

Quonset State Airport

Runway 16/34 Reconstruction

**North Kingstown, Rhode Island
RIAC Construction Contract No.
33604**

Pre- Bid Meeting
Friday, February 24, 2023



Quonset
State Airport

Kimley»Horn
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Agenda

- Sign-In/Introductions
- Project Description
- Solicitation Schedule
- Bid Forms and Documents
- FAA General Provisions
- FAA Mandatory Requirements
- Other Pertinent Information
- Questions
- Site Visit

Introductions

RHODE ISLAND AIRPORT CORPORATION (RIAC)

Guy Zummo – Senior Vice President, Chief Infrastructure Officer

Jessica Damicis, PE – Assistant Vice President, Engineering

DESIGN TEAM

Paul Piro, PE – Kimley-Horn & Associates

Ryan Burkett - Kimley-Horn & Associates

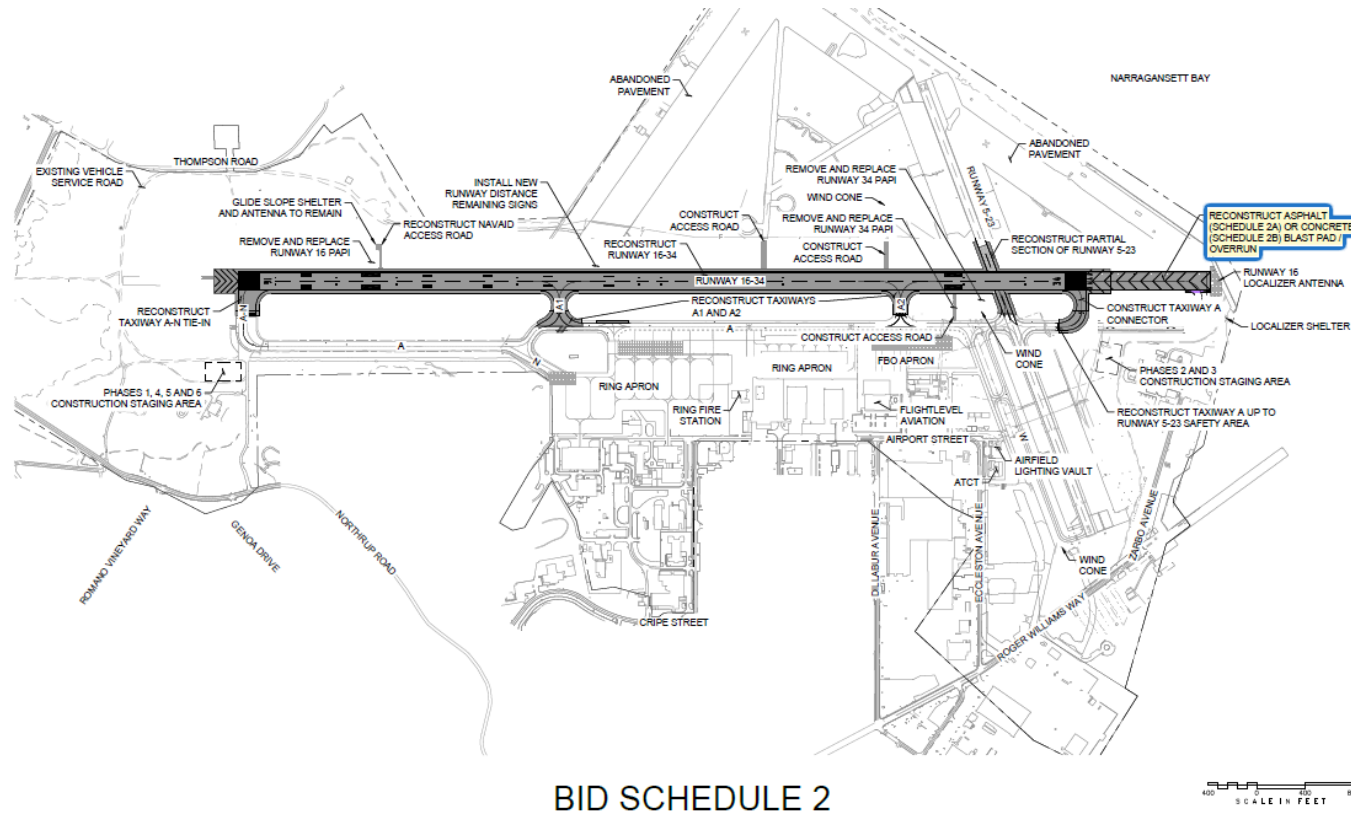
Runway 16/34 Reconstruction



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Project Description



BID SCHEDULE 2

400 0 400
SCALE IN FEET



Runway 16/34 Reconstruction



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Solicitation Schedule

Solicitation Advertisement	February 16, 2023
Pre-Bid Conference & Site Visit	February 24, 2023, 2:00 pm
Deadline for Questions	February 27, 2023, 2:00 pm
Last Addendum Published	March 3, 2023, 2:00 pm
Bid Opening	March 17, 2023, 2:00 pm

Contract Documents are available for examination and/or download online at www.flyri.com/riac/procurement. RIAC's support contact e-mail is procurement@pvdairport.com. This is the only way to be notified of solicitations and all addenda or other revisions issued during the bidding process.

All questions or requests for clarification regarding the bid documents or the project are to be submitted by email to the Office of Procurement at procurement@pvdairport.com.

Bid Forms and Documents

- DIVISION 0 – BIDDING AND CONTRACT DOCUMENTS
- DIVISION 1 – GENERAL PROVISIONS
- FAA GENERAL CONTRACT PROVISIONS
- TECHNICAL SPECIFICATIONS

FAA General Provisions

- SECTION 10 DEFINITION OF TERMS
- SECTION 20 PROPOSAL REQUIREMENTS AND CONDITIONS
- SECTION 30 AWARD AND EXECUTION OF CONTRACT
- SECTION 40 SCOPE OF WORK
- SECTION 50 CONTROL OF WORK
- SECTION 60 CONTROL OF MATERIALS
- SECTION 70 LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC
- SECTION 80 EXECUTION AND PROGRESS
- SECTION 90 MEASUREMENT AND PAYMENT

FAA Mandatory Requirements

- Affirmative Action - Equal Employment Opportunity (EEO)
- Davis Bacon Requirements
- DBE Goals and Good Faith Effort
- Buy American
- All other FAA Mandatory Requirements
- Certification Of Offeror/Bidder Regarding Tax
- Delinquency And Felony Convictions

Construction Schedule and Impact on Airfield

		Calendar Year (RW Only)													
Tasks	Approximate Duration (months)	2023		2024				2025				2026			
NTP - 8/4/2023		Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Administrative Prep	7														
Winter Shutdowns (Dec-Apr)	4														
Phase 1	8				RW 16/34										
Winter Shutdowns (Dec-Apr)	4														
Phase 2	3								RW5/23						
Runway Closures:															
	8 months					RW 16/34 Closed									
	3 months									RW5/23					



Runway 16/34 Reconstruction



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Other Pertinent Information

- Airport Access/Security – Badging through PVD
- Submittal of Safety Plan Compliance Document
- DBE Goal of 9.56%
- Bid to be awarded within 180 days of bid opening
- Mobilization, C-105
- FAA Material Requirements
- Quality Control/Quality Assurance
- Liquidated Damages, GP-80

Quonset State Airport

Runway 16/34 Reconstruction

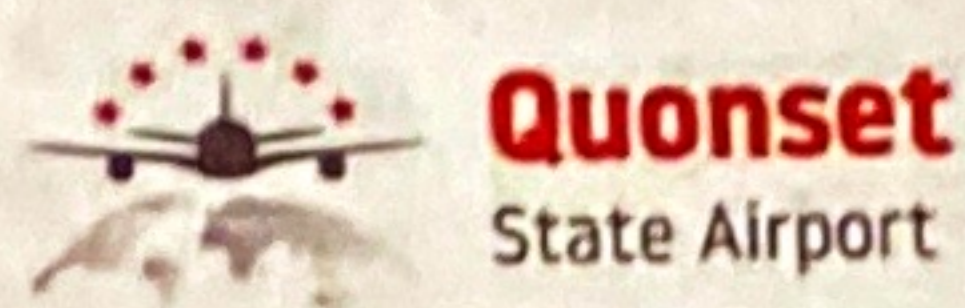
THANK YOU!



Quonset
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Thursday, February 24, 2023

Quonset State Airport
Runway 16/34 Reconstruction

Name	Company	Role	DBE (Y/N)	Contact Number	Email
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Rachel Luna	VHB	Engineer		781-752-7122	rluna@vhb.com

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SHEET INDEX					
NO.	SHEET	DESCRIPTION	SCHEDULE	STATION BEGIN	STATION END
1	C1.1	COVER SHEET	--	--	--
2	C1.2	SHEET INDEX	--	--	--
3	C1.3	SHEET INDEX	--	--	--
4	C1.4	ABBREVIATIONS AND LEGEND	--	--	--
5	C1.5	SUMMARY OF QUANTITIES	--	--	--
6	C1.6	SUMMARY OF QUANTITIES	--	--	--
7	C1.7	GENERAL NOTES	--	--	--
8	C1.8	CONSTRUCTION SAFETY NOTES AND MISC. DETAILS	--	--	--
9	C1.9	PROJECT LAYOUT PLAN	BID SCHEDULE 1	--	--
10	C1.10	PROJECT LAYOUT PLAN	BID SCHEDULE 2	--	--
11	C1.11	PROJECT LAYOUT PLAN	BID SCHEDULE 3	--	--
12	C1.12	HORIZONTAL AND VERTICAL CONTROL PLAN	--	--	--
16	C2.1	BORING LAYOUT PLAN	--	--	--
17	C3.0	OVERALL CONSTRUCTION SAFETY AND PHASING PLAN	--	--	--
18	C3.1	CONSTRUCTION SAFETY AND PHASING PLAN	BID SCHEDULE 3	--	--
19	C3.2	CONSTRUCTION SAFETY AND PHASING PLAN	BID SCHEDULE 3	--	--
20	C3.3	ELECTRICAL SAFETY AND PHASING PLAN	BID SCHEDULE 3	--	--
21	C3.4	CONSTRUCTION SAFETY AND PHASING PLAN	BID SCHEDULE 3	--	--
22	C3.5	CONSTRUCTION SAFETY AND PHASING PLAN	BID SCHEDULE 3	--	--
23	C3.6	ELECTRICAL SAFETY AND PHASING PLAN	BID SCHEDULE 3	--	--
24	C3.7	CONSTRUCTION SAFETY AND PHASING DETAILS	--	--	--
25	C3.8	CONSTRUCTION SAFETY AND PHASING DETAILS	--	--	--
26	C4.0	OVERALL DEMOLITION PLAN	--	--	--
27	C4.1	DEMOLITION PLAN	BID SCHEDULE 3	88+00	97+00
28	C4.2	DEMOLITION PLAN	BID SCHEDULE 3	97+00	106+00
29	C4.3	DEMOLITION PLAN	BID SCHEDULE 3	106+00	115+00
30	C4.4	DEMOLITION PLAN	BID SCHEDULE 3	115+00	124+00
31	C4.5	DEMOLITION PLAN	BID SCHEDULE 3	124+00	133+00
32	C4.6	DEMOLITION PLAN	BID SCHEDULE 3	133+00	141+00
33	C4.7	DEMOLITION PLAN	BID SCHEDULE 3	141+00	149+00
34	C4.8	DEMOLITION PLAN	BID SCHEDULE 3	149+00	158+00
35	C4.9	DEMOLITION PLAN	BID SCHEDULE 3	158+00	167+00
36	C4.10	DEMOLITION PLAN	BID SCHEDULE 3	167+00	176+00
37	C4.11	DEMOLITION PLAN	BID SCHEDULE 3	176+00	184+00
38	C4.12	DEMOLITION PLAN	BID SCHEDULE 3	88+00	97+00
39	C4.13	DEMOLITION PLAN	BID SCHEDULE 3	97+00	106+00
40	C4.14	DEMOLITION PLAN	BID SCHEDULE 3	106+00	115+00
41	C4.15	DEMOLITION PLAN	BID SCHEDULE 3	115+00	124+00
42	C4.16	DEMOLITION PLAN	BID SCHEDULE 3	124+00	133+00
43	C4.17	DEMOLITION PLAN	BID SCHEDULE 3	133+00	141+00
44	C4.18	DEMOLITION PLAN	BID SCHEDULE 3	141+00	149+00
45	C4.19	DEMOLITION PLAN	BID SCHEDULE 3	149+00	158+00
46	C4.20	DEMOLITION PLAN	BID SCHEDULE 3	158+00	167+00
47	C4.21	DEMOLITION PLAN	BID SCHEDULE 3	167+00	176+00
48	C4.22	DEMOLITION PLAN	BID SCHEDULE 3	176+00	184+00
49	C5.1	TYPICAL SECTIONS	--	--	--
50	C5.2	TYPICAL SECTIONS	--	--	--
51	C5.3	TYPICAL SECTIONS	--	--	--
52	C5.4	TYPICAL SECTIONS	--	--	--
53	C5.5	TYPICAL SECTIONS	--	--	--
54	C5.6	TYPICAL SECTIONS	--	--	--
55	C5.7	TYPICAL SECTIONS	--	--	--
56	C5.8	TYPICAL SECTIONS	--	--	--
57	C5.9	TYPICAL SECTIONS	--	--	--
58	C5.10	TYPICAL SECTIONS	--	--	--
59	C6.0	OVERALL GEOMETRIC LAYOUT PLAN	--	--	--
60	C6.1	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 3	97+00	106+00
61	C6.2	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 3	106+00	124+00
62	C6.3	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 3	124+00	133+00
63	C6.4	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 3	133+00	141+00
64	C6.5	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 3	141+00	149+00
65	C6.6	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 3	149+00	158+00
66	C6.7	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 3	158+00	167+00
67	C6.8	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 3	167+00	176+00
68	C6.9	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 3	176+00	183+50
69	C6.10	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 3	--	--
70	C6.11	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 1 AND 1A	176+00	182+00
71	C6.12	GEOMETRIC LAYOUT PLAN	BID SCHEDULES 1 AND 2	124+00	133+00
72	C6.13	GEOMETRIC LAYOUT PLAN	BID SCHEDULES 1 AND 2	150+00	159+00
73	C6.14	GEOMETRIC LAYOUT PLAN	BID SCHEDULES 1 AND 2	158+50	167+50
74	C6.15	GEOMETRIC LAYOUT PLAN	BID SCHEDULE 2	164+50	173+50
75	C7.0	OVERALL GRADING AND DRAINAGE PLAN	--	--	--
76	C7.1	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	88+00	97+00
77	C7.2	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	97+00	106+00

SHEET INDEX					
NO.	SHEET	DESCRIPTION	SCHEDULE	STATION BEGIN	STATION END
78	C7.3	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	106+00	115+00
79	C7.4	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	115+00	124+00
80	C7.5	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	124+00	133+00
81	C7.6	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	133+00	141+00
82	C7.7	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	141+00	149+00
83	C7.8	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	149+00	158+00
84	C7.9	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	158+00	167+00
85	C7.10	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	167+00	176+00
86	C7.11	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	176+00	184+00
87	C7.12	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	88+00	97+00
88	C7.13	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	97+00	106+00
89	C7.14	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	106+00	115+00
90	C7.15	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	115+00	124+00
91	C7.16	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	124+00	133+00
92	C7.17	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	133+00	141+00
93	C7.18	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	141+00	149+00
94	C7.19	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	149+00	158+00
95	C7.20	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	158+00	167+00
96	C7.21	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	167+00	176+00
97	C7.22	GRADING AND DRAINAGE PLAN	BID SCHEDULE 3	176+00	184+00
98	C8.0	OVERALL STORM DRAIN LAYOUT PLAN	--	--	--
99	C8.1	STORM DRAIN PLAN	BID SCHEDULE 3	88+80	97+00
100	C8.2	STORM DRAIN PLAN	BID SCHEDULE 3	97+00	106+00
101	C8.3	STORM DRAIN PLAN	BID SCHEDULE 3	106+00	115+00
102	C8.4	STORM DRAIN PLAN	BID SCHEDULE 3	115+00	124+00
103	C8.5	STORM DRAIN PLAN	BID SCHEDULE 3	124+00	133+00
104	C8.6	STORM DRAIN PLAN	BID SCHEDULE 3	133+00	142+00
105	C8.7	STORM DRAIN PLAN	BID SCHEDULE 3	142+00	151+00
106	C8.8	STORM DRAIN PLAN	BID SCHEDULE 3	151+00	160+00
107	C8.9	STORM DRAIN PLAN	BID SCHEDULE 3	160+00	169+00
108	C8.10	STORM DRAIN PLAN	BID SCHEDULE 3	169+00	178+00
109	C8.11	STORM DRAIN PLAN	BID SCHEDULE 3	178+00	187+00
110	C8.12	STORM DRAIN PLAN	BID SCHEDULE 3	97+00	106+00
111	C8.13	STORM DRAIN PLAN	BID SCHEDULE 3	106+00	115+00
112	C8.14	STORM DRAIN PLAN	BID SCHEDULE 3	115+00	124+00
113	C8.15	STORM DRAIN PLAN	BID SCHEDULE 3	124+00	133+00
114	C8.16	STORM DRAIN PLAN	BID SCHEDULE 3	133+00	142+00
115	C8.17	STORM DRAIN PLAN	BID SCHEDULE 3	142+00	151+00
116	C8.18	STORM DRAIN PLAN	BID SCHEDULE 3	151+00	160+00
117	C8.19	STORM DRAIN PLAN	BID SCHEDULE 3	160+00	169+00
118	C8.20	STORM DRAIN PLAN	BID SCHEDULE 3	169+00	178+00
119	C8.21	STORM DRAIN PLAN	BID SCHEDULE 3	178+00	187+00
120	C8.22	STORM DRAIN PLAN	BID SCHEDULE 3	--	--
121	C8.23	STORM DRAIN PLAN	BID SCHEDULE 3	--	--
122	C8.24	STORM DRAIN PLAN	BID SCHEDULE 3	--	--
123	C8.25	STORM DRAIN PLAN	BID SCHEDULE 3	--	--
124	C8.26	STORM DRAIN PLAN	BID SCHEDULE 3	--	--
125	C8.27	STORM DRAIN PLAN	BID SCHEDULE 3	--	--
126	C8.28	STORM DRAIN PLAN	BID SCHEDULE 3	--	--
127	C8.29	STORM DRAIN PLAN	BID SCHEDULE 3	--	--
128	C8.30	DRAINAGE DETAILS	--	--	--
129	C8.31	DRAINAGE DETAILS	--	--	--
130	C8.32	DRAINAGE DETAILS	--	--	--
131	C8.33	STORM DRAIN PROFILE	--	85+00	130+00
132	C8.34	STORM DRAIN PROFILE	--	130+00	175+00
133	C8.35	STORM DRAIN PROFILE	--	175+00	190+00
134	C8.36	STORM DRAIN PROFILE	--	85+00	130+00
135	C8.37	STORM DRAIN PROFILE	--	130+00	175+00
136	C8.38	STORM DRAIN PROFILE	--	175+00	190+00
137	C8.39	STORM DRAIN PROFILE	--	--	--
138	C8.40	STORM DRAIN PROFILE	--	--	--
139	C9.1	SANITARY SEWER PLAN	ALL SCHEDULES	--	--
140	C9.2	SANITARY SEWER DETAILS	--	--	--
141	C10.0	OVERALL PAVING PLAN AND PROFILE	--	--	--
142	C10.1	PAVING PLAN AND PROFILE	BID SCHEDULE 3	88+00	97+00
143	C10.2	PAVING PLAN AND PROFILE	BID SCHEDULE 3	97+00	106+00
144	C10.3	PAVING PLAN AND PROFILE	BID SCHEDULE 3	106+00	115+00
145	C10.4	PAVING PLAN AND PROFILE	BID SCHEDULE 3	115+00	124+00
146	C10.5	PAVING PLAN AND PROFILE	BID SCHEDULE 3	124+00	133+00
147	C10.6	PAVING PLAN AND PROFILE	BID SCHEDULE 3	133+00	142+00
148	C10.7	PAVING PLAN AND PROFILE	BID SCHEDULE 3	142+00	151+00
149	C10.8	PAVING PLAN AND PROFILE	BID SCHEDULE 3	151+00	160+00
150	C10.9	PAVING PLAN AND PROFILE	BID SCHEDULE 3	160+00	169+00
151	C10.10	PAVING PLAN AND PROFILE	BID SCHEDULE 3	169+00	178+00

ADDENDUM NO. 2
03/07/2023

RE-ISSUED SHEET ²



QUONSET STATE AIRPORT
150 AIRPORT STREET
NORTH KINGSTOWN, RI 02852
PHONE: (401) 691-2000

© 2023
KIMLEY-HORN AND ASSOCIATES, INC.
404 WYMAN STREET
SUITE 385
WALTHAM, MA 02451
PHONE: (781) 328-0676

VANASSE HANGEN BRUSTLIN, INC.
1 CEDAR STREET
SUITE 400
PROVIDENCE, RI 02903

OKO	DATE	DESCRIPTION	REV	BY
MAN	03/07/23	ADDENDUM NO. 2	2	RAB

QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	RAB
DRAWN BY	RAB
CHECKED BY	MAN
PROJECT NO.	112214003
FILE NO.	NT-112214003
AIP NO.0-00-0000-000-0000	
SHEET TITLE	

SHEET INDEX

SHEET NO.
C1.2
2 OF 297

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SHEET INDEX					
NO.	SHEET	DESCRIPTION	SCHEDULE	STATION BEGIN	STATION END
152	C10.11	PAVING PLAN AND PROFILE	BID SCHEDULE 3	178+00	187+00
153	C10.12	PAVING PLAN AND PROFILE	BID SCHEDULE 3	514+00	521+00
154	C10.13	PAVING PLAN AND PROFILE	BID SCHEDULE 3	521+00	528+00
155	C10.14	PAVING PLAN AND PROFILE	BID SCHEDULE 3	217+00	226+00
156	C10.15	PAVING PLAN AND PROFILE	BID SCHEDULE 3	226+00	233+00
157	C10.16	PAVING PLAN AND PROFILE	BID SCHEDULE 3	233+00	242+00
158	C10.17	PAVING PLAN AND PROFILE	BID SCHEDULE 3	242+00	251+00
159	C10.18	PAVING PLAN AND PROFILE	BID SCHEDULE 3	251+00	260+00
160	C10.19	PAVING PLAN AND PROFILE	BID SCHEDULE 3	260+00	268+00
161	C10.20	PAVING PLAN AND PROFILE	BID SCHEDULE 3	268+00	273+08.85
162	C10.21	PAVING PLAN AND PROFILE	BID SCHEDULE 3	4+62	10+00
163	C10.22	PAVING PLAN AND PROFILE	BID SCHEDULE 3	16+00	20+00
164	C10.23	PAVING PLAN AND PROFILE	BID SCHEDULE 3	26+00	30+00
165	C10.24	PAVING PLAN AND PROFILE	BID SCHEDULE 3	70+00	75+17
166	C10.25	PAVING PLAN AND PROFILE	BID SCHEDULE 3	36+00	49+02
167	C11.1	PAVEMENT JOINT LAYOUT PLAN	BID SCHEDULES 1B, 2B, AND 3B	--	--
168	C11.2	PAVEMENT JOINT LAYOUT PLAN	BID SCHEDULES 1B, 2B, AND 3B	169+00	180+82
169	C11.3	PAVEMENT JOINT DETAILS	--	--	--
170	C12.1	GROOVING PLAN	ALL BID SCHEDULES	98+50	143+50
171	C12.2	GROOVING PLAN	ALL BID SCHEDULES	143+50	185+00
172	C13.0	OVERALL PAVEMENT MARKING PLAN	--	--	--
173	C13.1	PAVEMENT MARKING PLAN	--	161+00	176+00
174	C13.2	PAVEMENT MARKING PLAN	--	97+00	106+00
175	C13.3	PAVEMENT MARKING PLAN	--	106+00	122+00
176	C13.4	PAVEMENT MARKING PLAN	--	122+00	131+00
177	C13.5	PAVEMENT MARKING PLAN	--	131+00	149+00
178	C13.6	PAVEMENT MARKING PLAN	--	149+00	158+00
179	C13.7	PAVEMENT MARKING PLAN	BID SCHEDULE 3	97+00	106+00
180	C13.8	PAVEMENT MARKING PLAN	BID SCHEDULE 3	106+00	124+00
181	C13.9	PAVEMENT MARKING PLAN	BID SCHEDULE 3	124+00	133+00
182	C13.10	PAVEMENT MARKING PLAN	BID SCHEDULE 3	133+00	141+00
183	C13.11	PAVEMENT MARKING PLAN	BID SCHEDULE 3	141+00	149+00
184	C13.12	PAVEMENT MARKING PLAN	BID SCHEDULE 3	149+00	158+00
185	C13.13	PAVEMENT MARKING PLAN	BID SCHEDULE 3	158+00	167+00
186	C13.14	PAVEMENT MARKING PLAN	BID SCHEDULE 3	167+00	176+00
187	C13.15	PAVEMENT MARKING PLAN	BID SCHEDULE 3	176+00	183+50
188	C13.16	PAVEMENT MARKING PLAN	BID SCHEDULE 3	--	--
189	C13.17	PAVEMENT MARKING PLAN	BID SCHEDULE 1	168+50	183+50
190	C13.18	PAVEMENT MARKING PLAN	BID SCHEDULES 1 AND 2	122+00	131+00
191	C13.19	PAVEMENT MARKING PLAN	BID SCHEDULES 1 AND 2	150+00	159+00
192	C13.20	PAVEMENT MARKING PLAN	BID SCHEDULES 1 AND 2	158+50	167+50
193	C13.21	PAVEMENT MARKING PLAN	BID SCHEDULE 2	164+50	173+50
194	C13.22	PAVEMENT MARKING DETAILS	--	--	--
195	C13.23	PAVEMENT MARKING DETAILS	--	--	--
196	C14.0	SOIL EROSION AND SEDIMENT CONTROL PLAN	--	--	--
197	C14.1	SOIL EROSION AND SEDIMENT CONTROL NOTES	--	--	--
198	C14.2	SOIL EROSION AND SEDIMENT CONTROL DETAILS	--	--	--
199	C14.3	SOIL EROSION AND SEDIMENT CONTROL PLAN	BID SCHEDULE 3	80+50	113+50
200	C14.4	SOIL EROSION AND SEDIMENT CONTROL PLAN	BID SCHEDULE 3	113+50	136+50
201	C14.5	SOIL EROSION AND SEDIMENT CONTROL PLAN	BID SCHEDULE 3	136+50	160+00
202	C14.6	SOIL EROSION AND SEDIMENT CONTROL PLAN	BID SCHEDULE 3	--	--
203	C14.7	SOIL EROSION AND SEDIMENT CONTROL PLAN	BID SCHEDULE 3	160+00	183+50
204	C14.8	SOIL EROSION AND SEDIMENT CONTROL PLAN	BID SCHEDULE 3	--	--
205	C14.9	SOIL EROSION AND SEDIMENT CONTROL PLAN	ALL BID SCHEDULES	--	--
206	E1.0	OVERALL ELECTRICAL DEMOLITION PLAN	--	--	--
207	E1.1	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	88+00	97+00
208	E1.2	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	97+00	106+00
209	E1.3	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	106+00	115+00
210	E1.4	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	115+00	124+00
211	E1.5	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	124+00	133+00
212	E1.6	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	133+00	141+00
213	E1.7	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	141+00	149+00
214	E1.8	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	149+00	158+00
215	E1.9	ELECTRICAL DEMOLITION PLANS	BID SCHEDULE 3	158+00	167+00
216	E1.10	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	167+00	176+00
217	E1.11	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	176+00	184+00
218	E1.12	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	115+00	124+00
219	E1.13	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	124+00	133+00
220	E1.14	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	133+00	141+00
221	E1.15	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	141+00	149+00
222	E1.16	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	149+00	158+00
223	E1.17	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	158+00	167+00
224	E1.18	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	167+00	176+00
225	E1.19	ELECTRICAL DEMOLITION PLAN	BID SCHEDULE 3	176+00	184+00

SHEET INDEX					
NO.	SHEET	DESCRIPTION	SCHEDULE	STATION BEGIN	STATION END
226	E1.20	ELECTRICAL DEMOLITION PLAN	BID SCHEDULES 1 AND 2	--	--
227	E2.0	OVERALL LIGHTING AND SIGNAGE PLAN	--	--	--
228	E2.1	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 3	97+00	106+00
229	E2.2	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 3	106+00	124+00
230	E2.3	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 3	124+00	133+00
231	E2.4	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 3	133+00	141+00
232	E2.5	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 3	141+00	149+00
233	E2.6	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 3	149+00	158+00
234	E2.7	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 3	158+00	167+00
235	E2.8	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 3	167+00	176+00
236	E2.9	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 3	176+00	185+00
237	E2.10	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 3	--	--
238	E2.11	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 1	169+00	181+00
239	E2.12	LIGHTING AND SIGNAGE PLAN	BID SCHEDULES 1 AND 2	124+00	133+00
240	E2.13	LIGHTING AND SIGNAGE PLAN	BID SCHEDULES 1 AND 2	150+00	159+00
241	E2.14	LIGHTING AND SIGNAGE PLAN	BID SCHEDULES 1 AND 2	158+50	167+50
242	E2.15	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 2	164+50	173+50
243	E2.16	LIGHTING AND SIGNAGE PLAN	BID SCHEDULE 2	173+50	182+50
244	E2.17	ELECTRICAL LAYOUT PLAN	SCHEDULES 1 AND 2	XXX+XX	XXX+XX
245	E3.1	LIGHTING AND SIGNAGE DATA TABLES	SCHEDULE 3	97+00	106+00
246	E3.2	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULE 3	106+00	124+00
247	E3.3	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULE 3	124+00	133+00
248	E3.4	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULE 3	133+00	141+00
249	E3.5	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULE 3	141+00	149+00
250	E3.6	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULE 3	149+00	158+00
251	E3.7	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULE 3	158+00	167+00
252	E3.8	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULE 3	167+00	176+00
253	E3.9	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULE 3	--	--
254	E3.10	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULE 3	--	--
255	E3.11	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULES 1 AND 2	124+00	133+00
256	E3.12	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULES 1 AND 2	150+00	159+00
257	E3.13	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULES 1 AND 2	158+50	167+50
258	E3.14	LIGHTING AND SIGNAGE DATA TABLES	BID SCHEDULE 2	164+50	173+50
259	E4.0	LANDING ZONE LIGHTING SCOPE OF WORK	--	--	--
260	E4.1	ASSAULT ZONE LIGHTING AND SIGNAGE PLAN	ALL BID SCHEDULES	98+00	116+23
261	E4.2	ASSAULT ZONE LIGHTING AND SIGNAGE PLAN	ALL BID SCHEDULES	116+23	134+23
262	E4.3	ASSAULT ZONE LIGHTING AND SIGNAGE PLAN	ALL BID SCHEDULES	134+23	152+23
263	E4.4	ASSAULT ZONE LIGHTING AND SIGNAGE PLAN	ALL BID SCHEDULES	152+23	170+23
264	E4.5	ASSAULT ZONE LIGHTING AND SIGNAGE PLAN	ALL BID SCHEDULES	--	--
265	E5.0	AIRFIELD LIGHTING VAULT PROPOSED LAYOUT	--	--	--
266	E5.1	AIRFIELD LIGHTING CONTROL AND MONITORING PLAN	--	--	--
267	E5.2	ELECTRICAL DETAILS CONCRETE HANDHOLE	--	--	--
268	E5.3	ELECTRICAL DETAILS TRENCHING & GROUNDING	--	--	--
269	E5.4	ELECTRICAL DETAILS SIGNAGE	--	--	--
270	E5.5	ELECTRICAL DETAILS LIGHT FIXTURES	--	--	--
271	E5.6	ELECTRICAL DETAILS RDR SIGNAGE AND WINDCONE	--	--	--
272	E5.7	ELECTRICAL DETAILS PAPI DETAILS	--	--	--
273	E5.8	ELECTRICAL DETAILS PAPI SITING DETAILS	--	--	--
274	E6.0	OVERALL RUNWAY 16-34 CIRCUIT MAP	BID SCHEDULE 1	--	--
275	E6.1	RUNWAY 16-34 CIRCUIT MAP	--	--	--
276	E6.2	RUNWAY 16-34 CIRCUIT MAP	--	--	--
277	E6.3	RUNWAY 16-34 CIRCUIT MAP	--	--	--
278	E6.4	OVERALL RUNWAY 16-34 CENTERLINE LIGHTING CIRCUIT MAP	BID SCHEDULE 1	--	--
279	E6.5	RUNWAY 16-34 CENTERLINE LIGHTING CIRCUIT MAP	--	--	--
280	E6.6	RUNWAY 16-34 CENTERLINE LIGHTING CIRCUIT MAP	--	--	--
281	E6.7	RUNWAY 16-34 CENTERLINE LIGHTING CIRCUIT MAP	--	--	--
282	E6.8	OVERALL TAXIWAY A CIRCUIT MAP	BID SCHEDULE 1	--	--
283	E6.9	TAXIWAY A CIRCUIT MAP	--	--	--
284	E6.10	TAXIWAY A CIRCUIT MAP	--	--	--
285	E6.11	TAXIWAY A CIRCUIT MAP	--	--	--
286	E6.12	OVERALL RUNWAY 16-34 PAPI CIRCUIT MAP	BID SCHEDULE 1	--	--
287	E6.13	RUNWAY 16-34 PAPI CIRCUIT MAP	--	--	--
288	E6.14	RUNWAY 16-34 PAPI CIRCUIT MAP	--	--	--
289	E6.15	RUNWAY 16-34 PAPI CIRCUIT MAP	--	--	--
290	E6.16	OVERALL MILITARY LANDING ZONE LIGHTING CIRCUIT MAP	BID SCHEDULE 1	--	--
291	E6.17	MILITARY LANDING ZONE LIGHTING CIRCUIT MAP	--	--	--
292	E6.18	MILITARY LANDING ZONE LIGHTING CIRCUIT MAP	--	--	--
293	E6.19	MILITARY LANDING ZONE LIGHTING CIRCUIT MAP	--	--	--
294	E7.0	MALSR LAYOUT PLAN AND PROFILE	BID SCHEDULE 3	--	--
295	E7.1	ELECTRICAL DETAILS -- MALSR DETAILS	BID SCHEDULE 3	--	--
296	E7.2	ELECTRICAL DETAILS -- MALSR DETAILS	BID SCHEDULE 3	--	--
297	E7.3	ELECTRICAL DETAILS -- MALSR DETAILS	BID SCHEDULE 3	--	--
298	E7.4	ELECTRICAL DETAILS -- MALSR DETAILS	BID SCHEDULE 3	--	--

ADDENDUM NO. 2
03/07/2023

RE-ISSUED SHEET ²



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NORTH KINGSTOWN, RI 02852
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Michael Albert Norby
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03/07/2023

REV	BY	DESCRIPTION	DATE	OK'D
2	RAB	ADDENDUM NO. 2	03/07/23	MAN

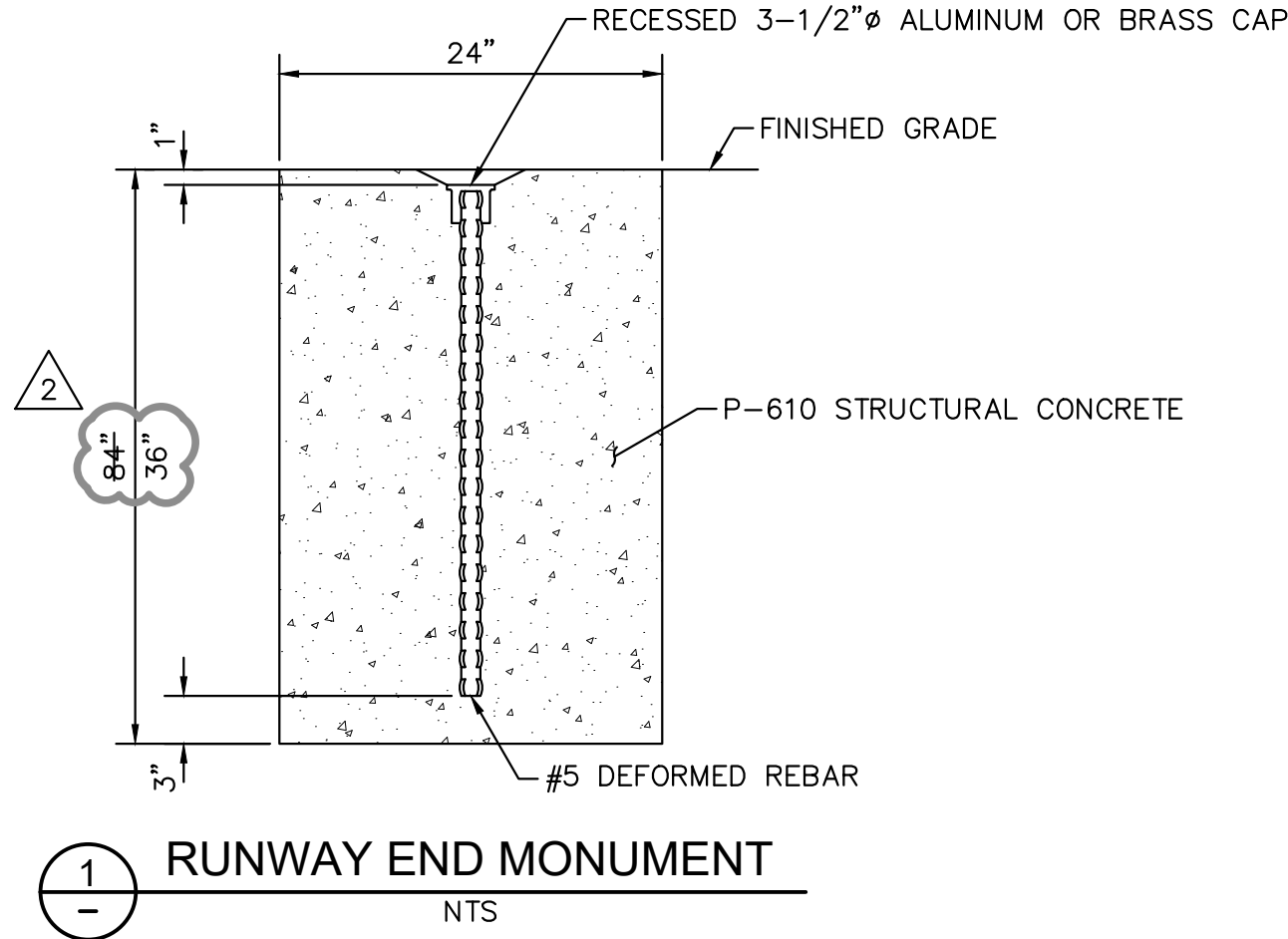
QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE 03/07/2023
DESIGNED BY RAB
DRAWN BY RAB
CHECKED BY MAN
PROJECT NO. 112214003
FILE NO. NT-112214003
AIP NO. 0-00-0000-000-0000
SHEET TITLE

SHEET INDEX

SHEET NO. C1.3
3 OF 297

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SAFETY AND SECURITY NOTES

- SAFETY AND SECURITY IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE COORDINATED WITH THE RHODE ISLAND AIRPORT CORPORATION THROUGH THE RPR (SEE CONTRACT DOCUMENTS). REFER TO THE SECURITY NOTES, THIS SHEET, AND ADVISORY CIRCULAR AC 150/5370-2G, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION. CONTRACTOR SHALL IMPLEMENT PROCEDURES IN THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP).
- THE CONTRACTOR'S ACCESS POINTS TO THE CONSTRUCTION SITE WILL BE VERIFIED AT THE PRE-CONSTRUCTION MEETING AND SHALL BE LIMITED TO THOSE DESIGNATED BY AIRPORT OPERATIONS OR AS SHOWN ON THE PROJECT PHASING PLAN. ALL CONTRACTOR VEHICLES AND CONSTRUCTION TRAFFIC SHALL REMAIN WITHIN THE PROPOSED DESIGNATED CONSTRUCTION LIMITS OR HAUL ROUTES UNLESS AUTHORIZED OTHERWISE.
- THE OWNER MAY SUSPEND THE WORK BY WRITTEN NOTICE WHEN, IN THEIR JUDGMENT, PROGRESS IS UNSATISFACTORY, WORK BEING DONE IS UNAUTHORIZED OR DEFECTIVE, WEATHER CONDITIONS ARE UNSUITABLE, OR THERE IS DANGER TO PUBLIC HEALTH AND SAFETY.
- THE CONTRACTOR'S SUPERINTENDENT SHALL BE ON THE CONSTRUCTION SITE AT ALL TIMES DURING WORKING HOURS WHILE THIS PROJECT IS IN PROGRESS. THE CONTRACTOR'S SUPERINTENDENT SHALL BE DESIGNATED THE CONTRACTOR'S RESPONSIBLE REPRESENTATIVE AND SHALL BE AVAILABLE IN CASE OF EMERGENCIES ON A TWENTY-FOUR HOUR DAILY BASIS. THE CONTRACTOR SHALL PROVIDE THE PHONE NUMBERS OF THREE (3) OF ITS RESPONSIBLE PERSONNEL, INCLUDING THE PROJECT SUPERINTENDENT, AND TWO (2) EACH RESPONSIBLE PERSONNEL, FROM THE GRADING AND SAFETY OFFICIAL, EACH OF WHOM MAY BE CONTACTED IN AN EMERGENCY.
- ALL OF THE CONSTRUCTION WORK ON THIS PROJECT WILL OCCUR WITHIN THE AIR OPERATIONS AREA (AOA) AND IS SUBJECT TO OPERATIONAL SAFETY AND SECURITY REQUIREMENTS OF THE QUONSET STATE AIRPORT, THE FAA AND THE RHODE ISLAND NATIONAL GUARD (RING). ANY ADDITIONAL REQUIREMENTS DEEMED NECESSARY BY THE QUONSET STATE AIRPORT, THE FAA OR RING WILL BE COMPLIED WITH BY THE CONTRACTOR AT NO COST TO THE OWNER.
- ALL CONTRACTOR VEHICLES, INCLUDING HAULING VEHICLES, CONSTRUCTION EQUIPMENT (ROLLERS, BACK HOES, SCRAPERS, ETC.) THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT WITHIN THE DESIGNATED LIMITS OF CONSTRUCTION OR HAUL ROUTES AS DEFINED HEREIN, SHALL DISPLAY A 3'X3' OR LARGER ORANGE AND WHITE CHECKERBOARD FLAG IN FULL VIEW ABOVE THE VEHICLE. EACH CHECKERBOARD COLOR SHALL BE ONE-FOOT (1') SQUARE. OPERATIONS DURING PERIODS OF DARKNESS OR LIMITED VISIBILITY SHALL REQUIRE THE CONTRACTOR'S VEHICLES TO BE EQUIPPED WITH ROTATING OR FLASHING AMBER LIGHTS. VEHICLES MAKING ONLY OCCASIONAL VISITS TO THE JOB SITE ARE EXEMPT FROM THE IDENTIFICATION REQUIREMENTS CONTAINED ABOVE PROVIDED THAT A PROPERLY IDENTIFIED VEHICLE ESCORTS THEM INTO, THROUGH, AND OUT OF THE AIRPORT SECURED AREA. THESE AND OTHER VEHICLES NEEDING INTERMITTENT IDENTIFICATION MAY BE MARKED WITH MAGNETICALLY ATTACHED PLACARDS CONTAINING THE NAME OF THE CONTRACTOR WITH A MINIMUM OF THREE-INCH HIGH LETTERS THAT ARE COMMERCIALY AVAILABLE.
- ALL VEHICLES AND EQUIPMENT SHALL BE KEPT WITHIN THE WORK AREAS ESTABLISHED FOR EACH WORK SHIFT UNLESS TRAVELING TO OR FROM THE SITE. ALL VEHICLES AND EQUIPMENT SHALL BE PARKED IN STAGING AREAS AS APPROVED BY THE ENGINEER AT ALL TIMES WHEN NOT BEING ACTIVELY USED ON THE PROJECT WORK, UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER.
- ALL WORK AREAS SHALL BE SECURED AT THE END OF EACH WORKDAY.
- CONTRACTOR PROCEDURES FOR OPERATING VEHICLES AT QUONSET STATE AIRPORT ARE AS FOLLOWS:
 - THE PROCEDURES APPLY TO ALL PERSONNEL WHO OPERATE VEHICLES AT OQU. THE PROCEDURES MUST BE REVIEWED AND UNDERSTOOD PRIOR TO BEGINNING VEHICLE OPERATIONS.
 - VEHICLES OPERATING WITHIN SECURITY FENCING ARE LIMITED TO THOSE DISPLAYING PERMANENT COMPANY LOGOS AND MUST BE ON OFFICIAL COMPANY BUSINESS.
 - NO PRIVATE VEHICLES MAY BE OPERATED ON AIRPORT PROPERTY WITHOUT PRIOR ARRANGEMENTS WITH AIRPORT OPERATIONS.
- DURING TIMES OF OPERATIONS, A GATE GUARD (INCIDENTAL TO PROJECT) PROVIDED BY THE CONTRACTOR SHALL BE PLACED AT THE CONTRACTOR ACCESS GATE. THE GUARD SHALL CHECK FOR ENTRY UNDER THE SPECIAL PROVISIONS AND THE LATEST FAA AND TSA SAFETY REGULATIONS. PROPER TRAINING AND COORDINATION WITH AIRPORT OPERATIONS WILL BE REQUIRED.
- CONTRACTOR SHALL PROVIDE TRAINED FLAGMEN TO COORDINATE AND CONTROL CONSTRUCTION TRAFFIC WHEN OPERATING ADJACENT TO THE RUNWAY SAFETY AREA, THE AIR NATIONAL GUARD APRON, OR WITHIN LOCALIZER CRITICAL AREA. FLAGMEN SHALL BE ABLE TO SPEAK CLEAR ENGLISH AND BE EQUIPPED WITH CELL PHONES AND RADIOS ON GROUND CONTROL FREQUENCY UNICOM 134.5.
- CONSTRUCTION EQUIPMENT SHALL NOT PENETRATE THE HEIGHT RESTRICTIONS FOR THE FAR PART 77 SURFACES.
- ALL VEHICLES SHALL BE PARKED AND SERVICED IN THE DESIGNATED STAGING AND EMPLOYEE PARKING AREAS SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR TRANSPORTING THEIR EMPLOYEES TO AND FROM THESE AREAS TO THE JOBSITE.
- THE CONTRACTOR WILL BE REQUIRED TO COORDINATE THEIR WORK SO AS TO SATISFY CLEARANCE REQUIREMENTS FOR ARRIVAL AND DEPARTURE OF SCHEDULED AIRCRAFT, AND IN COMPLIANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G OR LATEST VERSION IN AFFECT DURING THE PROJECT, CONCERNING OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION ACTIVITY.
- THE CONTRACTOR SHALL ACQUAINT THEIR SUPERVISORS AND EMPLOYEES WITH THE AIRPORT AND OPERATIONS THAT ARE INHERENT TO QUONSET STATE AIRPORT AND SHALL CONDUCT THEIR CONSTRUCTION ACTIVITIES TO CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND GUIDELINES FOR SAFETY SPECIFIED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL SAFETY DEVICES AS REQUIRED FOR THE PROTECTION OF THEIR PERSONNEL.

ADDENDUM NO. 2
03/07/2023



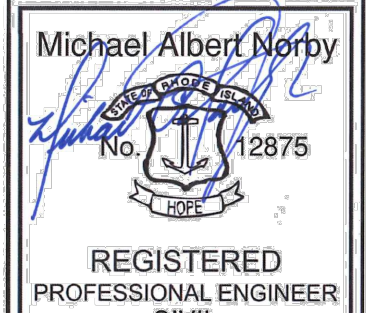
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Michael Albert Norby
No. 12875
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03/07/2023

REV	BY	DESCRIPTION	DATE	OKD
2	MPB	ADDENDUM NO. 2	03/07/23	MAN

QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

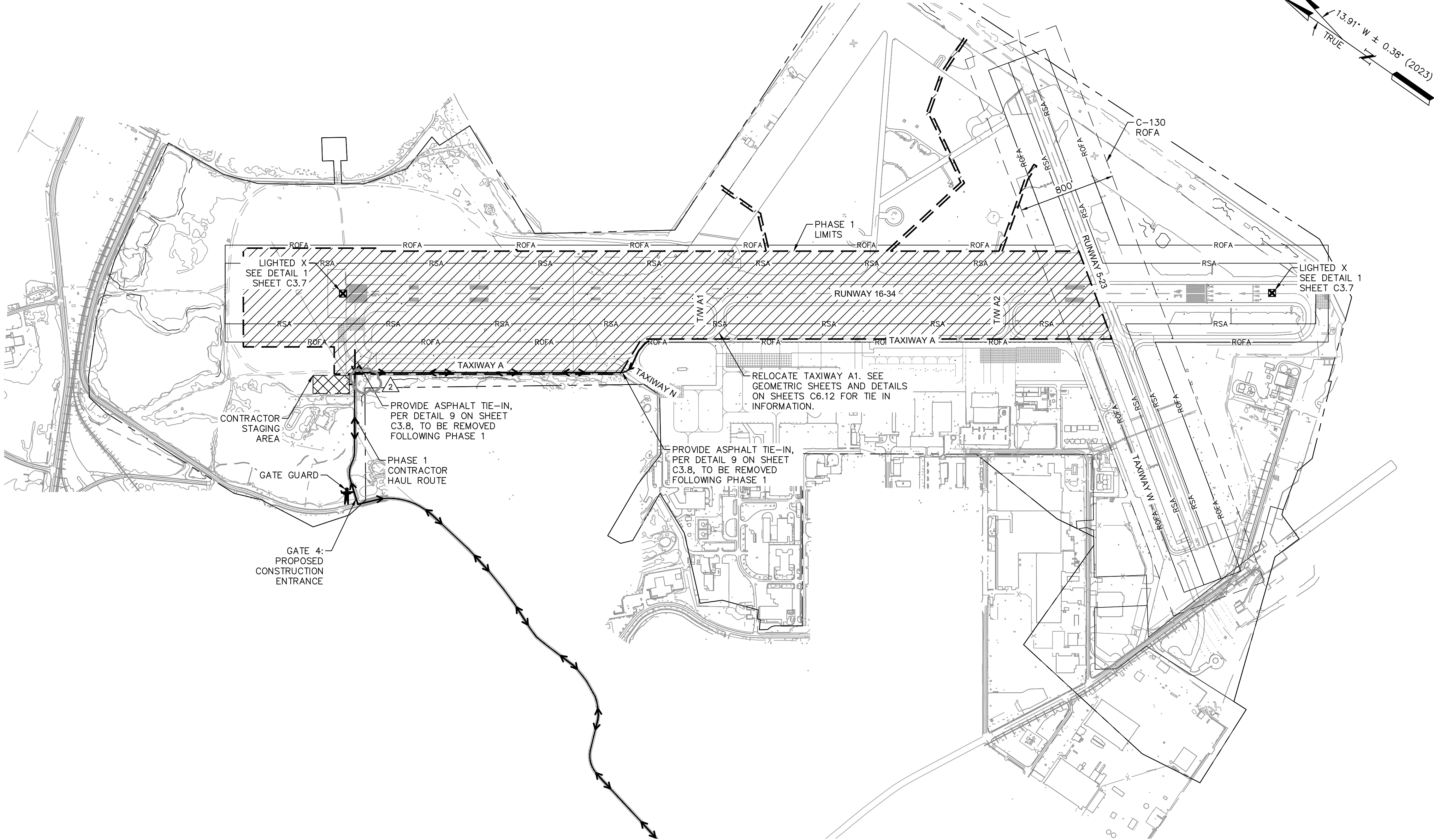
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DRAWN BY	MSB
CHECKED BY	MAN
PROJECT NO.	112214003
FILE NO.	NT-112214003
AIP NO. 0-00-0000-000-0000	
SHEET TITLE	

CONSTRUCTION
SAFETY NOTES
AND MISC. DETAILS

SHEET NO.	C1.8
8 OF 297	



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PHASE 1 DESCRIPTION

CONTRACT DURATION: 243 CALENDAR DAYS

IT IS ASSUMED THAT THE MAJORITY OF WORK IN THIS PHASE WILL BE COMPLETED DURING THE DAY WITH FOLLOWING EXCEPTIONS. NOTAMS WILL BE REQUIRED FOR ALL WORK DURING THIS PHASE. DETAILED LOOK-AHEAD SCHEDULES WILL HELP TO ISSUE NOTAMS AT CORRECT TIME.

1. WORK WILL BE COMPLETED WITHIN THE INFIELD AREAS BETWEEN RUNWAY 16-34 AND TAXIWAY A (ADJACENT TO EXISTING APRON). THE WORK WITHIN THIS AREA WILL INCLUDE BUT NOT BE LIMITED TO GRADING, DRAINAGE, INSTALLATION OF CULVERTS, AND POSSIBLE ELECTRICAL CONNECTIONS. SOME WORK WITHIN THIS AREA WILL BE WITHIN THE TAXIWAY OBJECT FREE AREA (TOFA) AND TAXIWAY SAFETY AREA (TSA) OF TAXIWAY A. WORK WITHIN THESE TWO AREAS WILL REQUIRE A CLOSURE OR NO OPERATIONAL MOVEMENTS DURING SOME OF THESE DURATIONS. THE WORK WITHIN THESE AREAS CAN BE COMPLETED AT NIGHT OR COORDINATED (BY RPR AND RIAC) DURING NO-FLY DAYS. ANY OPEN TRENCH, NOT BACKFILLED, WILL HAVE TO BE BRIDGED WITH A METAL PLATE IF NOT COMPLETED WHEN THE TAXIWAY IS CLOSED.
2. RUNWAY 5-23 SAFETY AREA (RSA) RUNWAY 5-23 IS CLASSIFIED AS A B-II RUNWAY (RSA IS 75 FEET ON EITHER SIDE OF RUNWAY CENTERLINE). HOWEVER, WHEN THE RHODE ISLAND NATIONAL GUARD (RING) IS USING THEIR C-130s ON THIS RUNWAY, THE RSA CHANGES TO ACCOMMODATE A C-IV RUNWAY (RSA IS 250 FEET ON EITHER SIDE OF RUNWAY CENTERLINE). DURING THE INSTALLATION OF

THE TEMPORARY RUNWAY TRANSITION (10' FOR VEHICLES ONLY), WORK WILL BE COMPLETED WITHIN THE C-IV RSA OF RUNWAY 5-23. COORDINATION WILL BE REQUIRED TO EITHER WORK AT NIGHT OR DURING HOURS RING IS NOT FLYING.

3. BOTH RUNWAYS 5-23 AND 16-34 WILL BE CLOSED FOR 1 NIGHT (8 HOURS) TO REMOVE PAVEMENT MARKINGS ASSOCIATED WITH RUNWAY 16-34 AND WITHIN THE WIDENED MODIFIED ROFA (FOR A C-IV RUNWAY) FOR RUNWAY 5-23. RUNWAY 5-23 CAN BE RE-OPENED ONCE THIS HAS BEEN COMPLETED. THE REMAINING PAVEMENT MARKINGS ON THE RUNWAY 34 END ASSOCIATED WITH RUNWAY 16-34 WILL NEED TO BE REMOVED AT THE BEGINNING OF PHASE 1.

PHASE 1 NOTES

1. RUNWAY 5-23 WILL BE OPENED AND RUNWAY 16-34 WILL BE CLOSED FOR THE DURATION OF THIS PHASE.
2. AT THE COMPLETION OF PHASE 1, AND PRIOR TO COMMENCEMENT OF PHASE 2, THE CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS FOR A SHORTENED RUNWAY 16-34 PER SHEETS C13.1 - C13.6. THE RUNWAY WILL BE SHORTENED THROUGH THE WINTER CLOSURE AND THE COMPLETION OF PHASE 2.
3. THIS PHASE WILL INCLUDE INSTALLATION OF TEMPORARY RUNWAY 34 PAPI AND TEMPORARY ELEVATED THRESHOLD LIGHTS TO BE KEPT OPERATIONAL THROUGHOUT THE DURATION OF WINTER SHUTDOWN AND THE COMPLETION OF PHASE 2. CONTINUED COORDINATION WITH FAA WILL BE REQUIRED TO PERFORM THE NECESSARY FLIGHT CHECKS.
4. RECONSTRUCTION SHALL INCLUDE TAXIWAY A1 IN ITS NEW LOCATION UP TO PARALLEL TAXIWAY A TO THE LIMITS SHOWN ON C6.12., AND REMOVAL OF EXISTING TAXIWAY A1 BETWEEN TAXIWAY A AND RUNWAY 16-34. IT WILL ALSO INCLUDE RECONSTRUCTION OF TAXIWAY A2 TO THE LIMITS SHOWN ON C6.13. BOTH TAXIWAY CONNECTORS WILL BE CONSTRUCTED TO TIE IN TO EXISTING PARALLEL TAXIWAY A. BOTH TAXIWAYS WILL BE RECONSTRUCTED AT THE NEW TAXIWAY A OFFSET IN LATER PHASES. TAXIWAY A1 WILL TIE INTO EXISTING PARALLEL TAXIWAY A, WHILE TAXIWAY A2 WILL TIE INTO EXISTING TAXIWAY A2 AT THE LOCATIONS SHOWN ON SHEETS C6.12, AND C6.13, RESPECTIVELY.
5. CONTRACTOR MUST ALLOW FOR ARFF ACCESS THROUGH THE SITE IN CASE OF EMERGENCY.
6. ONCE THE CONTRACTOR HAS COMPLETED THE FINAL PUNCH LIST ITEMS AND THIS PHASE HAS BEEN COMPLETED AND ACCEPTED, A SEPARATE NTP WILL BE ISSUED FOR PHASE 2 TO BEGIN IN APRIL OF 2025.
7. WORK WITHIN PHASE 1 WILL INCLUDE PORTIONS OF RUNWAY 5-23 RUNWAY OBJECT FREE AREA (ROFA) FOR BOTH CIVILIAN AND MILITARY OPERATIONS. WORK IN THESE AREAS WILL REQUIRE PROPER AND TIMELY COORDINATION WITH AIRPORT OPERATIONS AND THE NATIONAL GUARD. COORDINATION SHOULD BE A WEEKLY PART OF THE LOOK-AHEAD SCHEDULE AND ITEMS SUCH AS THIS SHALL BE MENTIONED.
8. CONTRACTOR SHALL INSTALL TEMPORARY LED LIGHT FIXTURES WITHIN THIS PHASE.

ADDENDUM NO. 2
03/07/2023

LEGEND

- PHASE 1 LIMITS
- PHASE 2 LIMITS
- CONTRACTOR STAGING AREA
- LOW PROFILE BARRICADES (LINKED) DETAIL 2 SHEET C3.7
- LOW PROFILE BARRICADES (UNLINKED) DETAIL 4 SHEET C3.7
- FLAGGER (PROVIDED BY THE CONTRACTOR)
- TAXIWAY CLOSURE X (PROVIDED BY THE CONTRACTOR) DETAIL 3 SHEET C3.7
- GATE GUARD (PROVIDED BY THE CONTRACTOR)
- PORTABLE LIGHTED RUNWAY CLOSURE MARKER (PROVIDED BY THE CONTRACTOR) DETAIL 1 SHEET C3.7
- HAUL ROUTE
- AIRCRAFT MOVEMENT
- ORANGE SAFETY FENCE DETAIL 5 SHEET C3.8
- PAVEMENT MARKING OBLITERATION
- PHASE LIMITS

GENERAL NOTES

1. REFER TO SHEET C3.0 FOR GENERAL PHASING NOTES.



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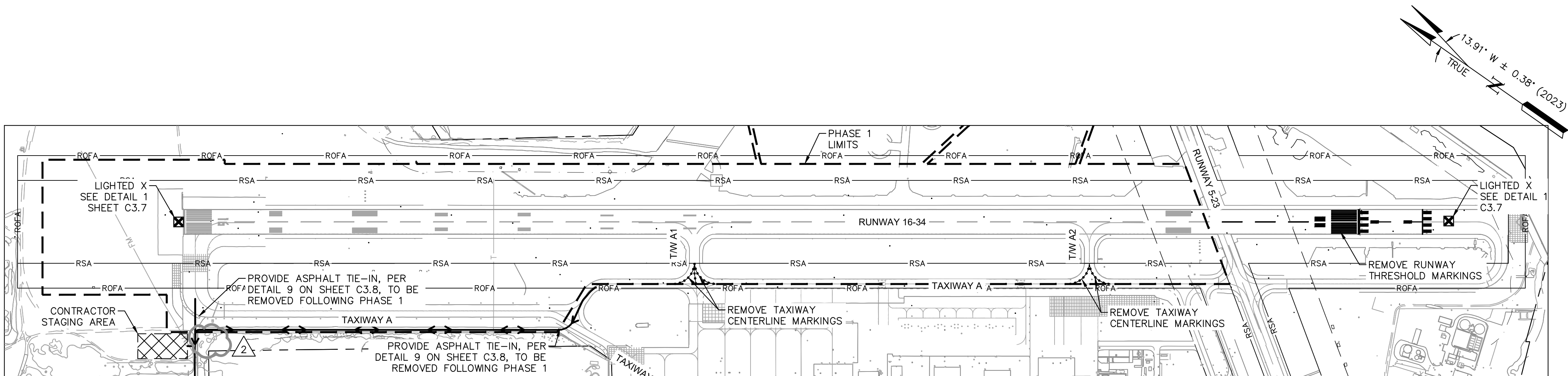
Michael Albert Norby
No. 12875
REGISTERED PROFESSIONAL ENGINEER
CIVIL
03/07/2023

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2	MSB	03/07/23	ADDENDUM NO. 2	MAN

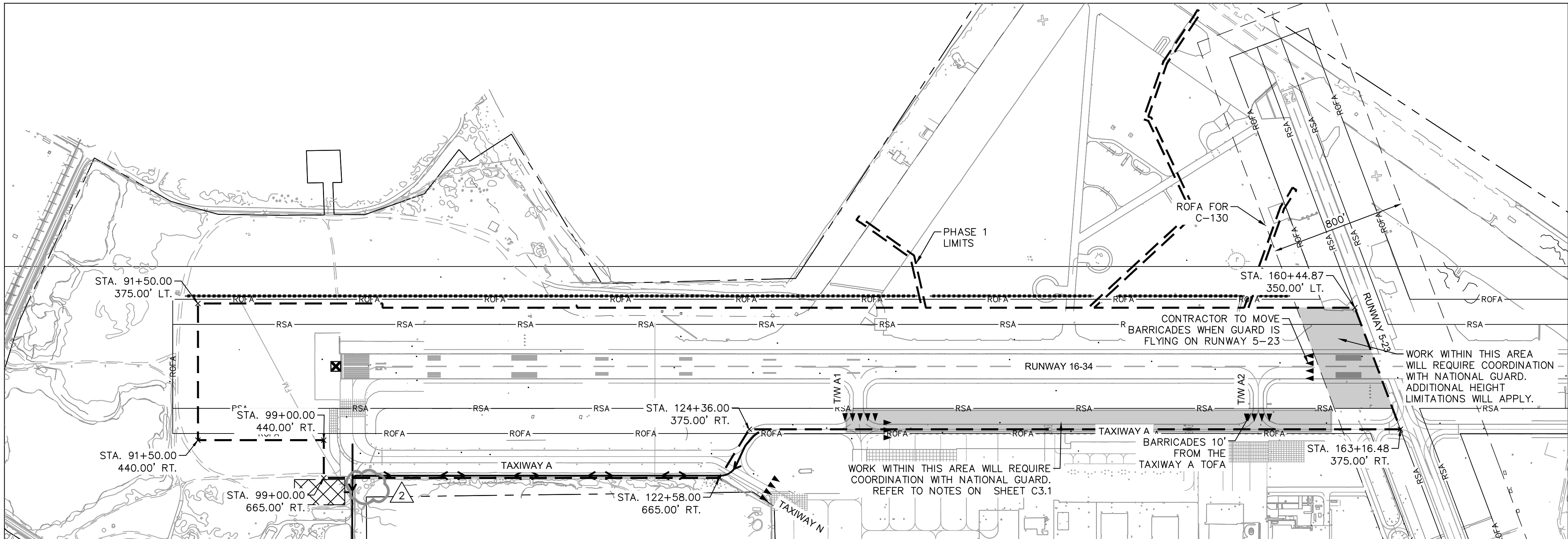
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NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	MAN
DRAWN BY	MSB
CHECKED BY	MAN
PROJECT NO.	112214003
FILE NO.	PH01-112214003
AIP NO. 0-00-0000-000-0000	
SHEET TITLE	CONSTRUCTION SAFETY AND PHASING PLAN
	PHASE 1 BID SCHEDULE 3
SHEET NO.	C3.1
	17 OF 297

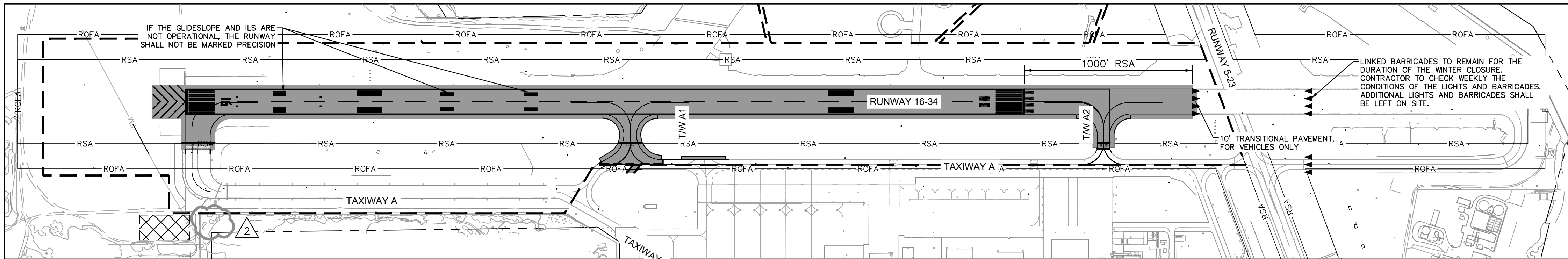
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PHASE 1 PAVEMENT MARKING OBLITERATION / BLACK OUT



PHASE 1 FENCING AND BARRICADES



PHASE 1 TEMPORARY PAVEMENT MARKINGS AND COMPLETED PAVEMENT

ADDENDUM NO. 2
03/07/2023

LEGEND

- PHASE 1 LIMITS
- PHASE 2 LIMITS
- CONTRACTOR STAGING AREA
- LOW PROFILE BARRICADES (LINKED) DETAIL 2 SHEET C3.7
- LOW PROFILE BARRICADES (UNLINKED) DETAIL 4 SHEET C3.7
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- HAUL ROUTE
- AIRCRAFT MOVEMENT
- ORANGE SAFETY FENCE DETAIL 5 SHEET C3.8
- PAVEMENT MARKING OBLITERATION
- PHASE LIMITS

1. UPON COMPLETION OF THIS PHASE, PROJECT SHOULD BE MARKED WITH TEMPORARY PAVEMENT MARKINGS AS SHOWN ON SHEETS C13.1 AND C13.6.

GENERAL NOTES

1. REFER TO SHEET C3.0 FOR GENERAL PHASING NOTES.



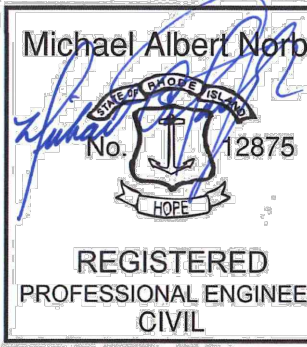
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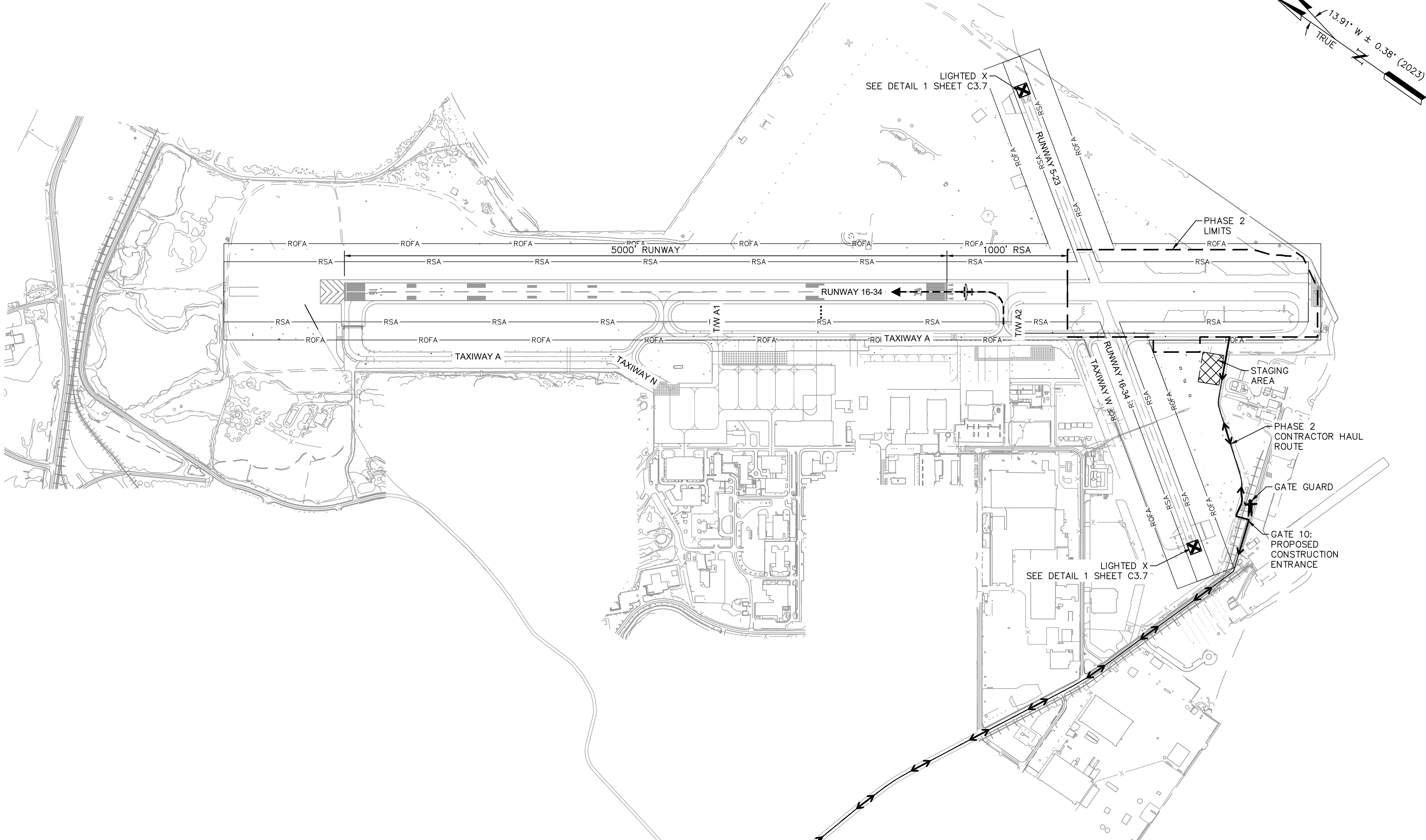
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RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
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FILE NO.	PH01-112214003
AIP NO. 0-00-0000-000-0000	
SHEET TITLE	CONSTRUCTION SAFETY AND PHASING PLAN PHASE 1 BID SCHEDULE 3

SHEET NO.
C3.2
18 OF 297



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PHASE 2 DESCRIPTION

CONTRACT DURATION: 119 CALENDAR DAYS

COORDINATION WITH RIAC IS REQUIRED TO ISSUE NOTAMS FOR THE CLOSURE OF RUNWAY 5-23 AND ALL PAVEMENT SOUTH OF TAXIWAY W FOR THE DURATION OF PHASE 2.

IT IS ASSUMED THAT THE MAJORITY OF WORK, IF NOT ALL, CAN BE COMPLETED DURING THE DAY WORK WITH THE FOLLOWING EXCEPTIONS:

1. WORK AT THE PHASE LINE BETWEEN PHASE 1 AND PHASE 2 WILL NEED TO BE COORDINATED FOR HEIGHT OF EQUIPMENT. COORDINATION WILL BE REQUIRED WITH THE RPR, RIAC AND RING FOR WORK IN THIS AREA IF EQUIPMENT PROTRUDES THE RESTRICTED AIRSPACE TO COMPLETE THE WORK DURING DAILY DOWNTIMES OR AT NIGHT.

PHASE 2 NOTES

1. FINALIZED PAVEMENT AND MARKINGS AT THE COMPLETION OF THIS PHASE WILL DEPEND ON WHETHER SCHEDULE 1 OR SCHEDULE 2 GET AWARDED.
2. TAXIWAY WILL BE OPEN FROM TAXIWAY W UP TO THE NORTH CONNECTION WITH RUNWAY 16. TAXIWAY A1 WILL BE OPEN IN ITS NEW LOCATION, TAXIWAY A2 WILL BE OPEN IN ITS CURRENT LOCATION, AND TAXIWAY W WILL BE OPEN FROM TAXIWAY A TO THE WEST END OF IT.
3. RUNWAY 5-23 WILL BE CLOSED FOR THE DURATION OF THIS PHASE. RUNWAY 16-34 WILL OPERATE AT A SHORTENED LENGTH FOR THE DURATION OF THIS PHASE.
4. CONTRACTOR SHALL NOT DISTURB EXISTING LOCALIZER OR ANY OF THE IDENTIFIED CABLES DURING PAVEMENT REMOVAL OR ANY OTHER OPERATIONS.
5. CONTRACTOR MUST ALLOW FOR ARFF ACCESS THROUGH THE SITE IN CASE OF EMERGENCY.
6. DEPENDING ON THE AWARD OF SCHEDULE 1 OR SCHEDULE 2, THE LIGHTING IN THIS PHASE WILL CHANGE UPON COMPLETION OF THE PHASE. PLEASE SEE ELECTRICAL SHEETS FOR CHANGES AND MODIFICATIONS DEPENDING ON AWARDED SCHEDULE.
7. AIRPORT MAINTENANCE FUNCTIONS, SUCH AS SNOW REMOVAL.
8. AT THE COMPLETION OF THE PHASE, RUNWAY 16-34 AND RUNWAY 5-23 SHALL OPERATE AT THEIR FULL LENGTHS. REFER TO SHEET C13.0 THROUGH ##### FOR PERMANENT RUNWAY 16-36 MARKINGS.
9. ONCE THE CONTRACTOR HAS COMPLETED THE FINAL PUNCH LIST AND THE PHASE IS COMPLETE, A SEPARATE NTP WILL BE ISSUED FOR THE FOLLOWING PHASE.

ADDENDUM NO. 2

03/07/2023

LEGEND

- PHASE 1 LIMITS
- PHASE 2 LIMITS
- CONTRACTOR STAGING AREA
- LOW PROFILE BARRICADES (LINKED) DETAIL 2 SHEET C3.7
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- PORTABLE LIGHTED RUNWAY CLOSURE MARKER (PROVIDED BY THE CONTRACTOR) DETAIL 1 SHEET C3.7
- HAUL ROUTE
- AIRCRAFT MOVEMENT
- ORANGE SAFETY FENCE DETAIL 5 SHEET C3.8
- PAVEMENT MARKING OBLITERATION
- PHASE LIMITS

GENERAL NOTES

1. REFER TO SHEET C3.0 FOR GENERAL PHASING NOTES.



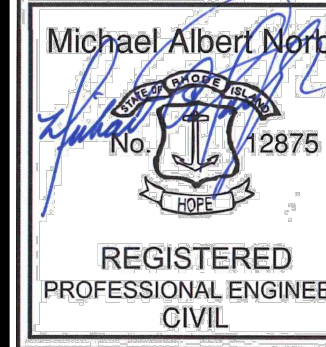
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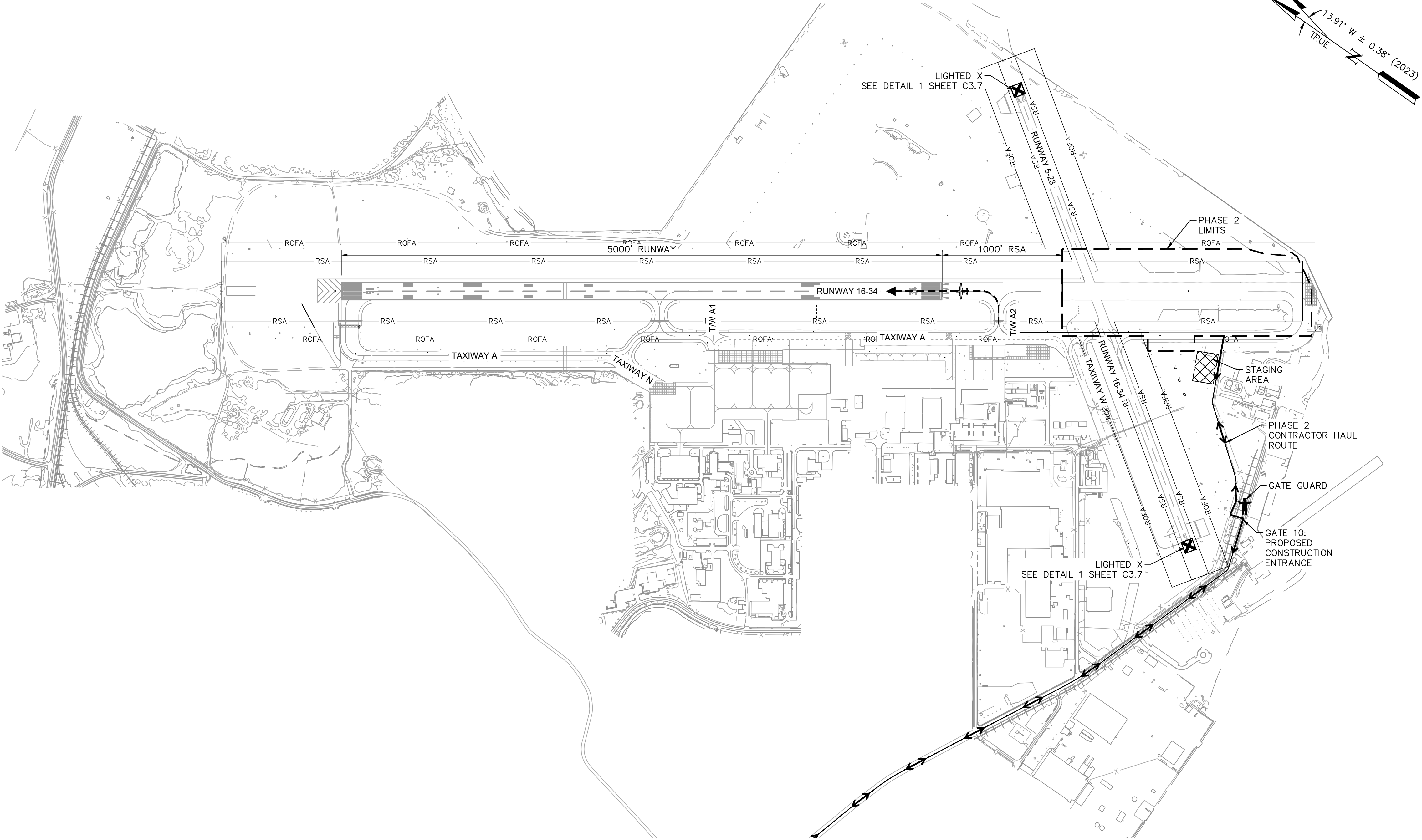
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NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	MAN
DRAWN BY	MSB
CHECKED BY	MAN
PROJECT NO.	112214003
FILE NO.	PH02-112214003
AIP NO.	0-00-0000-000-0000

SHEET TITLE
CONSTRUCTION
SAFETY AND
PHASING PLAN
PHASE 2
BID SCHEDULE 3

SHEET NO.	C3.4
20	OF 297

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PHASE 2 DESCRIPTION

CONTRACT DURATION: 119 CALENDAR DAYS

COORDINATION WITH RIAC IS REQUIRED TO ISSUE NOTAMS FOR THE CLOSURE OF RUNWAY 5-23 AND ALL PAVEMENT SOUTH OF TAXIWAY W FOR THE DURATION OF PHASE 2.

IT IS ASSUMED THAT THE MAJORITY OF WORK, IF NOT ALL, CAN BE COMPLETED DURING THE DAY WORK WITH THE FOLLOWING EXCEPTIONS:

1. WORK AT THE PHASE LINE BETWEEN PHASE 1 AND PHASE 2 WILL NEED TO BE COORDINATED FOR HEIGHT OF EQUIPMENT. COORDINATION WILL BE REQUIRED WITH THE RPR, RIAC AND RING FOR WORK IN THIS AREA IF EQUIPMENT PROTRUDES THE RESTRICTED AIRSPACE TO COMPLETE THE WORK DURING DAILY DOWNTIMES OR AT NIGHT.

PHASE 2 NOTES

1. FINALIZED PAVEMENT AND MARKINGS AT THE COMPLETION OF THIS PHASE WILL DEPEND ON WHETHER SCHEDULE 1 OR SCHEDULE 2 GET AWARDED.
2. TAXIWAY WILL BE OPEN FROM TAXIWAY W UP TO THE NORTH CONNECTION WITH RUNWAY 16. TAXIWAY A1 WILL BE OPEN IN ITS NEW LOCATION, TAXIWAY A2 WILL BE OPEN IN ITS CURRENT LOCATION, AND TAXIWAY W WILL BE OPEN FROM TAXIWAY A TO THE WEST END OF IT.
3. RUNWAY 5-23 WILL BE CLOSED FOR THE DURATION OF THIS PHASE. RUNWAY 16-34 WILL OPERATE AT A SHORTENED LENGTH FOR THE DURATION OF THIS PHASE.
4. CONTRACTOR SHALL NOT DISTURB EXISTING LOCALIZER OR ANY OF THE IDENTIFIED CABLES DURING PAVEMENT REMOVAL OR ANY OTHER OPERATIONS.
5. CONTRACTOR MUST ALLOW FOR ARFF ACCESS THROUGH THE SITE IN CASE OF EMERGENCY.
6. DEPENDING ON THE AWARD OF SCHEDULE 1 OR SCHEDULE 2, THE LIGHTING IN THIS PHASE WILL CHANGE UPON COMPLETION OF THE PHASE. PLEASE SEE ELECTRICAL SHEETS FOR CHANGES AND MODIFICATIONS DEPENDING ON AWARDED SCHEDULE.
7. AIRPORT MAINTENANCE FUNCTIONS, SUCH AS SNOW REMOVAL.
8. AT THE COMPLETION OF THE PHASE, RUNWAY 16-34 AND RUNWAY 5-23 SHALL OPERATE AT THEIR FULL LENGTHS. REFER TO SHEET C13.0 THROUGH ##### FOR PERMANENT RUNWAY 16-36 MARKINGS.
9. ONCE THE CONTRACTOR HAS COMPLETED THE FINAL PUNCH LIST AND THE PHASE IS COMPLETE, A SEPARATE NTP WILL BE ISSUED FOR THE FOLLOWING PHASE.

ADDENDUM NO. 2 03/07/2023

LEGEND

- PHASE 1 LIMITS
- PHASE 2 LIMITS
- CONTRACTOR STAGING AREA
- LOW PROFILE BARRICADES (LINKED) DETAIL 2 SHEET C3.7
- LOW PROFILE BARRICADES (UNLINKED) DETAIL 4 SHEET C3.7
- FLAGGER (PROVIDED BY THE CONTRACTOR)
- TAXIWAY CLOSURE X (PROVIDED BY THE CONTRACTOR) DETAIL 3 SHEET C3.7
- GATE GUARD (PROVIDED BY THE CONTRACTOR)
- PORTABLE LIGHTED RUNWAY CLOSURE MARKER (PROVIDED BY THE CONTRACTOR) DETAIL 1 SHEET C3.7
- HAUL ROUTE
- AIRCRAFT MOVEMENT
- ORANGE SAFETY FENCE DETAIL 5 SHEET C3.8
- PAVEMENT MARKING OBLITERATION
- PHASE LIMITS

GENERAL NOTES

1. REFER TO SHEET C3.0 FOR GENERAL PHASING NOTES.

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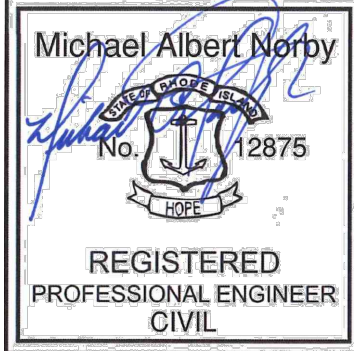
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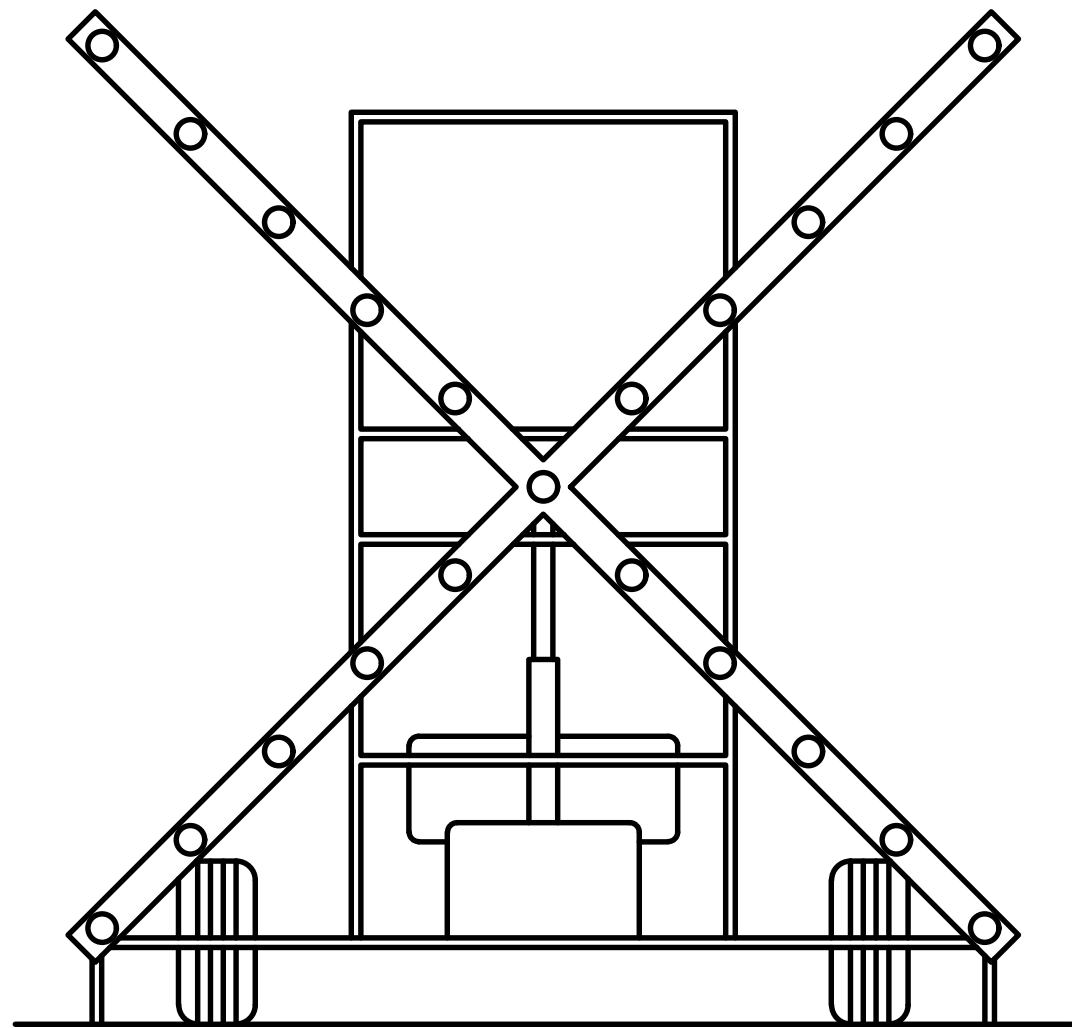


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QUONSET STATE AIRPORT
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NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	MAN
DRAWN BY	MSB
CHECKED BY	MAN
PROJECT NO.	112214003
FILE NO.	PH02-112214003
AIP NO.	0-00-0000-000-0000
SHEET TITLE	CONSTRUCTION SAFETY AND PHASING PLAN
PHASE 2 BID SCHEDULE 3	
SHEET NO.	C3.4
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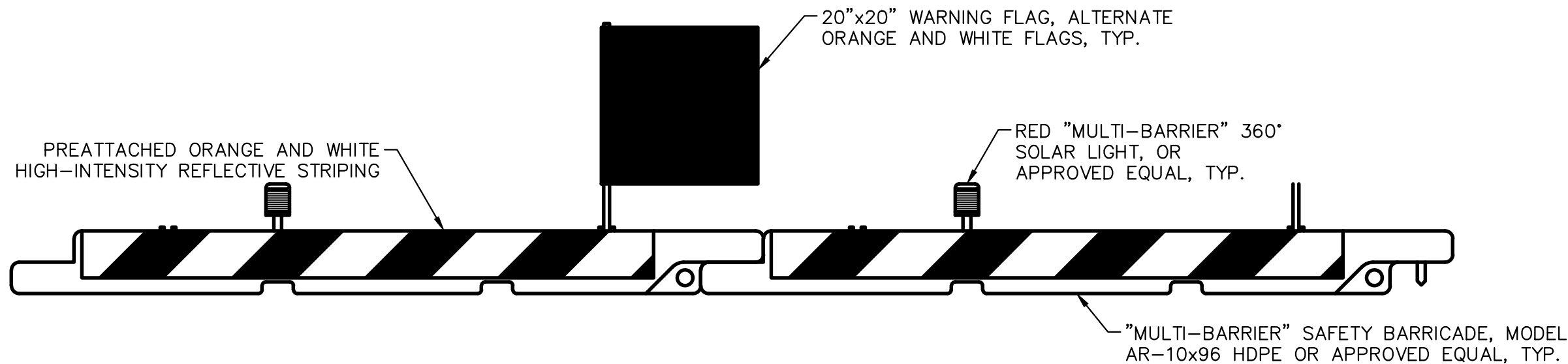
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1 PORTABLE LIGHTED RUNWAY CLOSURE MARKER (LIGHTED 'X')
NTS
*CONTRACTOR PROVIDED, CONTRACTOR MAINTAINED

PORTABLE LIGHTED RUNWAY CLOSURE MARKERS (LIGHTED X) SHALL MEET ALL OF THE FOLLOWING CONDITIONS:

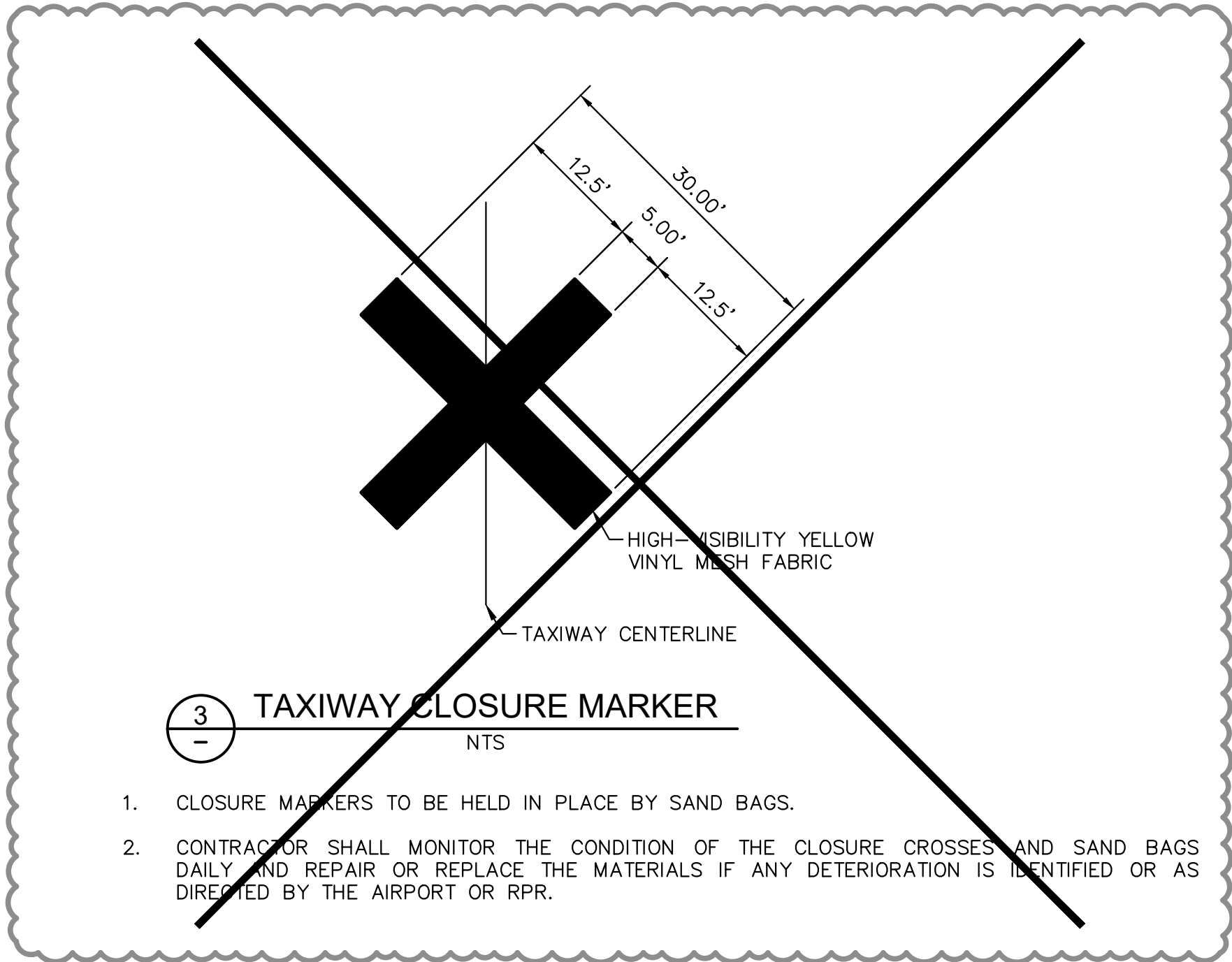
1. WILL BE PROVIDED BY THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THIS EQUIPMENT THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL NOTIFY THE AIRPORT IMMEDIATELY IF ANY DISRUPTION TO THE LIGHTED RUNWAY CLOSURE MARKERS IS NOTICED DURING WORK HOURS.
2. THE CONTRACTOR SHALL POSITION LIGHTED X'S AT RUNWAY ENDS FOR CLOSURES ON THE RUNWAY NUMERALS AND REMOVE X'S TO THE STAGING AREAS WHEN NOT IN USE. FUEL OIL, REPLACEMENT BULBS AND ALL MAINTENANCE SHALL BE PROVIDED BY THE CONTRACTOR.



2 TYPE 1 - LOW PROFILE BARRICADE (LINKED)
NTS

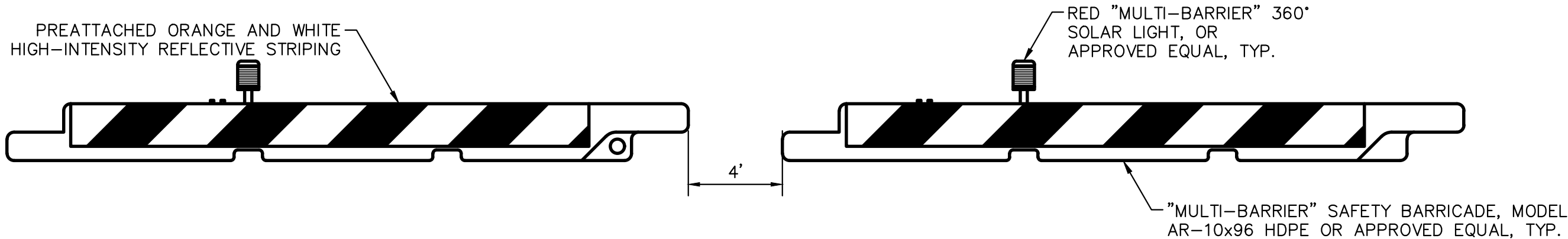
LOW PROFILE BARRICADES SHALL MEET ALL OF THE FOLLOWING CONDITIONS:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING ENOUGH BARRICADES ON SITE FOR EACH PHASE AS THEY PROGRESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RELOCATE ALL BARRICADES BETWEEN PHASES.
2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN LOW PROFILE BARRICADES, LIGHTS AND FLAGS FOR RUNWAY/TAXIWAY CLOSURES AS INDICATED ON THE CONSTRUCTION PHASING PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PROPER POSITIONING OF LOW PROFILE BARRICADES THROUGHOUT THE DURATION OF THE PROJECT AND SHALL REMOVE THE LOW PROFILE BARRICADES UPON COMPLETION.
3. LOW PROFILE BARRICADES LOCATED OUTSIDE OF ACTIVE RUNWAY SAFETY AND TAXIWAY OBJECT FREE AREAS, USED SOLELY TO CONTROL CONTRACTOR VEHICLE ROUTING MAY BE A TRAFFIC STYLE CONE OR BARRICADE AS APPROVED BY AIRPORT OPERATIONS AND THE ENGINEER.
4. LOW PROFILE BARRICADES SHALL BE CONNECTED.



3 TAXIWAY CLOSURE MARKER
NTS

1. CLOSURE MARKERS TO BE HELD IN PLACE BY SAND BAGS.
2. CONTRACTOR SHALL MONITOR THE CONDITION OF THE CLOSURE CROSSES AND SAND BAGS DAILY AND REPAIR OR REPLACE THE MATERIALS IF ANY DETERIORATION IS IDENTIFIED OR AS DIRECTED BY THE AIRPORT OR RPR.



4 TYPE 1 - LOW PROFILE BARRICADE (UNLINKED)
NTS

LOW PROFILE BARRICADES SHALL MEET ALL OF THE FOLLOWING CONDITIONS:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING ENOUGH BARRICADES ON SITE FOR EACH PHASE AS THEY PROGRESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RELOCATE ALL BARRICADES BETWEEN PHASES.
2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN LOW PROFILE BARRICADES, LIGHTS AND FLAGS FOR RUNWAY/TAXIWAY CLOSURES AS INDICATED ON THE CONSTRUCTION PHASING PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PROPER POSITIONING OF LOW PROFILE BARRICADES THROUGHOUT THE DURATION OF THE PROJECT AND SHALL REMOVE THE LOW PROFILE BARRICADES UPON COMPLETION.
3. LOW PROFILE BARRICADES LOCATED OUTSIDE OF ACTIVE RUNWAY SAFETY AND TAXIWAY OBJECT FREE AREAS, USED SOLELY TO CONTROL CONTRACTOR VEHICLE ROUTING MAY BE A TRAFFIC STYLE CONE OR BARRICADE AS APPROVED BY AIRPORT OPERATIONS AND THE ENGINEER.
4. LOW PROFILE BARRICADES SHALL BE DISCONNECTED.

ADDENDUM NO. 2 03/07/2023



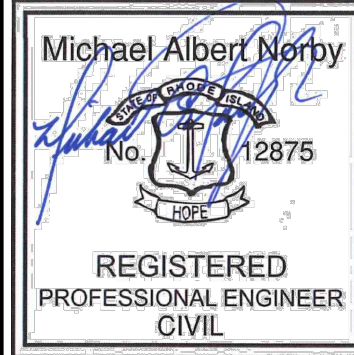
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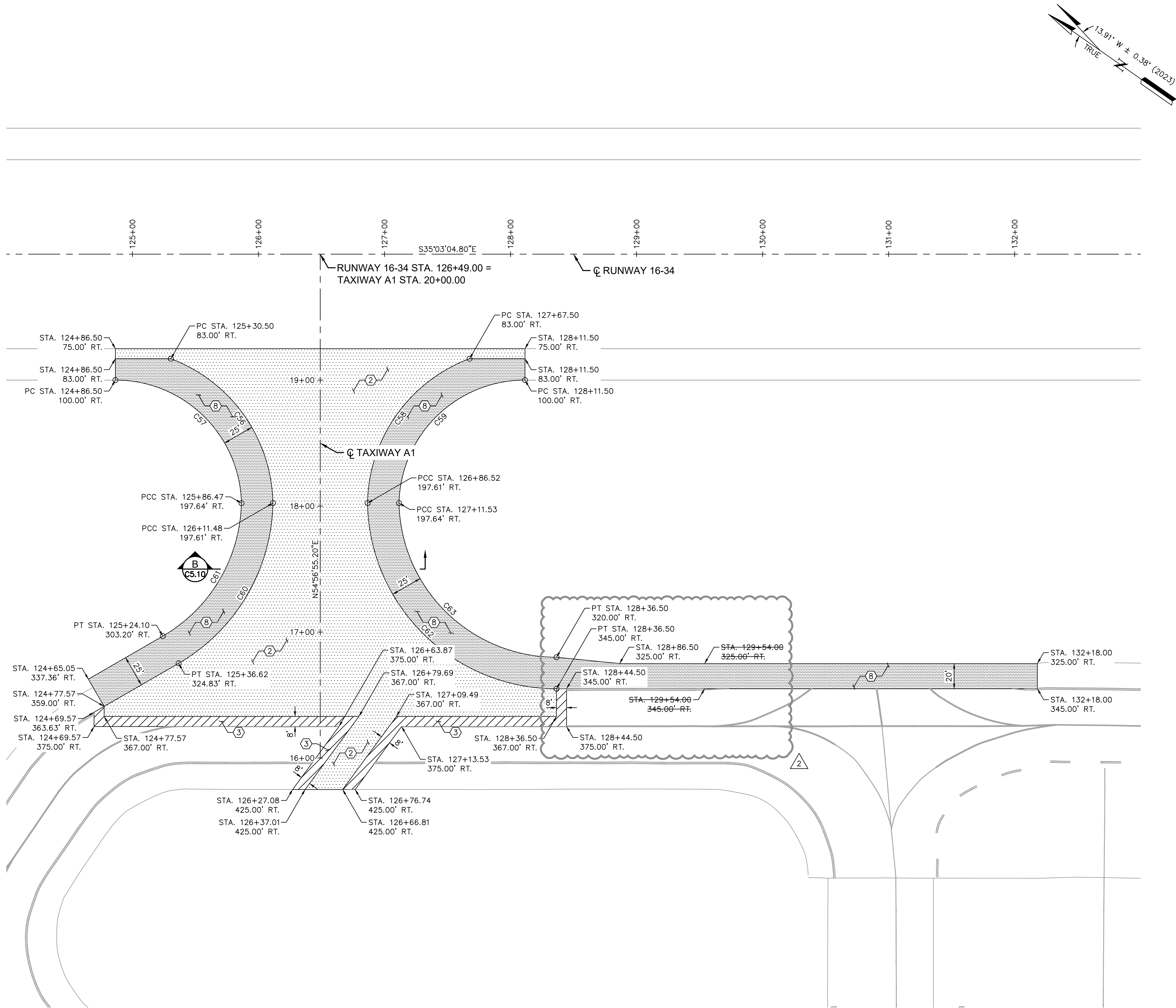
QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	MAN
DRAWN BY	MSB
CHECKED BY	MAN
PROJECT NO.	112214003
FILE NO.	CZ-112214003
AIP NO. 0-00-0000-000-0000	
SHEET TITLE	

CONSTRUCTION
SAFETY AND
PHASING DETAILS

SHEET NO.	C3.7
23	OF 297

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ADDENDUM NO. 2
03/07/2023

LEGEND

- ① FULL-DEPTH CEMENT CONCRETE PAVEMENT SECTION
- ② FULL-DEPTH ASPHALT MIX PAVEMENT SECTION
- ③ ASPHALT MIX PAVEMENT TRANSITION PER DETAIL 9, SHEET C11.3
- ④ ASPHALT MIX PAVEMENT TRANSITION (VARIABLE DEPTH)
- ⑤ FULL-DEPTH ASPHALT MIX PAVEMENT SECTION PER OPTION A OR CEMENT CONCRETE PAVEMENT SECTION PER OPTION B
- ⑥ TRANSITION SLAB PER DETAIL 10, SHEET C11.3
- ⑦ EXISTING TRANSITION SLAB PER DETAIL 1, SHEET C6.10
- ⑧ ASPHALT MIX SHOULDER OR ACCESS ROAD PAVEMENT SECTION
- ⑨ UNPAVED ACCESS ROAD OR SHOULDER SECTION
- ⑩ SURVEY CONTROL MONUMENT PER DETAIL 1, SHEET C1.9

GENERAL NOTES

- REFER TO PROJECT LAYOUT PLANS, SHEETS C1.11 THROUGH C1.13.
- REFER TO HORIZONTAL AND VERTICAL CONTROL PLAN, SHEET C1.14.
- REFER TO TYPICAL SECTIONS (SERIES C5) FOR PAVEMENT STRUCTURAL SECTIONS.
- STATION AND OFFSET INFORMATION REFERENCES RUNWAY 16-34 CENTERLINE.

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C56	149.00'	125.00'	68° 17' 47.49"
C57	154.72'	100.00'	88° 38' 50.33"
C58	149.00'	125.00'	68° 17' 47.49"
C59	154.72'	100.00'	88° 38' 50.33"
C60	154.33'	150.00'	58° 56' 54.26"
C61	128.14'	125.00'	58° 44' 13.25"
C62	233.01'	150.00'	89° 00' 05.47"
C63	193.71'	125.00'	88° 47' 24.46"



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1 CEDAR STREET
SUITE 400
PROVIDENCE, RI 02903

Michael Albert Norby
No. 12875
REGISTERED PROFESSIONAL ENGINEER
CIVIL
03/07/2023

REV	BY	DESCRIPTION	DATE	OKD
2	MPB	ADDENDUM NO. 2	03/07/23	MAN

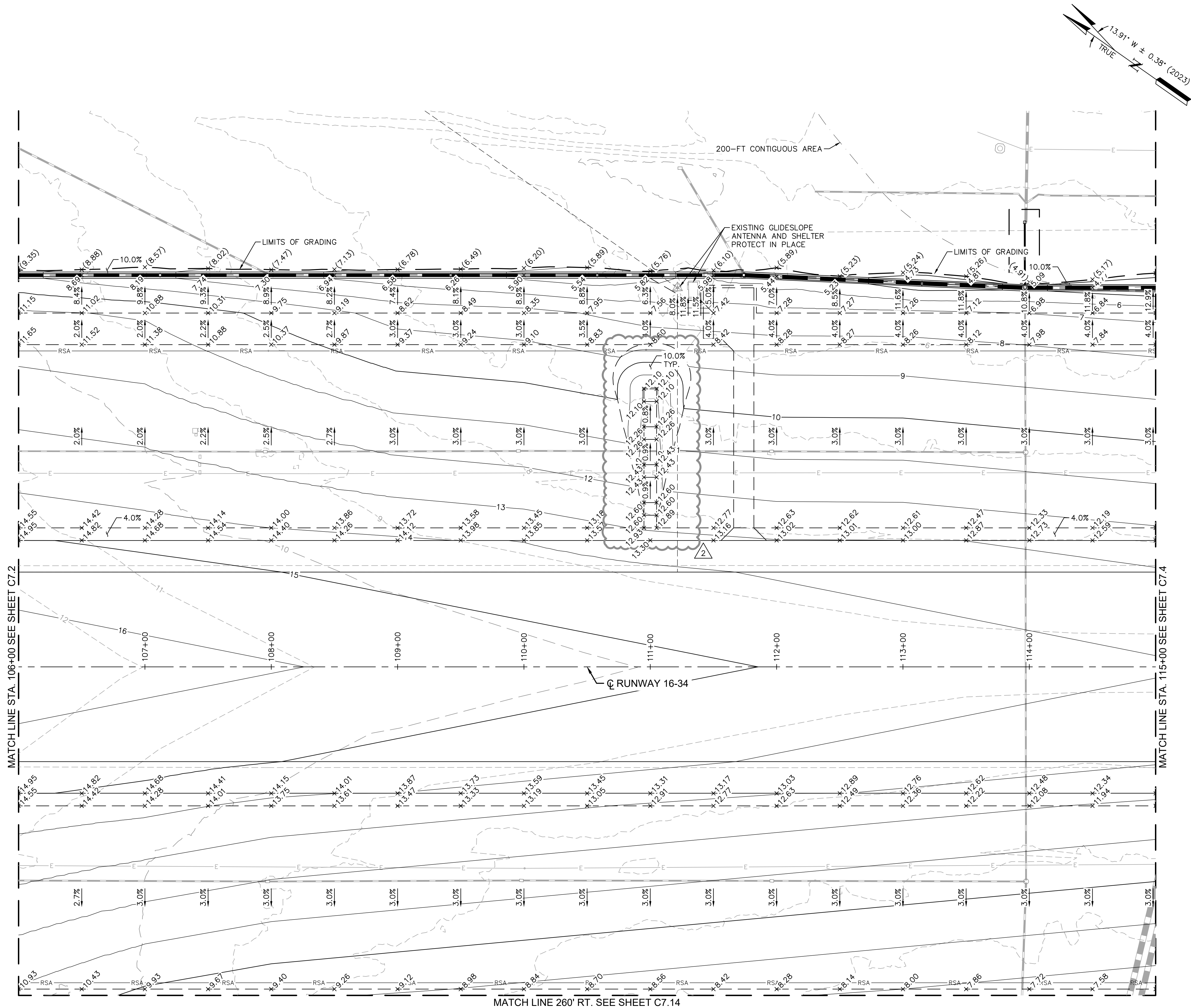
QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	MPB
DRAWN BY	ACR
CHECKED BY	MAN
PROJECT NO.	112214003
FILE NO.	GL03-112214003
AIP NO.	0-00-0000-000-0000
SHEET TITLE	

GEOMETRIC
LAYOUT PLAN
BID SCHEDULES 1 AND 2
STA. 124+00 TO
STA. 133+00

SHEET NO.	C6.12
70 OF 297	

C:\pw\kh\1\0073969\GD01-112214003.dwg, Boyles, Mike, 3/6/2023 12:43 PM
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ADDENDUM NO. 2

03/07/2023

LEGEND

- ① ● SURVEY CONTROL MONUMENT PER DETAIL 1, SHEET ###
- ② PROPOSED STORM DRAIN SYSTEM, REFER TO STORM DRAIN PLANS (SERIES C8)
- ③ ADJUST EXISTING STRUCTURE TO GRADE
- ④ PROTECTION EXISTING FACILITY IN PLACE
- ⑤ PROPOSED UTILITY SLEEVE (TWENTY-INCH (20") STAINLESS STEEL, CAPPED AT BOTH ENDS)

GENERAL NOTES

- REFER TO PROJECT LAYOUT PLANS, SHEETS C1.11 THROUGH C1.13.
- THE LIMITS OF SCHEDULE 3 ARE SHOWN HEREIN, HOWEVER, SCHEDULE 3 IS NOT PART OF THIS CONTRACT. REFER TO SCHEDULE 1 AND SCHEDULE 2 PLANS AS DIRECTED.
- THE CONTRACTOR SHALL VERIFY AND MATCH EXISTING ELEVATIONS WHERE APPLICABLE AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ELEVATIONS SHOWN HEREON AND THOSE FOUND IN THE FIELD.
- SPOT ELEVATIONS SHOWN ON FIFTY-FOOT (50') STATIONS ALONG RUNWAY 16-34 CENTERLINE.
- DESIGN CONTOURS REPRESENT FINISHED GRADE: CONTOURS, GRADES AND SLOPES ARE APPROXIMATE AND SHOWN AS SUPPLEMENTAL INFORMATION ONLY.
- EXPOSED SUBGRADE AND BASE MATERIAL SHALL BE KEPT MOIST, COMPACTED AND TREATED WITH A DUST PALLIATIVE STABILIZER TO MINIMIZE FOD FROM JET BLAST.
- REFER TO STORM DRAIN PLANS (SERIES C8) FOR DRAINAGE DETAILS.
- REFER TO ELECTRICAL PLANS (SERIES E) FOR AIRFIELD LIGHTING AND SIGNAGE SYSTEMS (NOT SHOWN).
- STATION AND OFFSET INFORMATION REFERENCES RUNWAY 16-34 CENTERLINE.



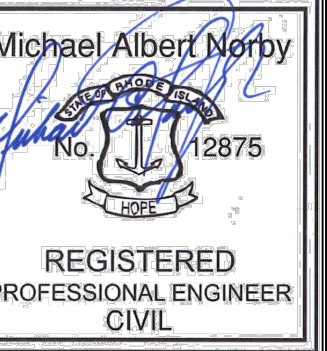
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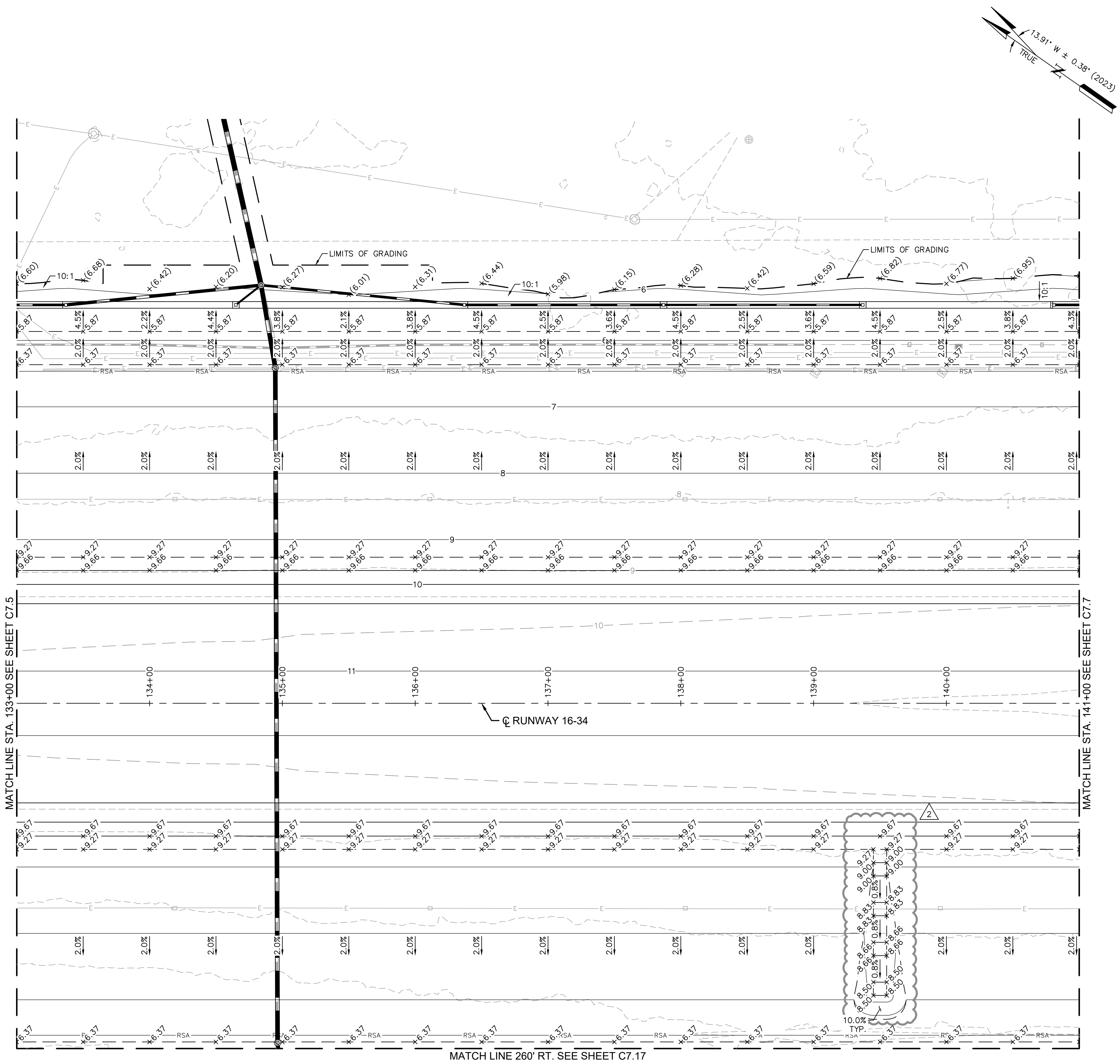
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NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	MPB
DRAWN BY	AMF
CHECKED BY	MAN
PROJECT NO.	112214003
FILE NO.	GD01-112214003
AIP NO. 0-00-0000-000-0000	

SHEET TITLE
GRADING AND
DRAINAGE PLAN
RUNWAY 16-34
BID SCHEDULE 3
STA. 106+00 TO
STA. 115+00

SHEET NO.
C7.3

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ADDENDUM NO. 2

03/07/2023

LEGEND

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- STATION AND OFFSET INFORMATION REFERENCES RUNWAY 16-34 CENTERLINE.



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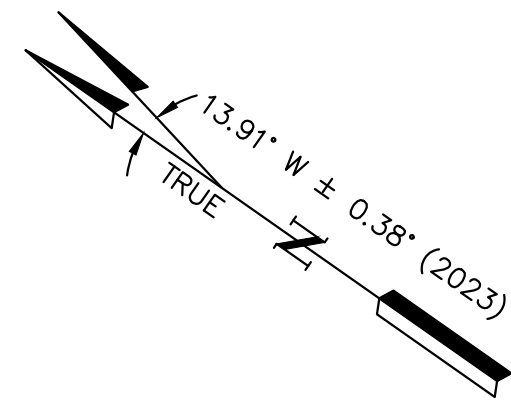
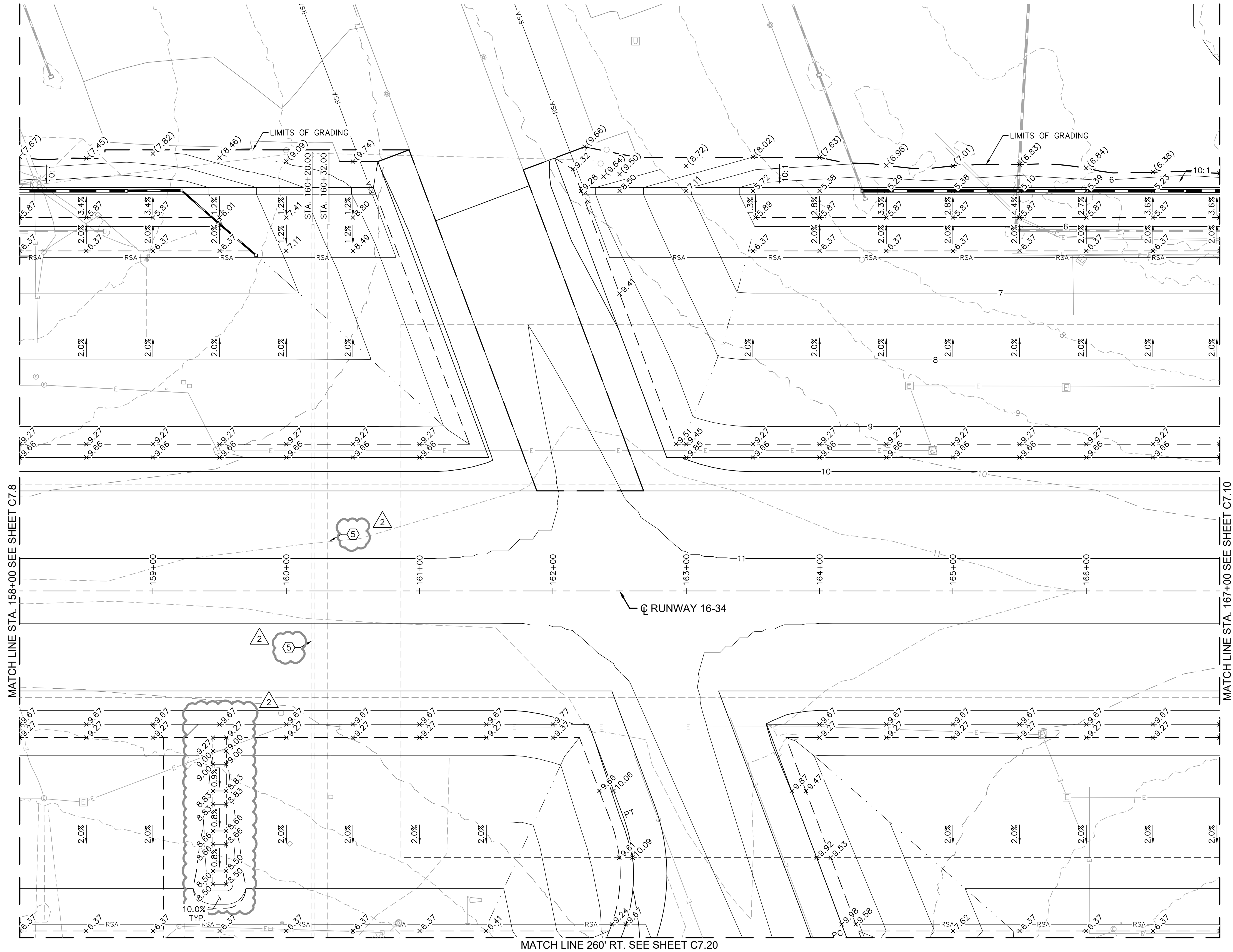
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2	MPB	ADDENDUM NO. 2	03/07/23	MAN

QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	MPB
DRAWN BY	AMF
CHECKED BY	MAN
PROJECT NO.	112214003
FILE NO.	GD01-112214003
AIP NO.	0-00-0000-000-0000
SHEET TITLE	GRADING AND DRAINAGE PLAN
SHEET NO.	C7.6
80 OF 297	

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ADDENDUM NO. 2

03/07/2023

LEGEND

- ① ● SURVEY CONTROL MONUMENT PER DETAIL 1, SHEET ###
- ② PROPOSED STORM DRAIN SYSTEM, REFER TO STORM DRAIN PLANS (SERIES C8)
- ③ ADJUST EXISTING STRUCTURE TO GRADE
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- STATION AND OFFSET INFORMATION REFERENCES RUNWAY 16-34 CENTERLINE.



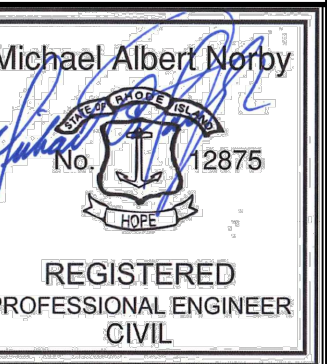
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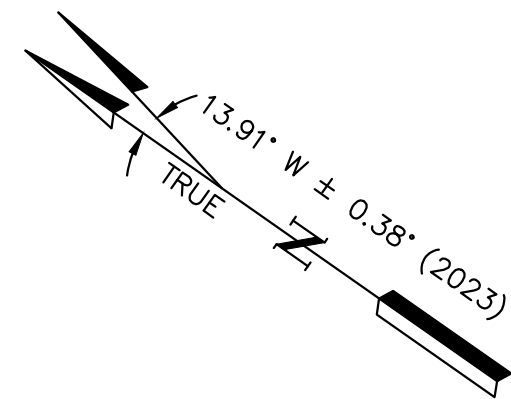


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RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE 03/07/2023
DESIGNED BY MPB
DRAWN BY AMF
CHECKED BY MAN
PROJECT NO. 112214003
FILE NO. GD01-112214003
AIP NO. 0-00-0000-000-0000
SHEET TITLE
GRADING AND DRAINAGE PLAN
RUNWAY 16-34
BID SCHEDULE 3
STA. 158+00 TO STA. 167+00

SHEET NO.
C7.9
83 OF 297



ADDENDUM NO. 2
03/07/2023

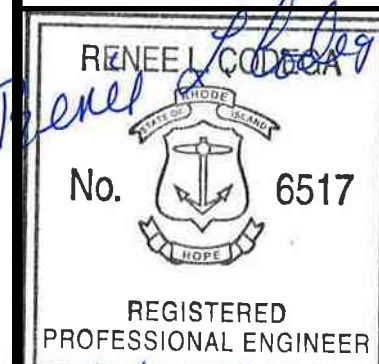
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PROVIDENCE, RI 02903



LEGEND

- LIMIT OF WORK
-  PROPOSED PAVEMENT LIMITS
-  QUALIFYING PERVIOUS AREA (QPA)
-  STORM DRAIN INLET (CB/DBC/BI/DDI)
-  DRAIN MANHOLE
-  DRAIN PIPE
-  DRAINAGE PIPE ABANDONED
-  DRAINAGE STRUCTURE ABANDONED
-  DRAINAGE PIPE REMOVED
-  DRAINAGE STRUCTURE REMOVED

GENERAL NOTES

1. REFER TO HORIZONTAL AND VERTICAL CONTROL PLAN, SHEET C1.14.
2. STATION AND OFFSET INFORMATION REFERENCES RUNWAY 16-34 CENTERLINE.
3. ALL PIPES SHALL BE CLASS V RCP UNLESS OTHERWISE NOTED.
4. GRADING PROVIDED BY KIMLEY HORN IN CAD FILE OFG-112214003.dwg.
5. GRADING SHOWN FOR REFERENCE ONLY. REFER TO SHEETS C7.0 THROUGH C7.22 FOR ADDITIONAL DETAIL.
6. PIPE BEDDING PER DETAIL ON SHEET C8.30.
7. REFER TO SHEETS C4.0 THROUGH C4.22 DEMOLITION PLANS FOR DEMOLITION OF EXISTING DRAINAGE.

CONTRACTOR NOTES

1. CONTRACTOR TO CLEAN AND FLUSH ALL EXISTING STRUCTURES WITHIN THE LIMIT OF WORK. ADDITIONALLY CONTRACTOR SHALL CLEAN AND FLUSH ALL EXISTING PIPES WITHIN THE LIMIT OF WORK AND UP TO THE OUTFALLS. CLEANING AND FLUSHING SHALL OCCUR AFTER CONSTRUCTION COMPLETION.
2. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES. THE COST ASSOCIATED WITH ANY REWORK OF NEW UTILITIES INSTALLED PRIOR TO VERIFICATION OF EXISTING CONDITIONS SHALL BE AT NO ADDITIONAL COST TO THE OWNER.
3. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
4. WHERE DRAINAGE PIPES AND STRUCTURES ARE PROPOSED IN THE SAME LOCATION AS EXISTING PIPES AND STRUCTURES THE CONTRACTOR SHALL REMOVE AND DISPOSE THE EXISTING INFRASTRUCTURE. THE REMOVAL AND DISPOSAL OF EXISTING DRAINAGE STRUCTURES AND PIPES SHALL BE INCIDENTAL TO THE INSTALLATION OF PROPOSED DRAINAGE INFRASTRUCTURE.
5. CONTRACTOR TO CONFIRM EXISTING INVERTS PRIOR TO SUBMITTING SHOP DRAWINGS.
6. MANHOLES, CATCH BASINS AND DOUBLE CATCH BASINS SHALL BE 48-INCH MINIMUM INSIDE DIAMETER AND SHALL BE SUFFICIENT DIAMETER TO ACCEPT THE PIPE PENETRATIONS INDICATED ON THE DRAWINGS.



Know what's **below**.
Call before you dig.

DATE	03/07/2023
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DESIGNED BY	RPL
-------------	-----

DRAWN BY MBE

CHECKED BY KMC

PROJECT NO. 112214003

FILE NO. DR01-112214003

AIP NO. 0-00-0000-000-0000

SHEET TITLE

STORM DRAIN PLAN

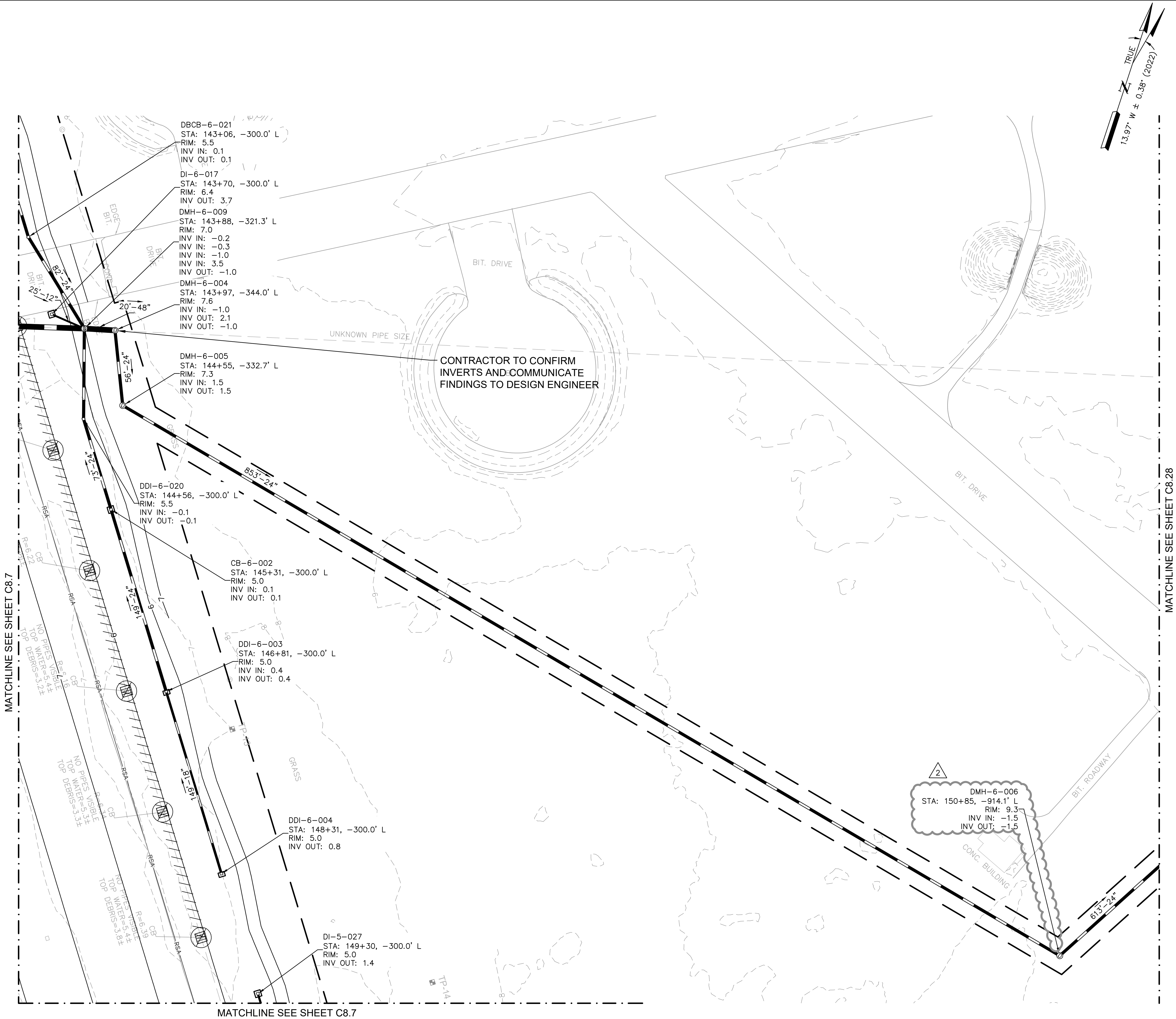
BID SCHEDULE 3
STA. 178+00 TO
STA. 187+00

SHEET NO.

C8.21

118 OF 297

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ADDENDUM NO. 2

03/07/2023

LEGEND

- LIMIT OF WORK
- PROPOSED PAVEMENT LIMITS
- QUALIFYING PERVIOUS AREA (QPA)
- STORM DRAIN INLET (CB/DBCB/DI/DDI)
- DRAIN MANHOLE
- DRAIN PIPE
- //// DRAINAGE PIPE ABANDONED
- ⊗ DRAINAGE STRUCTURE ABANDONED
- ~ DRAINAGE PIPE REMOVED
- ⊗ DRAINAGE STRUCTURE REMOVED

GENERAL NOTES

- REFER TO HORIZONTAL AND VERTICAL CONTROL PLAN, SHEET C1.14.
- STATION AND OFFSET INFORMATION REFERENCES RUNWAY 16-34 CENTERLINE.
- ALL PIPES SHALL BE CLASS V RCP UNLESS OTHERWISE NOTED.
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- GRADING SHOWN FOR REFERENCE ONLY. REFER TO SHEETS C7.0 THROUGH C7.22 FOR ADDITIONAL DETAIL.
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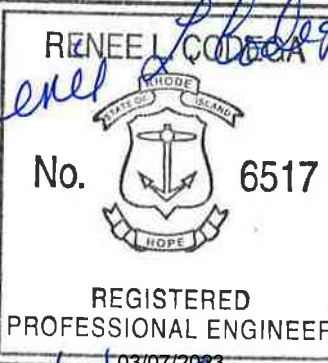
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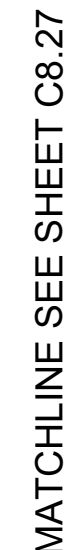
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QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	RPL
DRAWN BY	MBB
CHECKED BY	KMC
PROJECT NO.	112214003
FILE NO.	DR01-112214003
AIP NO. 0-00-0000-000-0000	
SHEET TITLE	

STORM DRAIN
BID SCHEDULE 3

SHEET NO.
C8.27
124 OF 297




ADDENDUM NO. 2
03/07/2023

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PROVIDENCE, RI 02903

RENEEL CODECA

No. 6517

REGISTERED
PROFESSIONAL ENGINEER

03/07/2023

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
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NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2021
DESIGNED BY	RP
DRAWN BY	MB
CHECKED BY	KM
PROJECT NO.	11221400
FILE NO.	DR01-11221400
AIP NO.	0-00-0000-000-000
SHEET TITLE	

STORM DRAIN
PLAN
BID SCHEDULE 3

SHEET NO.
C8.28
125 OF 297

LEGEND

-  LIMIT OF WORK
 PROPOSED PAVEMENT LIMITS
 QUALIFYING PVIOUS AREA (QPA)
 STORM DRAIN INLET (CB/DBC/DI/DD)
 DRAIN MANHOLE
 DRAIN PIPE
 DRAINAGE PIPE ABANDONED
 DRAINAGE STRUCTURE ABANDONED
 DRAINAGE PIPE REMOVED
 DRAINAGE STRUCTURE REMOVED

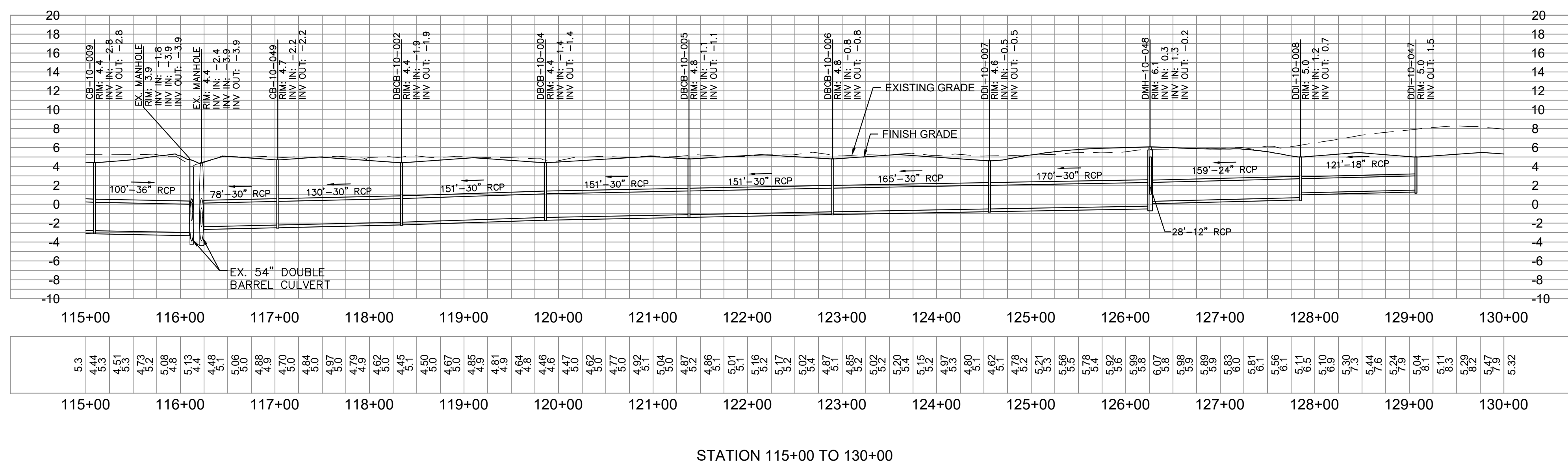
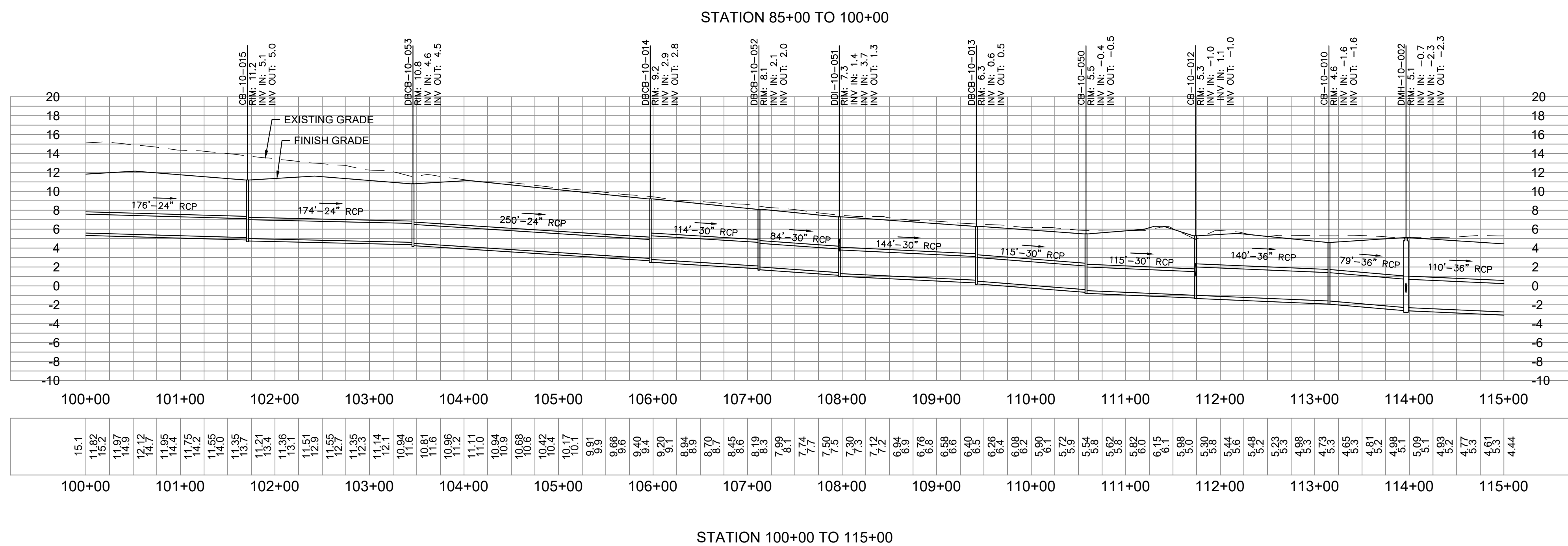
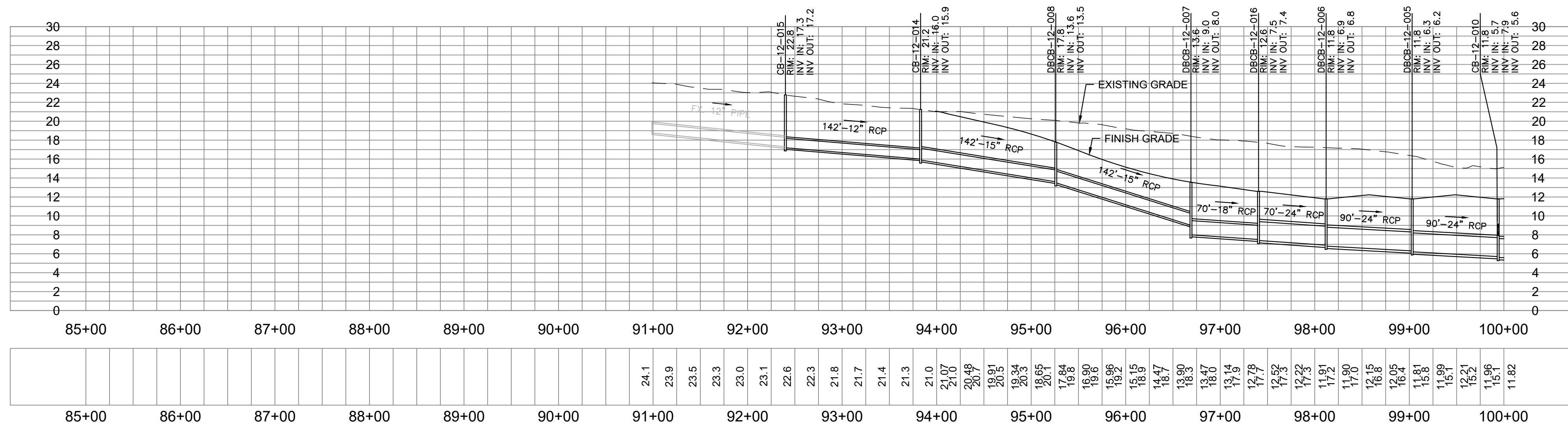
GENERAL NOTES

1. REFER TO HORIZONTAL AND VERTICAL CONTROL PLAN, SHEET C1.14.
2. STATION AND OFFSET INFORMATION REFERENCES RUNWAY 16-34 CENTERLINE.
3. ALL PIPES SHALL BE CLASS V RCP UNLESS OTHERWISE NOTED.
4. GRADING PROVIDED BY KIMLEY HORN IN CAD FILE OFG-112214003.dwg.
5. GRADING SHOWN FOR REFERENCE ONLY. REFER TO SHEETS C7.0 THROUGH C7.22 FOR ADDITIONAL DETAIL.
6. PIPE BEDDING PER DETAIL ON SHEET C8.30.
7. REFER TO SHEETS C4.0 THROUGH C4.22 DEMOLITION PLANS FOR DEMOLITION OF EXISTING DRAINAGE.

CONTRACTOR NOTES

1. CONTRACTOR TO CLEAN AND FLUSH ALL EXISTING STRUCTURES WITHIN THE LIMIT OF WORK. ADDITIONALLY CONTRACTOR SHALL CLEAN AND FLUSH ALL EXISTING PIPES WITHIN THE LIMIT OF WORK AND UP TO THE OUTFALLS. CLEANING AND FLUSHING SHALL OCCUR AFTER CONSTRUCTION COMPLETION.
2. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES. THE COST ASSOCIATED WITH ANY REWORK OF NEW UTILITIES INSTALLED PRIOR TO VERIFICATION OF EXISTING CONDITIONS SHALL BE AT NO ADDITIONAL COST TO THE OWNER.
3. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
4. WHERE DRAINAGE PIPES AND STRUCTURES ARE PROPOSED IN THE SAME LOCATION AS EXISTING PIPES AND STRUCTURES THE CONTRACTOR SHALL REMOVE AND DISPOSE THE EXISTING INFRASTRUCTURE. THE REMOVAL AND DISPOSAL OF EXISTING DRAINAGE STRUCTURES AND PIPES SHALL BE INCIDENTAL TO THE INSTALLATION OF PROPOSED DRAINAGE INFRASTRUCTURE.
5. CONTRACTOR TO CONFIRM EXISTING INVERTS PRIOR TO SUBMITTING SHOP DRAWINGS.
6. MANHOLES, CATCH BASINS AND DOUBLE CATCH BASINS SHALL BE 48-INCH MINIMUM INSIDE DIAMETER AND SHALL BE SUFFICIENT DIAMETER TO ACCEPT THE PIPE PENETRATIONS INDICATED ON THE DRAWINGS.





ADDENDUM NO. 2
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SUITE 400
PROVIDENCE, RI 02903

RENEEL CODECA
No. 6517
REGISTERED
PROFESSIONAL ENGINEER

[illegible]

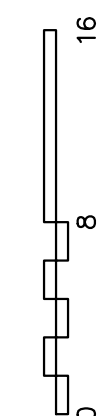
QUONSET STATE AIRPORT
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NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	RPL
DRAWN BY	MBB
CHECKED BY	RLC
PROJECT NO.	112214003
FILE NO.	DR02-112214003
AIP NO.	0-00-0000-000-0000
SHEET TITLE	

STORM DRAIN PROFILE

SHEET NO.

130 OF 297

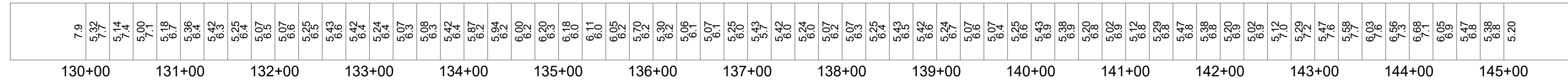


NEW SHEET ADDED TO PLAN SET

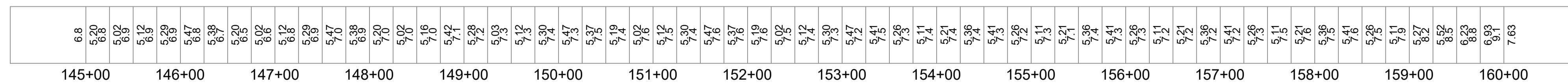


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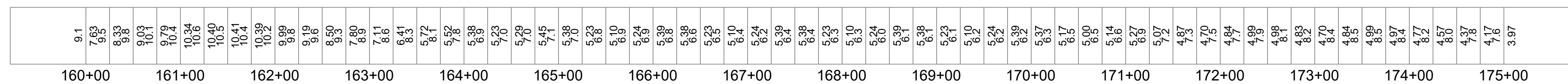
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STATION 130+00 TO 145+00



STATION 145+00 TO 160+00



STATION 160+00 TO 175+00

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RENEEL CODESA
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02/07/2013

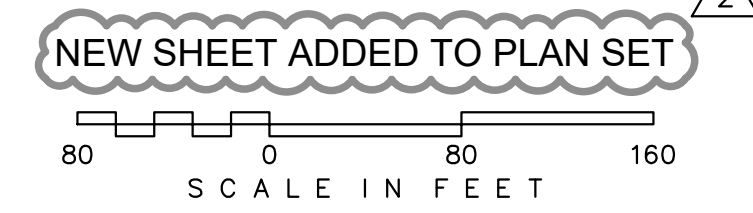
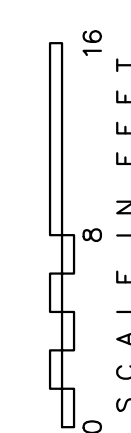
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2	RPL	ADDENDUM NO. 2	03/07/23	KAC

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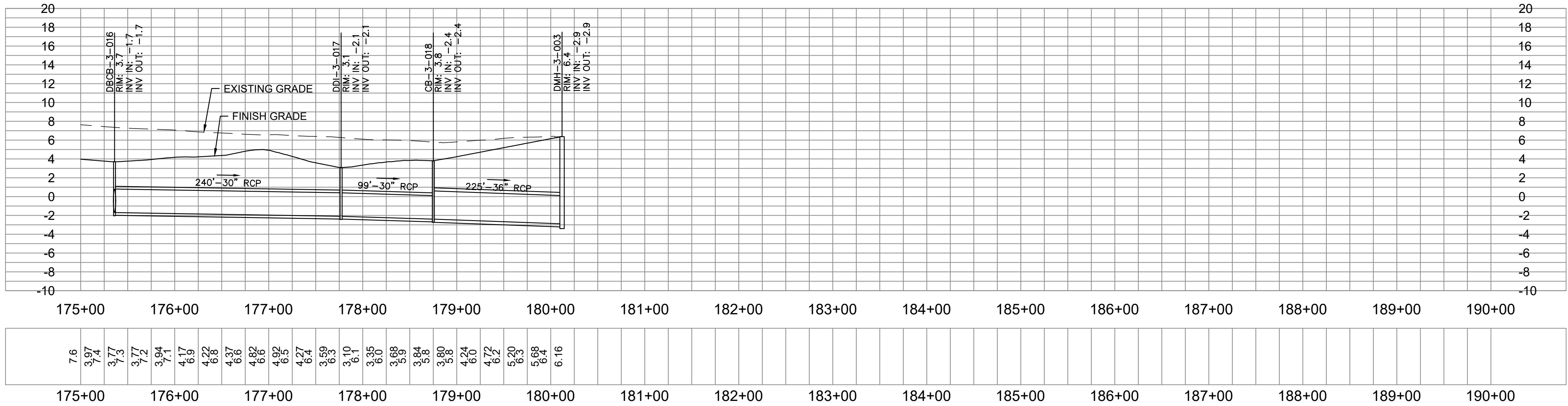
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DRAWN BY	MBB
CHECKED BY	RLC
PROJECT NO.	112214003
FILE NO.	DR02-112214003
AIP NO.	0-00-0000-000-0000
SHEET TITLE	

STORM DRAIN PROFILE

SHEET NO.
C8.34



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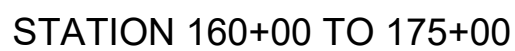
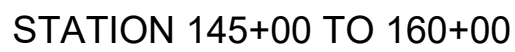
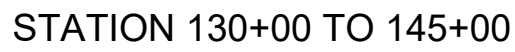
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AIP NO. 0-00-0000-000-0000	
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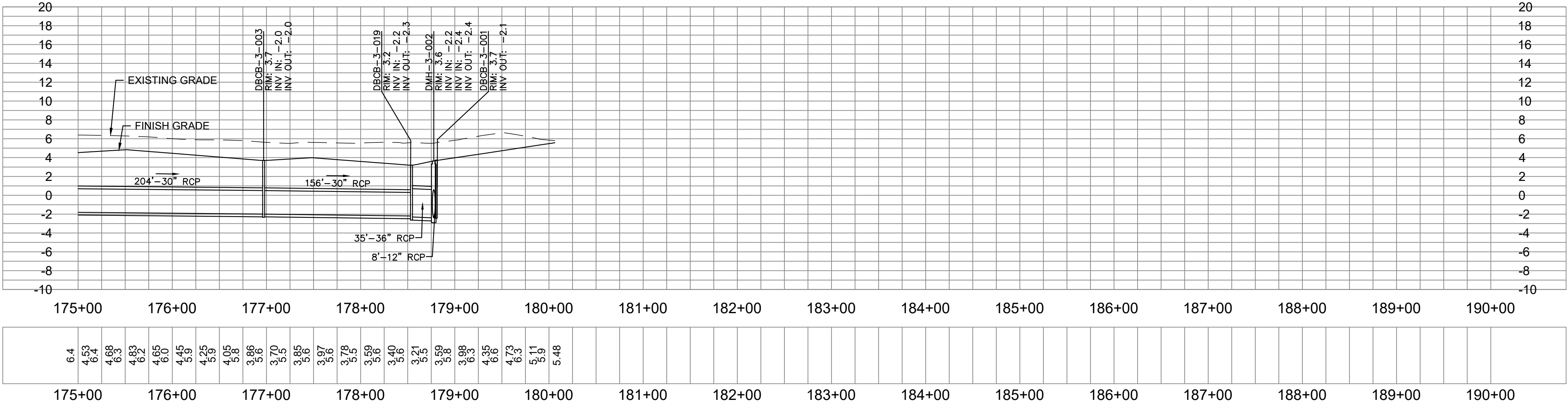
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DATE	03/07/2023
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PROJECT NO.	112214003
FILE NO.	DR02-112214003
AIP NO.	0-00-0000-000-0000
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STATION 175+00 TO 190+00

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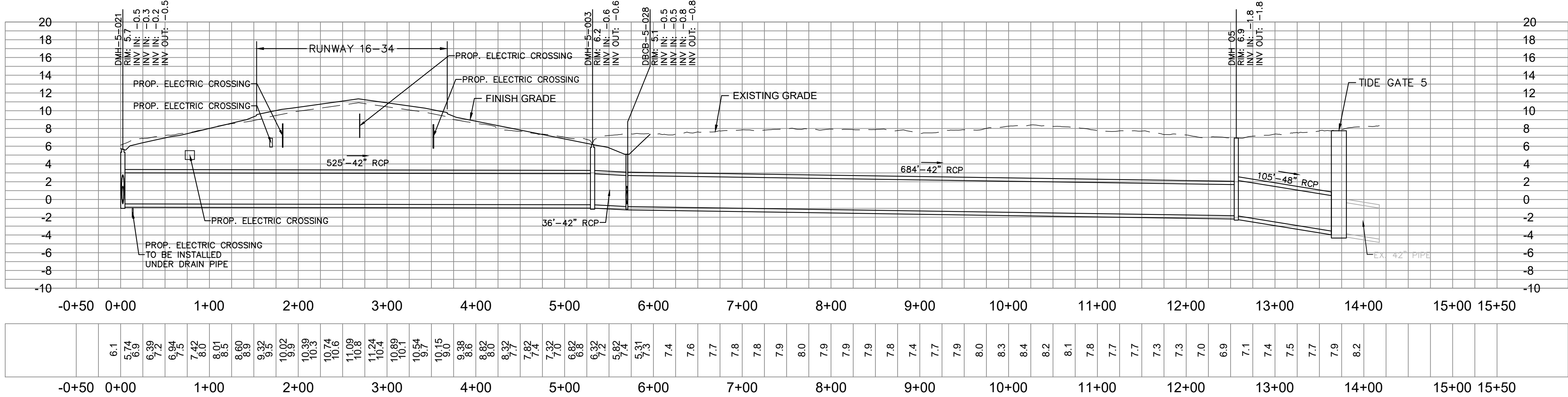
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NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	RPL
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FILE NO.	DR02-112214003
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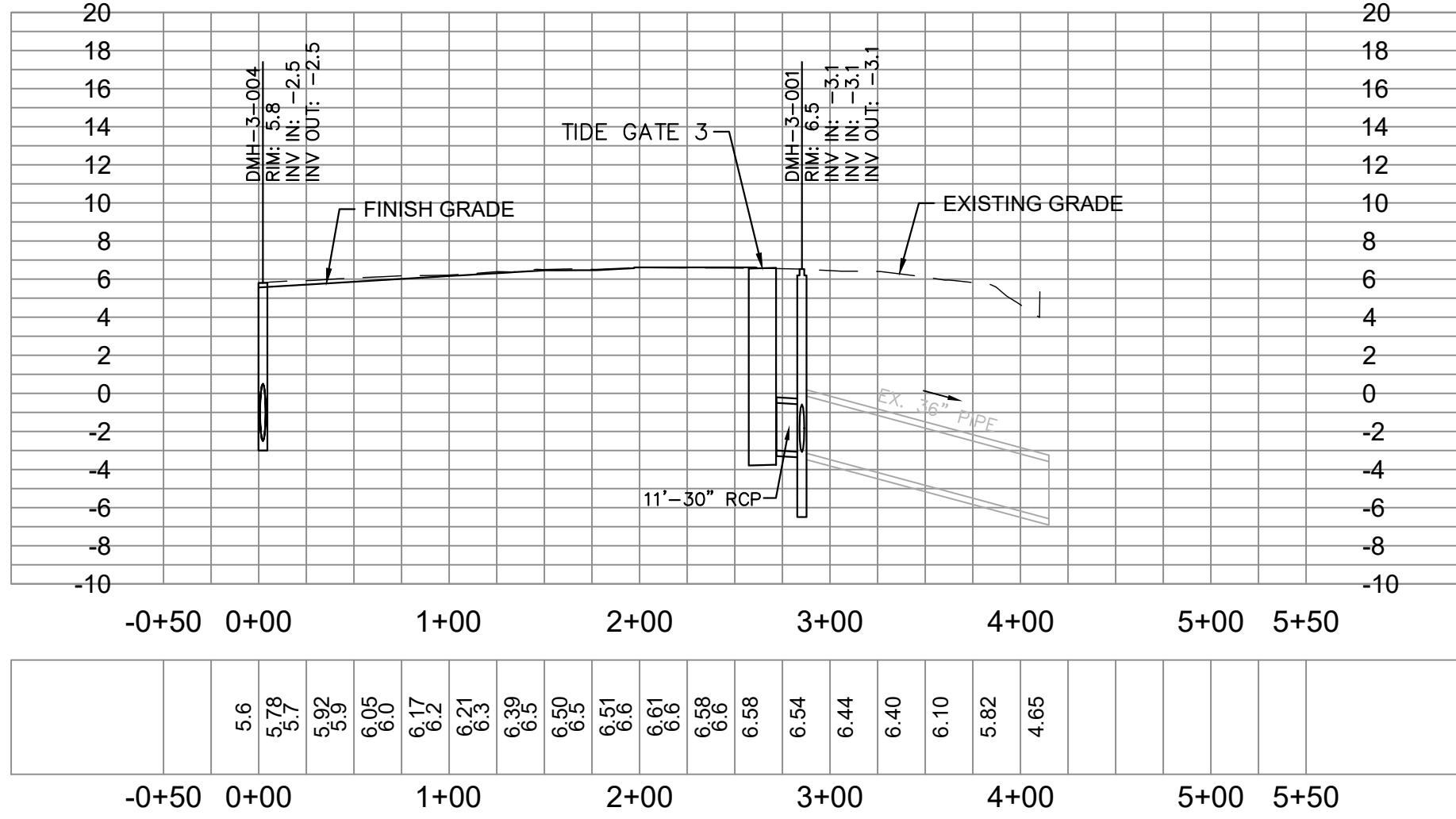
STORM DRAIN
PROFILE

SHEET NO.
C8.38

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STATION -0+50 TO 15+50
SEE PLAN SHEETS C8.18, C8.8, C8.29



STATION -0+50 TO 5+50
SEE PLAN SHEET C8.11

NOTE: STATIONING ON THIS SHEET REFERS TO DISTANCE
ALONG THE PIPE RUN STARTING WITH THE FURTHEST
UPSTREAM STRUCTURE. SEE PLAN SHEETS SPECIFIED.

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RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
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CHECKED BY	RLC
PROJECT NO.	112214003
FILE NO.	DR02-112214003
AIP NO. 0-00-0000-000-0000	
SHEET TITLE	

STORM DRAIN
PROFILE

SHEET NO.
C8.40

137 OF 297

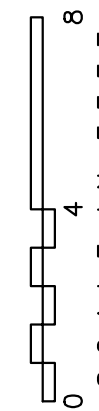
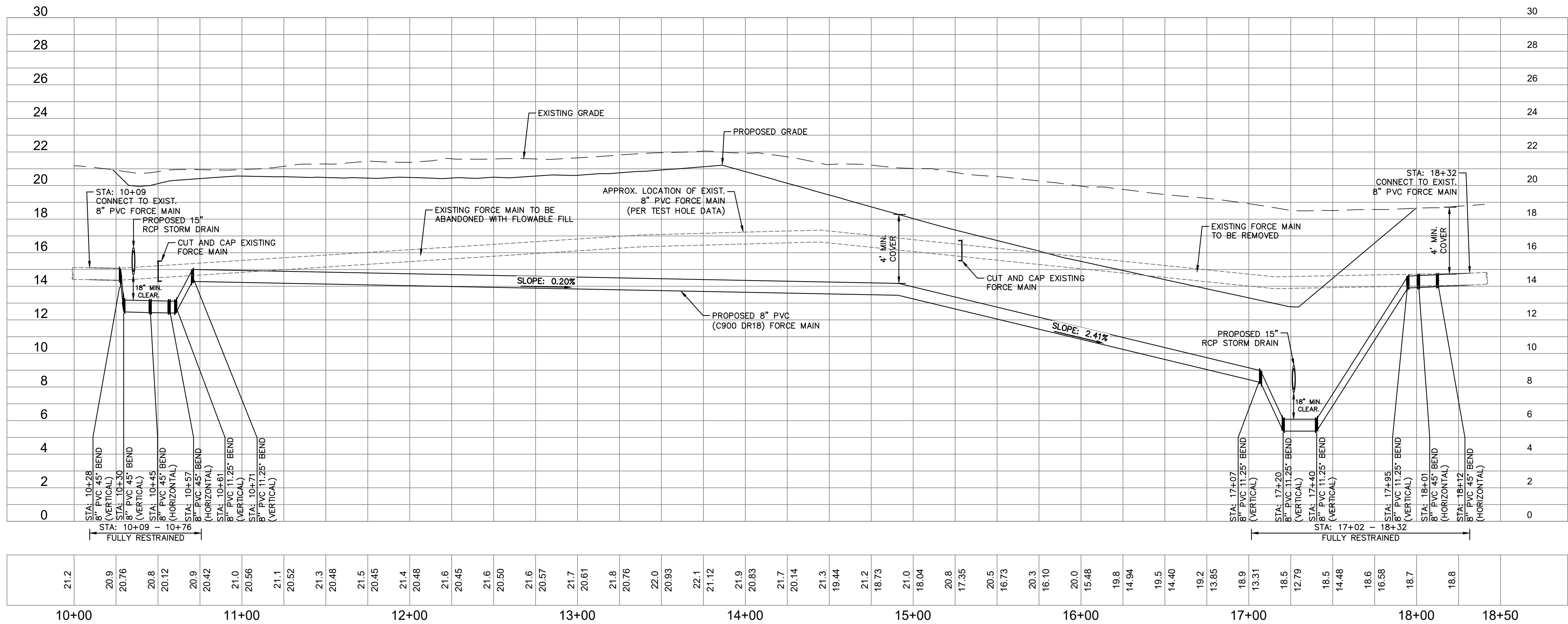
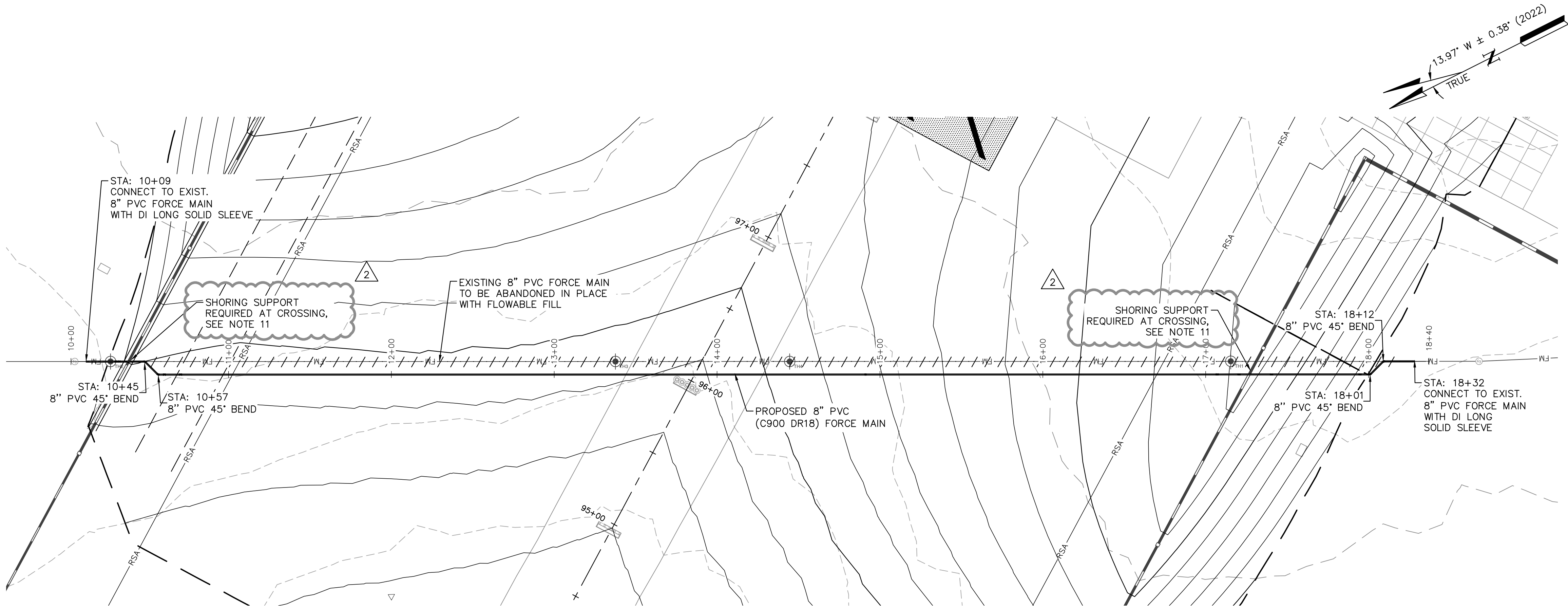
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NEW SHEET ADDED TO PLAN SET
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LEGEND

- ① [Pattern] DESCRIPTION
- ② [Pattern] DESCRIPTION
- ③ ——— PROP. FORCE MAIN
- ④ - - - - ABANDON EXIST. FORCE MAIN

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ELEVATIONS OF CONNECTION POINTS AND EXISTING UTILITIES THAT WILL BE CROSSED PRIOR TO BEGINNING PROPOSED FORCE MAIN INSTALLATION AND NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN PLAN INFORMATION AND FIELD CONDITIONS.
2. CONTRACTOR SHALL COORDINATE ALL SHUTDOWNS OF THE EXISTING FORCE MAIN WITH THE OWNER. ALL EXISTING VALVES WILL BE OPERATED BY THE OWNER.
3. DURING FORCE MAIN SHUTDOWN THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING THE EXISTING FORCE MAIN AND FLOW CONTROL AT EXISTING PUMP STATIONS.
4. PORTIONS OF THE WORK INCLUDED AS PART OF THIS CONTRACT SHALL BE PERFORMED IN ACCORDANCE WITH QUONSET DEVELOPMENT CORPORATION DESIGN AND CONSTRUCTION STANDARDS, LATEST VERSIONS AVAILABLE AT THE TIME OF BID.
5. PVC FORCE MAIN PIPING SHALL BE INSTALLED IN ACCORDANCE WITH AWWA C605 AND M23, LATEST EDITION.
6. PVC FORCE MAIN PIPING SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH AWWA C605. FORCE MAIN PIPING SHALL BE HYDROSTATICALLY TESTED PRIOR TO MAKING CONNECTIONS TO EXISTING PIPING. TEST PRESSURE SHALL BE 150 PSI.
7. CONNECTIONS TO EXISTING PIPING SHALL BE MADE USING DUCTILE IRON LONG SOLID MECHANICAL JOINT SLEEVES WITH JOINT RESTRAINTS.
8. TRACER WIRE SHALL BE INSTALLED ALONG ALL PVC PIPE INSTALLATIONS. TRACER WIRE SHALL BE ATTACHED TO THE TOP OF THE PIPE WITH PLASTIC STRAPPING AT A MINIMUM SPACING OF 10 FEET.
9. UTILITY MARKING SHALL BE PLACED ALONG ALL PVC PIPE INSTALLATIONS.
10. REFER TO SHEET C9.2 FOR MEASUREMENT AND PAYMENT DESCRIPTIONS.
11. SHORING SUPPORT REQUIRED AT PROPOSED SANITARY SEWER AND STORM SEWER CROSSING. CONTRACTOR TO SUBMIT SHOP DRAWING OF PROPOSED SHORING SUPPORT FOR APPROVAL.



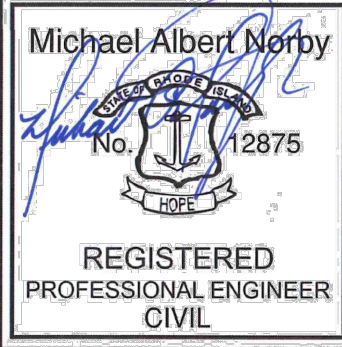
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RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	KHA
DRAWN BY	KHA
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PROJECT NO.	112214003
FILE NO.	SS-112214003
AIP NO. 0-0-00-0000-000-0000	
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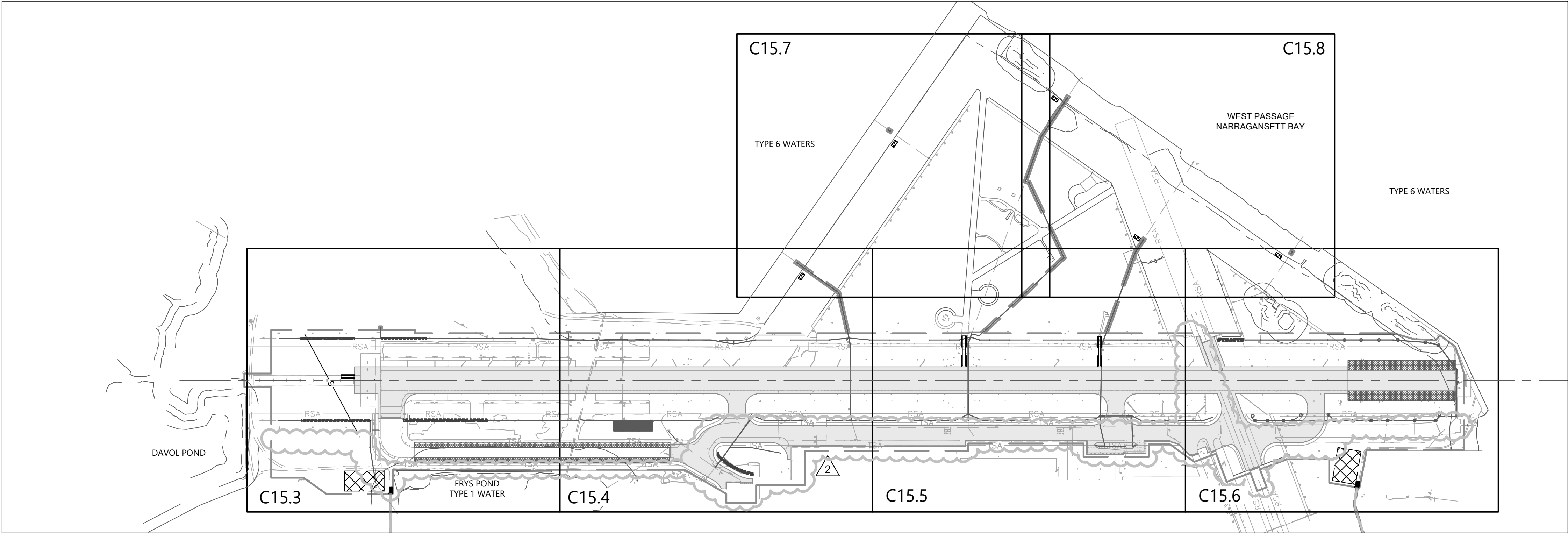
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PLAN

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STA. XXX+XX

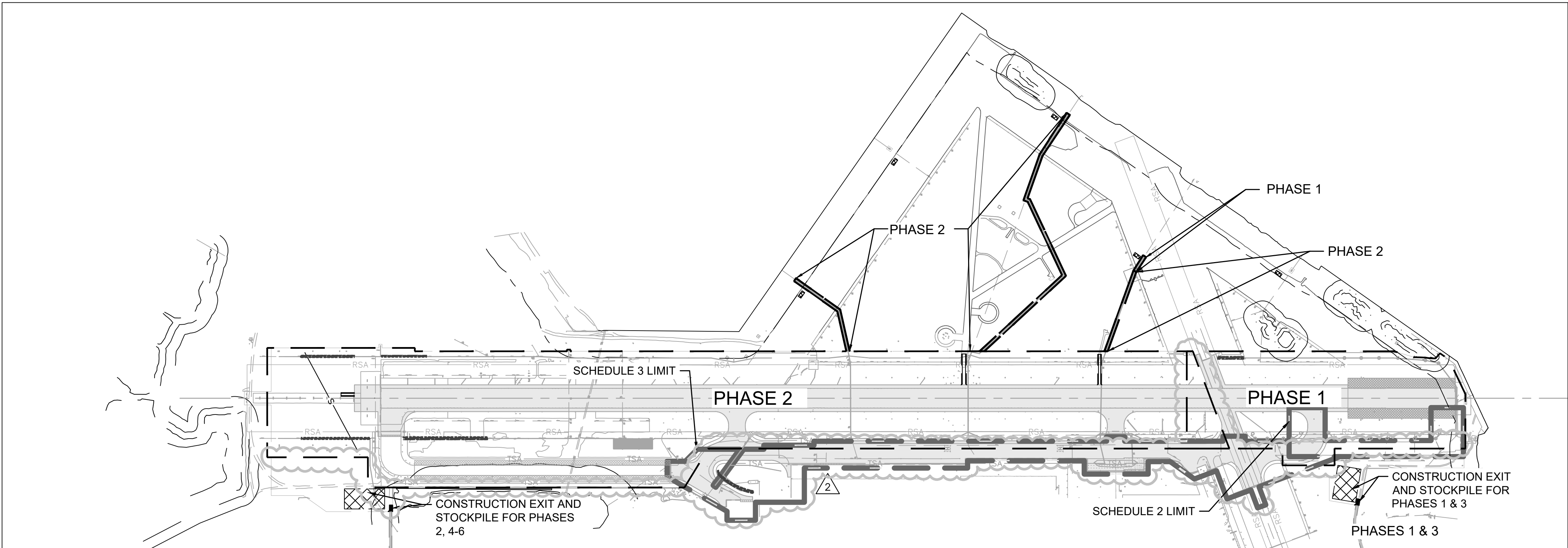
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KEY



PROJECT PHASING

ADDENDUM NO. 2
03/07/2023

1. REFER TO HORIZONTAL AND VERTICAL CONTROL PLAN, SHEET C1.14.
2. STATION AND OFFSET INFORMATION REFERENCES RUNWAY 16-34 CENTERLINE.
3. THE BASE INFORMATION SHOWN ON THESE PLANS IS BASED ON AVAILABLE RECORD PLANS.
4. THE PHASING LIMITS FOR SCHEDULE 3 ARE SHOWN HEREIN. HOWEVER, SCHEDULE 3 IS NOT PART OF THIS CONTRACT. REFER TO PHASING FOR SCHEDULES 1 AND 2 ON SHEETS C3.0 TO C3.8.

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RENEE L. COOPER
No. 6517
REGISTERED
PROFESSIONAL ENGINEER
03/07/2023

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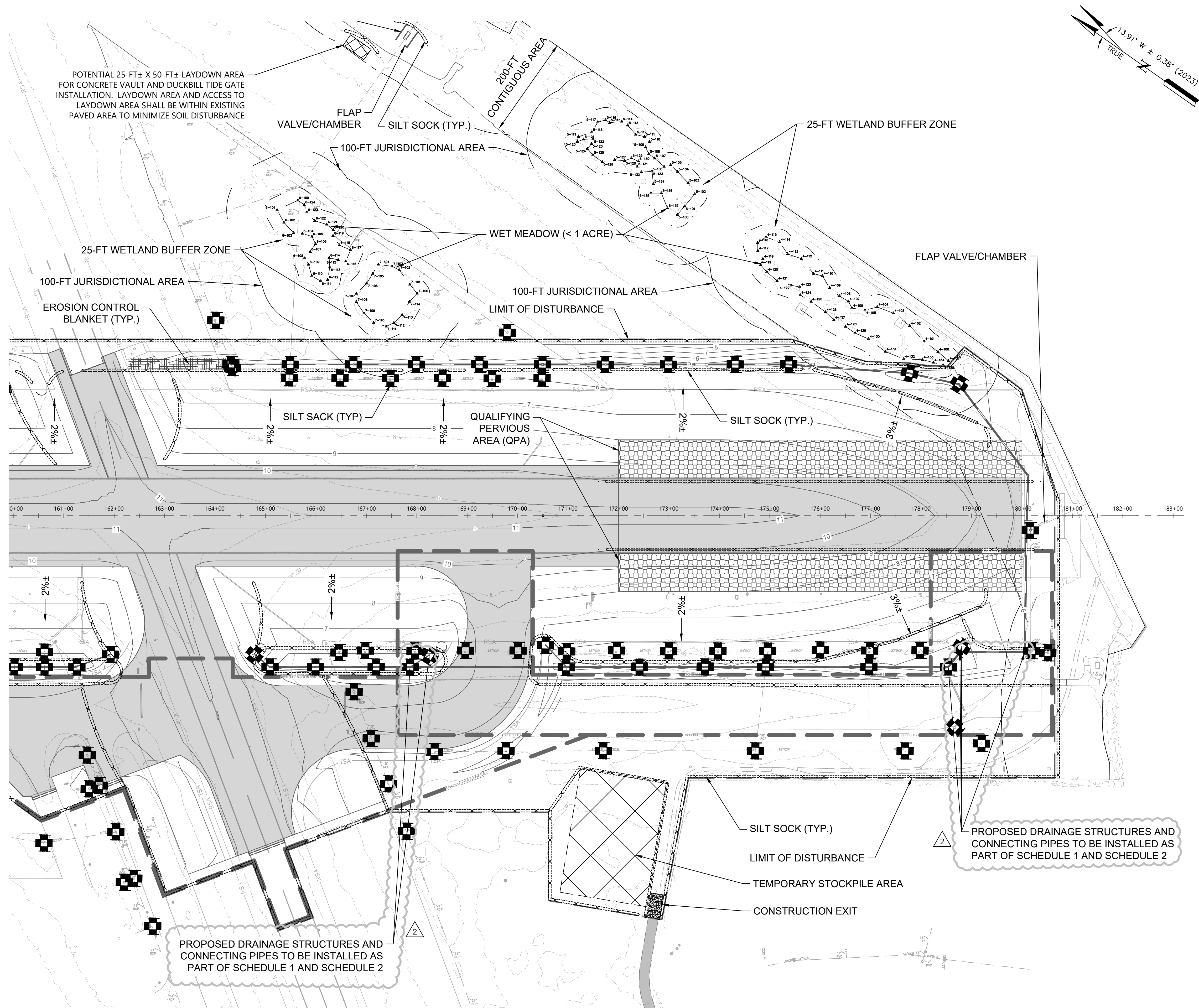
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CHECKED BY KMC
PROJECT NO. 112214003
FILE NO. EC-112214003
AIP NO. 0-00-0000-000-0000
SHEET TITLE

SOIL EROSION
AND SEDIMENT
CONTROL PLAN

SHEET NO.
C14.0
195 OF 297

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SCALE IN FEET





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03/07/2023

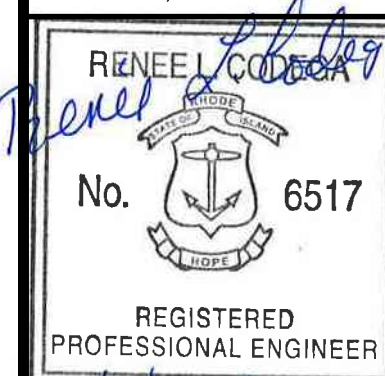
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









VANASSE HANGEN BRUSTLIN, INC.
1 CEDAR STREET
SUITE 400
PROVIDENCE, RI 02903



KD	MC	03/07/2023							
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LEGEND

- ①  FLAP VALVE/CHAMBER
 ②  QUALIFYING PERVIOUS AREA (QPA)
 ③  CATCH BASIN
 ④  DRAIN MANHOLE
 ⑤  DRAIN PIPE
 ⑥  SILT SOCK
 ⑦  SILT SACK
 ⑧  EROSION CONTROL BLANKET

GENERAL NOTES

1. REFER TO HORIZONTAL AND VERTICAL CONTROL PLAN, SHEET C1.11.
2. STATION AND OFFSET INFORMATION REFERENCES RUNWAY 16-34 CENTERLINE.
3. PROPOSED GRADING PROVIDED BY KIMLEY HORN IN CAD FILE oFG-112214003.dwg DATED 1/31/2023.

TEMPORARY SEDIMENT TRAPS

1. TEMPORARY SEDIMENT TRAPS SHALL BE CONSTRUCTED OF SILT SOCK BERMS INTENTIONALLY PLACED TO ACHIEVE THE REQUIRED STORAGE VOLUME OF 134 CY PER CONTRIBUTING ACRE, AS DESCRIBED IN THE RHODE ISLAND EROSION AND SEDIMENT CONTROL HANDBOOK.
2. 50% WET STORAGE SHALL BE PROVIDED BY PLACING SUPPLEMENTAL MATERIAL OVER THE BOTTOM HALF OF THE SILT SOCK, AS SEEN ON THE SILT SOCK DETAIL.
3. THE TABLE BELOW SHOWS THE MAXIMUM DRAINAGE FLOW PATH DISTANCE THAT CAN BE DIRECTED TO A 12" SILT SOCK IN ORDER TO ACHIEVE THE REQUIRED STORAGE VOLUME, BASED ON THE SLOPE OF THE CONTRIBUTING DRAINAGE AREA. THE CONTRACTOR MAY CONSULT THE TABLE BELOW SHOULD SITE CONDITIONS CHANGE FROM WHAT IS SHOWN ON THIS PLAN.

Temporary Sediment Trap Calculations

Slope	Max. Flow Path
1%	600 FT
2%	300 FT
3%	200 FT
4%	150 FT
5%	120 FT
6%	100 FT
7%	85 FT
8%	75 FT
9%	65 FT
10%	60 FT

NOTE:
THE LIMITS FOR SCHEDULE 3 ARE SHOWN HEREIN.
HOWEVER, SCHEDULE 3 IS NOT PART OF THIS CONTRACT.
REFER TO SCHEDULE 1 AND 2 PLANS AS DIRECTED.

QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	EMC
DRAWN BY	EMC
CHECKED BY	KMC
PROJECT NO.	112214003
FILE NO.	EC-112214003
AIP NO.	0-00-0000-000-0000
SHEET TITLE	

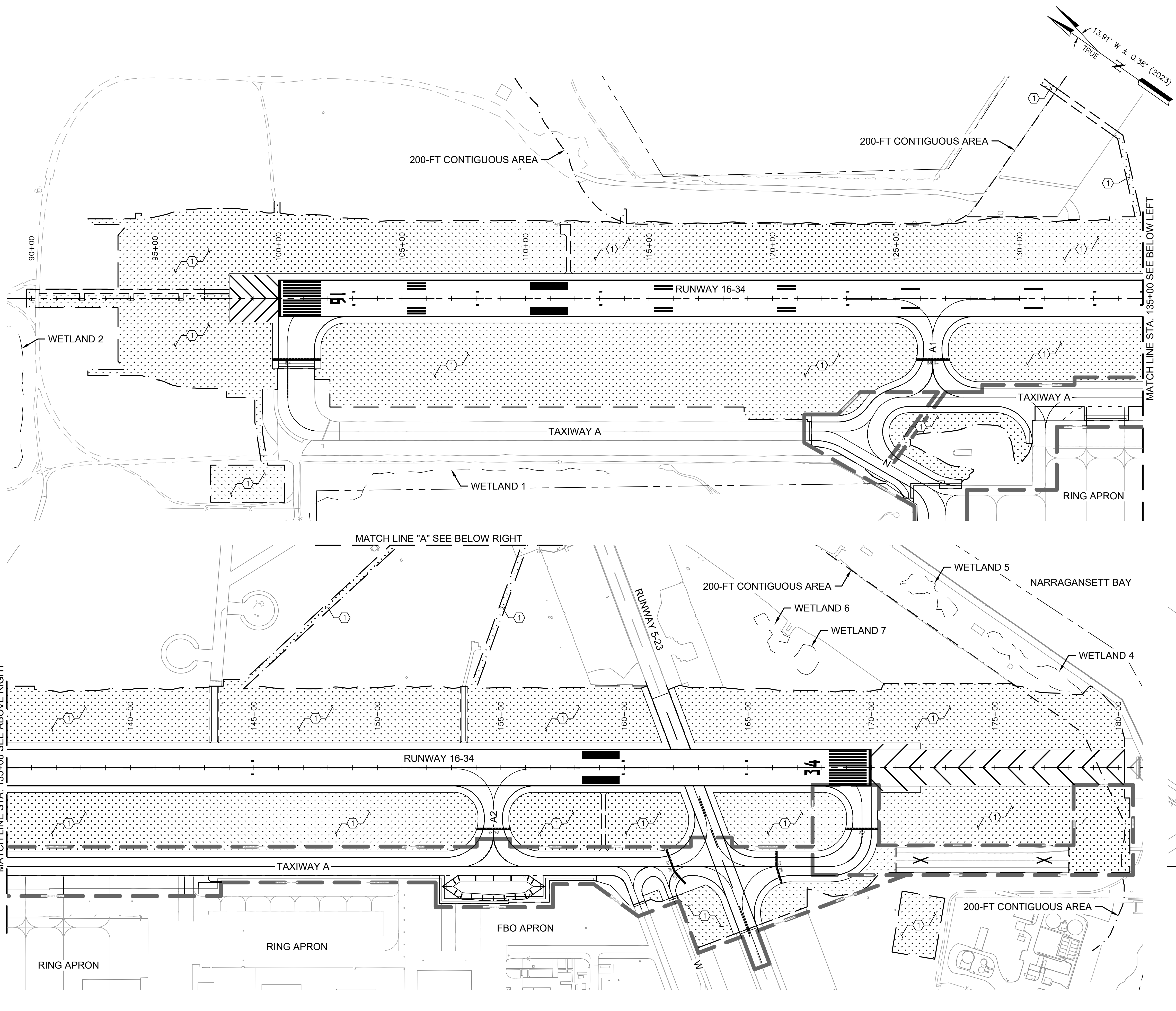
SOIL EROSION AND SEDIMENT CONTROL PLAN

SHEET NO.

201 OF 297



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ADDENDUM NO. 2

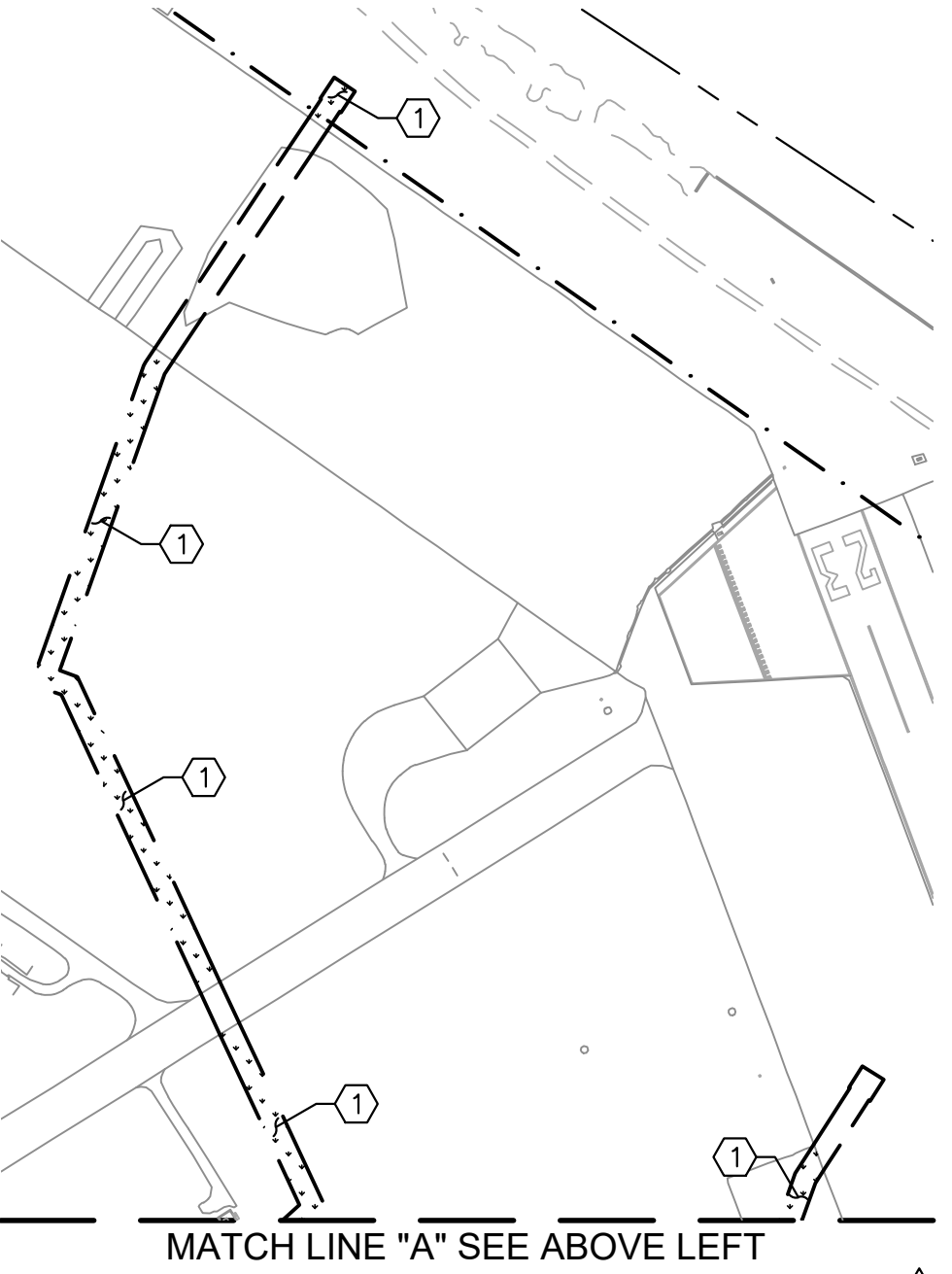
03/07/2023

LEGEND

- ① PERMANENT SEEDING (T-901) AND HYDROMULCH (T-905)

GENERAL NOTES

- REFER TO DEMOLITION PLANS (SERIES C4) FOR LIMITS OF DISTURBANCE.
- REFER TO SOIL EROSION AND SEDIMENT CONTROL PLANS (SERIES C14) FOR ADDITIONAL PROTECTION MEASURES FOR ALL EXISTING AND PROPOSED DRAINAGE FACILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING BEST MANAGEMENT PRACTICES DURING CONSTRUCTION.
- MEASURES SHOWN ON THESE PLANS MAY BE MODIFIED BY THE ENGINEER IN THE FIELD.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING WETLAND AREAS AND 200-FT CONTIGUOUS AREAS OUTSIDE THE CONSTRUCTION LIMITS.
- ALL DISTURBED AREAS SHALL BE RE-SEEDDED. ONCE PERMANENT SEEDING HAS BEEN ESTABLISHED, ALL TEMPORARY EROSION CONTROL PRACTICES SHALL BE REMOVED AND THOSE AREAS RESTORED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, THE STORMWATER MANAGEMENT PLAN (SWMP), NOTICE OF INTENT (NOI), AND THE SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN (SPCC).



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PHONE: (401) 691-2000

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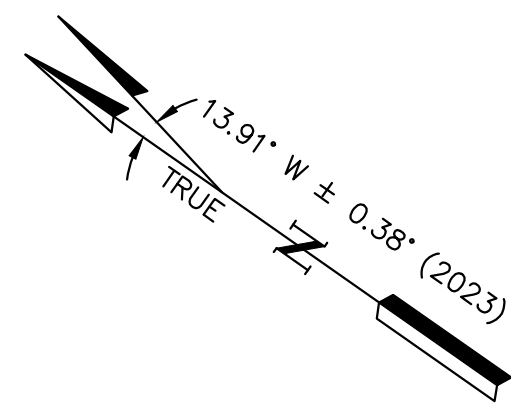
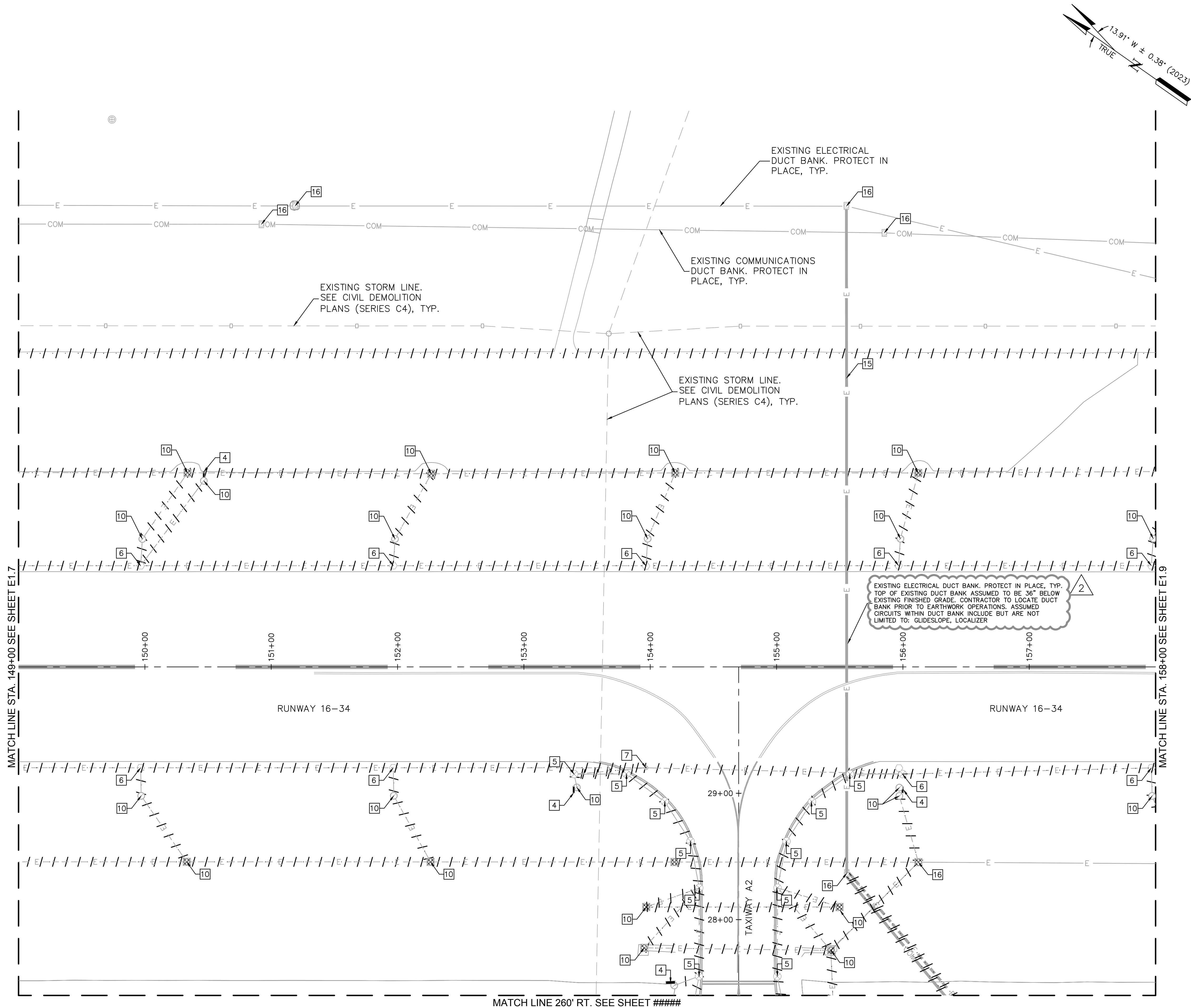
Michael Albert Norby
No. 12875
REGISTERED PROFESSIONAL ENGINEER
CIVIL
03/07/2023

REV	BY	DESCRIPTION	DATE	OK'D
2	MPB	ADDENDUM NO. 2	03/07/23	MAN

QUONSET STATE AIRPORT RHODE ISLAND AIRPORT CORPORATION NORTH KINGSTOWN, RHODE ISLAND RUNWAY 16-34 RECONSTRUCTION

DATE	03/07/2023
DESIGNED BY	MPB
DRAWN BY	MPB
CHECKED BY	MAN
PROJECT NO.	112214003
FILE NO.	EC01-112214003
AIP NO.	0-00-0000-000-0000
SHEET TITLE	SOIL EROSION AND SEDIMENT CONTROL PLAN ALL BID SCHEDULES FINAL
SHEET NO.	C14.9

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02/09/2023

LEGEND

- EXISTING TAXIWAY ELEVATED EDGE LIGHT
- EXISTING RUNWAY ELEVATED EDGE LIGHT
- PAPI FIXTURE
- EXISTING ELECTRICAL MANHOLE/PULLBOX
- EXISTING COMMUNICATION PULLBOX
- EXISTING JUNCTION CAN
- EXISTING AIRFIELD SIGN
- EXISTING NIGHT NAVIGATION MARKER
- EXISTING CABLE/CONDUIT/DUCT
- REMOVE EXISTING DUCT/CONDUIT AND CABLE
- EXISTING FAA FIBER/COMM
- EXISTING FAA PRIMARY POWER
- EXISTING COMMUNICATIONS

GENERAL NOTES

- REFER TO PROJECT LAYOUT PLANS, SHEETS C1.9 THROUGH C1.12.

DEMOLITION NOTES

- PROTECT IN PLACE EXISTING LIGHT FIXTURE TO REMAIN.
- DEMO EXISTING PAPI SYSTEM AND ASSOCIATED POWER/CONTROL EQUIPMENT, AND CONCRETE FOUNDATIONS.
- DEMO EXISTING SUPPLEMENTAL WIND CONE AND ASSOCIATED CONCRETE FOUNDATIONS.
- REMOVE AIRFIELD GUIDANCE SIGN AND CONCRETE FOUNDATION.
- DEMO EXISTING TAXIWAY EDGE FIXTURE, XFMR, AND LIGHT BASE.
- DEMO EXISTING RUNWAY EDGE FIXTURE, XFMR, AND LIGHT BASE.
- DEMO EXISTING IN-PAVEMENT RUNWAY EDGE FIXTURE, XFMR, AND LIGHT BASE.
- DEMO EXISTING RUNWAY THRESHOLD FIXTURE, XFMR, AND LIGHT BASE.
- DEMO EXISTING MALSR FIXTURE, XFMR, AND LIGHT BASE INCLUDING CONCRETE FOUNDATION.
- REMOVE EXISTING JUNCTION CAN/HANDHOLE/ MANHOLE.
- NOT USED
- REMOVE NIGHT NAVIGATION MARKER. SALVAGE TO OWNER.
- DEMO EXISTING CABLE MARKER
- DEMO EXISTING MALSR FIXTURE, XFMR, LIGHT BASE AND CONCRETE FOUNDATION INCLUDING EXISTING CONDUIT AND CABLING.
- PROTECT IN PLACE EXISTING CONDUIT.
- PROTECT IN PLACE EXISTING JUNCTION CAN/HANDHOLE/ MANHOLE.
- DEMO EXISTING RUNWAY/TAXIWAY EDGE FIXTURE AND XFMR. INSTALL BLANK STEEL COVER ON EXISTING BASE CAN.
- SALVAGE EXISTING RUNWAY EDGE FIXTURE AND XFMR. STORE FOR REINSTALLATION. PROTECT IN PLACE LIGHT BASE.
- PROTECT IN PLACE EXISTING LOCALIZER ANTENNA AND ASSOCIATED ABOVE GROUND CONDUIT.
- REMOVE EXISTING CEILOMETER. SEE DETAIL A THIS SHEET.



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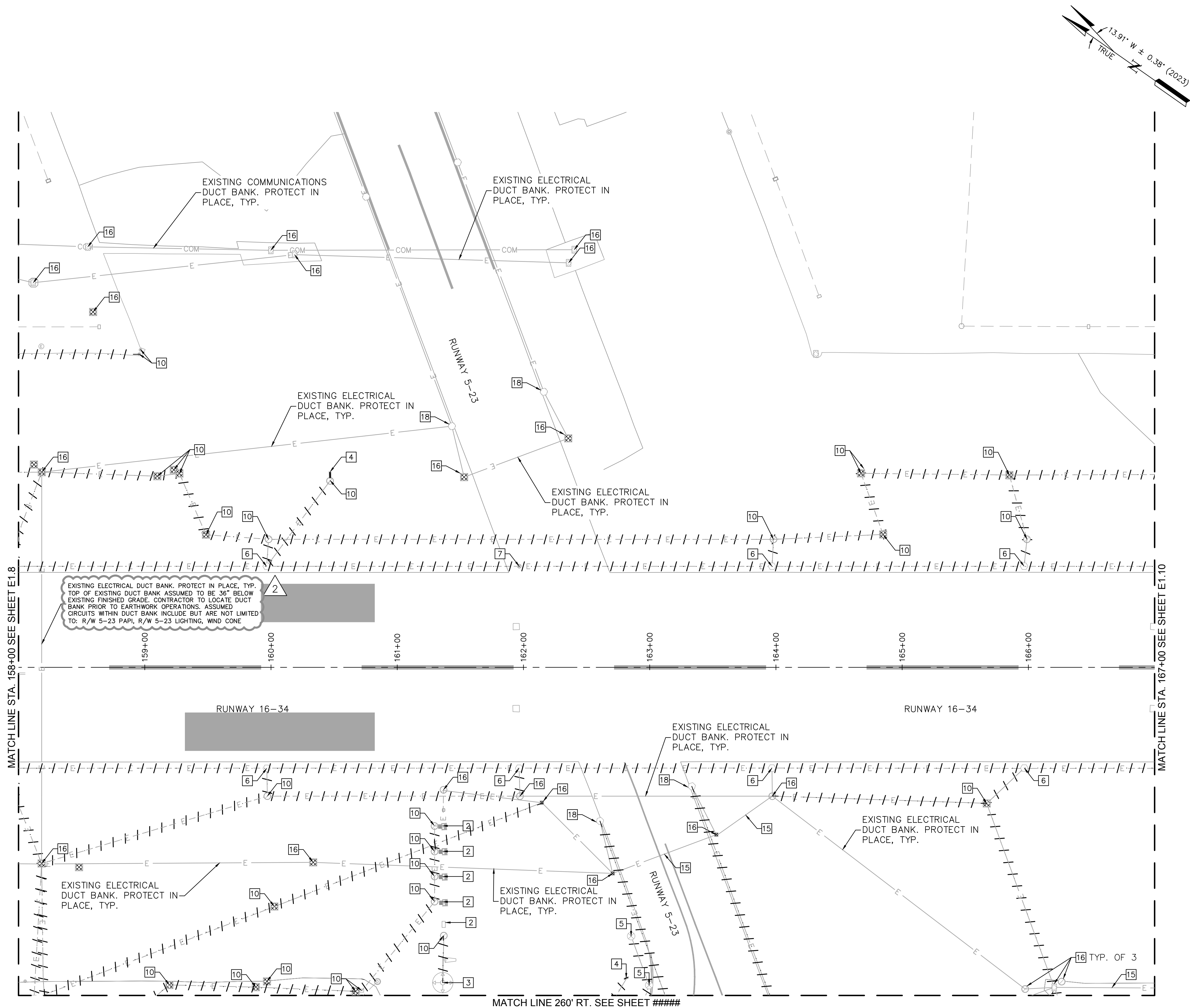
JOSEPH BRADSHAW
No. 14552
REGISTERED
PROFESSIONAL ENGINEER
ELECTRICAL
02/09/2023

OKO	DATE	DESCRIPTION	BY	REV
JDB	03/07/23	ADDENDUM NO. 2	JPT	2

QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE 02/09/2023
DESIGNED BY JDB
DRAWN BY JPT
CHECKED BY JDB
PROJECT NO. 112214003
FILE NO. ED01-112214003
AIP NO. 0-00-0000-000-0000
SHEET TITLE
ELECTRICAL
DEMOLITION PLAN
RUNWAY 16-34
BID SCHEDULE 3
STA. 149+00 TO
STA. 158+00

SHEET NO.
E1.8
202 OF 286



ISSUED FOR BID
02/09/2023

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CEDAR STREET
SUITE 400
PROVIDENCE, RI 02903

JOSEPH BRADSHAW

o 14552
Joseph Bradshaw
REGISTERED
PROFESSIONAL ENGINEER
ELECTRICAL

09/2023

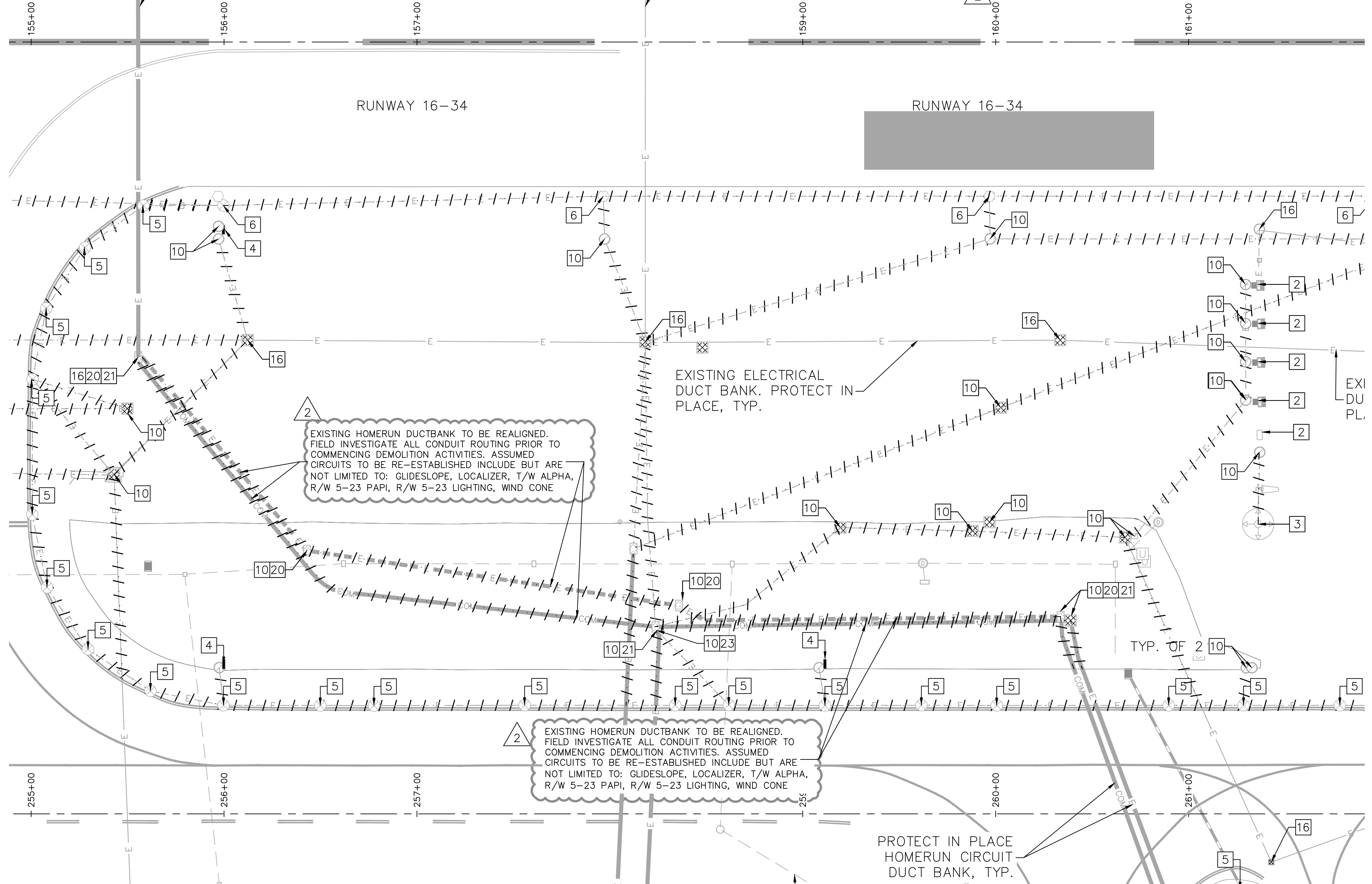
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QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	02/09/2023
DESIGNED BY	JDB
DRAWN BY	JPT
CHECKED BY	JDB
PROJECT NO.	112214003
FILE NO.	ED01-112214003
IP NO.	0-00-0000-000-0000

**ELECTRICAL
DEMOLITION
PLANS**
RUNWAY 16-34
BID SCHEDULE 3
STA. 158+00 TO
STA. 167+00
SHEET NO.

203 OF 286



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





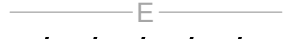


JOSEPH BRADSHAW

No. 14552
Joseph E. Bradshaw
REGISTERED
PROFESSIONAL ENGINEER
ELECTRICAL

02/09/2023

REV	BY	DESCRIPTION	DATE	CKD
2	JPT	ADDENDUM NO. 2	03/07/23	JOB

LEGEND

- | | |
|---|---|
|  | EXISTING TAXIWAY ELEVATED EDGE LIGHT |
|  | EXISTING RUNWAY ELEVATED EDGE LIGHT |
|  | PAPI FIXTURE |
|  | EXISTING ELECTRICAL MANHOLE/PULLBOX |
|  | EXISTING COMMUNICATION PULLBOX |
|  | EXISTING JUNCTION CAN |
|  | EXISTING AIRFIELD SIGN |
|  | EXISTING NIGHT NAVIGATION MARKER |
|  | EXISTING CABLE/CONDUIT/DUCT
REMOVE EXISTING DUCT/CONDUIT AND CABLE |
|  | C-FAA FIBER/COMM |
|  | E-FAA PRIMARY POWER |
| | COM COMMUNICATIONS |

GENERAL NOTES

1. REFER TO PROJECT LAYOUT PLANS, SHEETS C1.9 THROUGH C1.12.
2. WORK SHOWN ON THIS SHEET IS INTENDED TO HIGHLIGHT DEMOLITION WORK IN THE AREA OF THE HOMERUN DUCTBANK REALIGNMENT.

DEMOLITION NOTES

- 2 DEMO EXISTING PAPI SYSTEM AND ASSOCIATED POWER/CONTROL EQUIPMENT, AND CONCRETE FOUNDATIONS.
- 3 DEMO EXISTING SUPPLEMENTAL WIND CONE AND ASSOCIATED CONCRETE FOUNDATIONS.
- 10 REMOVE EXISTING JUNCTION CAN/HANDHOLE/ MANHOLE.
- 16 PROTECT IN PLACE EXISTING JUNCTION CAN/HANDHOLE/MANHOLE.
- 20 CONTRACTOR TO FIELD INVESTIGATE TO IDENTIFY AND TRACE ALL AIRFIELD POWER CIRCUITS (INCLUDING BUT NOT LIMITED TO R/W 5-23 LIGHTING, T/W A LIGHTING, GLIDESLOPE, WIND CONES, LOCALIZER, R/W 5-23 PAPI, AND R/W 16-34 LIGHTING) ENTERING AND LEAVING EXISTING HOMERUN HANDHOLE PRIOR TO REMOVAL OF HANDHOLE. CONTRACTOR TO DETERMINE IF PROPOSED REALIGNMENT OF DUCTBANK AND SPLICING OF EXISTING CABLING WILL ENABLE A COMPLETE AND WORKING SYSTEM FOR ALL CIRCUITS EFFECTED BY THE DUCTBANK REALIGNMENT. ANY POINTS OF CONNECTION FOR THESE CIRCUITS WITH CONDUITS NOT INDICATED IN THE PROPOSED DRAWINGS SHALL BE PROVIDED TO THE AIRPORT AND THE DESIGN ENGINEER SO ADDITIONAL CONDUITS AND POINTS OF CONNECTION CAN BE REESTABLISHED PRIOR TO COMMENCING DEMOLITION ACTIVITIES.
- 21 CONTRACTOR TO FIELD INVESTIGATE TO IDENTIFY AND TRACE ALL COMMUNICATIONS CABLING ENTERING AND LEAVING EXISTING HOMERUN HANDHOLE PRIOR TO REMOVAL OF HANDHOLE. CONTRACTOR TO DETERMINE IF PROPOSED REALIGNMENT OF DUCTBANK AND SPLICING OF EXISTING CABLING WILL ENABLE A COMPLETE AND WORKING SYSTEM FOR ALL SYSTEMS EFFECTED BY THE DUCTBANK REALIGNMENT. ANY POINTS OF CONNECTION FOR THESE SYSTEMS WITH CONDUITS NOT INDICATED IN THE PROPOSED DRAWINGS SHALL BE PROVIDED TO THE AIRPORT AND THE DESIGN ENGINEER SO ADDITIONAL CONDUITS AND POINTS OF CONNECTION CAN BE REESTABLISHED PRIOR TO COMMENCING DEMOLITION ACTIVITIES.

QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	02/09/2023
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DESIGNED BY	JDB
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DRAWN BY	JPT
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CHECKED BY	JDB
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PROJECT NO. 112214003

FILE NO. ED01-112214003

AIP NO. 0-00-0000-000-0000

SHEET TITLE

ELECTRICAL

DEMOLITION PLAN

HOMERUN DUCTBANK
REALIGNMENTREALIGNMENT
SCHEDULE 1 & 2

QUEST NO.

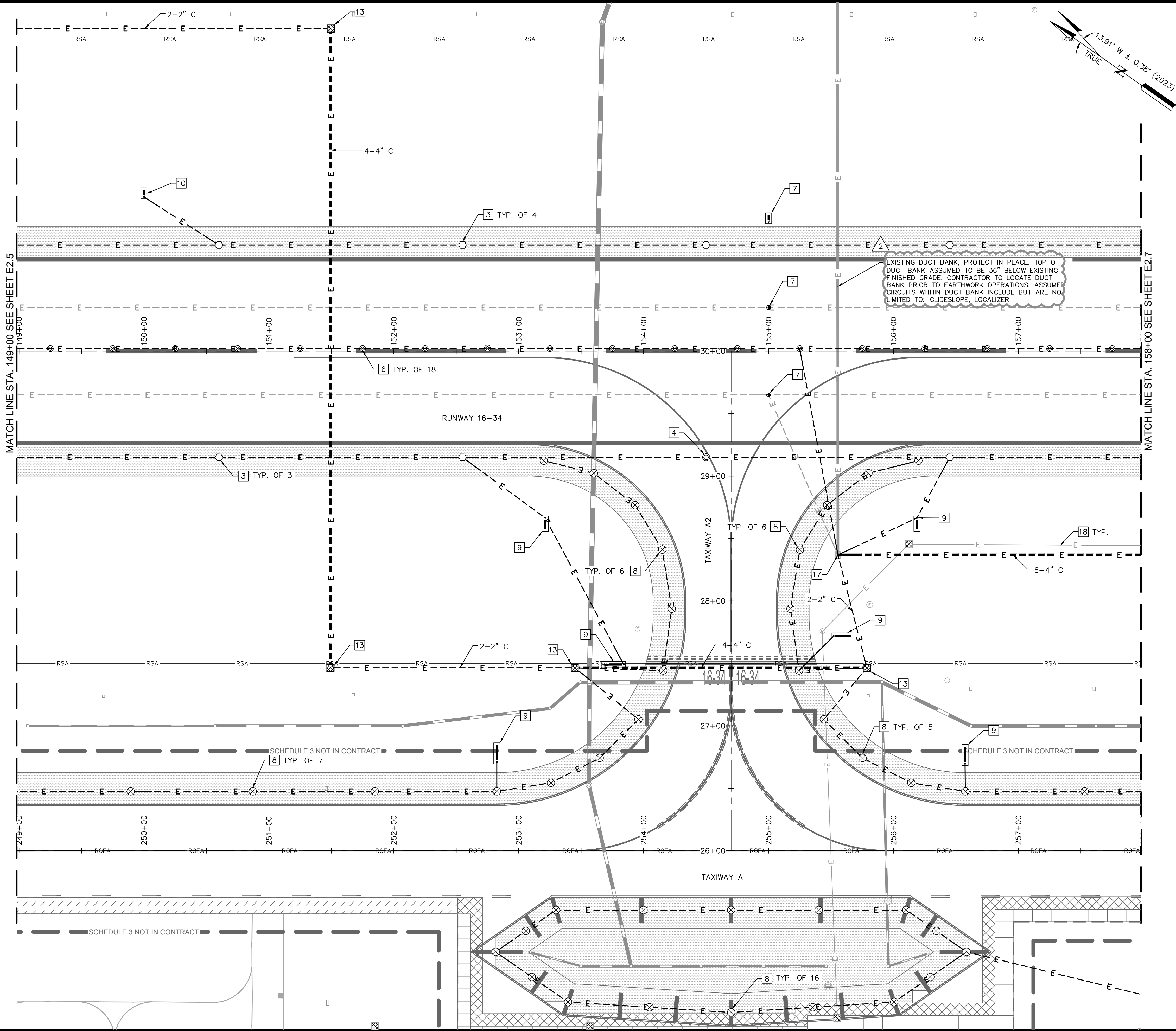
SHEET NO. **E1.20**

E1.20



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02/09/2023

GENERAL NOTES

1. REFER TO PROJECT LAYOUT PLANS, SHEETS C1.9 THROUGH C1.12.
2. ALL PROPOSED CONDUIT IN THE PLANS ASSUMED TO BE 1-2" SCH. 40 PVC UNLESS OTHERWISE NOTED. ALL CONDUITS PASSING UNDER FULL STRENGTH PAVEMENT TO BE CONCRETE ENCASED.
3. THE LIMITS OF SCHEDULE 3 ARE SHOWN HEREIN, HOWEVER, SCHEDULE 3 IS NOT PART OF THIS CONTRACT. REFER TO SCHEDULE 1 AND SCHEDULE 2 PLANS AS DIRECTED.

CONSTRUCTION NOTES

1. INSTALL NEW 5-LIGHT FRANGIBLE BAR FOR NEW FAA MALSR INCLUDING LIGHT FIXTURES, ISOLATION TRANSFORMERS, JUNCTION CANS, AND CONCRETE BASE. SEE E7 MALSR PLAN SERIES.
2. INSTALL NEW MALSR LIGHT FIXTURES WITH ISOLATION TRANSFORMERS ON NEW L-867 BASE CANS FOR FAA MALSR THRESHOLD BAR. SEE E7 MALSR PLAN SERIES.
3. INSTALL NEW L-862(L) LED ELEVATED RUNWAY EDGE LIGHT AND CABLING ON NEW L-867 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 1 SHEET E5.5.
4. INSTALL NEW L-850C(L) LED IN-PAVEMENT RUNWAY EDGE LIGHT AND CABLING ON NEW L-868 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 2 SHEET E5.5.
5. INSTALL NEW L-862E(L) LED ELEVATED RUNWAY END LIGHT AND CABLING ON NEW L-867 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 1 SHEET E5.5.
6. INSTALL NEW L-850A(L) LED BIDIRECTIONAL RUNWAY CENTERLINE LIGHT AND CABLING ON NEW L-868 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 2 SHEET E5.5.
7. LANDING ZONE LIGHT FIXTURE/SIGN. SEE E4 SERIES FOR DETAIL.
8. INSTALL NEW L-861T(L) LED ELEVATED TAXIWAY EDGE LIGHT AND CABLING ON NEW L-867 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 1 SHEET E5.5.
9. INSTALL NEW L-858 LED AIRFIELD GUIDANCE SIGN ON NEW CONCRETE FOUNDATION. SEE DETAIL 1 SHEET E5.4.
10. INSTALL NEW L-858 LED RUNWAY DISTANCE REMAINING SIGN ON NEW CONCRETE FOUNDATION. SEE DETAIL 1 SHEET E5.6.
11. INSTALL NEW L-880 4-BOX LED PAPI ON NEW CONCRETE FOUNDATION. SEE DETAILS SHEETS E5.9 AND E5.10.
12. INSTALL NEW L-807 SUPPLEMENTAL WIND CONE. SEE DETAIL 2 SHEET E5.6.
13. INSTALL NEW AIRCRAFT LOAD RATED CONCRETE HANDHOLE. SEE DETAIL 1 SHEET E5.2.
14. INSTALL SALVAGED RUNWAY 5-23 EDGE LIGHT FIXTURE AND CABLING WITH SALVAGED ISOLATION TRANSFORMER ON EXISTING BASE CAN.
15. INSTALL BLANK STEEL COVER ON EXISTING BASE CAN.
16. INSTALL NEW L-861T QUARTZ ELEVATED TAXIWAY EDGE LIGHT AND CABLING ON NEW L-867 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 1 SHEET E5.5.
17. EXISTING MANHOLE/HANDHOLE/JUNCTION CAN. PROTECT IN PLACE.
18. EXISTING ELECTRICAL CONDUIT/DUCT BANK. PROTECT IN PLACE.
19. INSTALL NEW L-867B BASE CAN WITH BLANK STEEL COVER.
20. SAWCUT EXISTING ASPHALT SHOULDER FOR NEW 1-2" SCH. 40 PVC DIRECT BURIED CONDUIT TRENCH. FILL TO SURFACE WITH CLSM.

40 0 40 80
SCALE IN FEET



QUONSET STATE AIRPORT
150 AIRPORT STREET
NORTH KINGSTOWN, RI 02852
PHONE: (401) 691-2000

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WALTHAM, MA 02451
PHONE: (781) 328-0676

vhb
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PROVIDENCE, RI 02903

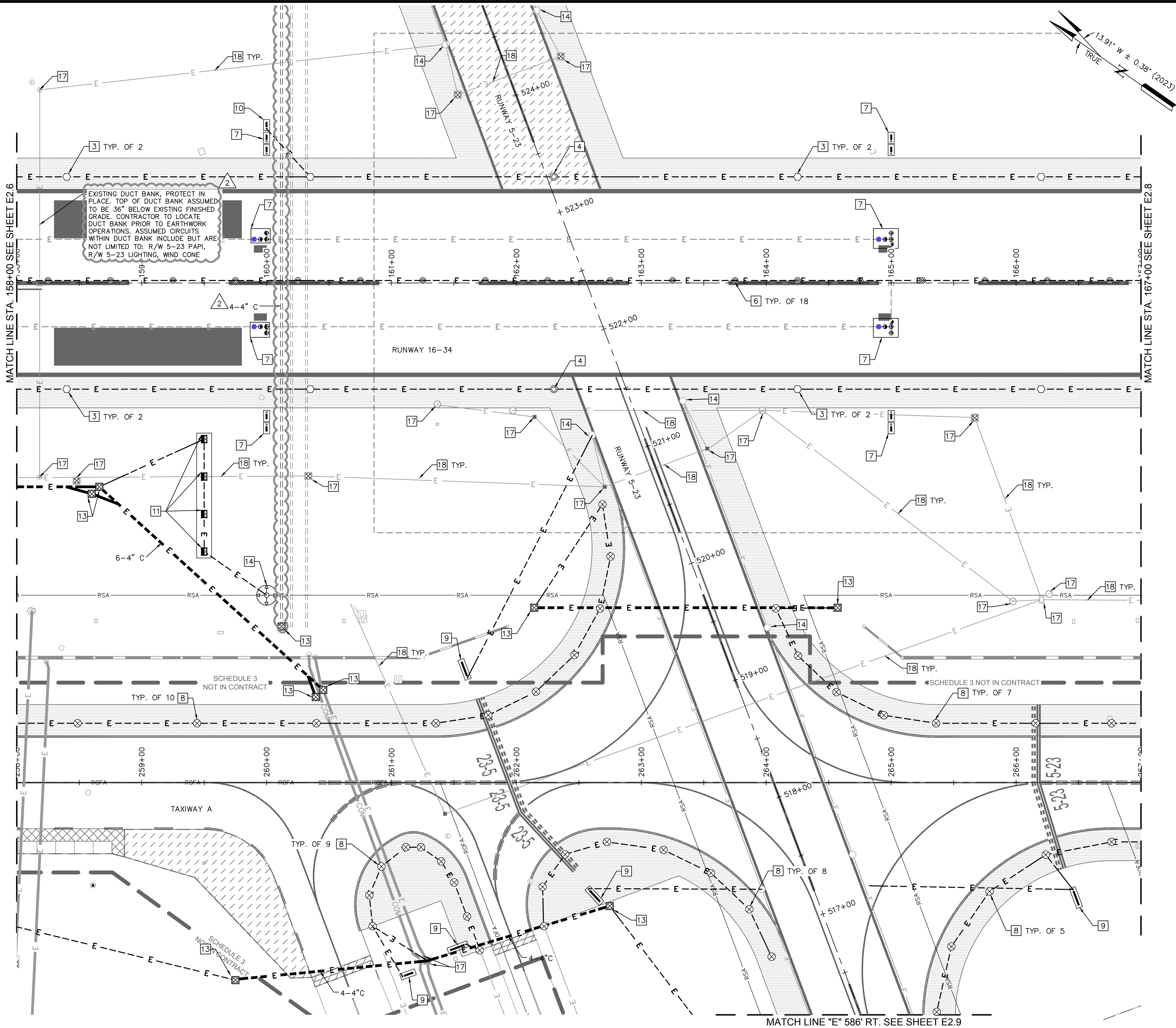
JOSEPH BRADSHAW
No. 14552
REGISTERED
PROFESSIONAL ENGINEER
ELECTRICAL
02/09/2023

REV	BY	DATE	DESCRIPTION
2	JPT	03/07/23	ADDENDUM NO. 2

QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE	02/09/2023
DESIGNED BY	JDB
DRAWN BY	JPT
CHECKED BY	JDB
PROJECT NO.	112214003
FILE NO.	EL01-112214003
AIP NO.	0-00-0000-000-0000
SHEET TITLE	LIGHTING AND SIGNAGE PLAN
BID SCHEDULE 3	STA. 149+00 TO STA. 158+00
SHEET NO.	E2.6
221	OF 286

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ISSUED FOR BID
02/09/2023

GENERAL NOTES

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2. ALL PROPOSED CONDUIT IN THE PLANS ASSUMED TO BE 1-2" SCH. 40 PVC UNLESS OTHERWISE NOTED. ALL CONDUITS PASSING UNDER FULL STRENGTH PAVEMENT TO BE CONCRETE ENCASED.
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CONSTRUCTION NOTES

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2. INSTALL NEW MALSR LIGHT FIXTURES WITH ISOLATION TRANSFORMERS ON NEW L-867 BASE CANS FOR FAA MALSR THRESHOLD BAR. SEE E7 MALSR PLAN SERIES.
3. INSTALL NEW L-862(L) LED ELEVATED RUNWAY EDGE LIGHT AND CABLING ON NEW L-867 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 1 SHEET E5.5.
4. INSTALL NEW L-850C(L) LED IN-PAVEMENT RUNWAY EDGE LIGHT AND CABLING ON NEW L-868 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 2 SHEET E5.5.
5. INSTALL NEW L-862E(L) LED ELEVATED RUNWAY END LIGHT AND CABLING ON NEW L-867 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 1 SHEET E5.5.
6. INSTALL NEW L-850A(L) LED BIDIRECTIONAL RUNWAY CENTERLINE LIGHT AND CABLING ON NEW L-868 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 2 SHEET E5.5.
7. LANDING ZONE LIGHT FIXTURE/SIGN. SEE E4 SERIES FOR DETAIL.
8. INSTALL NEW L-861T(L) LED ELEVATED TAXIWAY EDGE LIGHT AND CABLING ON NEW L-867 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 1 SHEET E5.5.
9. INSTALL NEW L-858 LED AIRFIELD GUIDANCE SIGN ON NEW CONCRETE FOUNDATION. SEE DETAIL 1 SHEET E5.4.
10. INSTALL NEW L-858 LED RUNWAY DISTANCE REMAINING SIGN ON NEW CONCRETE FOUNDATION. SEE DETAIL 1 SHEET E5.6.
11. INSTALL NEW L-880 4-BOX LED PAPI ON NEW CONCRETE FOUNDATION. SEE DETAILS SHEETS E5.9 AND E5.10.
12. INSTALL NEW L-807 SUPPLEMENTAL WIND CONE. SEE DETAIL 2 SHEET E5.6.
13. INSTALL NEW AIRCRAFT LOAD RATED CONCRETE HANDHOLE. SEE DETAIL 1 SHEET E5.2.
14. INSTALL SALVAGED RUNWAY 5-23 EDGE LIGHT FIXTURE AND CABLING WITH SALVAGED ISOLATION TRANSFORMER ON EXISTING BASE CAN.
15. INSTALL BLANK STEEL COVER ON EXISTING BASE CAN.
16. INSTALL NEW L-861T QUARTZ ELEVATED TAXIWAY EDGE LIGHT AND CABLING ON NEW L-867 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 1 SHEET E5.5.
17. EXISTING MANHOLE/HANDHOLE/JUNCTION CAN. PROTECT IN PLACE.
18. EXISTING ELECTRICAL CONDUIT/DUCT BANK. PROTECT IN PLACE.
19. INSTALL NEW L-867B BASE CAN WITH BLANK STEEL COVER.
20. SAWCUT EXISTING ASPHALT SHOULDER FOR NEW 1-2" SCH. 40 PVC DIRECT BURIED CONDUIT TRENCH. FILL TO SURFACE WITH CLSM.

40 0 40 80
SCALE IN FEET



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NORTH KINGSTOWN, RI 02852
PHONE: (401) 691-2000

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SUITE 400
PROVIDENCE, RI 02903

JOSEPH BRADSHAW
No. 14552
REGISTERED
PROFESSIONAL ENGINEER
ELECTRICAL
02/09/2023

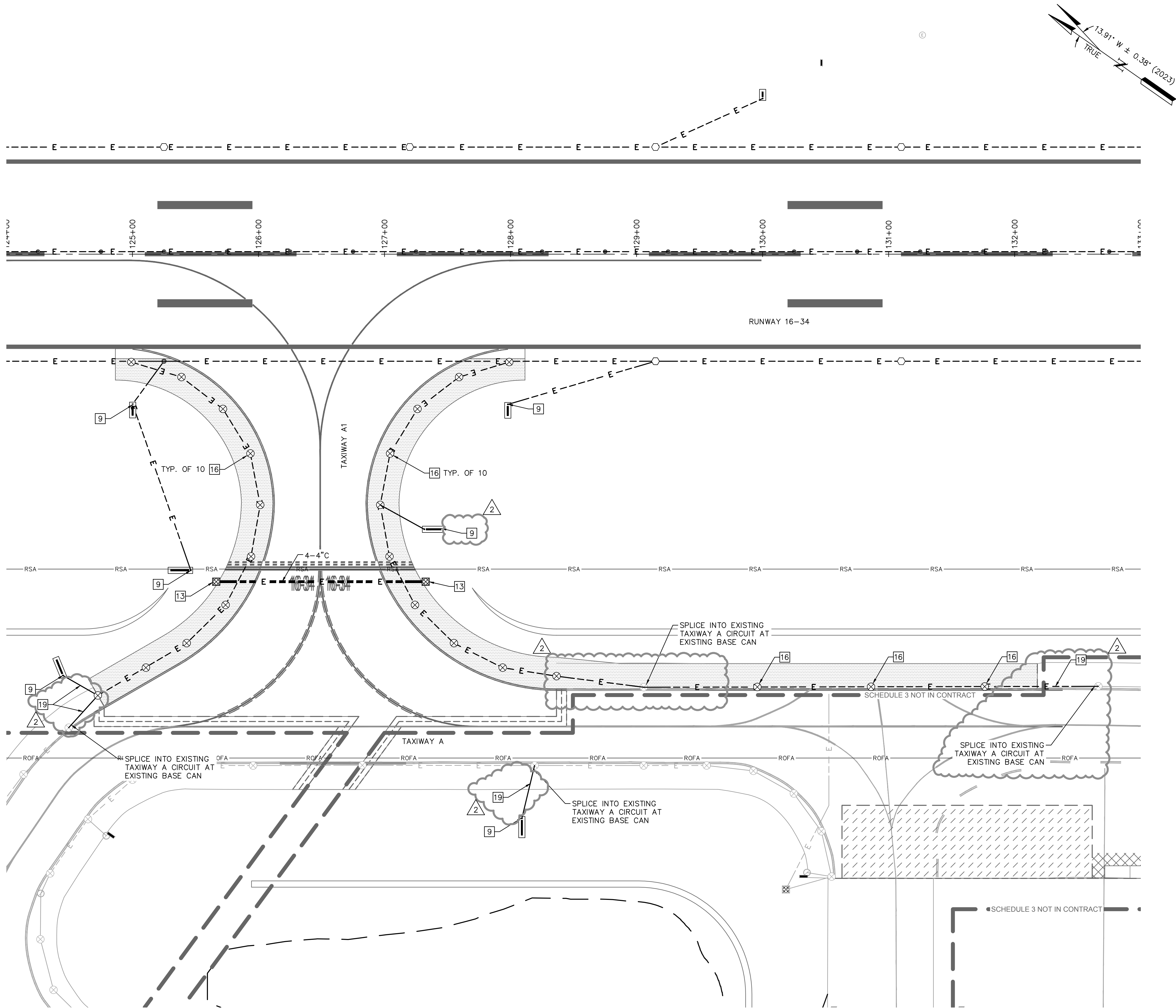
REV	BY	DATE	DESCRIPTION
2	JPT	03/07/23	ADDENDUM NO. 2

QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE 02/09/2023
DESIGNED BY JDB
DRAWN BY JPT
CHECKED BY JDB
PROJECT NO. 112214003
FILE NO. EL01-112214003
AIP NO. 0-00-0000-000-0000
SHEET TITLE
LIGHTING AND
SIGNAGE PLAN
BID SCHEDULE 3
STA. 158+00 TO
STA. 167+00

SHEET NO.
E2.7
222 OF 286

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Tobin, Jillian
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2. ALL PROPOSED CONDUIT IN THE PLANS ASSUMED TO BE 1-2" SCH. 40 PVC UNLESS OTHERWISE NOTED. ALL CONDUITS PASSING UNDER FULL STRENGTH PAVEMENT TO BE CONCRETE ENCASED.
3. THE LIMITS OF SCHEDULE 3 ARE SHOWN HEREIN, HOWEVER, SCHEDULE 3 IS NOT PART OF THIS CONTRACT. REFER TO SCHEDULE 1 AND SCHEDULE 2 PLANS AS DIRECTED.

CONSTRUCTION NOTES

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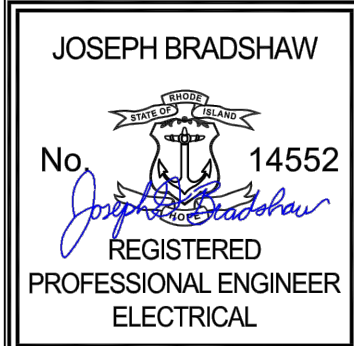
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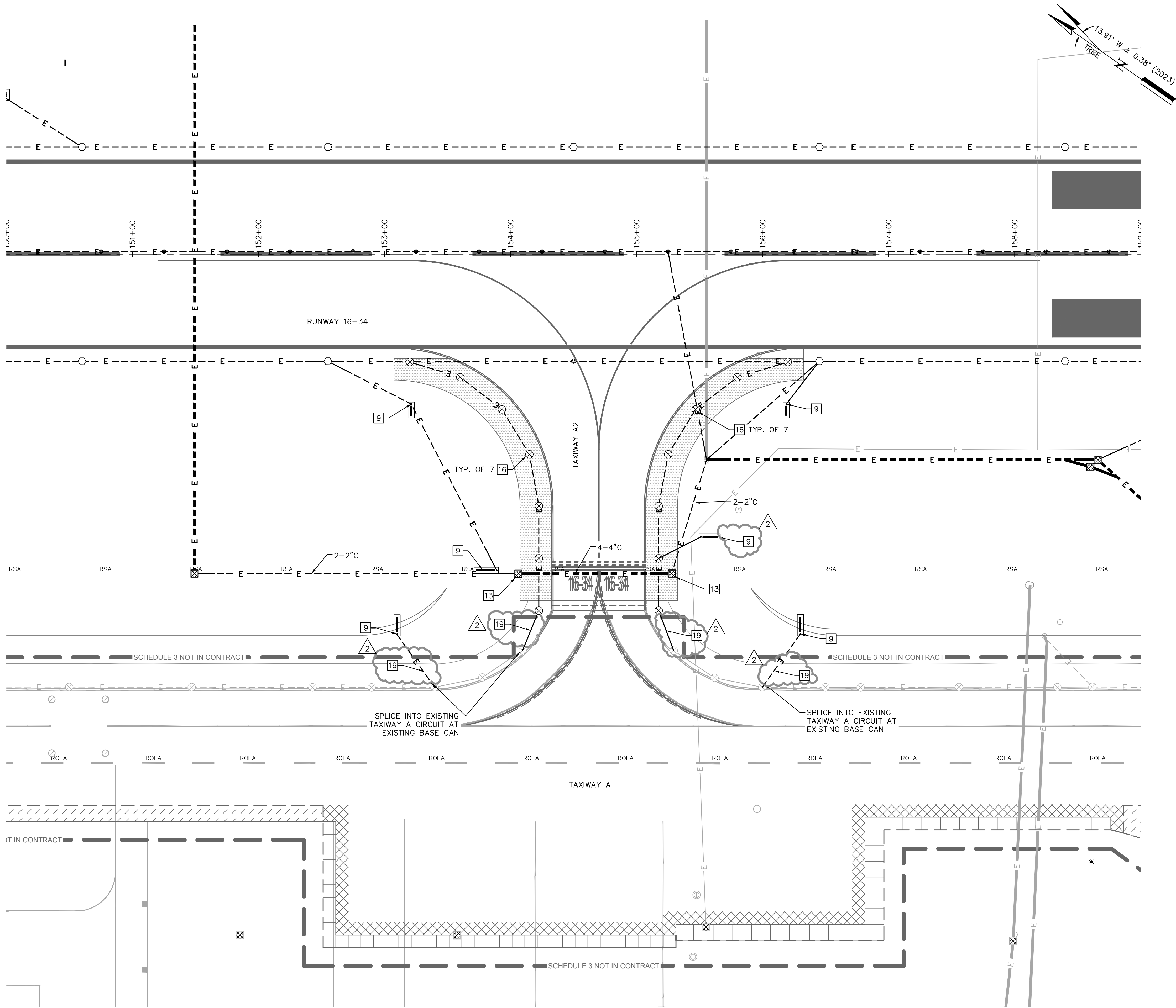
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		03/07/23	ADDENDUM NO. 2	JPT	2

QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE 02/09/2023
DESIGNED BY JDB
DRAWN BY JPT
CHECKED BY JDB
PROJECT NO. 112214003
FILE NO. EL03-112214003
AIP NO. 0-00-0000-000-0000
SHEET TITLE
LIGHTING AND
SIGNAGE PLAN
TAXIWAY A1
BID SCHEDULES 1 AND 2
STA. 124+00 TO
STA. 133+00

SHEET NO.
E2.12
227 OF 286

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JOSEPH BRADSHAW
No. 14552
REGISTERED
PROFESSIONAL ENGINEER
ELECTRICAL
02/09/2023

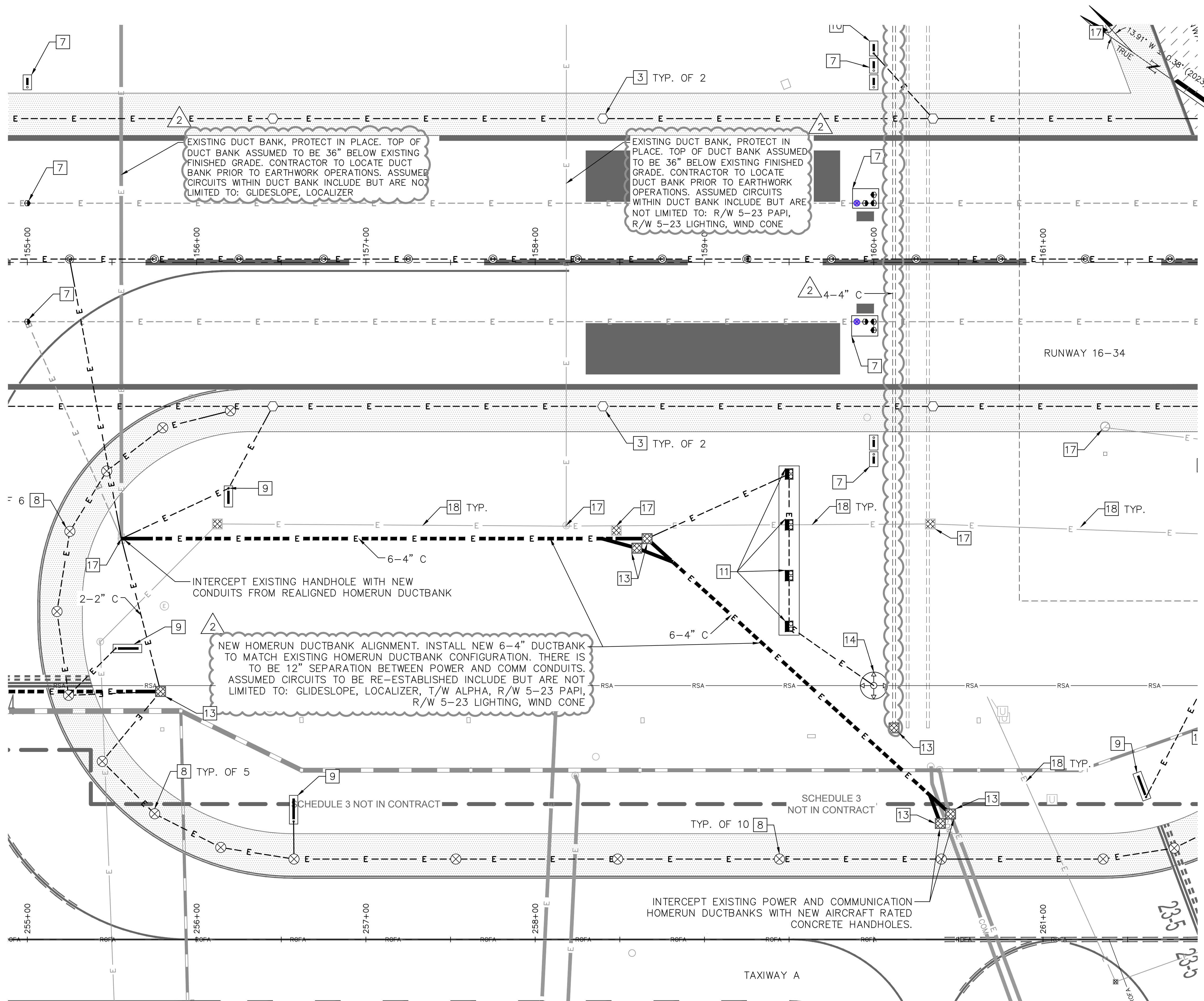
OKO	JDB	DATE	DESCRIPTION	REV	BY
		03/07/23	ADDENDUM NO. 2	2	JPT

QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

DATE 02/09/2023
DESIGNED BY JDB
DRAWN BY JPT
CHECKED BY JDB
PROJECT NO. 112214003
FILE NO. EL03-112214003
AIP NO. 0-00-0000-000-0000
SHEET TITLE
LIGHTING AND
SIGNAGE PLAN
TAXIWAY A2
BID SCHEDULES 1 AND 2
STA. 150+00 TO
STA. 159+00

SHEET NO.
E2.13
228 OF 286

C:\pwworkh\173969\F01-112214003.dwg Tabin, Jillian 3/6/2023 11:28 AM
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DUCTBANK REALIGNMENT NOTES

1. CONTRACTOR TO FIELD INVESTIGATE TO IDENTIFY AND TRACE ALL COMMUNICATIONS CABLEING AND AIRFIELD POWER CIRCUITS (INCLUDING BUT NOT LIMITED TO LOCAL 5-23 LIGHTING, T/W A LIGHTING, GLIDESLOPE, WINDCONES, RWYZER, AND R/W 5-23 PAPI) ENTERING AND LEAVING EXISTING HOMERUN HANDHOLES.
2. CONTRACTOR TO RECONNECT EXISTING AIRFIELD POWER CIRCUITS BY SPLICING EXISTING CABLEING BETWEEN NEWLY INSTALLED HANDHOLES.
3. CONTRACTOR TO RECONNECT EXISTING COMMUNICATIONS CABLEING USING EXISTING CABLEING TO SPLICE BETWEEN NEWLY INSTALLED HANDHOLES.
4. CONTRACTOR TO NOTIFY THE AIRPORT AND THE DESIGN ENGINEER OF ANY DISCREPANCIES FOUND BETWEEN THE PLANS AND RESULTS OF THE FIELD INVESTIGATION PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

CONSTRUCTION NOTES

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- 11 INSTALL NEW L-890 4-BOX LED PAPI ON NEW CONCRETE FOUNDATION. SEE DETAILS SHEETS E5.9 AND E5.10.
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- 16 INSTALL NEW L-861T QUARTZ ELEVATED TAXIWAY EDGE LIGHT AND CABLEING ON NEW L-867 BASE CAN WITH NEW ISOLATION TRANSFORMER. SEE DETAIL 1 SHEET E5.5.
- 17 EXISTING MANHOLE/HANDHOLE/JUNCTION CAN. PROTECT IN PLACE.
- 18 EXISTING ELECTRICAL CONDUIT/DUCT BANK. PROTECT IN PLACE.
- 19 INSTALL NEW L-867B BASE CAN WITH BLANK STEEL COVER.
- 20 SAWCUT EXISTING ASPHALT SHOULDER FOR NEW 1'-2" SCH. 40 PVC DIRECT BURIED CONDUIT TRENCH. FILL TO SURFACE WITH CLSM.



Know what's **below**.
Call before you dig.

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150 AIRPORT STREET
NORTH KINGSTOWN, RI 02852
PHONE: (401) 691-2000

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VANASSE HANGEN BRUSTLIN, INC.
1 CEDAR STREET
SUITE 400
PROVIDENCE, RI 02903

JOSEPH BRADSHAW

No. 14552

 REGISTERED
PROFESSIONAL ENGINEER
ELECTRICAL

02/09/2023

REV	BY	DESCRIPTION	DATE	CKO
2	JPT	ADDENDUM NO. 2	03/07/23	JOB

**QUONSET STATE AIRPORT
RHODE ISLAND AIRPORT CORPORATION
NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION**

DATE	02/09/2023
DESIGNED BY	JDB
DRAWN BY	JPT
CHECKED BY	JDB
PROJECT NO.	112214003
FILE NO.	EL01-112214003
AIP NO.	0-00-0000-000-0000
SHEET TITLE	

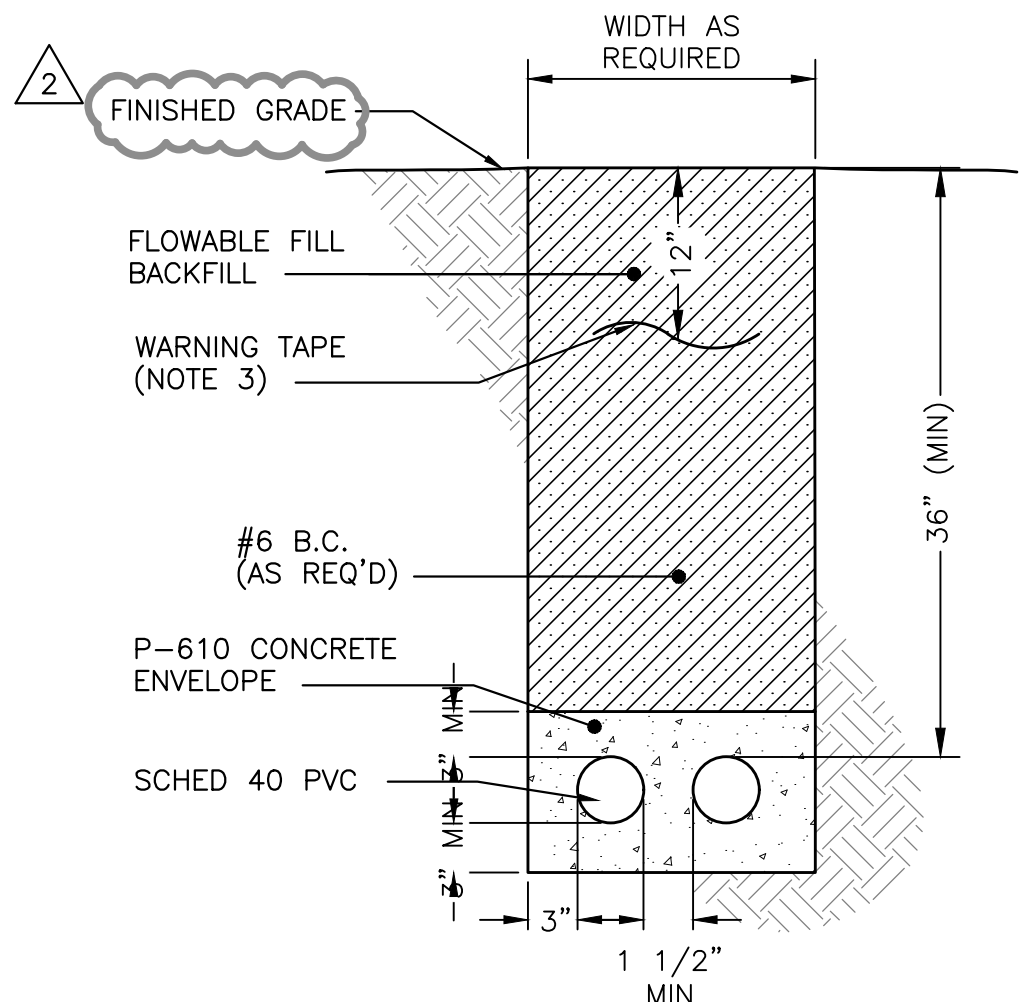
**ELECTRICAL
LAYOUT PLAN
HOMERUN DUCTBANK
REALIGNMENT
SCHEDULE 1 & 2**

SHEET NO.
E2.17

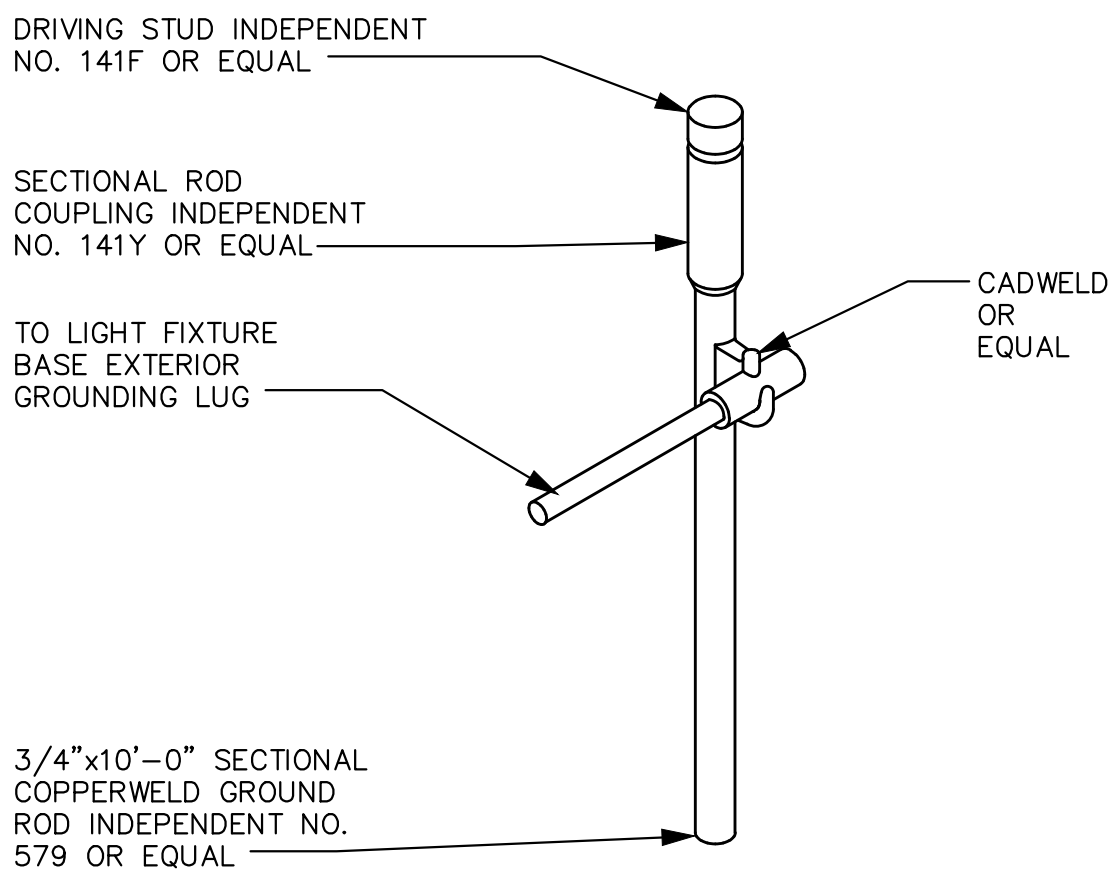
C:\pw\kh1\0073969\EZ-112214003.dwg, Tobin, Jillian, 3/6/2023 11:47 AM
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CONDUIT/DUCT & CABLE INSTALLATION NOTES:

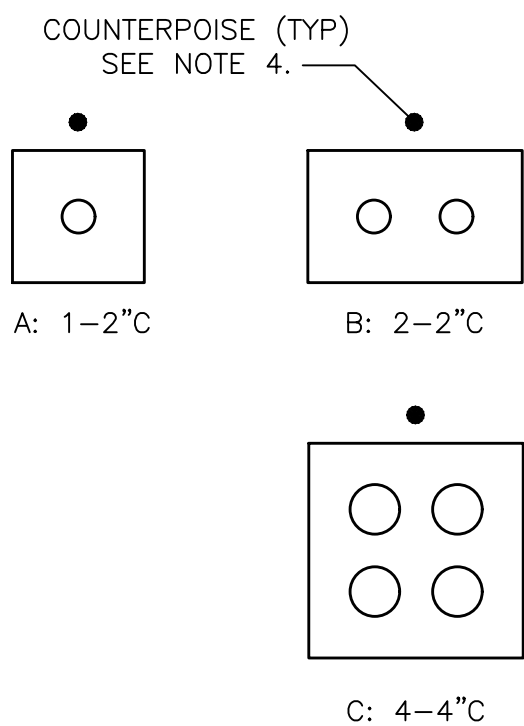
1. SEE PLANS FOR REQUIRED DUCT SECTIONS. ALL OF THE SECTIONS SHOWN ON THIS DRAWING MAY NOT BE USED ON THIS PROJECT.
2. PROVIDE PULL WIRES IN ALL (NEW) UNUSED CONDUITS. PLUG CONDUIT ENDS IN HANDHOLES OR MANHOLES.
3. WARNING TAPE REQUIRED IN ALL AREAS. WHERE IN CONFLICT WITH THE COUNTERPOISE, INSTALL THE TAPE DIRECTLY ABOVE THE COUNTERPOISE.
4. U.O.N. INSTALL A #6 BARE COPPER (BC) COUNTERPOISE CONDUCTOR WITH EACH DUCT ASSEMBLY AND EACH SINGLE CONDUIT. EXOTHERMICALLY WELD TO GROUND RODS PER SPECS. DO NOT CONNECT TO BASES OR GROUNDING SYSTEM. COUNTERPOISE CONDUCTOR TO BE PULLED EXTERIOR TO DIRECTIONAL BORE.
5. BACKFILL-D.B. APPLICATION: FILL FROM WARNING TAPE TO BOTTOM OF PAVEMENT WITH P-152. NATIVE BACKFILL USED UP TO WARNING TAPE.
6. BACKFILL-C.E. APPLICATION: FILL ABOVE CONCRETE ENVELOPE TO BOTTOM OF P-209.
7. REFER TO SPECIFICATION ITEM L-110 FOR CONDUIT/DUCT SPACER SYSTEM.



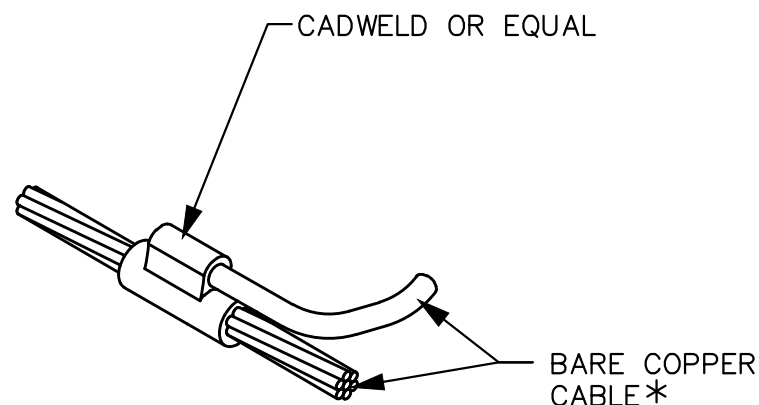
1 TRENCH SECTION – CONCRETE ENCASED
SCALE: NTS



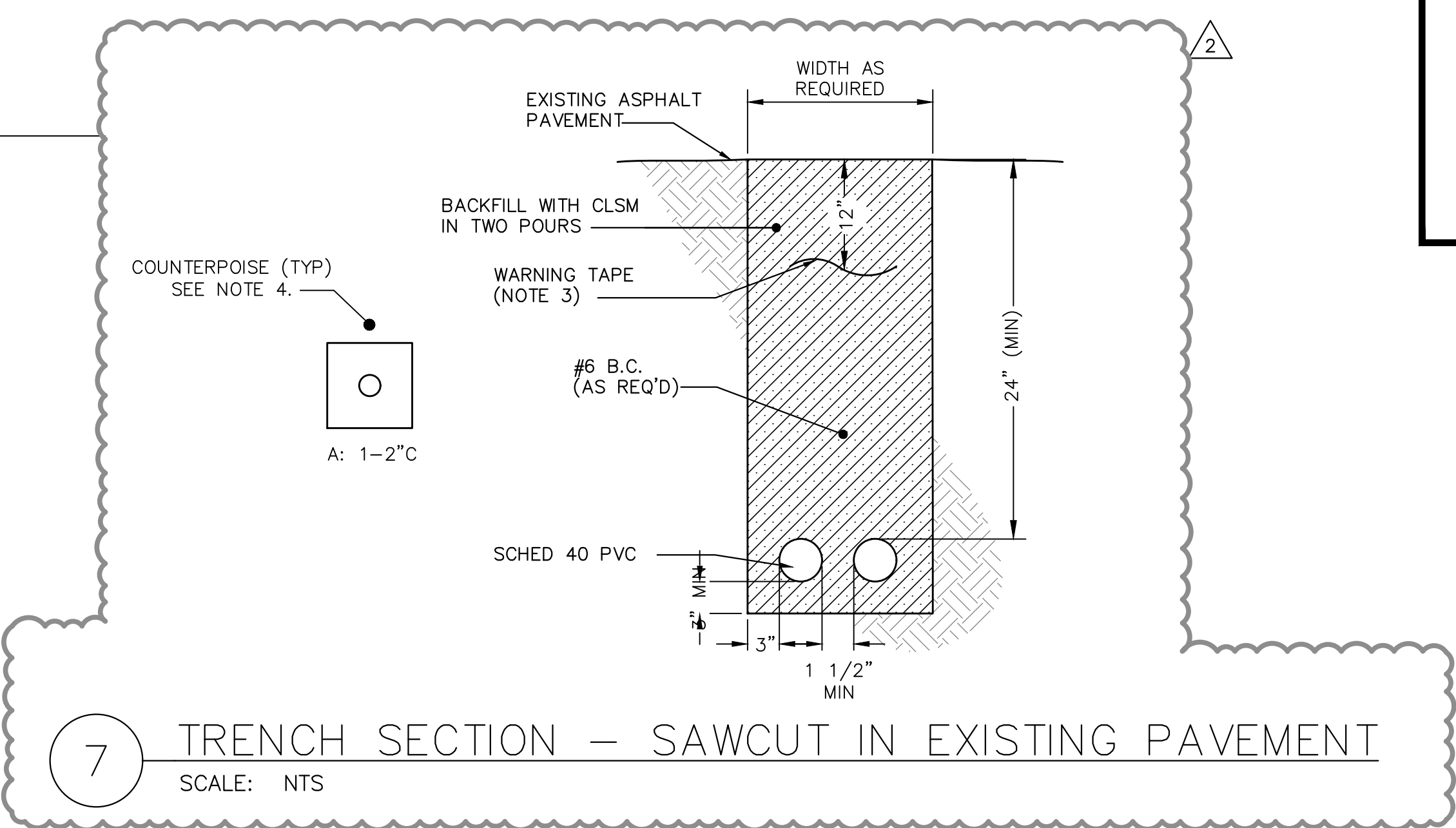
4 LIGHT BASE COUNTERPOISE
SCALE: NTS



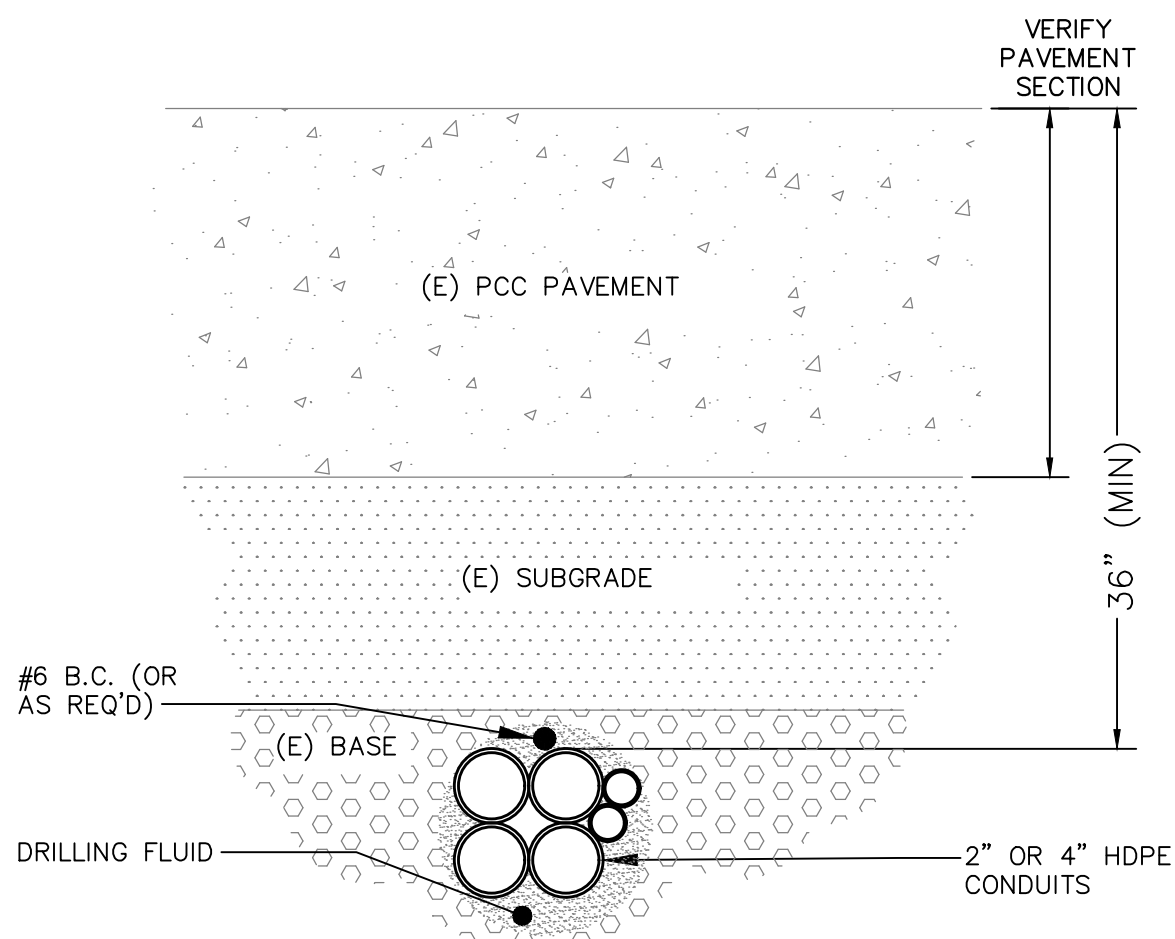
5 COUNTERPOISE SYSTEM CABLE CONNECTION
SCALE: NTS



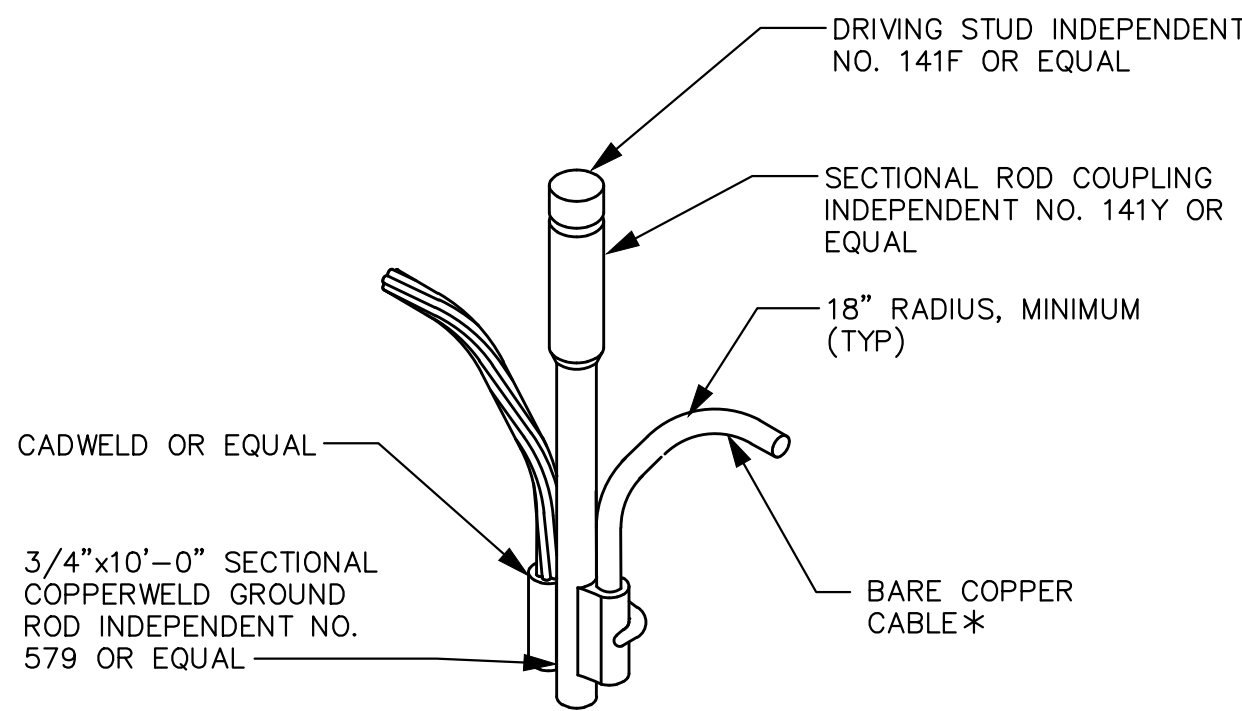
* BARE COPPER CABLE –
#4/0 FOR FAA FACILITIES,
#1/0 FOR FAA DUCTS,
#6 SOLID FOR AIRFIELD
LIGHTING



7 TRENCH SECTION – SAWCUT IN EXISTING PAVEMENT
SCALE: NTS



3 TYPICAL SECTION – DIRECTIONAL BORE
SCALE: NTS
NOTE: INFORMATIONAL



6 COUNTERPOISE GROUND ROD
SCALE: NTS

ISSUED FOR BID
02/09/2023

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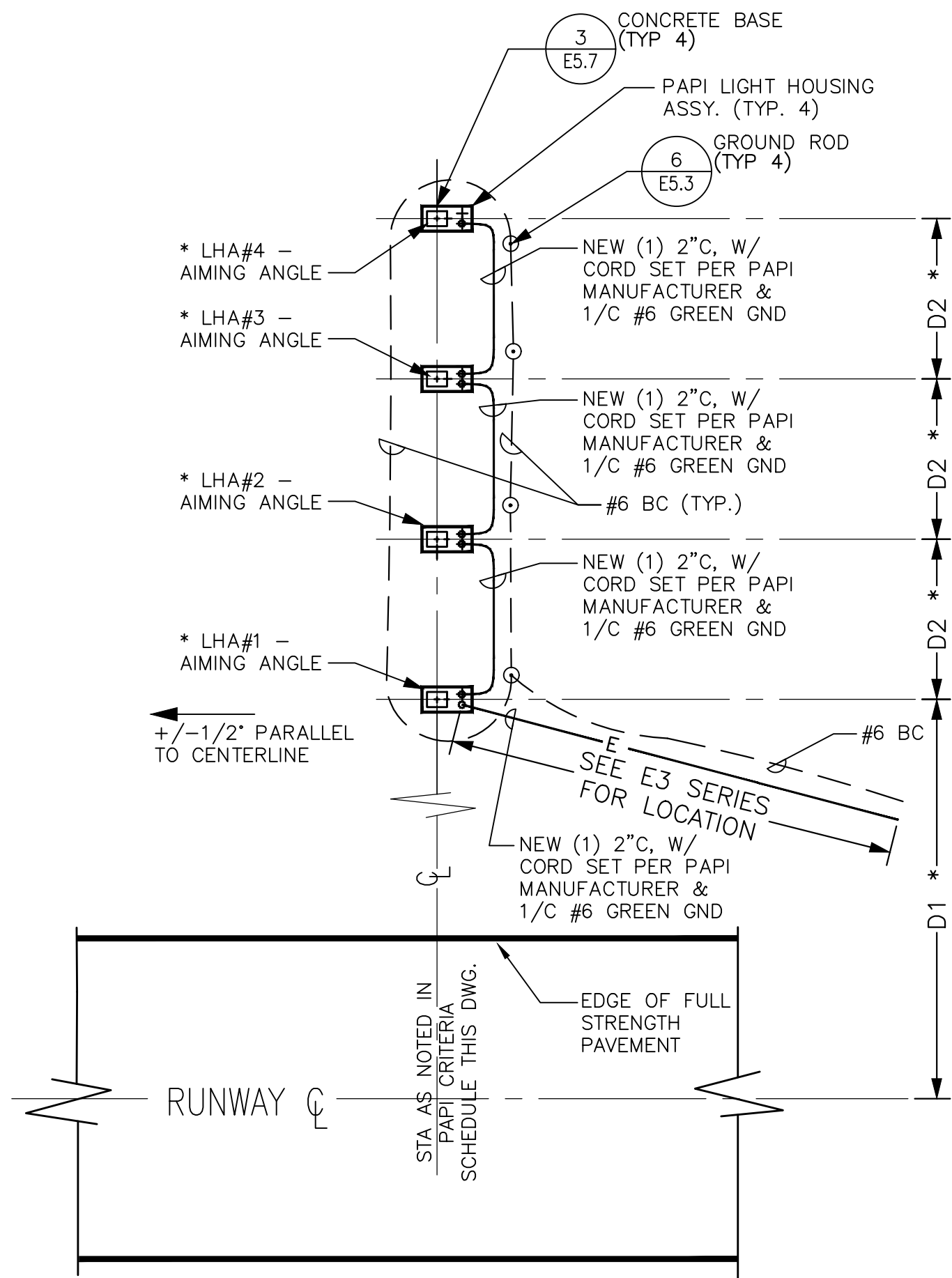
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SHEET TITLE
ELECTRICAL
DETAILS
TRENCHING &
GROUNDING

SHEET NO.
E5.3
256 OF 286

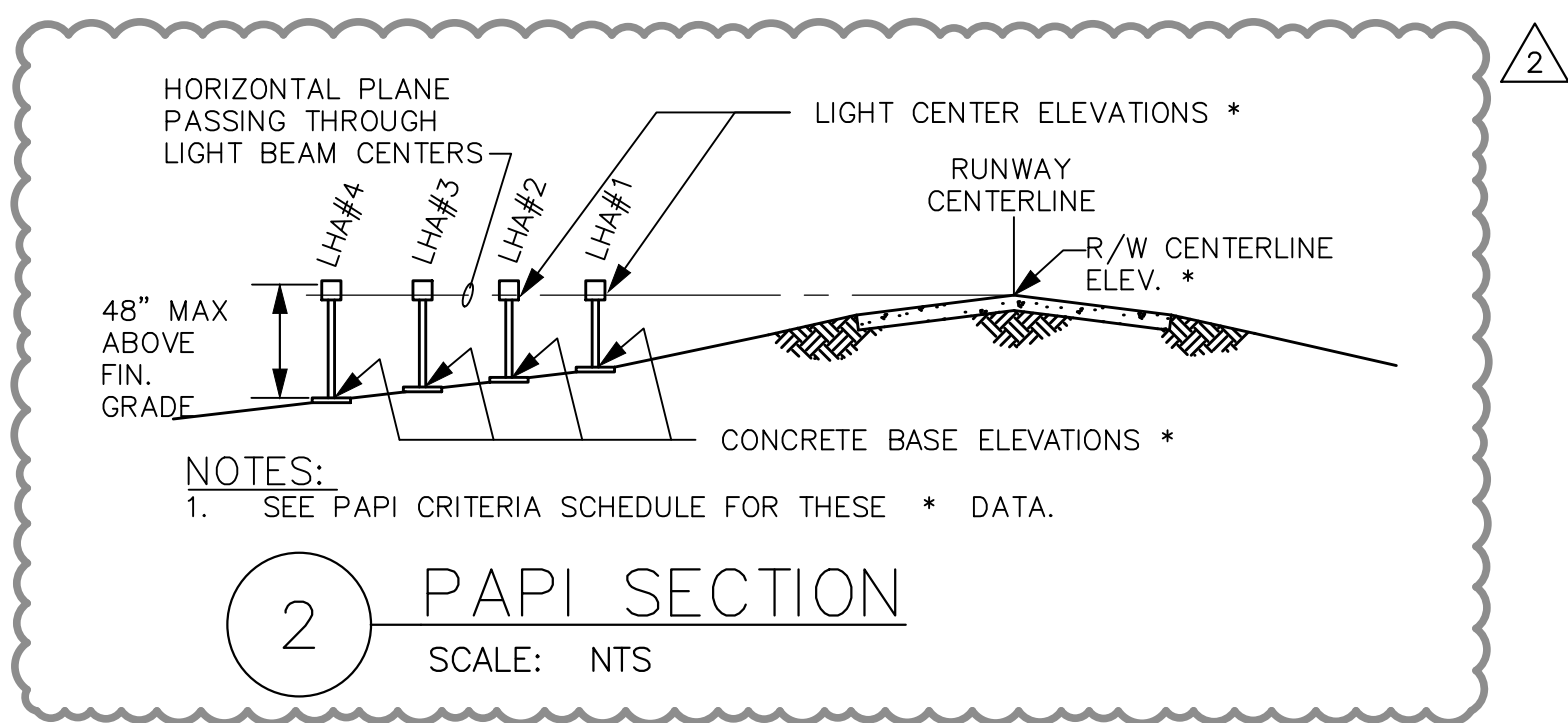
C:\pw\kh1\0073969\EZ-PAPI-112214003.dwg, 3/6/2023 11:53 AM, Tobin, Jillian, 3/6/2023 11:53 AM, THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGN PRESSURES HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND MODIFICATION OF THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ASSOCIATES, INC. SHALL BE WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC.



NOTES:

- ALL UNITS IN A BAR SHALL BE LOCATED ON A LINE PERPENDICULAR TO THE RUNWAY CENTERLINE. THE FRONT FACES OF EACH LIGHT UNIT TO BE WITHIN $\pm 6"$ OF THIS LINE.
- WITHIN 5' OF THE LHA AND EQUIPMENT PADS: 4" DEEP, 3/4" GRAVEL.
- SEE PAPI CRITERIA SCHEDULE FOR * DATA.

1 PAPI SITE PLAN



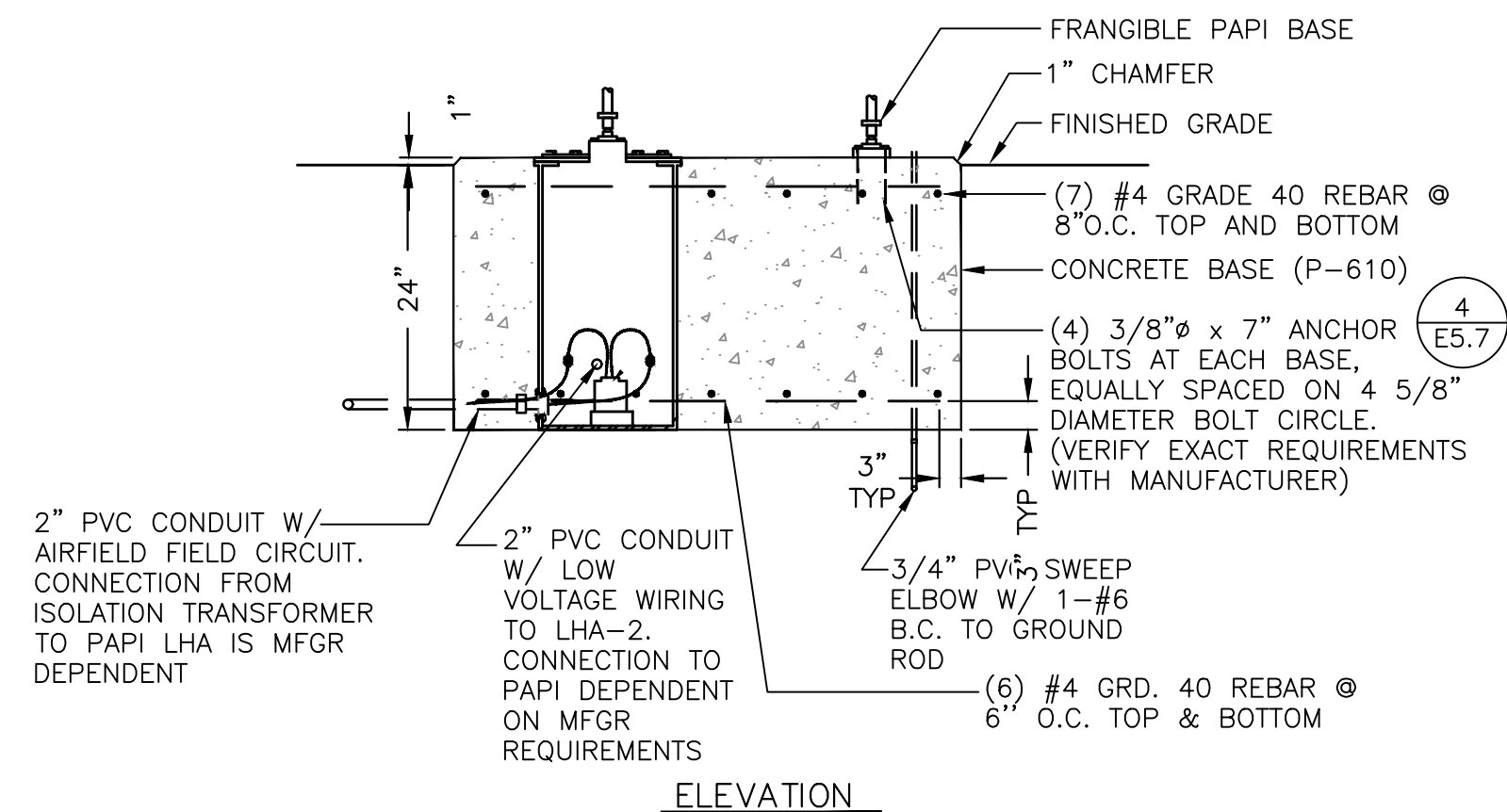
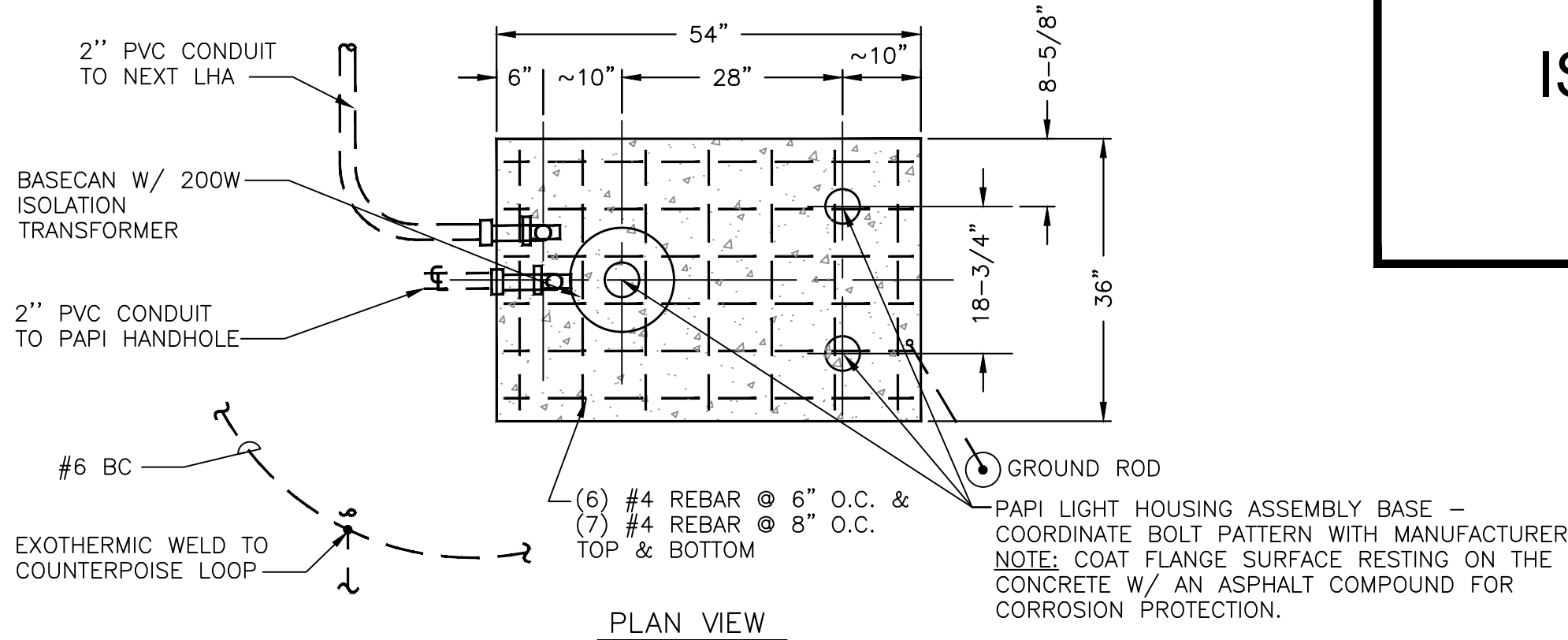
2 PAPI SECTION

SCALE: NTS

PAPI CRITERIA SCHEDULE												
R/W	STA	(DIST. FROM R/W CL TO CL OF LHA #1) (FT)	LIGHT HOUSING ASSEMBLY (LHA) SPA. O.C. (FT.)	R/W CL ELEV. (FT)	LIGHT CENTER ELEVATION (FT)	AIMING ANGLE BASED ON 3° 00' GLIDE PATH*				EFFECTIVE VISUAL THRESHOLD CROSSING HEIGHT (TCH)	THRESHOLD R/W CENTERLINE ELEVATION (FT)**	R/W
16	111+00.00	125'-0"	30'-0"	15.24'	15.60' (NOT TO EXCEED 1' ABOVE RUNWAY CL)	LHA#1	LHA#2	LHA#3	LHA#4	55.0'	18.30'	16
34	159+50.00	125'-0"	30'-0"	11.34'	12.00' (NOT TO EXCEED 1' ABOVE RUNWAY CL)	LHA#1	LHA#2	LHA#3	LHA#4	55.0'	11.34'	34
TEMP 34	139+50.00	125'-0"	30'-0"	11.34'	12.00' (NOT TO EXCEED 1' ABOVE RUNWAY CL)	LHA#1	LHA#2	LHA#3	LHA#4	55.0'	11.34'	TEMP 34

SCHEDULE NOTE:

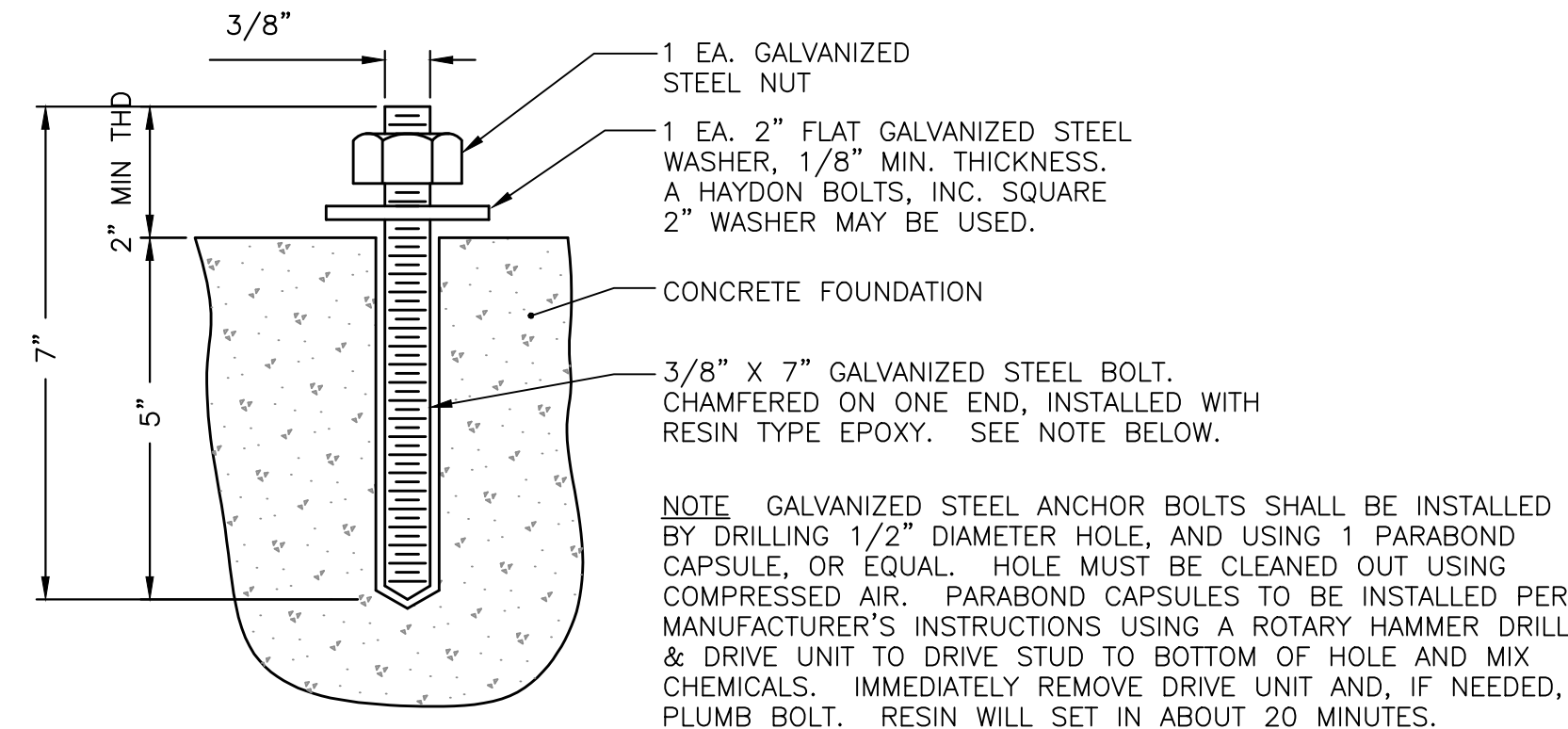
- * COORD W/ AIRPORT FOR AIMING ANGLES PRIOR INSTALLING PLACARD AFTER FLIGHT TESTING.
** CONTRACTOR TO VERIFY ELEVATIONS IN THE FIELD PRIOR TO PAPI INSTALLATION.



NOTE: FINISH TOP OF CONCRETE BASE WITH 1/4"/FT. SLOPE, BOTH DIRECTIONS FROM LONGITUDINAL AXIS.

3 PAPI LIGHT BOX CONCRETE BASE

SCALE: NTS



4 CHEMICAL ANCHOR BOLT DETAIL

SCALE: NTS

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JOSEPH BRADSHAW
No. 14552
REGISTERED
PROFESSIONAL ENGINEER
ELECTRICAL
02/09/2023

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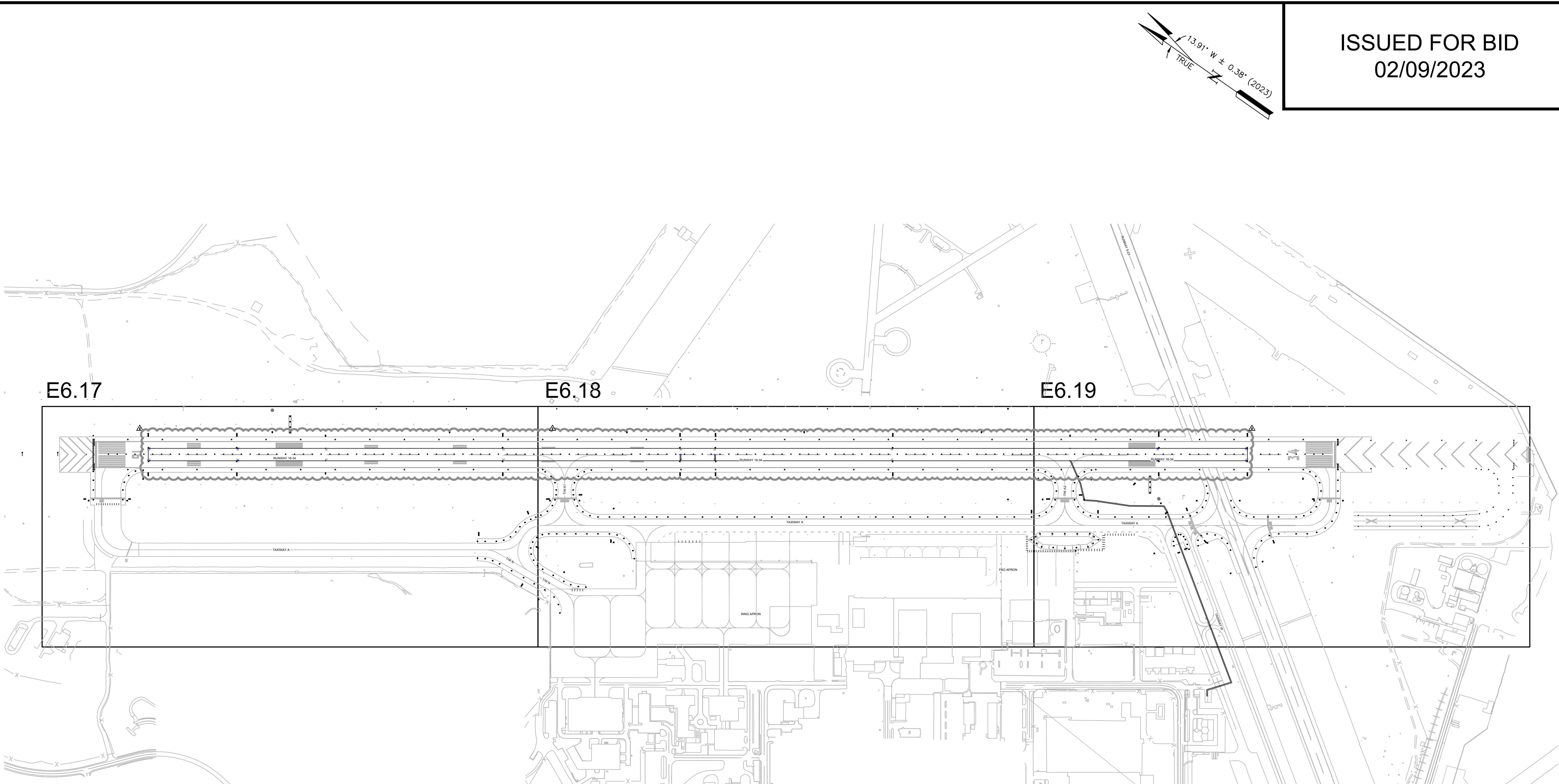
QUONSET STATE AIRPORT
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RUNWAY 16-34 RECONSTRUCTION

DATE	02/09/2023
DESIGNED BY	JDB
DRAWN BY	JPT
CHECKED BY	JDB
PROJECT NO.	112214003
FILE NOEZ-PAPI-112214003	
AIP NO.0-00-0000-000-0000	
SHEET TITLE	

ELECTRICAL
DETAILS PAPI
DETAILS

SHEET NO.
E5.7
260 OF 286

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NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

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CHECKED BY XXX
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FILE NO. ECKT-AZL-112214003
AIP NO. 0-00-0000-000-0000

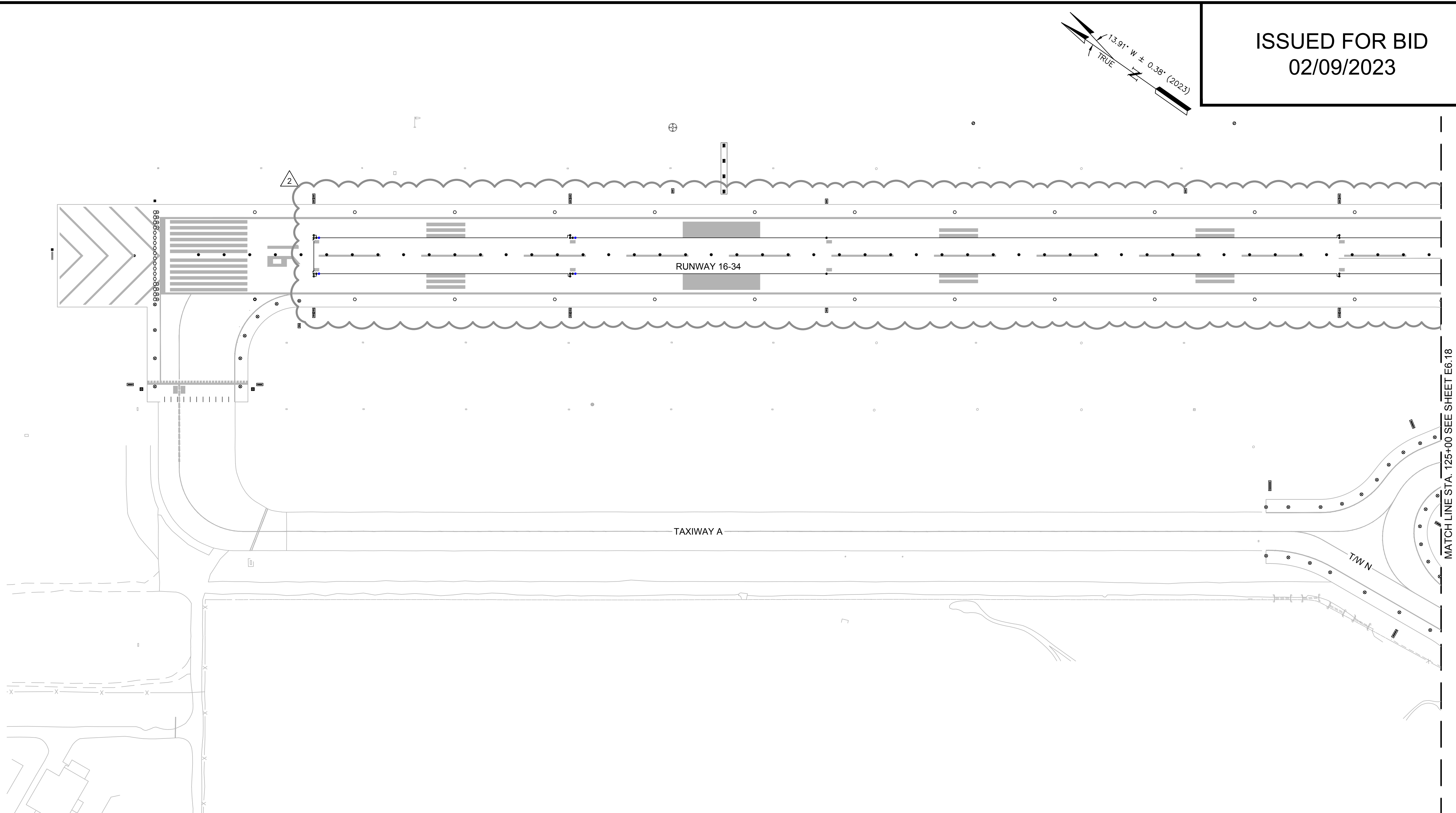
SHEET TITLE
OVERALL
MILITARY
LANDING ZONE
LIGHTING CIRCUIT
MAP

SHEET NO.
E6.16
278 OF 286

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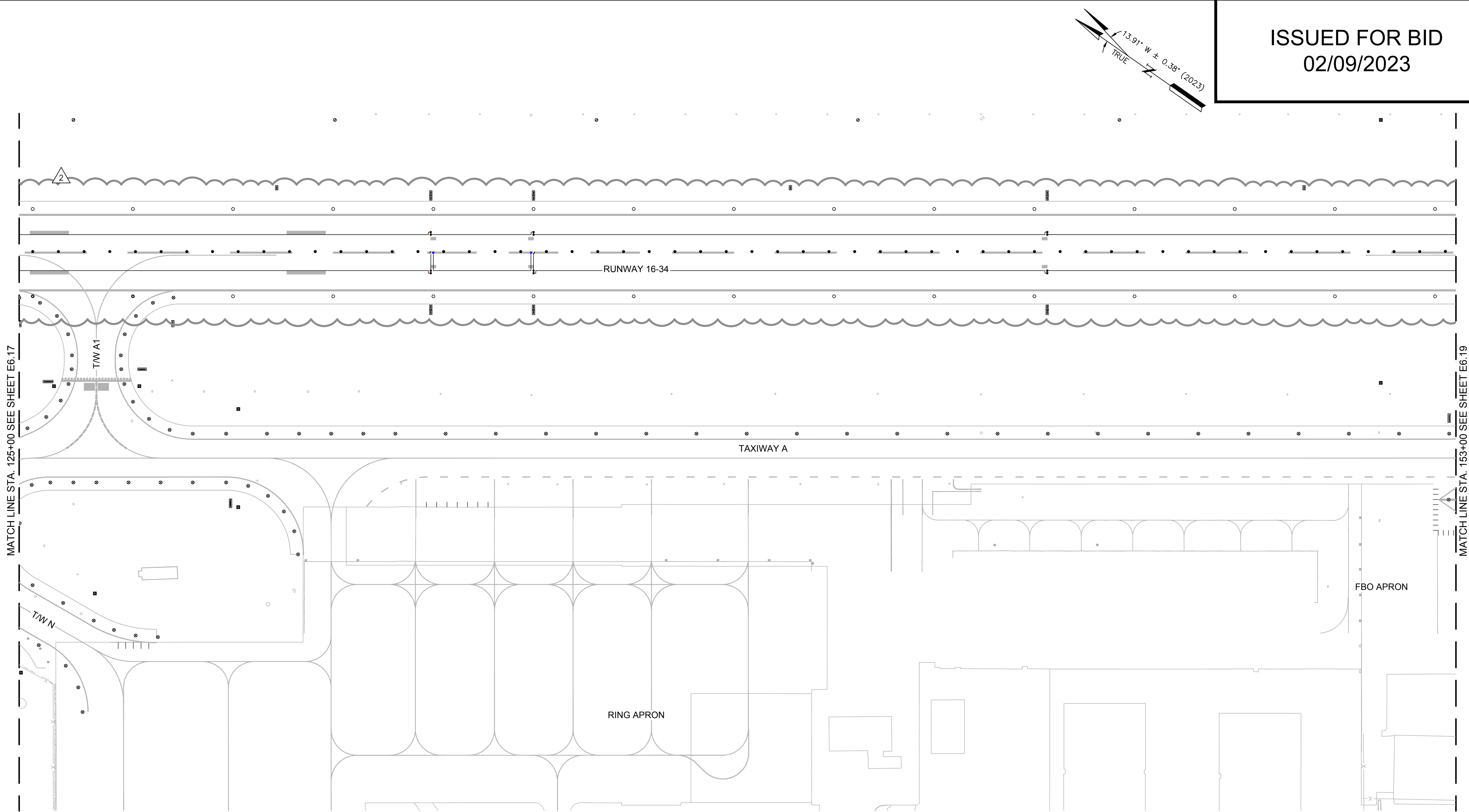
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NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

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PROJECT NO.	112214003
FILE NO.	112214003
AIP NO.	0-00-0000-000-0000
SHEET TITLE	

MILITARY
LANDING ZONE
LIGHTING CIRCUIT
MAP

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NORTH KINGSTOWN, RHODE ISLAND
RUNWAY 16-34 RECONSTRUCTION

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PROJECT NO.	112214003
FILE NAME	ECT-AZL-112214003
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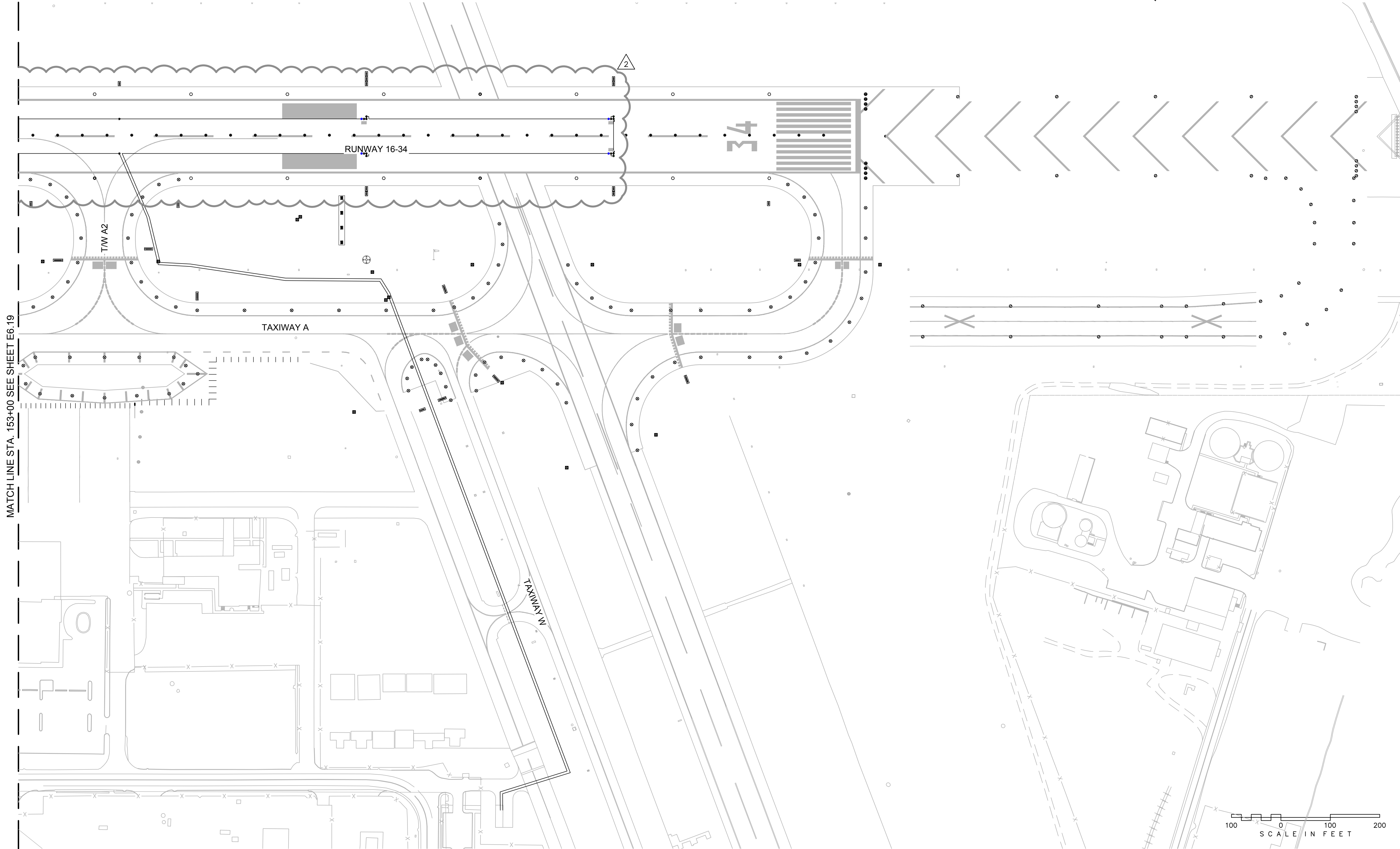
MILITARY
LANDING ZONE
LIGHTING CIRCUIT
MAP

SHEET NO.
E6.18
280 OF 286

100 0 100 200
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RUNWAY 16-34 RECONSTRUCTION

DATE	02/09/2023
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PROJECT NO.	112214003
FILE NAME	NECKT-AZL-112214003
AIP NO.	0-00-0000-000-0000
SHEET TITLE	

MILITARY
LANDING ZONE
LIGHTING CIRCUIT
MAP

SHEET NO.
E6.19