AVIATION ADMINISTRATION
G, GND	GROUND
GS	GUIDANCE SIGN
IP	INFLECTION POINT
JCP	JUNCTION CAN PLAZA
MDAD	MIAMI-DADE COUNTY AVIATION DEPARTMENT
MAX	MAXIMUM
MIN	MINIMUM
N	NEUTRAL
NO.	NUMBER
NTS, N.T.S.	NOT TO SCALE
OAE	OR APPROVED EQUAL
PAPI	PRECISION APPROACH PATH INDICATOR
PVC	POLYVINYL CHLORIDE
P	POWER
PT	POINT OF TANGENCY
QTY	QUANTITY
RGS	RIGID GALVANIZED STEEL
RPR	RESIDENT PROJECT REPRESENTATIVE
SCH. 40	SCHEDULE 40
SPA.	SPACE
STA., STA	STATION
TMB	MIAMI EXECUTIVE AIRPORT
TOFA	TAXIWAY OBJECT FREE AREA
TSA	TAXIWAY SAFETY AREA
TYP., (TYP.)	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLTAGE
WWF	WELDED WIRE FABRIC

REFER TO THE FOLLOWING REFERENCES FOR ADDITIONAL ABBREVIATIONS NOT DEFINED ABOVE

- FAA (HTTPS://WWW.FAA.GOV/AIRPORTS/RESOURCES/ACRONYMS/)
- FAA ADVISORY CIRCULAR AC 150/5340-30J APPENDIX C
- NFPA 70 NATIONAL ELECTRICAL CODE (NEC) (HTTPS://WWW.NFPA.ORG)

EQUIPMENT SCHEDULE

FAA STYLE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	TRANSFORMER CCR LOAD	COMMENTS
L-858Y	GUIDANCE SIGN - DIRECTION, DESINATION	ADB SAFEGATE	S2X7Y12	1-2 MODS - 95VA, 3 MODS - 100VA, 4 MODS - 115VA	OR APPROVED EQUAL. X TO INDICATE NUMBER OF MODULES AND Y TO INDICATE NUMBER OF FACES.
L-858R	MANDATORY SIGN	ADB SAFEGATE	S2X7Y12	1-2 MODS - 95VA, 3 MODS - 100VA, 4 MODS - 115VA	OR APPROVED EQUAL. X TO INDICATE NUMBER OF MODULES AND Y TO INDICATE NUMBER OF FACES.
L-858L	RUNWAY/TAXIWAY LOCATION	ADB SAFEGATE	S2X7Y12	1-2 MODS - 95VA, 3 MODS - 100VA, 4 MODS - 115VA	OR APPROVED EQUAL. X TO INDICATE NUMBER OF MODULES AND Y TO INDICATE NUMBER OF FACES.
L-861(L)	RUNWAY EDGE LIGHT - ELEVATED	ADB SAFEGATE	EMIS2XY1S00	21.5VA	OR APPROVED EQUAL
L-861T(L)	TAXIWAY EDGE LIGHT - ELEVATED	ADB SAFEGATE	ETES110	8.4VA	OR APPROVED EQUAL

ELECTRICAL LEGEND:

ELECTRICAL DEMOLITION

- REMOVE EXISTING TAXIWAY EDGE LIGHT, TRANSFORMER AND BASE CAN
- XXX — REMOVE EXISTING GUIDANCE SIGN, TRANSFORMER AND FOUNDATION. XXX INDICATES SIGN NUMBER.
- REMOVE EXISTING MANHOLE
- REMOVE EXISTING EMPTY BASE CAN
- REMOVE AND STORE RUNWAY END LIGHTS, REMOVE BASE CAN AND REINSTALL ELEVATED RUNWAY END LIGHT ON NEW BASE CAN.
- REMOVE EXISTING INSET RUNWAY EDGE LIGHT AND FURNISH AND INSTALL ELEVATED RUNWAY EDGE LIGHT. COLORS TO MATCH EXISTING WITH ADAPTER RING TO MATE ELEVATED FIXTURE BOLT PATTERN.
- REMOVE EXISTING CONDUIT OR DUCT BANK

EXISTING ELECTRICAL

- XXX — EXISTING GUIDANCE SIGN TO REMAIN. XXX INDICATES SIGN NUMBER.
- EXISTING TAXIWAY OR RUNWAY EDGE LIGHT TO REMAIN.
- EXISTING JUNCTION BOX, MANHOLE, OR HANDHOLE TO REMAIN.
- EXISTING EMPTY BASE CAN TO REMAIN
- EXISTING WINDCONE TO REMAIN
- PROTECT EXISTING DUCT BANK

PROPOSED ELECTRICAL

- FURNISH AND INSTALL ADJUSTABLE L-867 BASE CAN AND LED ELEVATED TAXIWAY EDGE LIGHT. SEE DETAIL 1 ON DRAWING E-401.
- FURNISH AND INSTALL L-867 BASE CAN AND LED ELEVATED TAXIWAY EDGE LIGHT. SEE DETAIL 3 ON DRAWING E-401.
- GS-XX — FURNISH AND INSTALL NEW GUIDANCE SIGN AND BASE CAN. SEE SIGN SCHEDULE ON DRAWING E-244 FOR MORE INFORMATION. SEE DETAIL 1 ON DRAWING E-402. 'XX' TO INDICATE SIGN NUMBER.
- JCP-001 — FURNISH AND INSTALL NEW 4 CAN PLAZA AS PER DETAIL 1 ON E404.
- JCP-001 — FURNISH AND INSTALL NEW 6 CAN PLAZA AS PER DETAIL 1 ON E405.
- PROPOSED DUCT BANK, SEE DETAIL 1 ON SHEET E-405 FOR INSTALLATION DETAIL
- FURNISH AND INSTALL 2" PVC SCH 40 CONDUIT AND CABLES AS PER CALLOUT. SEE BELOW FOR CALLOUT LEGEND.
- ALIGNMENT OF EDGE LIGHT ACROSS TW

#-X
1C
#WY"

CABLE INDICATOR:
#-X: # INDICATES QUANTITY OF CONDUCTORS, X INDICATES CIRCUIT ID
1C: 1 INDICATES QUANTITY OF #6 AWG SOLID COUNTERPOISE
#WY":# INDICATES NUMBER OF CONDUIT OF "Y" SIZE, Y INDICATES CONDUIT SIZE (INCHES)

TWX-YYY 4-2"
A - 2-ZZZ
B - SPARE
C - SPARE
D - SPARE

DUCT BANK INDICATOR:
TWX-YYY: X TO INDICATE ADJACENT TAXIWAY, YYY INDICATES DUCT BANK ID
2-ZZZ: ZZZ TO INDICATE CIRCUIT ID, 2 TO INDICATE NUMBER OF CONDUCTORS
SPARE: INDICATES A EMPTY CONDUIT
CONDUITS ARE LETTERED LEFT TO RIGHT, TOP TO BOTTOM WITH THE TOP LEFT CONDUIT BEING A AND THE BOTTOM RIGHT CONDUIT BEING LAST IN ALPHABETICAL ORDER

TWX-YYY

DUCT BANK IDENTIFIER:
TWX-YYY: X INDICATES NEIGHBORING TAXIWAY IDENTIFIER YYY INDICATES DUCT BANK ID

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	I. DENHOLM
DRAWN BY:	J.PORTER
CHECKED BY:	M. TATARA
SUBMITTED BY:	R. DOSSANI

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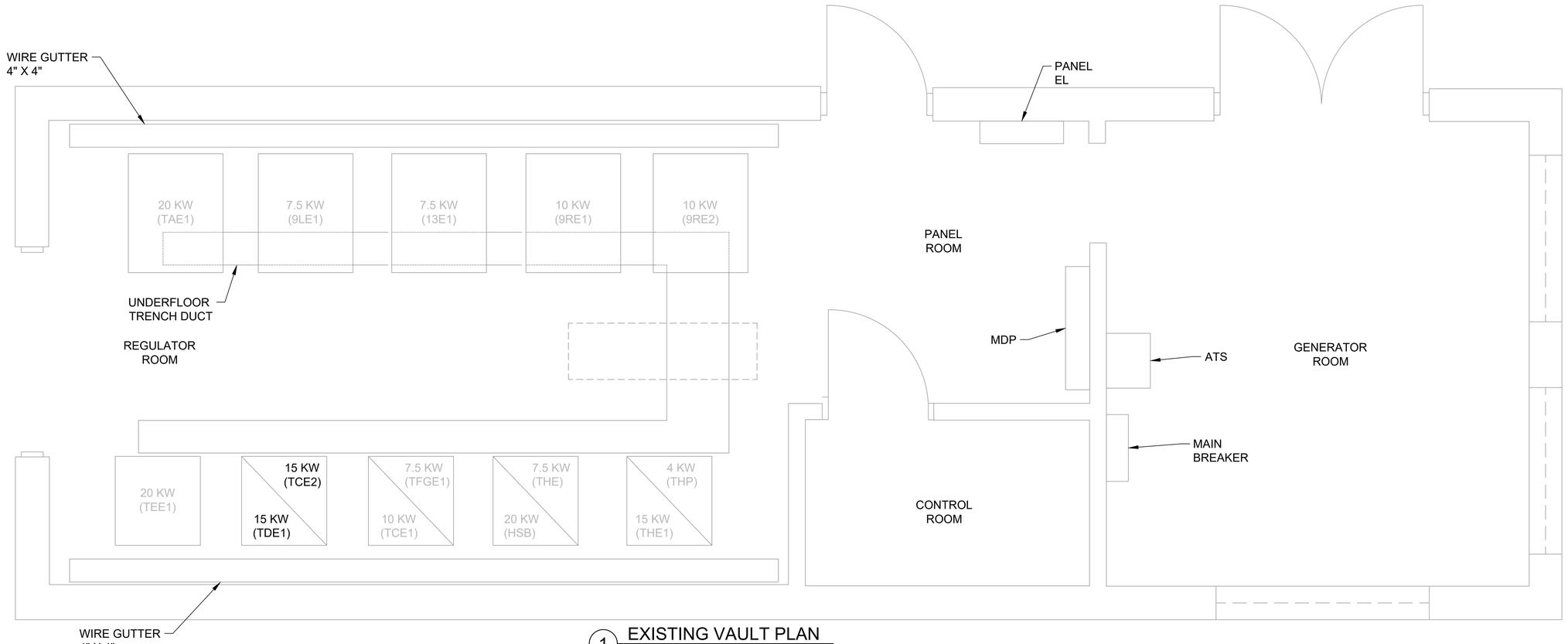
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ELECTRICAL NOTES AND ABBREVIATIONS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-001

FILENAME: C:\PWWORKING\EAST01\D312362I\10365381E-001.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB



1 EXISTING VAULT PLAN
N.T.S.

PANELBOARD NO: **MDP (EXISTING)**

VOLTAGE:	480Y/277	**BUS RATING (A):**	400	**ENCLOSURE:**	N/A
PHASE:	3	**MAIN OC DEVICE:**	400/3	**MOUNTING:**	SURFACE
WIRE:	3	**INTERRUPTING RATING (KA):**	22	**LOCATION:**	PANEL ROOM
200% NEUTRAL:	YES	**SERVICE ENTRANCE LABEL:**	YES		

CKT NO.	DESCRIPTION	CONNECTED LOAD (VA) LTS	REC	MECH	MISC	OCP AMPS	P		OCP AMPS	P	CONNECTED LOAD (VA) LTS	REC	MECH	MISC	DESCRIPTION	CKT NO.
1	REGULATOR (20KW) TEE1					50	2	A	30	2					REGULATOR (7.5KW) 9LE1	2
3								B								4
5	**REGULATOR (15KW) TDE1 (SEE NOTE 3)**	**5,983**				**40**	**2**	C	30	2					REGULATOR (7.5KW) 13E1	6
7		**5,983**						A								8
9	REGULATOR (7.5KW) TFGE1					20	2	B	30	2					REGULATOR (10KW) 9RE1	10
11								C								12
13	REGULATOR (15KW) THE1					40	2	A	20	2					REGULATOR (4KW) THP	14
15								B								16
17	SPARE					20	1	C	30	2					REGULATOR (10KW) 9RE2	18
19	REGULATOR (20KW) HSB					50	2	A								20
21								B	20	1					SPARE	22
23	REGULATOR (20KW) TAE1					50	2	C	30	1					GEO THERMAL HEATER	24
25								A	20	1					SPARE	26
27	PNL "EL" VIA 30 KVA XFMR					45	3	B	20	1					SPARE	28
29								C	20	1					SPARE	30
31								B	30	2					REGULATOR (7.5KW) THE	32
33	SPACE							C								34
35	SPACE							A	30	2					REGULATOR (10KW) TCE1	**36**
37	SPACE							B								**38**
39	SPACE							C	**30**	**2**	**1,400**				**REGULATOR (10KW) TCE2 (SEE NOTE 3)**	40
41	SPACE							C			**1,400**					42

LOAD SUMMARY

	LTS	REC	MECH	MISC	SPARE	TOTAL				PHASE BALANCE	
CONNECTED LOAD (KVA)	14.8	0.0	0.0	0.0	---	14.8		480	LINE-TO-LINE VOLTS	PHASE A (KVA)	6
DEMAND FACTOR	1.25	NEC	1.00	1.00	20%	---		18	CONNECTED AMPS	PHASE B (KVA)	0
DESIGN LOAD (KVA)	18.5	0.0	0.0	0.0	3.0	21.4		26	DESIGN AMPS	PHASE C (KVA)	7

NOTES:

1. THIS EXISTING VAULT PLAN IS BASED ON THE TAXIWAY IMPROVEMENTS PHASE II RECORD DRAWINGS PREPARED BY INDEPENDENT MECHANICAL DESIGNERS & CONSULTANTS INC. ON JULY 2001.
2. EXISTING LOADS ARE NOT SHOWN AS RECORD DATA PRE-DATES UPDATING OF AIRFIELD LIGHTING TO LED AND THEREFORE IS NOT ACCURATE.
3. CIRCUITS IN BOLD ARE ONES TO BE MODIFIED.

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DORAL, FL 33166
(305) 728-7452

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

MARK	DESCRIPTION	DATE
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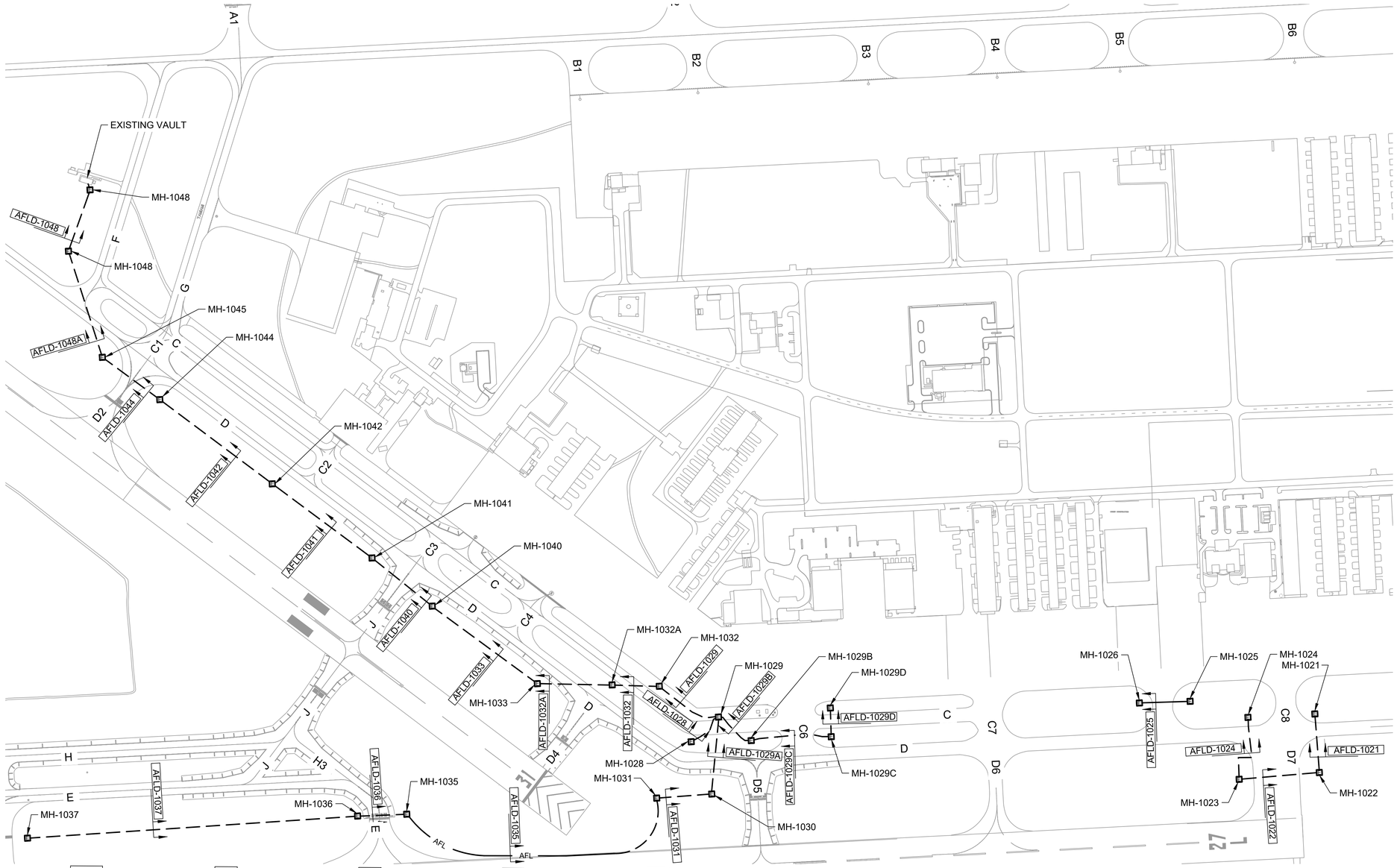
LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

REVISED VAULT PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-002

FILENAME: C:\PWWORKING\EAST01\D312362B\I10365381E-002.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB



LEGEND

- EXISTING MANHOLE TO REMAIN
- EXISTING DUCT BANK, SEE DEMOLITION PLANS FOR REMOVALS

NOTES

1. NOT ALL SYMBOLS IN LEGEND ARE USED IN EACH PLAN SHEET.
2. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.
3. THIS DRAWING IS SHOWN FOR REFERENCE ONLY SHOWING PARTIAL EXISTING AIRFIELD ELECTRICAL DUCTBANK SYSTEM TO BE UTILIZED FOR THIS PROJECT.

AFLD-1048A — 6-4"
A - 2-13E1, 2-9RE1
B - 2-TDE1, 2-TEE1
C - 2-9RE2
D - 2-THE1
E - 2-TCE2
F - SPARE

AFLD-1048 — 6-4"
A - 2-13E1, 2-9RE1
B - 2-TDE1, 2-TEE1
C - 2-9RE2
D - 2-THE1
E - 2-TCE2
F - SPARE

AFLD-1044 — 4-4"
A - 2-13E1, 2-9RE1
B - 2-TDE1, 2-TEE1
C - 2-9RE2, 2-TCE2
D - 2-THE1

AFLD-1042 — 4-4"
A - 2-13E1, 2-9RE1
B - 2-TDE1, 2-TEE1
C - 2-9RE2, 2-TCE2
D - 2-THE1

AFLD-1041 — 4-4"
A - 2-13E1, 2-9RE1
B - 2-TDE1, 2-TEE1, 2-THE1
C - 2-9RE2
D - 2-TCE2

AFLD-1040 — 4-4"
A - 2-13E1, 2-9RE1
B - 2-TDE1, 2-TEE1, 2-THE1
C - 2-9RE2
D - 2-TCE2

AFLD-1037 — 4-4"
A - 2-9RE1
B - 2-TEE1
C - 2-9RE2
D - SPARE

AFLD-1036 — 4-4"
A - 2-9RE1
B - 2-TEE1
C - 2-9RE2
D - SPARE

AFLD-1035 — 4-4"
A - 2-9RE1
B - 2-TEE1
C - 2-9RE2
D - SPARE

AFLD-1033 — 4-4"
A - 2-9RE1
B - 2-TEE1, 2-TCE2
C - 2-9RE2
D - 2-THE1

AFLD-1032A — 4-4"
A - 2-9RE1
B - 2-TEE1, 2-TDE1
C - 2-9RE2, 2-TCE2
D - 2-THE1

AFLD-1032 — 4-4"
A - 2-9RE1
B - 2-TEE1, 2-TDE1
C - 2-9RE2, 2-TCE2
D - 2-THE1

AFLD-1031 — 4-4"
A - 2-9RE1
B - 2-TEE1
C - 2-9RE2
D - 2-THE1

AFLD-1030 — 4-4"
A -2-9RE1
B - 2-TEE1
C - 2-9RE2
D - 2-THE1

AFLD-1029D — 4-4"
A - 2-THE1
B - 2-TEE1, 2-TDE1
C - SPARE
D - SPARE

AFLD-1029C — 4-4"
A - 2-THE1
B - 2-TEE1, 2-TDE1
C - SPARE
D - SPARE

AFLD-1029B — 4-4"
A - 2-THE1
B - 2-TEE1, 2-TDE1
C - SPARE
D - SPARE

AFLD-1029A — 4-4"
A - 2-9RE1
B - 2-TEE1
C - 2-9RE2
D - 2-THE1

AFLD-1029 — 4-4"
A - 2-9RE1
B - 2-TEE1, 2-TDE1
C - 2-9RE2, 2-TCE2
D - 2-THE1

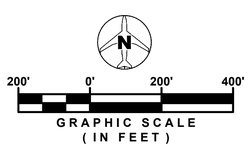
AFLD-1028 — 2-4"
A - 2-TEE1
B - SPARE

AFLD-1025 — 2-4"
A - 2-TEE1
B - SPARE

AFLD-1024 — 2-4"
A - 2-TEE1
B - SPARE

AFLD-1022 — 4-4"
A - 2-TEE1
B - SPARE
C - SPARE
D - SPARE

AFLD-1021 — 2-4"
A - 2-TEE1
B - SPARE



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

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PARTIAL DUCTBANK AIRFIELD LIGHTING POWER PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-100

FILENAME: C:\PWWORKING\EAST01\D312362I\103653381E-100.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB

LEGEND

1. SEE LEGEND ON E-001

NOTES

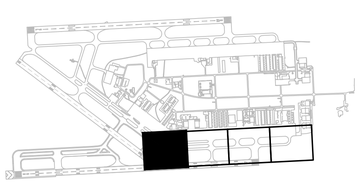
1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.
2. ANY LIGHTS TO REMAIN THAT ARE REMOVED AS PART OF PAVING OR OTHER CONSTRUCTION WORK. REMOVE, STORE, AND COVER THE BASE CAN WITH A BLANK BASE CAN COVER WHERE WORK IS TO OCCUR. REINSTALL LIGHT ON EXISTING BASE CAN UPON COMPLETION.
3. MAINTAIN OPERATION OF EXISTING CIRCUITS OF ACTIVE TAXIWAY OR PROVIDE TEMPORARY TW EDGE LIGHTS.

SHEET KEYNOTES

1. DEMOLISH CONDUIT TO WITHIN 5 FOOT OF THE EXISTING BASE CAN. CAP AND PROTECT CONDUIT UNTIL NEW CONDUIT IS INSTALLED.
2. EXISTING GUIDANCE SIGN FOUNDATION ONLY

AFLD-1032A
AFLD-1032
TWY C
400+00
401+00
TWY D4
TWY D
300+00
301+00
CAP EXISTING CONDUIT AND REMOVE EXISTING CABLES
AFLD-1028
AFLD-1029
CAP EXISTING CONDUIT AND REMOVE EXISTING CABLES
403+00
404+00
405+00
406+00
407+00
2x4"C
4x4"C
4x4"C
4x4"C
SPOT 13
AFLD-1029B
TWY C6
302+00
303+00
304+00
305+00
306+00
307+00
MATCHLINE - SEE SHEET E-102
TWY D5
AFLD-1031
AFLD-1030
27L-9R
27L-9R
RWY 13-31
RWY 9R/27L

KEY MAP



GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

MIAMI-DADE AVIATION DEPARTMENT
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DORAL, FL 33166
(305) 728-7452

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

MARK	DESCRIPTION	DATE
-	-	-

ISSUE DATE: 11/22/2024
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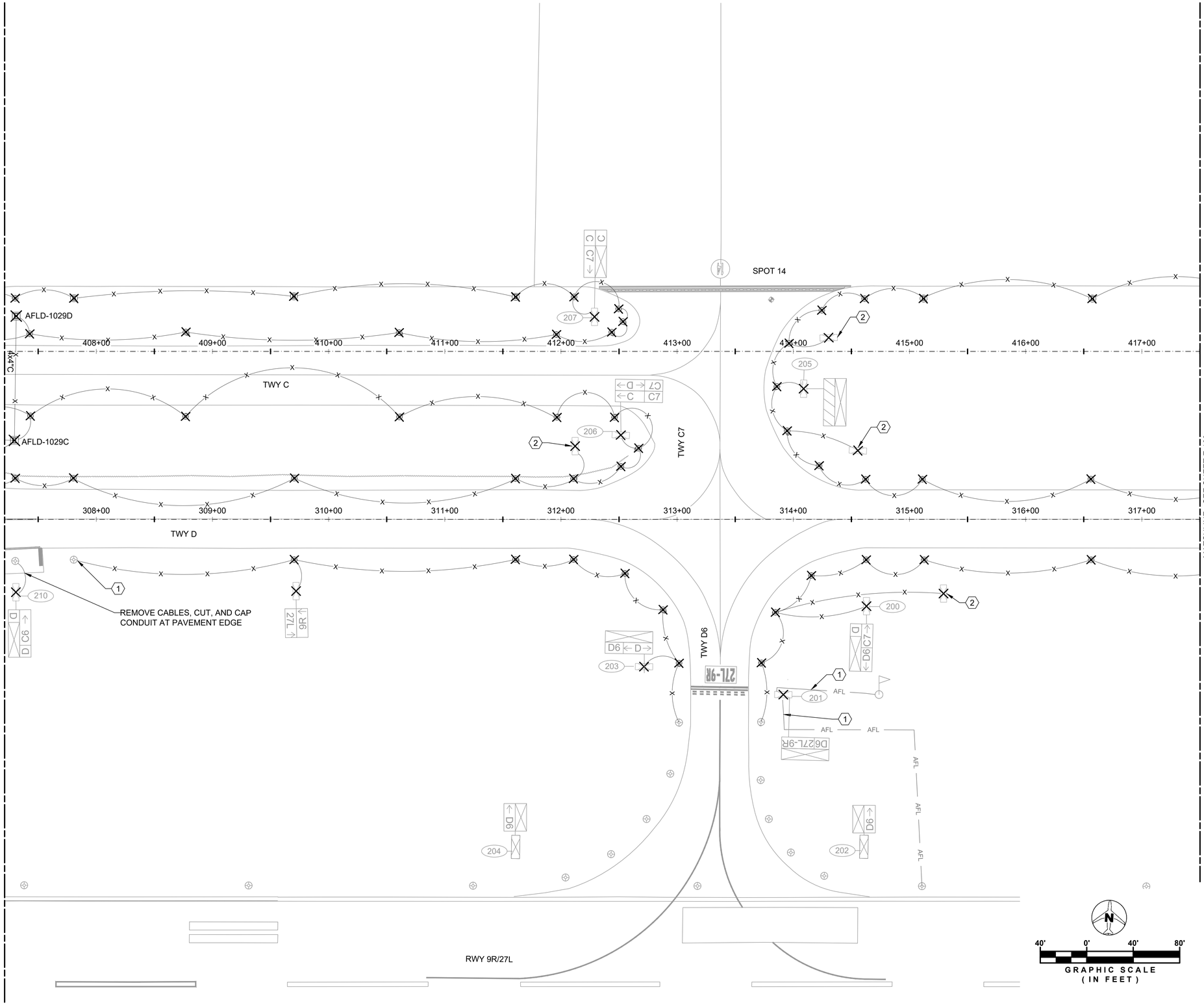
DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

ELECTRICAL DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-101

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381\E-101-104.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB



LEGEND

1. SEE LEGEND ON E-001

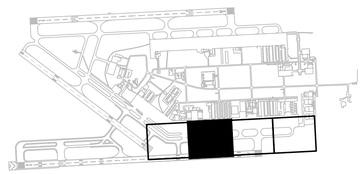
NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.
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3. MAINTAIN OPERATION OF EXISTING CIRCUITS OF ACTIVE TAXIWAY OR PROVIDE TEMPORARY TW EDGE LIGHTS.

SHEET KEYNOTES

1. DEMOLISH CONDUIT TO WITHIN 5 FOOT OF THE EXISTING BASE CAN. CAP AND PROTECT CONDUIT UNTIL NEW CONDUIT IS INSTALLED.
2. EXISTING GUIDANCE SIGN FOUNDATION ONLY

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

DESIGNED BY: I. DENHOLM	ISSUE DATE: 11/22/2024
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ELECTRICAL DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-102

FILENAME: C:\PWWORKING\EAST01\D312362610365381E-101-104.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB

LEGEND

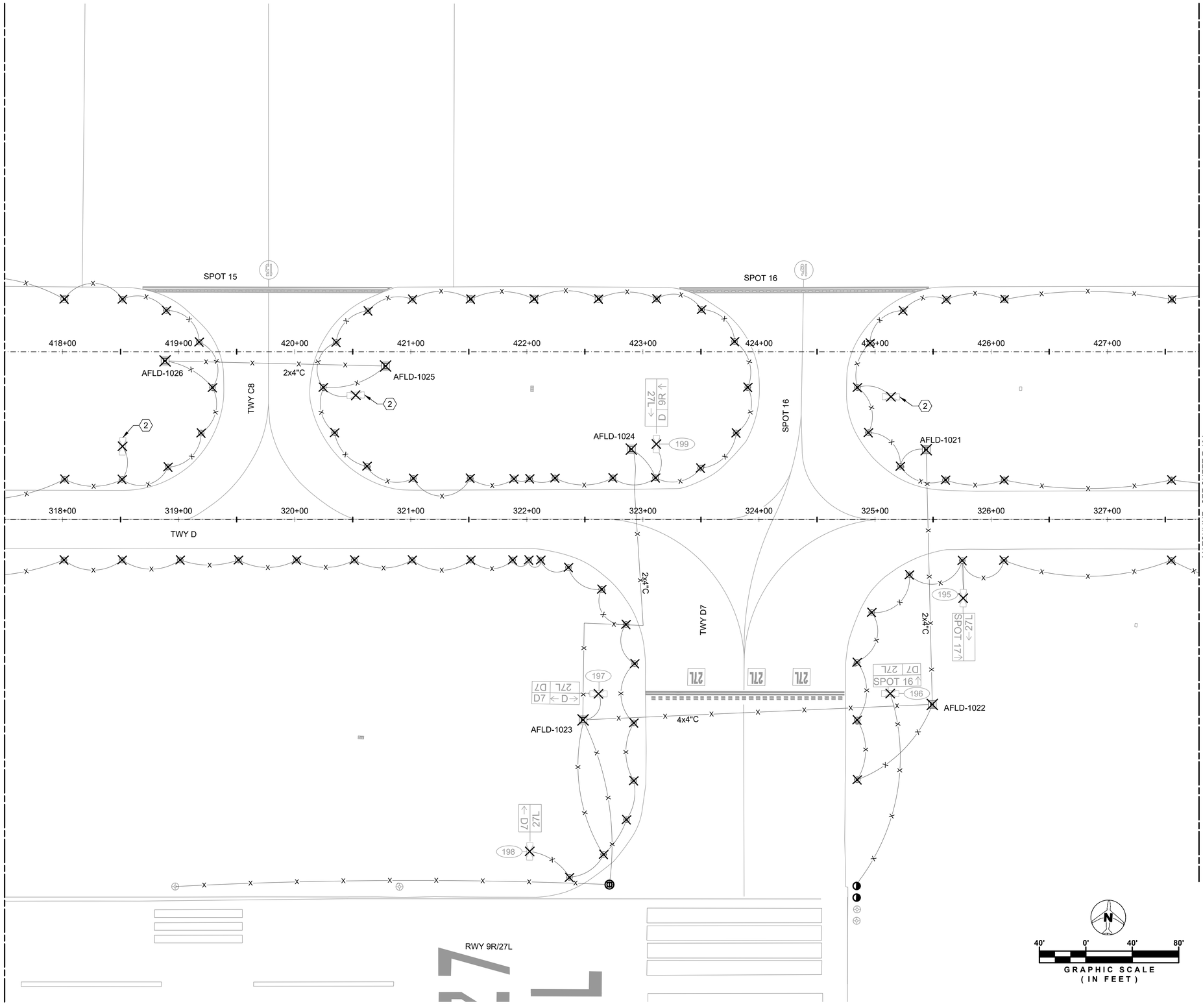
1. SEE LEGEND ON E-001

NOTES

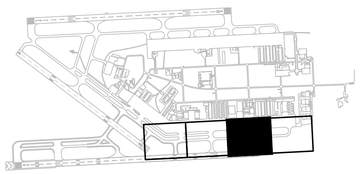
1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.
2. ANY LIGHTS TO REMAIN THAT ARE REMOVED AS PART OF PAVING OR OTHER CONSTRUCTION WORK. REMOVE, STORE, AND COVER THE BASE CAN WITH A BLANK BASE CAN COVER WHERE WORK IS TO OCCUR. REINSTALL LIGHT ON EXISTING BASE CAN UPON COMPLETION.
3. MAINTAIN OPERATION OF EXISTING CIRCUITS OF ACTIVE TAXIWAY OR PROVIDE TEMPORARY TW EDGE LIGHTS.

SHEET KEYNOTES

1. DEMOLISH CONDUIT TO WITHIN 5 FOOT OF THE EXISTING BASE CAN. CAP AND PROTECT CONDUIT UNTIL NEW CONDUIT IS INSTALLED.
2. EXISTING GUIDANCE SIGN FOUNDATION ONLY



KEY MAP



GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

DESIGNED BY: I. DENHOLM	ISSUE DATE: 11/22/2024
DRAWN BY: J.PORTER	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: M. TATARA	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

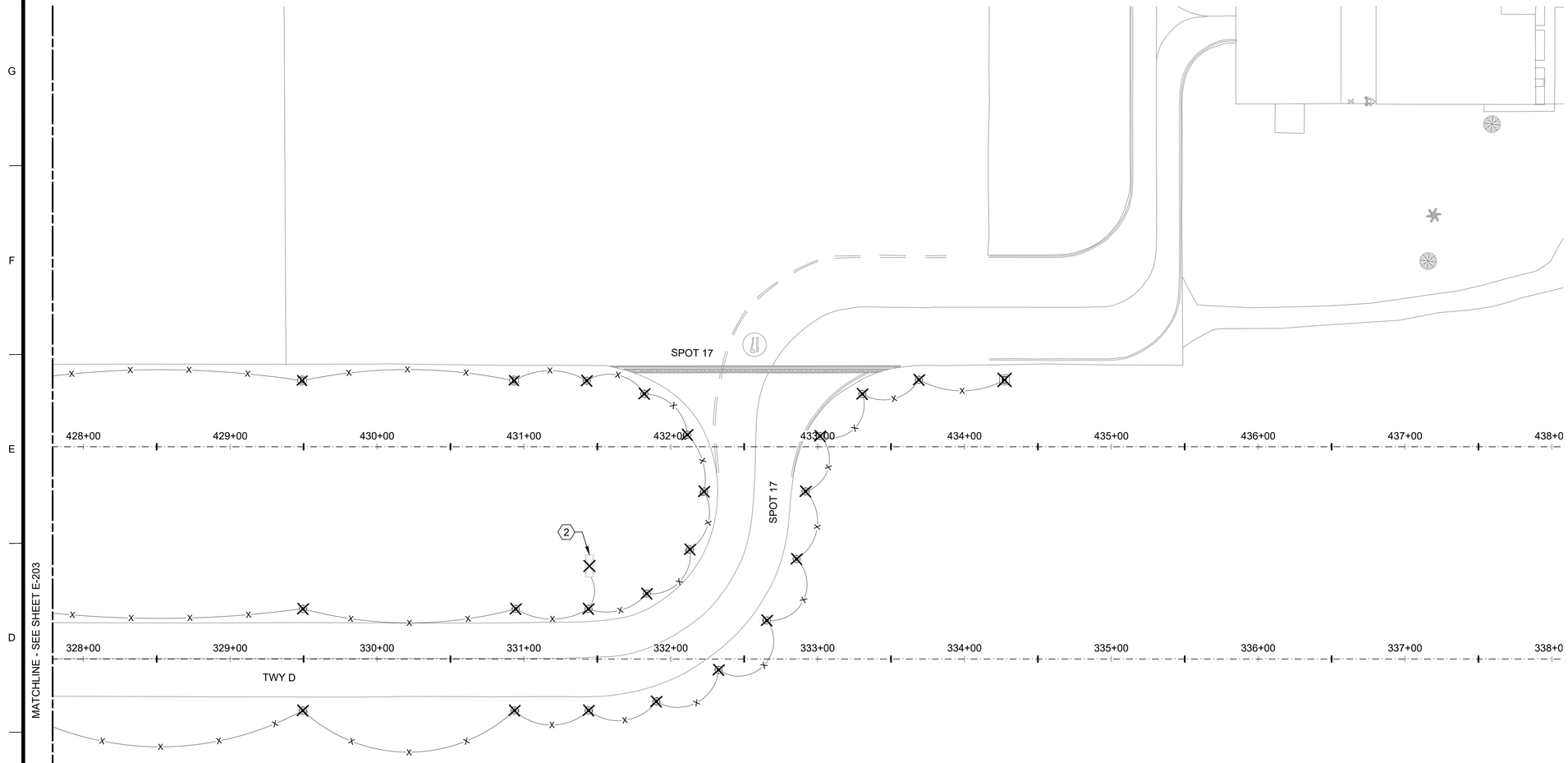
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

ELECTRICAL DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-103

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381\E-101-104.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB



LEGEND

1. SEE LEGEND ON E-001

NOTES

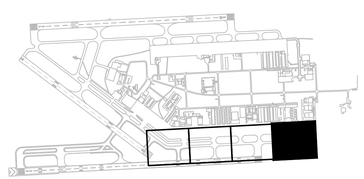
1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.
2. ANY LIGHTS TO REMAIN THAT ARE REMOVED AS PART OF PAVING OR OTHER CONSTRUCTION WORK. REMOVE, STORE, AND COVER THE BASE CAN WITH A BLANK BASE CAN COVER WHERE WORK IS TO OCCUR. REINSTALL LIGHT ON EXISTING BASE CAN UPON COMPLETION.
3. MAINTAIN OPERATION OF EXISTING CIRCUITS OF ACTIVE TAXIWAY OR PROVIDE TEMPORARY TW EDGE LIGHTS.

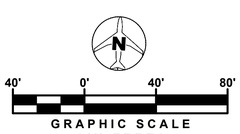
SHEET KEYNOTES

(1) DEMOLISH CONDUIT TO WITHIN 5 FOOT OF THE EXISTING BASE CAN. CAP AND PROTECT CONDUIT UNTIL NEW CONDUIT IS INSTALLED.

(2) EXISTING GUIDANCE SIGN FOUNDATION ONLY

KEY MAP





MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

ELECTRICAL DEMOLITION PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

E-104

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381\E-101-104.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB

LEGEND

1. SEE LEGEND ON E-001

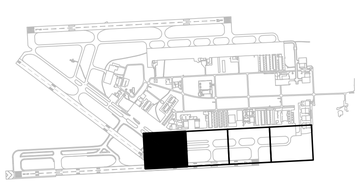
NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.
2. ANY LIGHTS TO REMAIN THAT ARE REMOVED AS PART OF PAVING OR OTHER CONSTRUCTION WORK. REMOVE, STORE, AND COVER THE BASE CAN WITH A BLANK BASE CAN COVER WHERE WORK IS TO OCCUR. REINSTALL LIGHT ON EXISTING BASE CAN UPON COMPLETION.
3. MAINTAIN OPERATION OF EXISTING CIRCUITS OF ACTIVE TAXIWAY OR PROVIDE TEMPORARY TW EDGE LIGHTS.

AFLD-1032A E
AFLD-1032 E
APRON
AFLD-1029 E
400+00
401+00
402+00
403+00
404+00
405+00
406+00
407+00
TWY C
2 EQ SPA @ 47.46'
2 EQ SPA @ 52.42'
2 EQ SPA @ 39.48' (CONT.)
3 EQ SPA @ 80.80'
24.37'
64.84'
2 EQ SPA @ 28.34'
PT
IP
JCP-001
GS-18
GS-28
GS-29
50.00'
51.63'
51.63'
50.00'
300+00
301+00
302+00
303+00
304+00
305+00
306+00
307+00
2 EQ SPA @ 135.44'
TWY D
MATCHLINE - SEE SHEET E-202
2 EQ SPA @ 39.48' (CONT.)
GS-19
GS-20
TWY D5
GS-21
AFLD-1031 E
AFLD-1030 E
RWY 13-31
GS-21A
GS-21B
RWY 9R-27L

N
40' 0' 40' 80'
GRAPHIC SCALE
(IN FEET)

KEY MAP



MATCHLINE - SEE SHEET E-202

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

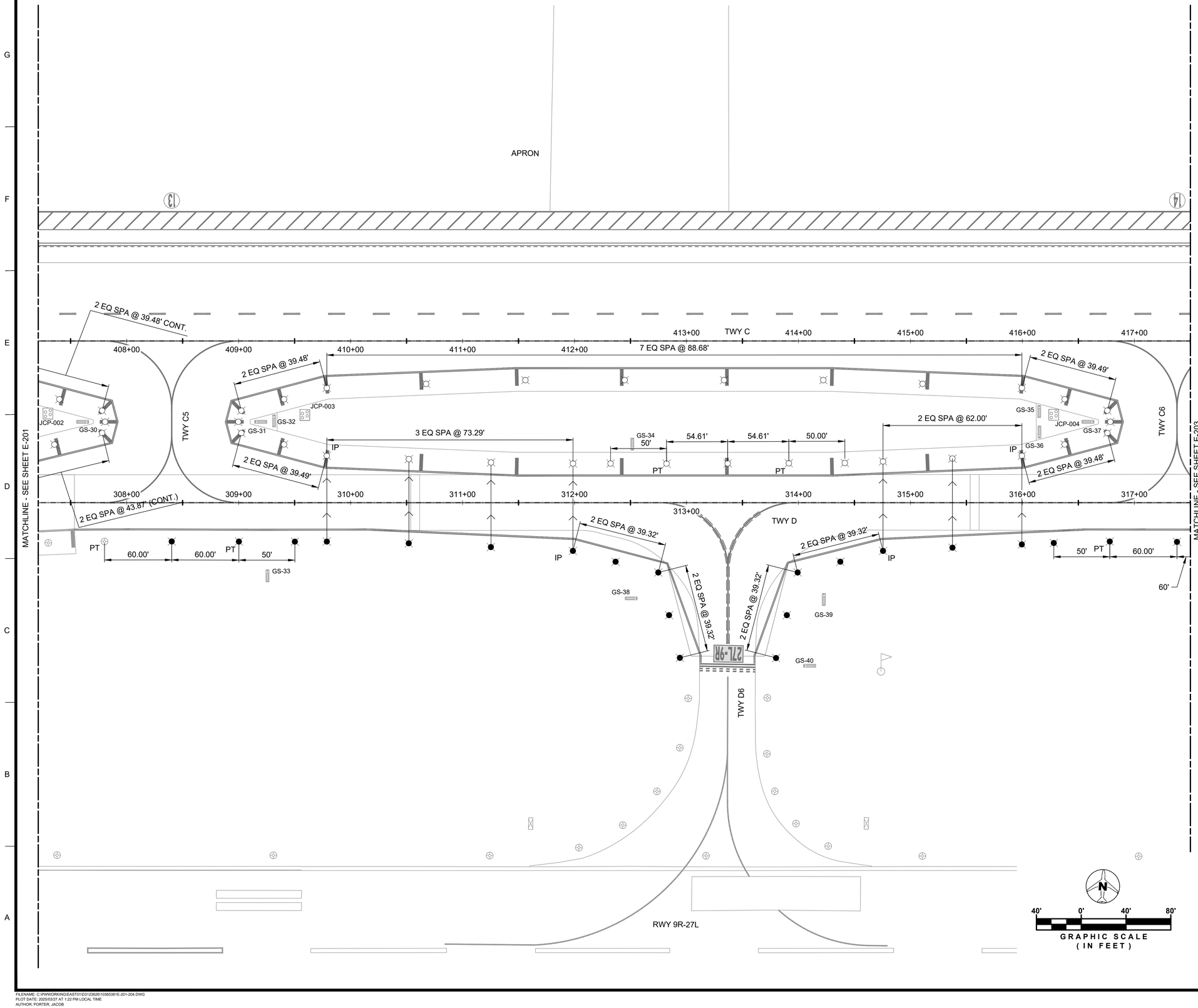
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

LIGHTING LAYOUT PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-201

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381\E-201-204.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB



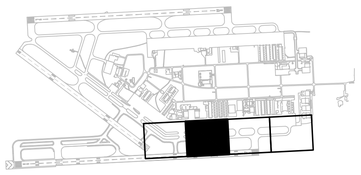
LEGEND

1. SEE LEGEND ON E-001

NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.
2. ANY LIGHTS TO REMAIN THAT ARE REMOVED AS PART OF PAVING OR OTHER CONSTRUCTION WORK. REMOVE, STORE, AND COVER THE BASE CAN WITH A BLANK BASE CAN COVER WHERE WORK IS TO OCCUR. REINSTALL LIGHT ON EXISTING BASE CAN UPON COMPLETION.
3. MAINTAIN OPERATION OF EXISTING CIRCUITS OF ACTIVE TAXIWAY OR PROVIDE TEMPORARY TW EDGE LIGHTS.

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM	CHECKED BY: M. TATARA
DRAWN BY: J.PORTER	SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

LIGHTING LAYOUT PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-202

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381\E-201-204.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB

LEGEND

1. SEE LEGEND ON E-001

NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.
2. ANY LIGHTS TO REMAIN THAT ARE REMOVED AS PART OF PAVING OR OTHER CONSTRUCTION WORK. REMOVE, STORE, AND COVER THE BASE CAN WITH A BLANK BASE CAN COVER WHERE WORK IS TO OCCUR. REINSTALL LIGHT ON EXISTING BASE CAN UPON COMPLETION.
3. MAINTAIN OPERATION OF EXISTING CIRCUITS OF ACTIVE TAXIWAY OR PROVIDE TEMPORARY TW EDGE LIGHTS.

SHEET KEYNOTES

1. TRENCH FOR OIL WATER SEPARATOR, SEE T-SERIES DRAWINGS FOR MORE INFORMATION.

APRON

TWY C6

TWY C7

TWY C

TWY D

TWY D7

RWY 9R-27L

MATCHLINE - SEE SHEET E-202

MATCHLINE - SEE SHEET E-204

418+00 419+00 420+00 421+00 422+00 423+00 424+00 425+00 426+00 427+00

318+00 319+00 320+00 321+00 322+00 323+00 324+00 325+00 326+00 327+00

2 EQ SPA @ 34.78'
2 EQ SPA @ 34.78'
2 EQ SPA @ 34.79'
2 EQ SPA @ 34.79'
GS-41 GS-42 JCP-005 GS-43 GS-44 GS-45
IP

2 EQ SPA @ 39.48'
6 EQ SPA @ 96.19'
2 EQ SPA @ 39.48'
JCP-006 GS-47 GS-48
2 EQ SPA @ 87.28'
GS-50
60' 60'
PT PT
50' 50'
2 EQ SPA @ 62.88'
GS-55 JCP-011 GS-56 GS-57
IP IP
2 EQ SPA @ 39.49'
2 EQ SPA @ 39.49'

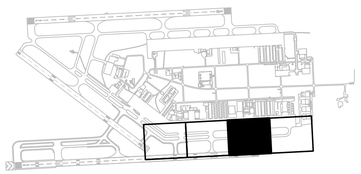
60.00' PT 50' 50' PT 60.00' 60.00' PT 50'
GS-46 GS-49 JCP-007

2 EQ SPA @ 39.33'
2 EQ SPA @ 39.48'
2 EQ SPA @ 39.49'
IP IP
50'
JCP-010

GS-51 GS-54
JCP-008 JCP-009 GS-52
27L 27L
2 EQ SPA @ 39.32'
2 EQ SPA @ 39.49'
2 EQ SPA @ 61.53'
GS-53
3'
43.45'
10'
3 EQ SPA @ 17.34'

40' 0' 40' 80'
GRAPHIC SCALE
(IN FEET)

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

DESIGNED BY:	I. DENHOLM
DRAWN BY:	J.PORTER
CHECKED BY:	M. TATARA
SUBMITTED BY:	R. DOSSANI
ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

LIGHTING LAYOUT PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-203

FILENAME: C:\PWWORKING\EAST01\D312362610365381\E-201-204.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB

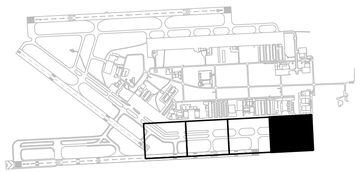
LEGEND

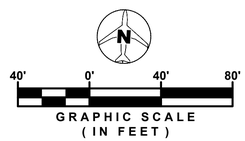
1. SEE LEGEND ON E-001

NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.
2. ANY LIGHTS TO REMAIN THAT ARE REMOVED AS PART OF PAVING OR OTHER CONSTRUCTION WORK. REMOVE, STORE, AND COVER THE BASE CAN WITH A BLANK BASE CAN COVER WHERE WORK IS TO OCCUR. REINSTALL LIGHT ON EXISTING BASE CAN UPON COMPLETION.
3. MAINTAIN OPERATION OF EXISTING CIRCUITS OF ACTIVE TAXIWAY OR PROVIDE TEMPORARY TW EDGE LIGHTS.

KEY MAP





MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

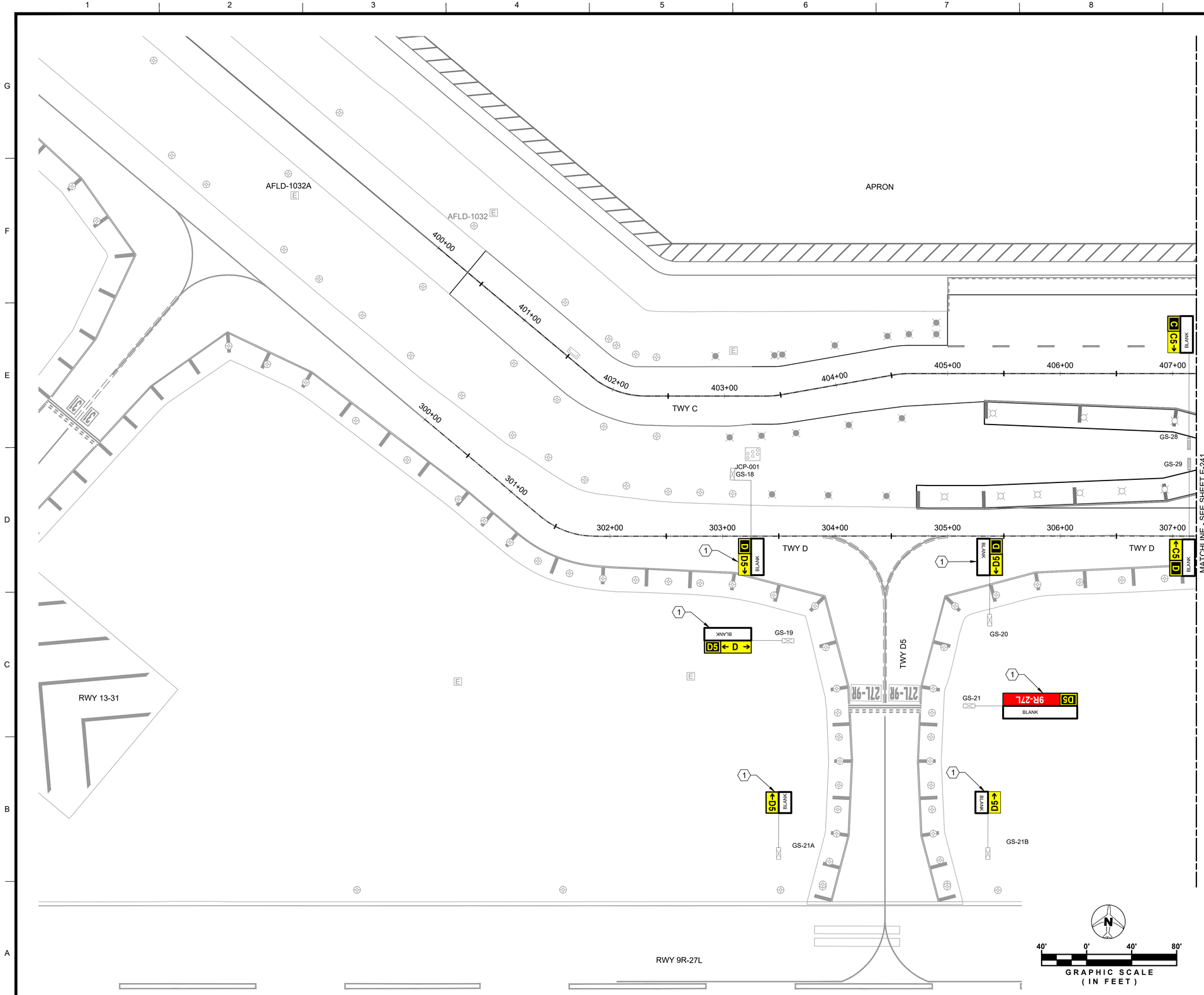
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

LIGHTING LAYOUT PLAN

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-204

FILENAME: C:\PWWORKING\EAST01\D3123626810365381E-201-204.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB



LEGEND

1. SEE LEGEND ON E-001

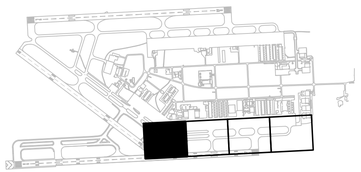
NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.

SHEET KEYNOTES

1. EXISTING SIGN LEGEND SHOWN FOR REFERENCE

KEY MAP



GRAPHIC SCALE
(IN FEET)
40' 0' 40' 80'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

GUIDANCE SIGN PLANS

TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-240

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381E-240-243.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB

LEGEND

1. SEE LEGEND ON E-001

NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.

SHEET KEYNOTES

1 EXISTING SIGN LEGEND SHOWN FOR REFERENCE

APRON

TWY C5

TWY C6

TWY D

TWY D6

TWY D

RWY 9R-27L

MATCHLINE - SEE SHEET E-240

MATCHLINE - SEE SHEET E-242

408+00 409+00 410+00 411+00 412+00 413+00 414+00 415+00 416+00 417+00

308+00 309+00 310+00 311+00 312+00 313+00 314+00 315+00 316+00 317+00

GS-30 GS-31 GS-32 GS-33 GS-34 GS-35 GS-36 GS-37 GS-38 GS-39 GS-40

JCP-002 JCP-003 JCP-004

BLANK

C5 ← D →

C5 ← C →

D C5 →

D C6 →

C6 ← C →

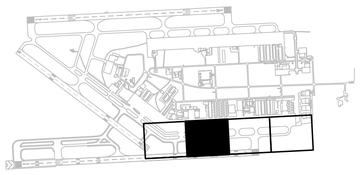
D6 ← D →

27L-9R

9R-27L

GRAPHIC SCALE
(IN FEET)
40' 0' 40' 80'

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

GUIDANCE SIGN PLANS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-241

FILENAME: C:\PWWORKING\EAST01\D3123626\I10365381E-240-243.DWG
PLOT DATE: 2025/03/27 AT 1:22 PM LOCAL TIME
AUTHOR: PORTER, JACOB

LEGEND

1. SEE LEGEND ON E-001

NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.

SHEET KEYNOTES

1 EXISTING SIGN LEGEND SHOWN FOR REFERENCE

APRON

TWY C6

TWY C7

TWY D

TWY D7

RWY 9R-27L

MATCHLINE - SEE SHEET E-241

MATCHLINE - SEE SHEET E-243

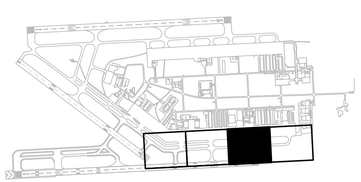
418+00 419+00 420+00 421+00 422+00 423+00 424+00 425+00 426+00 427+00

318+00 319+00 320+00 321+00 322+00 323+00 324+00 325+00 326+00 327+00

GS-41 GS-42 JCP-005 GS-43 GS-44 GS-45 GS-46 JCP-007 GS-47 JCP-006 GS-48 GS-49 GS-50 GS-51 JCP-008 GS-52 JCP-009 GS-53 GS-54 JCP-010 GS-55 JCP-011 GS-56 GS-57

BLANK C6 ← D → BLANK C9 BLANK C7 ← C → BLANK C7 ← D → BLANK C7 BLANK C7 ← C → BLANK C8 ← C → BLANK C3 ← C → BLANK C8 D BLANK D C7 → BLANK D ← C7 BLANK D ← D7 BLANK D7 ← D → BLANK D7 ← D7 BLANK D7 BLANK D C6 → BLANK D ← C7 → BLANK D C7 → BLANK D ← D7 BLANK D7 9R-27L BLANK D7

KEY MAP



N

40' 0' 40' 80'

GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

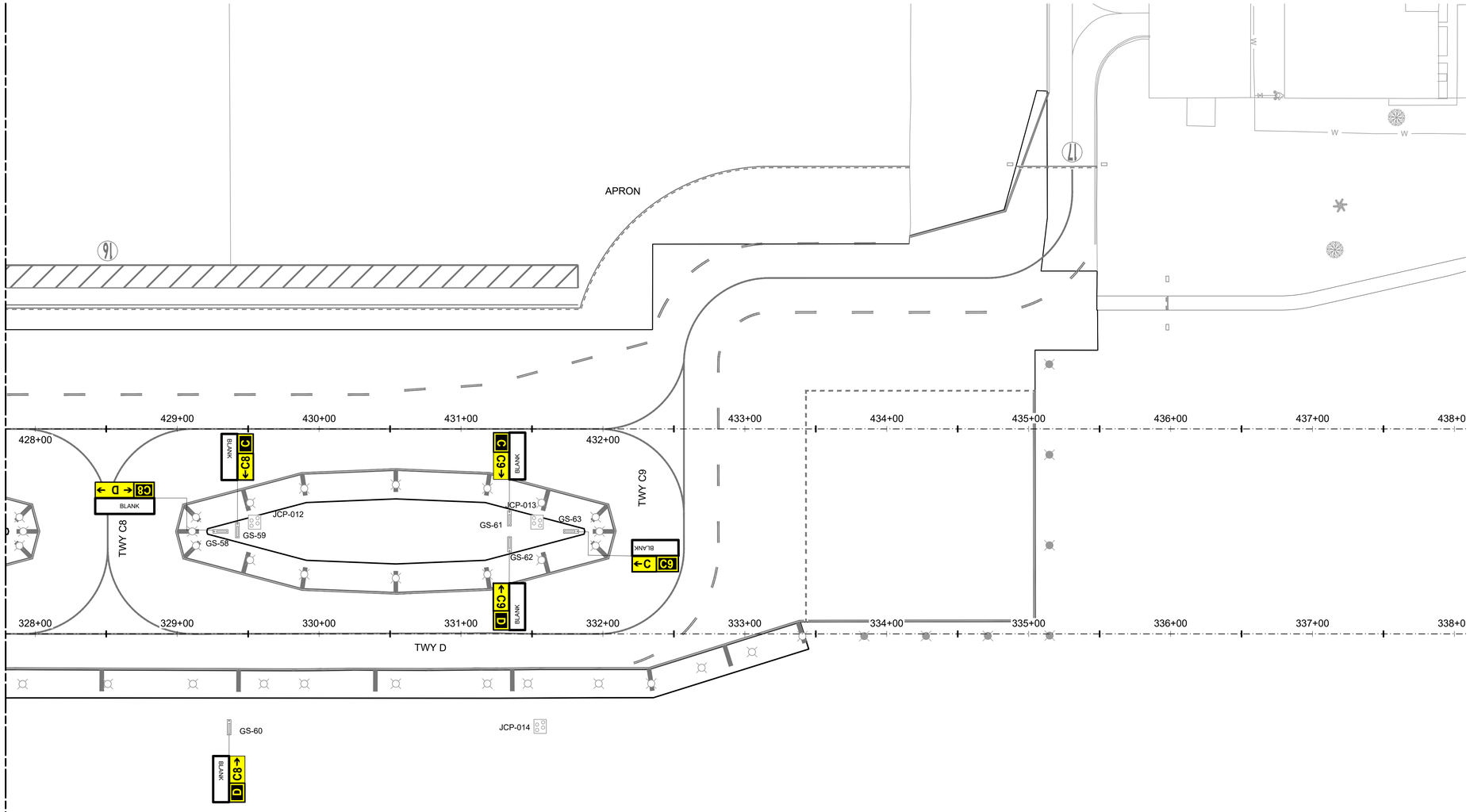
GUIDANCE SIGN PLANS

TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-242

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381\E-240-243.DWG
PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB



LEGEND

1. SEE LEGEND ON E-001

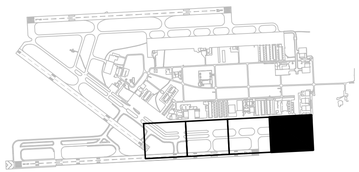
NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001.

SHEET KEYNOTES

(1) EXISTING SIGN LEGEND SHOWN FOR REFERENCE

KEY MAP



GRAPHIC SCALE
(IN FEET)
40' 0' 40' 80'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

DESIGNED BY: I. DENHOLM	ISSUE DATE: 11/22/2024
DRAWN BY: J.PORTER	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: M. TATARA	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX (02504)
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

GUIDANCE SIGN PLANS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-243

FILENAME: C:\PWWORKING\EAST01\D3123620\10365381\E-240-243.DWG
PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB

GUIDANCE SIGN PANEL SCHEDULE

SIGN ID	TEMPORARY SIGN LEGEND		TEMPORARY SIGN COLORS		PROPOSED FINAL SIGN LEGEND		PROPOSED FINAL SIGN COLORS		CIRCUIT	SIGN SIZE	SIGN STYLE	SHEET NUMBER	STATION NUMBER
	FRONT	BACK	FRONT	BACK	FRONT	BACK	FRONT	BACK					
GS 28	C5→	BLANK	B/Y	B	C|C5→	BLANK	Y/B | B/Y	B	TCE2	2	2	E240	407+14.52 R
GS 29					←C5|D	BLANK	B/Y | Y/B	B	TEE1	2	2	E240	307+14.37 L
GS 30	C5	BLANK	Y/B	B	C5|←C→	BLANK	Y/B | B/Y	B	TEE1	2	2	E241	407+66.16 R
GS 31					C5|←D→	BLANK	Y/B | B/Y	B	THE1	2	2	E241	409+14.48 R
GS 32	←C5	BLANK	B/Y	B	←C5|C	BLANK	B/Y | Y/B	B	THE1	2	2	E241	409+31.73 R
GS 33					D|C5→	BLANK	Y/B | B/Y	B	TEE1	3	2	E241	309+25.84 R
GS 34					D|D6→	BLANK	Y/B | B/Y	B	TEE1	2	2	E241	312+1.77 L
GS 35	C6→	BLANK	B/Y	B	C|C6→	BLANK	Y/B | B/Y	B	THE1	2	2	E241	416+15.09 R
GS 36					←C6|D	BLANK	B/Y | Y/B	B	TEE1	2	2	E241	316+15.23 L
GS 37	C6	BLANK	Y/B	B	C6|←C→	BLANK	Y/B | B/Y	B	THE1	2	2	E241	416+63.92 R
GS 38					D6|←D→	BLANK	Y/B | B/Y	B	TEE1	3	2	E241	312+55.84 R
GS 39					←D6|D	BLANK	B/Y | Y/B	B	TEE1	3	2	E241	314+22.71 R
GS 40					D6|9R-27L	====|D6	Y/B | W/R	B/Y | Y/B	9RE1	3	2	E241	314+5.21R
GS 41					C6|←D→	BLANK	Y/B | B/Y	B	THE1	2	2	E242	418+12.25 R
GS 42	←C6	BLANK	B/Y	B	←C6|C	BLANK	B/Y | Y/B	B	THE1	2	2	E242	418+29.50 R
GS 43	C7→	BLANK	B/Y	B	C|C7→	BLANK	Y/B | B/Y	B	THE1	2	2	E242	418+73.93 R
GS 44					←C7|D	BLANK	B/Y | Y/B	B	TEE1	2	2	E242	318+74.07 L
GS 45	C7	BLANK	Y/B	B	C7|←C→	BLANK	Y/B | B/Y	B	TEE1	2	2	E242	419+22.76 R
GS 46					D|C6→	BLANK	Y/B | B/Y	B	TEE1	3	2	E242	318.23.57 R
GS 47					C7|←D→	BLANK	Y/B | B/Y	B	THE1	2	2	E242	420+71.09 R
GS 48	←C7	BLANK	B/Y	B	←C7|C	BLANK	B/Y | Y/B	B	THE1	2	2	E242	420+88.34 R
GS 49					D|C7→	BLANK	Y/B | B/Y	B	TEE1	3	2	E242	320+82.55 R
GS 50					D|D7→	BLANK	Y/B | B/Y	B	TEE1	2	2	E242	323+62.81 L
GS 51					D7|←D→	BLANK	B/Y | Y/B	B	TEE1	3	2	E242	323.51.30 R
GS 52					D7|9R-27L	====|D7	Y/B | W/R	B/Y | Y/B	9RE1	3	2	E242	325+14.74 R
GS 53					←D7	BLANK	B / Y	B	9RE1	3	2	E242	323+62.80 R
GS 54					←D7|D	BLANK	B/Y | Y/B	B	TEE1	3	2	E242	325+33.74 R
GS 55	C8→	BLANK	B/Y	B	C|C8→	BLANK	Y/B | B/Y	B	THE1	2	2	E242	427+28.07 R
GS 56					←C8|D	BLANK	B/Y | Y/B	B	TEE1	2	2	E242	327+28.15 L
GS 57	C8	BLANK	Y/B	B	C8|←C→	BLANK	Y/B | B/Y	B	TEE1	2	2	E242	427+76.88 R
GS 58					C8|←D→	BLANK	Y/B | B/Y	B	THE1	2	2	E243	429+25.20 R
GS 59	←C8	BLANK	B/Y	B	←C8|C	BLANK	B/Y | Y/B	B	THE1	2	2	E243	429+42.46 R
GS 60					D|C8→	BLANK	Y/B | B/Y	B	TEE1	3	2	E243	329+36.57 R
GS 61	C9→	BLANK	B/Y	B	C|C9→	BLANK	Y/B | B/Y	B	THE1	2	2	E243	431+34.06 R
GS 62					←C9|D	BLANK	B/Y | Y/B	B	TEE1	2	2	E243	331+34.20 L
GS 63	C9	BLANK	Y/B	B	←C|C9	BLANK	B/Y | Y/B	B	TEE1	2	2	E243	431+82.89 R

SIGN COLOR LEGEND

Y/B	YELLOW CHARACTER ON BLACK BAGROUND
W/R	WHITE CHARACTER ON RED BACKGROUND
B/Y	BLACK CHARACTER ON YELLOW BACKGROUND
B	BLACK BACKGROUND, NO CHARACTERS

NOTES:
1. FOR GUIDANCE SIGN DETAILS, SEE DETAILS ON DRAWING E-402 AND E-403.
2. COORDINATE AND OBTAIN AIRPORT MANAGER'S APPROVAL PRIOR TO SIGN FABRICATION. TEMPORARY AND PROPOSED PANELS OF THE SIGNS SHALL BE INCLUDED IN THE BID COST OF THE NEW SIGN.
3. CONFIRM CIRCUIT INFORMATION AND DISCONNECT BEFORE PERFORMING WORK ON SIGNS.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: J.PORTER
DRAWN BY: J.PORTER
CHECKED BY: I.DENHOLM
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

SIGN SCHEDULE

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-244

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381\E-244.DWG
PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB

LEGEND

1. SEE LEGEND ON E-001

RELABELING NOTES

1. RELABEL ALL OF EXISTING CIRCUIT IDENTIFIERS TO CORRESPOND WITH THE NEW TAXIWAY DESIGNATIONS AS WELL AS RE-CIRCUITING OF THE CONSTANT CURRENT REGULATORS IN THE VAULT.

NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001

SHEET KEYNOTES

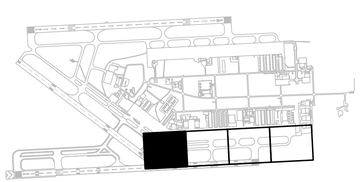
1. HAND EXCAVATE, LOCATE AND INTERCEPT EXISTING CONDUIT. FURNISH AND INSTALL NEW CABLES TO EXISTING BASE CAN WITH MATCHING SPLICE END.
2. RELABEL ALL OF EXISTING CIRCUIT IDENTIFIERS TO CORRESPOND WITH THE NEW TAXIWAY DESIGNATIONS AS WELL AS RE-CIRCUITING OF THE CONSTANT CURRENT REGULATORS IN THE VAULT.

APRON
AFLD-1032A
AFLD-1032
TWY C
TWY D4
TWY D
TWY D5
RWY 13-31
RWY 9R-27L
400+00
401+00
402+00
403+00
404+00
405+00
406+00
407+00
300+00
301+00
302+00
303+00
304+00
305+00
306+00
307+00
2-TCE1, 2-TCE2 1C 1W2"
2-TCE1 1C 1W2"
2-TCE2 1C 1W2"
EC 1C 1W2"
CAP EXISTING CONDUIT
PROPOSED DRAINAGE STRUCTURE
TWC-001
TWC-002
JCP-001
GS-18
GS-19
GS-20
GS-21
GS-21A
GS-21B
GS-28
GS-29
2-TDE1, 1C 1W2"
2-TDE1 1C 1W2"
2-TDE1 1C 1W2" 307+00
2-TDE1 1C 1W2" 1C 1W2"
27L-9R
AFL
E
MATCHLINE - SEE SHEET E-302

TWC-001 #-4"
A - 2-TCE1
B - 2-TCE2
C - 2-TDE1
D - SPARE
E - SPARE
F - SPARE

TWC-002 4-4"
A - 2-TDE1
B - 2-TCE2
C - SPARE
D - SPARE

KEY MAP



GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

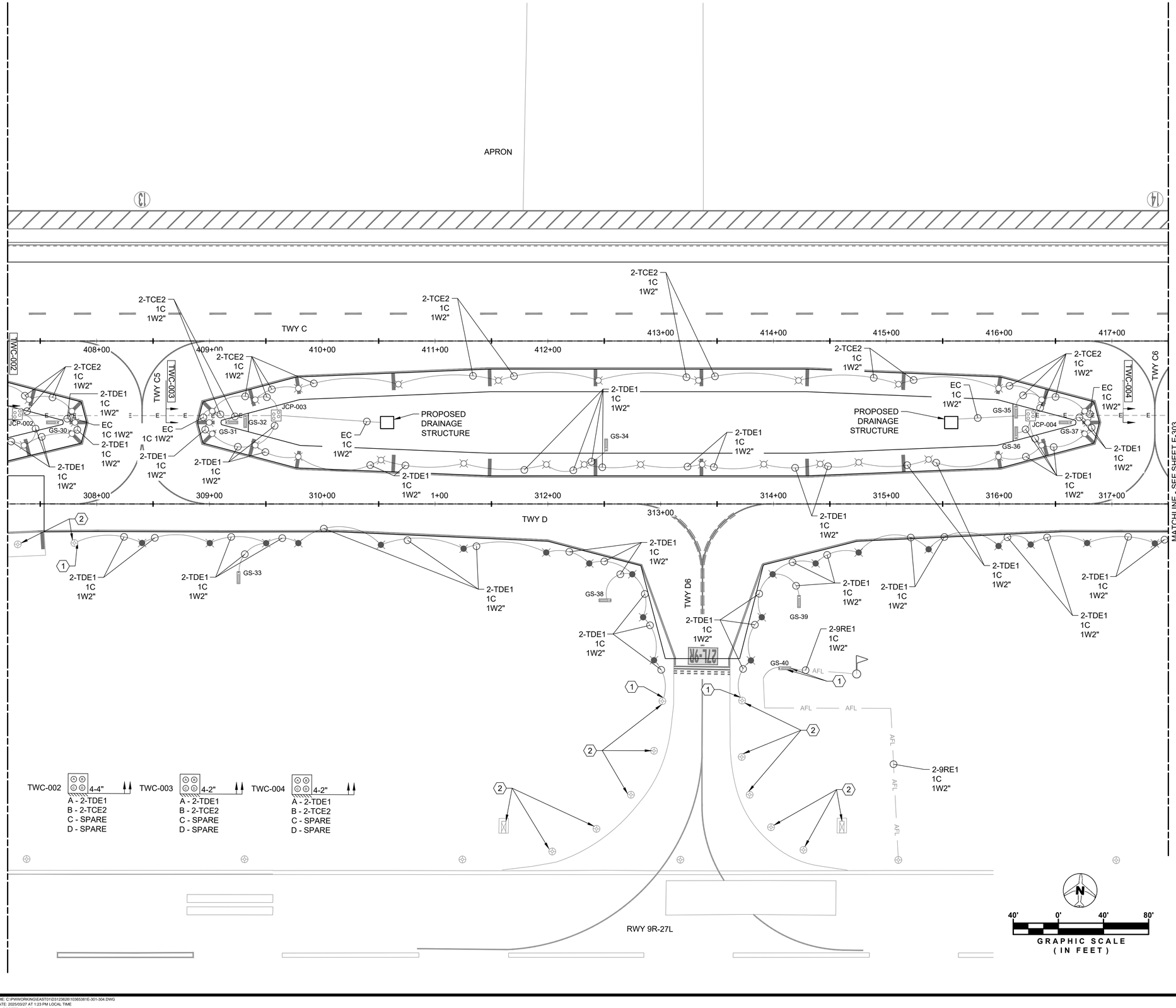
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

LIGHTING CIRCUITRY LAYOUT

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-301

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381\E-301-304.DWG
PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB



LEGEND

1. SEE LEGEND ON E-001

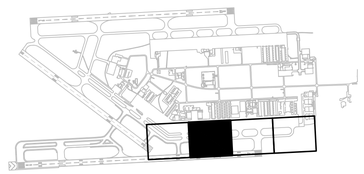
NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001

SHEET KEYNOTES

1. HAND EXCAVATE, LOCATE AND INTERCEPT EXISTING CONDUIT. FURNISH AND INSTALL NEW CABLES TO EXISTING BASE CAN WITH MATCHING SPLICE END.
2. RELABEL ALL OF EXISTING CIRCUIT IDENTIFIERS TO CORRESPOND WITH THE NEW TAXIWAY DESIGNATIONS AS WELL AS RE-CIRCUITING OF THE CONSTANT CURRENT REGULATORS IN THE VAULT.

KEY MAP



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

IAN J. DENHOLM
FL PE NO.: 76229
DATE:

DESIGNED BY: I. DENHOLM	ISSUE DATE: 11/22/2024
DRAWN BY: J.PORTER	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: M. TATARA	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

LIGHTING CIRCUITRY LAYOUT

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-302

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381\E-301-304.DWG
PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB

LEGEND

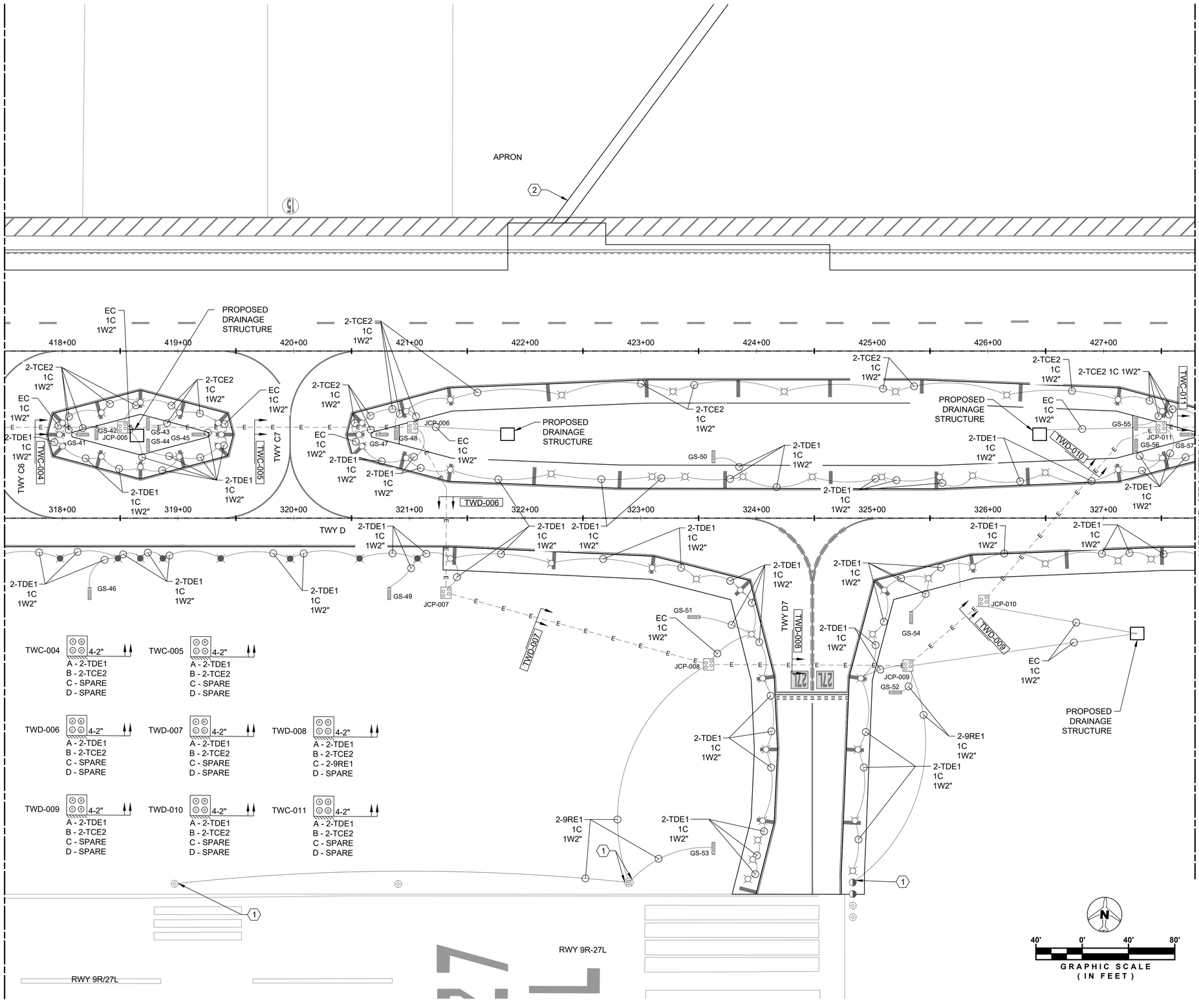
1. SEE LEGEND ON E-001

NOTES

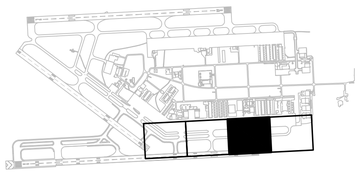
1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001

SHEET KEYNOTES

1. HAND EXCAVATE, LOCATE AND INTERCEPT EXISTING CONDUIT. FURNISH AND INSTALL NEW CABLES TO EXISTING BASE CAN WITH MATCHING SPLICE END.
2. TRENCH FOR OIL WATER SEPARATOR, SEE T-SERIES DRAWINGS FOR MORE INFORMATION.



KEY MAP



GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	I. DENHOLM
DRAWN BY:	J.PORTER
CHECKED BY:	M. TATARA
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

LIGHTING CIRCUITRY LAYOUT

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-303

FILENAME: C:\PW\WORKING\EAST01\D312362681\I03653811E-301-304.DWG
PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB

LEGEND

1. SEE LEGEND ON E-001

RELABELING NOTES

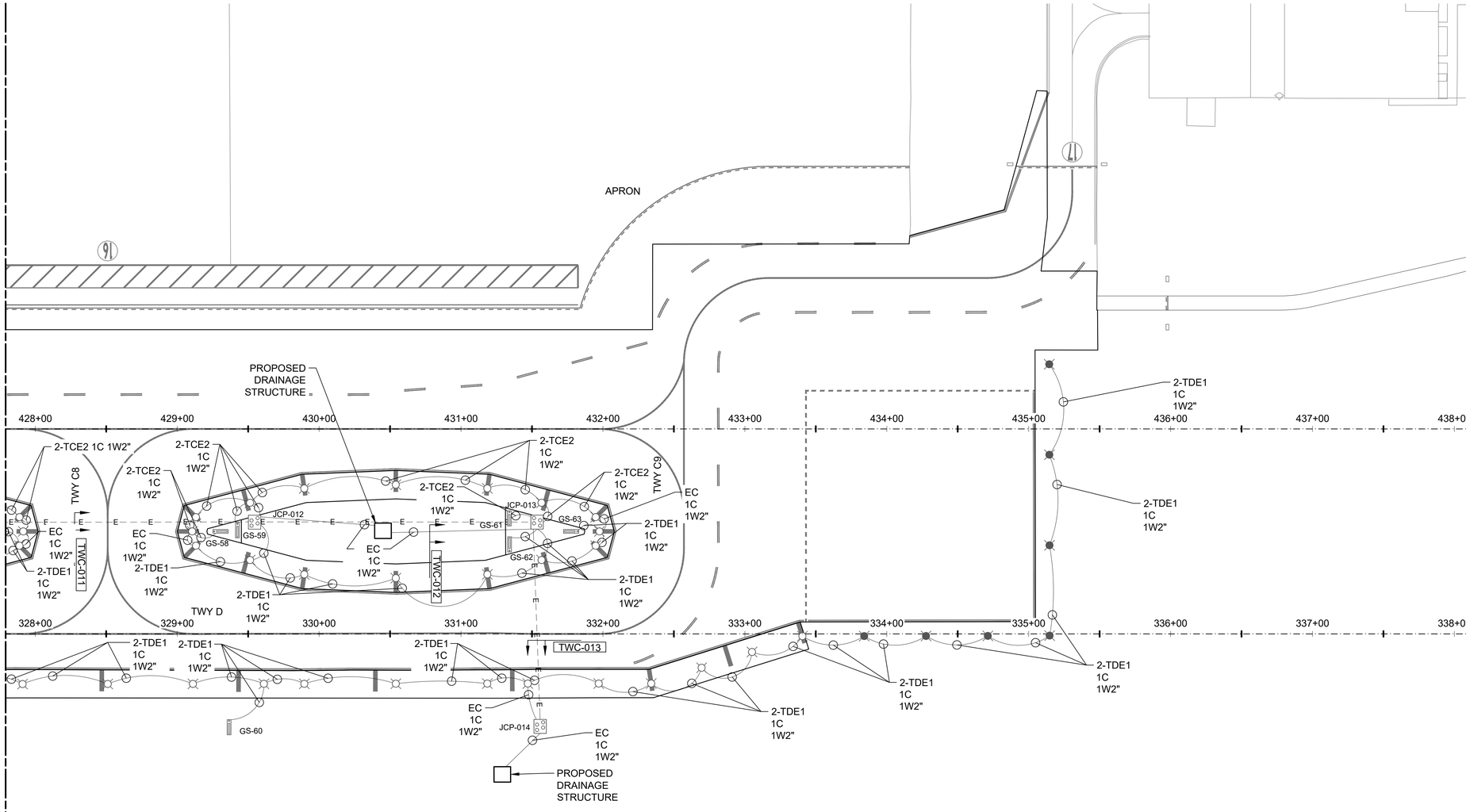
1. RELABEL ALL OF EXISTING CIRCUIT IDENTIFIERS TO CORRESPOND WITH THE NEW TAXIWAY DESIGNATIONS AS WELL AS RE-CIRCUITING OF THE CONSTANT CURRENT REGULATORS IN THE VAULT.

NOTES

1. SEE GENERAL NOTES AND ABBREVIATIONS ON E-001

SHEET KEYNOTES

(1) HAND EXCAVATE, LOCATE AND INTERCEPT EXISTING CONDUIT. FURNISH AND INSTALL NEW CABLES TO EXISTING BASE CAN WITH MATCHING SPLICE END.

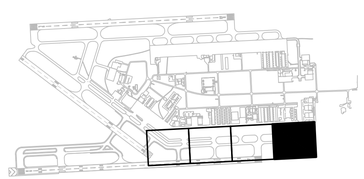


TWC-011 4-2"
A - 2-TDE1
B - 2-TCE2
C - SPARE
D - SPARE

TWC-012 4-2"
A - SPARE
B - SPARE
C - SPARE
D - SPARE

TWC-013 4-2"
A - SPARE
B - SPARE
C - SPARE
D - SPARE

KEY MAP



N

40' 0' 40' 80'

GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
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MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

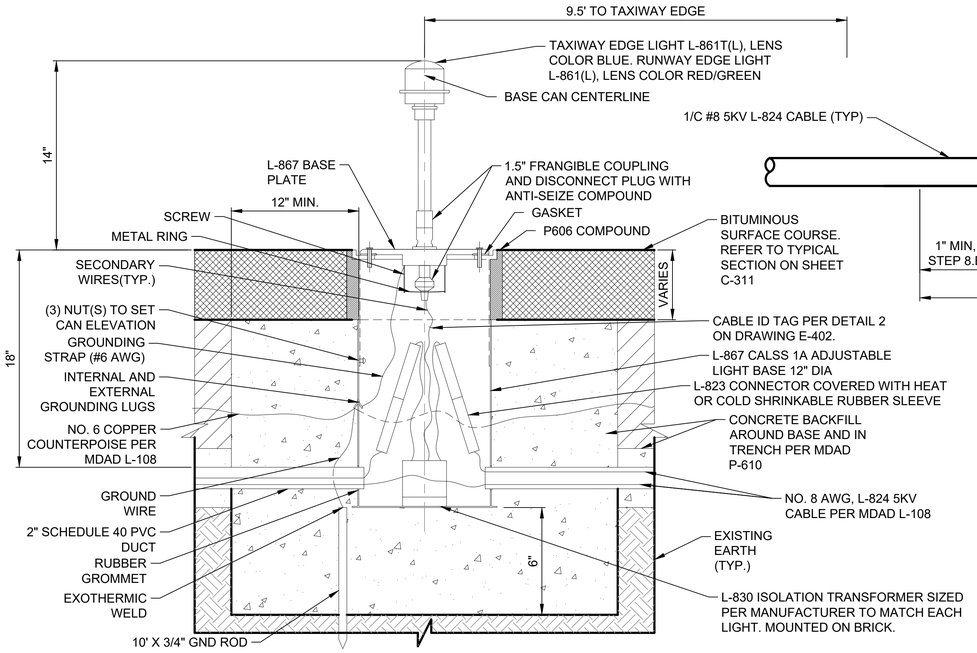
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

LIGHTING CIRCUITRY LAYOUT

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-304

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381\E-301-304.DWG
PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB

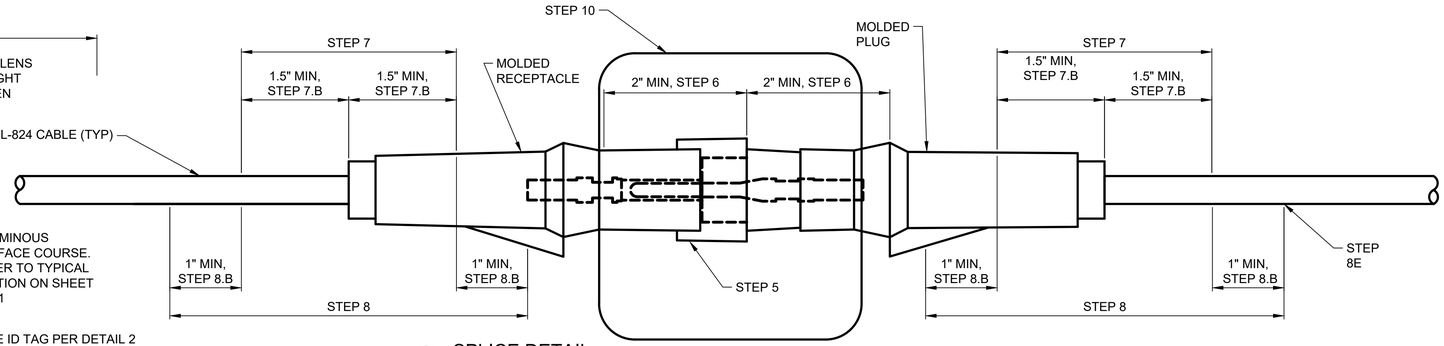


1 TAXIWAY EDGE LIGHT BASE CAN INSTALLATION IN PAVEMENT DETAIL

N.T.S.

NOTES:

1. REFER TO CIVIL DRAWINGS C301 - C310 FOR AIRFIELD GEOMETRY AND MARKING PLANS WITH RESPECT TO RUNWAY OR TAXIWAY LIGHT FIXTURE LOCATIONS.

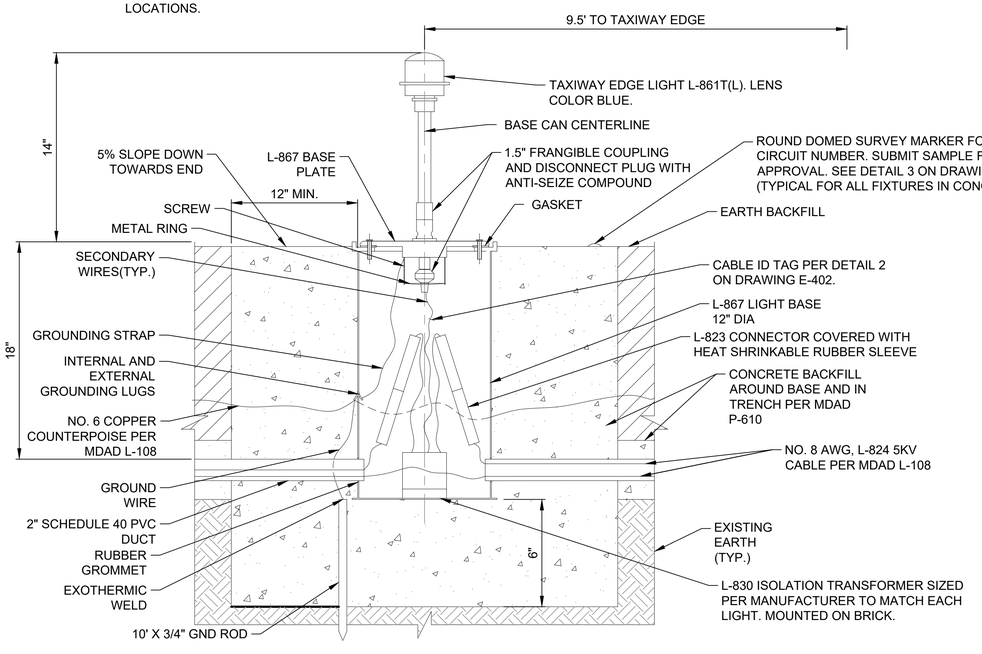


2 SPLICE DETAIL

N.T.S.

STEPS: (NOTE : SLIDE HEAT OR COLD SHRINK OVER THE CABLES BEFORE THE SPLICE IS CONNECTED.)

1. ALL ELECTRICAL STAFF MUST BE TRAINED AND CERTIFIED BY THE CONNECTOR KIT MANUFACTURER TO POSSESS THE PROPER SPLICING ABILITIES. CERTIFICATION DOCUMENTATION MUST BE PROVIDED TO THE RPR AND MAINTENANCE DEPARTMENTS.
2. ALL SPLICERS MUST HAVE AT LEAST FIVE YEARS OF HIGH VOLTAGE SPLICING EXPERIENCE AND HAVE BEEN TRAINED BY THE KIT MANUFACTURER.
3. CONNECTORS SHALL BE PLUG AND RECEPTACLE TYPE IN ACCORDANCE WITH MDAD SPECIFICATIONS, AND SHALL BE APPLIED IN ACCORDANCE WITH SERIES LIGHTING CABLE MANUFACTURER INSTRUCTIONS.
4. CLEAN SPLICE SURFACE THEN PULL OVER INTERFACE SLEEVE.
5. APPLY SCOTCH "SUPER 88" TAPE (OAE) AND EXTEND IT BY A MINIMUM OF 2" IN EACH DIRECTION CENTERED AT THE SPLICE.
6. TAPE EACH END OF THE CONNECTOR USING SCOTCH "130C" TAPE (OAE).
   - 6.A. APPLY TAPE WITH TACKY SIDE UP.
   - 6.B. EXTEND THE TAPE BY A MINIMUM OF $1\frac{1}{2}$ " OR TWICE THE WIDTH OF THE TAPE, WHICHEVER IS GREATER, IN BOTH DIRECTIONS FROM THE CABLE ENTRY POINT INTO THE SPLICE KIT.
   - 6.C. STRETCH TAPE AND APPLY HALF LAPPED TO FORM SMOOTH, VOID FREE SPLICE. WRAP TIGHTLY IN CRITICAL AREAS.
7. TAPE OVER THE INSULATING RUBBER TAPE AT EACH END USING SCOTCH "SUPER 88" TAPE (OAE).
   - 7.A. STRETCH TAPE FOR TIGHT FIT.
   - 7.B. EXTEND THE TAPE BY A MINIMUM OF 1" OR TWICE THE WIDTH OF THE TAPE, WHICHEVER IS GREATER, IN BOTH DIRECTIONS PAST THE SCOTCH "130C" TAPE (OAE).
   - 7.C. PROGRESSIVELY OVERLAP HALF OF THE TAPE WIDTH.
   - 7.D. WRAP FINAL WRAP WITHOUT TENSION.
   - 7.E. AT THE END OF TAPING, EXTEND TAPE 2 EXTRA WRAPS AND FOLD OVER 1/2" OF TAPE TO AID IN FUTURE REMOVAL.
8. REPEAT STEPS 8 AND 9 FOR THE OTHER SIDE OF THE CONNECTOR.
9. PLACE 5" HEAT OR COLD SHRINK OVER THE CENTER OF THE SPLICE AND HEAT PER MANUFACTURER RECOMMENDATIONS.

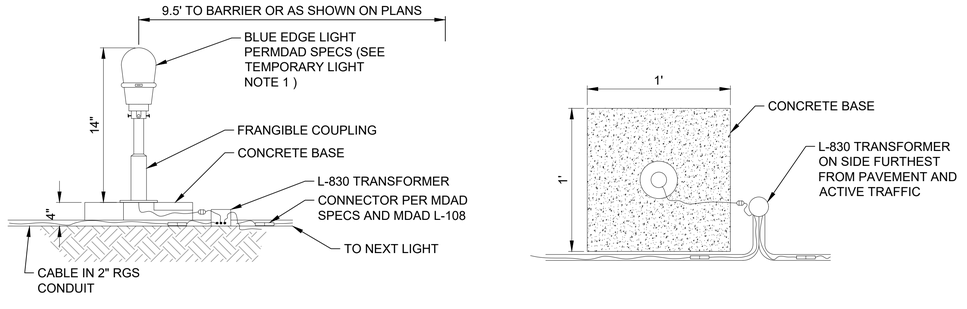


3 TAXIWAY EDGE LIGHT BASE CAN INSTALLATION IN EARTH DETAIL

N.T.S.

NOTES:

1. REFER TO CIVIL DRAWINGS C301 - C310 FOR AIRFIELD GEOMETRY AND MARKING PLANS WITH RESPECT TO RUNWAY OR TAXIWAY LIGHT FIXTURE LOCATIONS.



4 TEMPORARY TAXIWAY EDGE LIGHT

N.T.S.

TEMPORARY LIGHT NOTES:

1. SOLAR POWERED EDGE LIGHT MAY BE USED AS AN ALTERNATIVE. SOLAR POWERED LIGHT MUST OPERATE IN CONJUNCTION WITH ALCMS COMMANDS. AIRFIELD CIRCUITS OF EXISTING ACTIVE TAXIWAYS MUST BE MAINTAINED AND OPERATIONAL.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

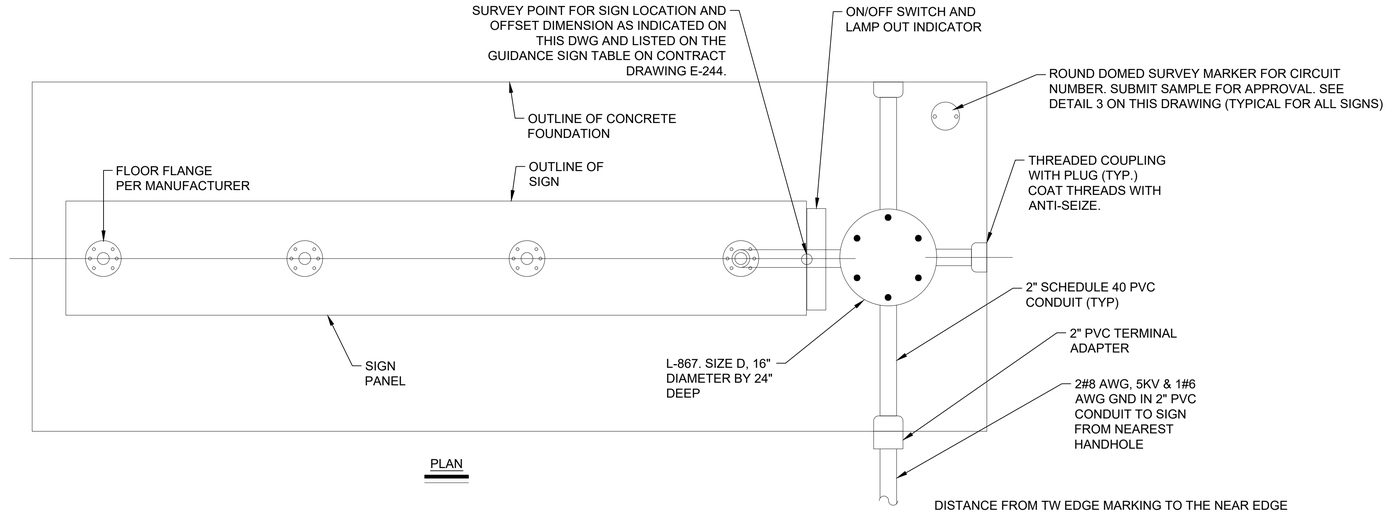
ELECTRICAL DETAILS - 1

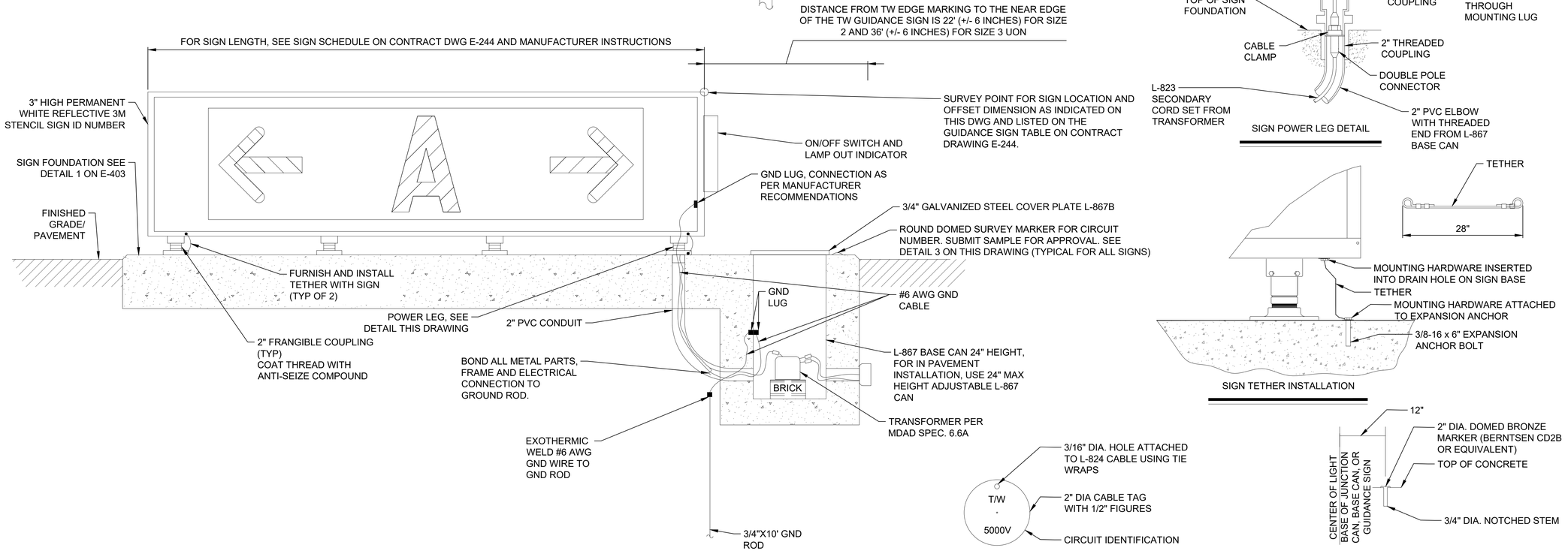
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

E-401

FILENAME: C:\PWWORKING\EAST01\D3123626\I0365381\E-401-405.DWG
PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB

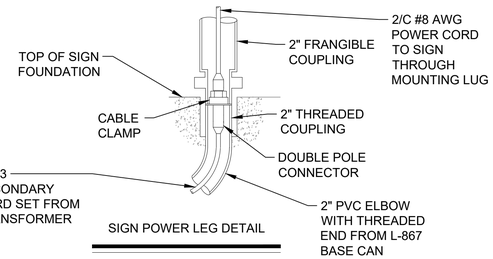




1 GUIDANCE SIGN INSTALLATION DETAIL
N.T.S.

NOTES:

1. FOR ABBREVIATIONS AND ELECTRICAL GENERAL NOTES REFER TO CONTRACT DWG E-001.
2. FOR SIGN FOUNDATION DETAILS, REFER TO CONTRACT DRAWINGS E-403.
3. SUBMIT SHOP DRAWINGS FOR EACH SIGN SHOWING THE ARRANGEMENT OF THE ASSEMBLED FOUNDATION, THE LOCATION OF EACH SIGN ON THE FOUNDATION, THE LOCATION OF THE POWER CONDUIT IN THE ASSEMBLED FOUNDATION, AND THE LOCATION OF THE POWER LEG.
4. ALL SIGNS SHALL BE FURNISHED WITH TETHERS ON BOTH OUTSIDE LEGS. TETHERS SHALL BE 3/16" STAINLESS STEEL AIRCRAFT CABLE WITH A FORMED EYE ON BOTH ENDS. THE TETHER EYE SHALL BE ATTACHED SECURELY TO THE SIGN AND BASE. THE TETHER SHALL BE OF SUFFICIENT LENGTH TO ALLOW THE FRANGIBLE COUPLING TO OPERATE WITHOUT RESTRICTION AND TO ALLOW THE POWER TO DISCONNECT IF THE SIGN FALLS OVER.
5. REFER TO CIVIL DRAWINGS C301 - C310 FOR AIRFIELD GEOMETRY AND MARKING PLANS WITH RESPECT TO RUNWAY OR TAXIWAY GUIDANCE SIGN LOCATIONS.



SIGN POWER LEG DETAIL

SIGN TETHER INSTALLATION

2 STAINLESS STEEL CABLE ID TAG DETAIL
N.T.S.

3 IDENTIFICATION MARKER
N.T.S.

MARK	DESCRIPTION	DATE
-	-	-

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MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

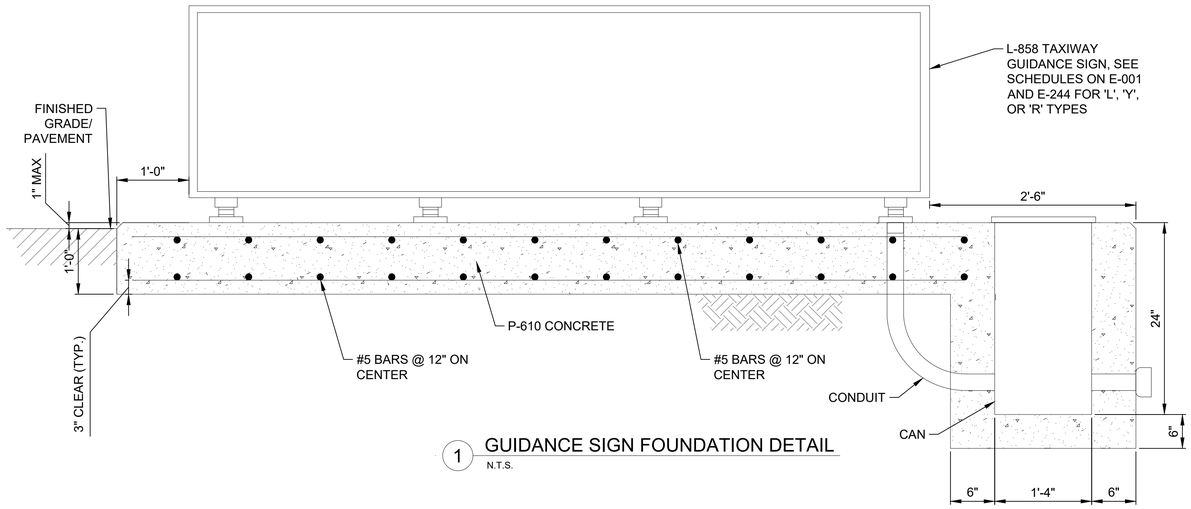
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

ELECTRICAL DETAILS - 2

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-402

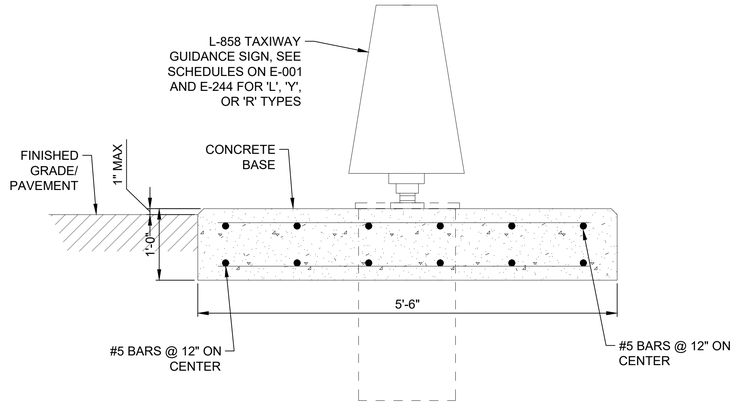
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PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB



1 GUIDANCE SIGN FOUNDATION DETAIL
N.T.S.

NOTES:

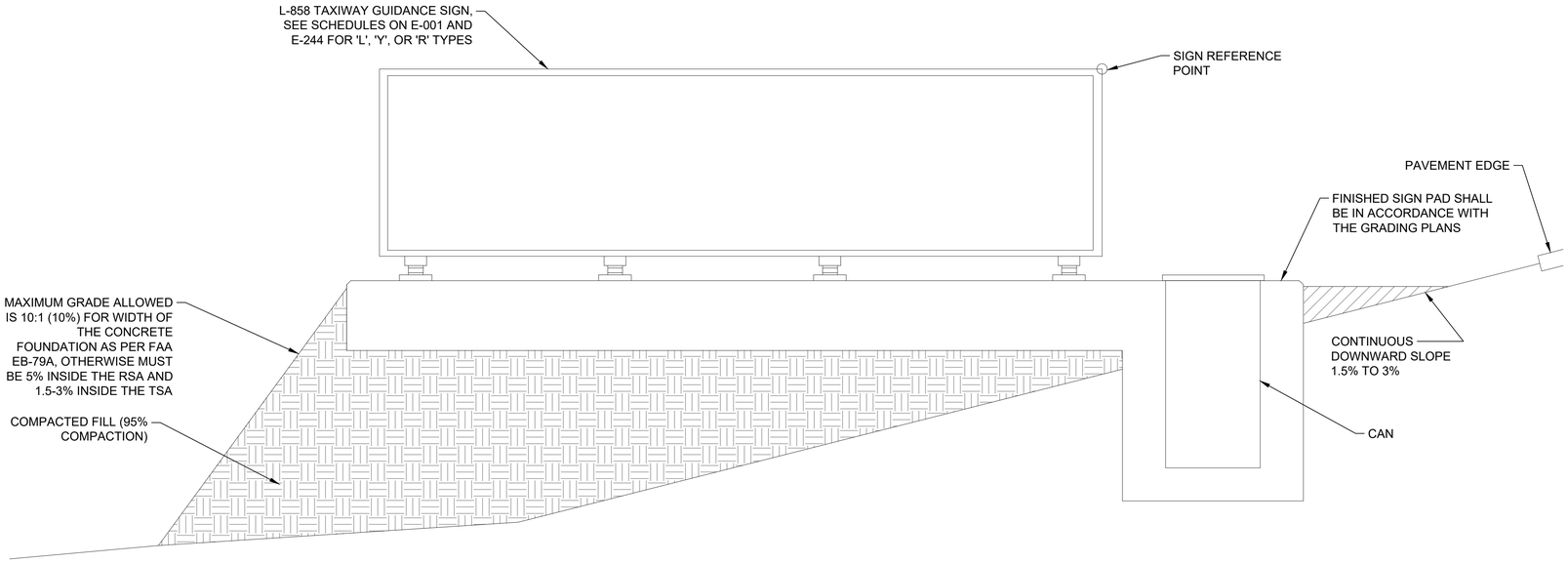
1. FOR ABBREVIATIONS AND ELECTRICAL GENERAL NOTES REFER TO CONTRACT DWG E001.



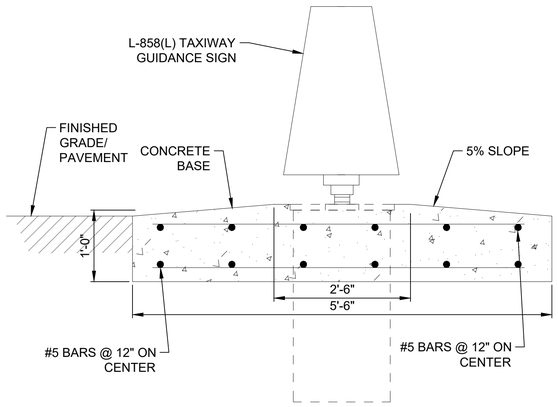
SIDE VIEW

FOUNDATION NOTES:

1. CONCRETE SHALL CONFORM WITH MDAD P-610
2. ALL CORNERS & EDGES OF CONCRETE SHALL BE CHAMFERED 1" X 1".



2 GRADING AND FILL DETAIL
N.T.S.



3 GUIDANCE SIGN FOUNDATION IN ISLAND DETAIL
N.T.S.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
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PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
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SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

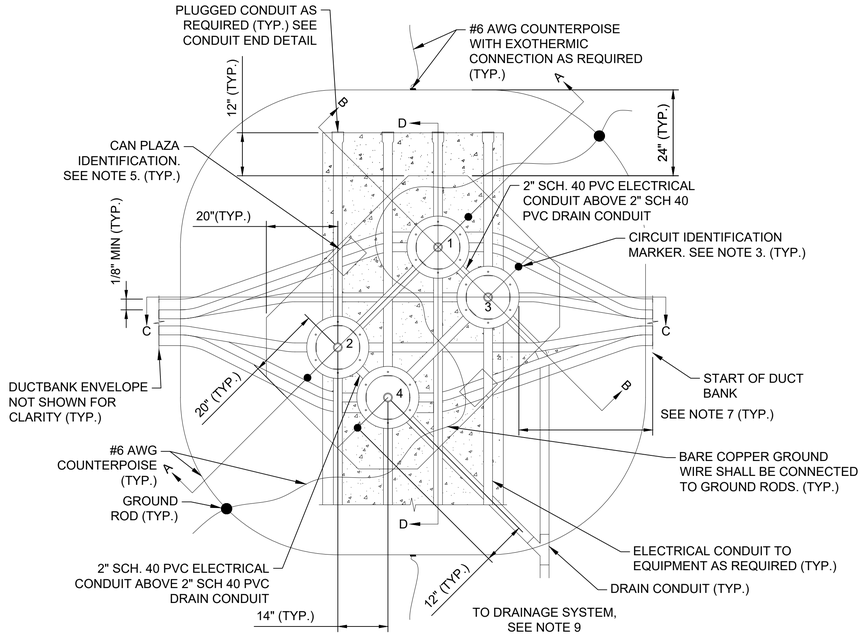
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

ELECTRICAL DETAILS - 3

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-403

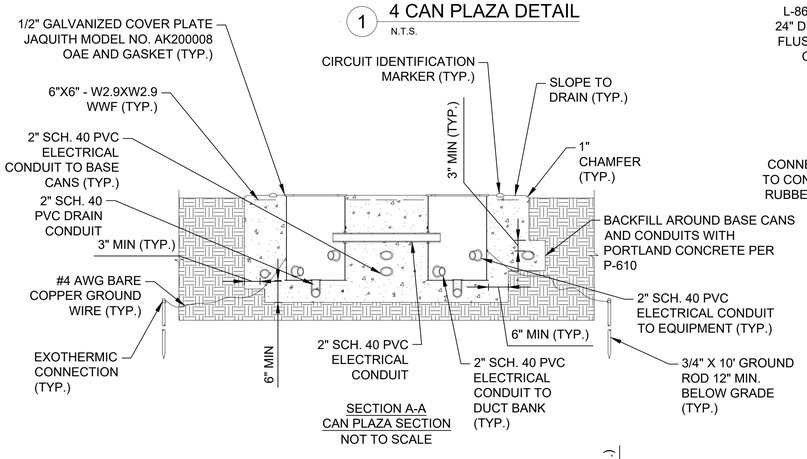
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PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB



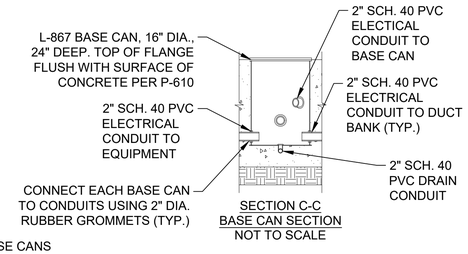
1 4 CAN PLAZA DETAIL
N.T.S.

NOTES:

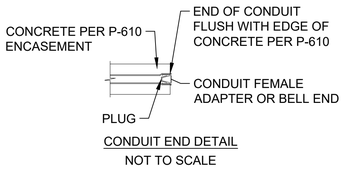
1. FOR ABBREVIATIONS AND ELECTRICAL GENERAL NOTES REFER TO CONTRACT DWG E-001.
2. CONDUITS EXITING THE CAN PLAZA THAT ARE NOT USED IN THE PROJECT SHALL BE PLUGGED IN A STRAIGHT LINE 12" OUTSIDE OF THE FURTHEST OUTSIDE EDGE OF CAN PLAZA SURFACE CONCRETE.
3. CONTRACTOR SHALL PROVIDE A 2" DIA. DOMED BRONZE CIRCUIT IDENTIFICATION MARKER AT EACH BASE CAN AS SHOWN. MARKER SHALL BE STAMPED WITH CIRCUIT IDENTIFICATION.
4. GROUND RODS AND COUNTERPOISE LOOP SHALL BE INSTALLED AT ALL CAN PLAZAS AS SHOWN. TWO GROUND RODS PER PLAZA SHALL BE LOCATED AT OPPOSITE CORNERS.
5. CONTRACTOR SHALL LABEL TWO ENDS OF EACH CAN PLAZA BY IMPRESSING THE CAN PLAZA IDENTIFICATION INTO THE CONCRETE FOUNDATION DURING PLACEMENT. LETTERS AND NUMBERS SHALL BE 4" IN HEIGHT, PROPORTIONAL IN WIDTH, AND HAVE A STROKE WIDTH OF 1/2" AND DEPTH OF 1/4". CAN PLAZA IDENTIFICATIONS SHALL BE A FOUR LETTER WORD WITH A DASH AND NUMBER IDENTIFIER AT THE END, SUCH AS THIS "JCP-XXX", WITH THE X DESIGNATING AS PER THE REPLACED MANHOLE.
6. ALL CONDUITS SHALL HAVE A MINIMUM BENDING RADIUS OF 18". NO SINGLE CONDUIT BEND SHALL BE LARGER THAN 45 DEGREES.
7. CONTRACTOR SHALL DETERMINE DISTANCE FROM END OF DUCT BANK TO THE CLOSEST EDGE OF THE NEAREST BASE CAN OF THE CAN PLAZA REQUIRED TO MAINTAIN ALL CLEARANCE DIMENSIONS.
8. DURING CONDUIT TRANSITION FROM BASE CAN TO DUCT BANK, ALL CONDUITS SHALL HAVE MIN. 3" OF CONCRETE ABOVE AND BELOW. THE OUTERMOST CONDUITS SHALL HAVE A MIN. 3" OF CONCRETE ON OUTSIDE EDGE OF CONDUIT. THERE SHALL BE A MINIMUM OF 1" SEPARATION BETWEEN CONDUITS. FILL ALL SPACES BETWEEN CONDUITS ENTIRELY WITH CONCRETE.
9. SLOPE FOR DRAIN CONDUITS SHALL BE 1/8" PER FT. MIN. TOWARD DRAIN STRUCTURES. ALL STRUCTURES SHALL DRAIN TO THE NEAREST DRAINAGE STRUCTURE.
10. FURNISH AND INSTALL 3/4"X10' GROUND ROD IN CAN PLAZA CAN #1 AND CAN #4. A GREEN INSULATED GROUND WIRE SHALL BE CONNECTED TO INTERNAL GROUNDING LUG ON BASE CAN TO GROUND ROD AND ROUTE TO EACH BASE CAN GROUNDING LUG IN THE CAN PLAZA. GROUND RODS NOT SHOWN ON PLANS FOR CLARITY.
11. LEAVE A MINIMUM OF 3' OF SLACK IN EACH BASE CAN FOR EACH END OF CABLE (MIN. OF 6' TOTAL PER CABLE).
12. MAXIMUM DISTANCE BETWEEN CAN PLAZAS SHALL BE 450', UNLESS LIMITS OF CAN PLAZA LOCATIONS DOES NOT ALLOW FOR THIS MAXIMUM. IN THESE CASES, DISTANCE BETWEEN CAN PLAZA'S SHALL BE KEPT TO THE SHORTEST LENGTH POSSIBLE.
13. JUNCTION CAN PLAZAS SHALL BE INSTALLED OUTSIDE OF THE TSA AND OR RSA WHERE POSSIBLE.



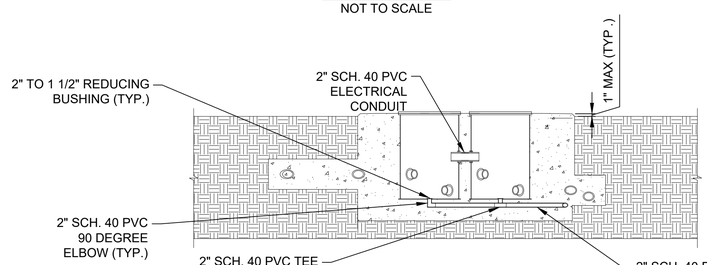
SECTION A-A
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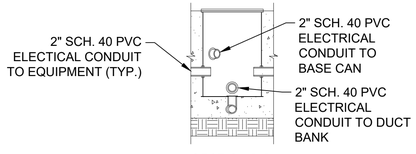
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BASE CAN SECTION
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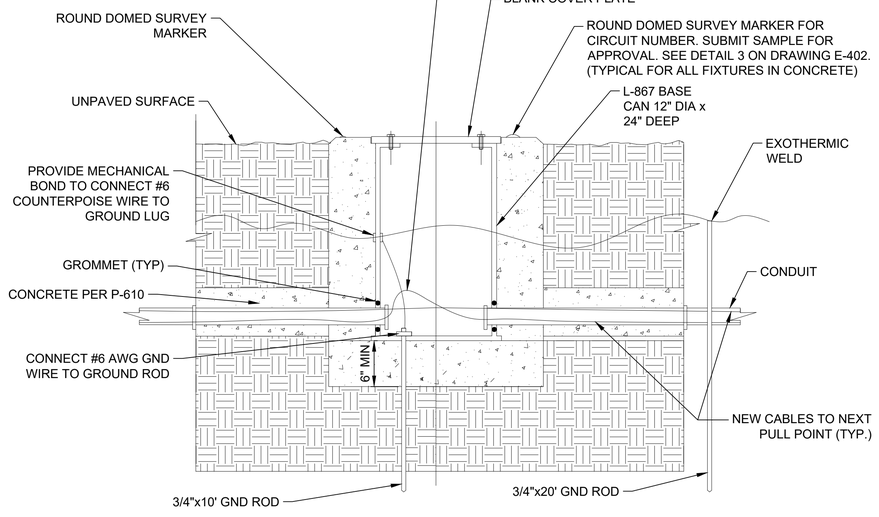
CONDUIT END DETAIL
NOT TO SCALE



SECTION B-B
CAN PLAZA SECTION
NOT TO SCALE



SECTION D-D
BASE CAN SECTION
NOT TO SCALE



2 NEW BASE CAN DETAIL
N.T.S.

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET E 230
DORAL, FL 33166
(305) 728-7452

MARK	DESCRIPTION	DATE
-	-	-

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI
ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

ELECTRICAL DETAILS - 4

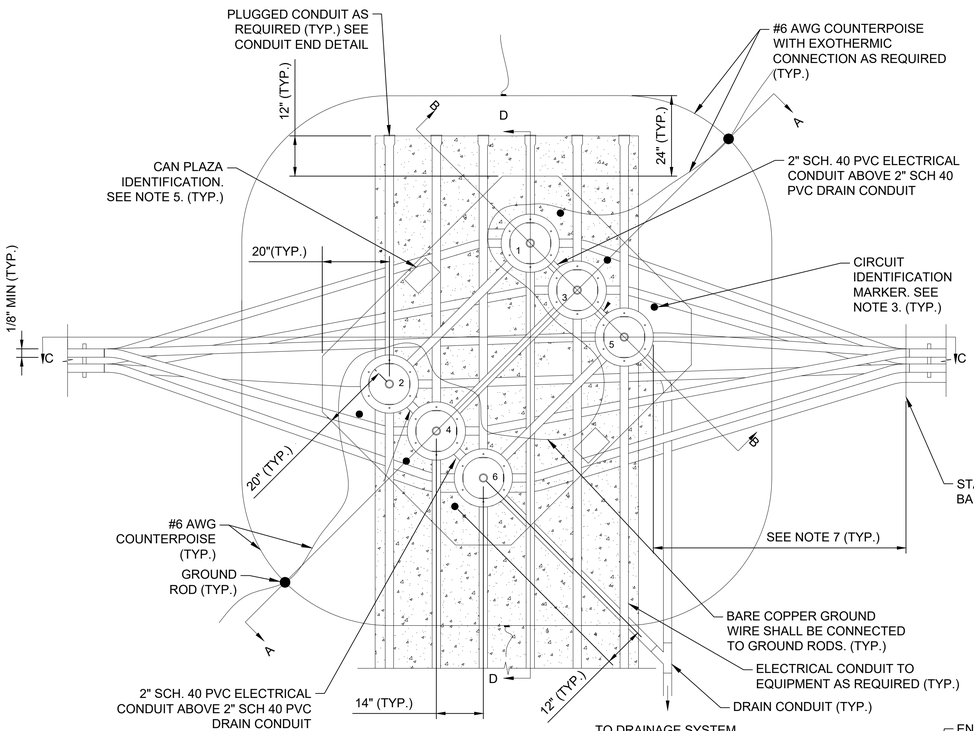
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-404

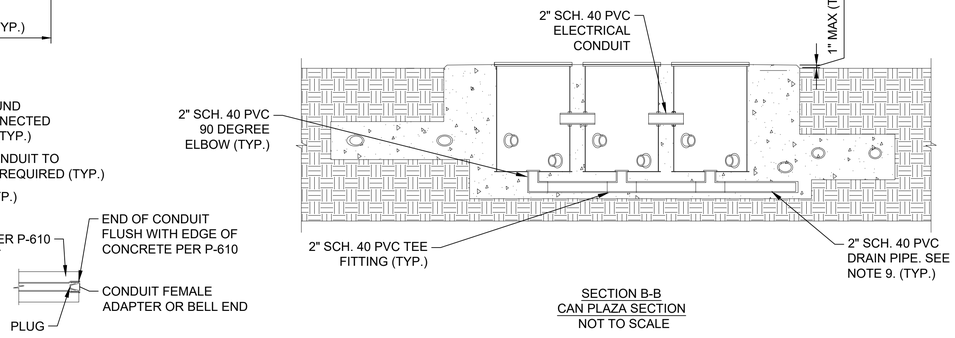
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PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB

NOTES:

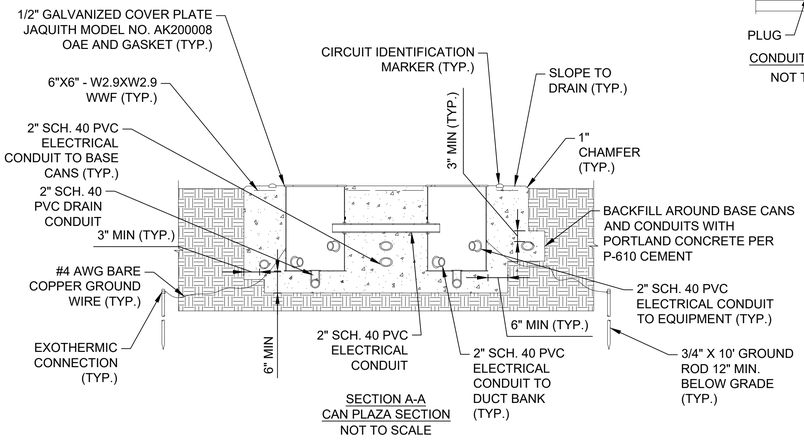
1. FOR ABBREVIATIONS AND ELECTRICAL GENERAL NOTES REFER TO CONTRACT DWG E-001.
2. CONDUITS EXITING THE CAN PLAZA THAT ARE NOT USED IN THE PROJECT SHALL BE PLUGGED IN A STRAIGHT LINE 12" OUTSIDE OF THE FURTHEST OUTSIDE EDGE OF CAN PLAZA SURFACE CONCRETE.
3. CONTRACTOR SHALL PROVIDE A 2" DIA. DOMED BRONZE CIRCUIT IDENTIFICATION MARKER AT EACH BASE CAN AS SHOWN. MARKER SHALL BE STAMPED WITH CIRCUIT IDENTIFICATION.
4. GROUND RODS AND COUNTERPOISE LOOP SHALL BE INSTALLED AT ALL CAN PLAZAS AS SHOWN. TWO GROUND RODS PER PLAZA SHALL BE LOCATED AT OPPOSITE CORNERS.
5. CONTRACTOR SHALL LABEL TWO ENDS OF EACH CAN PLAZA BY IMPRESSING THE CAN PLAZA IDENTIFICATION INTO THE CONCRETE FOUNDATION DURING PLACEMENT. LETTERS AND NUMBERS SHALL BE 4" IN HEIGHT, PROPORTIONAL IN WIDTH, AND HAVE A STROKE WIDTH OF 1/2" AND DEPTH OF 1/4". CAN PLAZA IDENTIFICATIONS SHALL BE A FOUR LETTER WORD WITH A DASH AND NUMBER IDENTIFIER AT THE END, SUCH AS THIS "JCP-XXX", WITH THE X DESIGNATING AS PER THE REPLACED MANHOLE.
6. ALL CONDUITS SHALL HAVE A MINIMUM BENDING RADIUS OF 18". NO SINGLE CONDUIT BEND SHALL BE LARGER THAN 45 DEGREES.
7. CONTRACTOR SHALL DETERMINE DISTANCE FROM END OF DUCT BANK TO THE CLOSEST EDGE OF THE NEAREST BASE CAN OF THE CAN PLAZA REQUIRED TO MAINTAIN ALL CLEARANCE DIMENSIONS.
8. DURING CONDUIT TRANSITION FROM BASE CAN TO DUCT BANK, ALL CONDUITS SHALL HAVE MIN. 3" OF CONCRETE ABOVE AND BELOW. THE OUTERMOST CONDUITS SHALL HAVE A MIN. 3" OF CONCRETE ON OUTSIDE EDGE OF CONDUIT. THERE SHALL BE A MINIMUM OF 1" SEPARATION BETWEEN CONDUITS. FILL ALL SPACES BETWEEN CONDUITS ENTIRELY WITH CONCRETE.
9. SLOPE FOR DRAIN CONDUITS SHALL BE 1/8" PER FT. MIN. TOWARD DRAIN STRUCTURES. ALL STRUCTURES SHALL DRAIN TO THE NEAREST DRAINAGE STRUCTURE.
10. FURNISH AND INSTALL 3/4"X10' GROUND ROD IN CAN PLAZA CAN #1 AND CAN #6. A GREEN INSULATED GROUND WIRE SHALL BE CONNECTED TO INTERNAL GROUNDING LUG ON BASE CAN TO GROUND ROD AND ROUTE TO EACH BASE CAN GROUNDING LUG IN THE CAN PLAZA. GROUND RODS NOT SHOWN ON PLANS FOR CLARITY.
11. LEAVE A MINIMUM OF 3' OF SLACK IN EACH BASE CAN FOR EACH END OF CABLE (MIN. OF 6' TOTAL PER CABLE).
12. FOR BASE CAN GROUNDING, SEE DETAIL 2 ON SHEET E-404.
13. MAXIMUM DISTANCE BETWEEN CAN PLAZAS SHALL BE 450', UNLESS LIMITS OF CAN PLAZA LOCATIONS DOES NOT ALLOW FOR THIS MAXIMUM. IN THESE CASES, DISTANCE BETWEEN CAN PLAZA'S SHALL BE KEPT TO THE SHORTEST LENGTH POSSIBLE.
14. JUNCTION CAN PLAZAS SHALL BE INSTALLED OUTSIDE OF THE TSA AND OR RSA WHERE POSSIBLE.



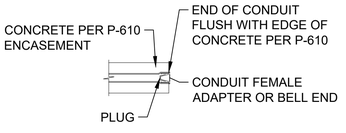
1 6 CAN PLAZA DETAIL
N.T.S.



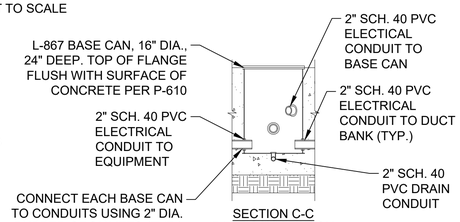
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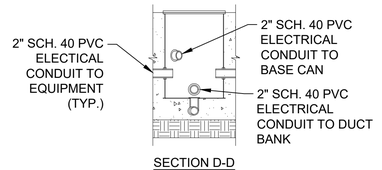
SECTION A-A
CAN PLAZA SECTION
NOT TO SCALE



CONDUIT END DETAIL
NOT TO SCALE



SECTION C-C
BASE CAN SECTION
NOT TO SCALE



SECTION D-D
BASE CAN SECTION
NOT TO SCALE

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

DESIGNED BY:	I. DENHOLM
DRAWN BY:	J.PORTER
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SUBMITTED BY:	R. DOSSANI
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PROJECT PHASE:	BID DOCUMENTS

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P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

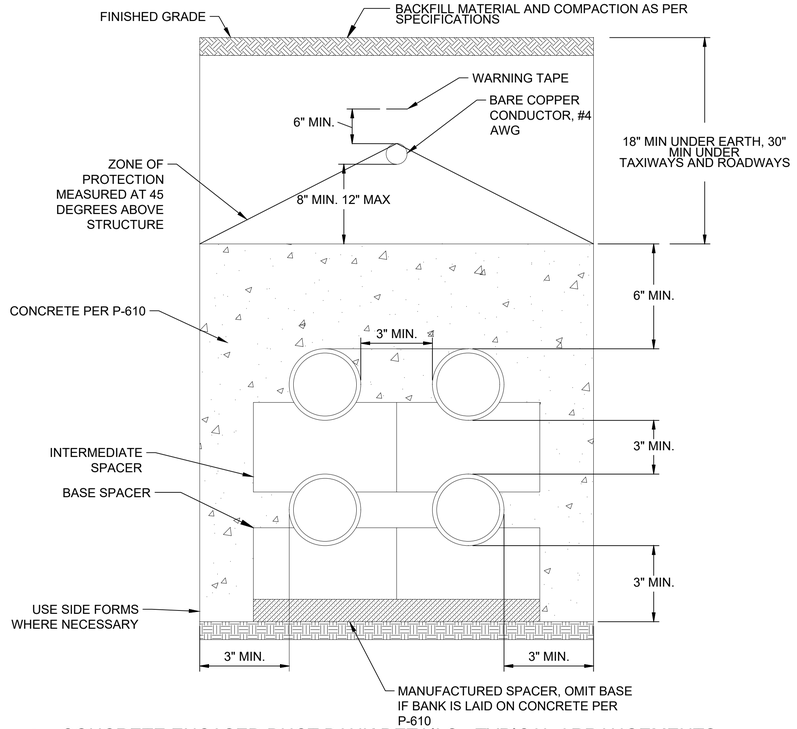
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 200
DORAL, FL 33166
(305) 728-7452

ELECTRICAL DETAILS - 5

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-405

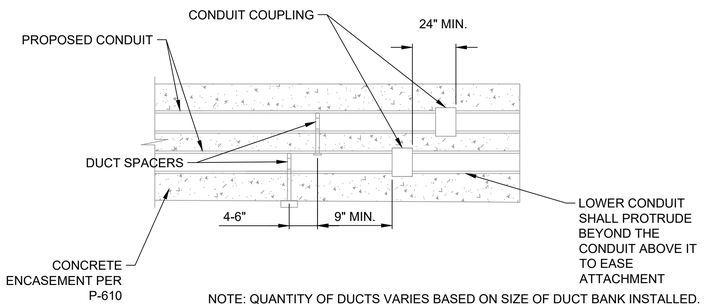
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PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB



1 CONCRETE ENCASED DUCT BANK DETAILS - TYPICAL ARRANGEMENTS
N.T.S.

NOTES:

1. PROVIDE 12" MIN. CLEARANCE BETWEEN ELECTRICAL DUCTS AND COMMUNICATION DUCTS.
2. SIZE OF DUCT BANK INSTALLED VARIES BASED ON QUANTITY OF DUCTS. SPACING SHOWN ABOVE IS TYPICAL.

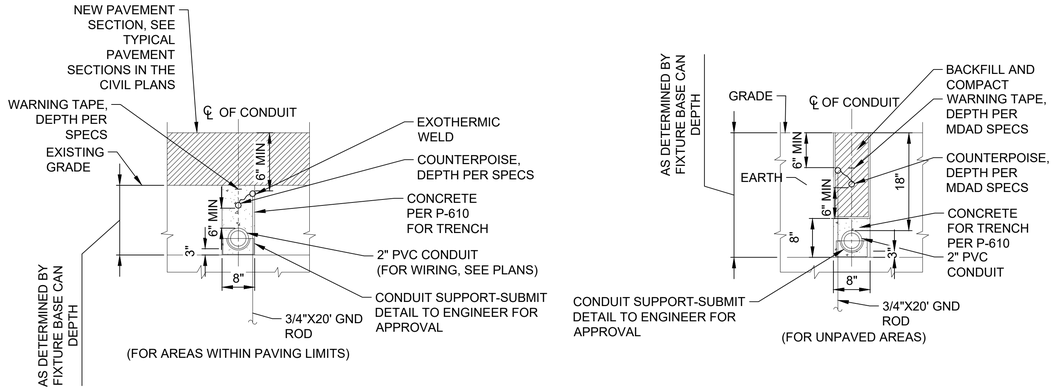


NOTE: QUANTITY OF DUCTS VARIES BASED ON SIZE OF DUCT BANK INSTALLED.

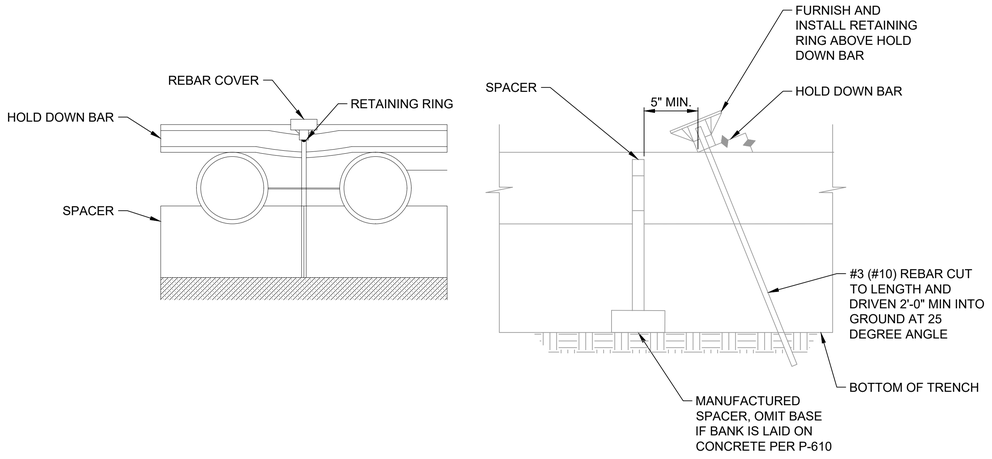
2 DUCT BANK DETAIL
N.T.S.

NOTES:

1. FOR ABBREVIATIONS AND ELECTRICAL GENERAL NOTES REFER TO CONTRACT DWG E-001.



3 TYPICAL CONDUIT TRENCH DETAILS
N.T.S.



4 HOLD DOWN BAR INSTALLATION DETAIL
N.T.S.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
IAN J. DENHOLM
FL PE NO.: 76229
DATE:

DESIGNED BY: I. DENHOLM	ISSUE DATE: 11/22/2024
DRAWN BY: J.PORTER	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: M. TATARA	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX (02504
MIAMI, FLORIDA 33102-5504

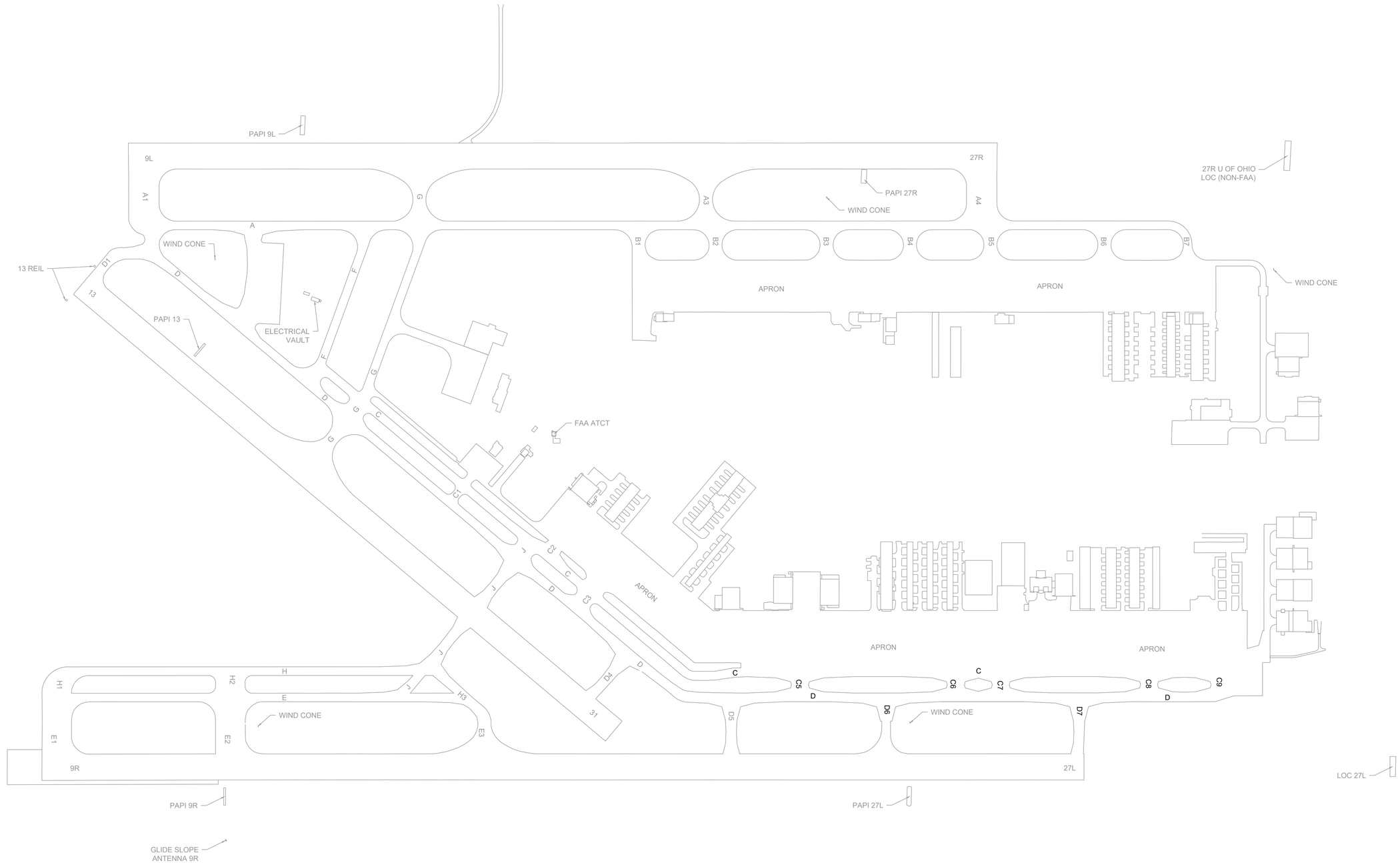
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

ELECTRICAL DETAILS - 6

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
E-406

FILENAME: C:\PWWORKING\EAST01\D312362810365381E-401-405.DWG
PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

IAN J. DENHOLM
FL PE NO.: 76229
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: I. DENHOLM
DRAWN BY: J.PORTER
CHECKED BY: M. TATARA
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

ALCMS TOUCHSCREEN GRAPHIC

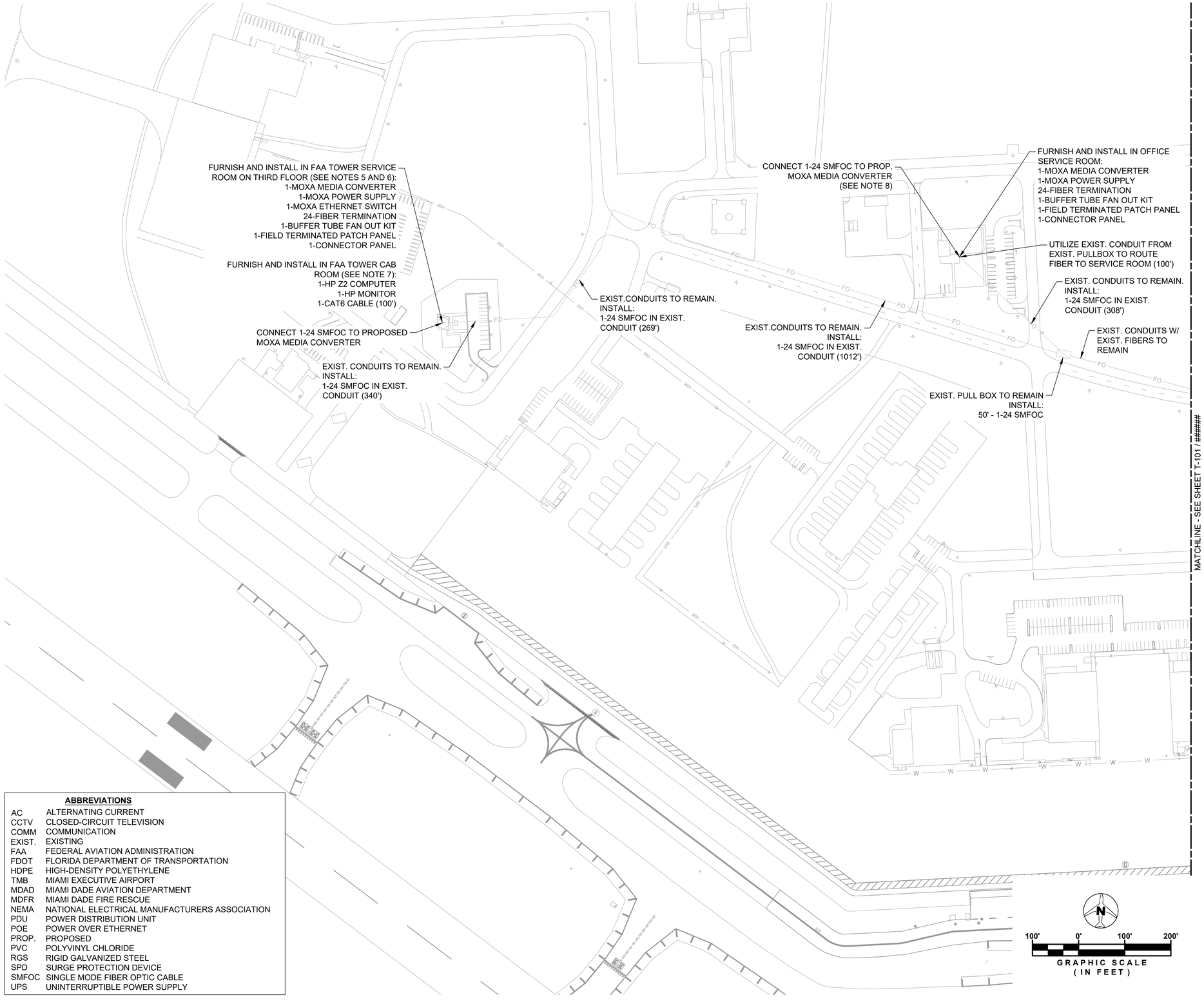
TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

E-500

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PLOT DATE: 2025/03/27 AT 1:23 PM LOCAL TIME
AUTHOR: PORTER, JACOB



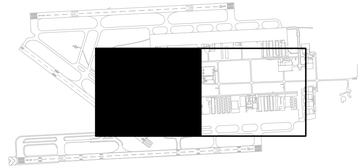
LEGEND

- EXISTING FIBER OPTIC CONDUIT TO REMAIN, CABLES AS PER PLANS
- FURNISH AND INSTALL SCH. 40 PVC CONDUIT IN TRENCH, QUANTITY AND CABLES AS PER PLANS (DETAIL 2 ON SHEET T-409)
- FURNISH AND INSTALL DIRECTIONALLY BORED HDPE CONDUIT, QUANTITY AND CABLES AS PER PLANS (DETAIL 1 ON SHEET T-409)
- EXISTING FIBER OPTIC PULL BOX TO REMAIN
- EXISTING POWER PULL BOX TO REMAIN
- EXISTING HIGH MAST LIGHT POLE TO REMAIN.
- FURNISH AND INSTALL NEW POWER PULL BOX (DETAIL 2 ON SHEET T-410)
- FURNISH AND INSTALL NEW FIBER OPTIC PULL BOX. (DETAIL 1 ON SHEET T-410)
- FURNISH AND INSTALL GROUND MOUNTED ITS CABINET (DETAIL 3 ON SHEET T-408)
- FURNISH AND INSTALL NEW CCTV CAMERA ON EXISTING HIGH MAST LIGHT POLE (DETAIL 2 ON SHEET T-408)
- FURNISH AND INSTALL POLE MOUNTED OIL-WATER SEPARATOR NEMA ENCLOSURE (SEE DETAIL 2 ON T-411)
- FURNISH AND INSTALL FDOT TYPE P-IIA SERVICE POLE (12')

NOTES

1. NOT ALL SYMBOLS IN LEGEND ARE USED IN EACH PLAN SHEET.
2. SYMBOLS ARE NOT TO SCALE
3. CONSTRUCTION FOR THIS WORK MUST BE IN ACCORDANCE WITH CURRENT FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AT THE TIME OF BIDDING.
4. REFER TO SHEETS T-400 TO T-411 FOR WIRING DIAGRAMS, TELECOM DETAILS, AND ELECTRICAL SERVICE DETAILS.
5. ROUTE THE PROPOSED FIBER INTO THE FAA TOWER UTILIZING THE EXISTING CONDUIT. ROUTE FROM THE FIRST FLOOR TO THE THIRD FLOOR UTILIZING THE EXISTING WALL MOUNTED RACEWAY. COORDINATE WITH FAA AND MDAD TO CONFIRM FINAL ROUTING.
6. COORDINATE WITH FAA AND MDAD THE EXACT LOCATION TO INSTALL THE MEDIA CONVERTER, POWER SUPPLY, PATCH PANEL, AND LAYER 2 SWITCH. CONNECT MEDIA CONVERTER TO LAYER 2 SWITCH. ROUTE CAT6 ETHERNET CABLE FROM THE LAYER 2 SWITCH TO THE COMPUTER AND MONITOR IN THE CAB. UTILIZE EXISTING CABLE TRAYS TO ROUTE CABLE FROM FLOOR TO FLOOR.
7. COORDINATE WITH FAA AND MDAD THE EXACT LOCATION TO INSTALL THE HP Z2 COMPUTER AND MONITOR AND CABLING LENGTH. CONNECT THE CAT6 ETHERNET CABLE FROM THE LAYER 2 SWITCH TO THE COMPUTER AND ENSURE CCTVS CAN BE VIEWED FROM THE COMPUTER. REFER TO THE SPECIFICATIONS (DIVISION 016000, SECTION 2.3) FOR EXACT COMPUTER AND MONITOR REQUIREMENTS.
8. ROUTE THE FIBER INTO THE ADMIN BUILDING UTILIZING THE EXISTING CONDUIT. INSTALL THE MEDIA CONVERTER AND POWER SUPPLY IN THE EXISTING WALL MOUNTED ENCLOSURE CABINET THAT CONTAINS THE EXISTING LAYER 2 SWITCH. ROUTE THE FIBER TO THE MEDIA CONVERTER AND CONNECT MEDIA CONVERTER TO EXISTING LAYER 2 SWITCH

KEY MAP



ABBREVIATIONS

AC	ALTERNATING CURRENT
CCTV	CLOSED-CIRCUIT TELEVISION
COMM	COMMUNICATION
EXIST.	EXISTING
FAA	FEDERAL AVIATION ADMINISTRATION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
HDPE	HIGH-DENSITY POLYETHYLENE
TMB	MIAMI EXECUTIVE AIRPORT
MDAD	MIAMI DADE AVIATION DEPARTMENT
MDFR	MIAMI DADE FIRE RESCUE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
PDU	POWER DISTRIBUTION UNIT
POE	POWER OVER ETHERNET
PROP.	PROPOSED
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL
SPD	SURGE PROTECTION DEVICE
SMFOC	SINGLE MODE FIBER OPTIC CABLE
UPS	UNINTERRUPTIBLE POWER SUPPLY

Sunshine811

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

CORY T. BEARD
FL PE NO.: 87528
DATE:

DESIGNED BY: C. BEARD	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: J. WU	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

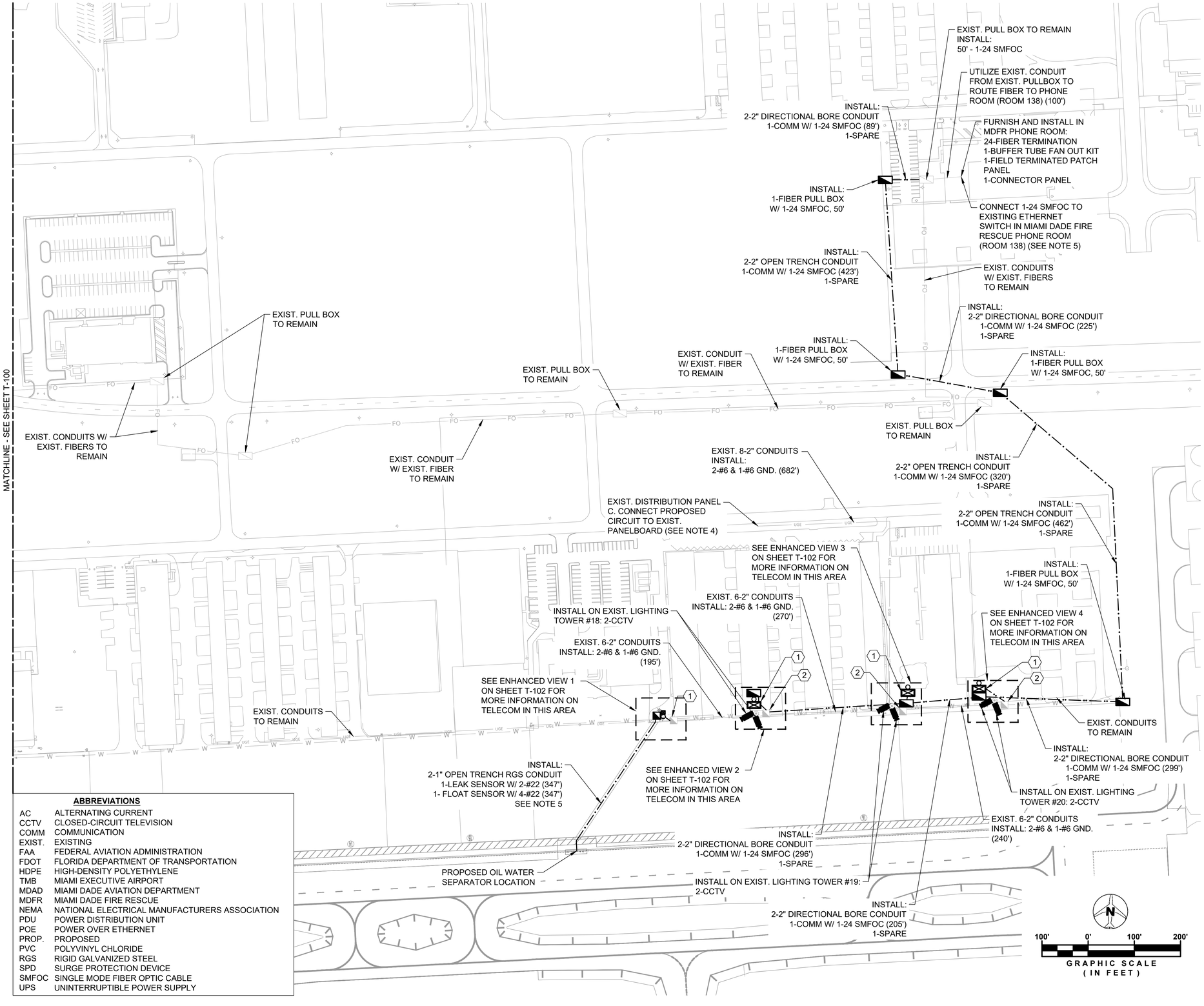
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CCTV CAMERA PLANS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
T-100

FILENAME: C:\PWWORKING\EAST01\D312362611036538\1T-100.DWG
PLOT DATE: 2025/05/21 AT 12:52 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- EXISTING FIBER OPTIC CONDUIT TO REMAIN, CABLES AS PER PLANS
- FURNISH AND INSTALL SCH. 40 PVC CONDUIT IN TRENCH, QUANTITY AND CABLES AS PER PLANS (DETAIL 2 ON SHEET T-409)
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- FURNISH AND INSTALL FDOT TYPE P-IIA SERVICE POLE (12')

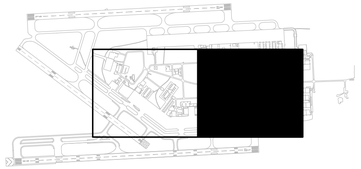
NOTES

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5. CONDUIT TO BE PLACED IN OPEN TRENCH WITH OIL WATER SEPARATOR VENT PIPES. SEE SHEET T-411 FOR CONDUCTOR DETAILS. SEALOFFS SHALL BE PROVIDED AT THE MANWAYS LEAVING THE OIL-WATER SEPARATOR.

KEYNOTES

1. INSTALL:
   - 1-GROUND MOUNTED TYPE 336 CCTV CABINET
   - 24-FIBER TERMINATION
   - 1-BUFFER TUBE FAN OUT KIT
   - 1-FIELD TERMINATED PATCH PANEL
   - 1-CONNECTOR PANEL
   - 1-ETHERNET SWITCH
   - 1-UPS
   - 1-REMOTE POWER MANAGEMENT UNIT
   - 1-STEP DOWN TRANSFORMER (480V TO 120V)
   - 1-CONCRETE SERVICE POLE
   - 1-DISCONNECT SWITCH
   - RGS ABOVE GROUND CONDUIT (10')
2. PULL BOX TO REMAIN. INSTALL NEW CONDUIT BETWEEN PULL BOX AND PROP. CABINET AND ROUTE NEW CONDUCTORS TO CABINET.

KEY MAP



ABBREVIATIONS

AC	ALTERNATING CURRENT
CCTV	CLOSED-CIRCUIT TELEVISION
COMM	COMMUNICATION
EXIST.	EXISTING
FAA	FEDERAL AVIATION ADMINISTRATION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
HDPE	HIGH-DENSITY POLYETHYLENE
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NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
PDU	POWER DISTRIBUTION UNIT
POE	POWER OVER ETHERNET
PROP.	PROPOSED
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL
SPD	SURGE PROTECTION DEVICE
SMFOC	SINGLE MODE FIBER OPTIC CABLE
UPS	UNINTERRUPTIBLE POWER SUPPLY

Sunshine811

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

CORY T. BEARD
FL PE NO.: 87528
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	C. BEARD
DRAWN BY:	S. TOLLETTE
CHECKED BY:	J. WU
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

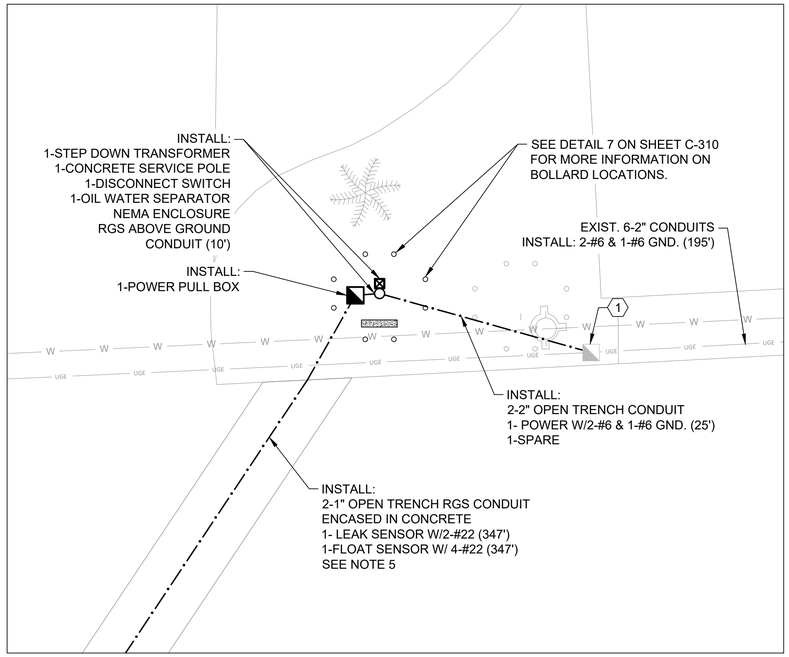
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

OIL WATER SEPARATOR POWER PLANS

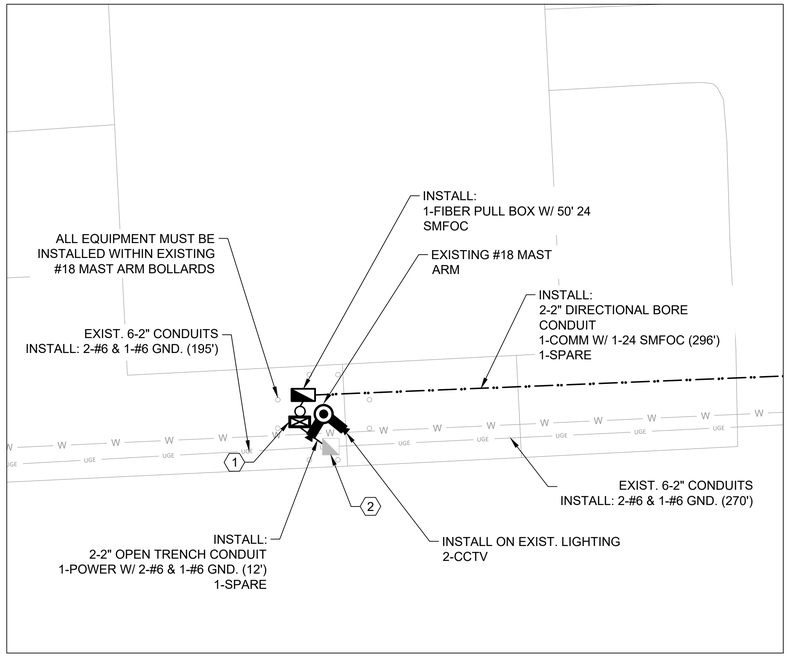
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
T-101

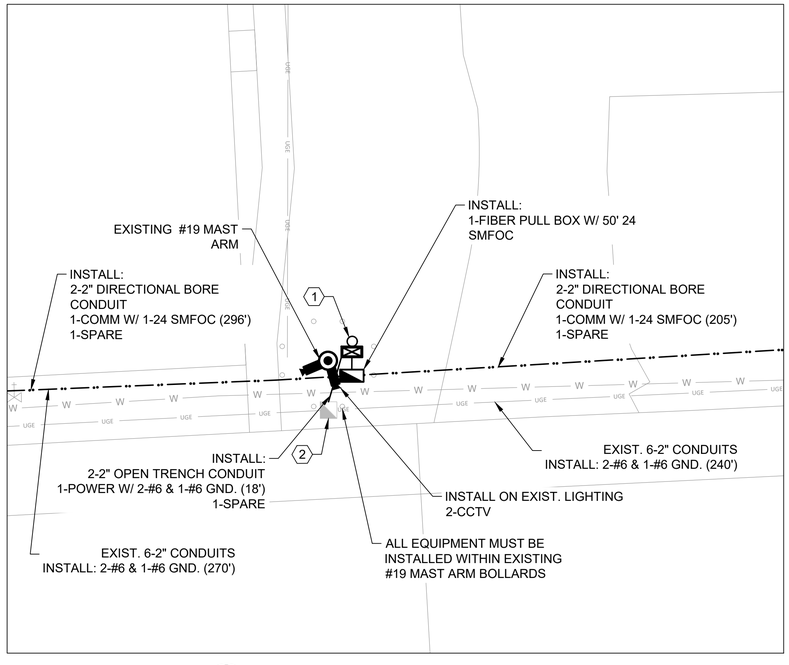
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PLOT DATE: 2025/05/21 AT 12:52 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



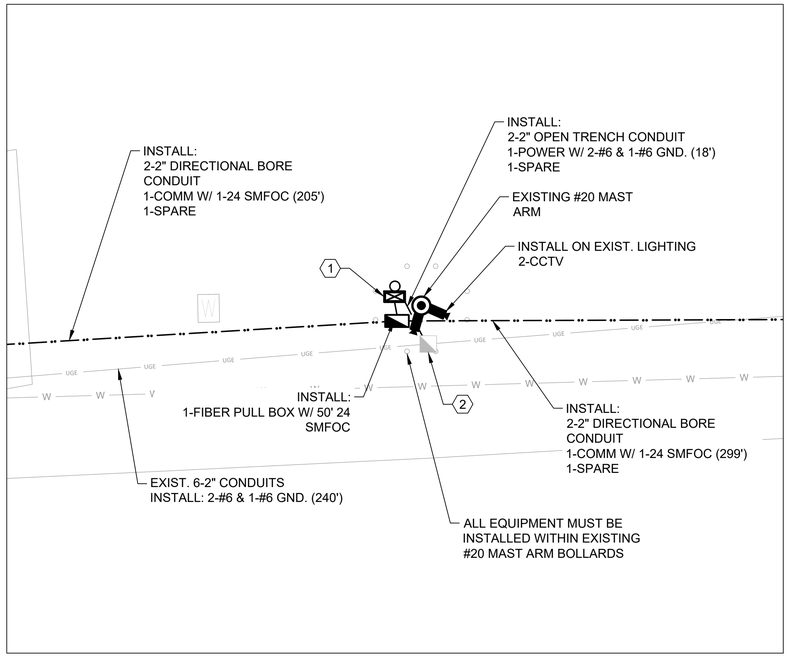
1 OIL WATER SEPARATOR CONTROL PANEL ENHANCED VIEW 1



2 HIGH MAST #18 ENHANCED VIEW 2



3 HIGH MAST #19 ENHANCED VIEW 3



4 HIGH MAST #20 ENHANCED VIEW 4

LEGEND

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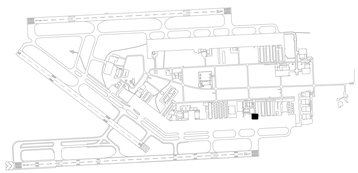
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KEYNOTES

(1) PULL BOX TO REMAIN. INSTALL NEW CONDUIT BETWEEN PULL BOX AND PROP. CABINET AND ROUTE NEW CONDUCTORS TO CABINET.

KEY MAP



GRAPHIC SCALE
(IN FEET)
10' 0' 10' 20'

Sunshine811

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
CORY T. BEARD
FL PE NO.: 87528
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: C. BEARD
DRAWN BY: S. TOLLETTE
CHECKED BY: J. WU
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

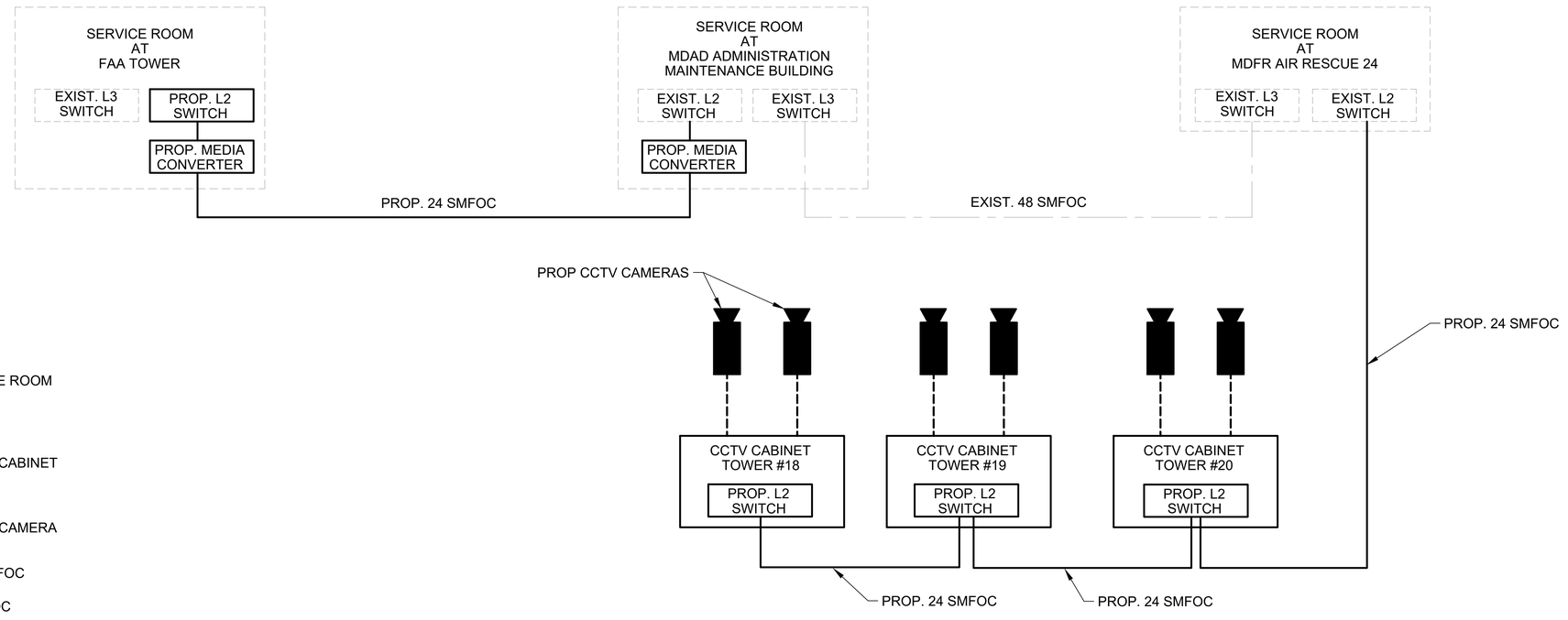
OIL WATER SEPARATOR POWER ENHANCED

TAXIWAY C EAST EXTENSION

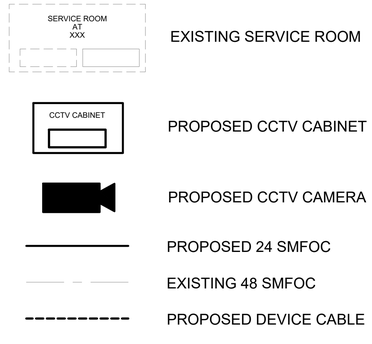
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
T-102

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PLOT DATE: 2025/05/21 AT 12:52 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND:



ABBREVIATIONS

AC	ALTERNATING CURRENT
CCTV	CLOSED-CIRCUIT TELEVISION
COMM	COMMUNICATION
EXIST.	EXISTING
FAA	FEDERAL AVIATION ADMINISTRATION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
HDPE	HIGH-DENSITY POLYETHYLENE
TMB	MIAMI EXECUTIVE AIRPORT
MDAD	MIAMI DADE AVIATION DEPARTMENT
MDFR	MIAMI DADE FIRE RESCUE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
PDU	POWER DISTRIBUTION UNIT
POE	POWER OVER ETHERNET
PROP.	PROPOSED
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL
SPD	SURGE PROTECTION DEVICE
SMFOC	SINGLE MODE FIBER OPTIC CABLE
UPS	UNINTERRUPTIBLE POWER SUPPLY

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
CORY T. BEARD
FL PE NO.: 87528
DATE:

DESIGNED BY: C. BEARD	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: J. WU	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

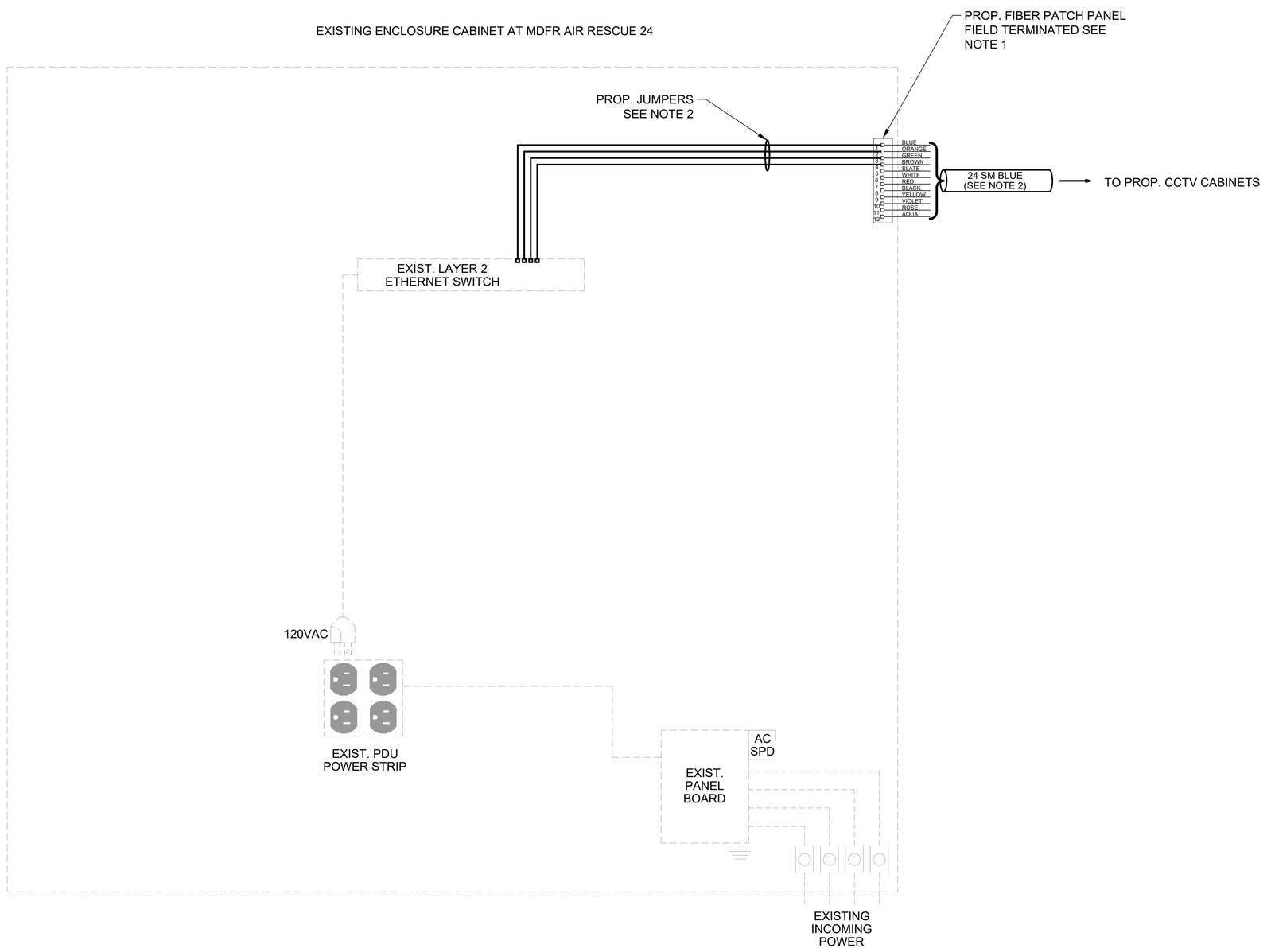
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 200
DORAL, FL 33166
(305) 728-7452

FIBER ONE LINE DIAGRAMS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
T-400

FILENAME: C:\PWWORKING\EAST01\D312362B1\03653811T-400.DWG
PLOT DATE: 2025/05/21 AT 12:52 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



NOTES:

1. NOT ALL PATCH PANELS AND CONNECTORS ARE SHOWN FOR CLARITY
2. NOT ALL EXISTING FIBERS, JUMPERS, AND CONNECTIONS ARE SHOWN

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

CORY T. BEARD
FL PE NO.: 87528
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: C. BEARD	CHECKED BY: J. WU	
DRAWN BY: S. TOLLETTE	SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

MDFR AIR RESCUE 24 WIRING DIAGRAMS

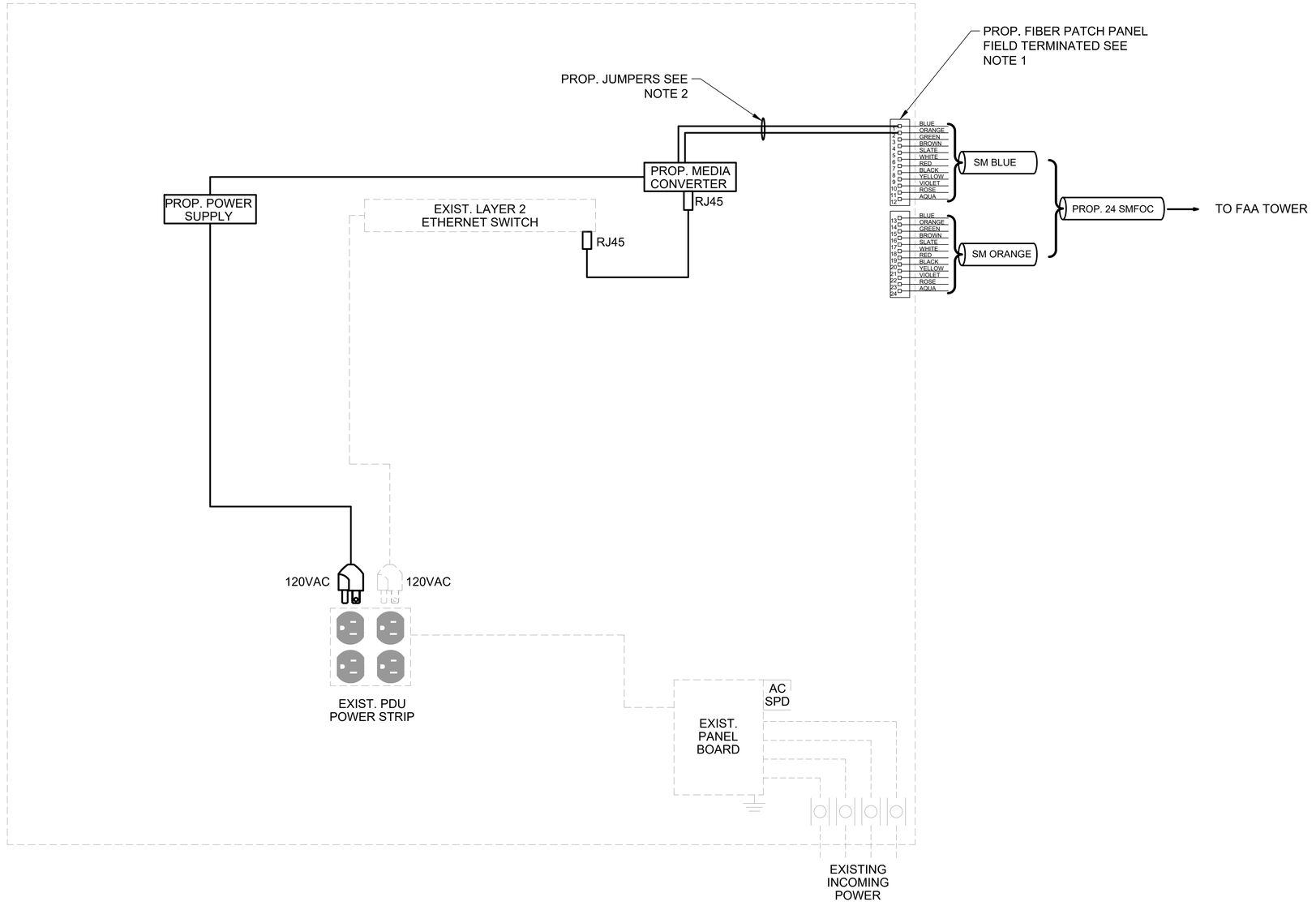
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

T-401

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PLOT DATE: 2025/05/21 AT 12:52 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

EXISTING SERVICE RACK AT MDAD ADMINISTRATION MAINTENANCE BUILDING



NOTES:

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LICENSED PROFESSIONAL

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MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
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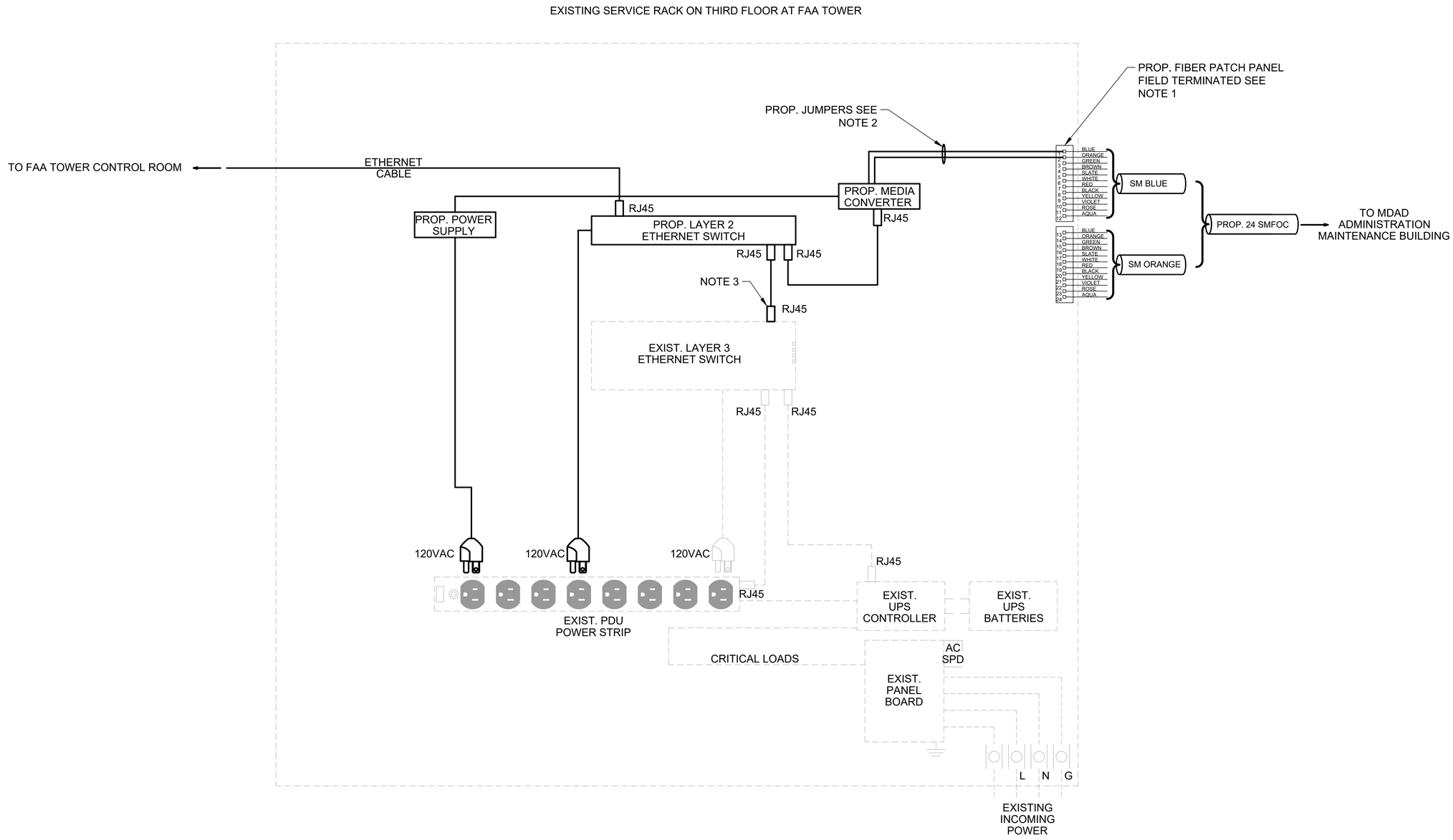
MDAD ADMINISTRATION BUILDING WIRING DIAGRAMS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

T-402

FILENAME: C:\PWWORKING\EAST01\D3123426\103653817-400.DWG
PLOT DATE: 2025/05/21 AT 12:52 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



NOTES:

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2. NOT ALL EXISTING FIBERS, JUMPERS, AND CONNECTIONS ARE SHOWN

3. COORDINATE WITH MDAD, TMB, AND FAA TO DETERMINE CONNECTION BETWEEN PROP. LAYER 2 SWITCH AND LAYER 3 SWITCH AS NEEDED.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

CORY T. BEARD
FL PE NO.: 87528
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: C. BEARD
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MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

FAA TOWER WIRING DIAGRAMS

TAXIWAY C EAST EXTENSION

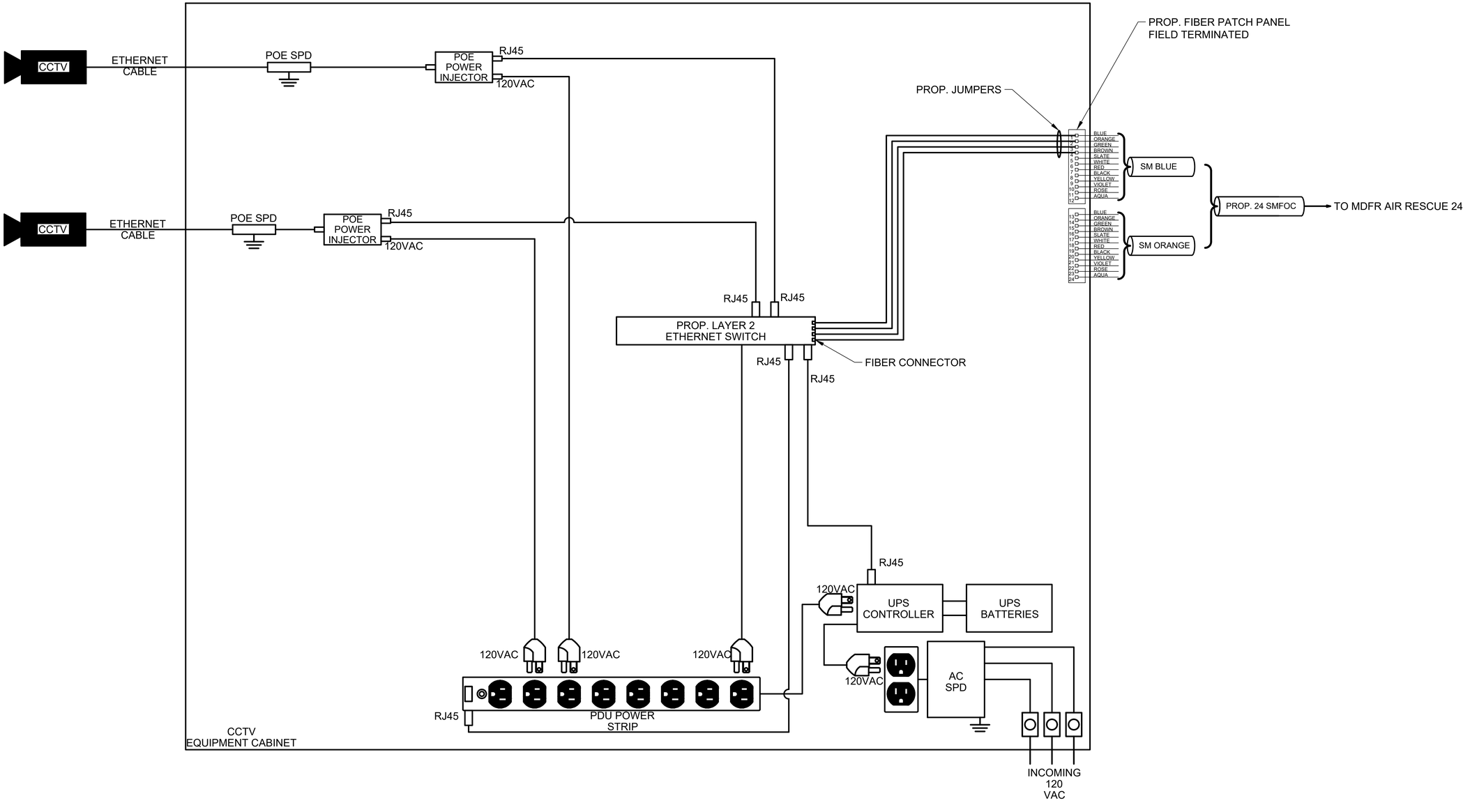
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

T-403

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PLOT DATE: 2025/05/21 AT 12:52 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PROPOSED GROUND MOUNTED CCTV CABINET AT EXIST. HIGH MAST TOWER #18



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

CORY T. BEARD
FL PE NO.: 87528
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	C. BEARD
DRAWN BY:	S. TOLLETTE
CHECKED BY:	J. WU
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CABINET WIRING DIAGRAMS

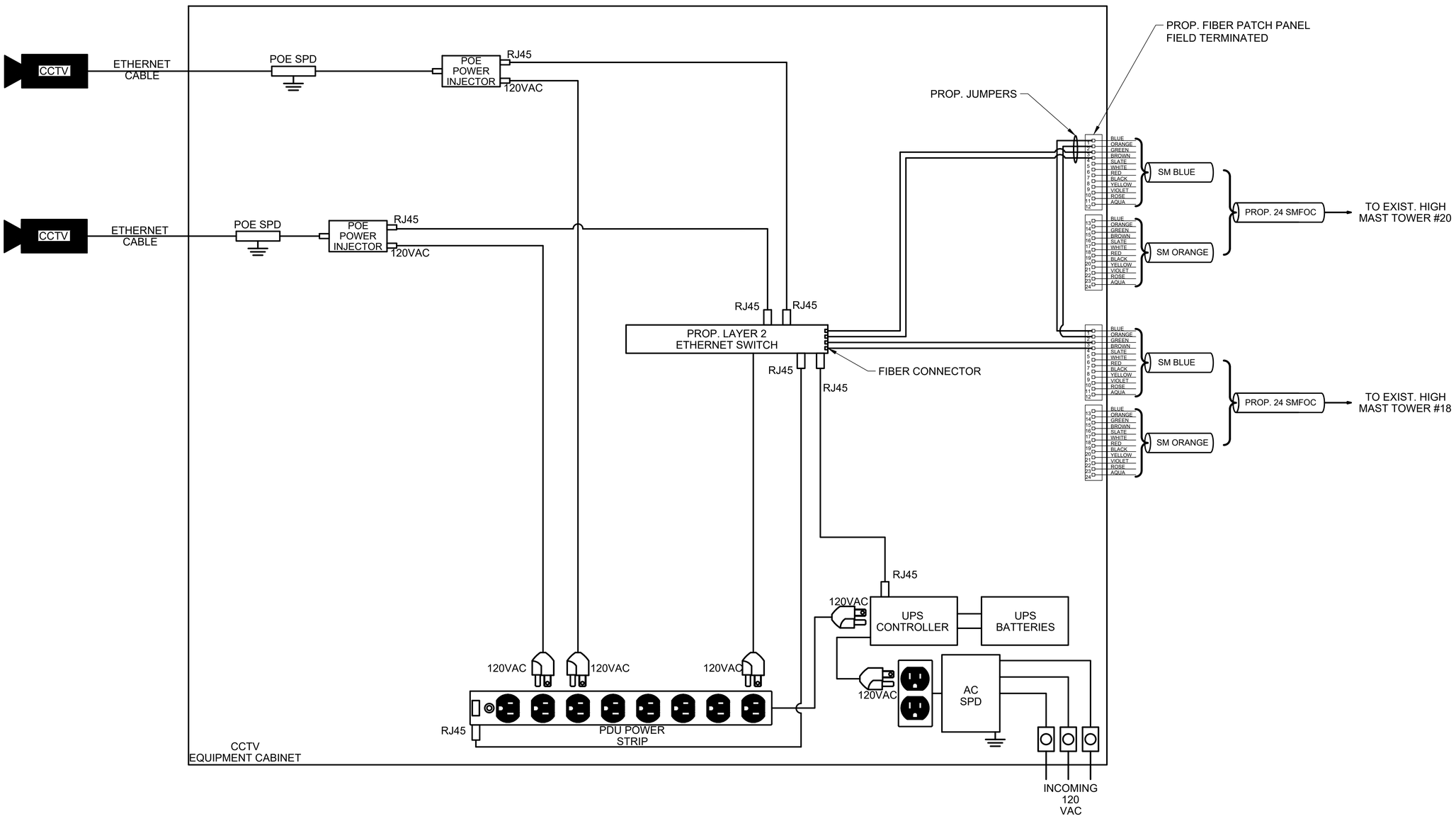
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

T-404

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PLOT DATE: 2025/05/21 AT 12:53 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PROPOSED GROUND MOUNTED CCTV CABINET AT EXIST. HIGH MAST TOWER #19



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

CORY T. BEARD
FL PE NO.: 87528
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: C. BEARD
DRAWN BY: S. TOLLETTE
CHECKED BY: J. WU
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

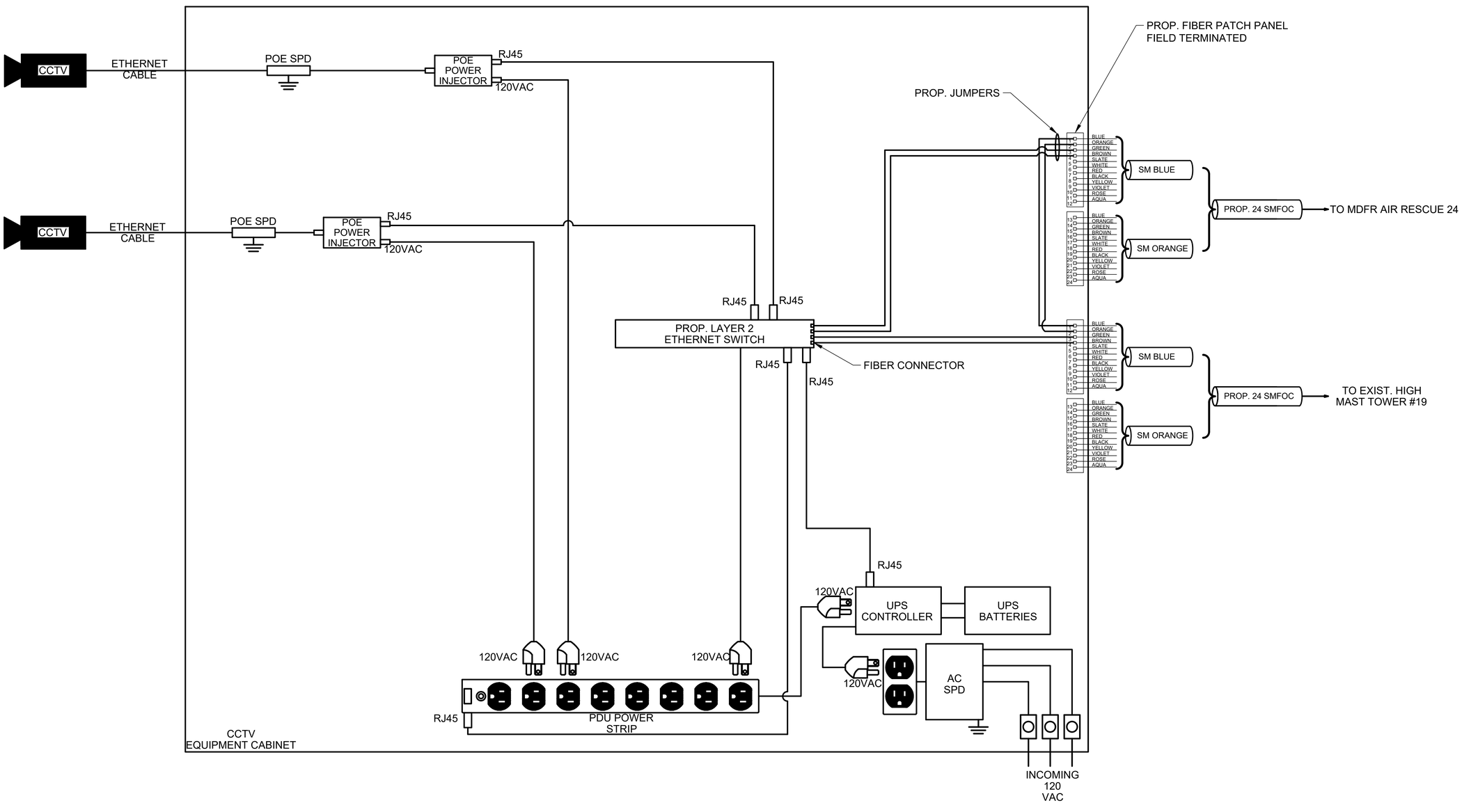
CABINET WIRING DIAGRAMS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
T-405

FILENAME: C:\PWWORKING\EAST01\D3123628\103653811T-400.DWG
PLOT DATE: 2025/05/21 AT 12:53 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

PROPOSED GROUND MOUNTED CCTV CABINET AT EXIST. HIGH MAST TOWER #20



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

CORY T. BEARD
FL PE NO.: 87528
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: C. BEARD
DRAWN BY: S. TOLLETTE
CHECKED BY: J. WU
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

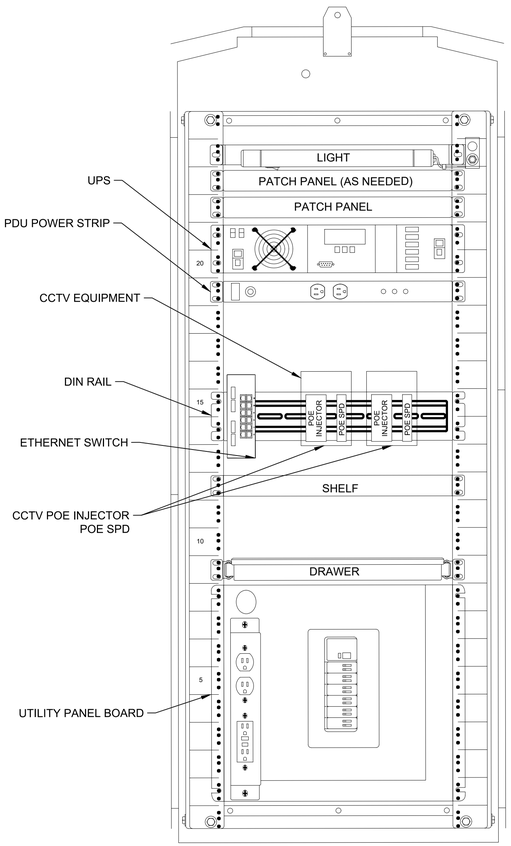
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CABINET WIRING DIAGRAMS

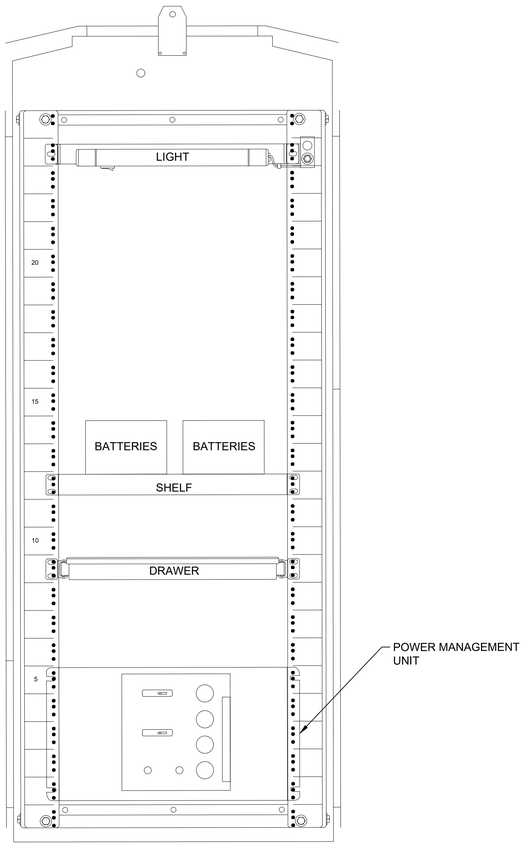
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MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
T-406

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PLOT DATE: 2025/05/21 AT 12:53 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



FRONT VIEW



BACK VIEW

1 PROPOSED GROUND MOUNTED CCTV CABINET
N.T.S.

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

DESIGNED BY:	ISSUE DATE:
C. BEARD	11/22/2024
DRAWN BY:	PROJECT PHASE:
S. TOLLETTE	BID DOCUMENTS
CHECKED BY:	
J. WU	
SUBMITTED BY:	
R. DOSSANI	

MARK	DESCRIPTION	DATE
-	-	-

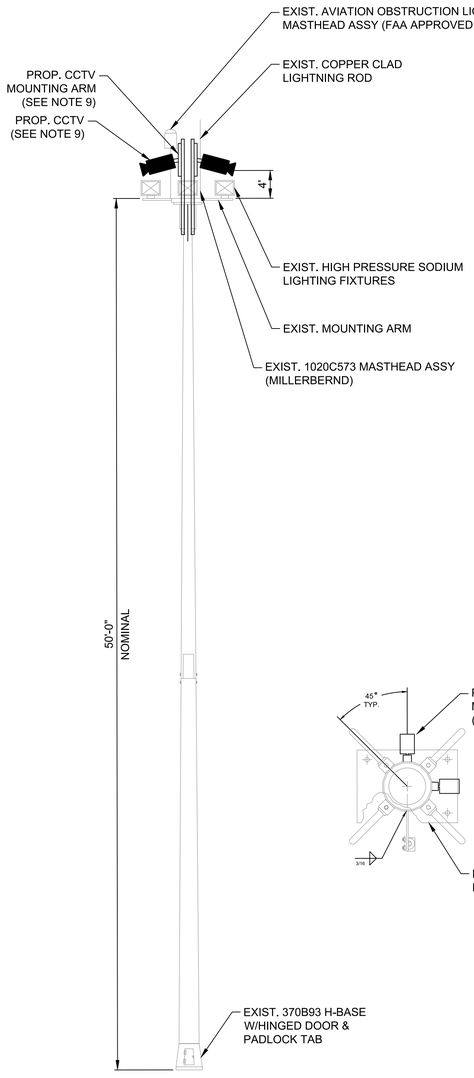
LICENSED PROFESSIONAL
CORY T. BEARD
FL PE NO.: 87528
DATE:

PROPOSED GROUND MOUNTED CCTV CABINET DETAIL

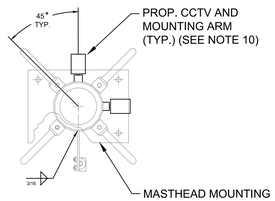
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MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
T-407

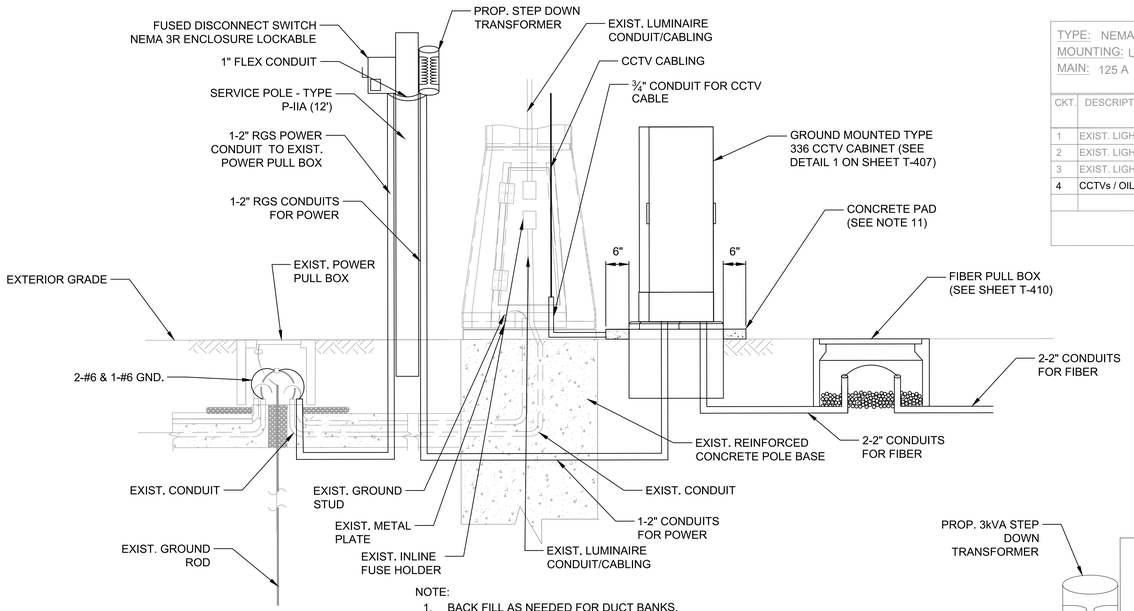
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PLOT DATE: 2025/05/21 AT 12:53 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



2 CCTV CAMERA MOUNTING DETAIL
N.T.S.



NOTES:
1. ALL EXPOSED CONCRETE SURFACE EDGES SHALL BE CHAMFERED ¾ INCHES.
2. ANCHOR BOLT TEMPLATE SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATION.
3. MAINTAIN BENDING RADIUS AS REQUIRED PER FDOT SPECIFICATIONS FOR FIBER OPTIC CABLES
4. CONTRACTOR SHALL PROVIDE PEDESTAL SHOP DRAWINGS OR CATALOG CUT FOR APPROVAL. SHOP DRAWINGS SHALL INCLUDE ALL COMPONENTS AT THE SITE INCLUDING BUT NOT LIMITED TO CABINET, PAD/FOUNDATION, CONDUIT, TRANSFORMER, DISCONNECT SWITCH, PULL BOXES, CABINET COMPONENTS (SEE SHEET T-407), CCTVS, MOUNTING HARDWARE, AND CONDUCTORS.
5. COORDINATE WITH THE MDAD ADMINISTRATION TO DEFINE CABINET, INFRASTRUCTURE, AND EQUIPMENT TAGS AND LABELS. SUBMIT TAGGING AND LABELING PLAN TO THE MDAD ADMINISTRATION FOR APPROVAL
6. SCREEN ALL WEEPS HOLES TO PREVENT RODENT ENTRY.
7. TYPICAL FOR ALL CONDUIT ENTRIES TO ALL CABINETS. A) CAP SPARE CONDUIT. B) FURNISH AND INSTALL COPPER WOOL AND DUCT SEAL AROUND CABLE TO PREVENT RODENT ENTRY AT ALL CONDUITS ENTERING THE CABINET.
8. ENSURE CCTV AND ARM INSTALLATION DOES NOT INTERFERE OR BLOCK EXISTING AVIATION OBSTRUCTION LIGHT. CCTV ARM TO BE MOUNTED TO THE HIGH MAST POLE AND NOT THE LOWERING RING. CCTV ARMS SHALL NOT INTERFERE WITH LOWERING DEVICE. SUBMIT MOUNTING DETAILS VIA SHOP DRAWING FOR APPROVAL.
9. CCTV SHALL BE AXIS P1468-LE BULLET CAMERA OR APPROVED EQUAL. MOUNTING ARM SHALL BE PELCO ASTRO-BRACKET OR APPROVED EQUAL.
10. INSTALL CCTV AND ARM DIRECTED TOWARDS THE PROPOSED TAXIWAY. ENSURE 100% COVERAGE OF THE PROPOSED TAXIWAY IS ACHIEVED FROM A COMBINATION OF THE SIX (6) PROPOSED CAMERAS.
11. PROVIDE CONCRETE PAD AND BASE IN ACCORDANCE WITH FDOT STANDARD PLANS 676-010 AND FDOT SPECIFICATIONS SECTION 676.
12. PROVIDE TYPE P-IIA SERVICE POLE IN ACCORDANCE WITH FDOT STANDARD PLANS 641-010 AND FDOT SPECIFICATIONS SECTION 641



NOTE:
1. BACK FILL AS NEEDED FOR DUCT BANKS.

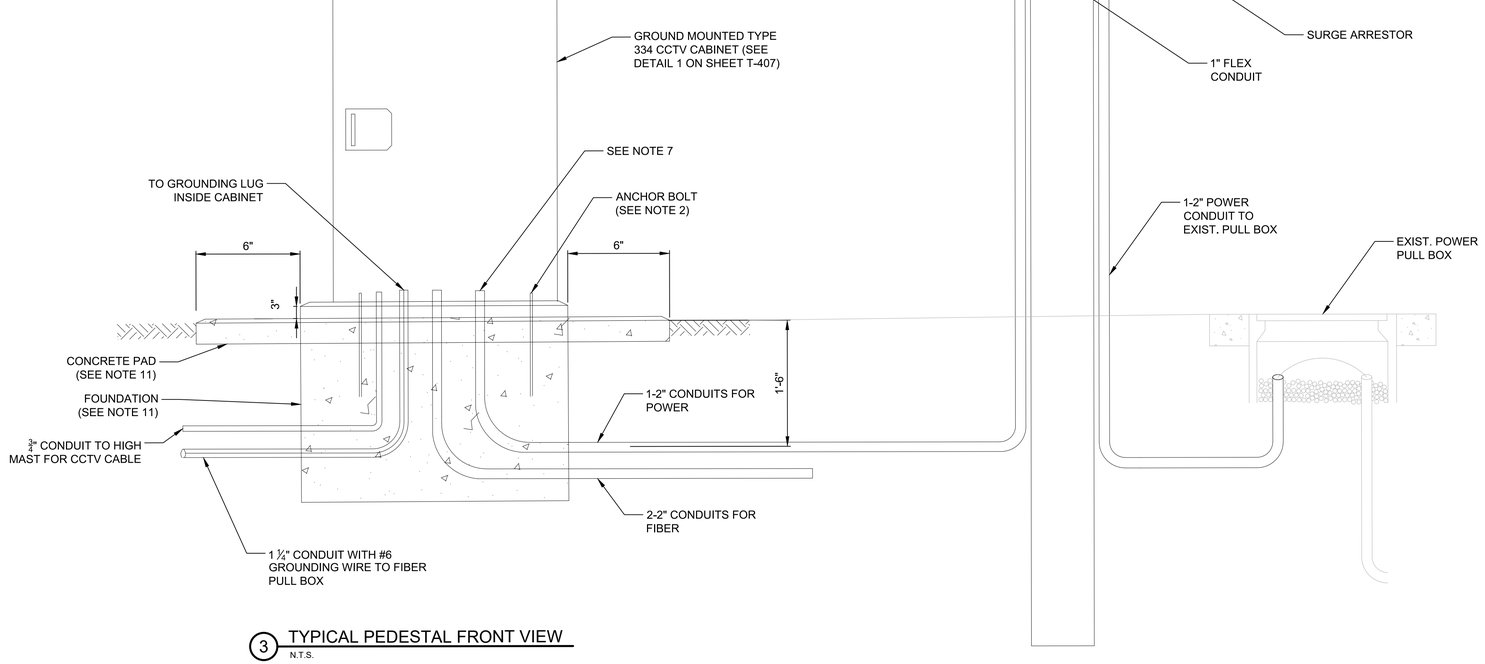
1 TYPICAL PEDESTAL SIDE VIEW
N.T.S.

TYPE: NEMA 4 ENCLOSURE
MOUNTING: UNISTROUT-OUTDOORS
MAIN: 125 A

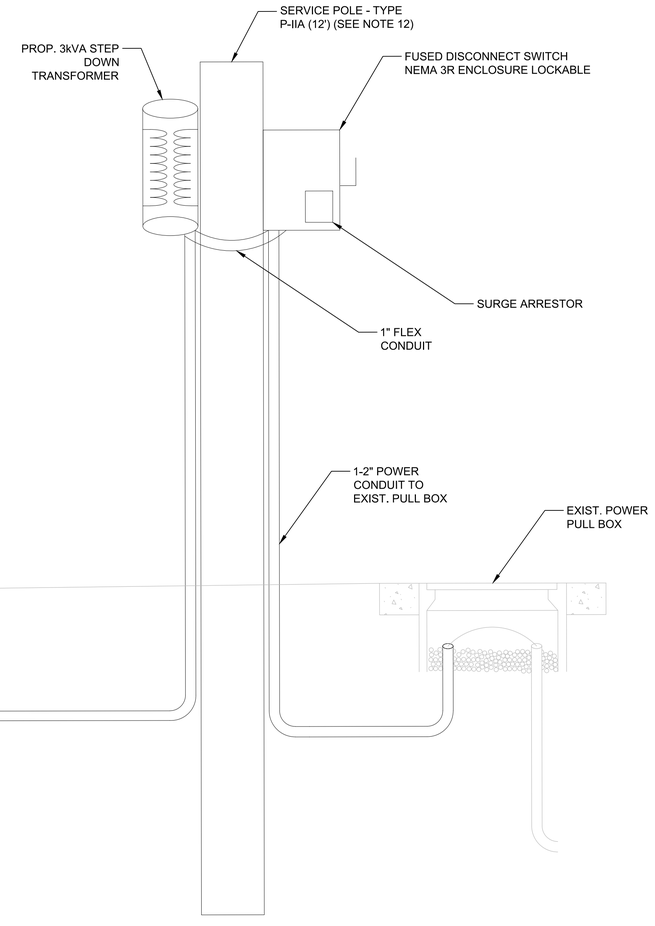
PANEL "C"
AIC=18 K

VOLTS: 480V, 1 PH 2W + GR
BUS: 225 A
LOAD: 25.4 KVA/82 A

CKT	DESCRIPTION	POLES	TRIP A	VOLTS	WIRE AWG	COND. IN.	LOAD KVA	REMARKS
1	EXIST. LIGHTING	2	40	480	#6	EXIST.	6.2	GFI GR #6
2	EXIST. LIGHTING	2	40	480	#6	EXIST.	6.2	GFI GR #6
3	EXIST. LIGHTING	2	40	480	#6	EXIST.	6.2	GFI GR #6
4	CCTVs / OIL SEP.	2	40	480	#6	EXIST.	6.8	GFI GR #6



3 TYPICAL PEDESTAL FRONT VIEW
N.T.S.



MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
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FL PE NO.: 87528
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: C. BEARD
DRAWN BY: S. TOLLETTE
CHECKED BY: J. WU
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

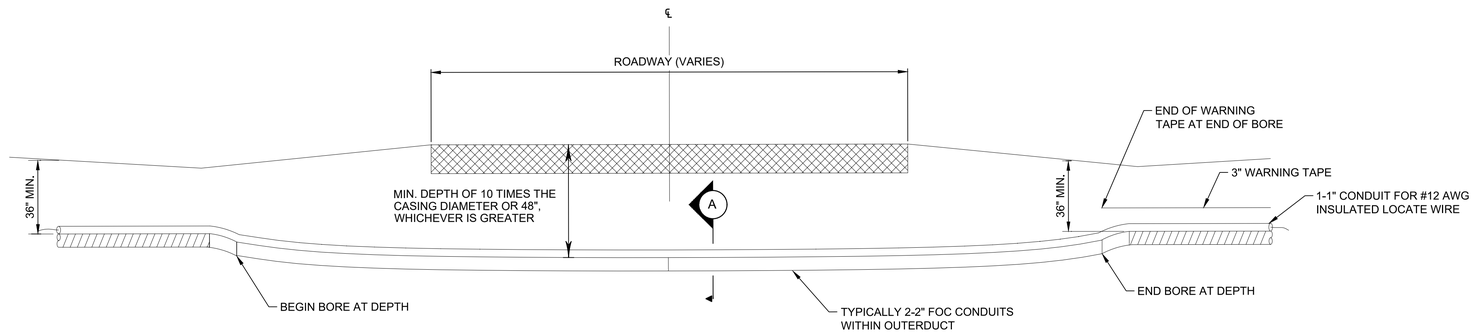
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CCTV MOUNTING DETAILS

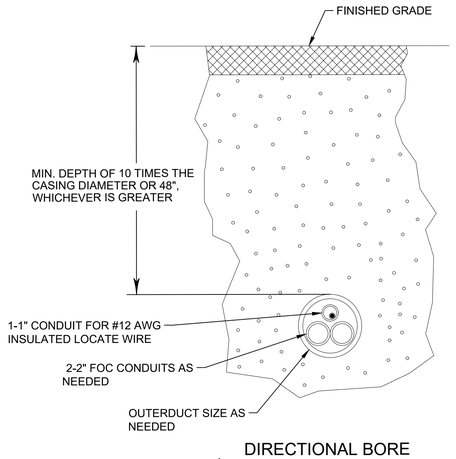
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
T-408

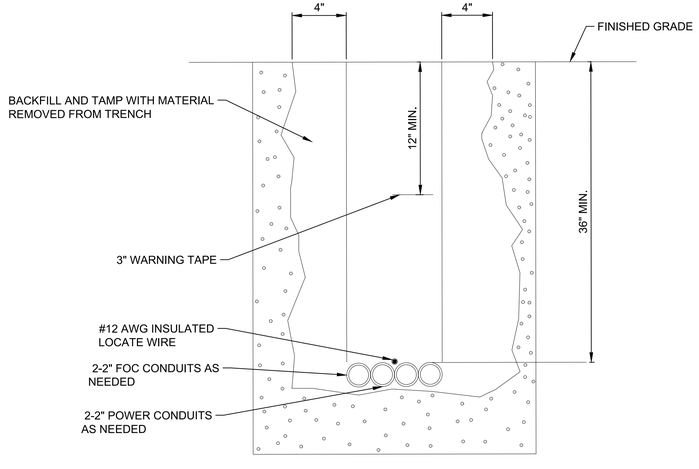
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PLOT DATE: 2025/05/21 AT 12:53 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



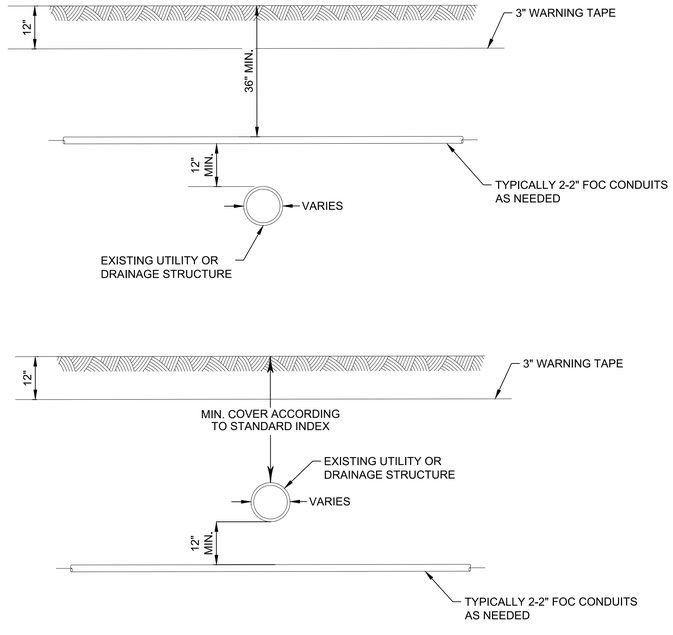
1 DIRECTIONAL BORE UNDER ROADWAY
N.T.S.



A DIRECTIONAL BORE UNDER ROADWAY
N.T.S.



2 TYPICAL TRENCHING
N.T.S.



3 CONDUIT INSTALLATION DETAILS ACROSS EXISTING DRAIN PIPES OR UTILITIES
N.T.S.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
CORY T. BEARD
FL PE NO.: 87528
DATE:

DESIGNED BY: C. BEARD
DRAWN BY: S. TOLLETTE
CHECKED BY: J. WU
SUBMITTED BY: R. DOSSANI
ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

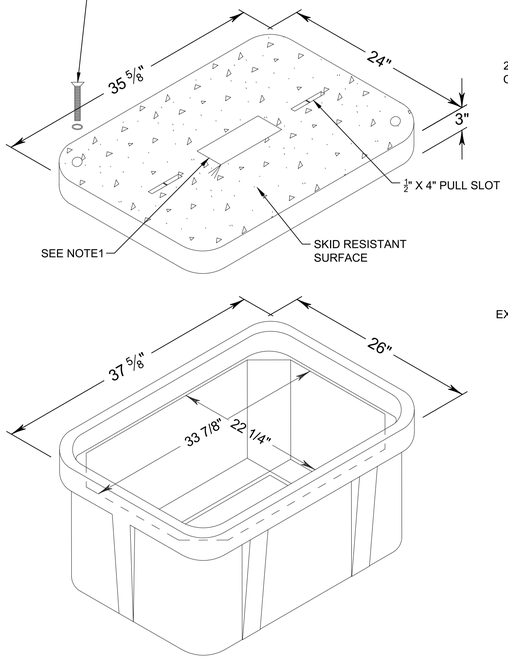
HDR ENGINEERING, INC.
8333 NW 53RD ST, STE 200
DORAL, FL 33166
(305) 728-7452

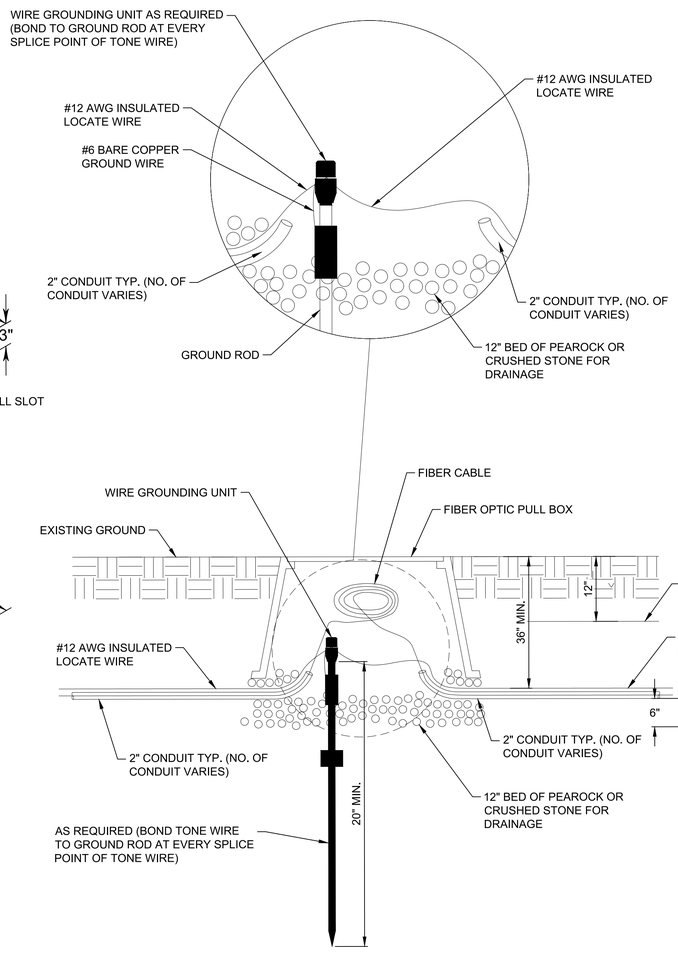
TRENCHING DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
T-409

FILENAME: C:\PW\WORKING\EAST01\D312362B1\03653811T-400.DWG
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AUTHOR: TOLLETTE, SAMUEL

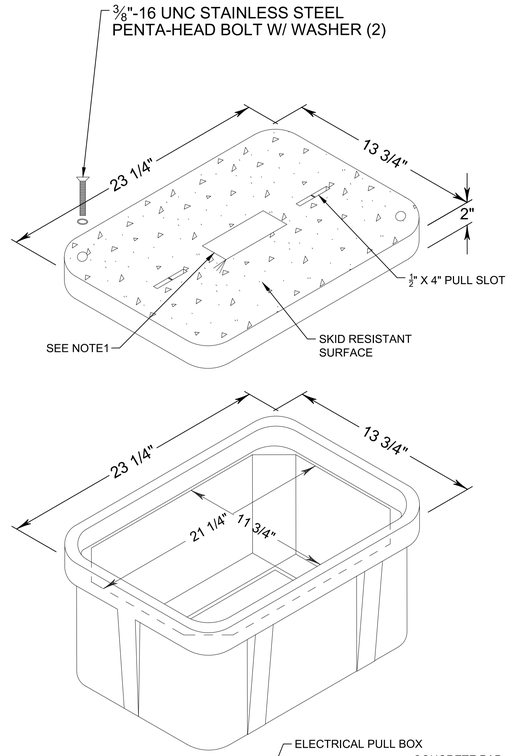


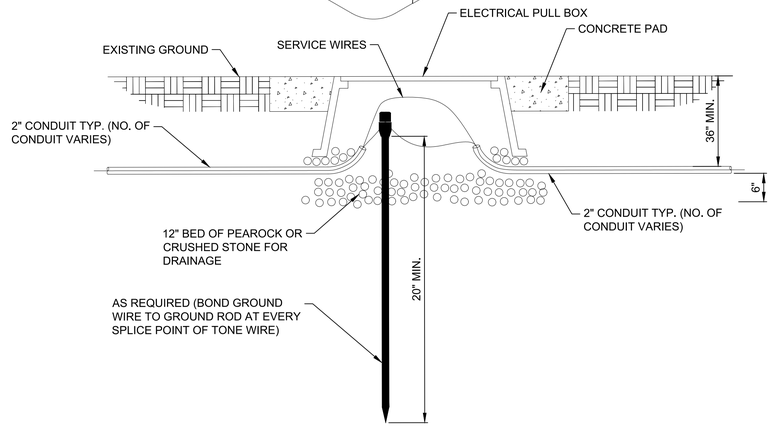


1 FIBER OPTIC PULL BOX DETAIL
N.T.S.

FIBER OPTIC PULL BOX NOTES:

1. COORDINATE WITH MDAD FOR THE LABEL INFORMATION CAST INTO THE TOP OF PULL BOX COVER
2. PROVIDE PULL BOXES IN ACCORDANCE WITH FDOT STANDARD PLANS 635-001 AND FDOT SPECIFICATIONS SECTION 635.





2 ELECTRICAL AND ITS PULL BOX DETAIL
N.T.S.

NOTES:

1. COORDINATE WITH MDAD FOR THE LABEL INFORMATION CAST INTO THE TOP OF PULL BOX COVER
2. PROVIDE PULL BOXES IN ACCORDANCE WITH FDOT STANDARD PLANS 635-001 AND FDOT SPECIFICATIONS SECTION 635.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
CORY T. BEARD
FL PE NO.: 87528
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY:	CHECKED BY:
C. BEARD	J. WU
DRAWN BY:	SUBMITTED BY:
S. TOLLETTE	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

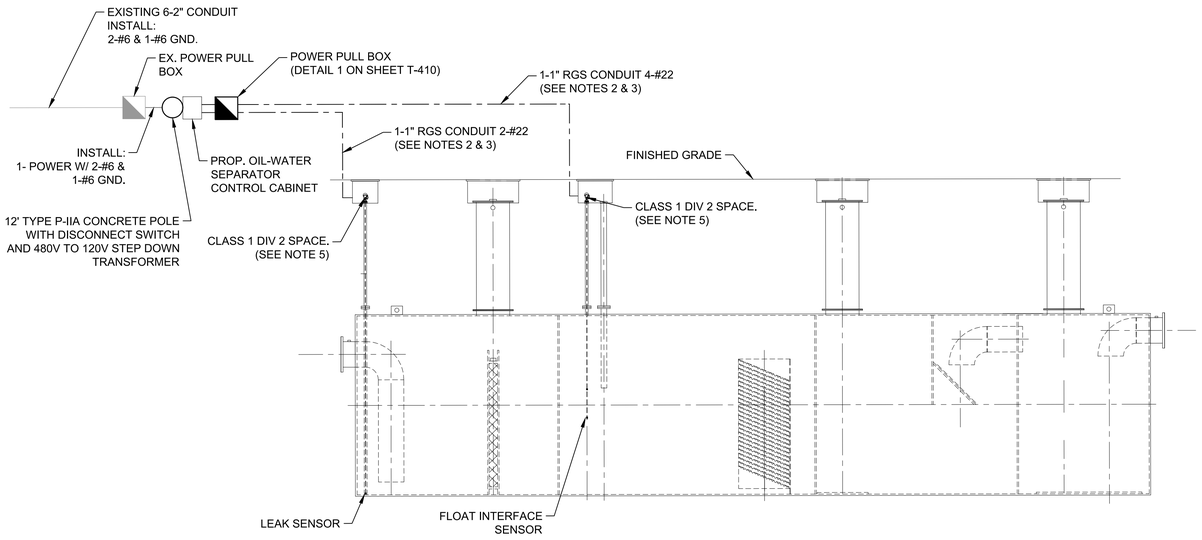
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

PULL BOX DETAILS

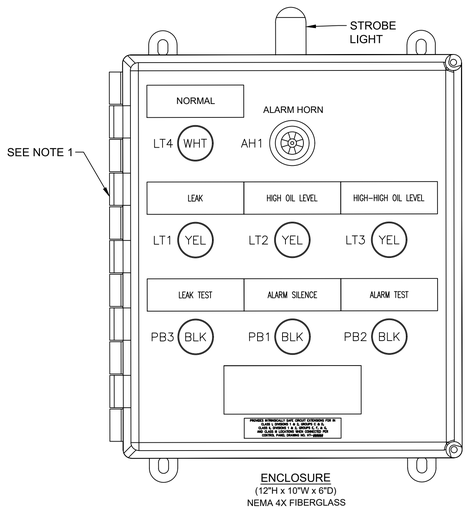
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
T-410

FILENAME: C:\PWWORKING\EAST01\D312362B\103653811T-400.DWG
PLOT DATE: 2025/05/21 AT 12:53 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



1 OIL WATER SEPARATOR WIRING DETAILS
N.T.S.



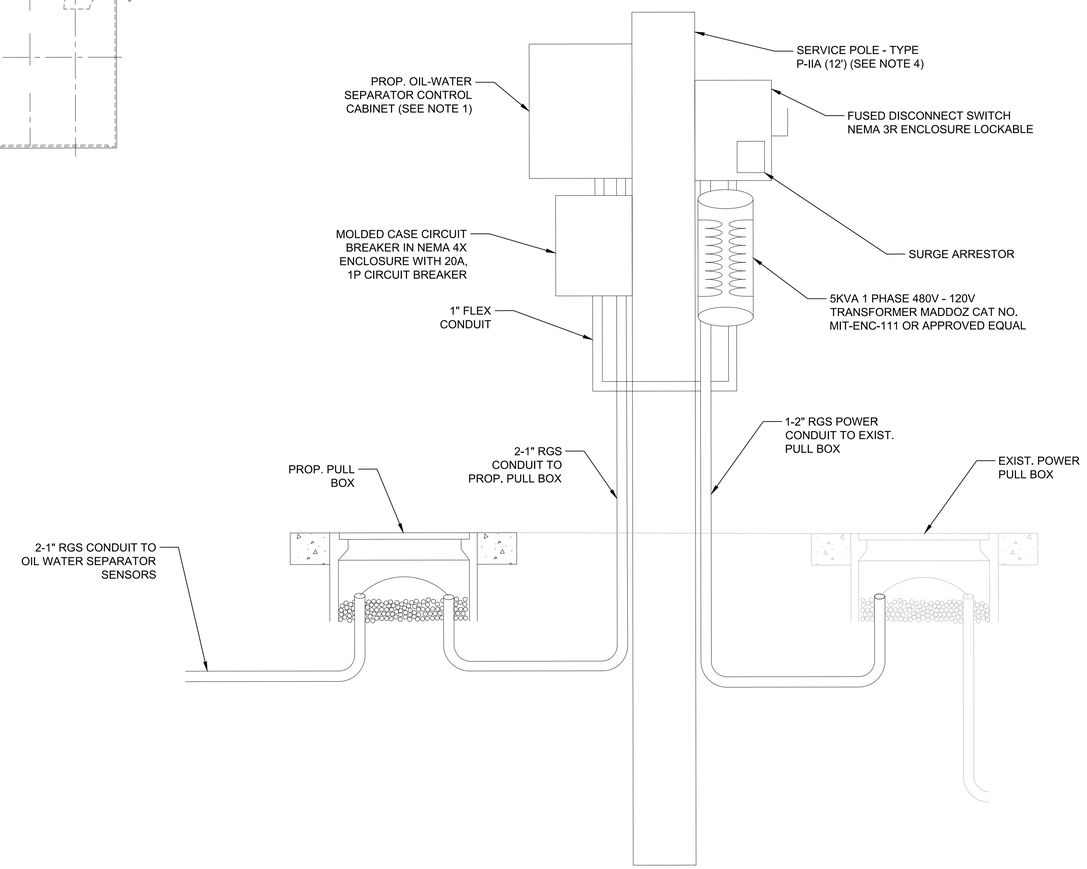
ENCLOSURE
(12"H x 10"W x 6"D)
NEMA 4X FIBERGLASS

NOTES:
1. CONTROL PANEL MUST BE SUITABLE FOR INTRINSICALLY SAFE CIRCUIT EXTENSION FOR USE IN CLASS I, DIVISION 2 HAZARDOUS SPACE.
2. CONTROL PANEL MUST COME EQUIPPED WITH A STROBE LIGHT THAT ILLUMINATES WHEN AN ALARM IS TRIGGERED.
3. 3. COST OF CONTROL PANEL IS INCIDENTAL TO ITEM D-755-5.1.

2 OIL WATER SEPARATOR CABINET DETAILS
N.T.S.

GENERAL NOTES:

1. CABINET SHALL BE NEMA 4X FIBERGLASS MEASURING 12"H X 10"W X 6"D. SHALL BE HIGHLAND TANK OR APPROVED EQUAL. CONFIRM WITH OIL-WATER SEPARATOR MANUFACTURER.
2. 1-1" RIGID GALVANIZED STEEL (RGS) CONDUIT WILL CONTAIN CONDUCTORS FOR LEAK SENSOR AND 1-1" RGS CONDUIT WILL CONTAIN CONDUCTORS FOR FLOAT SENSORS. CONDUCTORS SHALL MEET THE FOLLOWING REQUIREMENTS.
   - 2.1. #22 AWG 7/30 STRANDED TINNED COPPER
   - 2.2. INSULATION SHALL BE SEMI-RIGID PVC, 0.010" NOM. WALL THICKNESS
   - 2.3. JACKET SHALL BE PVC, 0.032" NOM. WALL THICKNESS
   - 2.4. NEC (UL) TYPE CM
   - 2.5. UL AWM STYLE 2464
   - 2.6. CSA AWM FT4
   - 2.7. UL VW-1 FLAME TEST
3. LEAK SENSOR CONDUCTOR SHALL BE TWO (2) COLOR CODED SINGLE CONDUCTORS TWISTED TOGETHER WITH A LEFT HAND LAY. FLOAT SENSOR CONDUCTORS SHALL BE FOUR (4) INSULATED CONDUCTORS TWISTED TOGETHER WITH A 2" LAY TO FORM A CABLE CORE. CONTRACTOR SHALL SPLICE PROPOSED CONDUCTORS TO MANUFACTURERS PROVIDED CONDUCTORS AT THE SENSOR LOCATIONS.
4. PROVIDE TYPE P-IIA SERVICE POLE IN ACCORDANCE WITH FDOT STANDARD PLANS 641-010 AND FDOT SPECIFICATIONS SECTION 641.
5. SEALOFFS SHALL BE PROVIDED AT OR BEYOND THE CLASS AND DIV SHOWN ON THE DRAWING FOR ALL EQUIPMENT ENTERING THE VALVE VAULT. SEALOFFS SHALL BE PROVIDED AT THE MANWAYS LEAVING THE OIL-WATER SEPARATOR.



3 OIL WATER SEPARATOR CABINET MOUNTING DETAILS
N.T.S.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
CORY T. BEARD
FL PE NO.: 87528
DATE:

ISSUE DATE: 11/22/2024
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DORAL, FL 33166
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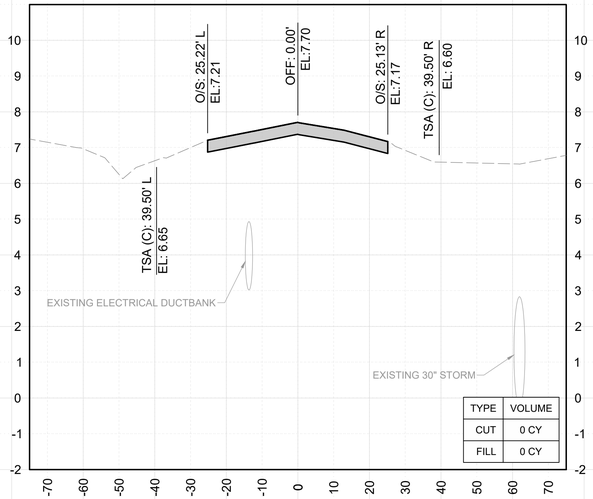
OIL WATER SEPARATOR DETAILS

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
T-411

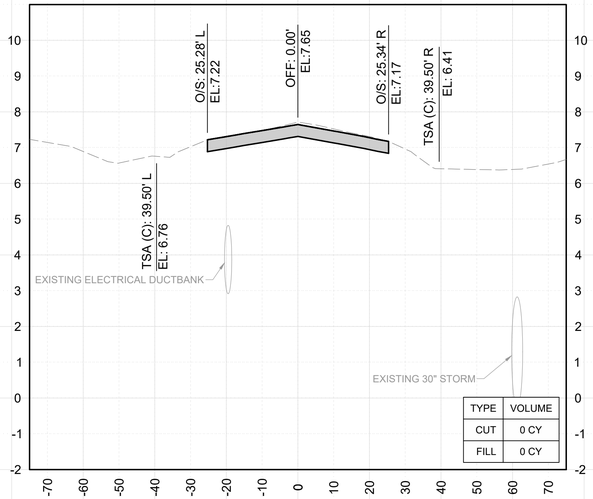
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PLOT DATE: 2025/05/21 AT 12:53 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

400+34.22



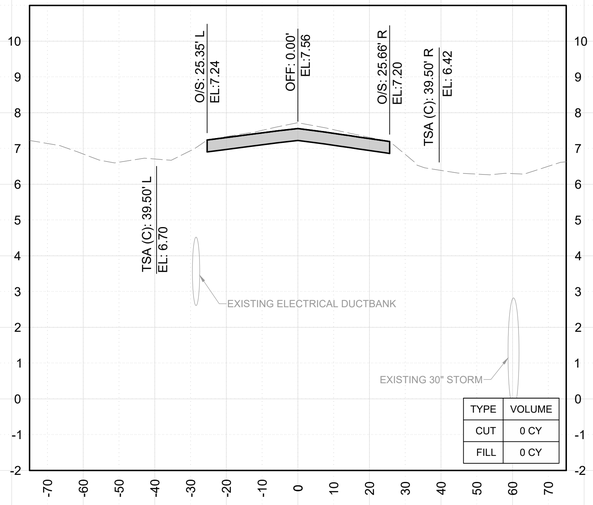
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FILL	0 CY

400+50.00



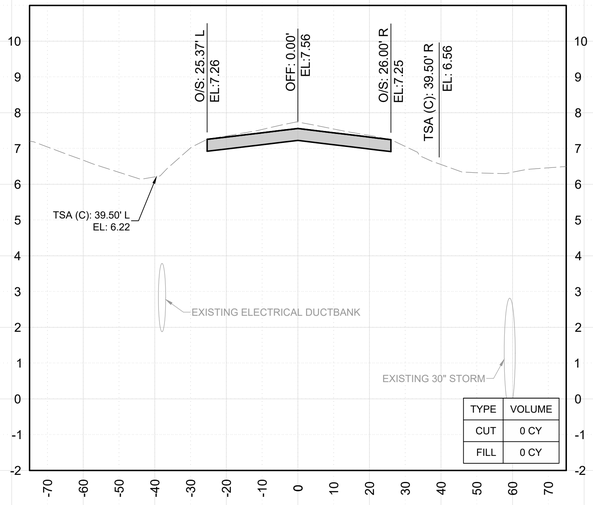
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FILL	0 CY

400+74.24



TYPE	VOLUME
CUT	0 CY
FILL	0 CY

401+00.00



TYPE	VOLUME
CUT	0 CY
FILL	0 CY

LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. CUT AND FILL QUANTITIES ARE MEASURED AND PAID AS DESCRIBED IN THE P-152 SPECIFICATION. CUT AND FILL QUANTITY SHOWN ARE FOR REFERENCE ONLY.
3. REFER TO GEOMETRY AND PAVING PLANS (SHEETS C-301 TO C-313) FOR ADDITIONAL INFORMATION ON PAVEMENT TYPES AND LIMITS.

20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

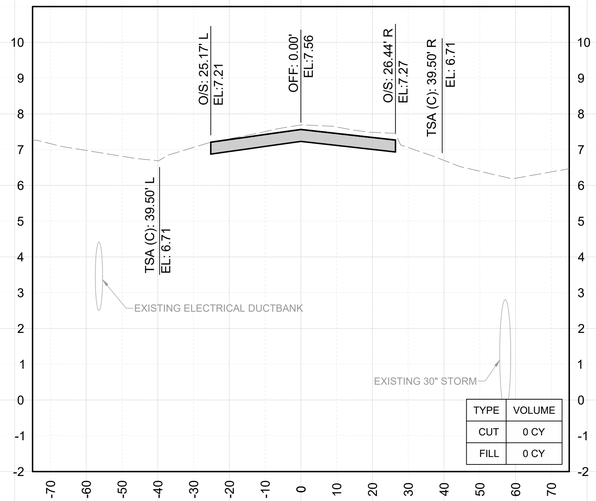
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-101

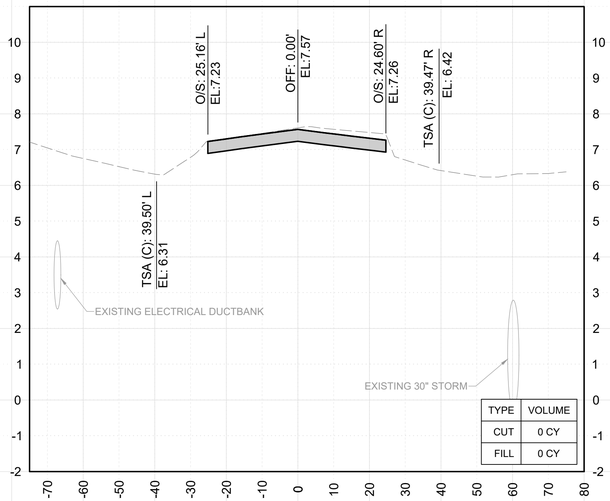
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PLOT DATE: 2025/03/27 AT 12:57 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

401+50.00



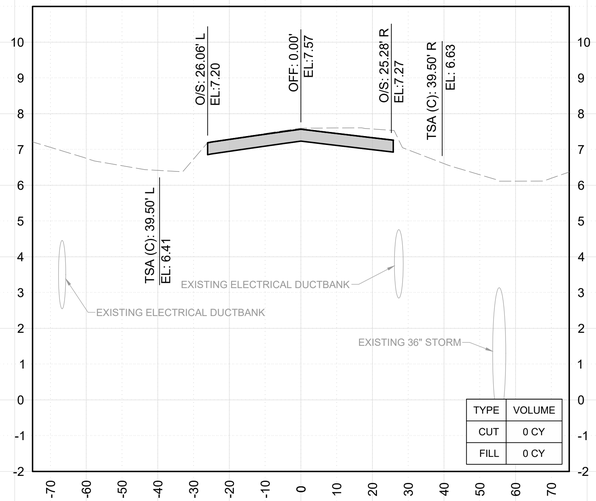
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FILL	0 CY

402+00.00



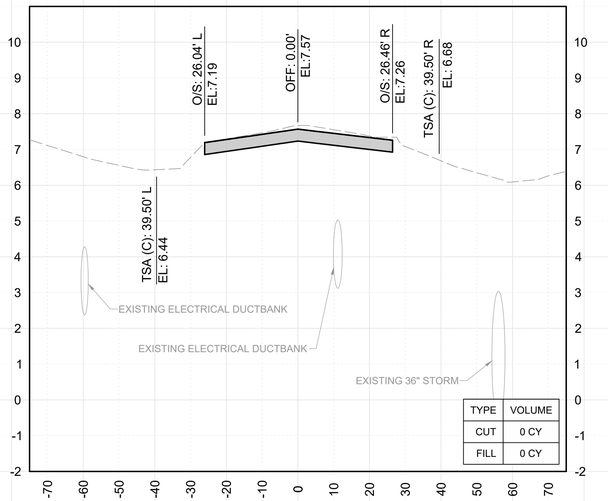
TYPE	VOLUME
CUT	0 CY
FILL	0 CY

402+30.12



TYPE	VOLUME
CUT	0 CY
FILL	0 CY

402+50.00



TYPE	VOLUME
CUT	0 CY
FILL	0 CY

LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. CUT AND FILL QUANTITIES ARE MEASURED AND PAID AS DESCRIBED IN THE P-152 SPECIFICATION. CUT AND FILL QUANTITY SHOWN ARE FOR REFERENCE ONLY.
3. REFER TO GEOMETRY AND PAVING PLANS (SHEETS C-301 TO C-313) FOR ADDITIONAL INFORMATION ON PAVEMENT TYPES AND LIMITS.

GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

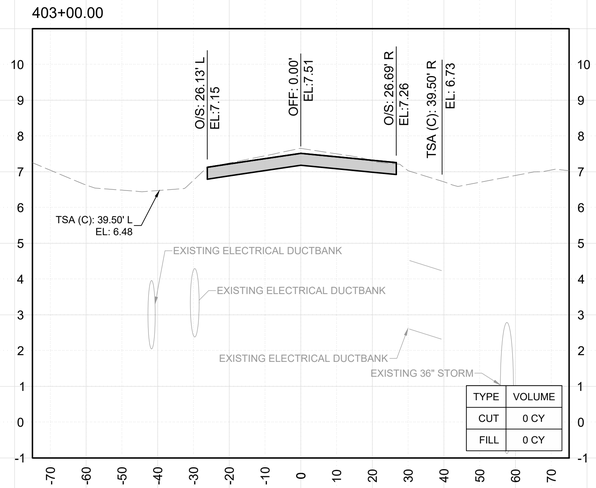
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

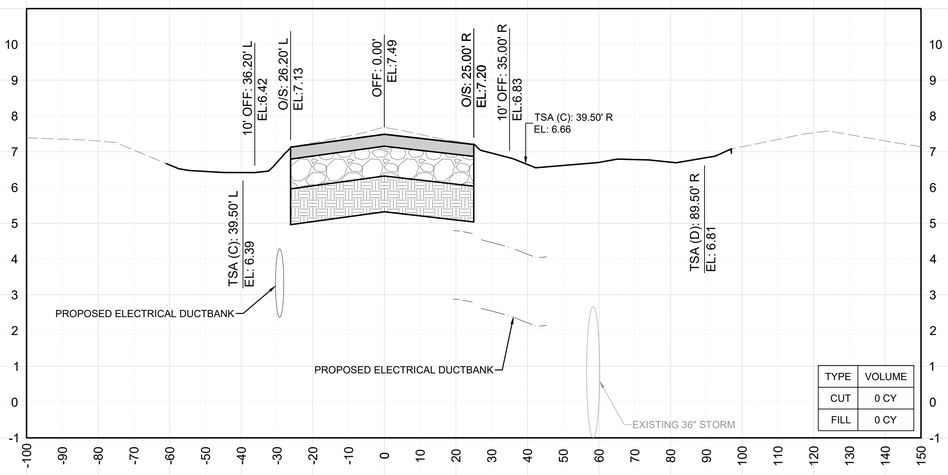
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-102

FILENAME: C:\PWWORKING\EAST01\D312362610365381X-101.DWG
PLOT DATE: 2025/03/27 AT 12:58 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY: R. DOSSANI	ISSUE DATE: 11/22/2024
DRAWN BY: S. TOLLETTE	PROJECT PHASE: BID DOCUMENTS
CHECKED BY: W. BOWDOIN	
SUBMITTED BY: R. DOSSANI	

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

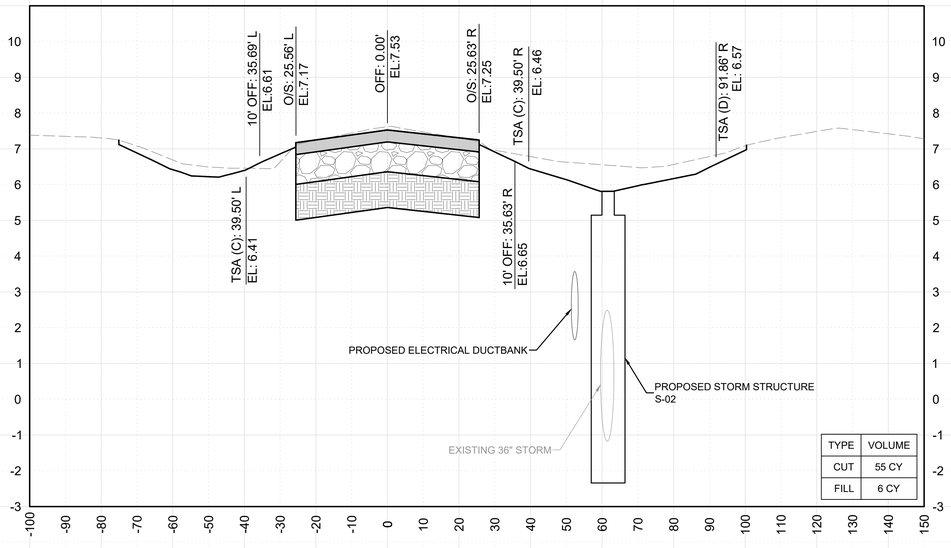
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-103

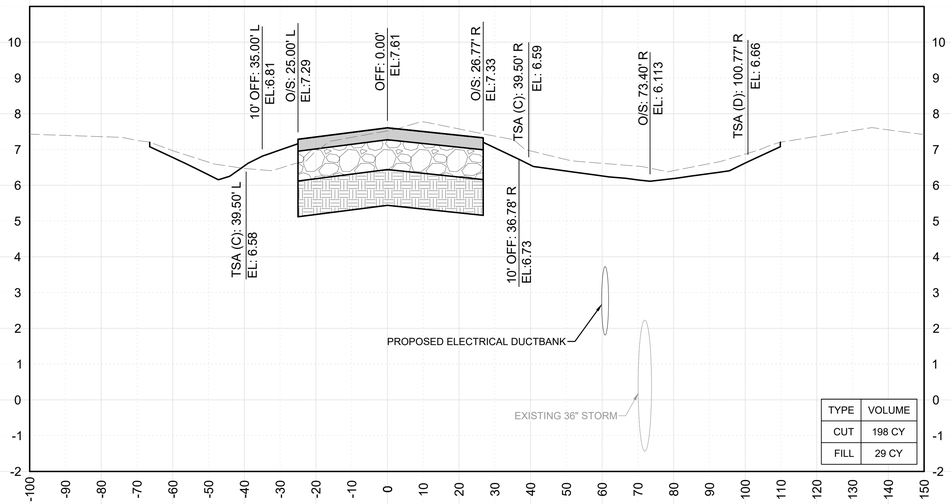
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PLOT DATE: 2025/03/27 AT 12:58 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

403+50.00



TYPE	VOLUME
CUT	55 CY
FILL	6 CY

404+00.00



TYPE	VOLUME
CUT	198 CY
FILL	29 CY

LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. CUT AND FILL QUANTITIES ARE MEASURED AND PAID AS DESCRIBED IN THE P-152 SPECIFICATION. CUT AND FILL QUANTITY SHOWN ARE FOR REFERENCE ONLY.
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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

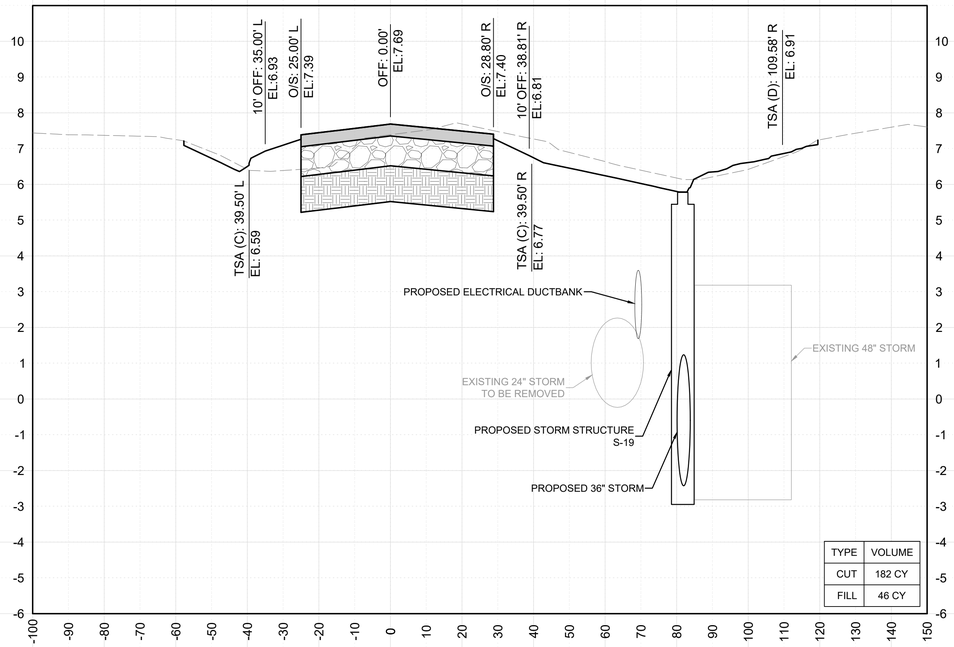
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-104

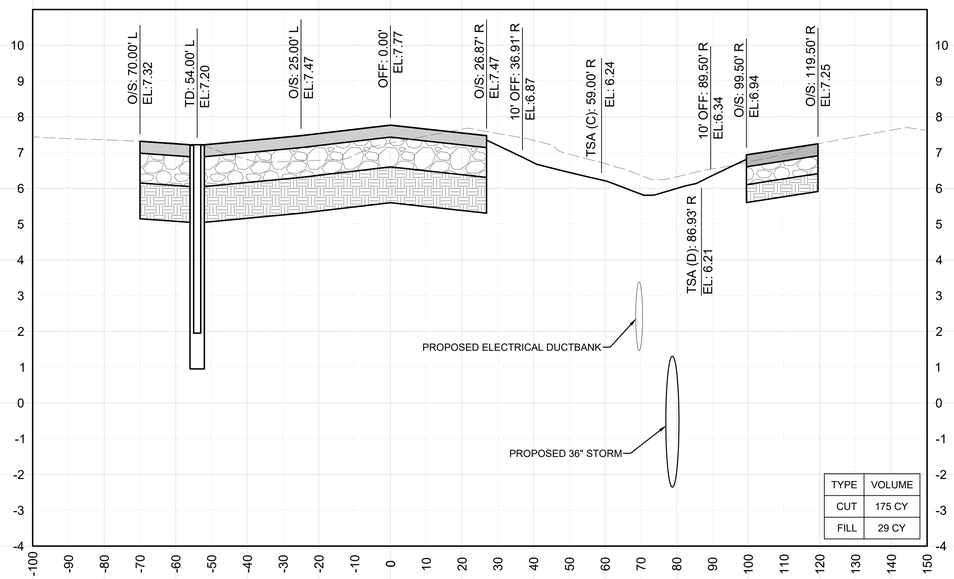
FILENAME: C:\PWWORKING\EAST01\D3123626\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 12:58 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

404+50.00



TYPE	VOLUME
CUT	182 CY
FILL	46 CY

405+00.00



TYPE	VOLUME
CUT	175 CY
FILL	29 CY

LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. CUT AND FILL QUANTITIES ARE MEASURED AND PAID AS DESCRIBED IN THE P-152 SPECIFICATION. CUT AND FILL QUANTITY SHOWN ARE FOR REFERENCE ONLY.
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GRAPHIC SCALE
(IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

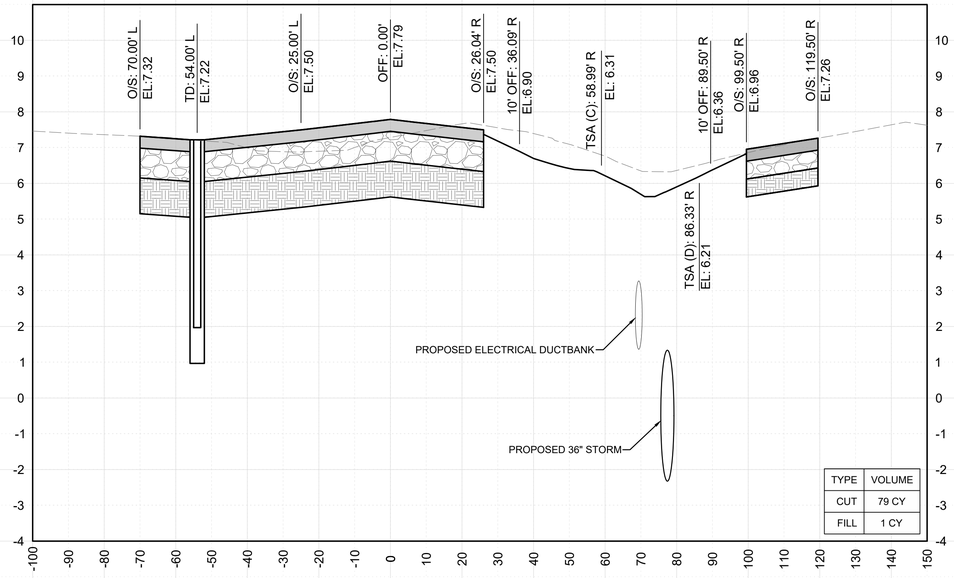
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

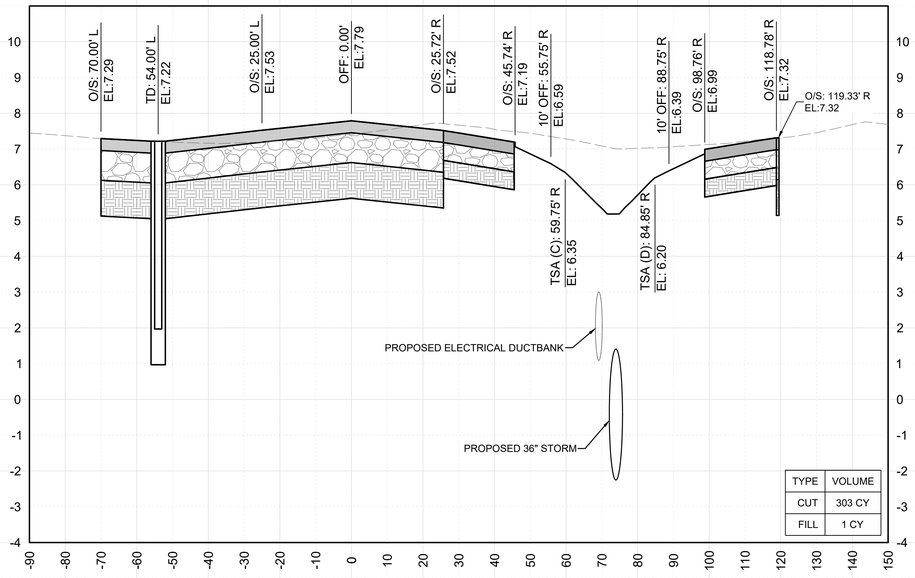
SHEET ID
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PLOT DATE: 2025/03/27 AT 12:58 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

405+14.36



405+50.00



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. CUT AND FILL QUANTITIES ARE MEASURED AND PAID AS DESCRIBED IN THE P-152 SPECIFICATION. CUT AND FILL QUANTITY SHOWN ARE FOR REFERENCE ONLY.
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GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

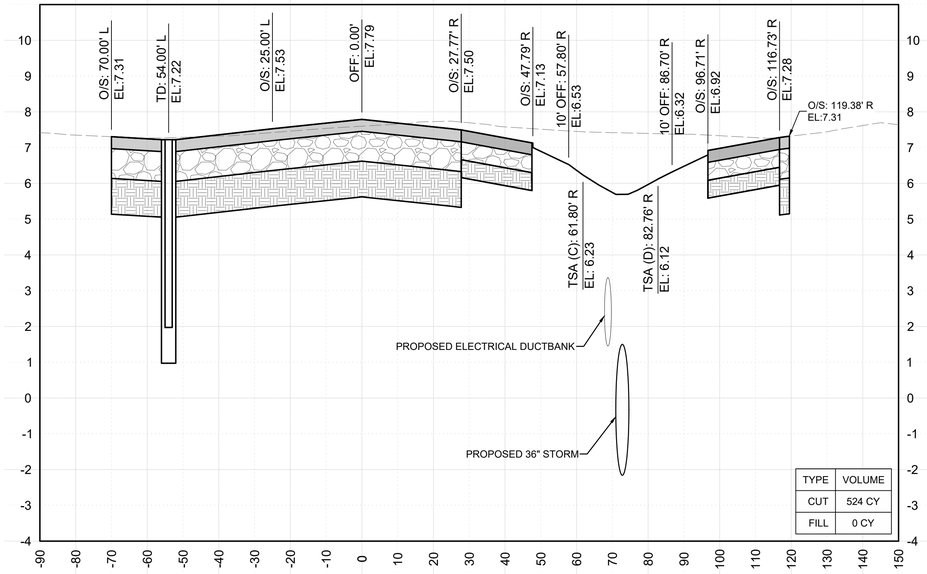
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-106

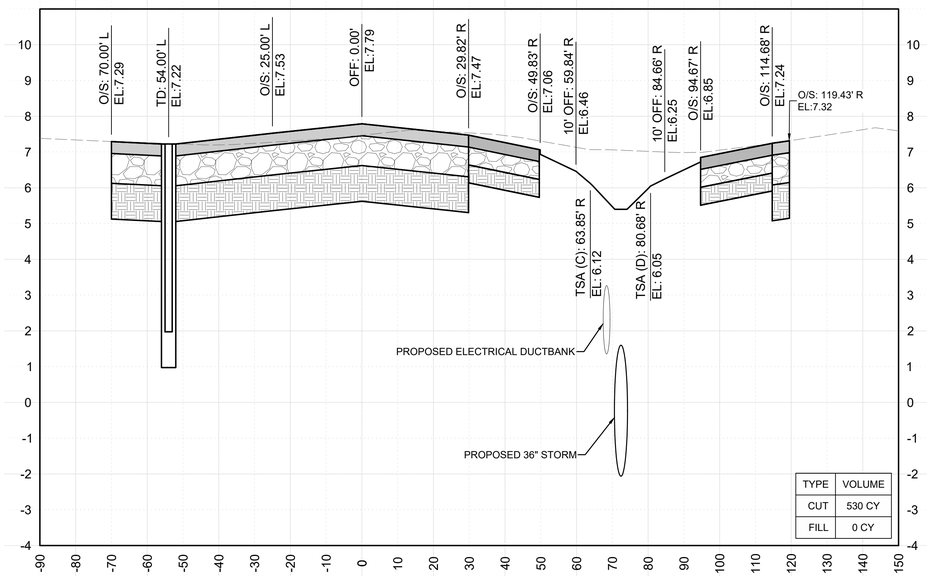
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PLOT DATE: 2025/03/27 AT 12:58 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

406+00.00



TYPE	VOLUME
CUT	524 CY
FILL	0 CY

406+50.00



TYPE	VOLUME
CUT	530 CY
FILL	0 CY

LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. CUT AND FILL QUANTITIES ARE MEASURED AND PAID AS DESCRIBED IN THE P-152 SPECIFICATION. CUT AND FILL QUANTITY SHOWN ARE FOR REFERENCE ONLY.
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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

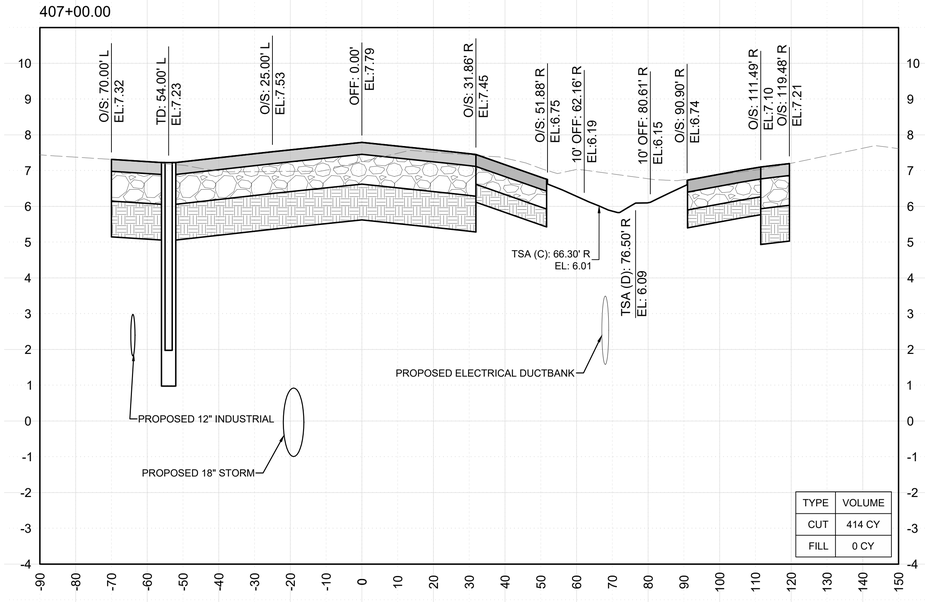
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

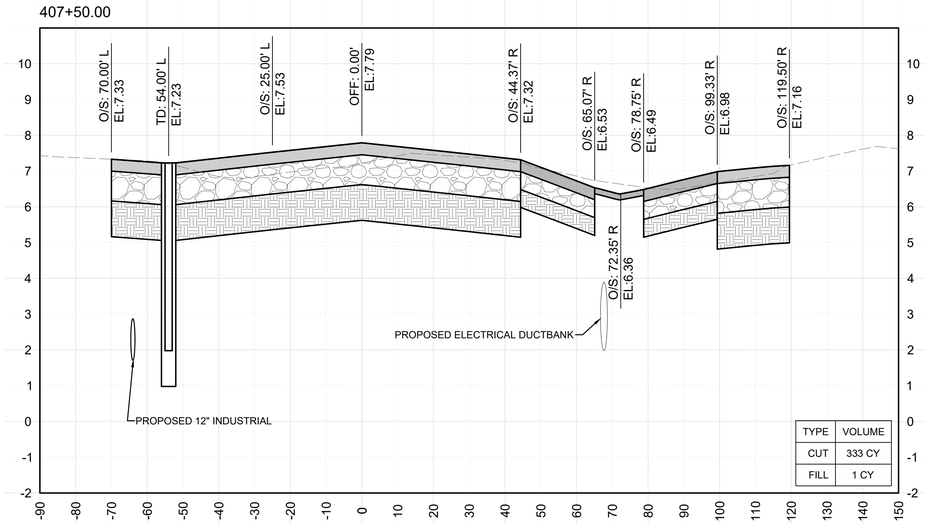
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-107

FILENAME: C:\PWWORKING\EAST01\D3123426\103653681X-101.DWG
PLOT DATE: 2025/03/27 AT 12:58 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. CUT AND FILL QUANTITIES ARE MEASURED AND PAID AS DESCRIBED IN THE P-152 SPECIFICATION. CUT AND FILL QUANTITY SHOWN ARE FOR REFERENCE ONLY.
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GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI	CHECKED BY: W. BOWDOIN
DRAWN BY: S. TOLLETTE	SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

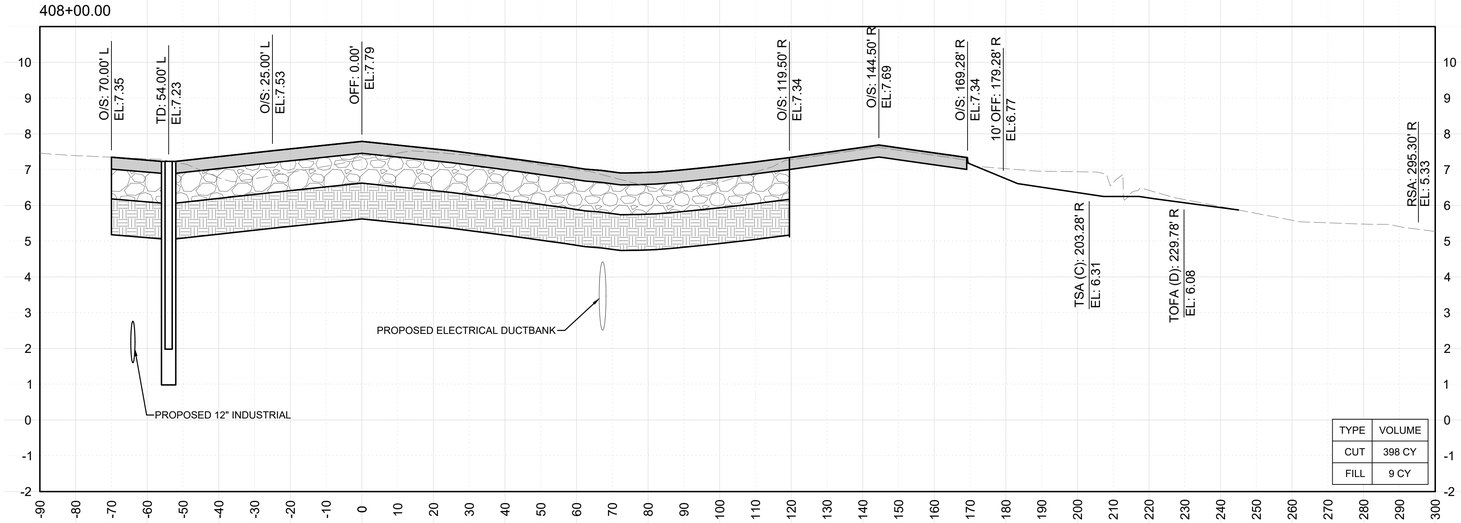
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

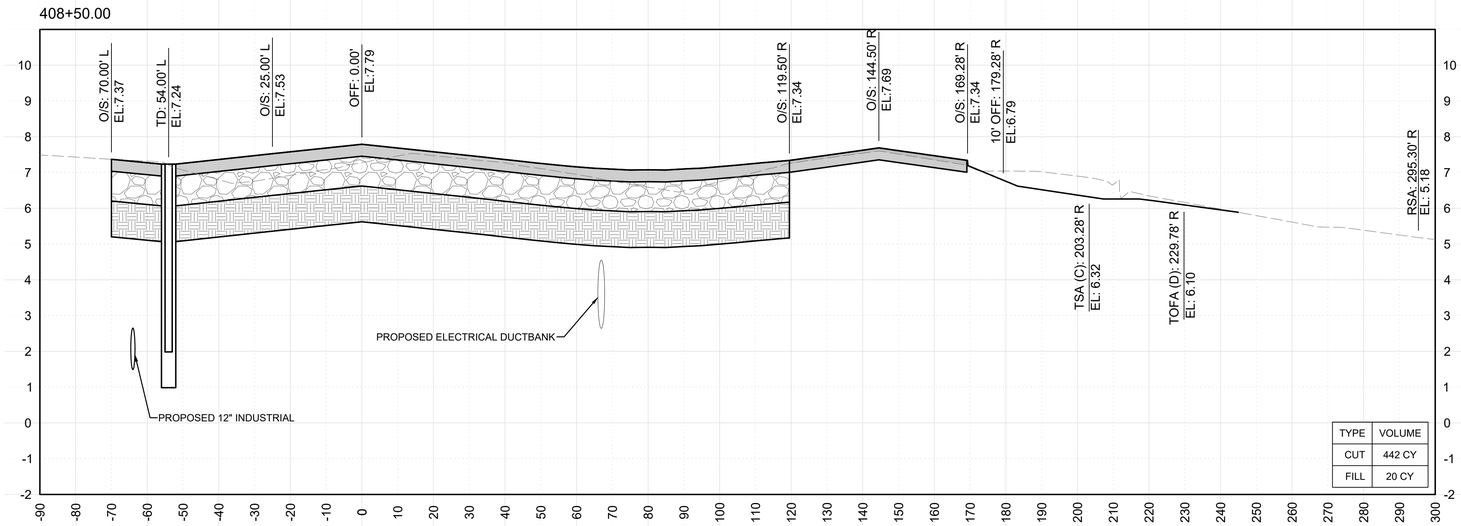
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-108

FILENAME: C:\PWWORKING\EAST01\D3123426\I10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 12:58 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. CUT AND FILL QUANTITIES ARE MEASURED AND PAID AS DESCRIBED IN THE P-152 SPECIFICATION. CUT AND FILL QUANTITY SHOWN ARE FOR REFERENCE ONLY.
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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	
11/22/2024	
PROJECT PHASE:	
BID DOCUMENTS	

DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
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MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

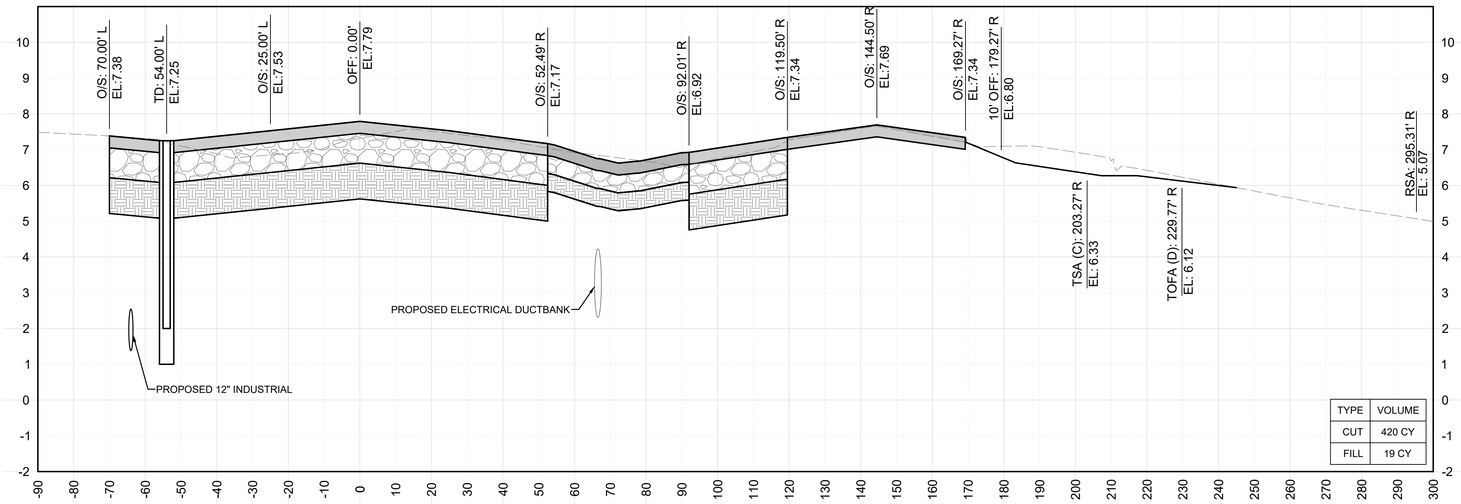
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-109

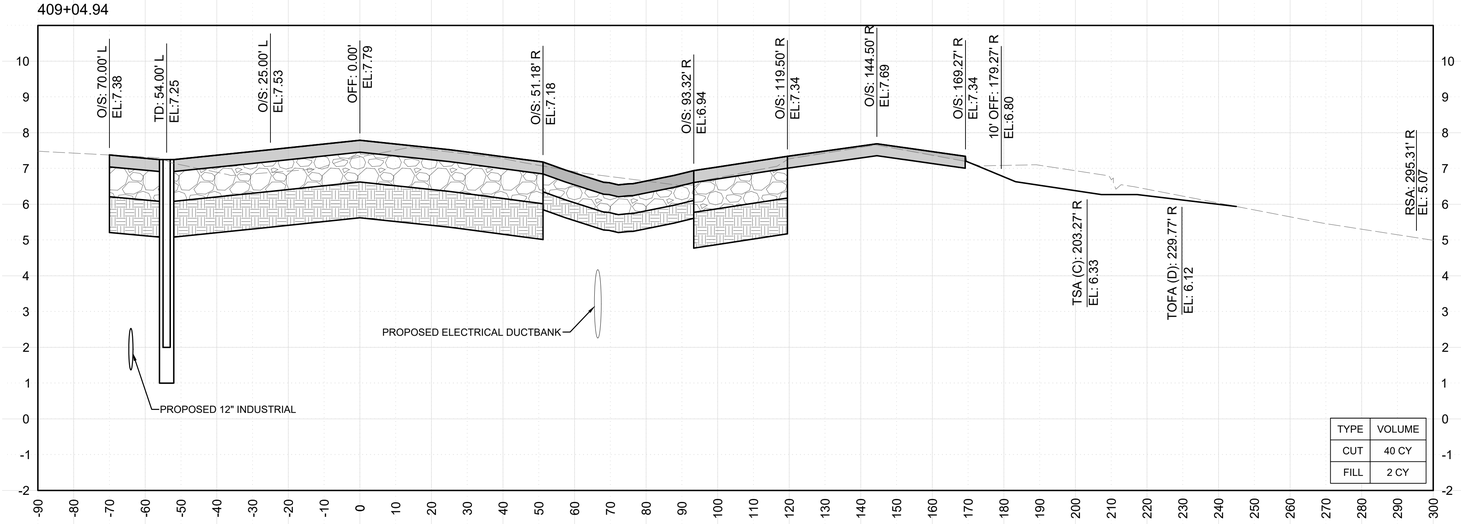
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PLOT DATE: 2025/03/27 AT 12:59 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

409+00.00



TYPE	VOLUME
CUT	420 CY
FILL	19 CY

409+04.94



TYPE	VOLUME
CUT	40 CY
FILL	2 CY

LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. CUT AND FILL QUANTITIES ARE MEASURED AND PAID AS DESCRIBED IN THE P-152 SPECIFICATION. CUT AND FILL QUANTITY SHOWN ARE FOR REFERENCE ONLY.
3. REFER TO GEOMETRY AND PAVING PLANS (SHEETS C-301 TO C-313) FOR ADDITIONAL INFORMATION ON PAVEMENT TYPES AND LIMITS.

20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024		
PROJECT PHASE: BID DOCUMENTS		
DESIGNED BY: R. DOSSANI	CHECKED BY: W. BOWDOIN	SUBMITTED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE		

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
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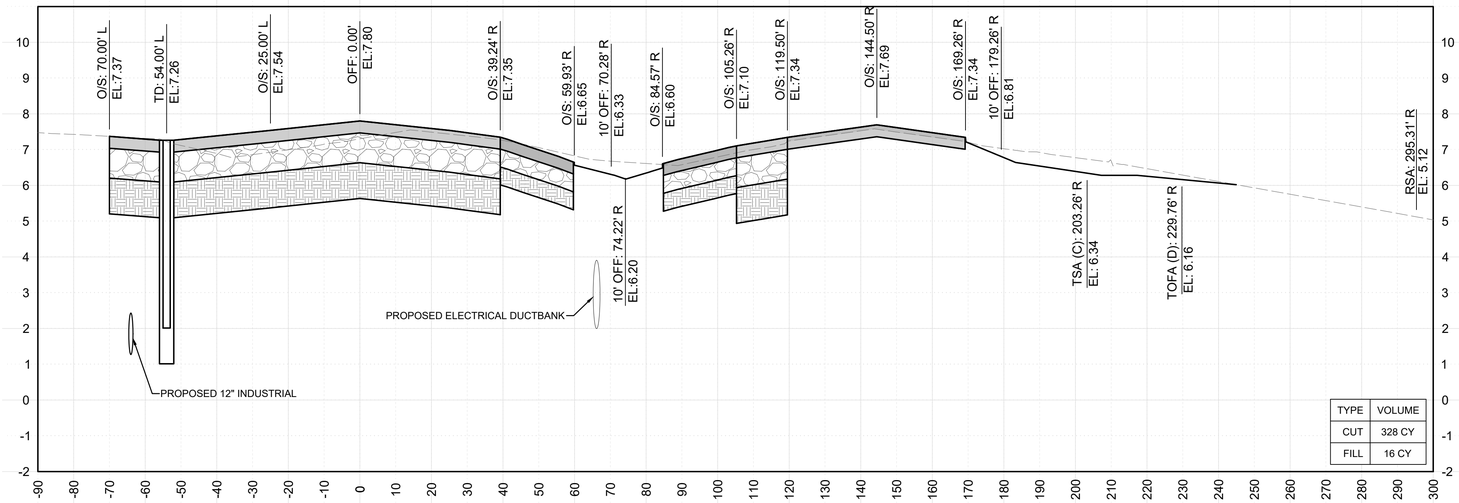
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-110

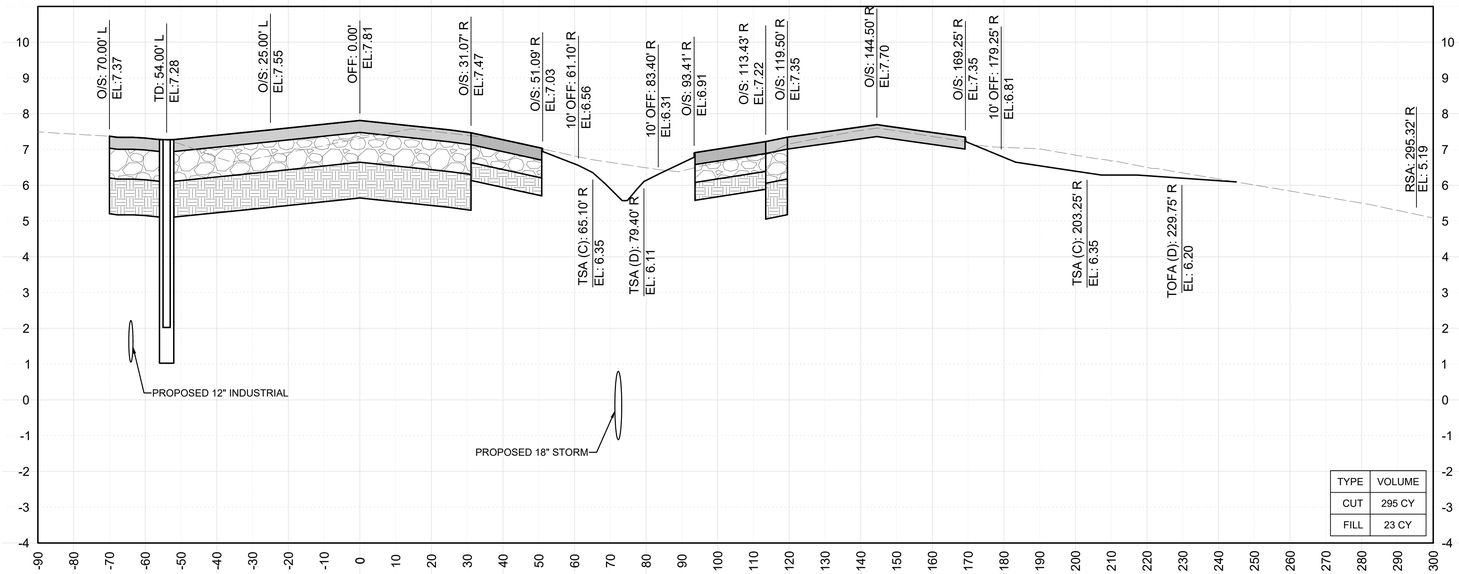
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PLOT DATE: 2025/03/27 AT 12:59 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

409+50.00



TYPE	VOLUME
CUT	328 CY
FILL	16 CY

410+00.00



TYPE	VOLUME
CUT	295 CY
FILL	23 CY

LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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20' 0' 20' 40'
GRAPHIC SCALE (IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

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CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

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P.O. BOX 025504
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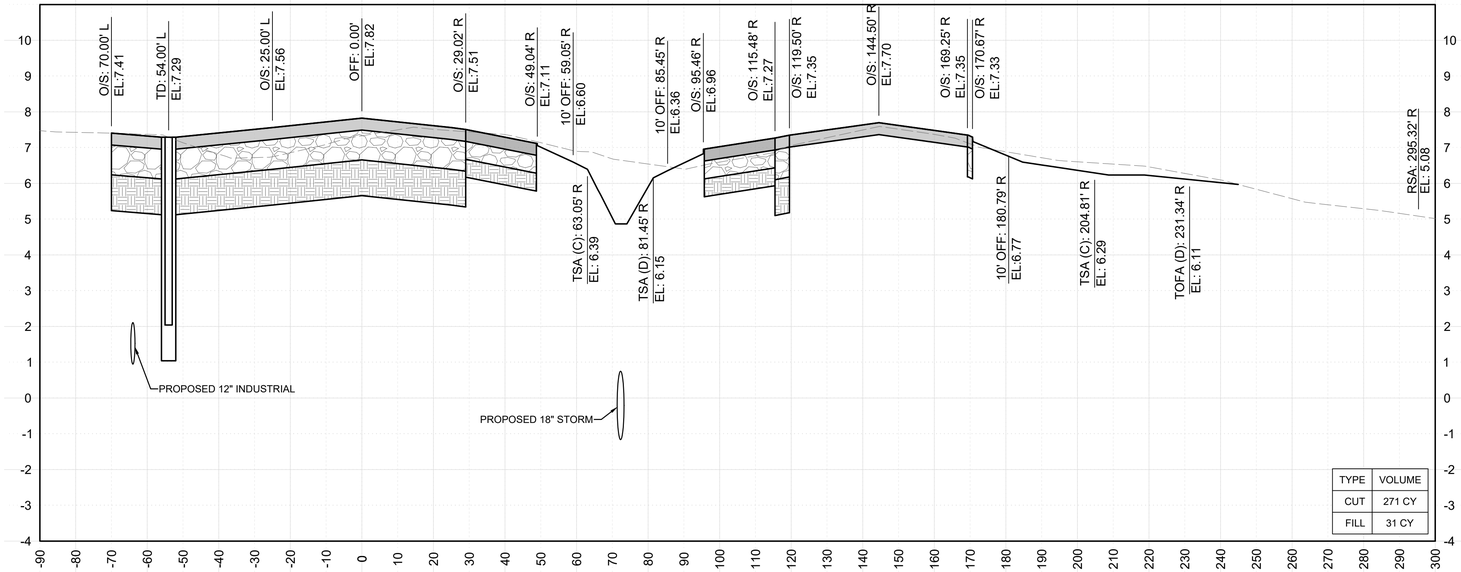
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

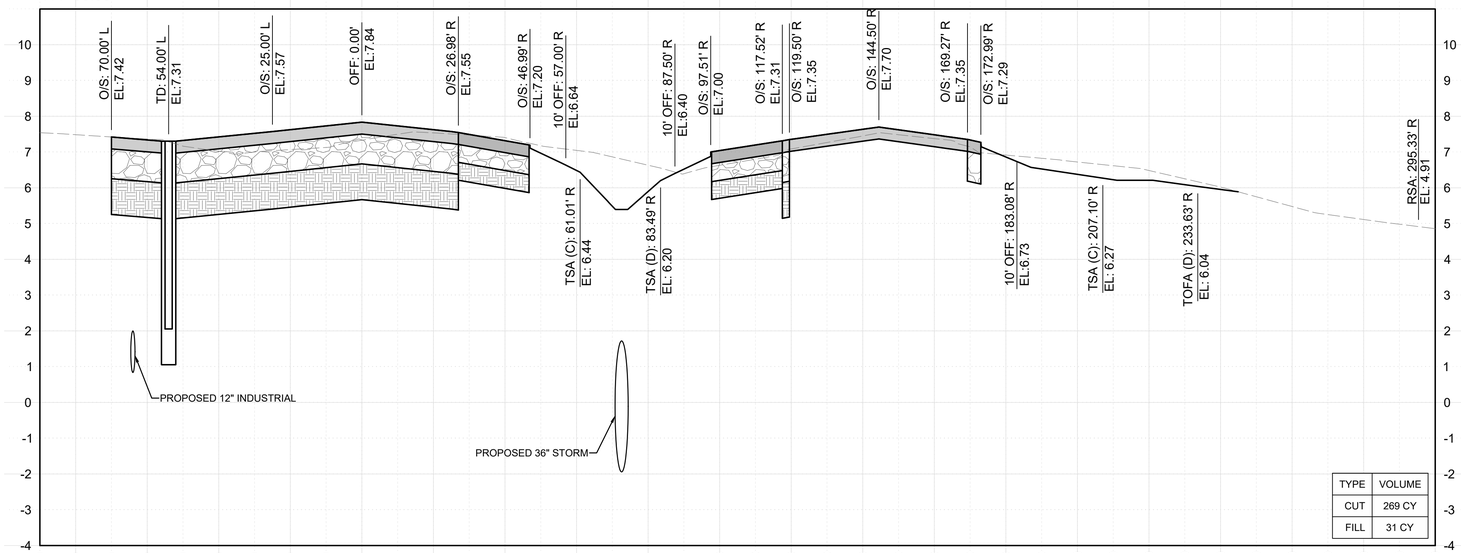
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PLOT DATE: 2025/03/27 AT 12:59 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

410+50.00



411+00.00



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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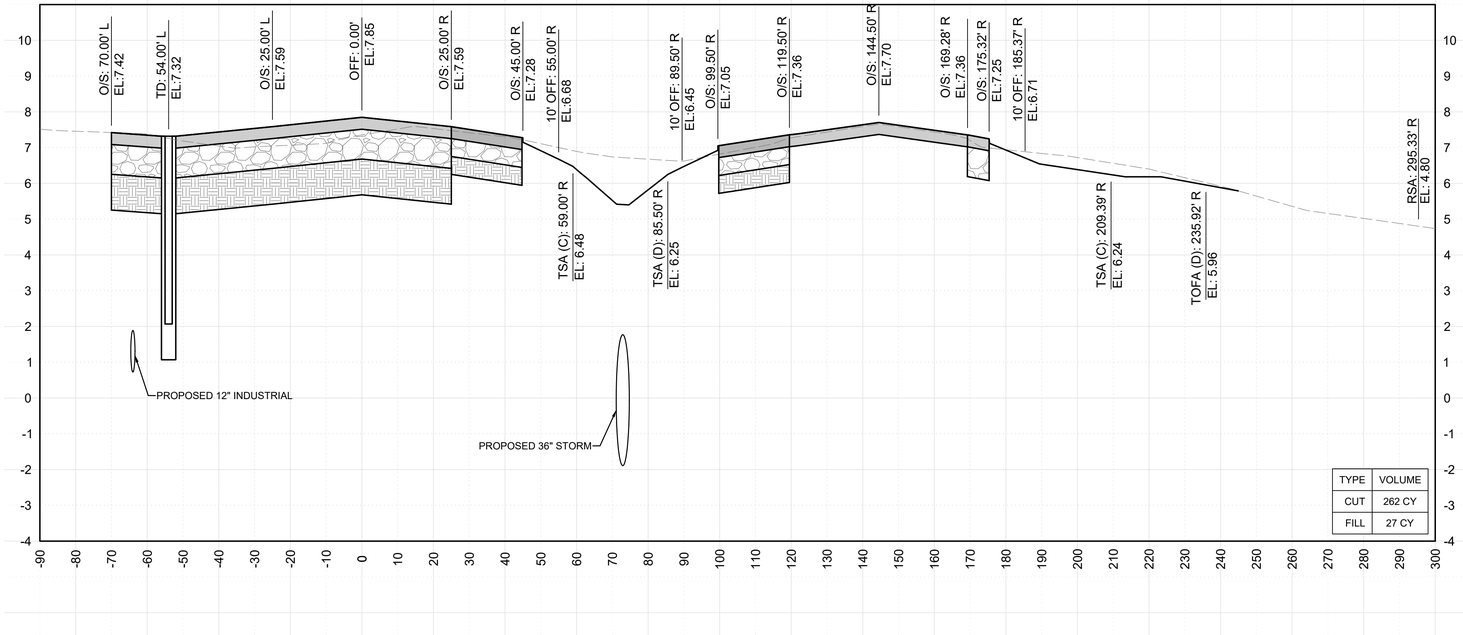
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-112

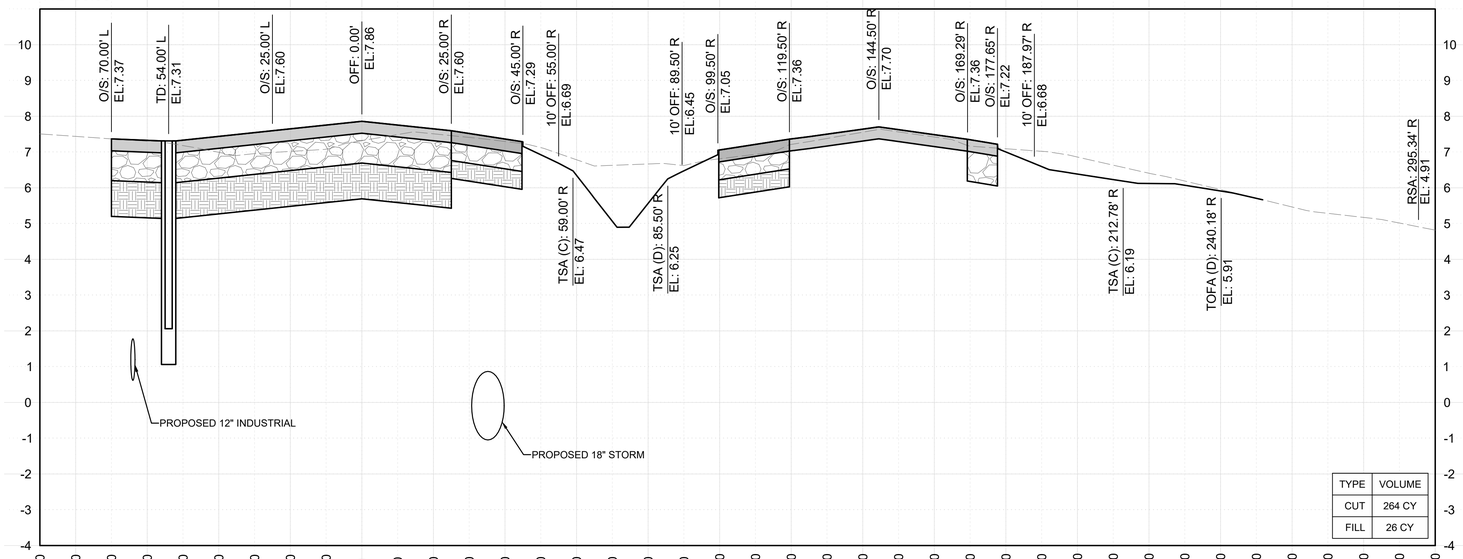
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PLOT DATE: 2025/03/27 AT 12:59 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

411+50.00



TYPE	VOLUME
CUT	262 CY
FILL	27 CY

412+00.00



TYPE	VOLUME
CUT	264 CY
FILL	26 CY

LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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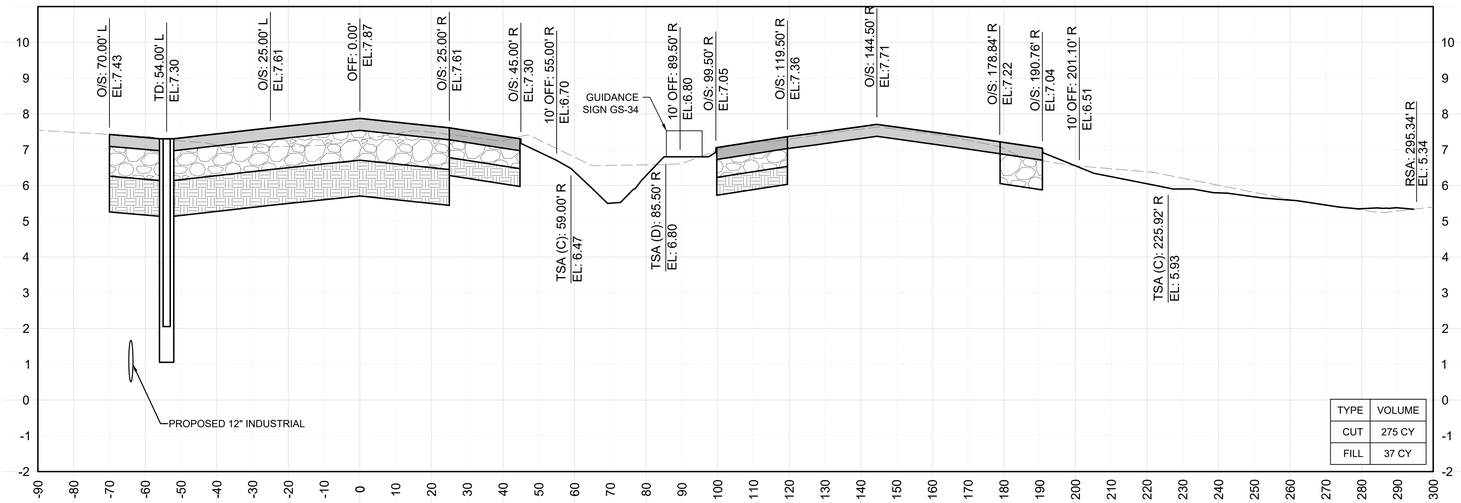
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

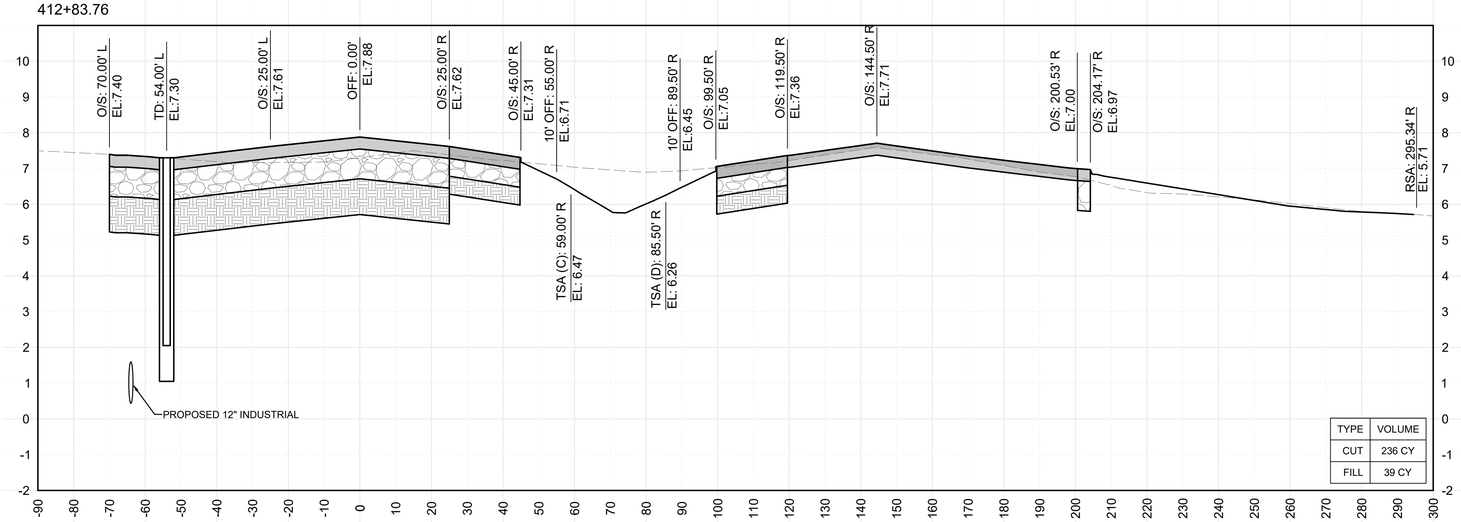
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PLOT DATE: 2025/03/27 AT 12:59 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

412+50.00



412+83.76



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

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DATE:

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DORAL, FL 33166
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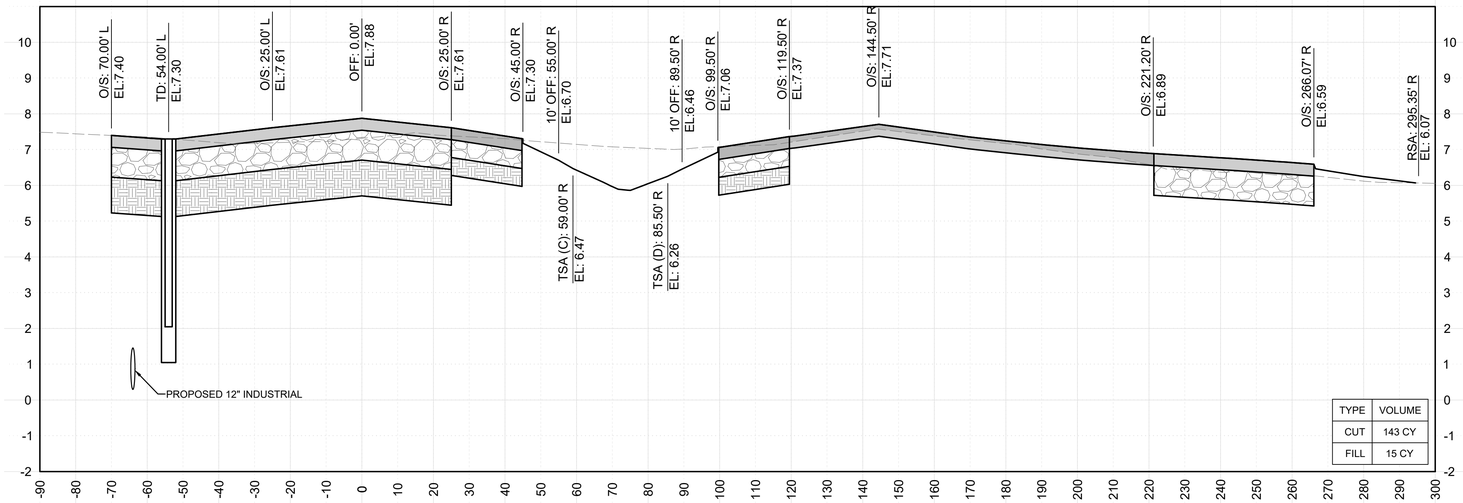
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

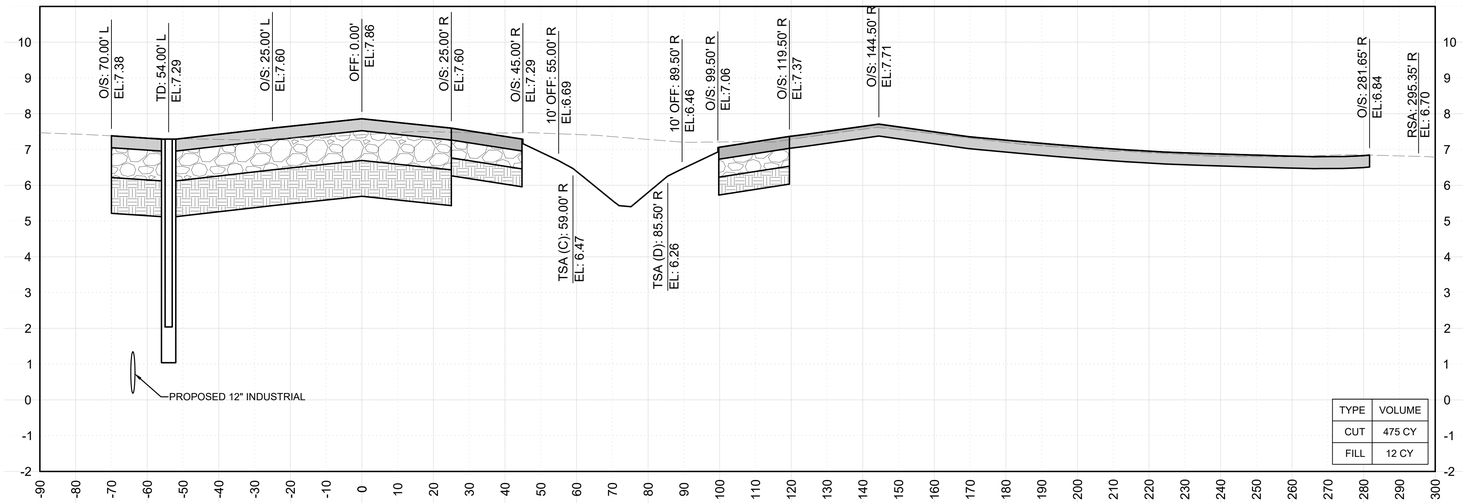
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PLOT DATE: 2025/03/27 AT 12:59 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

413+00.00



413+50.00



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

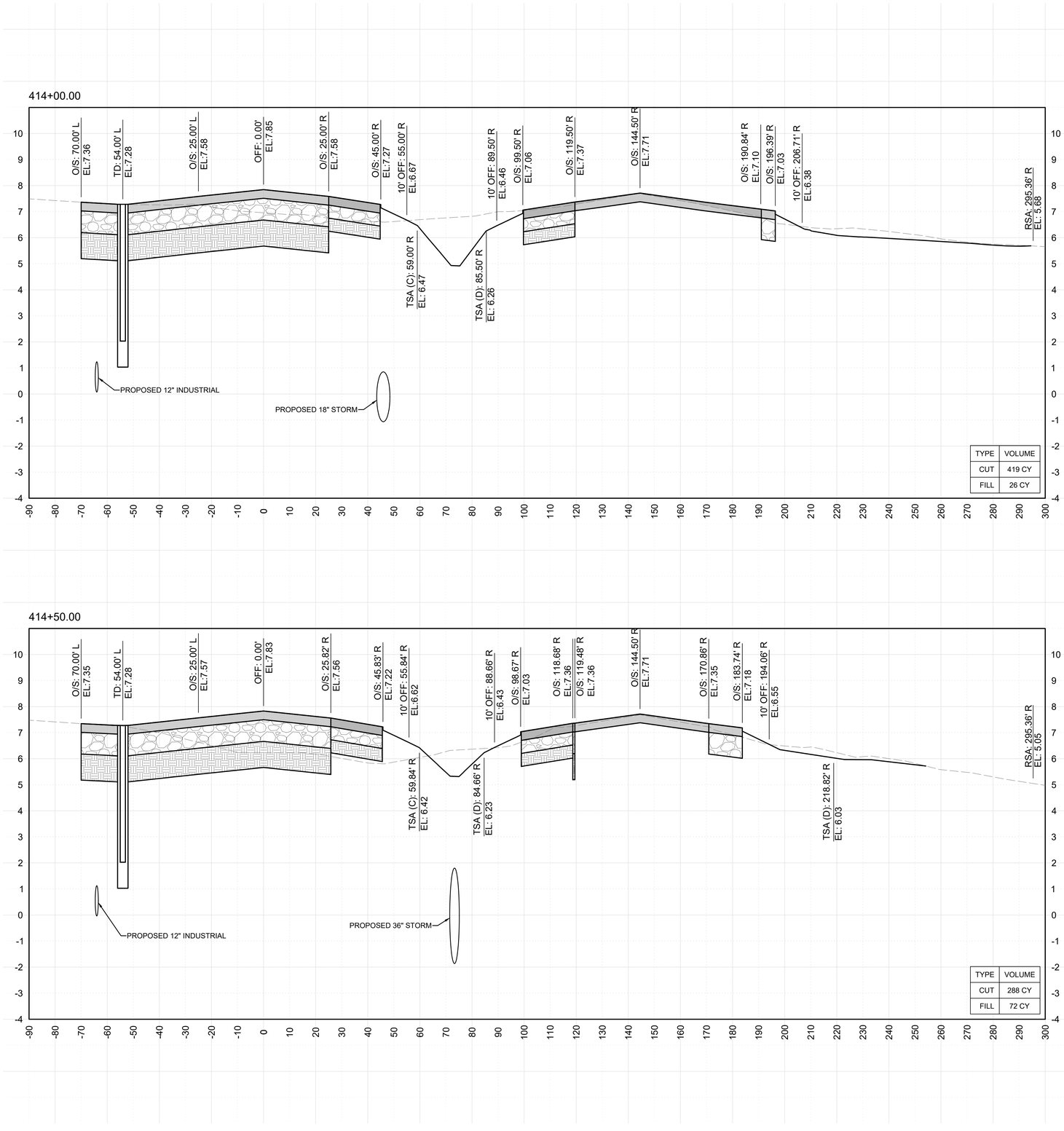
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
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PLOT DATE: 2025/03/27 AT 1:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
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SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

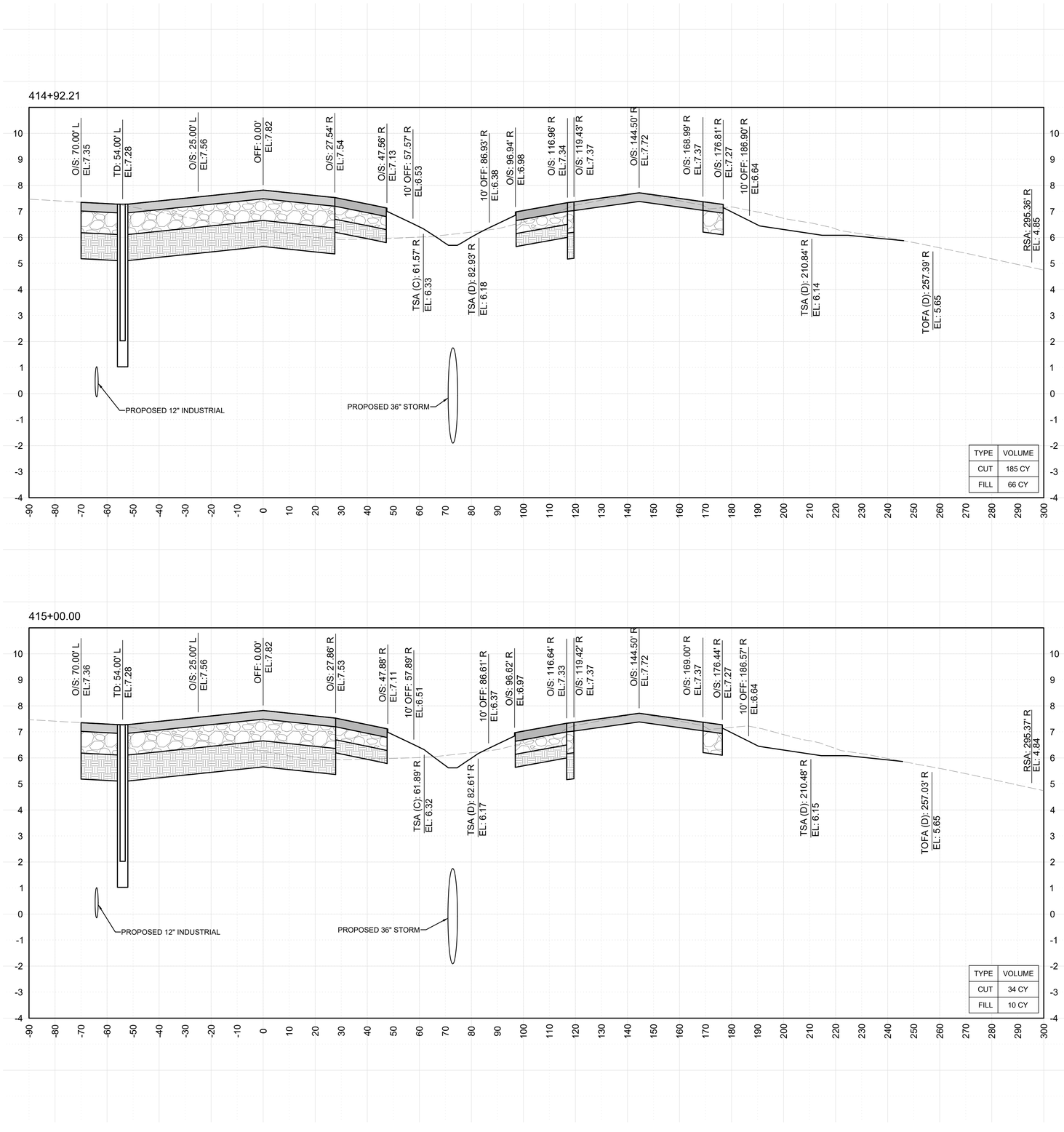
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
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CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-116

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PLOT DATE: 2025/03/27 AT 1:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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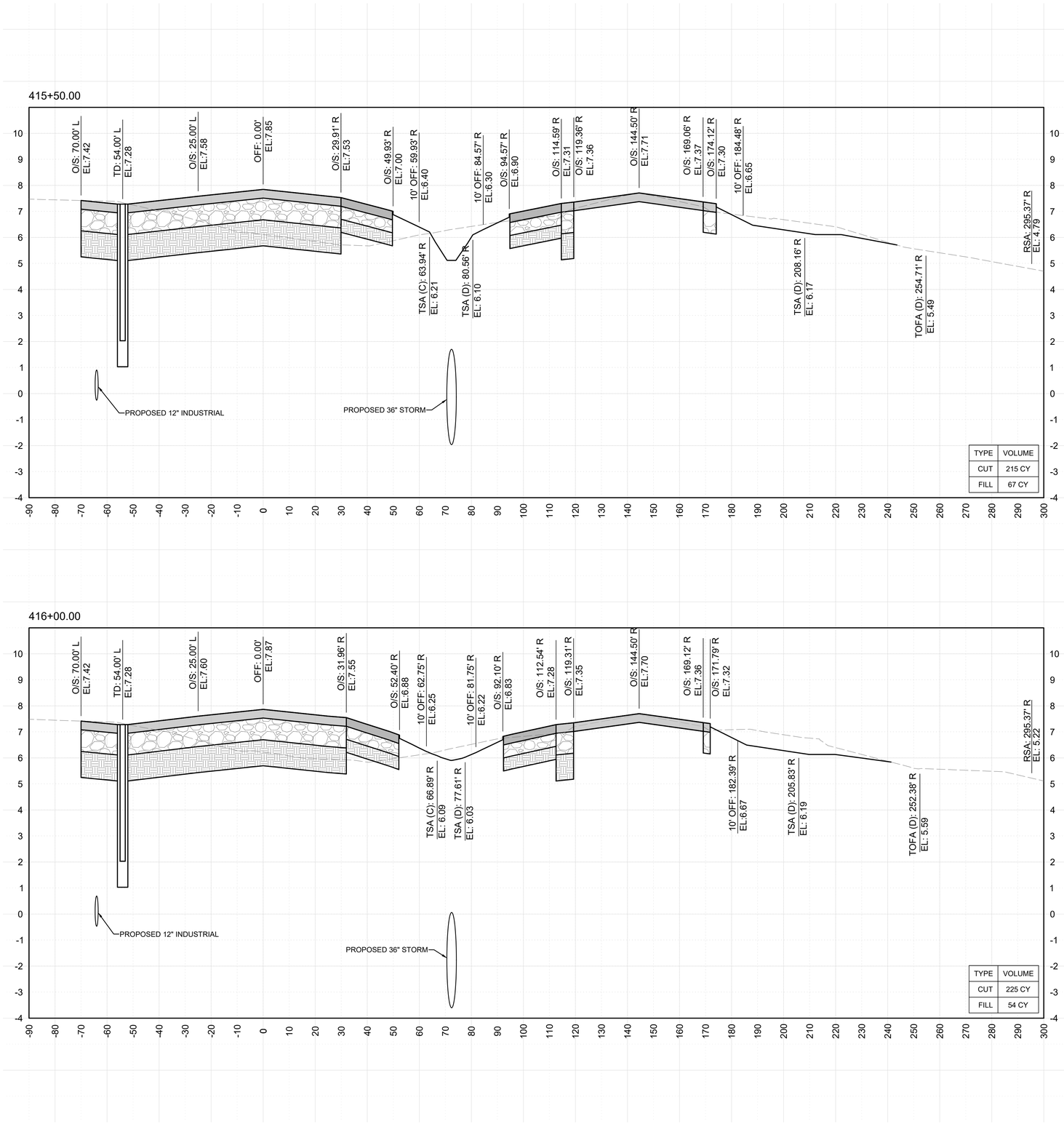
HDR ENGINEERING, INC.
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(305) 728-7452

CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-117

FILENAME: C:\PW\WORKING\EAST01\D3123620\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
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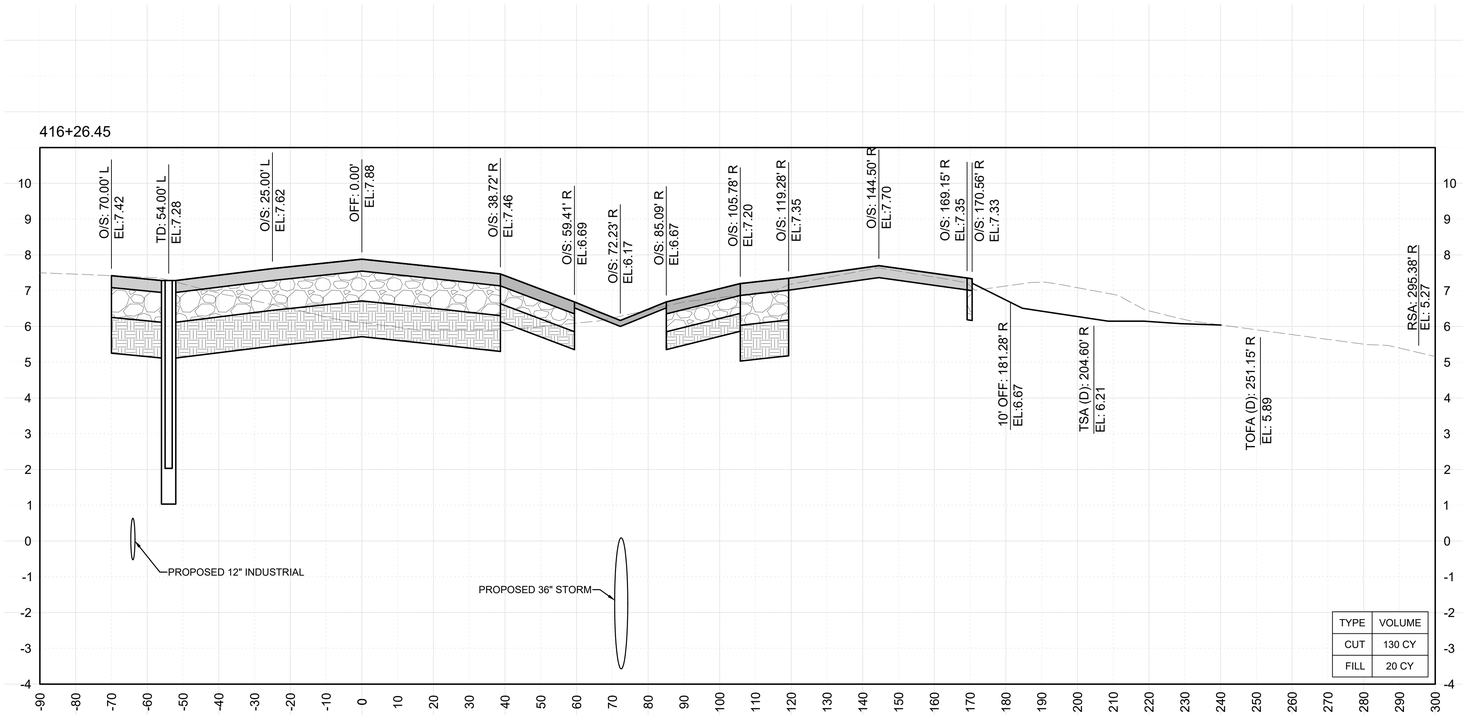
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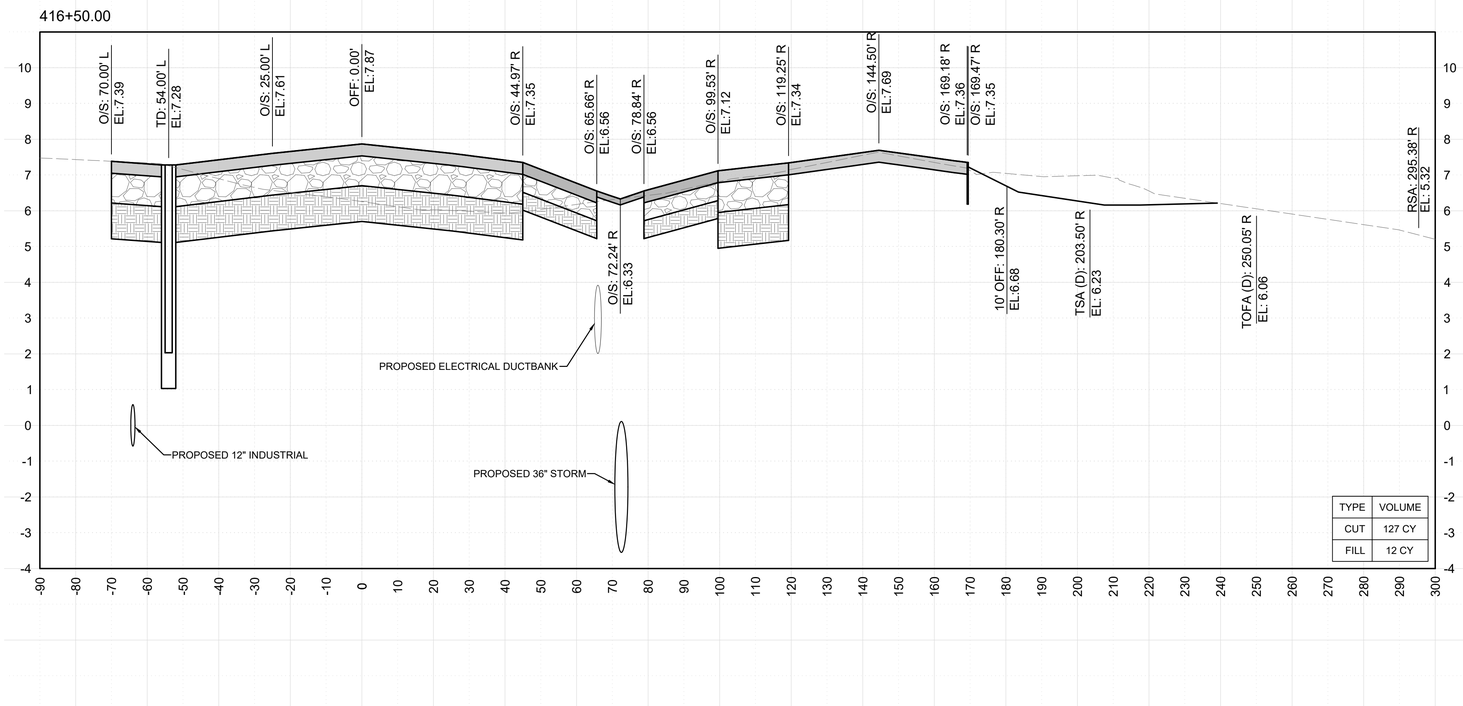
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-118

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PLOT DATE: 2025/03/27 AT 1:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
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GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

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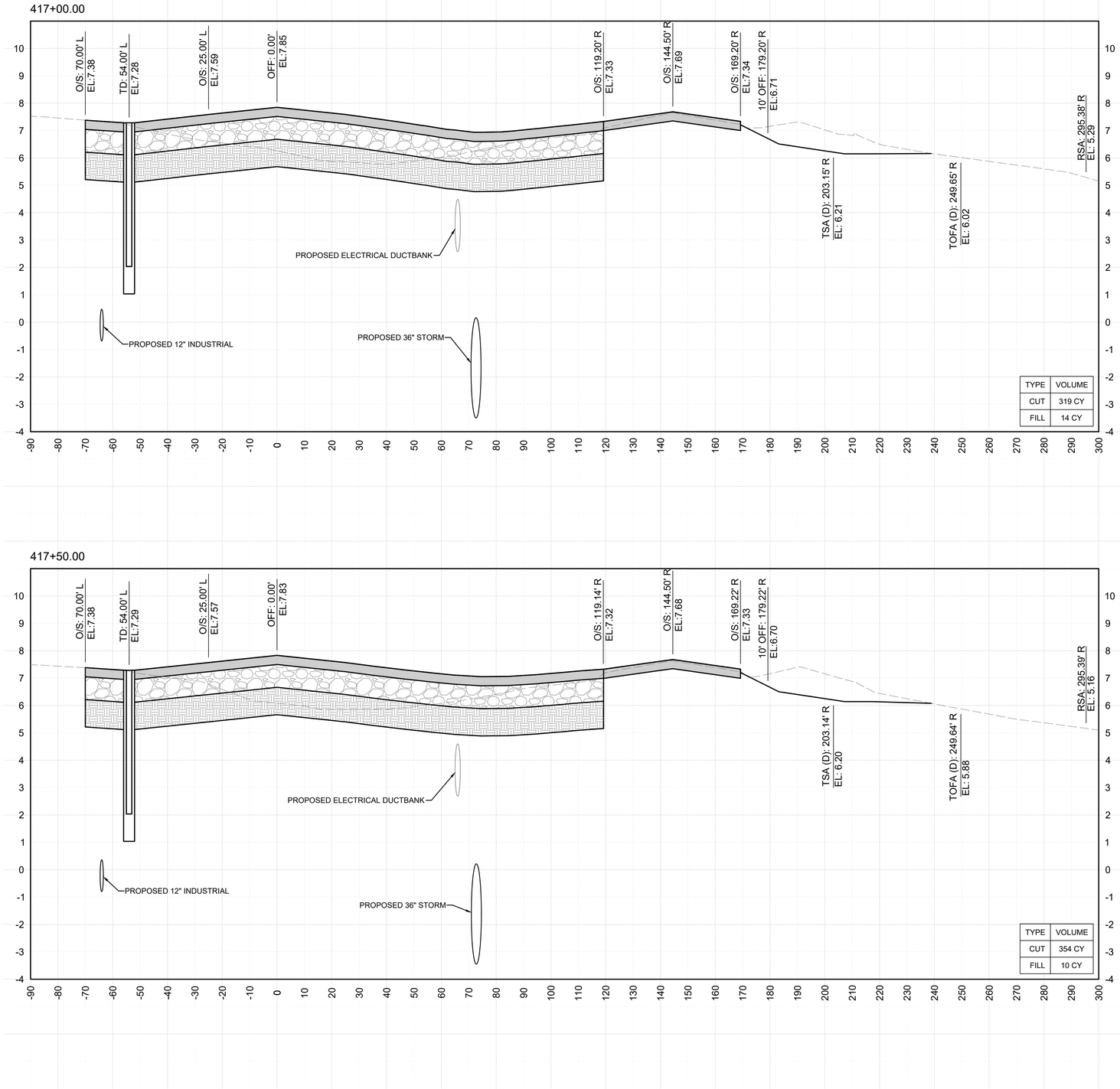
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-119

FILENAME: C:\PWWORKING\EAST01\D3123626\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. CUT AND FILL QUANTITIES ARE MEASURED AND PAID AS DESCRIBED IN THE P-152 SPECIFICATION. CUT AND FILL QUANTITY SHOWN ARE FOR REFERENCE ONLY.
3. REFER TO GEOMETRY AND PAVING PLANS (SHEETS C-301 TO C-313) FOR ADDITIONAL INFORMATION ON PAVEMENT TYPES AND LIMITS.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

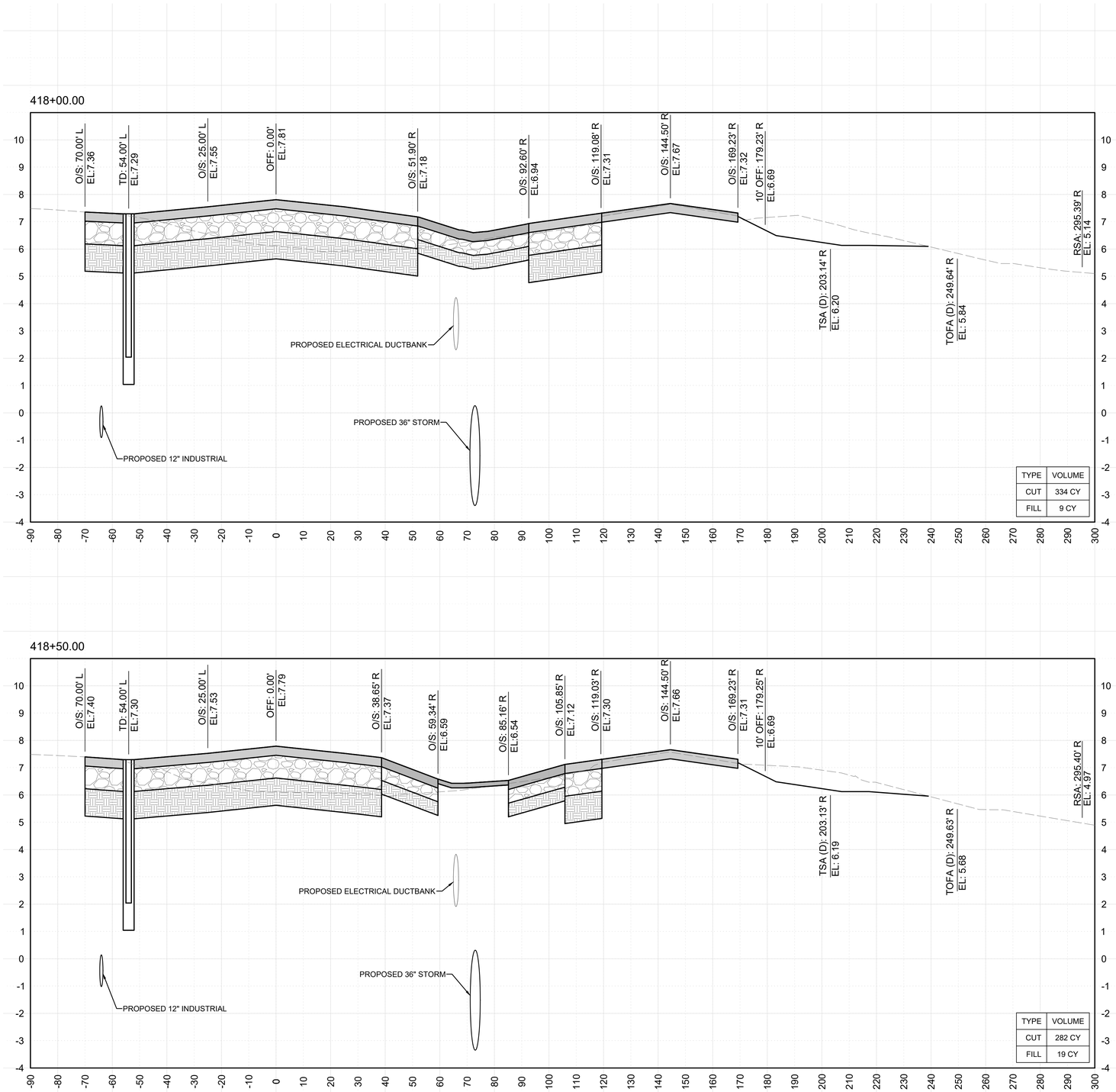
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-120

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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-	-	-

LICENSED PROFESSIONAL

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FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

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DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

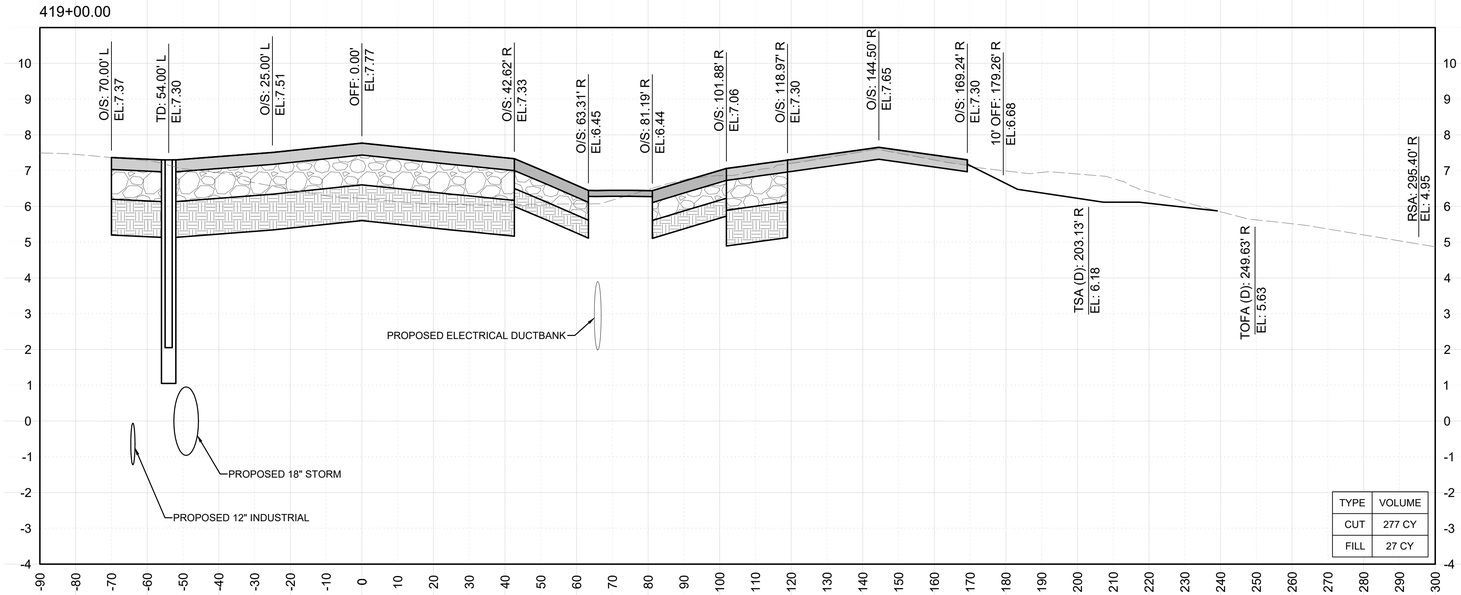
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

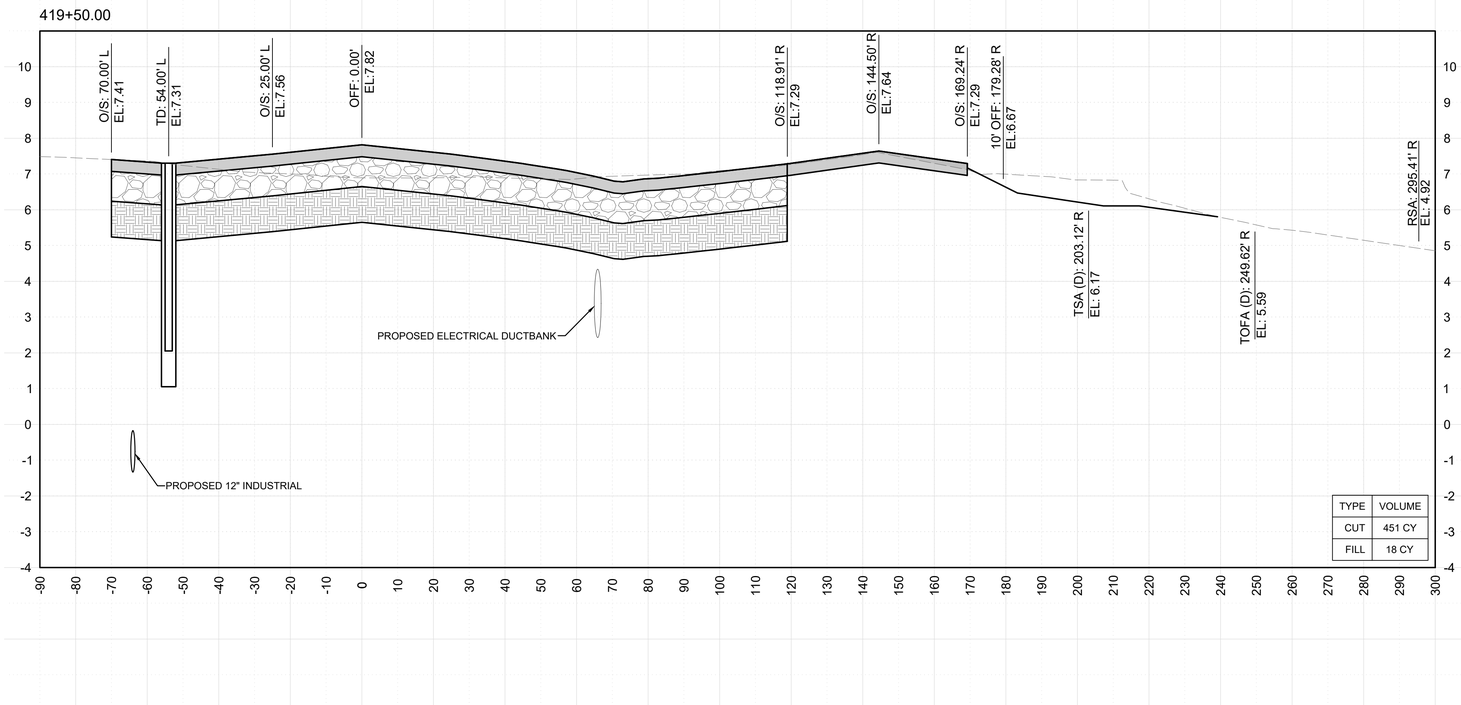
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-121

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

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CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

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MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

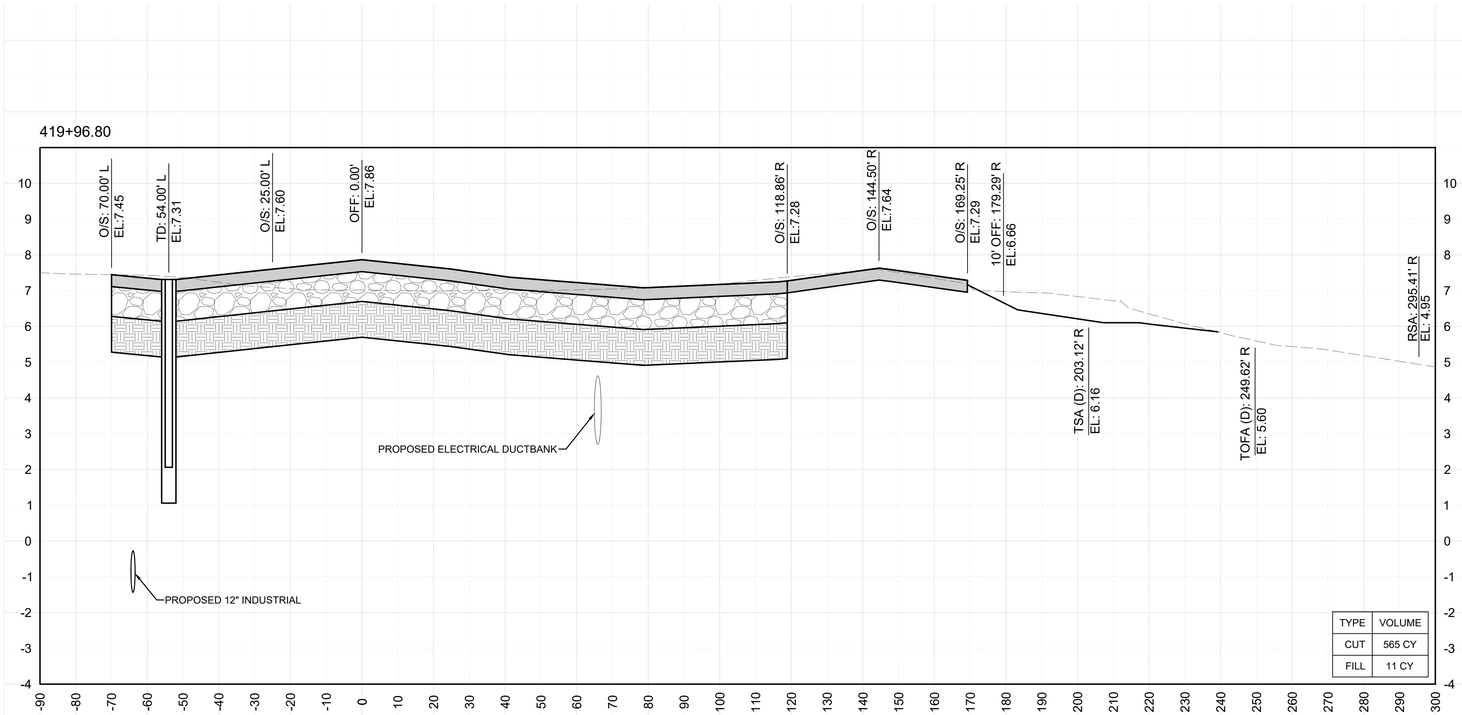
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

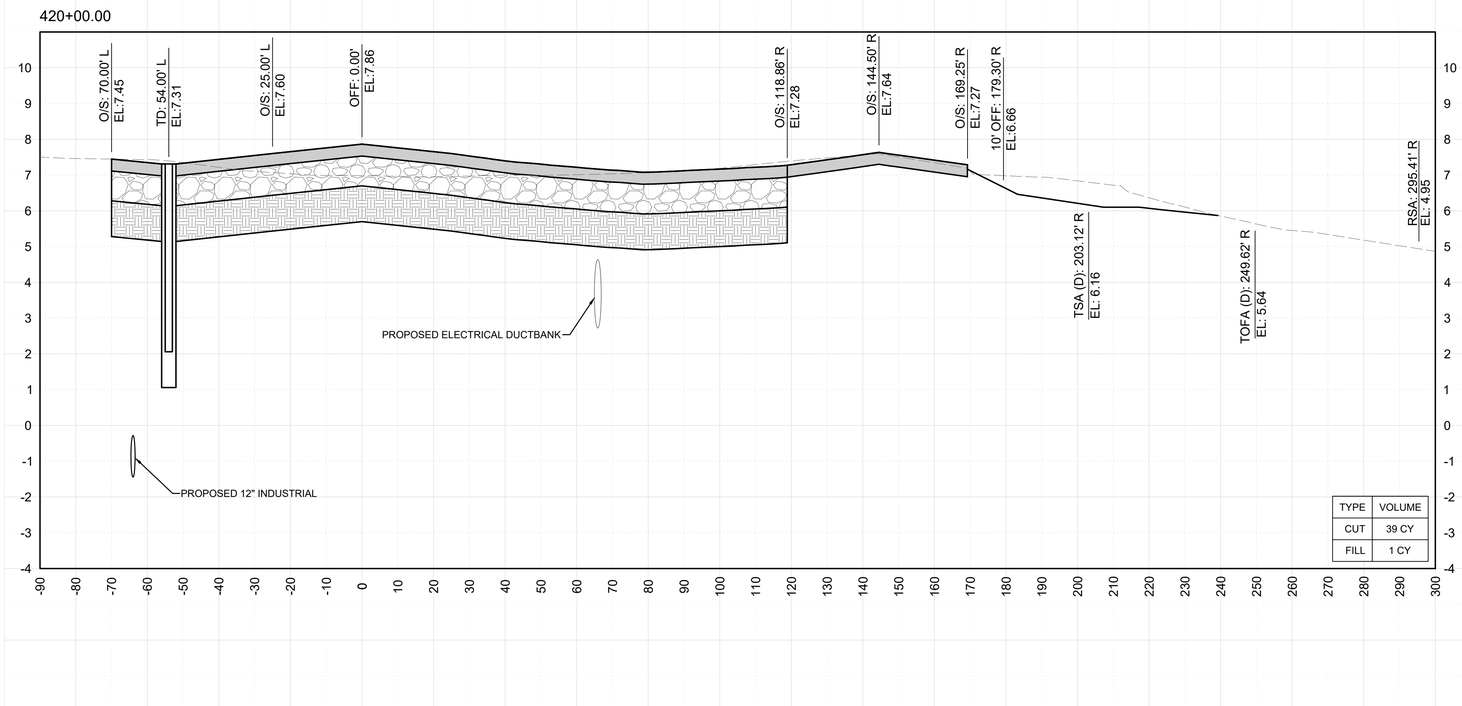
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-122

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:00 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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GRAPHIC SCALE
(IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
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ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS
DESIGNED BY:	R. DOSSANI
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MIAMI, FLORIDA 33102-5504

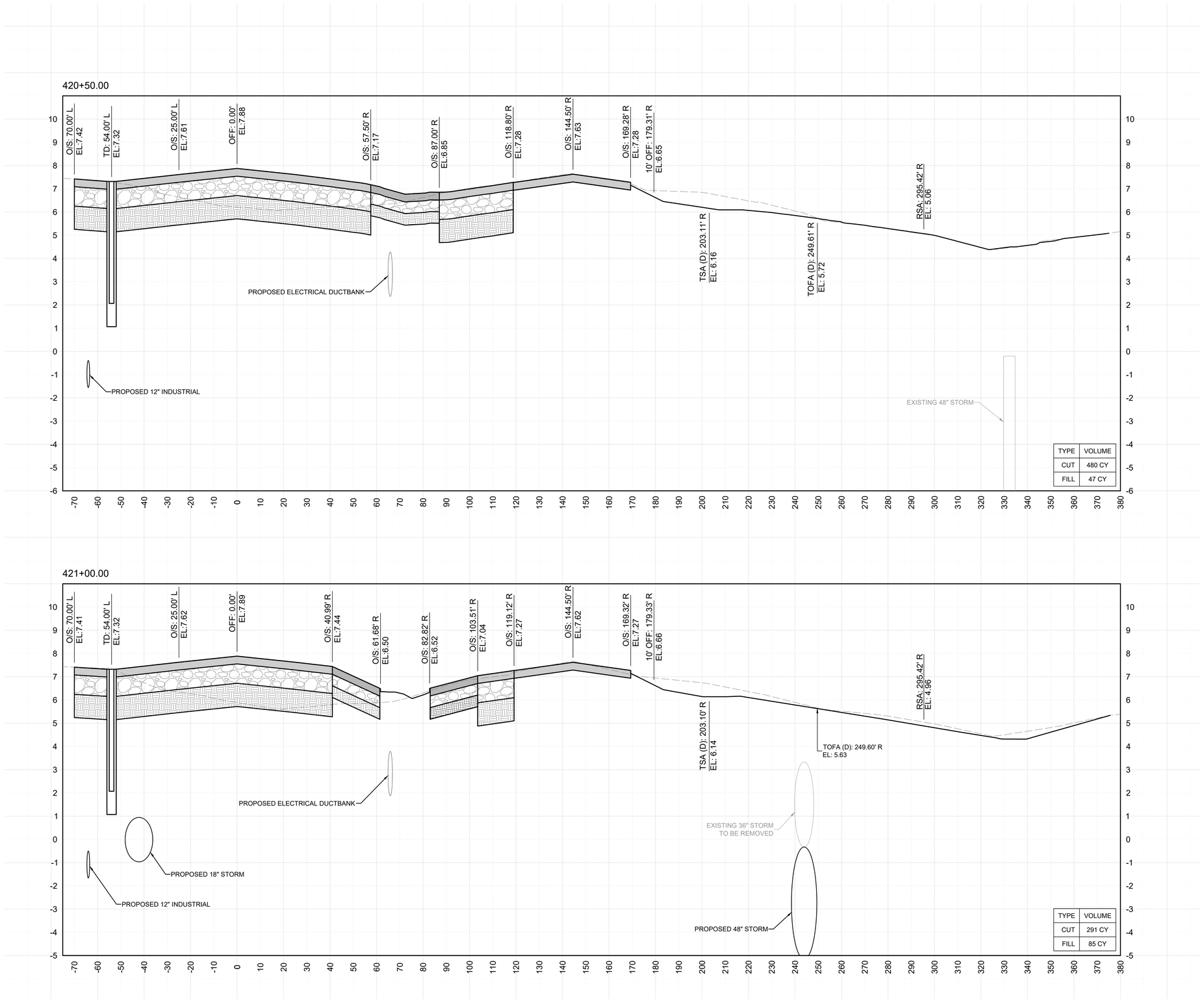
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-123

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:01 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
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DATE:

ISSUE DATE:	
11/22/2024	
PROJECT PHASE:	
BID DOCUMENTS	

DESIGNED BY:	R. DOSSANI
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MIAMI-DADE AVIATION DEPARTMENT
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P.O. BOX 025504
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CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-124

FILENAME: C:\PWWORKING\EAST01\D312362B\103653681X-101.DWG
PLOT DATE: 2025/03/27 AT 1:01 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

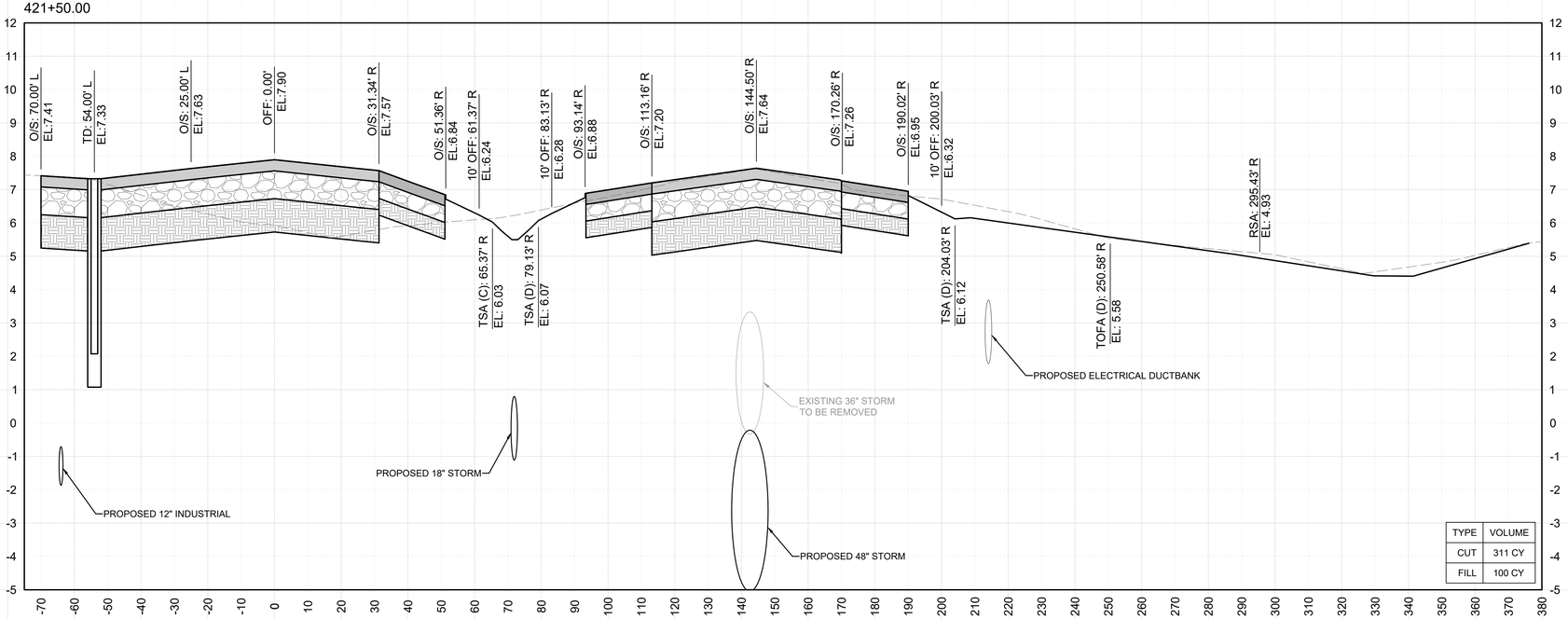
LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

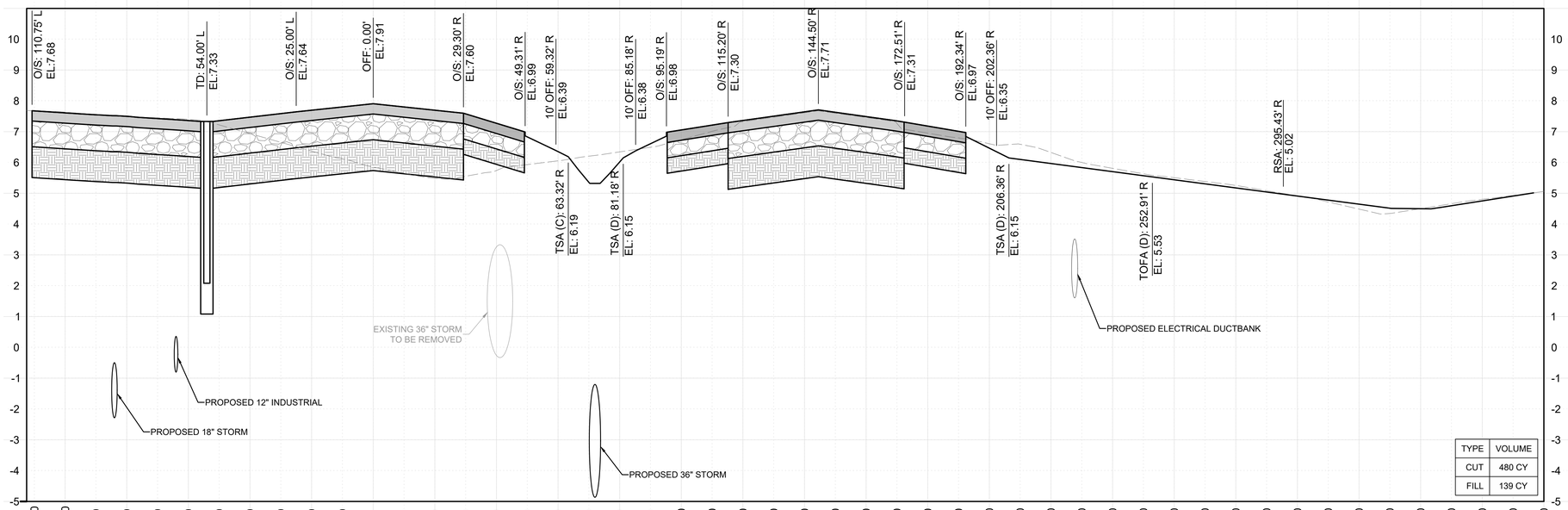
NOTES

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421+50.00



422+00.00



GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
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FL PE NO.: 70617
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MIAMI, FLORIDA 33102-5504

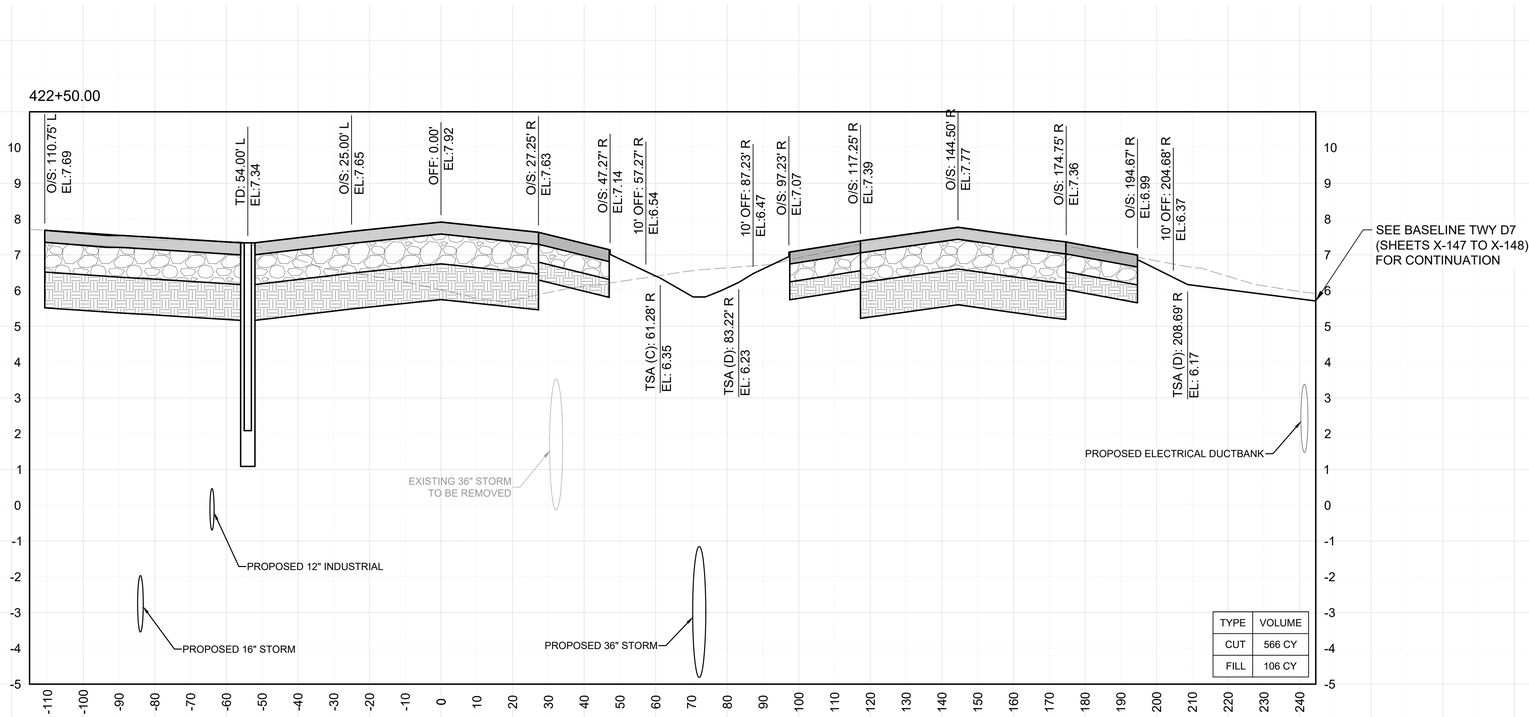
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

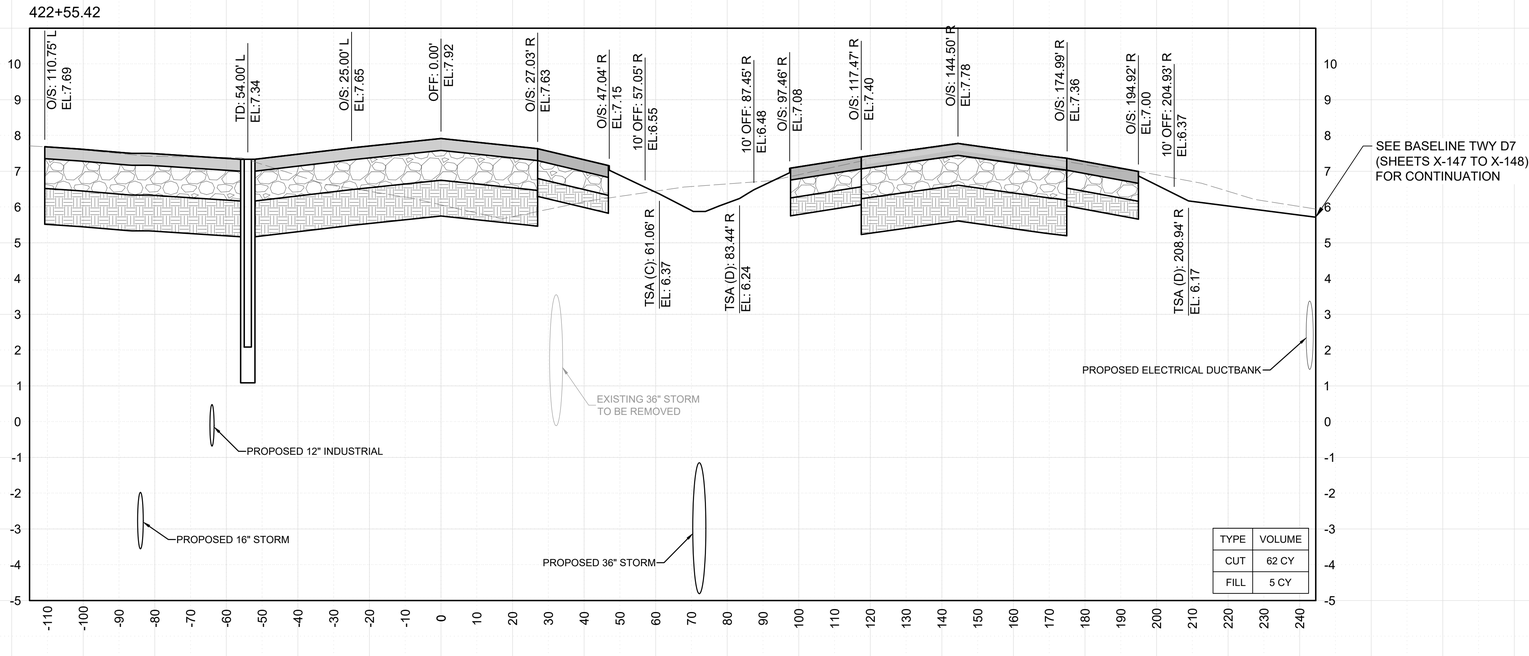
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-125

FILENAME: C:\PWWORKING\EAST01\D312362B\103653681X-101.DWG
PLOT DATE: 2025/03/27 AT 1:01 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
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MIAMI-DADE AVIATION DEPARTMENT
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P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

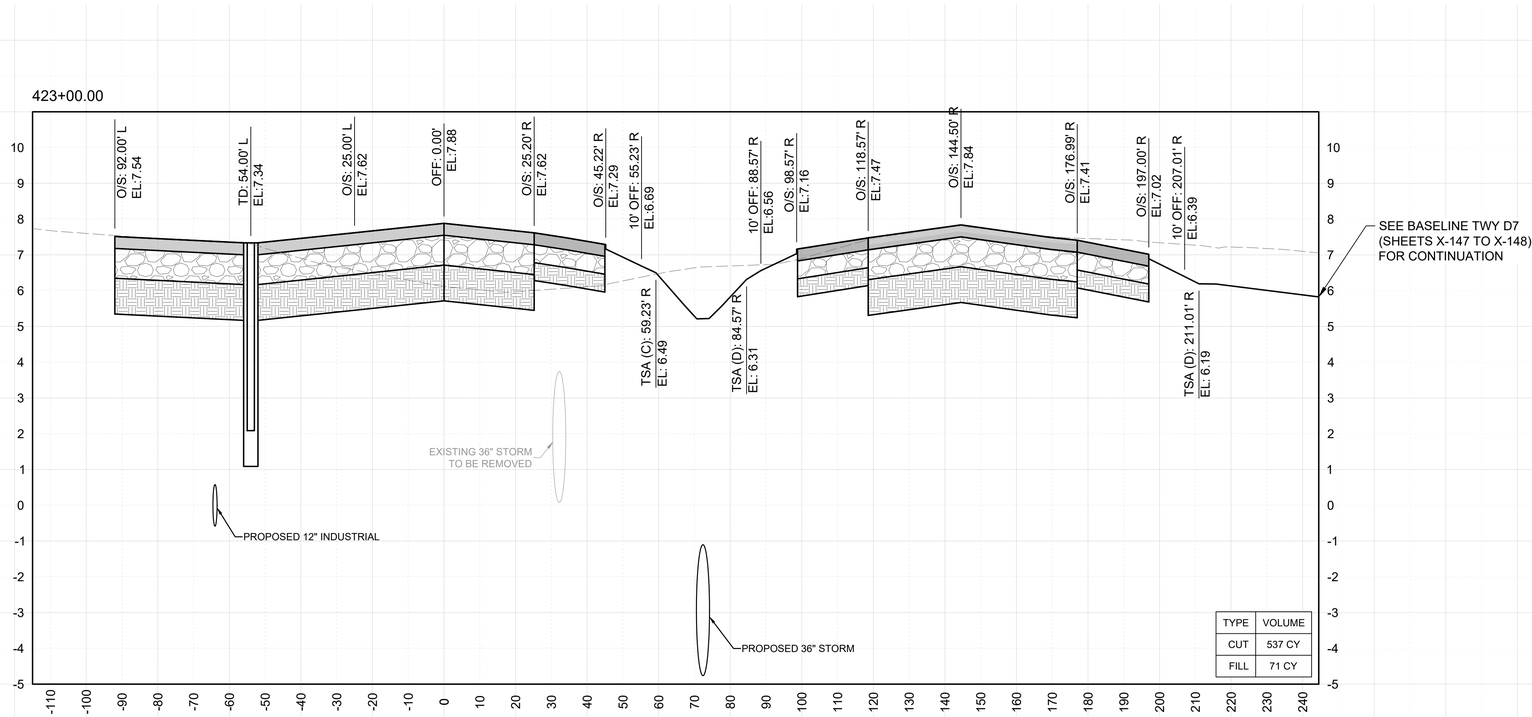
HDR ENGINEERING, INC.
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DORAL, FL 33166
(305) 728-7452

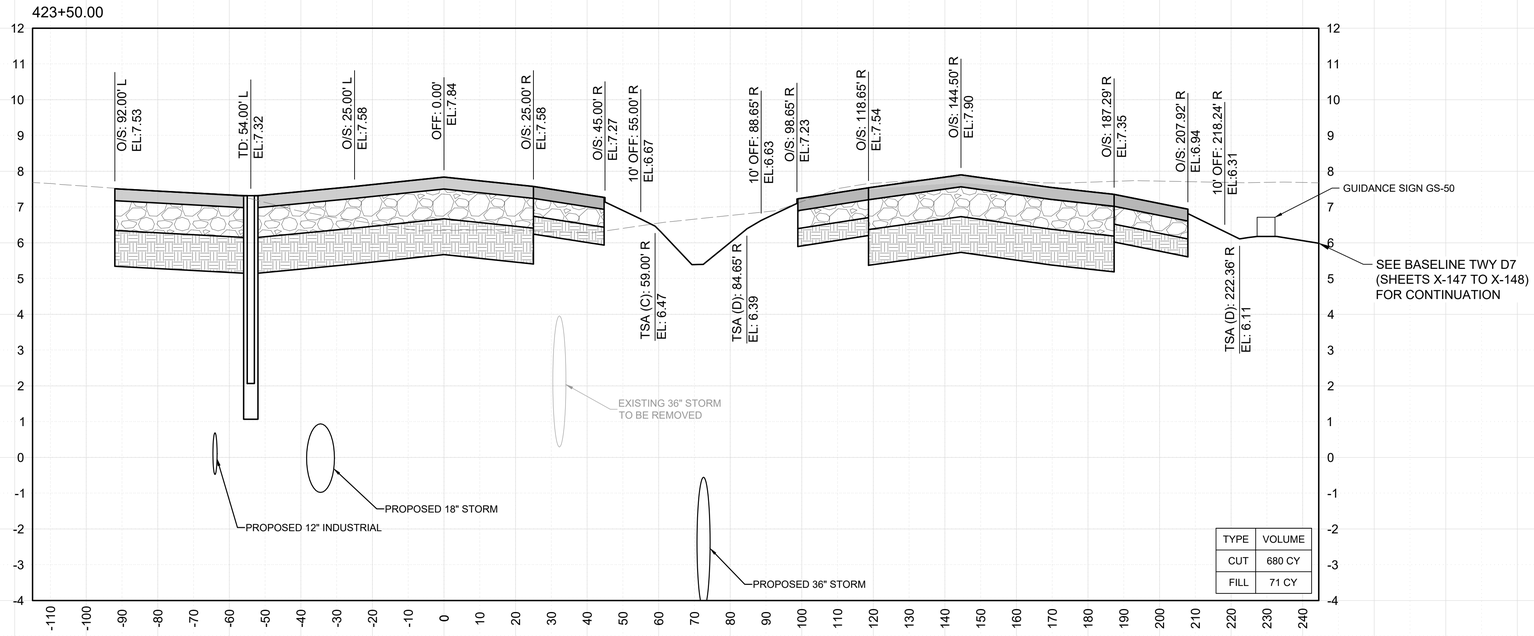
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-126

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:01 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

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MIAMI, FLORIDA 33102-5504

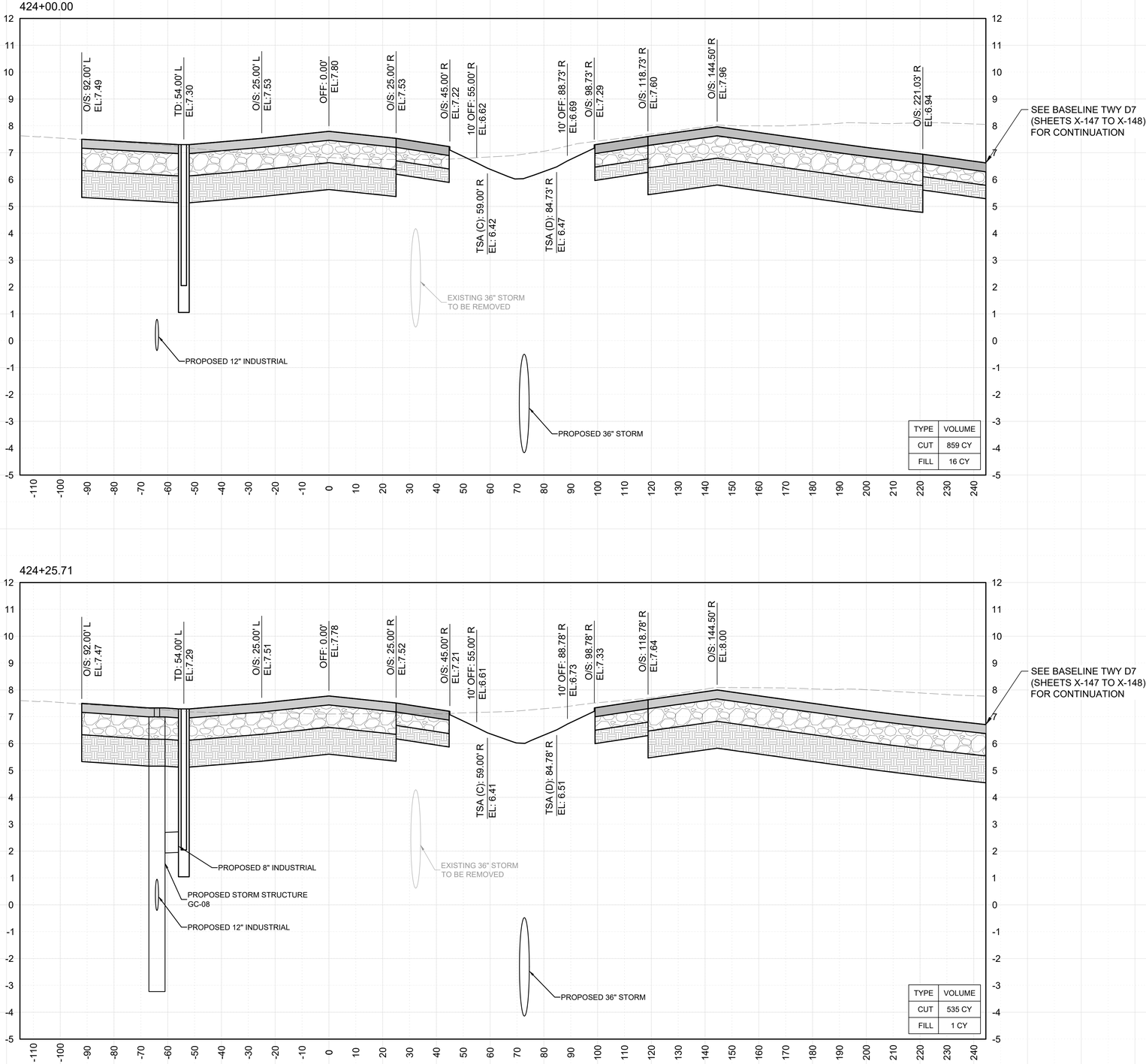
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-127

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:01 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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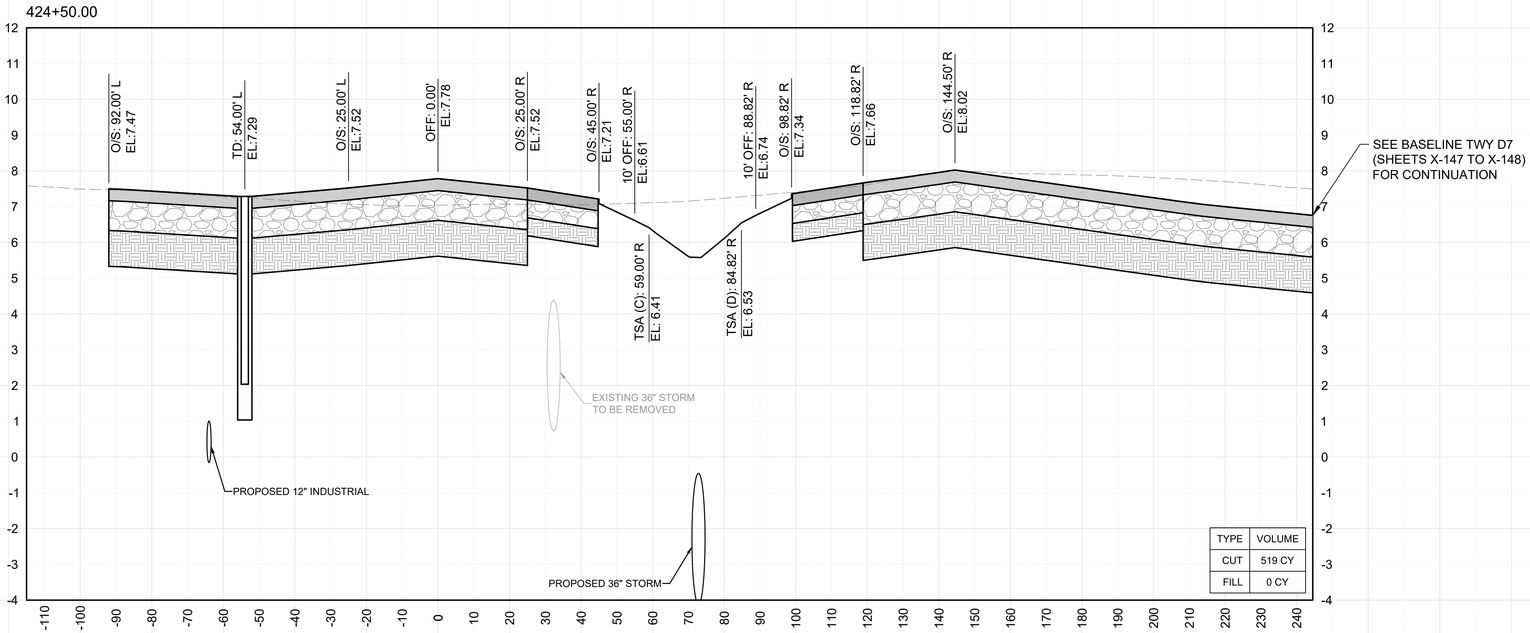
HDR ENGINEERING, INC.
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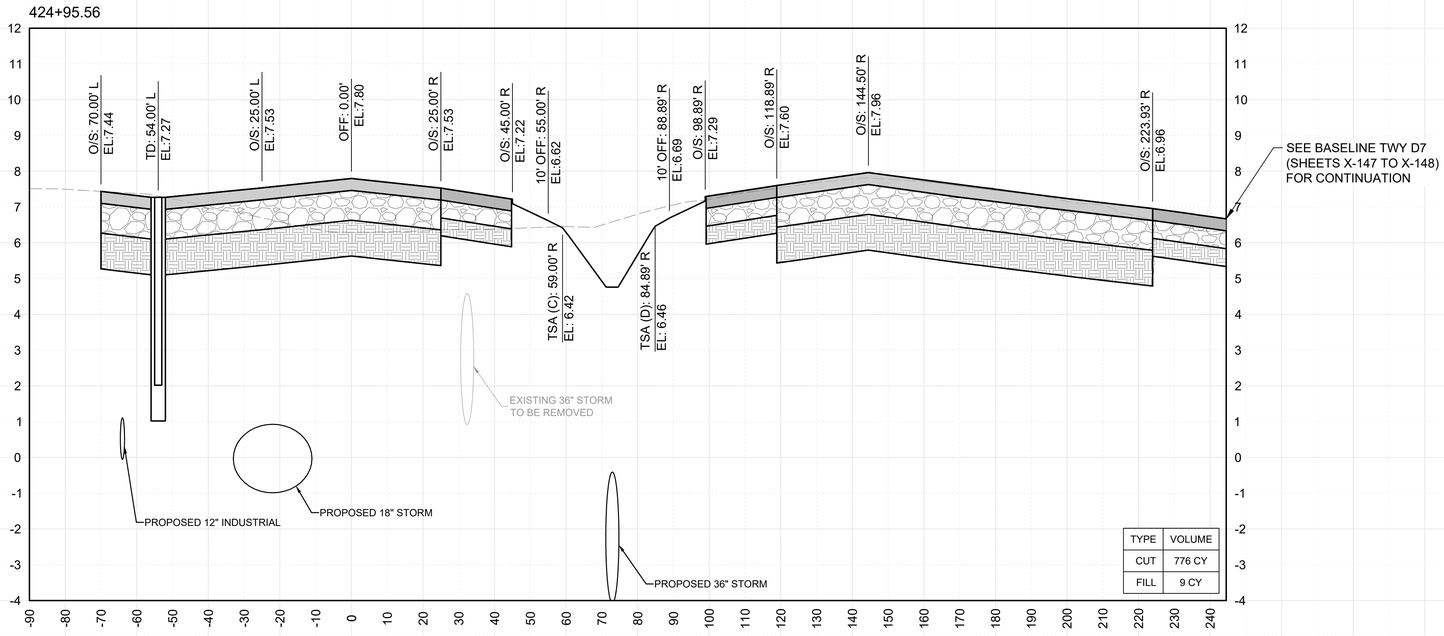
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-128

FILENAME: C:\PWWORKING\EAST01\D312362B\103653681X-101.DWG
PLOT DATE: 2025/03/27 AT 1:02 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
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GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
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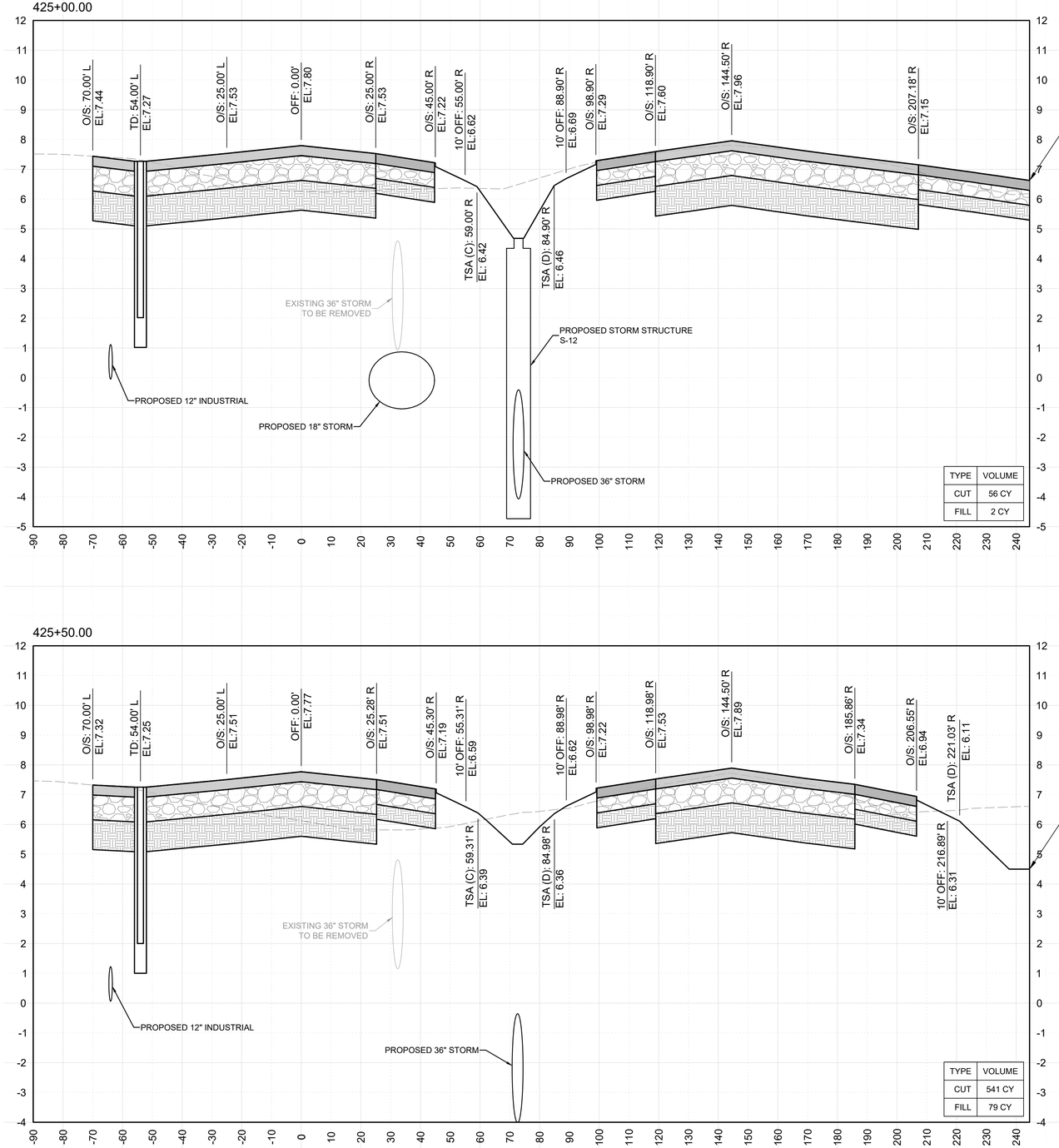
HDR ENGINEERING, INC.
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CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-129

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:02 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
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TIMOTHY J. FISH
FL PE NO.: 70617
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MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

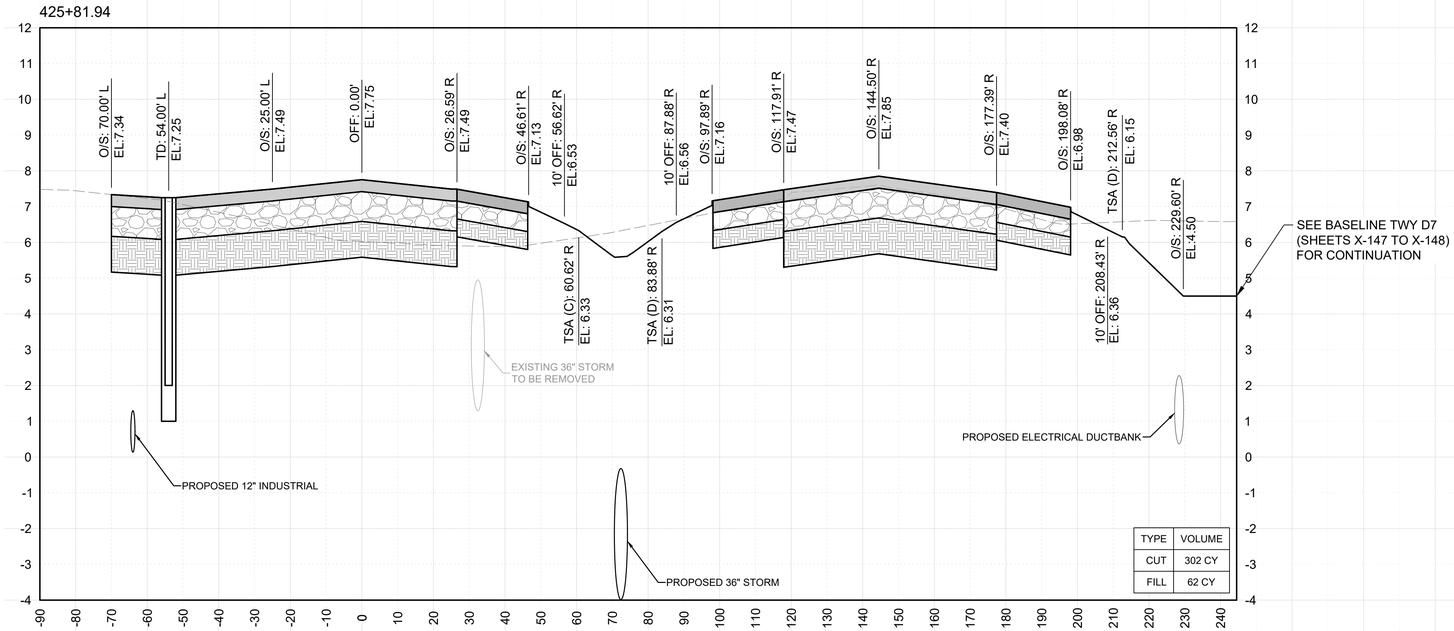
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

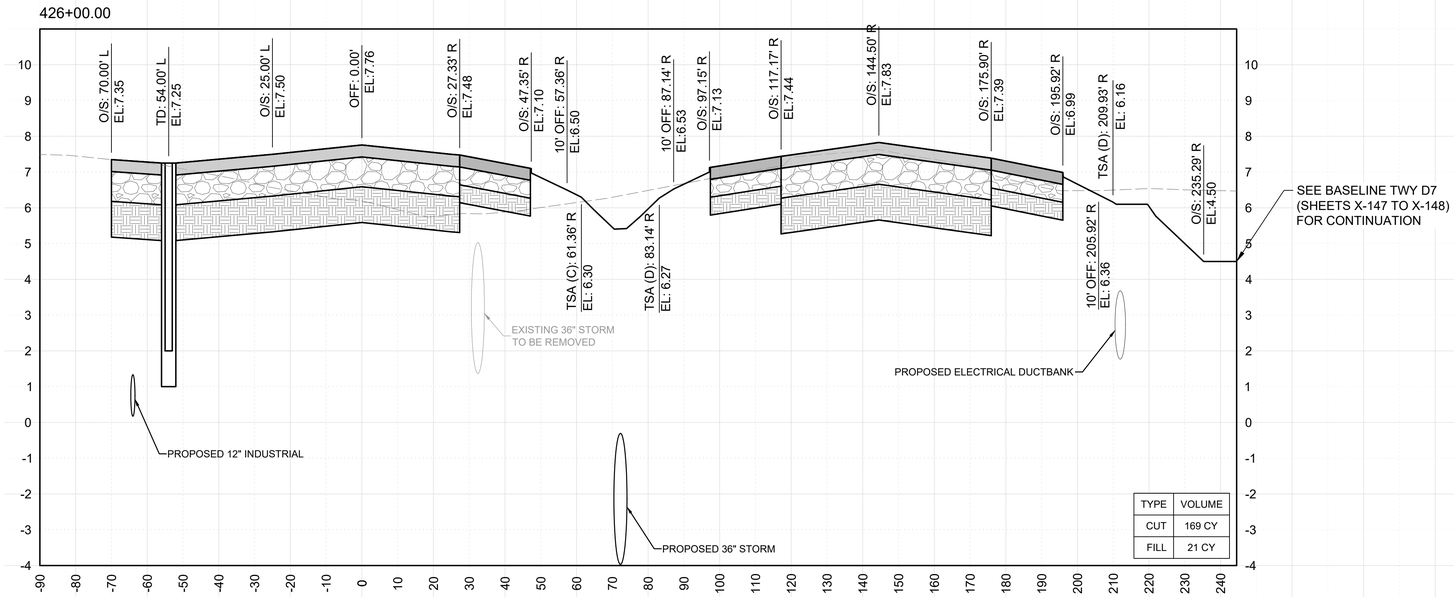
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-130

FILENAME: C:\PWWORKING\EAST01\D312362B\103653781X-101.DWG
PLOT DATE: 2025/03/27 AT 1:02 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
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GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

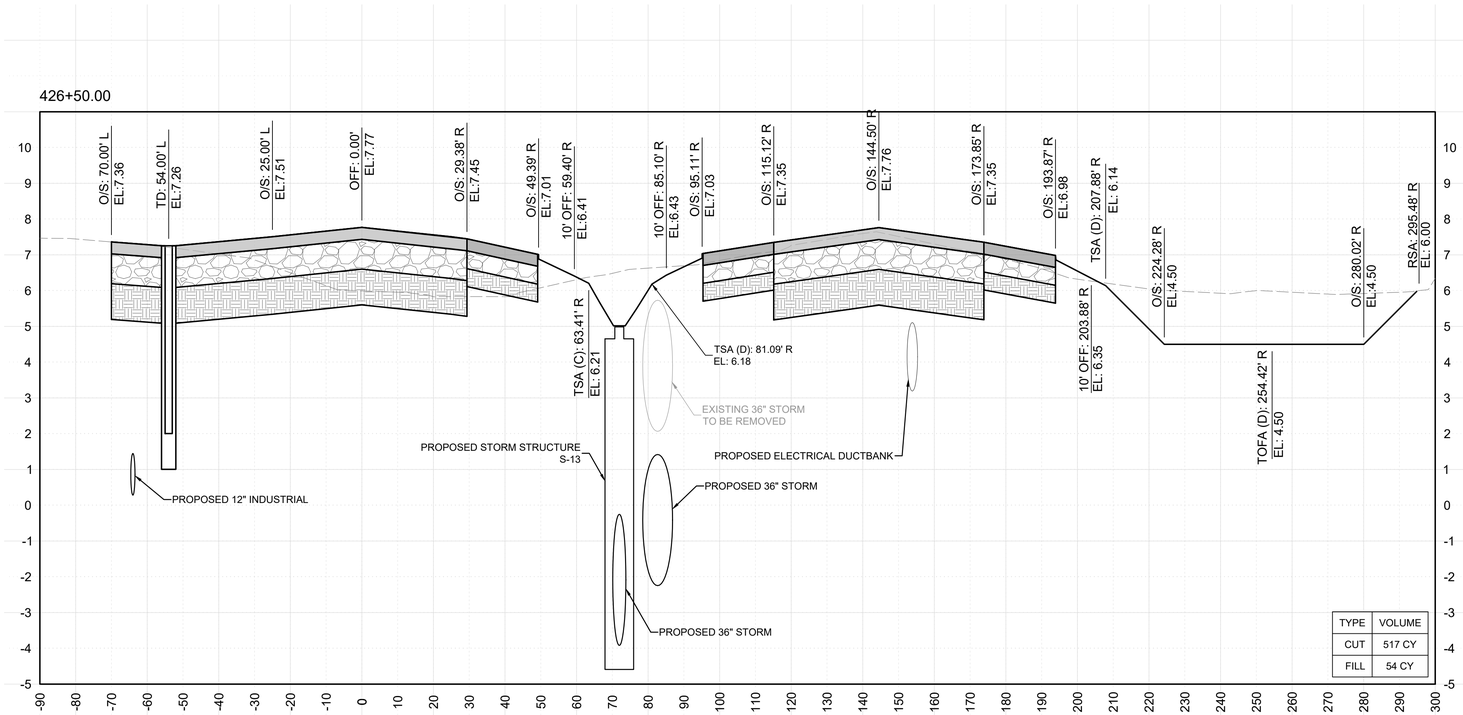
HDR ENGINEERING, INC.
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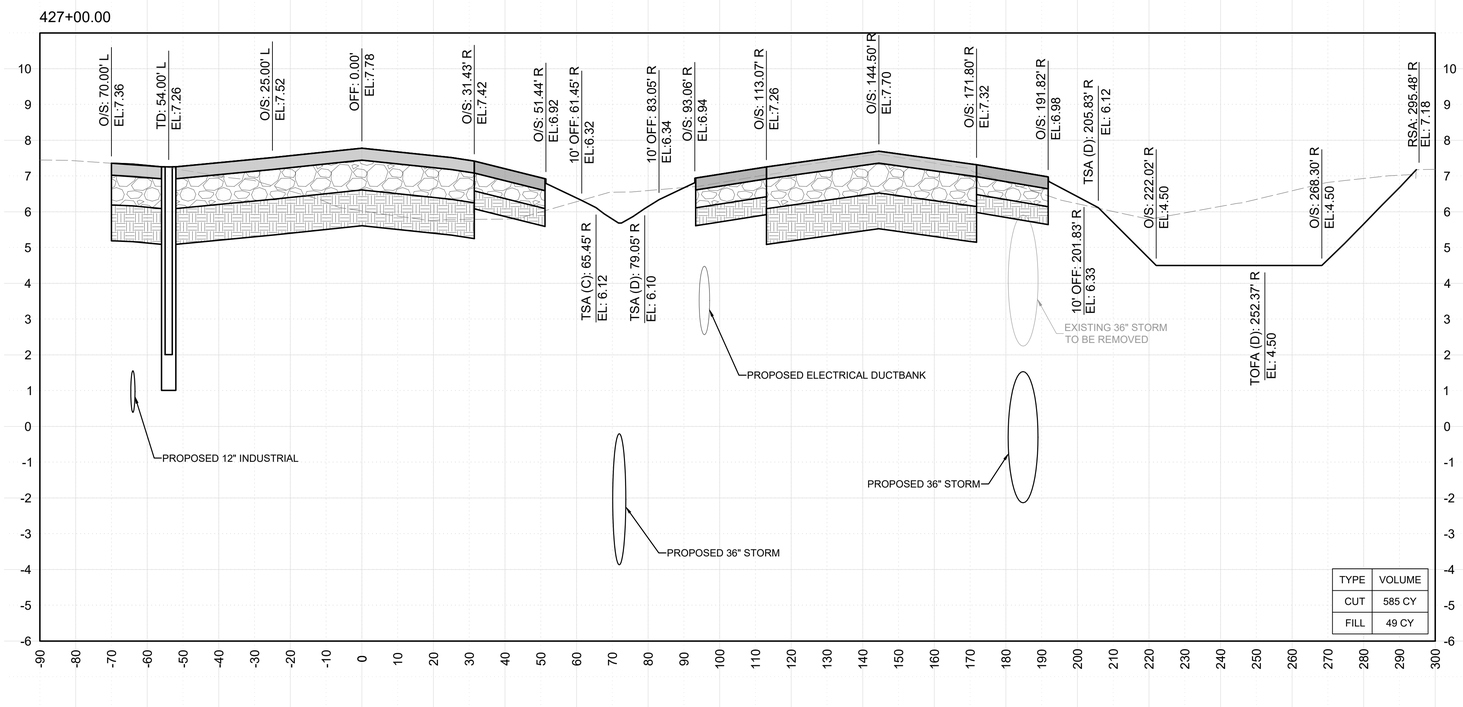
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-131

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:02 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

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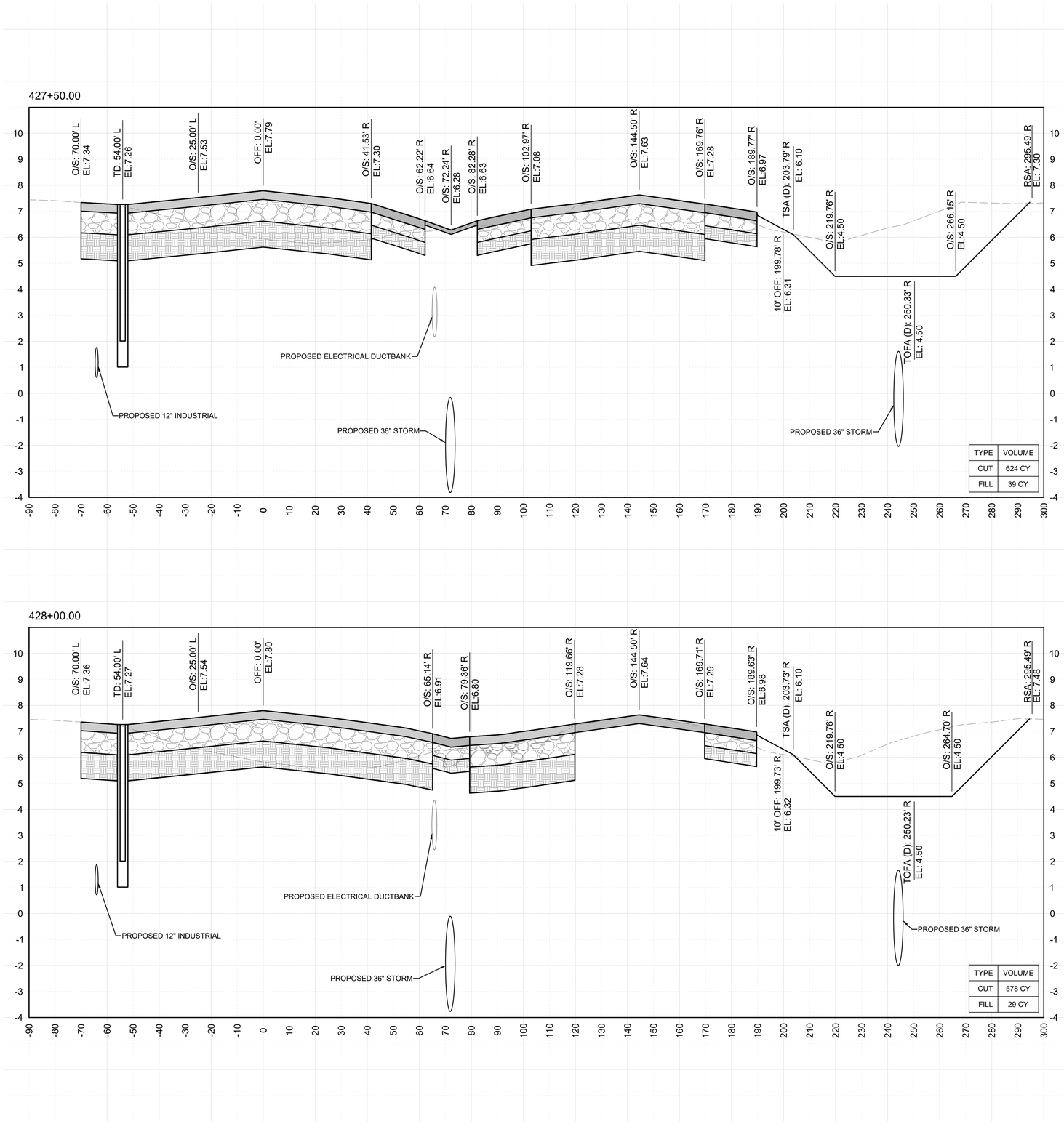
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-132

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:02 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
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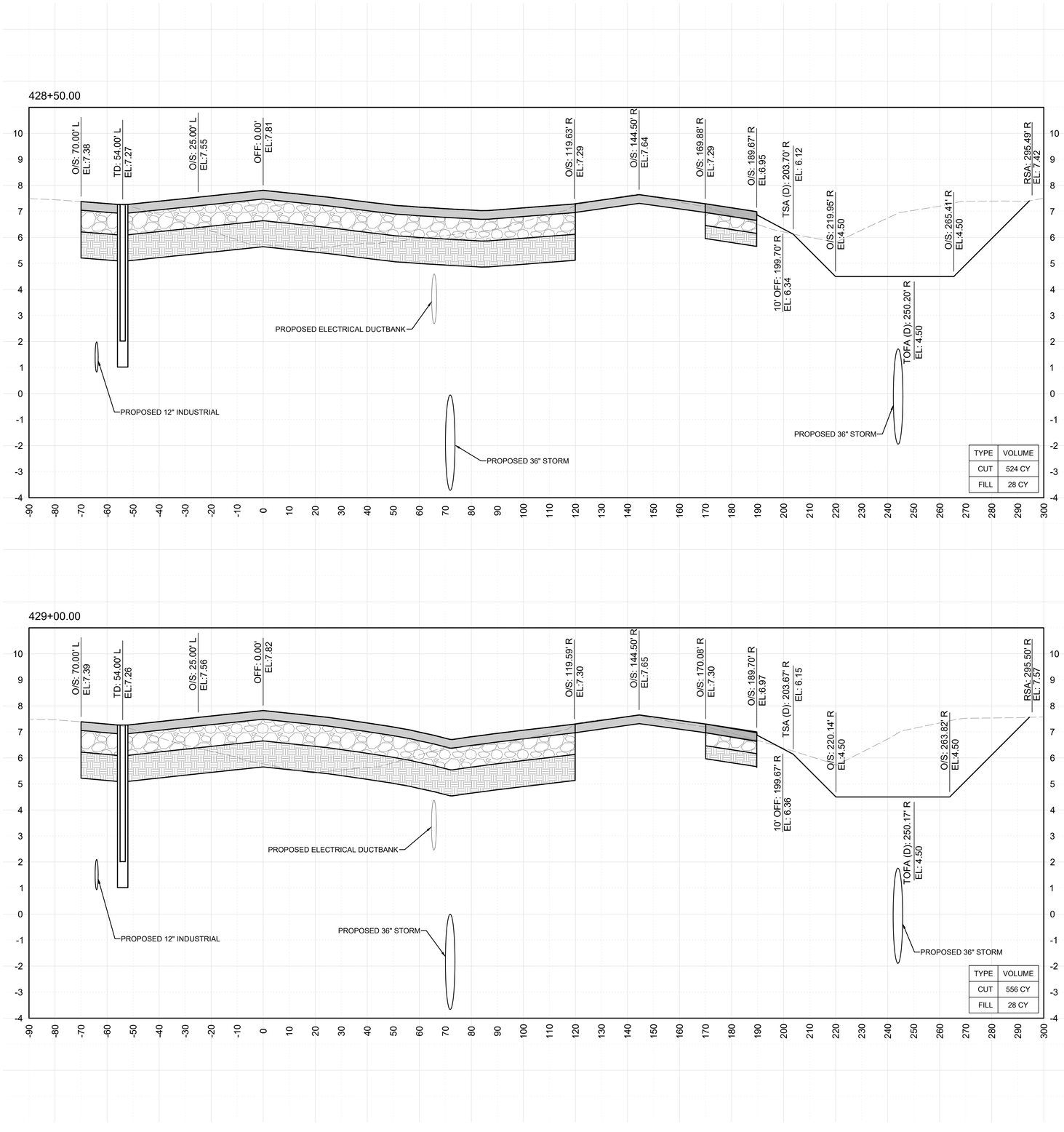
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C

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MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
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PLOT DATE: 2025/03/27 AT 1:02 PM LOCAL TIME
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LEGEND

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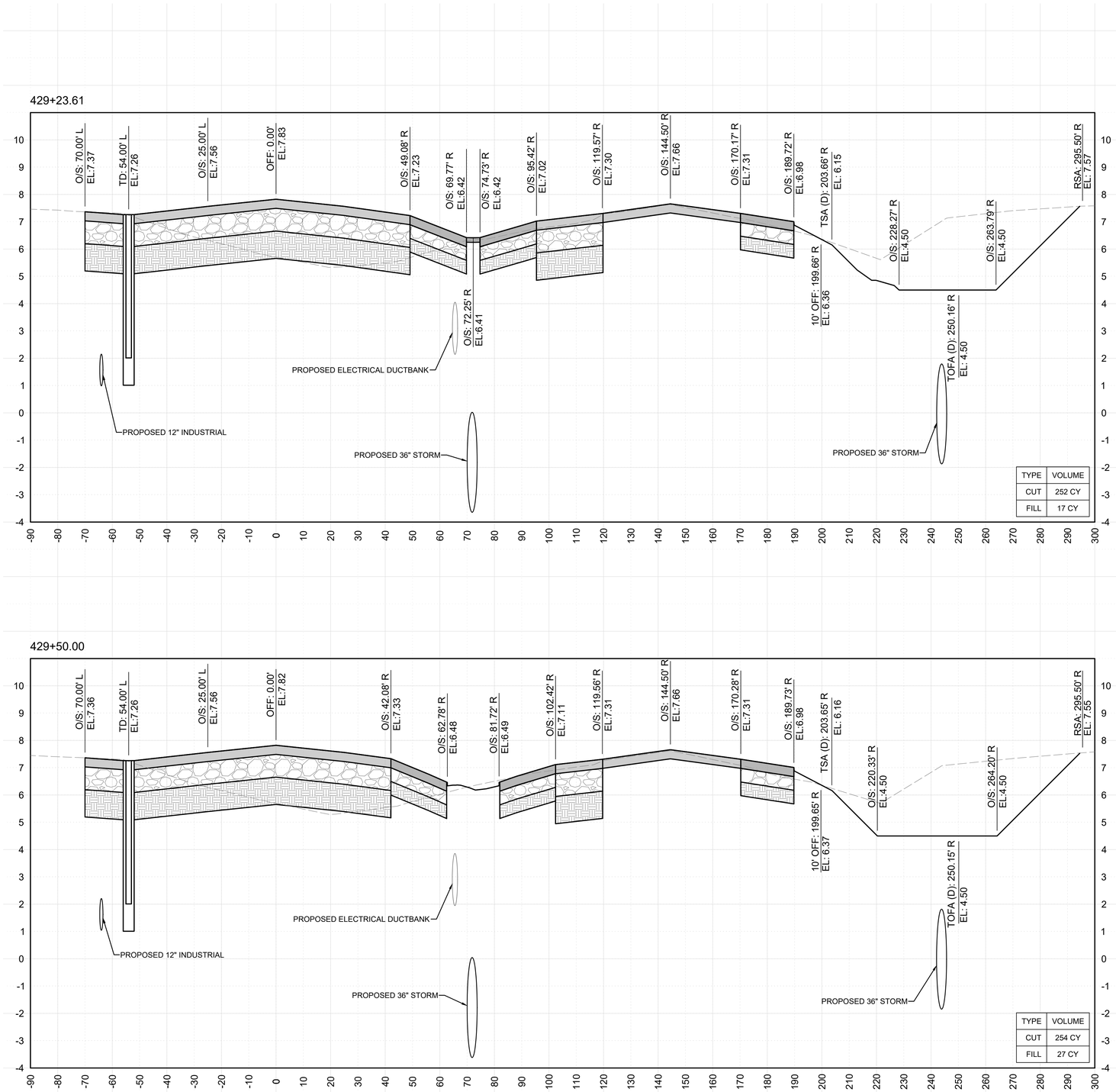
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-134

FILENAME: C:\PW\WORKING\EAST01\D3123620\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:03 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
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NOTES

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GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

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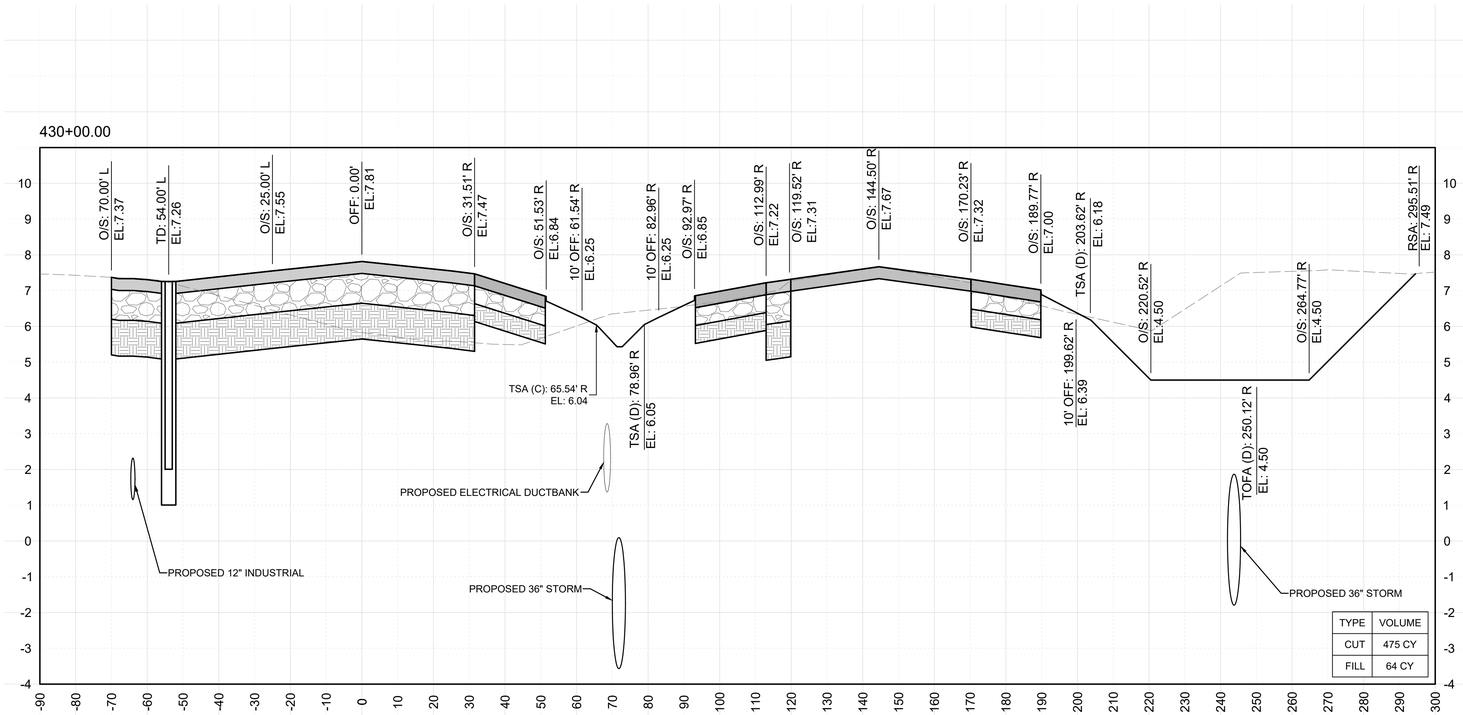
HDR ENGINEERING, INC.
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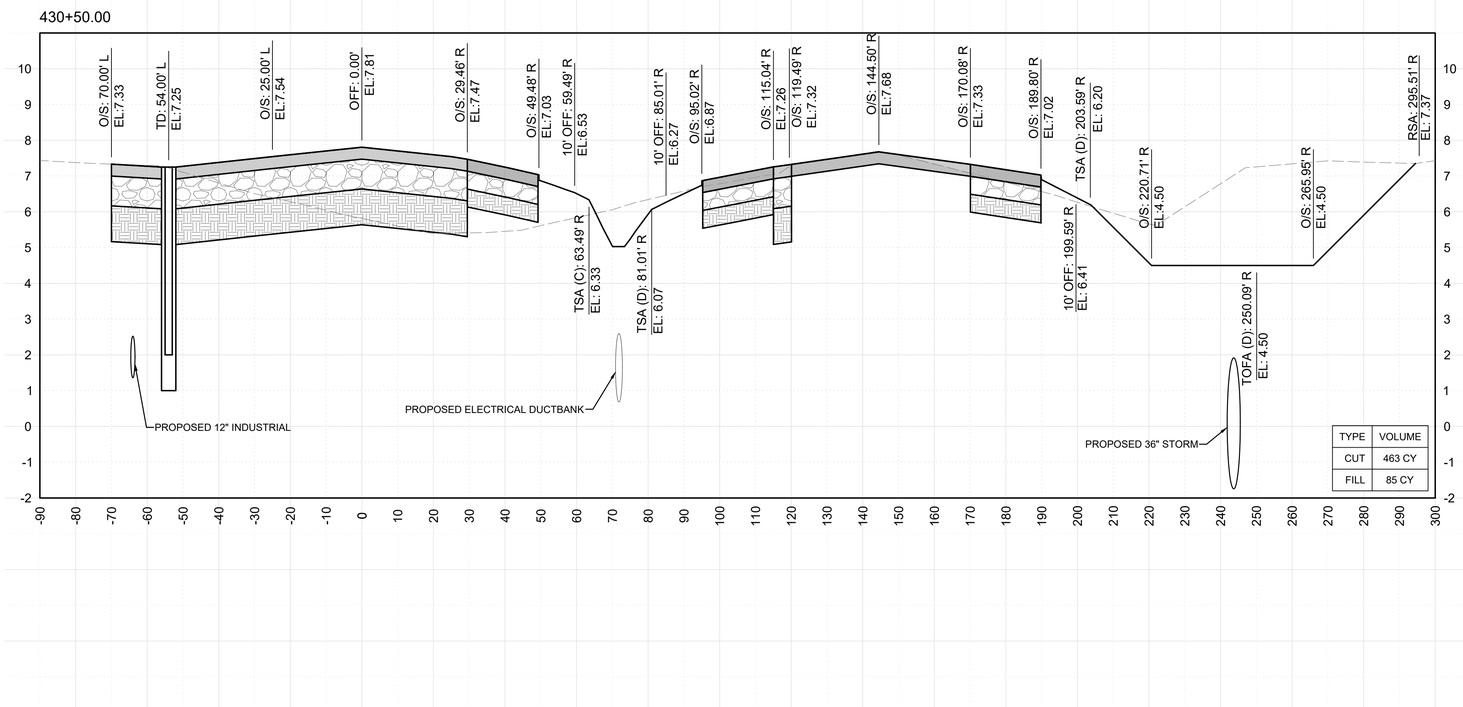
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-135

FILENAME: C:\PW\WORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:03 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

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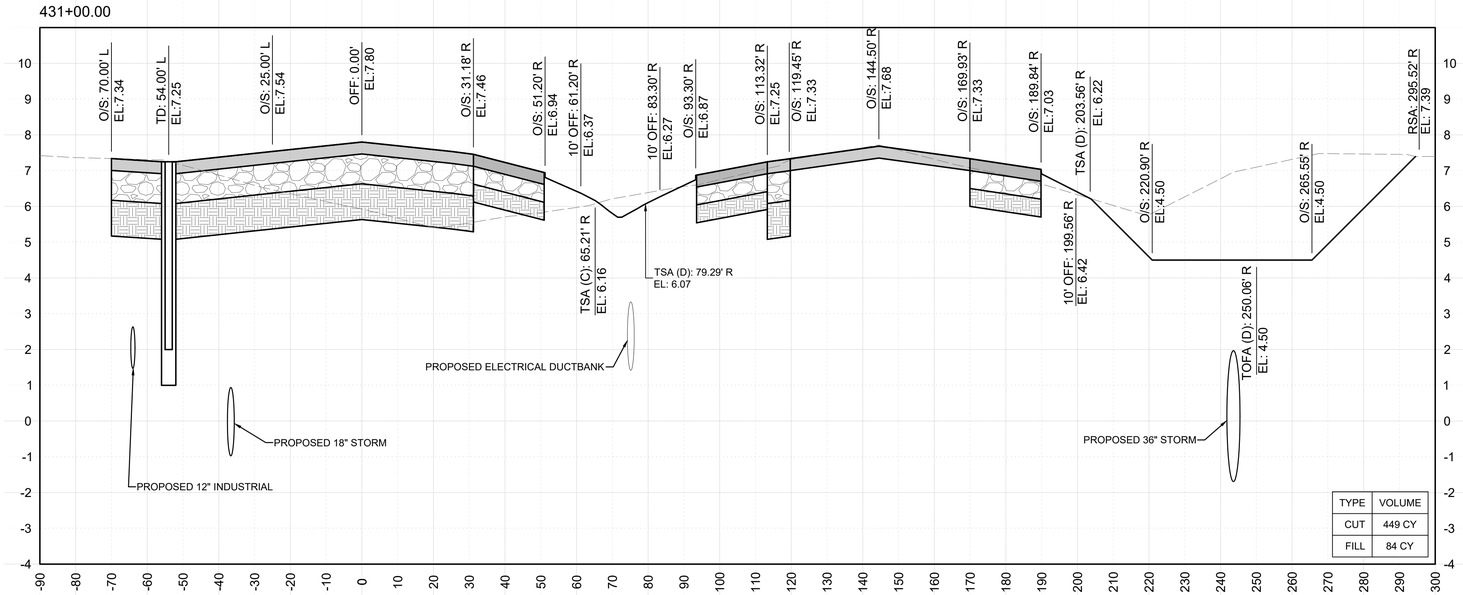
HDR ENGINEERING, INC.
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DORAL, FL 33166
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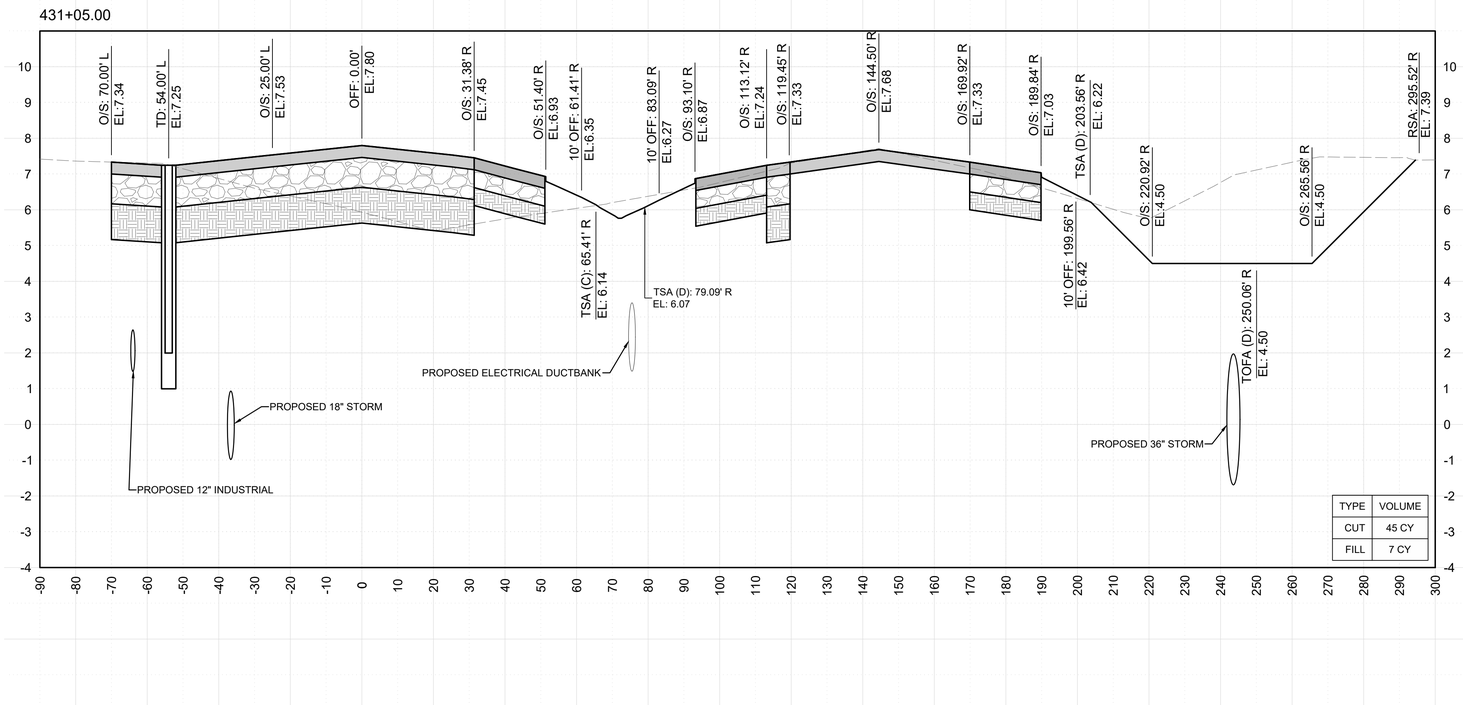
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-136

FILENAME: C:\PW\WORKING\EAST01\D3123620\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:03 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
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GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

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(305) 728-7452

CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-137

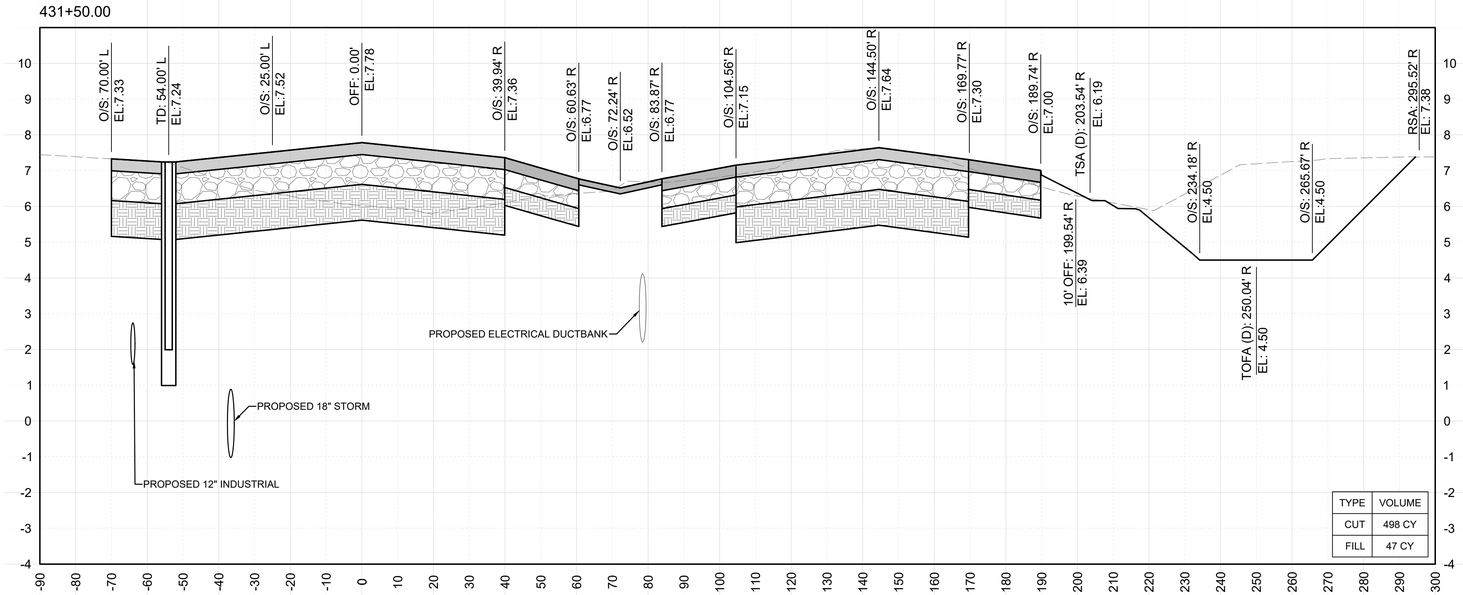
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PLOT DATE: 2025/03/27 AT 1:03 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

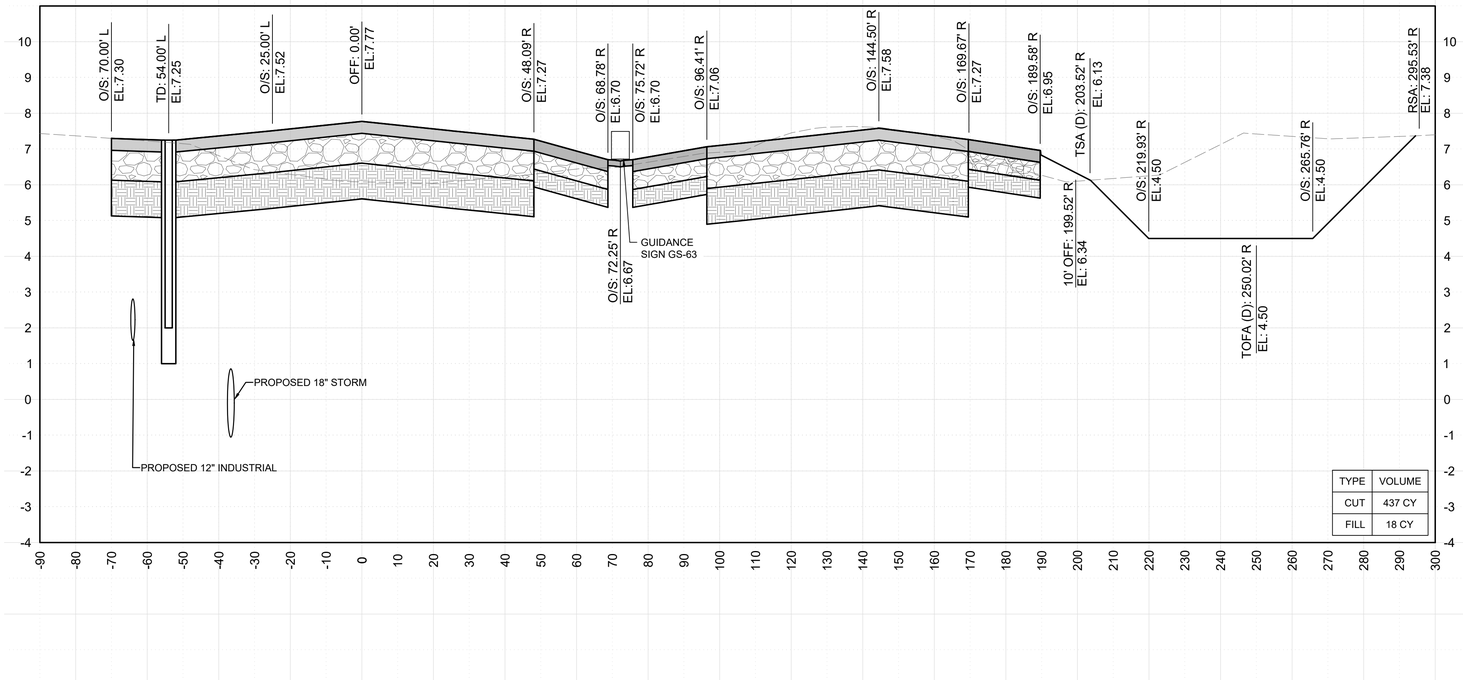
LEGEND

- PROP. P401 HMA SURFACE COURSE
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(IN FEET)
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CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

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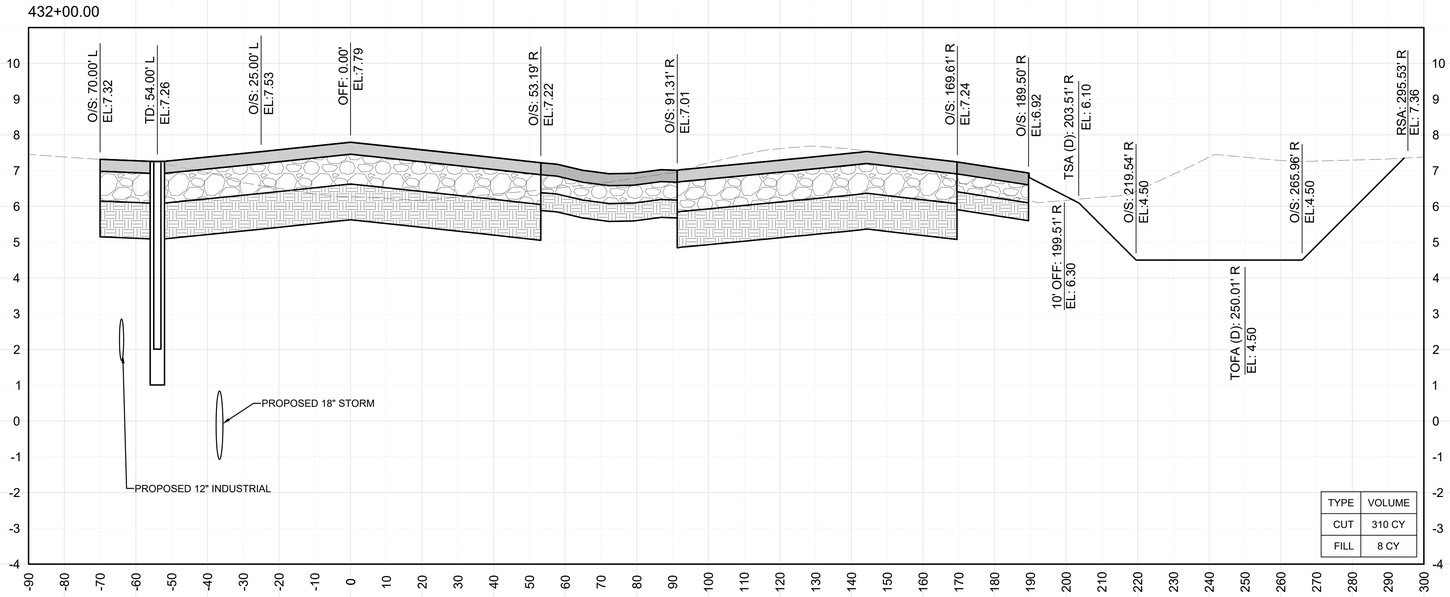
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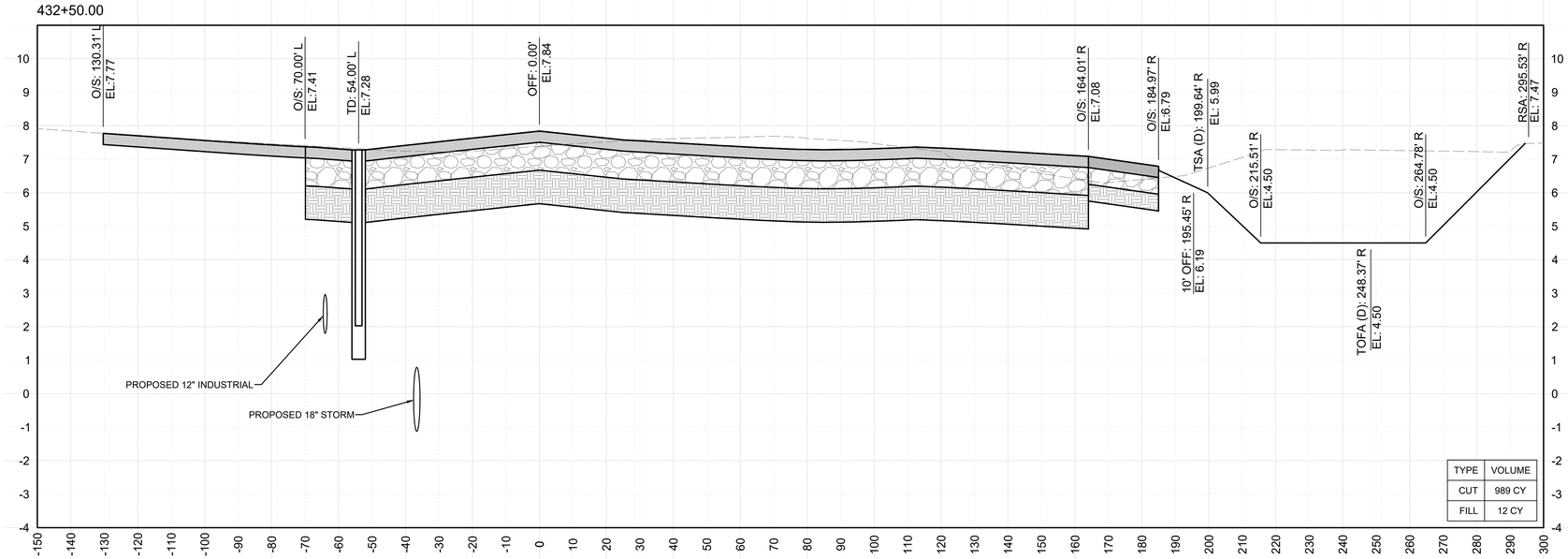
LEGEND

- PROP. P401 HMA SURFACE COURSE
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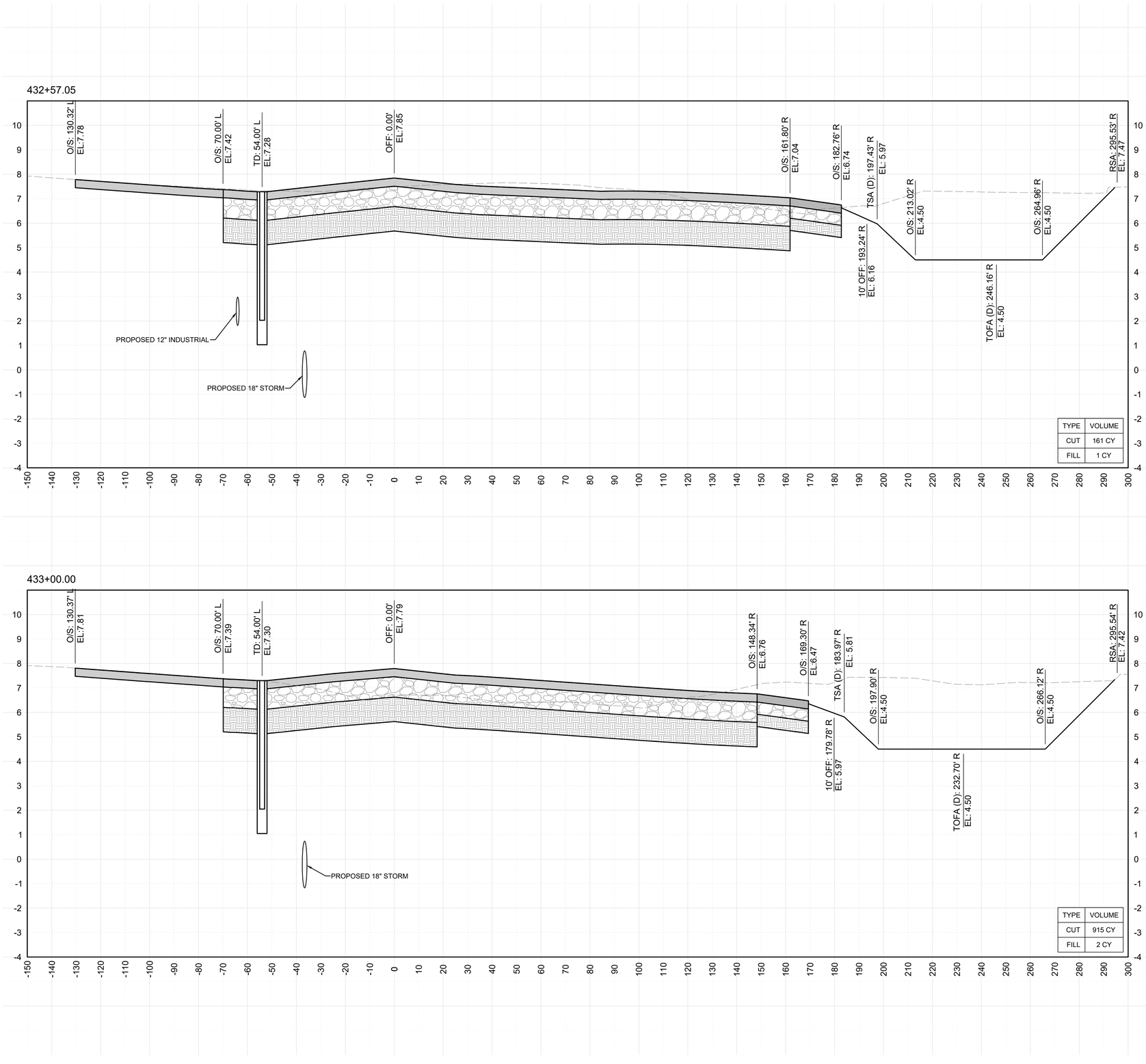
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CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-139

FILENAME: C:\PW\WORKING\EAST01\D3123620\10365381X-101.DWG
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LEGEND

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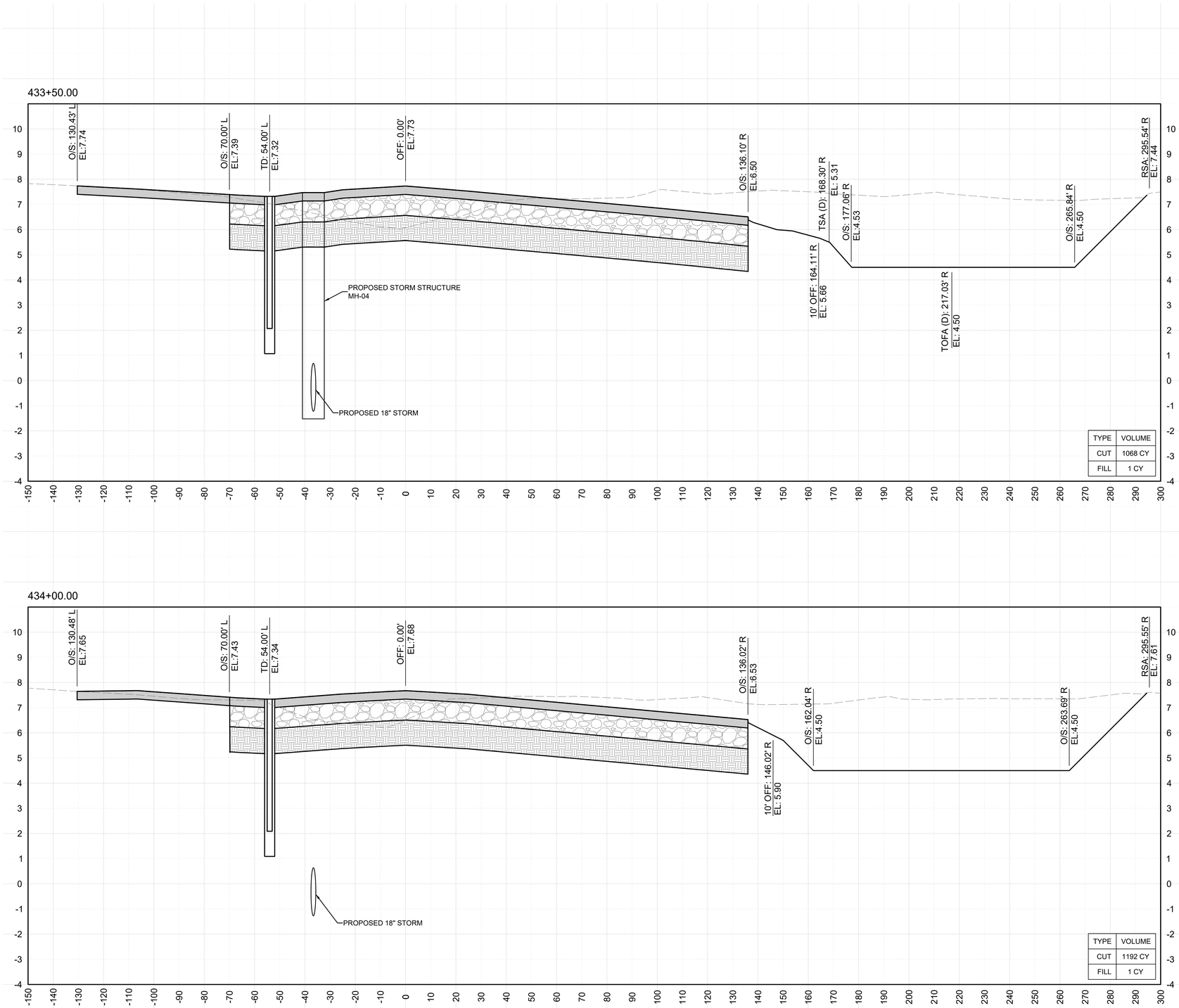
HDR ENGINEERING, INC.
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CROSS SECTIONS- TAXIWAY C

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3. REFER TO GEOMETRY AND PAVING PLANS (SHEETS C-301 TO C-313) FOR ADDITIONAL INFORMATION ON PAVEMENT TYPES AND LIMITS.

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI	CHECKED BY: W. BOWDOIN
DRAWN BY: S. TOLLETTE	SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

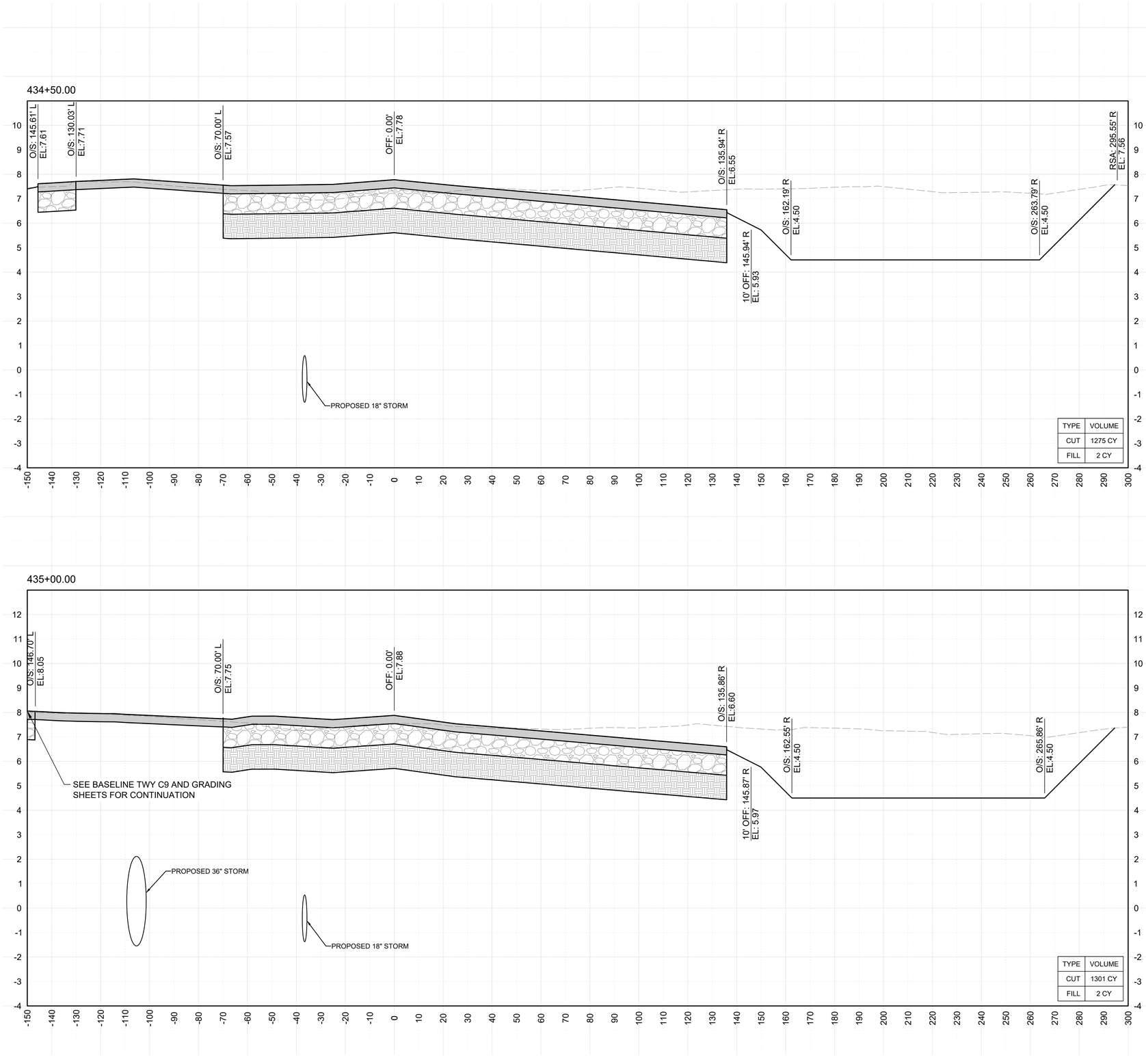
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-141

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:04 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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-	-	-

LICENSED PROFESSIONAL

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P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C

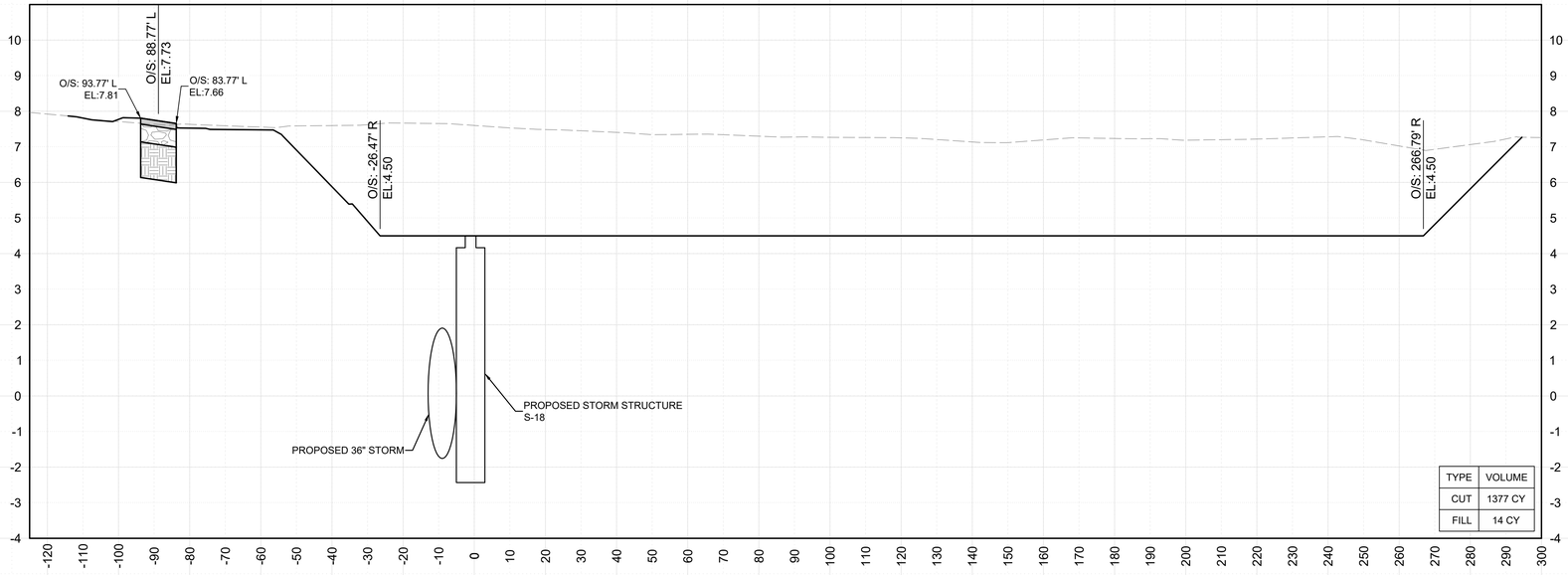
TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

X-142

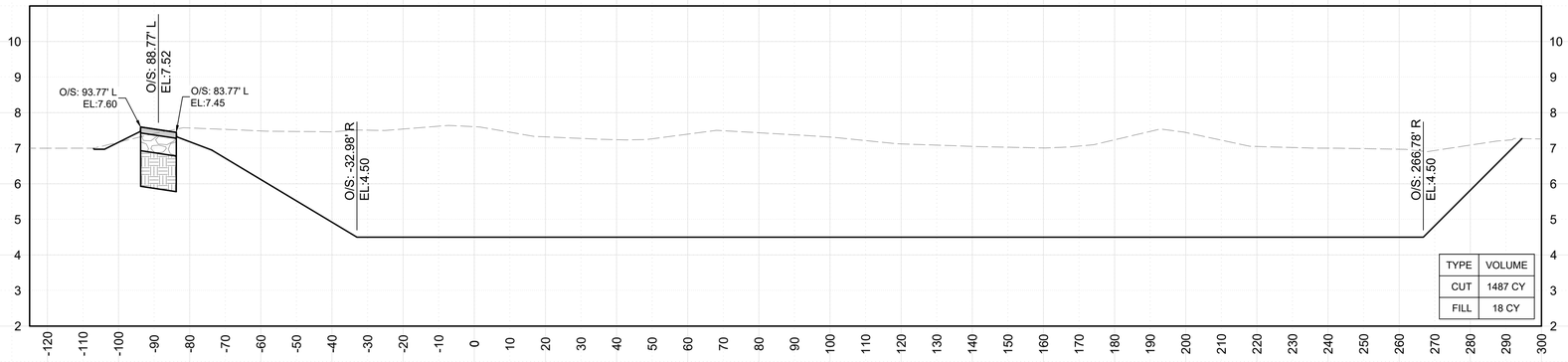
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PLOT DATE: 2025/03/27 AT 1:04 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

435+50.00



TYPE	VOLUME
CUT	1377 CY
FILL	14 CY

436+00.00



TYPE	VOLUME
CUT	1487 CY
FILL	18 CY

LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

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PROJECT PHASE: BID DOCUMENTS

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MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

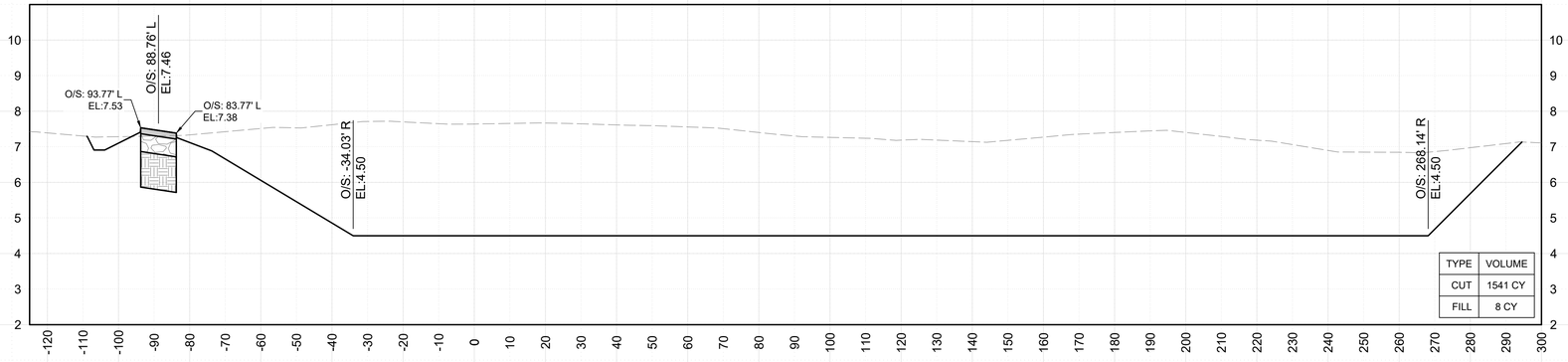
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-143

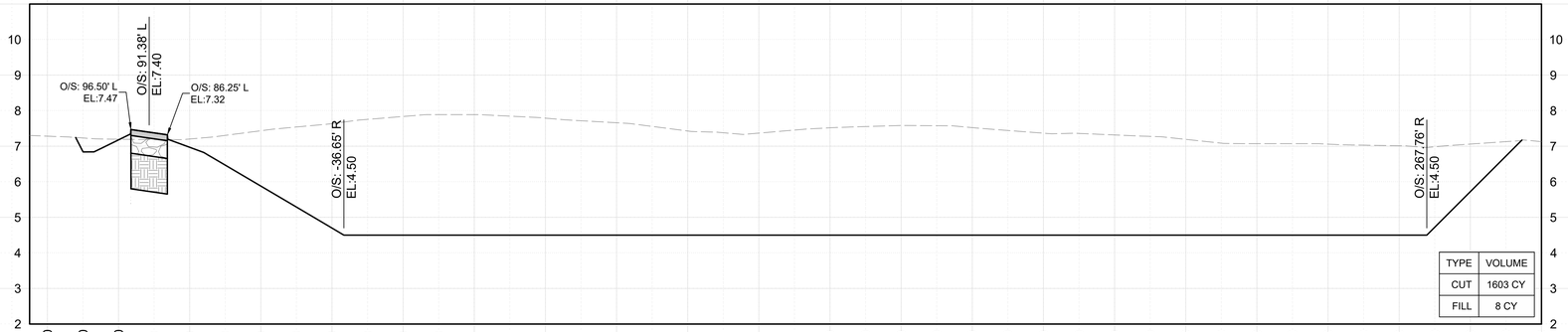
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PLOT DATE: 2025/03/27 AT 1:04 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

436+50.00



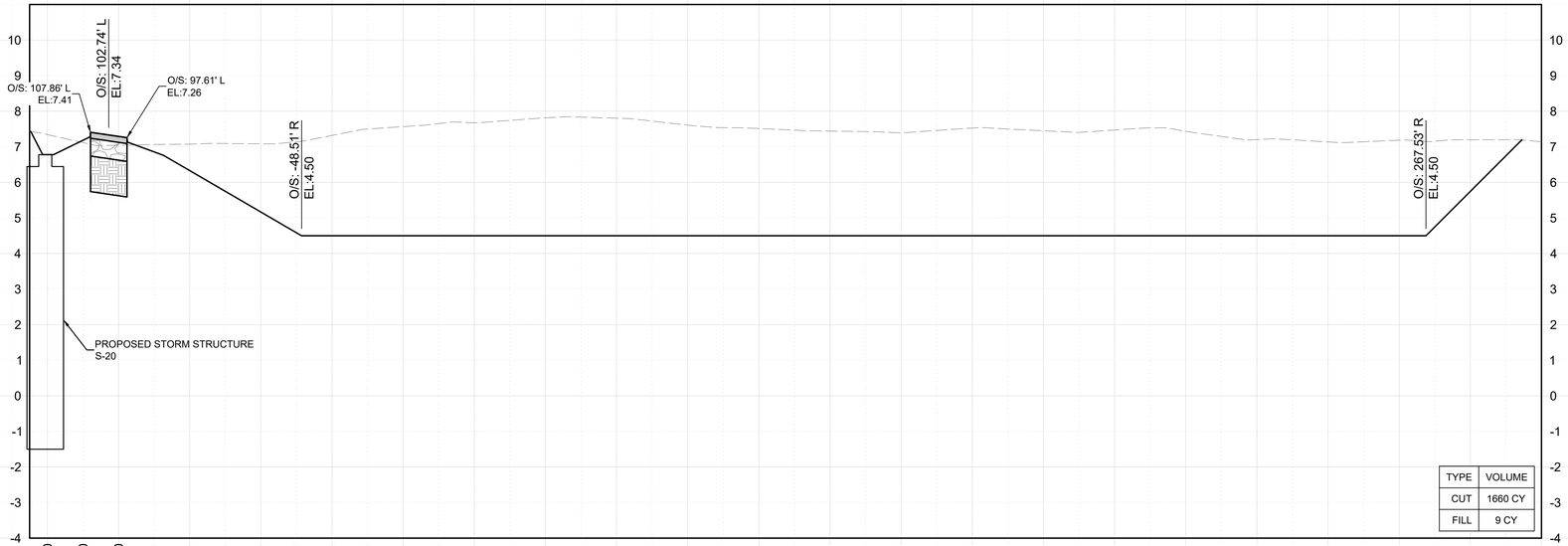
TYPE	VOLUME
CUT	1541 CY
FILL	8 CY

437+00.00



TYPE	VOLUME
CUT	1603 CY
FILL	8 CY

437+50.00



TYPE	VOLUME
CUT	1660 CY
FILL	9 CY

LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

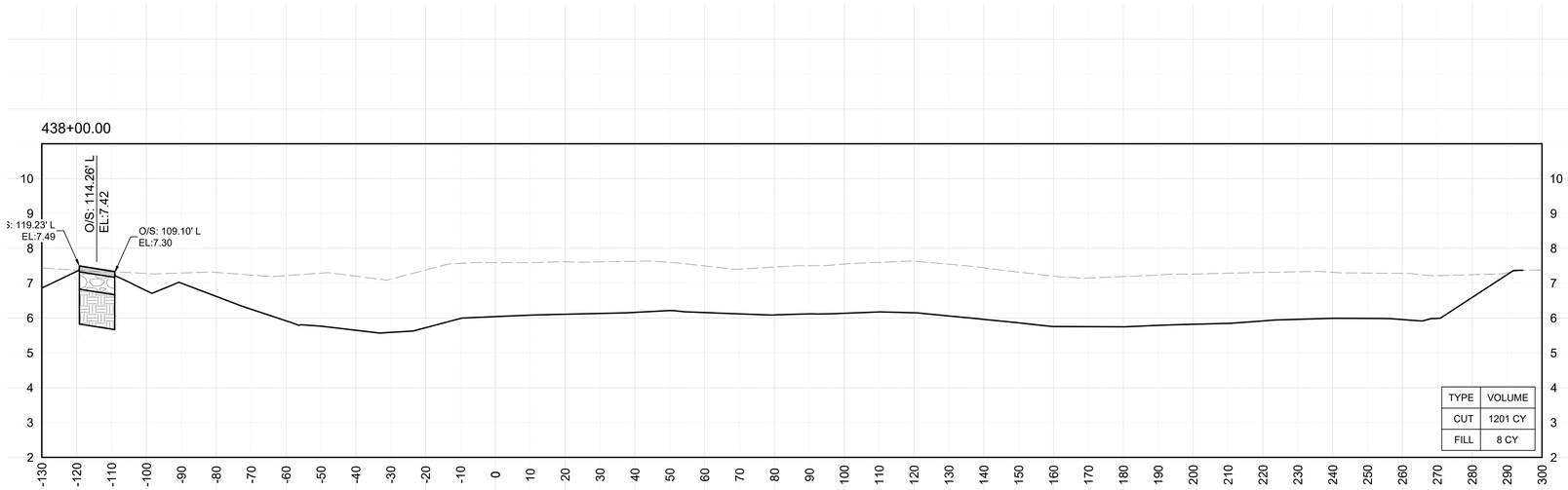
HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-144

FILENAME: C:\PWWORKING\EAST01\D3123628\103653681X-101.DWG
PLOT DATE: 2025/03/27 AT 1:04 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL



LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
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MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

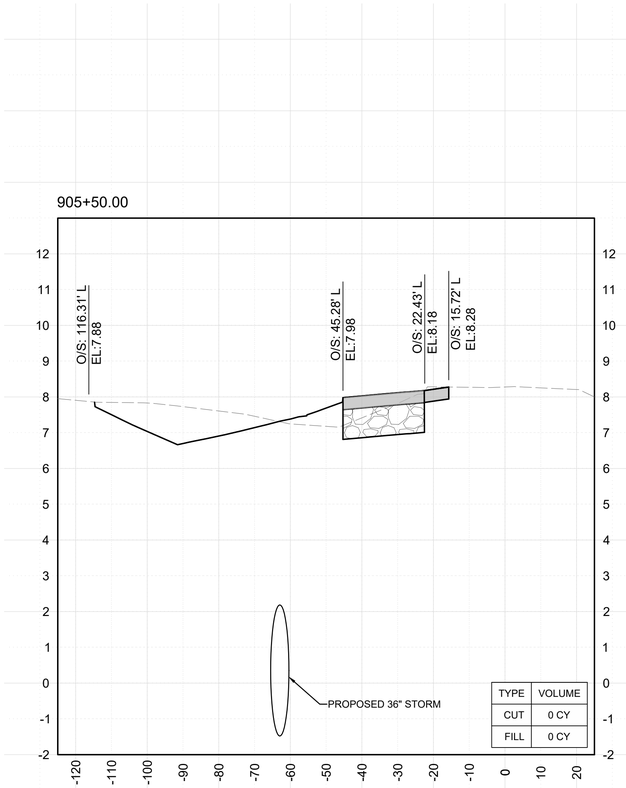
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

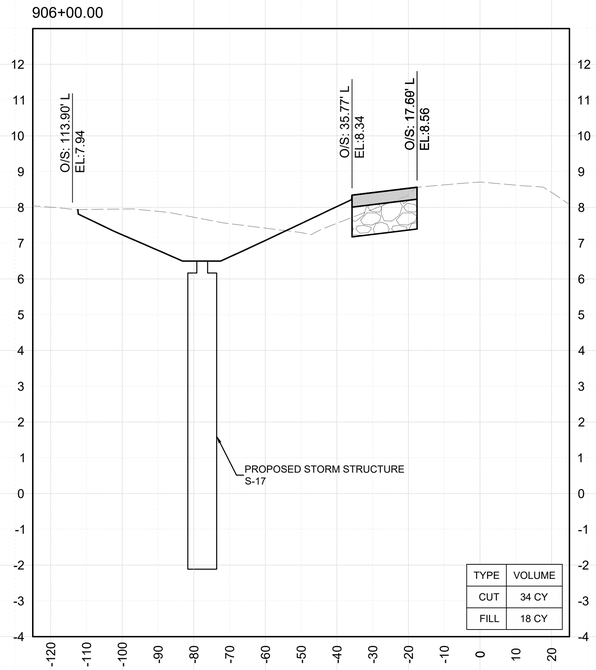
CROSS SECTIONS- TAXIWAY C

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-145

FILENAME: C:\PWWORKING\EAST01\D3123628\10365381X-101.DWG
PLOT DATE: 2025/03/27 AT 1:04 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL





LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

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11/22/2024	
PROJECT PHASE:	
BID DOCUMENTS	

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SUBMITTED BY:	R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, STE 200
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY C9

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
X-146

FILENAME: C:\PWWORKING\EAST01\D312362B\103653814X-101.DWG
PLOT DATE: 2025/03/27 AT 1:04 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

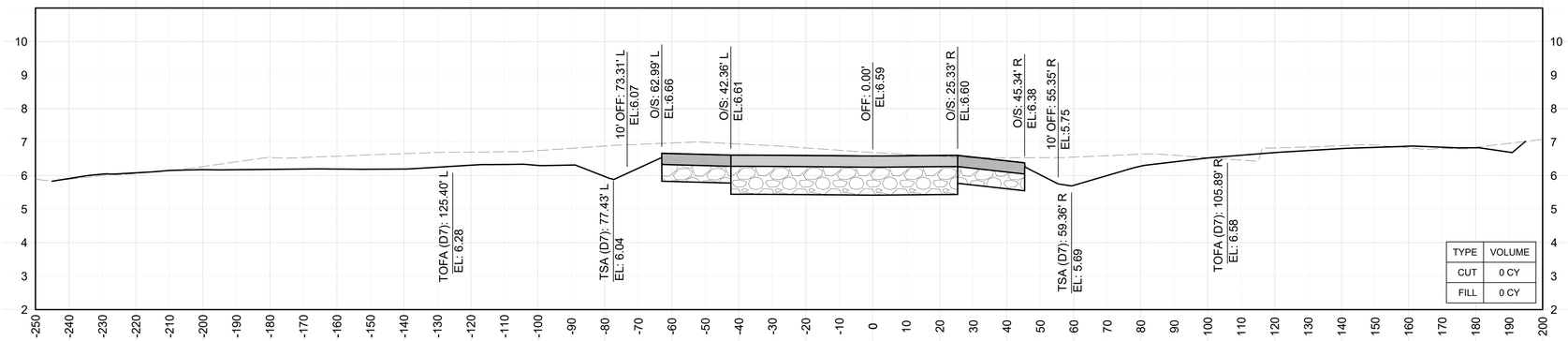
LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

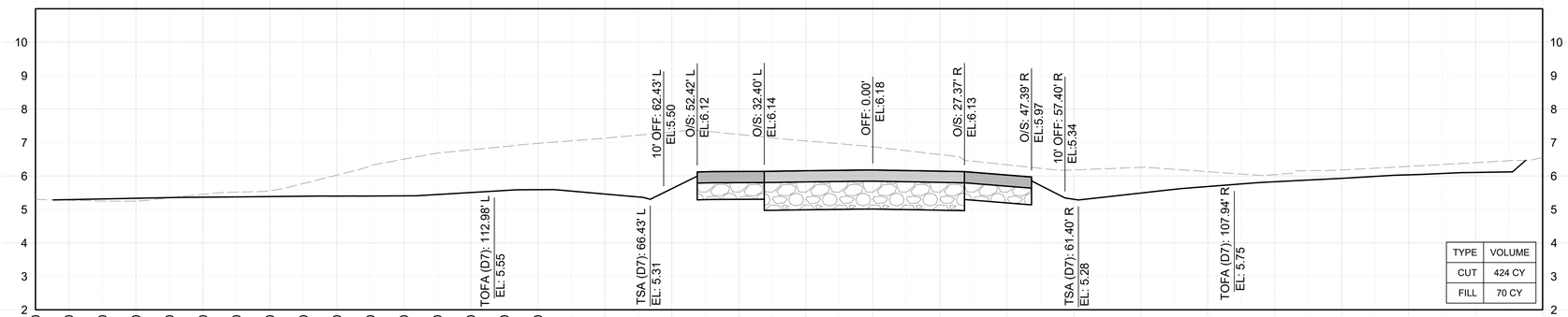
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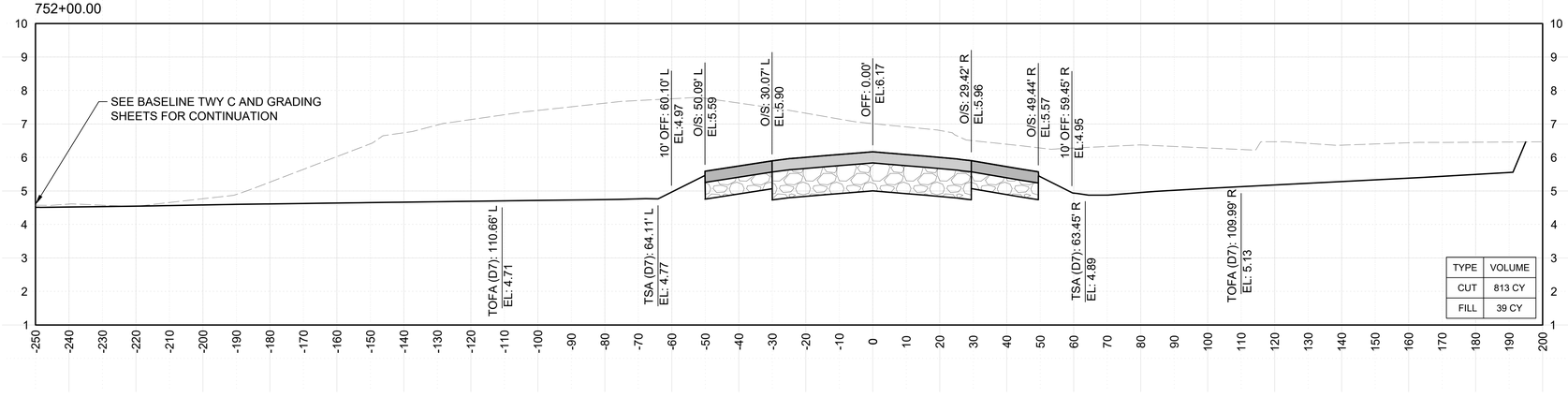
751+00.00



751+50.00



752+00.00



GRAPHIC SCALE (IN FEET)
20' 0' 20' 40'

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
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PROJECT PHASE:	BID DOCUMENTS
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SUBMITTED BY:	R. DOSSANI

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P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY D7

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

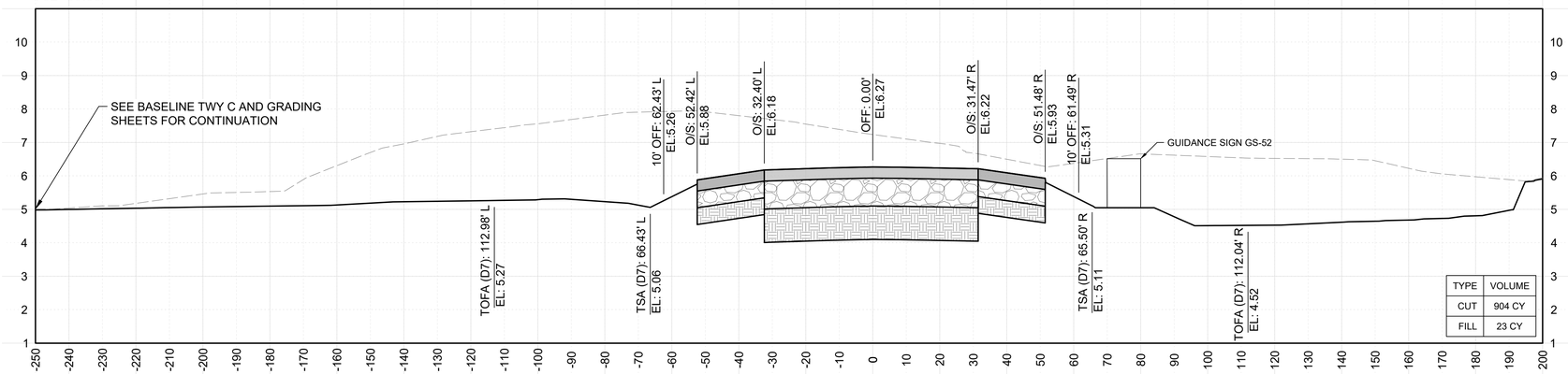
SHEET ID
X-147

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AUTHOR: TOLLETTE, SAMUEL

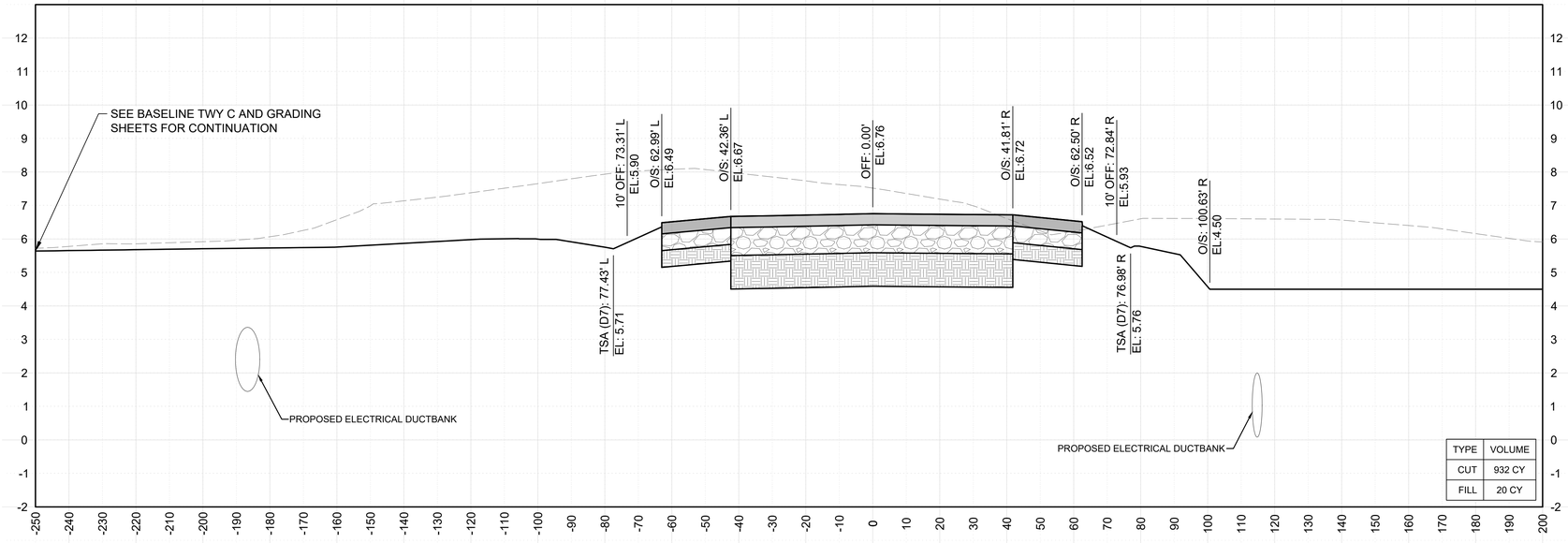
LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

752+50.00



753+00.00



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20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
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MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

CROSS SECTIONS- TAXIWAY D7

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W1225A

SHEET ID
X-148

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PLOT DATE: 2025/03/27 AT 1:05 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

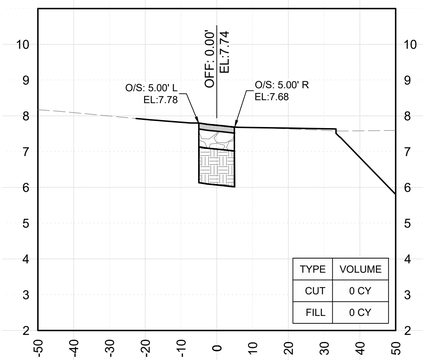
LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

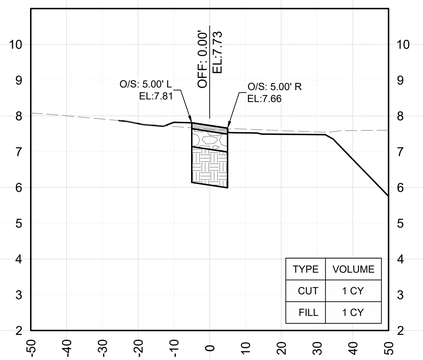
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50+48.05



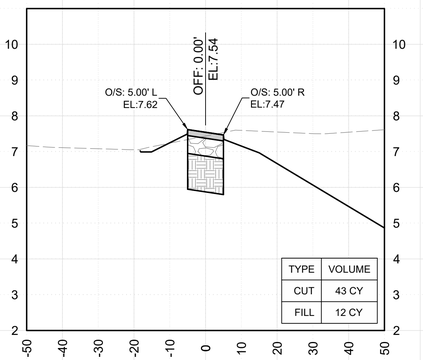
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FILL	0 CY

50+50.00



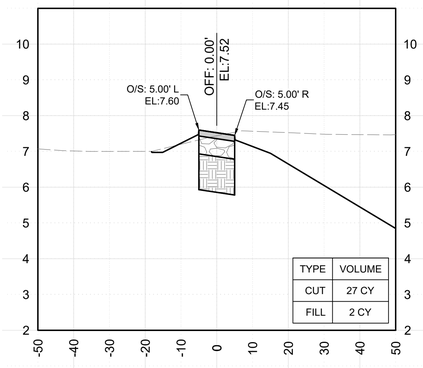
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FILL	1 CY

50+85.59



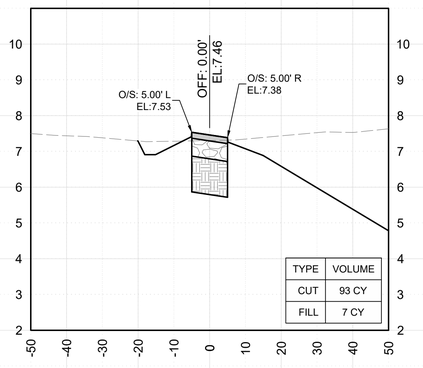
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CUT	43 CY
FILL	12 CY

51+00.00



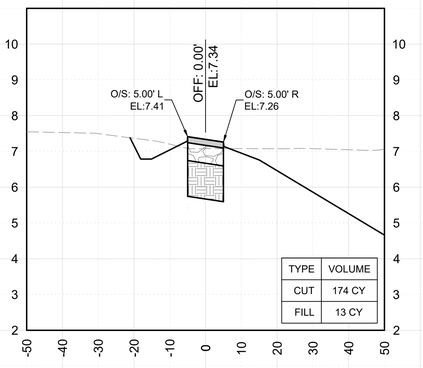
TYPE	VOLUME
CUT	27 CY
FILL	2 CY

51+50.00



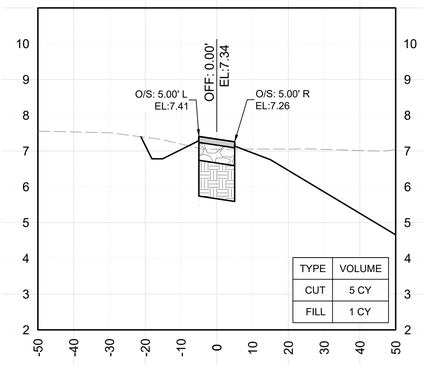
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FILL	7 CY

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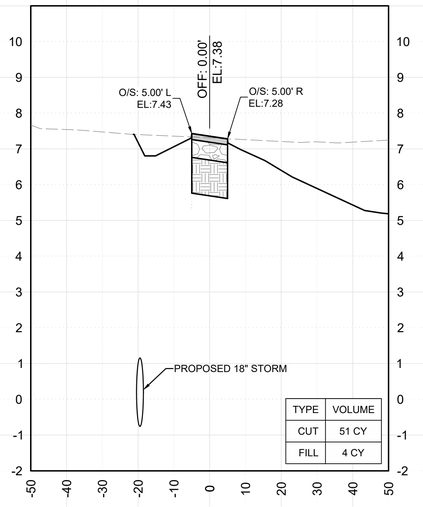
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FILL	13 CY

52+50.00



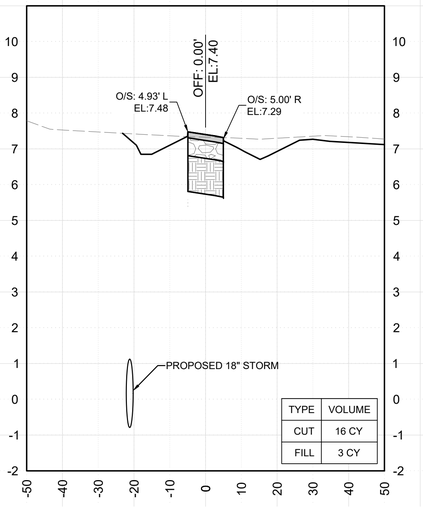
TYPE	VOLUME
CUT	5 CY
FILL	1 CY

52+83.77



TYPE	VOLUME
CUT	51 CY
FILL	4 CY

53+00.00



TYPE	VOLUME
CUT	16 CY
FILL	3 CY

20' 0' 20' 40'

GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL

TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

DESIGNED BY:	R. DOSSANI
DRAWN BY:	S. TOLLETTE
CHECKED BY:	W. BOWDOIN
SUBMITTED BY:	R. DOSSANI
ISSUE DATE:	11/22/2024
PROJECT PHASE:	BID DOCUMENTS

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

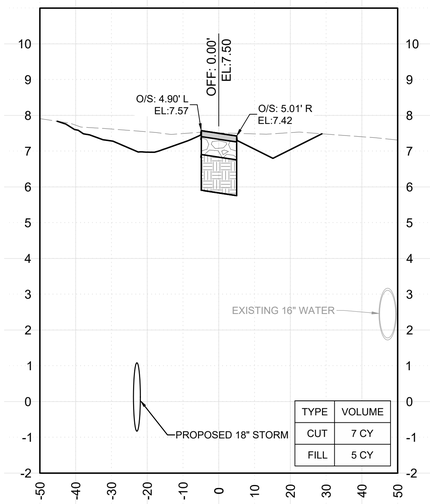
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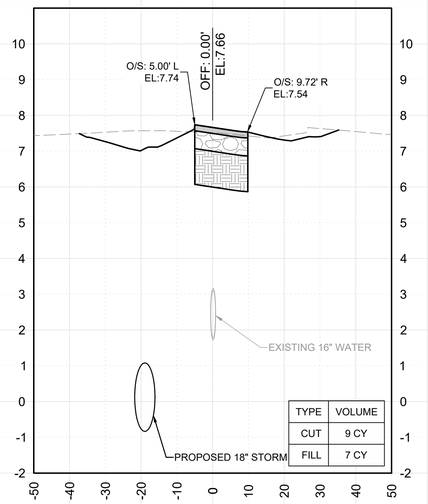
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MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

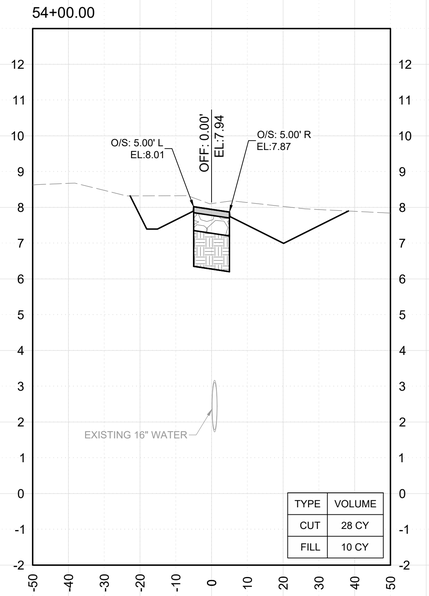
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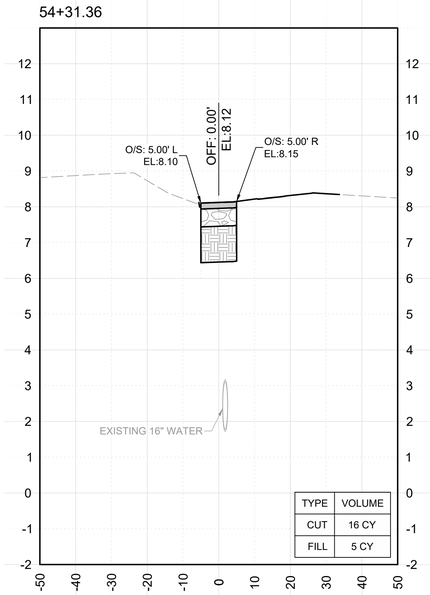
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PLOT DATE: 2025/03/27 AT 1:05 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL









LEGEND

- PROP. P401 HMA SURFACE COURSE
- PROP. P401 HMA SURFACE COURSE (SHOULDER)
- PROP. P-211 LIMEROCK BASE COURSE
- PROP. P-154 SUBBASE COURSE

NOTES

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. CUT AND FILL QUANTITIES ARE MEASURED AND PAID AS DESCRIBED IN THE P-152 SPECIFICATION. CUT AND FILL QUANTITY SHOWN ARE FOR REFERENCE ONLY.
3. REFER TO GEOMETRY AND PAVING PLANS (SHEETS C-301 TO C-313) FOR ADDITIONAL INFORMATION ON PAVEMENT TYPES AND LIMITS.

20' 0' 20' 40'
GRAPHIC SCALE
(IN FEET)

MARK	DESCRIPTION	DATE
-	-	-

LICENSED PROFESSIONAL
TIMOTHY J. FISH
FL PE NO.: 70617
DATE:

ISSUE DATE: 11/22/2024
PROJECT PHASE: BID DOCUMENTS

DESIGNED BY: R. DOSSANI
DRAWN BY: S. TOLLETTE
CHECKED BY: W. BOWDOIN
SUBMITTED BY: R. DOSSANI

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
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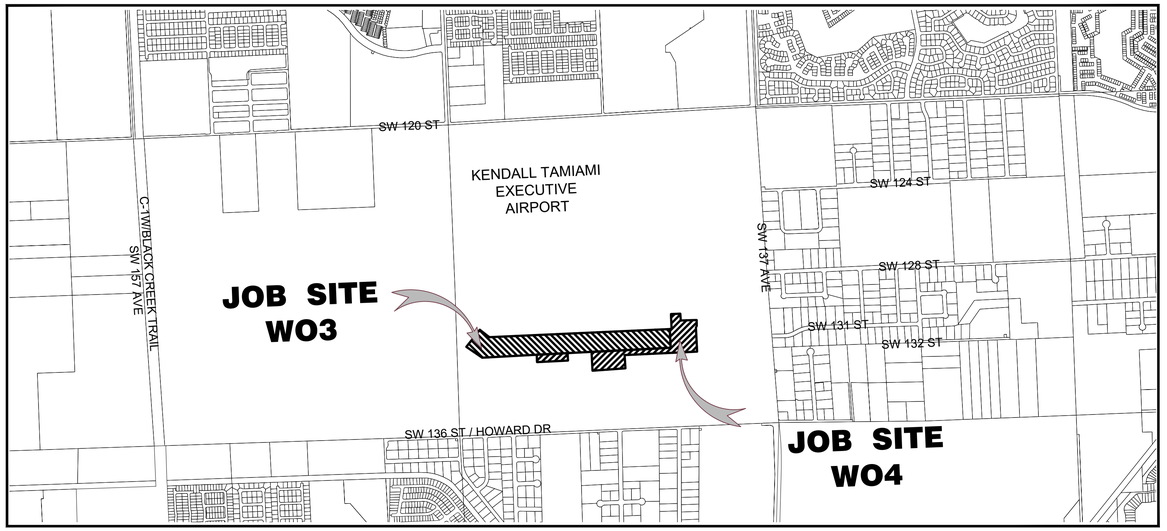
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TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
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PLOT DATE: 2025/03/27 AT 1:05 PM LOCAL TIME
AUTHOR: TOLLETTE, SAMUEL

MAP OF TOPOGRAPHIC S U R V E Y
Miami Executive Airport (TMB)



LOCATION MAP
SCALE: 1" = 600'

A PORTION OF SECTIONS 15 AND 16 - TOWNSHIP 55 SOUTH - RANGE 39 EAST
LYING AND BEING IN THE MIAMI-DADE COUNTY FLORIDA

SURVEY LIMITS:

A portion of the Miami Executive Airport, (See location Map)

SURVEYOR'S REPORT:

1) Survey Type: Topographic Survey

2) Last day of field work: April 25, 2024
Field Book: 920, Pages 81
963, Pages 75 to 80

3) North is based in assumed grid North as established by the National Ocean Service (NOS) and bearings and coordinates are relative to the Florida State Plane Coordinate System, East Zone 0901, North American Datum (NAD) 1983 adjustment of 2011 (NAD83/2011)-Epoch 2011.0000.

Primary Controls NGS (National Geodetic Survey), NEWTAM AZ and TMB ARP, established by Static System GPS, method is based on observation sessions of not less than 4 hours and post-processed in Leica Infinity. RINEX data for postprocessing were obtained from FDOT Permanent Reference Network listed below.

POINT ID	POINT ROLE	NORTHING [NAD83/2011] - [fIUS]	EASTING [NAD83/2011] - [fIUS]	ORTHO HEIGHT [fIUS]	3D CQ [fIUS]	3D CQ [fIUS]	3D CQ [fIUS]
NEWTAMAZ	AVEREGED	478,147.484	845,256.968	7.987	0.004	0.003	0.000
ARP	AVEREGED	478,069.319	843,045.480	6.250	0.009	0.007	0.000

All referenced stations are part of the National Geodetic Survey.
https://geodesy.noaa.gov/datasheets/ngs_map/

Static (GPS) measurements were conducted in the field to acquire Control Points (TBMs#1-#2 and AT1-AT3-AT4) coordinate values by Radial baseline techniques and the maximum acceptable positional tolerance, based on the 95% Confidence Level, is: 0.05 feet horizontal.

Control points AT1, AT2, AT3, AT4, AT5, AT6, AT7 and AT8 were Set with a GPS instrument Leica GNSS18T, performing Real Time, 2 Measurements of 3 minutes at 2 different times, spaced 2 hours in between, from 2 different bases NEWTAMAZ and ARP (Primary Controls). The average was found to be:

POINT ID	POINT ROLE	NORTHING [NAD83/2011] - [fIUS]	EASTING [NAD83/2011] - [fIUS]	ORTHO HEIGHT [fIUS]	3D CQ [fIUS]	3D CQ [fIUS]	3D CQ [fIUS]
AT1	AVEREGED	477,452.236	847,324.824	8.452	0.015	0.003	0.000
AT3	AVEREGED	477,260.902	847,618.810	7.209	0.017	0.016	0.003
AT4	AVEREGED	476,963.269	847,574.289	7.217	0.021	0.020	0.005
AT5	AVEREGED	476,705.194	846,277.036	6.581	0.014	0.014	0.000
AT6	AVEREGED	476,695.591	846,083.036	6.535	0.017	0.017	0.000
AT7	AVEREGED	476,934.421	845,483.689	7.278	0.008	0.007	0.002
AT8	AVEREGED	476,898.492	845,057.064	7.023	0.014	0.014	0.002

AT1, AT2, AT3, AT4, AT5, AT6, AT7 and AT8 were adjusted through the Averages method in Leica Infinity Software, resulting in the coordinates and elevation shown before.
Application Software: Leica Infinity 3.4.0.

Coordinate System Name:	FL E NAD83 18 GRS80
Ellipsoid:	GRS 1980
Projection Type:	Transverse Mercator
Geoid Model:	FLGeoid18 GRS80

The basis of bearing was found to bear N87°27'22"E, along the line between monuments TBM#1 and TBM#5 as per FR-Aleman and Associates, said line to be considered a well established and monumented line.

TEMPORARY BENCHMARK / REFERENCE POINT TABLE						
NAME	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
TBM#1	477,065.25'	843,663.80'	7.03'	46+00	ONLINE	SET MAG NAIL AND WASHER (LB 6785)
TBM#2	477,105.19'	844,562.91'	7.13'	55+00	ONLINE	SET IRON ROD WITH CAP (LB 6785)
TBM#3	477,131.82'	845,162.32'	7.23'	61+00	ONLINE	SET MAG NAIL AND WASHER (LB 6785)
TBM#4	477,220.59'	847,160.35'	6.58'	81+00	ONLINE	SET 80 D NAIL NAIL AND WASHER (LB 6785)
TBM#5	477,242.78'	847,659.86'	7.26'	86+00	ONLINE	SET 80 D NAIL NAIL AND WASHER (LB 6785)

4) The subject property lies within a Flood hazard having a flood designation of:
Flood zone: AH Base Flood Elevation: 8
Flood zone: X
As per firm: Community Number: 120635 (Miami-Dade County)
PANEL: 443 SUFFIX: L
DATE: 9/11/2009 FEMA MAP NUMBER: 12086C0443L

5) The horizontal accuracy obtained by field measurement methods and office calculations of a closed geometric figure resulted in a linear accuracy of 1 foot in 7,500 feet.

6) The elevations shown herein are based on level run closure between the items listed in item 8 shown below, and exceeds a standards of plus or minus 0.05 feet times the square root of the distance in miles.

7) All elevations shown hereon are based on the National American Vertical Datum (NAVD) of 1988, and BenchMark (BC-54) taken from the National Geodetic Survey Database.

Beginning: Benchmark: BC-54 Elevation (NAVD'88): +6.96'
Elevation (NGVD'29): +8.50' conversion factor -1.54'
Located at SW 136 St -201' South of centerline and SW 147 Ave - 20' East of centerline.

Measuring: L-186 Elevation (NAVD'88): +6.74'
Elevation (NGVD'29): +8.27' conversion factor -1.53'
Located at SW 136 St - 70' North of centerline and SW 137 Ave - 15' West of west edge of pavement.

Ending: Benchmark: TBM ARP Elevation (NAVD'88): +6.25'.
Located at SW 128 St inside Airport.

8) All dimensions shown are based on the US Survey foot.

9) Well identified features depicted on this Survey Map were measured to an estimated horizontal position accuracy of 1/10 of a foot.

10) Elevations shown on hard surfaces are accurate up to one hundredth of a foot (0.01'); Elevations shown on soft surfaces are accurate up to one tenth of a foot (0.1').

11) This Survey Map is intended to be displayed at a scale of One inch equals Forty feet or smaller.

RESTRICTIONS:

This is not a Boundary Survey

This survey is subject to easements and other restrictions or dedications which might be reflected in a search of title to the subject lands.

Since no other information was furnished other than may be cited herein, the client is hereby advised that there may be legal restrictions of record that are not shown on the Survey Map that may be found in the public records of Miami-Dade County, Florida.

The Surveyor makes no representation as to ownership or possession of the subject property by any entity or individual that may appear in the public records of this County.

No excavations were performed.

No improvements were located, other than those shown. No underground foundations, improvements and/or utilities were uncovered.

Fence ownership not determined.

The utility lines designated by F.R. Aleman and Associates, Inc., as shown on this survey were obtained by using standard geophysical prospecting techniques. The accuracy of the horizontal location of these lines depends on the designation methods used. Ground Penetrating Radar (GPR) and Electromagnetic's designation methods were used to mark the underground utility lines on the surface, this methods accuracy is plus or minus 1.5 feet approximately. F.R. Aleman and Associates does not guarantee the accuracy of such designations as substitutions for as-built information obtained during demolition, excavation, or construction activities, or by the use of more precise Subsurface Utility techniques as vacuum excavation.

PURPOSE OF SURVEY:

The purpose of this survey is to depict the capture of horizontal and vertical field data on a delimited area, with the intent to develop base mapping for the preparation of Engineering design documents.

CLIENT INFORMATION:

This Topographic Survey was prepared at the insistence of and certified to:
Miami-Dade Aviation Department
HDR

SURVEYOR'S CERTIFICATE:

I hereby certify that this TOPOGRAPHIC SURVEY and the Survey Map resulting there from were performed under my direction and are true and correct to the best of my knowledge and belief and further. The undersigned further certifies that this Survey Map meets the intent of the applicable provisions of the Standards of Practice, adopted by the Board of Professional Surveyors and Mappers, pursuant to Chapter 5J-17 of the Florida Administrative Code and its implementing law, Chapter 472.027 of the Florida Statutes.

Aleman & Associates, Inc. (LB 6785)
Electronically Signed and Sealed on behalf for the firm:

_____
Gaspar a. Lobaina, PE, PLS
Professional Land Surveyor #2873
State of Florida

The date of the digital signature does not reflect the last date services were performed in the field. The last field visit is recorded in "Date of file " of the "Surveyor's Notes". The date of the digital signature does not reflect an Update Survey.
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Additions or deletions to Survey Maps by other than signing party are prohibited without the written consent of the signing party.

This Topographic Survey is not full and complete without sheets V-100 thru V-104

MIAMI-DADE COUNTY

MARK	DESCRIPTION	DATE

ISSUE DATE: 05/20/2024
PROJECT PHASE: 75% DESIGN
TECHNICAL NOTES:
DESIGNED BY:
DRAWN BY:
CHECKED BY: GASPAR A. LOBAINA
SUBMITTED BY:

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

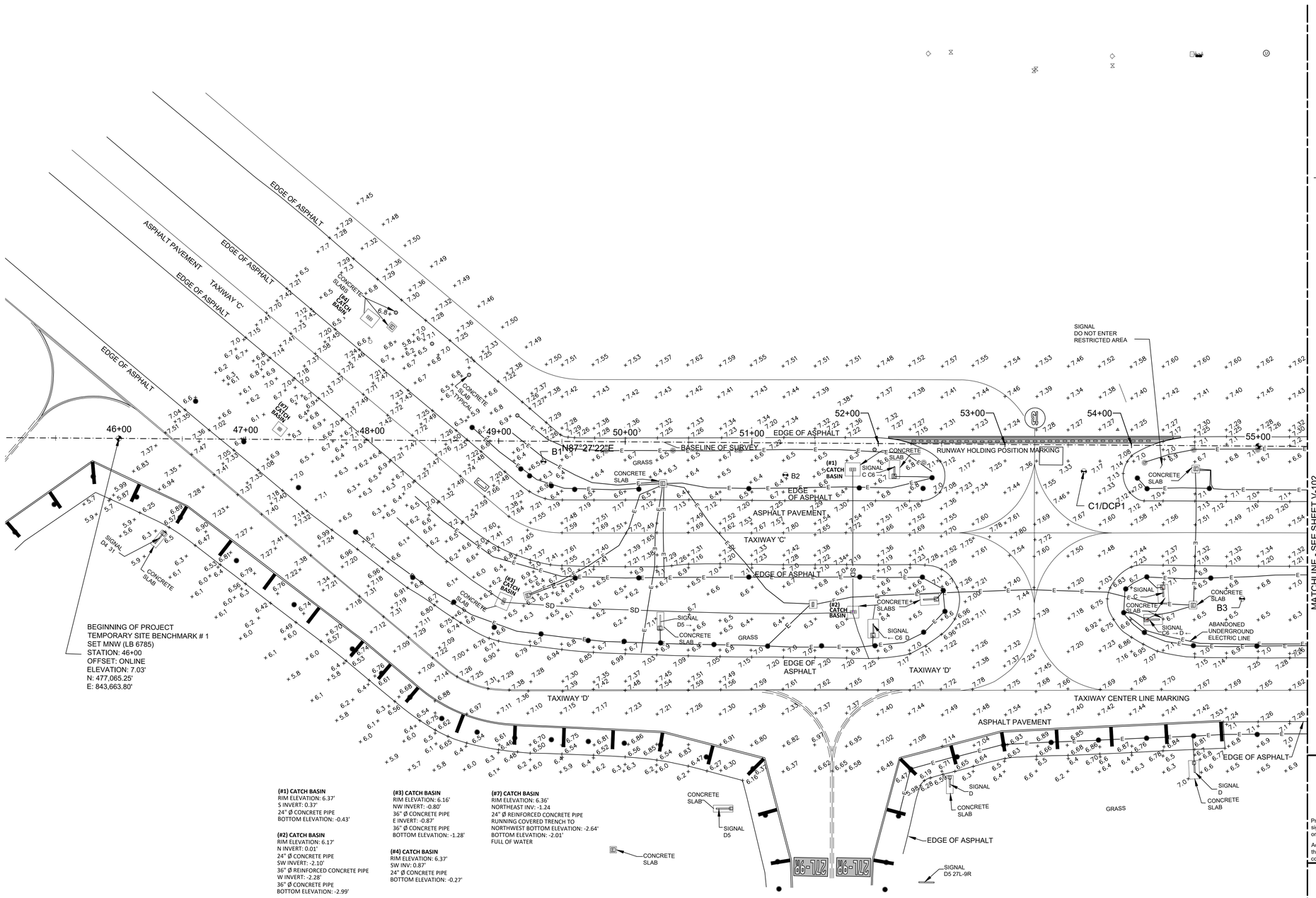
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

TOPOGRAPHIC SURVEY
COVER SHEET

TAXIWAY C EAST EXTENSION
MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
V-100

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PLOT DATE: 2024/06/14 AT 11:49 AM LOCAL TIME
AUTHOR: ANA SUAREZ

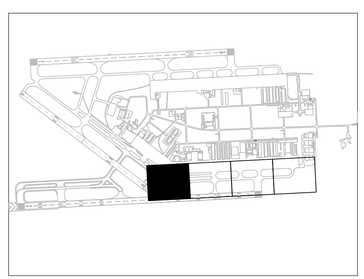


LEGEND

- BORING HOLE
- CATCH BASIN
- DRAINAGE MANHOLE
- ELECTRIC BOX
- ELECTRIC MANHOLE
- JOISTING BOX
- PAPI LIGHT
- E — UNDERGROUND ELECTRIC LINE
- AIRFIELD GROUND LIGHTING WITH CONCRETE SLAB
- SIGN
- TAXIWAY ELEVATED LIGHT
- LIGHT WITH CONCRETE SLAB
- TEMPORARY BENCHMARK
- RUNWAY EDGE LIGHTS WITH CONCRETE SLAB
- HYDRANT
- UNKNOWN MANHOLE
- SEWER VALVE
- WATER VALVE
- ELECTRICAL CONNECTION WHIT CONCRETE SLAB

GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

KEY MAP



MARK	DESCRIPTION	DATE

DATE:

ISSUE DATE: 05/20/2024
PROJECT PHASE: 75% DESIGN
DESIGNED BY:
DRAWN BY:
CHECKED BY: G.A. LOBAINA
SUBMITTED BY:

MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 230
DORAL, FL 33166
(305) 728-7452

FRALEMAN

FR Aleman & Associates, Inc.
10305 NW 41 Street, Suite 200, Doral, FL 33178
Phone: 305.591.8777
Fax: 305.599.8749 LB: 6785

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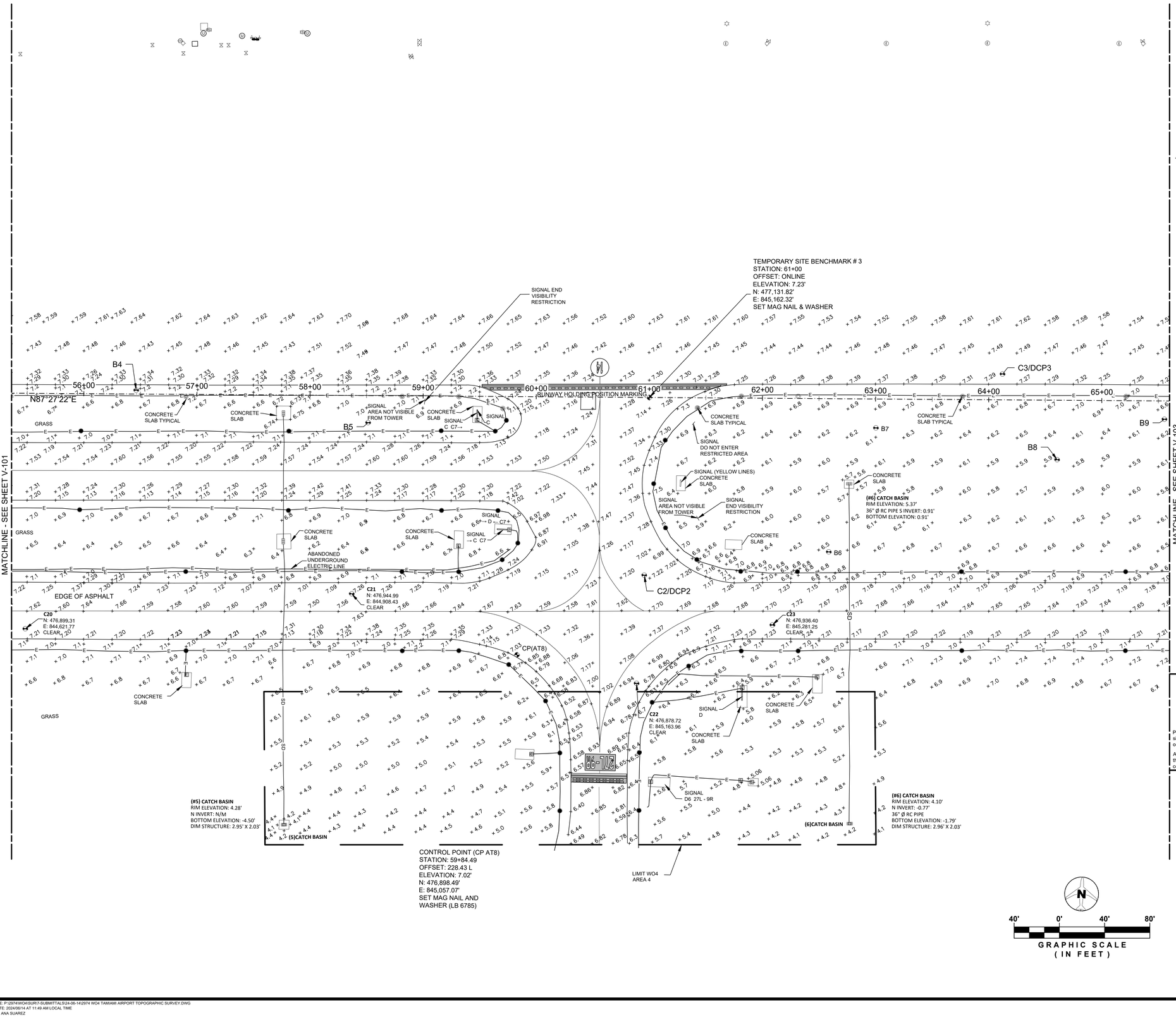
TOPOGRAPHIC SURVEY

TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
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PLOT DATE: 2024/06/14 AT 11:54 AM LOCAL TIME
AUTHOR: ANA SUAREZ



LEGEND

- BORING HOLE
- CATCH BASIN
- DRAINAGE MANHOLE
- ELECTRIC BOX
- ELECTRIC MANHOLE
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GRAPHIC SCALE (IN FEET)
40' 0' 40' 80'

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SUBMITTED BY:

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MIAMI, FLORIDA 33102-5504

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8333 NW 53RD STREET, SUITE E230
DORAL, FL 33166
(305) 728-7452

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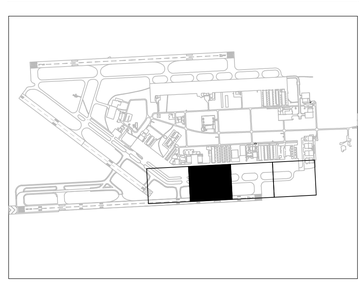
FR Aleman & Associates, Inc.
10305 NW 41 Street, Suite 200, Doral, FL 33178
Phone: 305.591.8777
Fax: 305.599.8749 LB: 6785

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KEY MAP



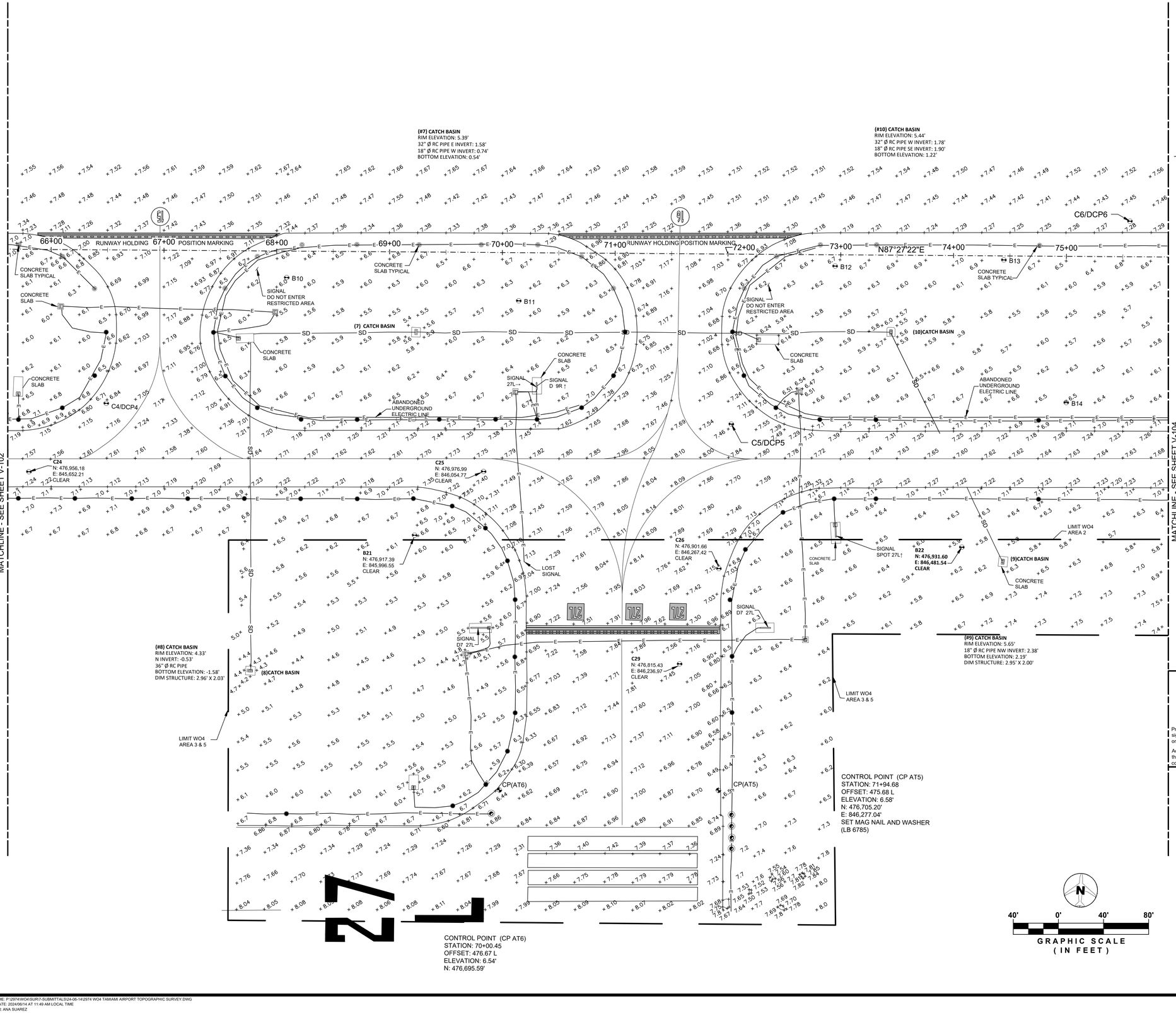
TOPOGRAPHIC SURVEY

TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID
V-102

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PLOT DATE: 2024/06/14 AT 11:49 AM LOCAL TIME
AUTHOR: ANA SUAREZ



LEGEND

- BORING HOLE
- CATCH BASIN
- DRAINAGE MANHOLE
- ELECTRIC BOX
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- WATER VALVE
- ELECTRICAL CONNECTION WHIT CONCRETE SLAB

FR ALEMAN

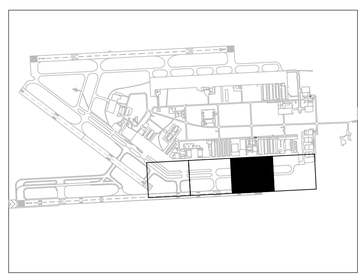
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KEY MAP



MIAMI-DADE AVIATION DEPARTMENT
MIAMI EXECUTIVE AIRPORT (TMB)
P.O. BOX 025504
MIAMI, FLORIDA 33102-5504

HDR ENGINEERING, INC.
8333 NW 53RD ST, SUITE 230
DORAL, FL 33166
(305) 728-7452

DESIGNED BY:	ISSUE DATE: 05/20/2024
DRAWN BY:	PROJECT PHASE: 75% DESIGN
CHECKED BY: G.A. LOBAINA	
SUBMITTED BY:	

MARK	DESCRIPTION	DATE

DATE:

TOPOGRAPHIC SURVEY

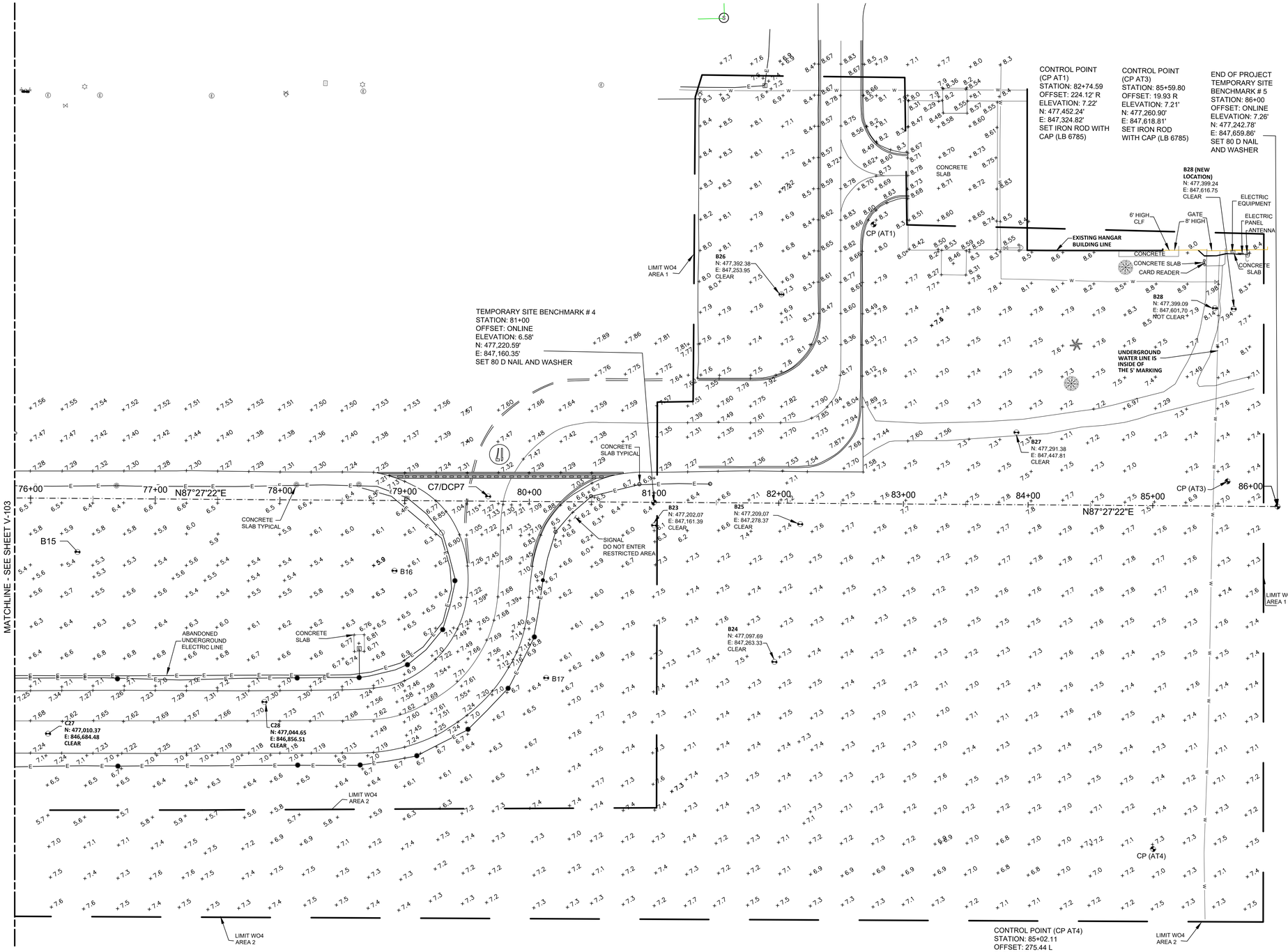
TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

V-103

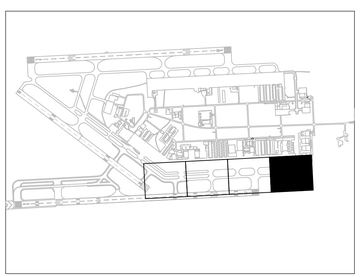
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PLOT DATE: 20240616 AT 11:49 AM LOCAL TIME
AUTHOR: ANA SUAREZ



LEGEND

- BORING HOLE
- CATCH BASIN
- DRAINAGE MANHOLE
- ELECTRIC BOX
- ELECTRIC MANHOLE
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KEY MAP



MARK	DESCRIPTION	DATE

DATE:

ISSUE DATE: 05/20/2024
PROJECT PHASE: 75% DESIGN

DESIGNED BY:
DRAWN BY:
CHECKED BY: G.A. LOBAINA
SUBMITTED BY:

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TOPOGRAPHIC SURVEY

TAXIWAY C EAST EXTENSION

MIAMI EXECUTIVE AIRPORT (TMB)
MDAD PROJECT NO. W125A

SHEET ID

V-104

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