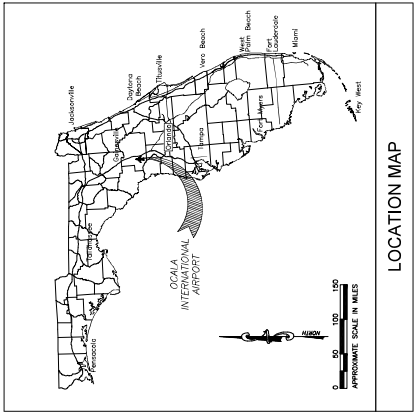


OCALA INTERNATIONAL AIRPORT

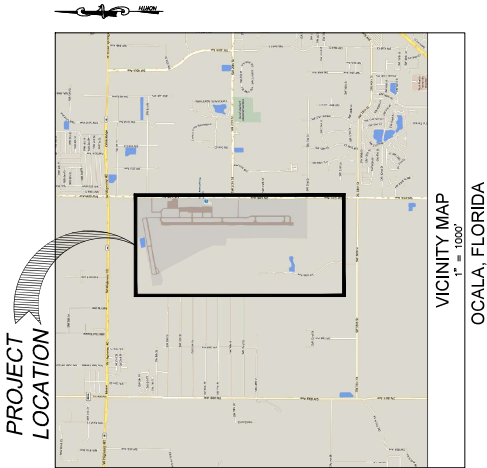
TERMINAL APRON REHABILITATION AT



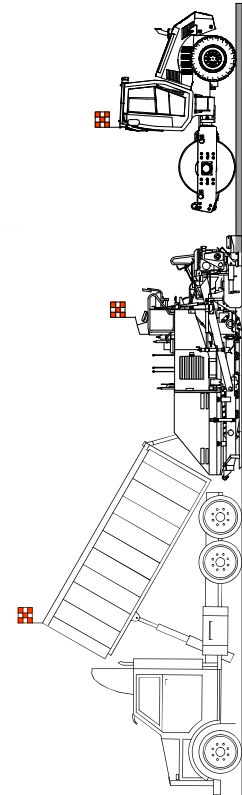
FAA AIP PROJECT No.: 3-12-0055-034-2024
FDOT FM NO. : 455217-1-94-01 (G3474)



LOCATION MAP



VICINITY MAP

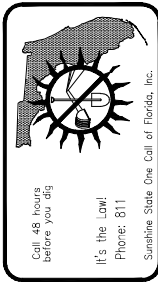


BID DOCUMENTS

MARCH 2025

PREPARED BY:
INFRASTRUCTURE
CONSULTING & ENGINEERING
5550 W. IDLEWILD AVENUE, SUITE 115
TAMPA, FL 33634
(813) 330-2704

CERTIFICATE OF AUTHORIZATION NO.: 30862

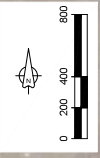
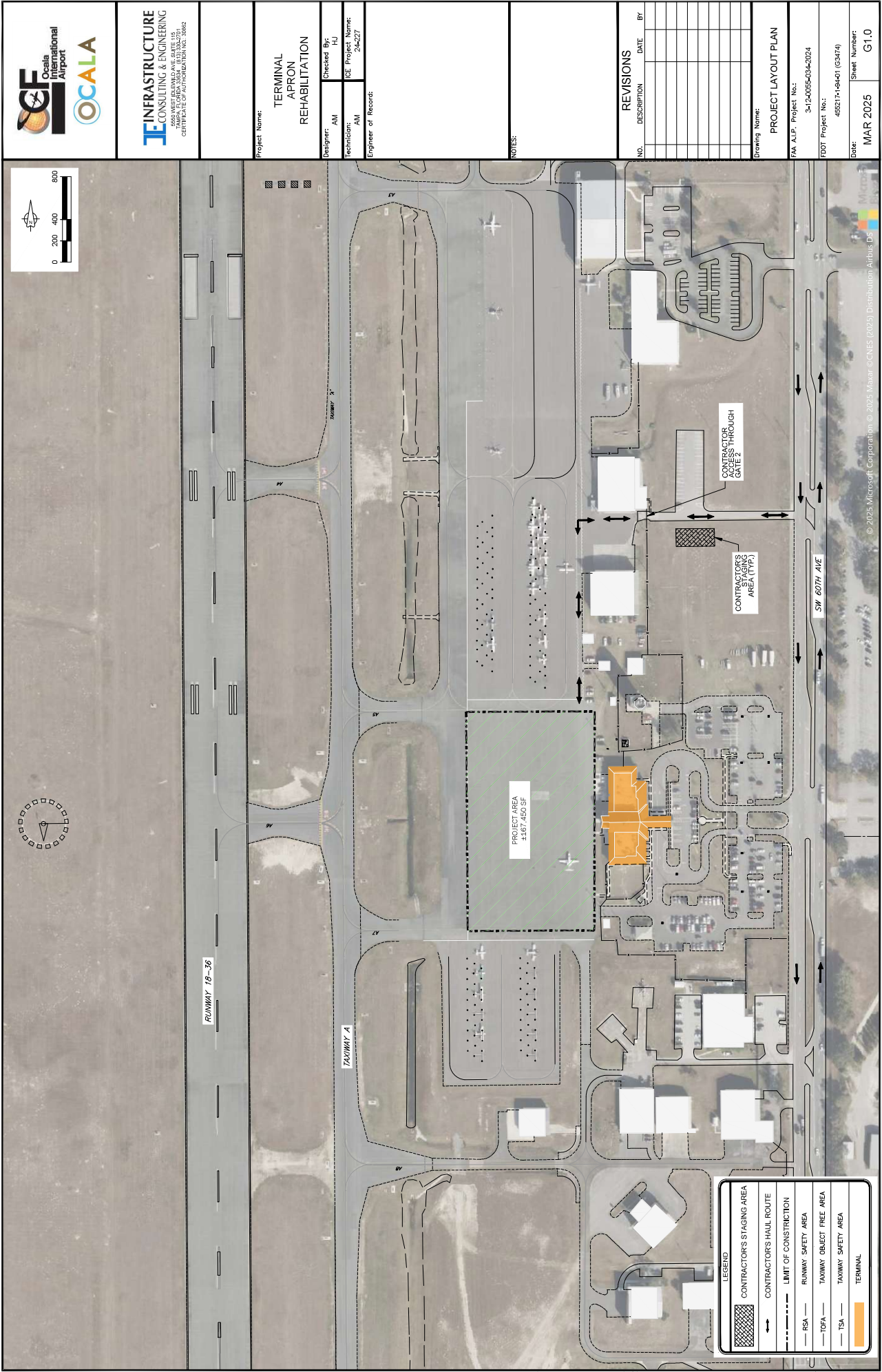


Hamed Jafarian
No. 76516
State of Florida
Professional Engineer
Digitally signed by Hamed Jafarian
DN: cn=Hamed Jafarian, o=Hamed Jafarian, ou=Hamed Jafarian, email=Hamed.Jafarian@infrastructure.com, c=US
Date: 2025.04.11 15:43:51

HAMED JAFARIAN, FL P.E. NO. 76516
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR
THE ABOVE SHEETS IN ACCORDANCE WITH RULE 61615-23.004, F.A.C.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

DWG. No.	DESCRIPTION
G0.0	COVER SHEET
G1.0	PROJECT LAYOUT PLAN
G1.1-G1.5	CONSTRUCTION SAFETY & PHASING PLAN, NOTES AND DETAILS
G2.1	GENERAL NOTES
C1.1	EXISTING CONDITIONS
C1.2	EXISTING CONDITIONS - PHOTOS
C2.1	DEMOLITION & PAVEMENT REMOVAL PLAN
C3.1-C3.2	TYPICAL SECTIONS AND DETAILS
C4.1	PAVEMENT LAYOUT AND MARKING PLAN
C5.1	GRADING AND DRAINAGE PLAN
C6.1	MARKING DETAILS

DRAWING INDEX



INFRASTRUCTURE
CONSULTING & ENGINEERING
2020 WEST BREVILLE AVE. SUITE 110
OCALA, FL 34474
CERTIFICATE OF AUTHORIZATION NO. 18882

Project Name:
**TERMINAL
APRON
REHABILITATION**

Designer: AM
Checked By: HJ
Technician: AM
ICE Project Name: 24-027
Engineer of Record:

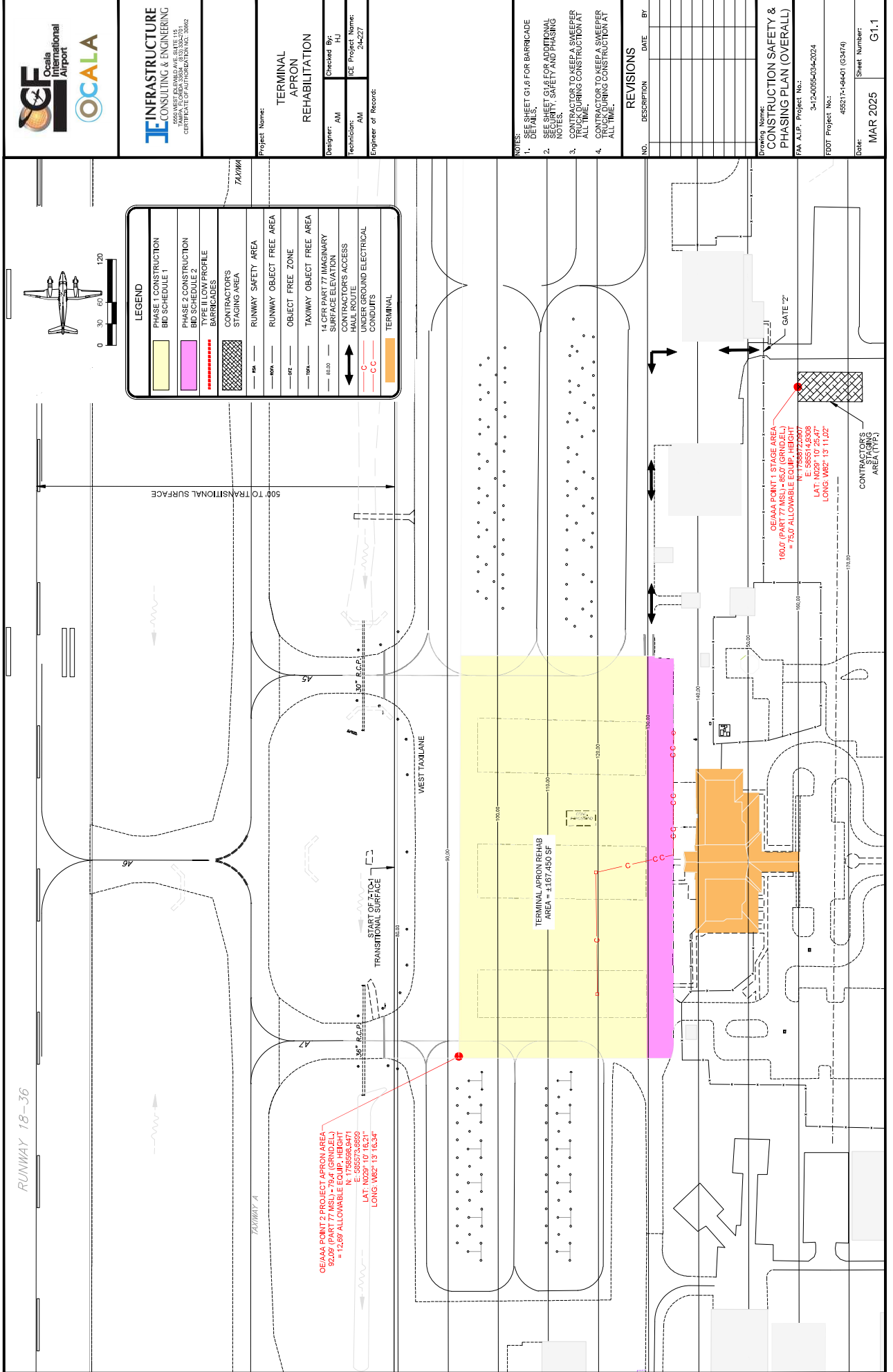
NOTES:

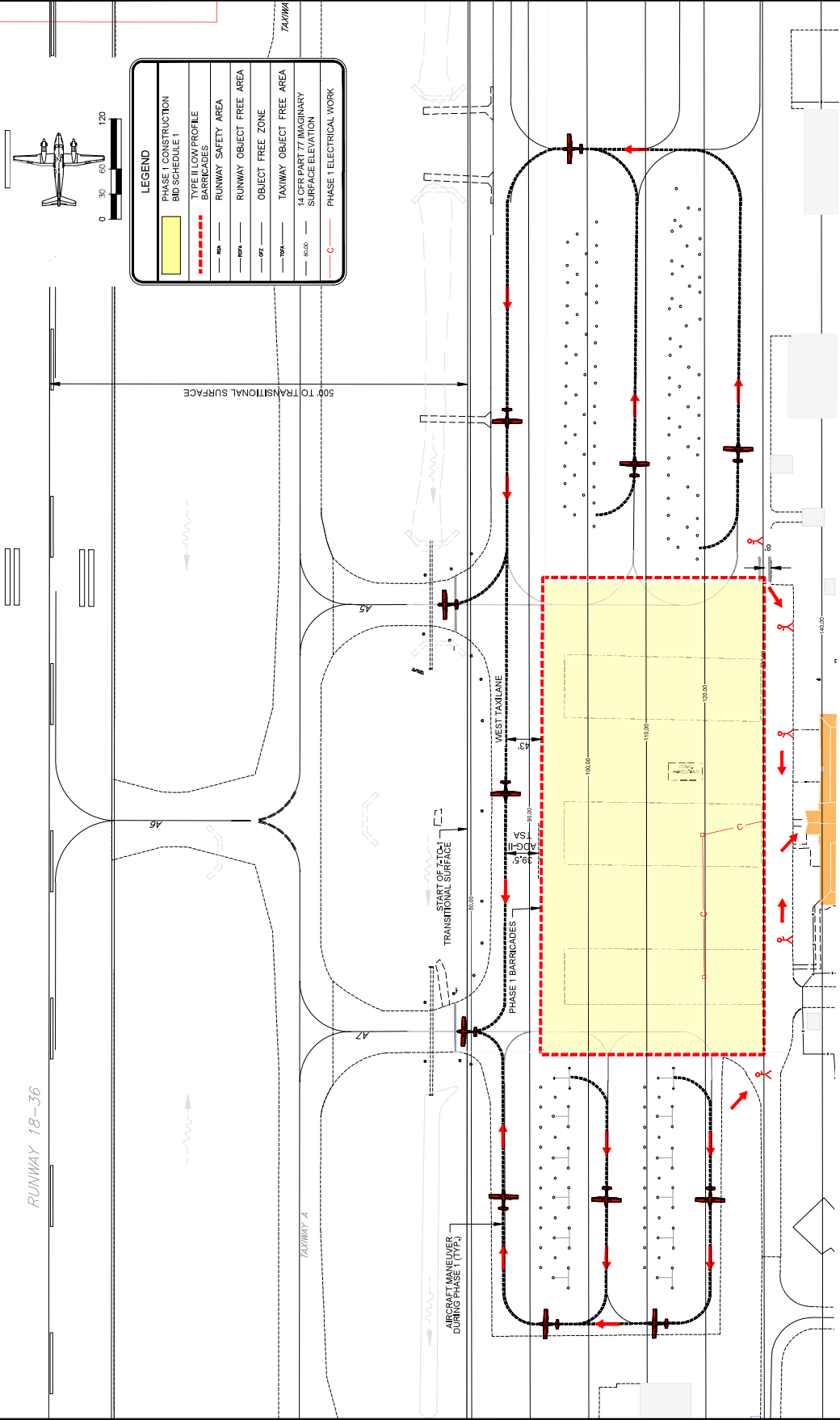
REVISIONS		
NO.	DESCRIPTION	DATE BY

Drawing Name:
PROJECT LAYOUT PLAN

PA AJP Project No.: 3-12-0095-034-2024
FOOT Project No.: 452174-0401 (G3474)
Date: MAR 2025
Sheet Number: G1.0

LEGEND	
	CONTRACTOR'S STAGING AREA
	CONTRACTOR'S HAUL ROUTE
	LIMIT OF CONSTRUCTION
	RSA
	TOFA
	TAXIWAY OBJECT FREE AREA
	TSA
	TERMINAL





PHASE	DURATION	LIQUIDATED DAMAGES	DESCRIPTION OF WORK	IMPACT
1	2 CALENDAR DAYS	PER CONTRACT	PLACE PHASE 1 BARRETTAGES, CLEAN APRON, REMOVE EXIST ASPHALT, REMOVE EXIST CURB AND GUTTER, REPAIR CRACKS, PATCH POLES, PATCH PAVEMENT, PATCH DRIVE LANE, PATCH SIDEWALKS, PATCH ELECTRICAL WORK, CONTACT ALL EXISTING BASE, PLACE THIN COAT PLAGE, FIRST LIFT OF F-40 OVERLAY PLAGE AND COAT PLAGE SECOND LIFT OF F-408 COAT PLAGE, FINISH WITH 1 INCH OF F-408 OVERLAY, APPLY TEMPORARY PAINT, APPLY PERMANENT PAINT PER SPECS.	AIRPORT WILL BE OPEN TO ALL TAKEOFF AND LANDINGS OPERATIONS ON RUNWAY "16R" FOR PHASE 1, TOWWAYS "A," "M" AND "F" WILL BE SHUT DOWN DURING THE CONSTRUCTION PHASE. CONTRACTORS MAY ONLY PERFORM WORK DURING THE FOLLOWING SCHEDULED TIMES: FROM 7:00 AM TO 5:00 PM ON SATURDAY, EXCLUDING SUNSHINE AND HOLIDAYS. ANY DEVIATION FROM THIS SCHEDULE REQUIRES PRE-APPROVAL FROM AIRPORT MANAGER.

1. PROJECT DURING IS CONTINUOUS THROUGH ALL PROJECT PHASES. THERE WILL BE NO DIPS IN TIME BETWEEN PHASES.
2. CONTRACTOR IS REQUIRED TO ENSURE CONTINUOUS ACCESS TO THE TERMINAL BUILDING THROUGHOUT THIS PHASE OF THE PROJECT.
3. CONTRACTOR TO KEEP A SWEEPER TRUCK DURING CONSTRUCTION AT ALL TIME.
4. OWNED MAY REQUIRE OCCASIONAL USE OF WEST TAILANE. CONTRACTOR SHALL COORDINATE MILLING AND PAVING OPERATIONS IN THE AREA IMMEDIATELY ADJACENT TO THE TAILANE WITH THE OWNER. ALL OTHER ACTIVITIES SHALL PULL BACK AND YIELD TO AIRCRAFT.

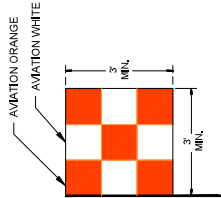
--	--



LOW PROFILE BARRICADE DETAIL
N.T.S.

N.T.S.

- NOTES:
- 1) ALL BARRICADES SHALL BE LINKED END TO END IN ALL LOCATIONS. FRANGIBLE, LOW PROFILE BARRICADES SHALL BE USED WHERE WORK IS ADJACENT TO ACTIVE AIRCRAFT OR INSIDE OF AN ACTIVE TAXIWAY'S SAFETY AREA. CAUTION LIGHTS TO BE RED IN COLOR AND FLASHING DURING HOURS OF DARKNESS.
 - 2) SECURE EACH BARRICADES WITH TWO SAND BAGS OR USE WATER FILLED.
 - 3)



CONSTRUCTION SAFETY FLAG

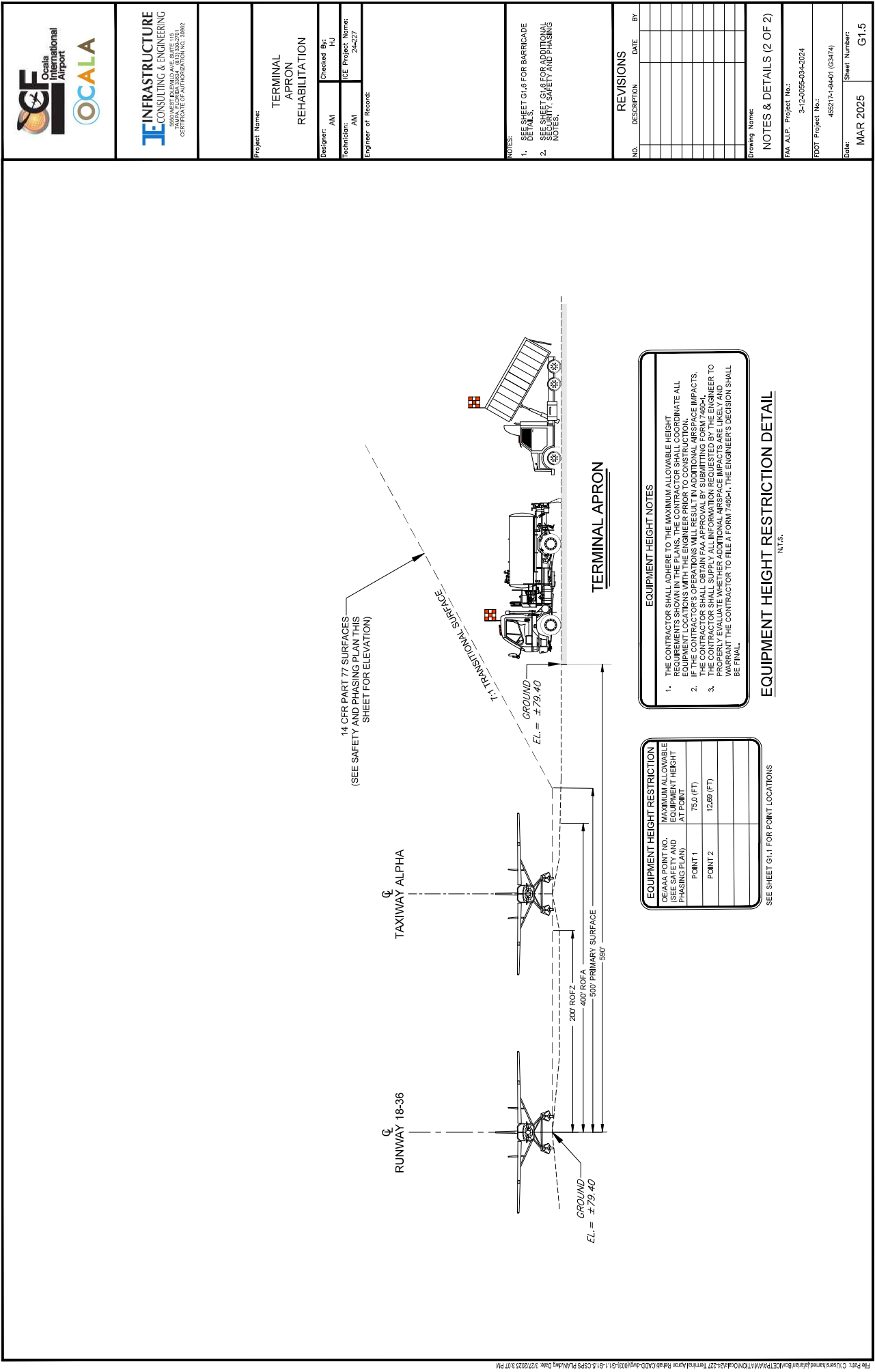
NOTE:
SAFETY FLAG SHALL BE PROMINENTLY DISPLAYED ON ALL
CONSTRUCTION EQUIPMENT. AN AMBER FLASHING LIGHTS
REQUIRED FOR NIGHT WORK AND MAY BE SUBSTITUTED FOR
THE FLAG DURING THE DAY.



TRAFFIC CONE

N.T.S.

[illegible]



INFRASTRUCTURE
CONSULTING & ENGINEERING
2020 WEST BREVARD AVE. SUITE 115
OCALA, FL 34474-1115
CERTIFICATE OF AUTHORIZATION NO. 18882

Project Name: **TERMINAL APRON REHABILITATION**

Designer: AM
Checked By: HJ
Technician: AM
ICE Project Name: 24-027
Engineer of Record:

NOTES:
1. SEE SHEET G1.6 FOR BARRICADE DETAILS.
2. SEE SHEET G1.6 FOR ADDITIONAL NOTIFICATION, SAFETY AND PHASING NOTES.

REVISIONS		
NO.	DESCRIPTION	DATE BY

Drawing Name: **NOTES & DETAILS (2 OF 2)**

FAA AJP: Project No.: 3-12-0095-034-2024
FDOT Project No.: 45211-1-04-01 (G3474)
Date: MAR 2025 Sheet Number: G1.5

EQUIPMENT HEIGHT NOTES

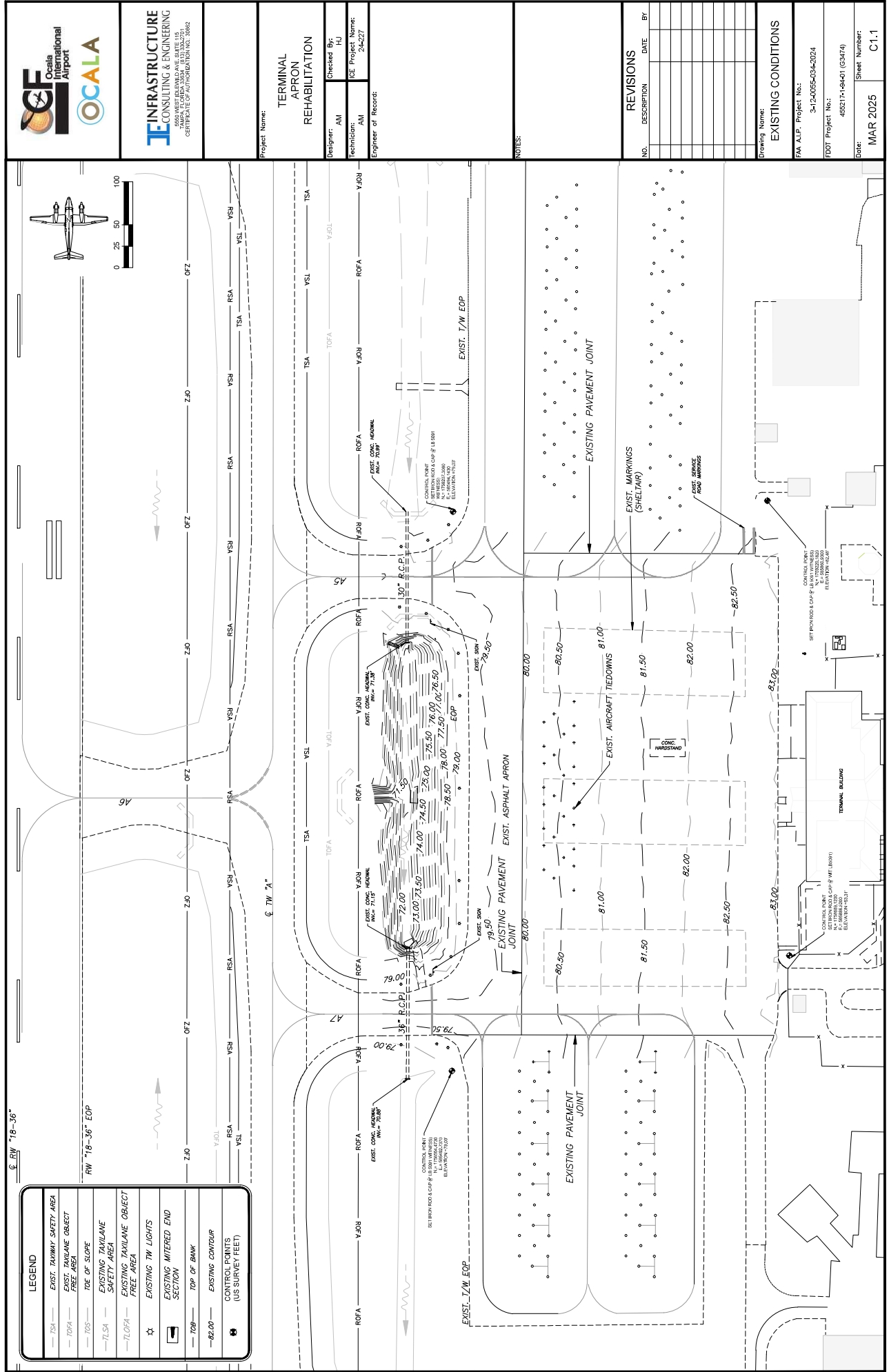
1. THE CONTRACTOR SHALL ADHERE TO THE MAXIMUM ALLOWABLE HEIGHT REQUIREMENTS SHOWN IN THE PLANS. THE CONTRACTOR SHALL COORDINATE ALL EQUIPMENT LOCATIONS WITH THE ENGINEER PRIOR TO CONSTRUCTION.
2. IF THE CONTRACTOR'S OPERATIONS WILL RESULT IN ADDITIONAL AIRSPACE IMPACTS, THE CONTRACTOR SHALL OBTAIN FAA APPROVAL BY SUBMITTING FORM 7460-1, AIRCRAFT OBSTRUCTION INFORMATION, TO THE ENGINEER FOR REVIEW. THE ENGINEER WILL PROPERLY EVALUATE WHETHER ADDITIONAL AIRSPACE IMPACTS ARE LIKELY AND WARRANT THE CONTRACTOR TO FILE A FORM 7460-1. THE ENGINEER'S DECISION SHALL BE FINAL.

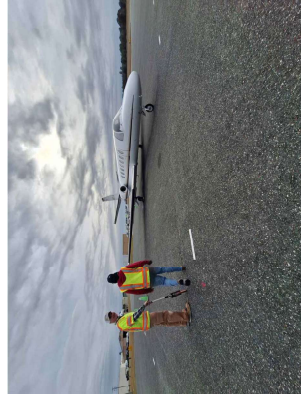
EQUIPMENT HEIGHT RESTRICTION	
OE/AAA POINT NO. (SEE SAFETY AND PHASING PLAN)	MAXIMUM ALLOWABLE EQUIPMENT HEIGHT AT POINT
POINT 1	75.0 (FT)
POINT 2	12.69 (FT)

SEE SHEET G1.1 FOR POINT LOCATIONS

EQUIPMENT HEIGHT RESTRICTION DETAIL

N.T.S.



[illegible]

Drawing Name: EXIST. CONDITIONS - PHOTOS

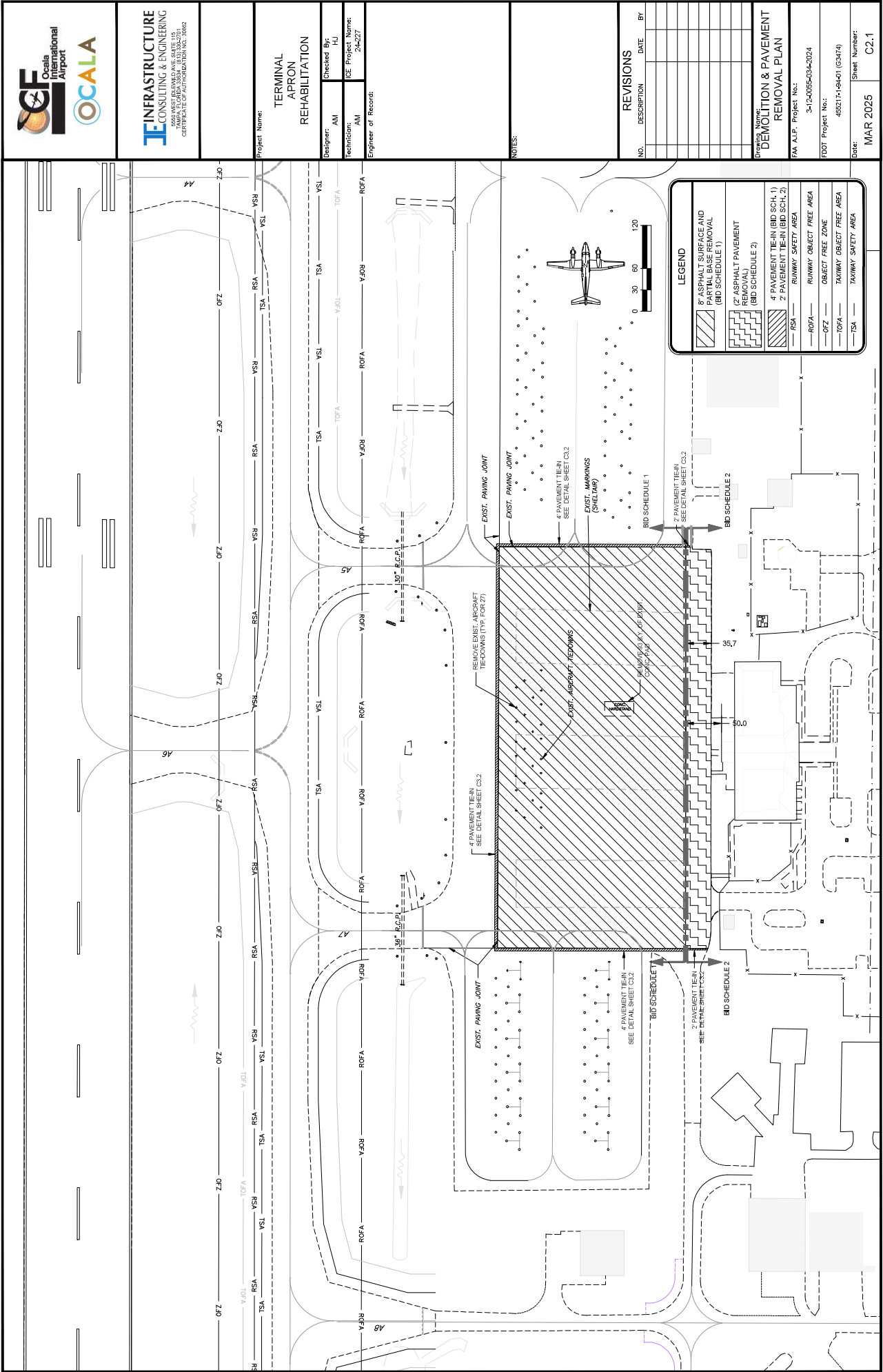
FAA A.I.P. Project No.: 3-12-0055-034-2024

FDOT Project No.: 455217-1-94-01 (G3474)

Date:	MAR 2025	Sheet Number:	C12
-------	----------	---------------	-----

Project Name:		TERMINAL APRON REHABILITATION	
Designer:	AM	Checked By:	HJ
Technician:	AM	ICE Project Name:	24-227
Engineer of Record:			

NOTES:





OCALA

INFRASTRUCTURE

CONSULTING & ENGINEERING

2500 WEST BREVARD AVE. SUITE 115
OCALA, FL 34470
CERTIFICATE OF AUTHORIZATION NO. 38852

Project Name:
**TERMINAL
APRON
REHABILITATION**

Checked By:
AM
HJ
IE Project Name:
24-027
Engineer of Record:

NO.

DESCRIPTION

DATE

BY

Revisions

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

Drawing Name:
**DEMOLITION & PAVEMENT
REMOVAL PLAN**

RAA AJP Project No.:
3-12-005034-2024

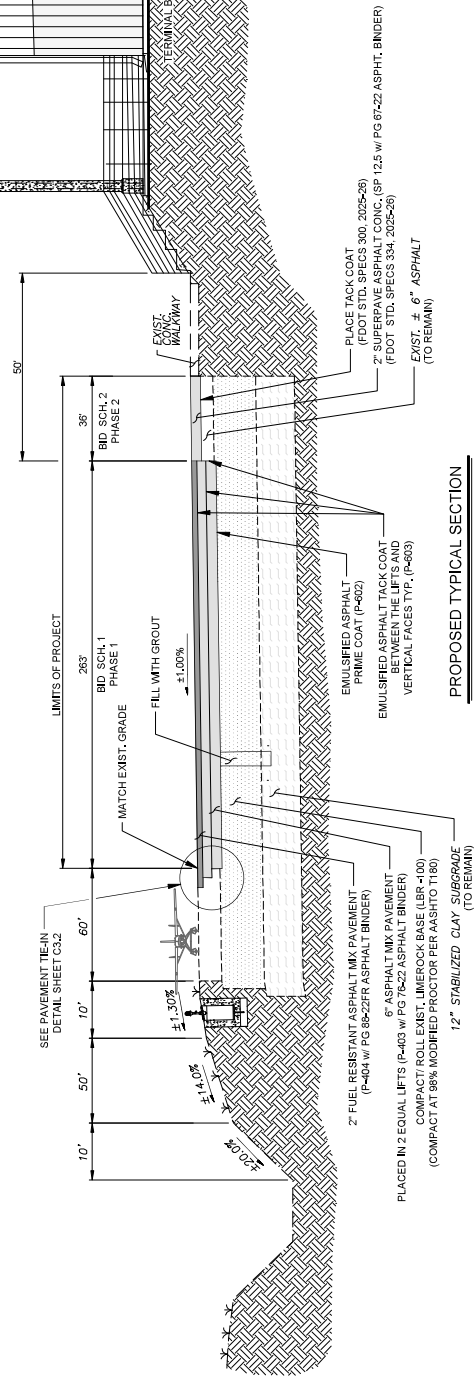
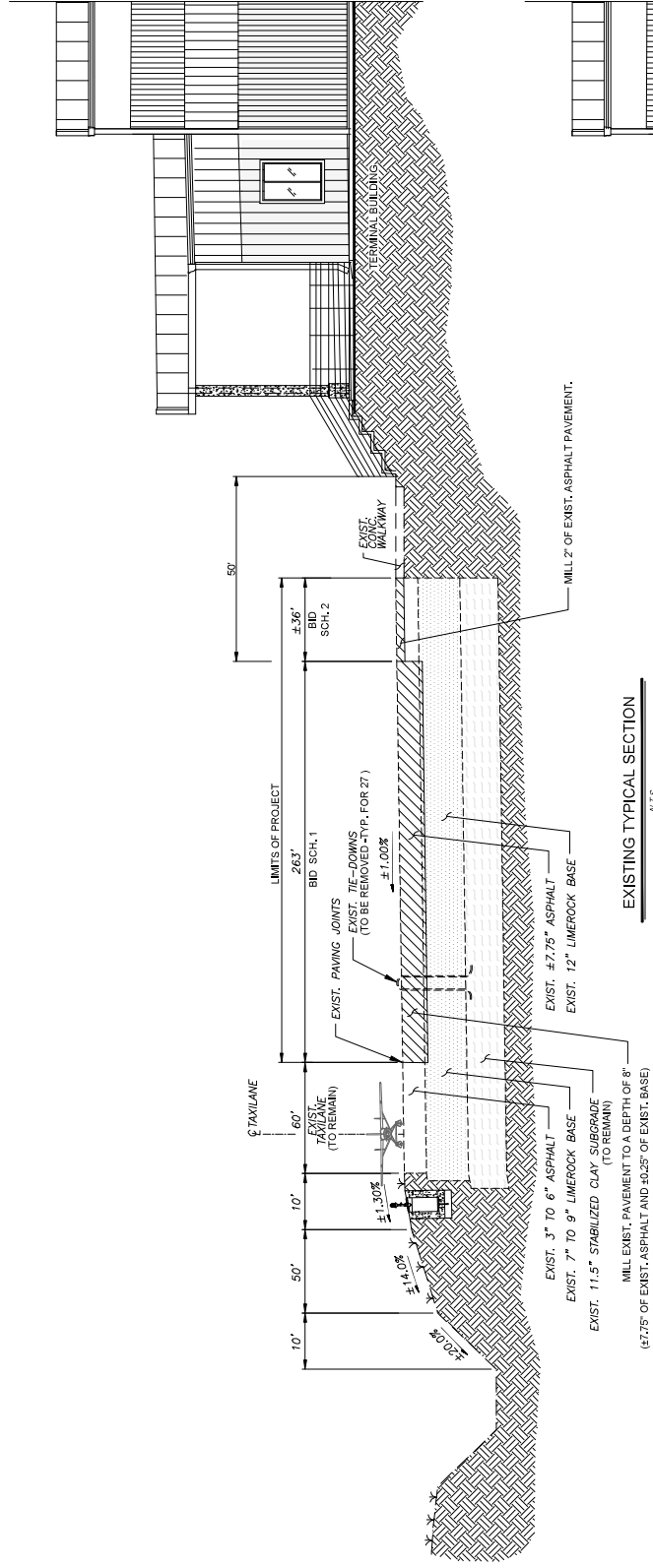
FDOT Project No.:
45521-1-04-01 (G3470)

Date:
MAR 2025

Sheet Number:
C2.1

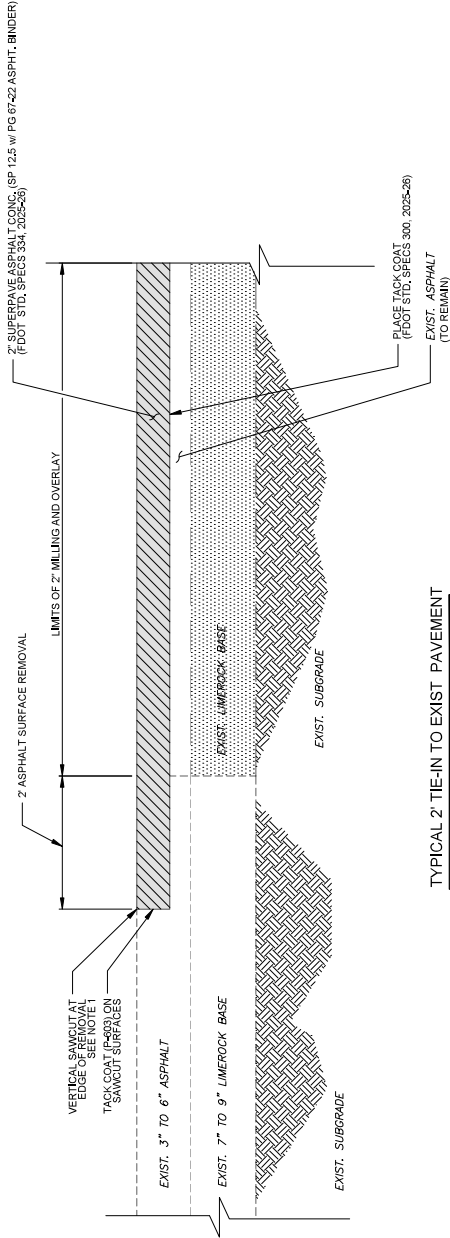
[illegible]

Drawing Name: TYPICAL SECTIONS AND DETAILS	
FAA A.L.P. Project No.: 3-12-00955-034-2024	
FDOT Project No.: 455217-1-94-01 (G3474)	
Date: MAR 2025	Sheet Number: C3.1

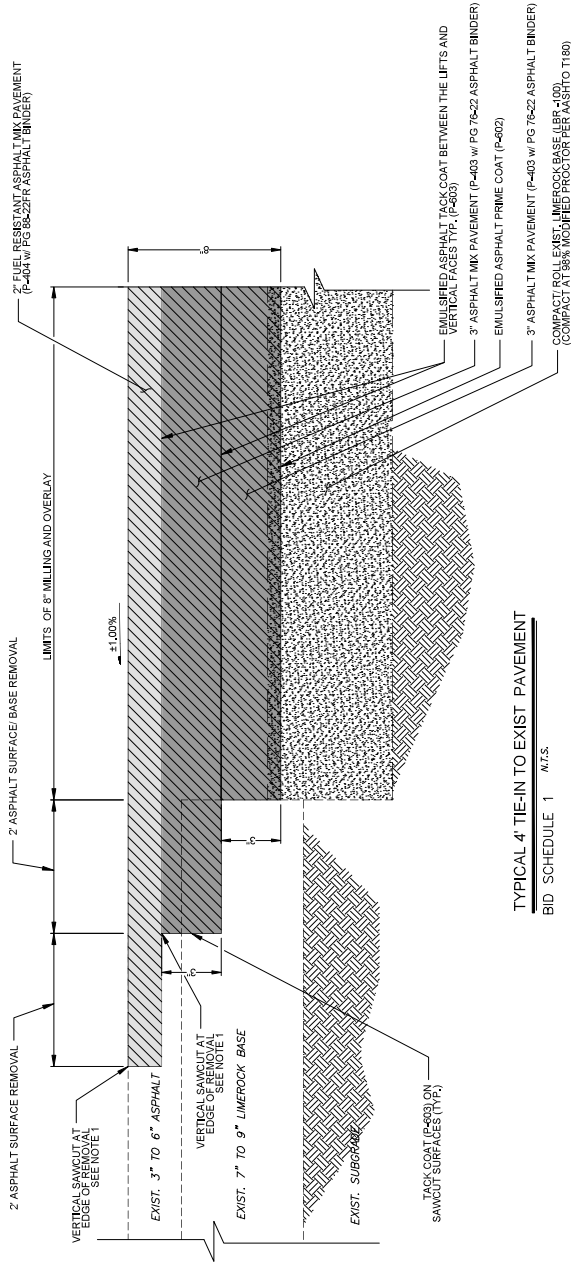


NOTES:

1. SAWCUT EXISTING ASPHALT TO NEAT STRAIGHT (OR CURVED WHERE INDICATED). MAINTAIN EXISTING SURFACE DRAINAGE. MAINTAIN EXISTING PAVEMENT LINES, RAVELING OR DAMAGE AT EDGES THAT ARE UNACCEPTABLE TO THE ENGINEER SHALL BE RESAWCUT FOR ENTIRE LENGTH OF THE JUNCTURE AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE BEFORE PLACEMENT OF THE NEW BASE OR SURFACE COURSE.



TYPICAL 2' TIE-IN TO EXIST PAVEMENT
BID SCHEDULE 2 N.T.S.



TYPICAL 4' TIE-IN TO EXIST PAVEMENT
BID SCHEDULE 1 N.T.S.



INFRASTRUCTURE
CONSULTING & ENGINEERING
4500 WEST BREVILLE AVE. SUITE 115
ORLANDO, FL 32835
CERTIFICATE OF AUTHORIZATION NO. 15882

Project Name:
**TERMINAL
APRON
REHABILITATION**

Designer: AM
Checked By: HJ
Technician: AM
ICE Project Name: 24-027
Engineer of Record:

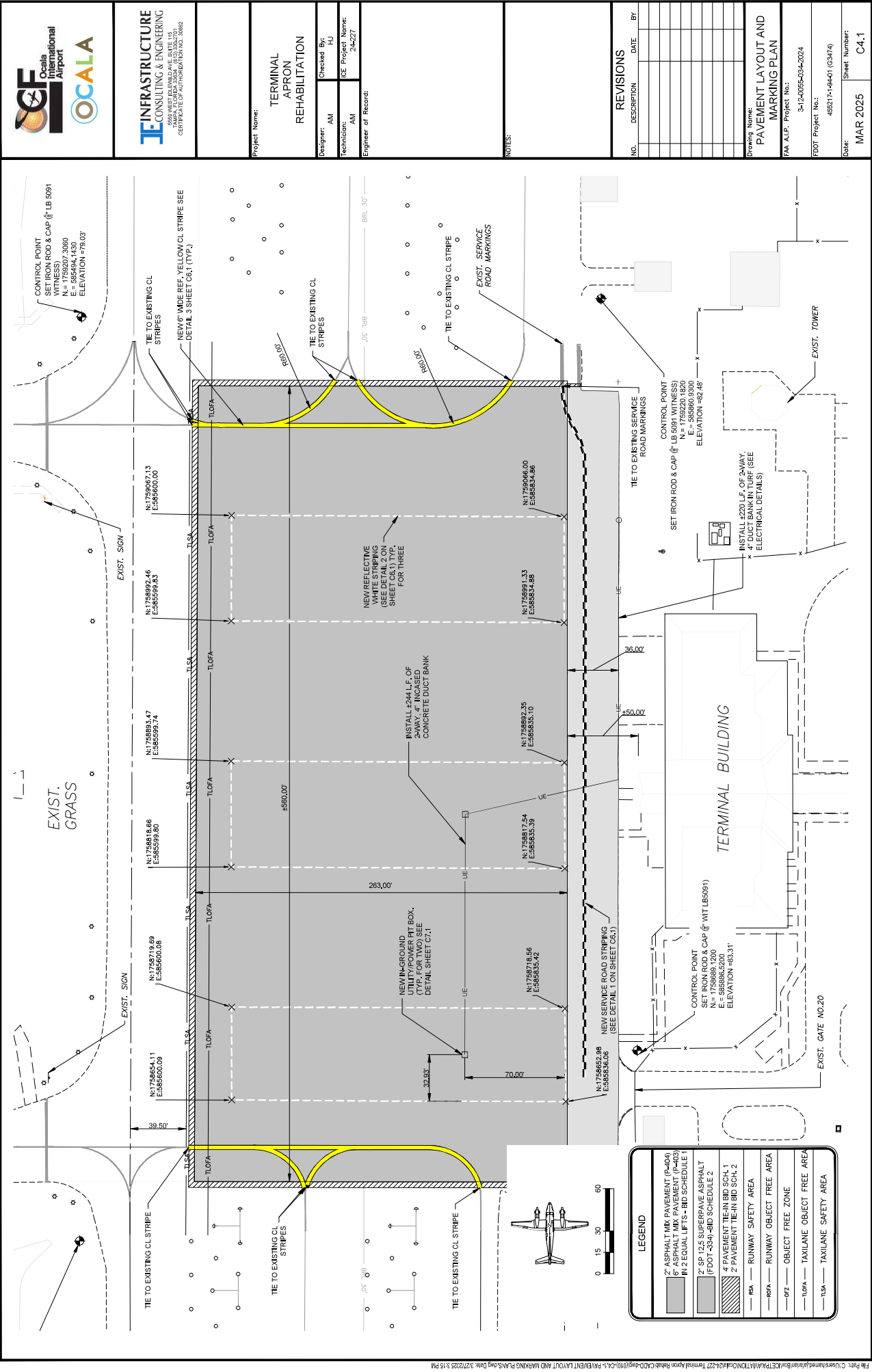
NOTES:

REVISIONS

NO.	DESCRIPTION	DATE	BY

TYPICAL SECTIONS

DMA AJP, Project No.: 3-12-0095-034-2024
FOOT Project No.: 455217-1-94-01 (G3740)
Date: MAR 2025
Sheet Number: C3.2





OCALA
Orlando
International
Airport

INFRASTRUCTURE
CONSULTING & ENGINEERING

5050 WEST BREVARD AVE. SUITE 115
ORLANDO, FL 32835
CERTIFICATE OF AUTHORIZATION NO. 18882

Project Name:

**TERMINAL
APRON
REHABILITATION**

Checked By: AM
HJ

Engineer of Record: AM
24-027

DESIGNER: AM

TECHNICIAN: AM

NOTES:

NO.	DESCRIPTION	DATE	BY

Drawing Name:

**PAVEMENT LAYOUT AND
MARKING PLAN**

PA AJP: Project No.: 3-12-0095-034-2024

FOOT Project No.: 455217-19-001 (G3474)

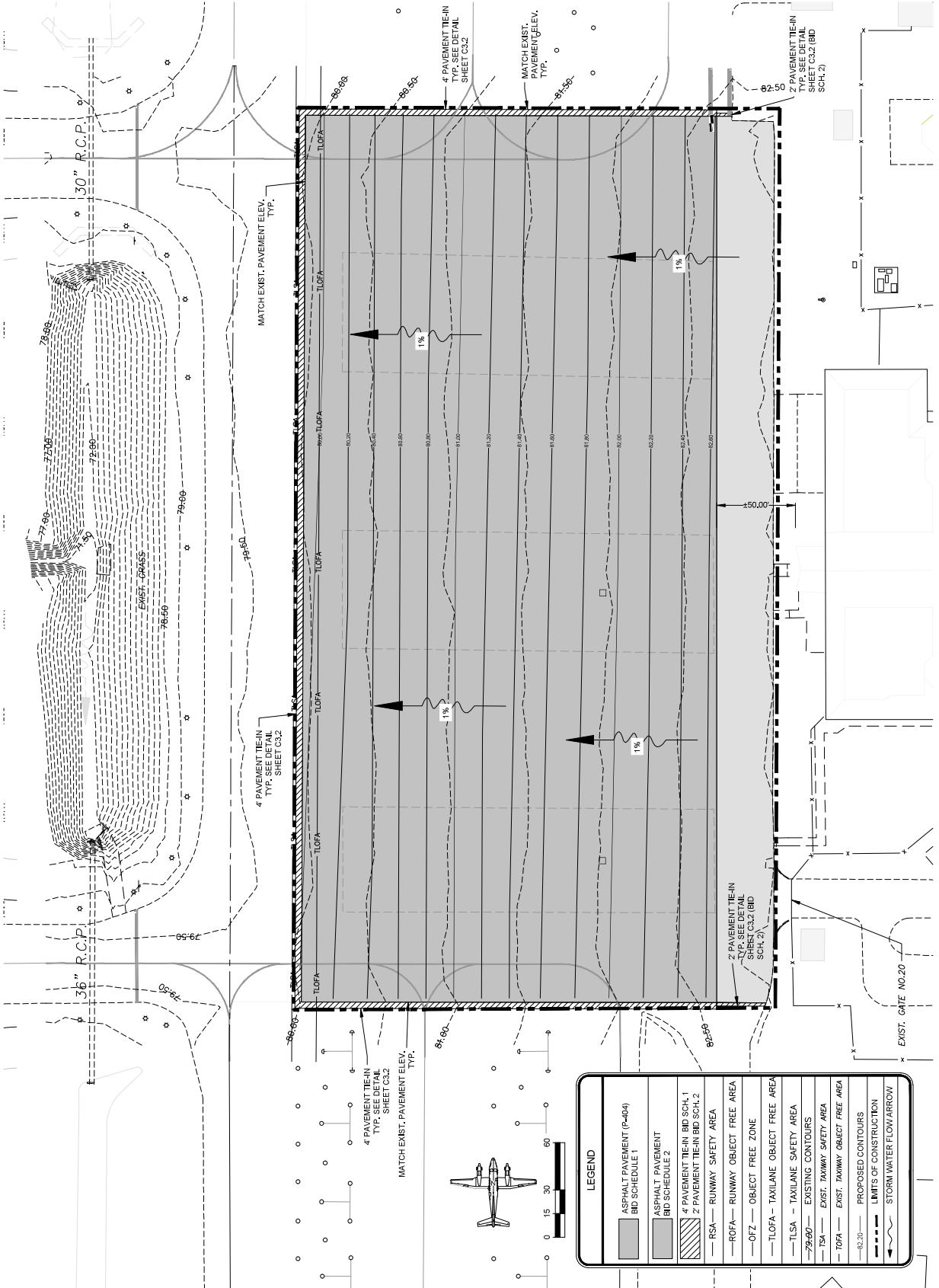
Date: MAR 2025

Sheet Number: C4.1

818 DOCUMENTS (NOT FOR CONSTRUCTION)

[illegible]

Drawing Name: GRADING & DRAINAGE PLAN	
FAA A.I.P. Project No.: 3-12-0095-034-2024	
FDOT Project No.: 455217-194-01 (G3474)	
Date: MAR 2025	Sheet Number: C5.1



Project Name:

TERMINAL APRON REHABILITATION

Designer:

Designer:

Technician:	ICE Project Name:
-------------	-------------------

Engineer

Engineer of Record:

NOTES:

REVISIONS		
NO.	DESCRIPTION	DATE BY

[illegible]

Drawing Name:

MARKING DETAILS

FAA A.I.P. Project No.:

3-12-0055-034-2024

FDOT Project No.:

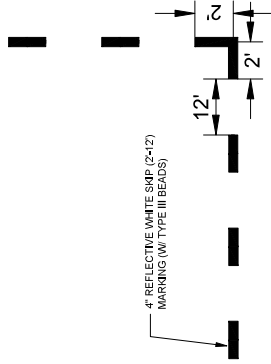
455217-1-94-01 (G3474)

Date:	Sheet Number:
-------	---------------

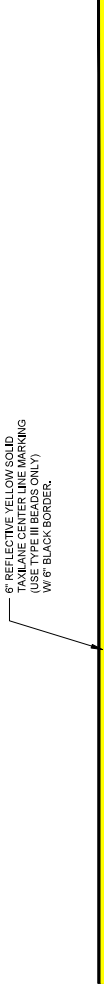
MAR 2025	C6.1
----------	------



1 SERVICE ROAD STRIPING DETAIL



2. SHELTAIR AIRCRAFT CONFINEMENT AREA MARKING



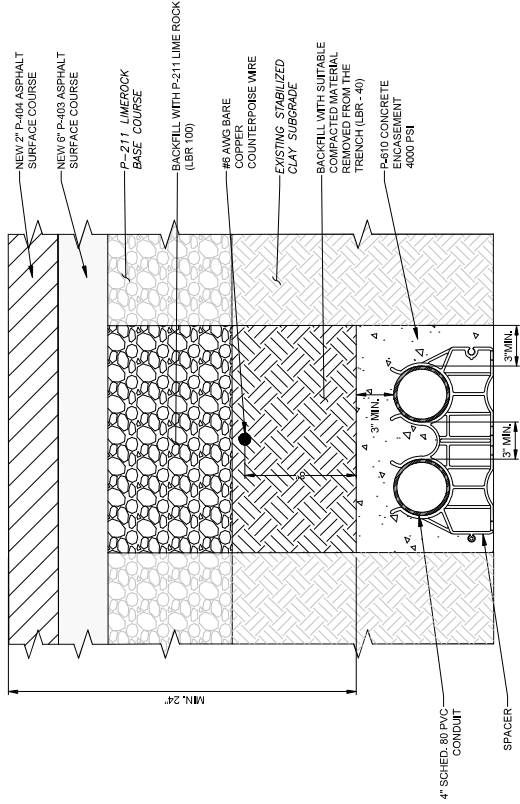
3 TAXILANE CENTERLINE MARKING



- WATERPROOF CORRUGATED HATCH
- REFLECTIVE RED CAUTION MARKING
- EXPANSION JOINT
- P-210 CONCRETE FRAME
- POWER OUTLET / FRAME
- RECEPTACLE TO MATCH

NEW UNDERGROUND HATCH MINI PIT SYSTEM FULL ASSEMBLY

- NOTES:
- REQUIRED 50 HZ AC POWER NEW AIRCRAFT SOCKETS ARE FITTED TO UPPER PART OF THE HATCH FOR EASE OF OPERATION, REQUIRED TO HAVE ONLY ONE A MAIN POWER DISCONNECT BREAKER.
 - WATERPROOF CORRUGATED HATCH, LOAD CAPACITY, F800 (80T.MP).
 - REQUIRED TO HAVE WATER / SUMP PUMP WATER LEVEL DETECTOR.
 - ALL COMPONENTS SHALL BE EXPLOSION PROOF.
 - EXPLOSION PROOF CABLES WILL BE PROVIDED AND INSTALL BY OTHERS.
 - ALL COMPONENTS SHALL BE ATEX UL CERTIFIED AND MEET NFPA 70 (NEC), NFPA 415, AND FAA REQUIREMENTS.

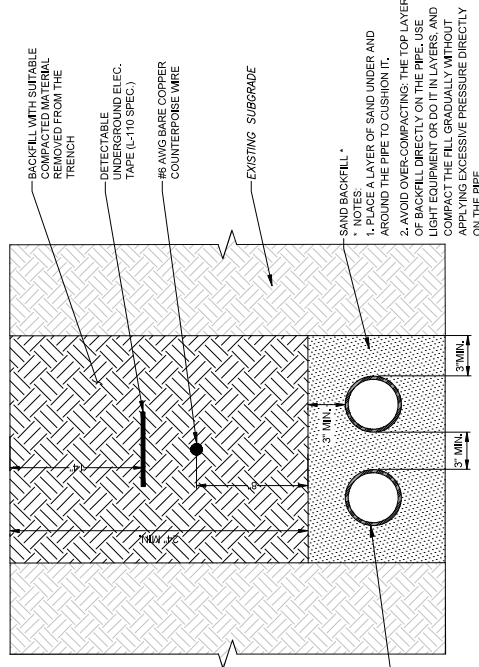


2-WAY, 4" DUCT BANK IN FULL-STRENGTH PAVEMENT

- NOTES:
- COST OF TRENCHING, EXCAVATION, AND COMPACTION SHALL BE INCIDENTAL TO THE L-1045 PAY ITEM NUMBER, (BD SCHEDULE 1)



EXIST. 60A 3 PHASE, 250VAC OUTLET, GPU & MAIN BREAKER PANEL PHOTOS



2-WAY, 4" DUCT BANK IN TURF

- NOTES:
- COST OF TRENCHING, EXCAVATION, AND COMPACTION, AND DETECTABLE UNDERGROUND TAPES SHALL BE INCIDENTAL TO THE L-1104 PAY ITEM NUMBER, (BD SCHEDULE 3)

 OCA Consulting & Engineering 2500 WEST BEND AVENUE, SUITE 115 COSTA MESA, CALIFORNIA 92626			
Project Name: TERMINAL APRON REHABILITATION			
Design: AM	Checked By: HJ		
Technician: AM	CE Project Name: 24-027		
Engineer of Record:			
NOTES:			
REVISIONS			
NO.	DESCRIPTION	DATE	BY
ELECTRICAL DETAILS			
Drawing Name:			
FMA AJP Project No.: 3-12-0055-034-2024			
FOOT Project No.: 45521-1-04-01 (G3740)			
Date: MAR 2025			
Sheet Number: C7.1			