

PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

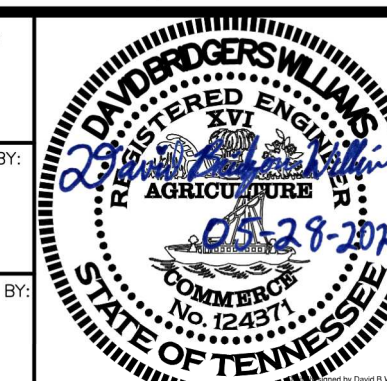
PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

**MEM
 AIRFIELD SIGNAGE
 REPLACEMENT**

SHEET TITLE:

SUMMARY OF
 QUANTITIES

DWG. FILE NAME

18-1415-00-003.DWG

DATE

SHEET NO.

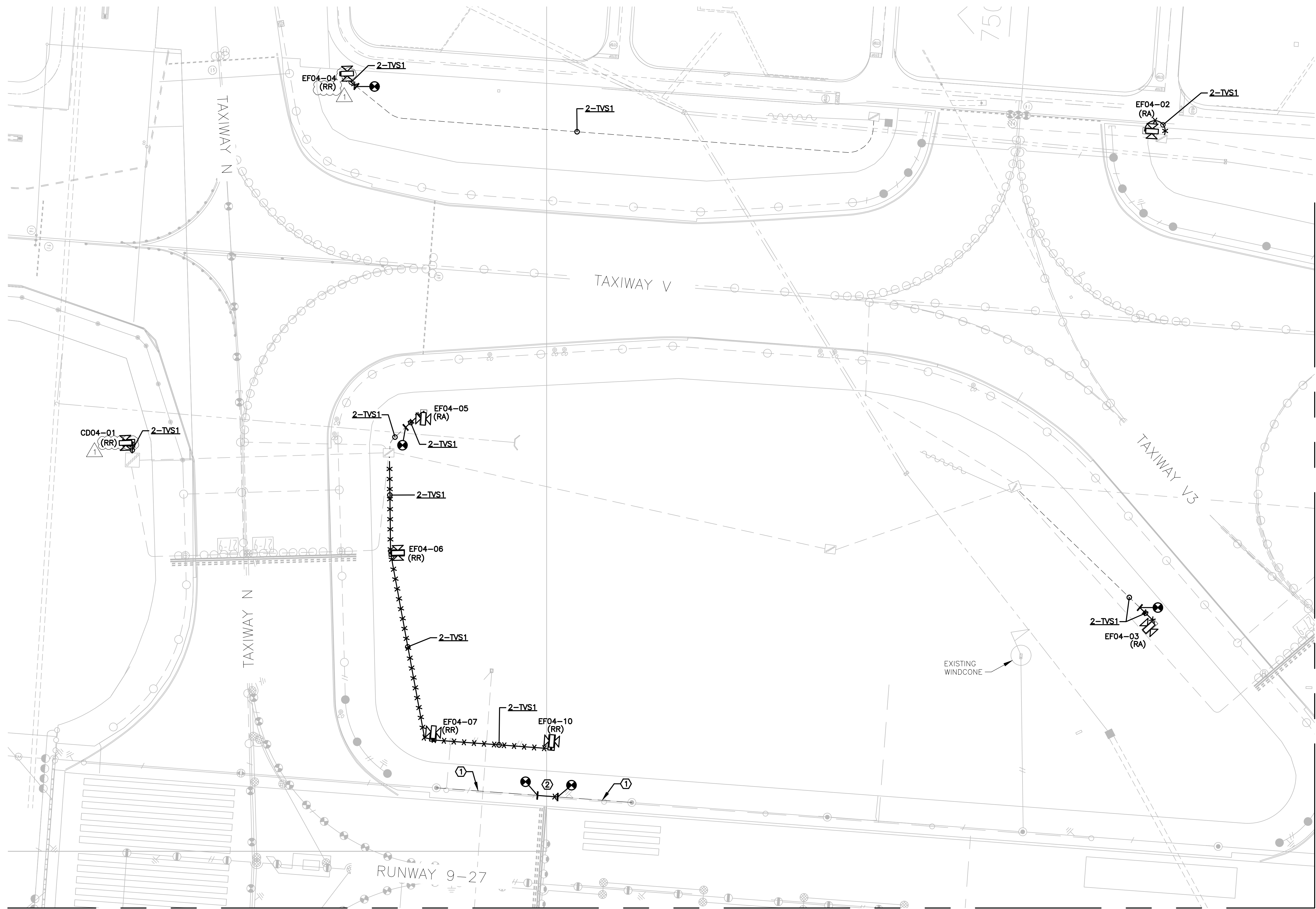
03/26/2021

003

SCALE

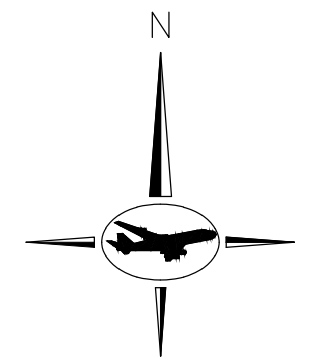
NOT TO SCALE

SUMMARY OF QUANTITIES				
ITEM	SPEC	DESCRIPTION	QTY	UNIT
1	L-104-6.1	TEMPORARY AIRFIELD LIGHTING JUMPERS - COMPLETE	1	LS
2	L-105-8.1	REMOVE EXISTING AIRFIELD GUIDANCE SIGN. FOUNDATION TO REMAIN	29	EA
3	L-105-8.2	REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND FOUNDATION	256	EA
4	L-105-8.3	REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND PARTIAL FOUNDATION	190	EA
5	L-105-8.4	REMOVE EXISTING 1-WAY, 2" DUCT IN PAVED AREA	1003	LF
6	L-105-8.5	REMOVE EXISTING 1-WAY, 2" DUCT IN UNPAVED AREA	19149	LF
7	L-105-8.6	REMOVE EXISTING AIRFIELD CABLE IN CONDUIT OR DUCT	83815	LF
8	L-108-5.1	NO. 8 AWG, 5KV, TYPE C CABLE, INSTALLED IN DUCT BANK OR CONDUIT	132040	LF
9	L-108-5.2	NO. 6 AWG, SOLID, BARE COPPER COUNTERPOISE WIRE, INSTALLED ABOVE THE DUCT BANK OR CONDUIT, INCLUDING CONNECTIONS/TERMINATIONS	29398	LF
10	L-110-5.1	P-153 CLSM ENCASED ELECTRICAL CONDUIT, 1-WAY, 2"C, TRENCHED THROUGH EXISTING PAVEMENT	3496	LF
11	L-110-5.2	ELECTRICAL CONDUIT, 1-WAY, 2"C, INSTALLED UNDER TURF	28319	LF
12	L-110-5.3	SMOOTH WALL HDPE DIRECTIONAL BORED ELECTRICAL CONDUIT	1735	LF
13	L-115-5.1	ELECTRICAL JUNCTION BASE "PULLCAN" L-867B (SINGLE SECTION, 12" DIA, 24" DEEP) INSTALLED IN TURF	18	EA
14	L-115-5.2	ELECTRICAL JUNCTION BASE "PULLCAN" L-867B (MULTIPLE SECTION, 12" DIA, 24" DEEP) INSTALLED IN PAVED SHOULDER	35	EA
15	L-125-5.1	FURNISH AND INSTALL AIRFIELD GUIDANCE SIGN ON EXISTING FOUNDATION	28	EA
16	L-125-5.2	FURNISH AND INSTALL AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION	190	EA
17	L-125-5.3	FURNISH AND INSTALL AIRFIELD GUIDANCE SIGN AND FOUNDATION	276	EA
18	P-620-5.1	PAVEMENT MARKING TYPE I, GRADATION A REFLECTIVE BEADS	535	SF
19	P-620-5.2	PAVEMENT MARKING WITH TYPE II REFLECTIVE BEADS	8310	SF
20	P-620-5.3	PAVEMENT MARKING WITHOUT REFLECTIVE BEADS	7975	SF
21	P-620-5.4	SURFACE PAINTED HOLD POSITION SIGN	8	EA
22	P-620-5.5	EXISTING PAINT MARKING REMOVAL	19340	SF
23	P-620-5.6	GEOGRAPHIC POSITION MARKING	1	EA



MATCHLINE - SHEET 017

MATCHLINE - SHEET 024



GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE CSPP AND SHEETS 004 THRU 011 FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. WHERE SIGNS ARE REMOVED FROM CIRCUITS, PROVIDE NEW L-823 CONNECTORS TO COMPLETE THE PRIMARY 5KV CIRCUIT.

KEYED NOTES:

- ① DISCONNECT AND REMOVE PRIMARY 5KV CABLE BACK TO NEAREST JUNCTION LIGHT BASE. PROVIDE L-823 CONNECTOR FOR FUTURE CONNECTION.
- ② CORE DRILL THROUGH SHOULDER PAVEMENT TO PREPARE FOR NEW BASE CAN. SEE DETAIL ON SHEET 176 FOR ADDITIONAL INFORMATION.



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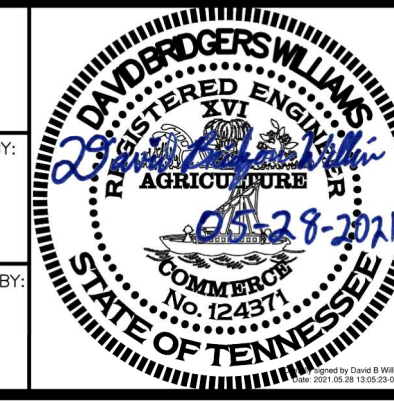
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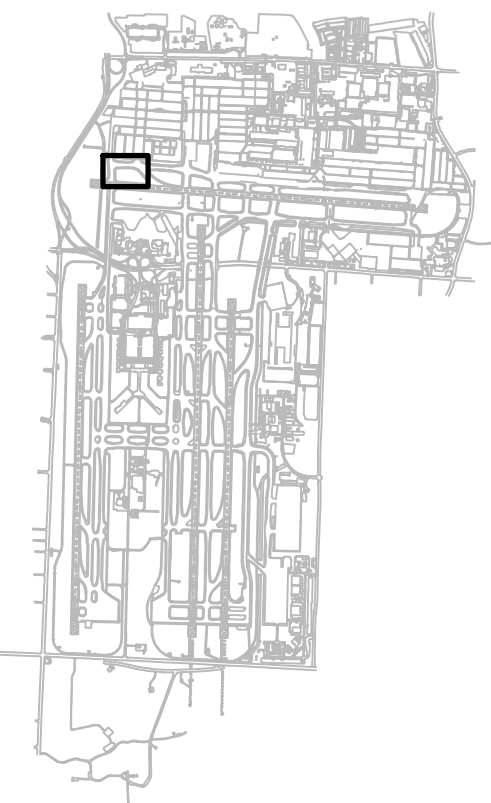
DBW

APPROVED BY:

DBW



KEY MAP:



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
DEMOLITION AREA PLAN

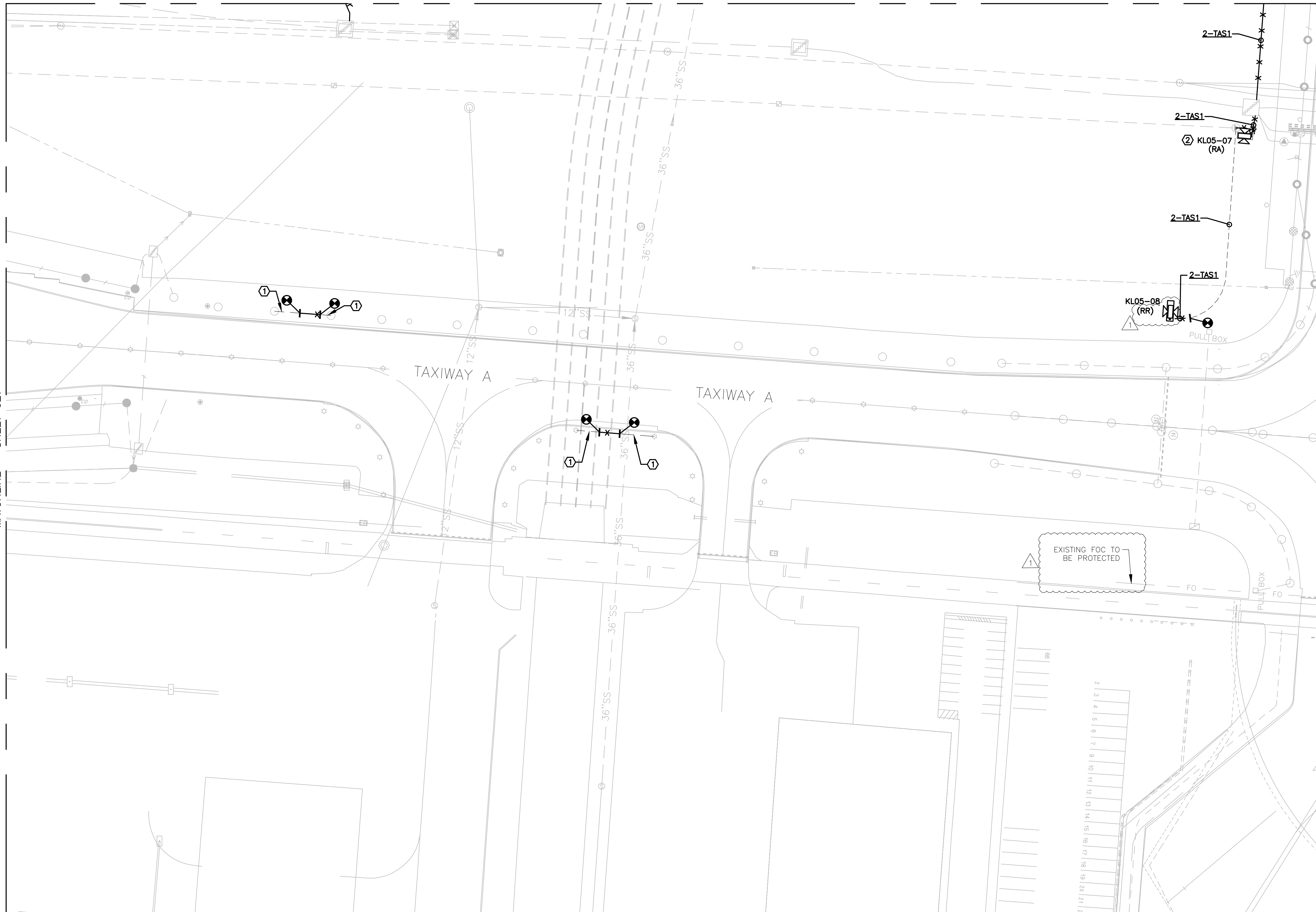
DWG. FILE NAME 18-1415-00-016TO074.DWG	
DATE 03/26/2021	SHEET NO. 016
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MATCHLINE - SHEET 020

MATCHLINE - SHEET 021

MATCHLINE - SHEET 027

MATCHLINE - SHEET 029

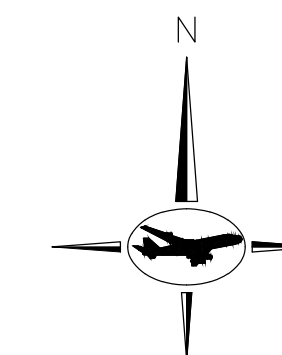
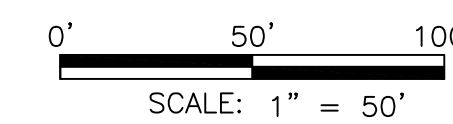


GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE CSPP AND SHEETS 007 THRU 006 FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. WHERE SIGNS ARE REMOVED FROM CIRCUITS, PROVIDE NEW L-823 CONNECTORS TO COMPLETE THE PRIMARY 5KV CIRCUIT.

KEYED NOTES:

- ① DISCONNECT AND REMOVE PRIMARY 5KV CABLE BACK TO NEAREST JUNCTION LIGHT BASE. PROVIDE L-823 CONNECTORS FOR FUTURE CONNECTION.
- ② DISCONNECT AND REMOVE PRIMARY 5KV CABLE BACK TO NEAREST JUNCTION BASE CAN. CABLE SHALL NOT BE REUSED. PROVIDE NEW L-823 PRIMARY CONNECTORS IN JUNCTION BASE CAN TO EXTEND CIRCUIT.



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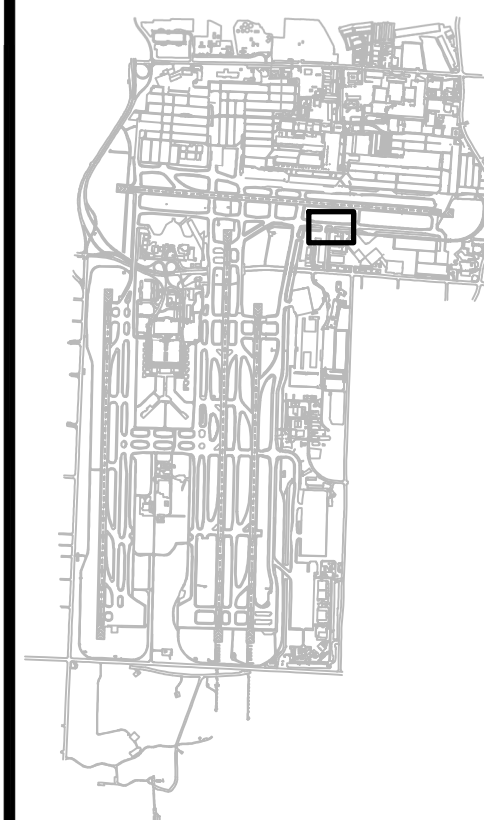
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KEY MAP:



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MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

DEMOLITION AREA PLAN

DWG. FILE NAME

18-1415-00-016TO074.DWG

DATE

03/26/2021

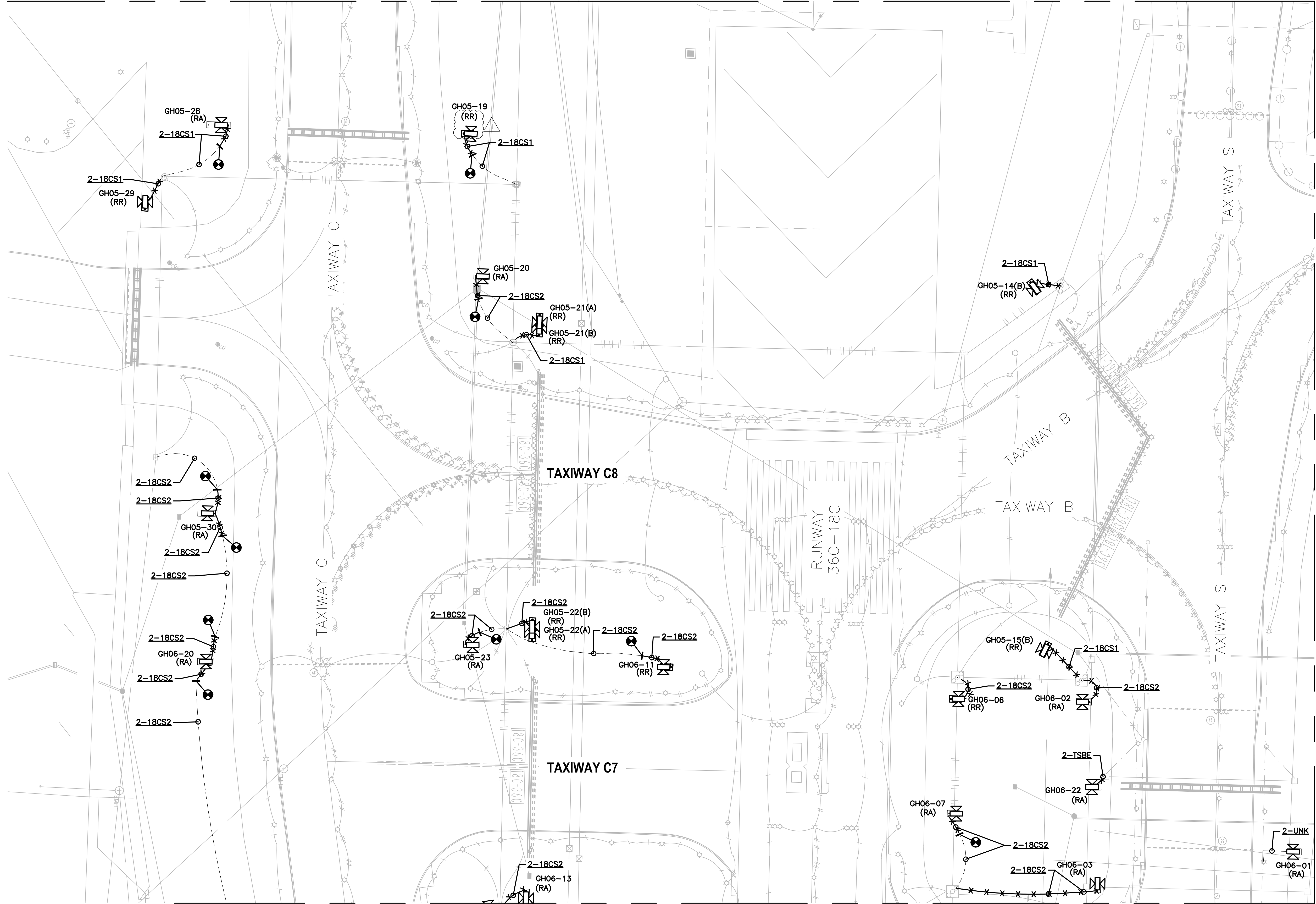
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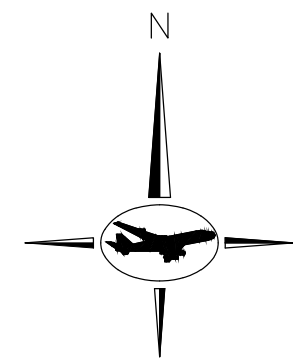
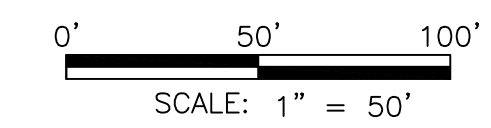
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CONSTRUCTION DOCUMENTS



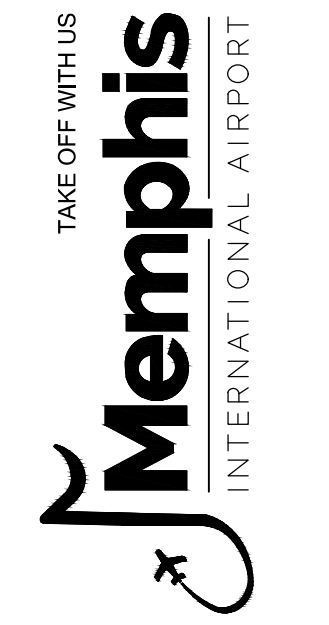
MATCHLINE - SHEET 046

MATCHLINE - SHEET 047



GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE CSPP AND SHEETS 007 THRU 006 FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. WHERE SIGNS ARE REMOVED FROM CIRCUITS, PROVIDE NEW L-823 CONNECTORS TO COMPLETE THE PRIMARY 5KV CIRCUIT.



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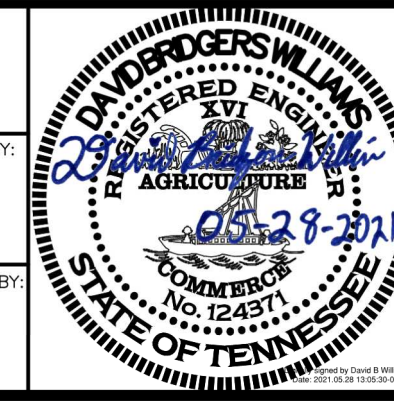
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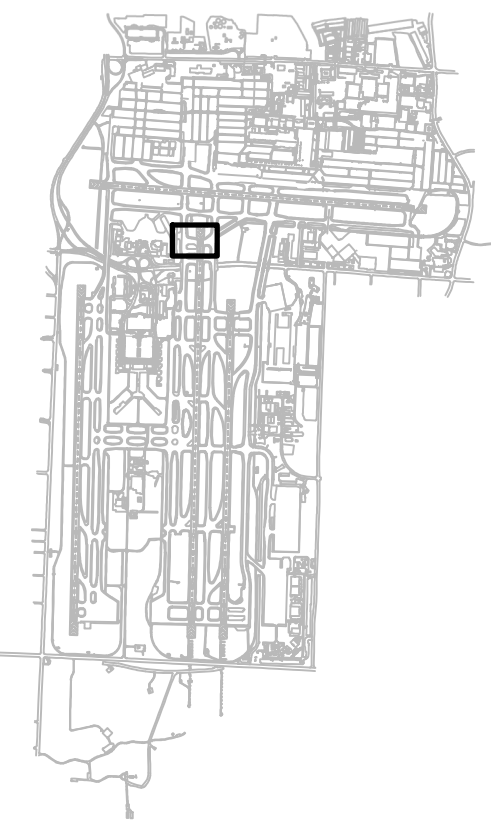
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KEY MAP:



REVISIONS		
MARK	DATE	DESCRIPTION
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Δ	05/27/21	ADDENDUM #1

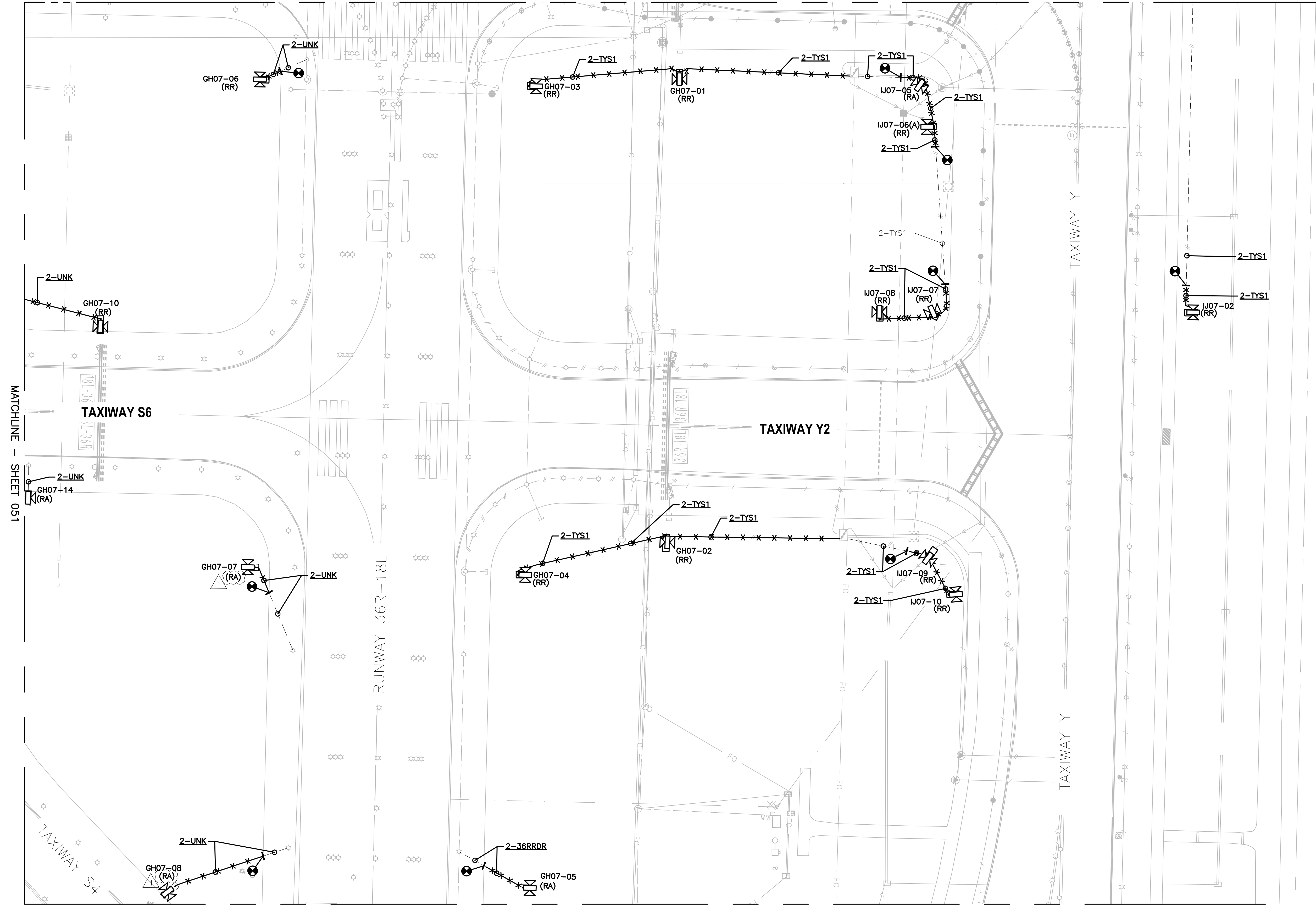
MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

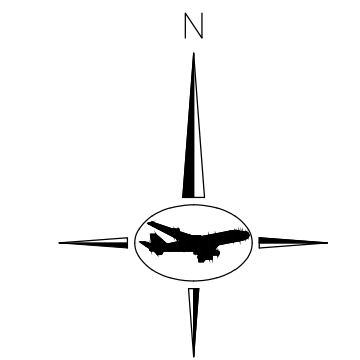
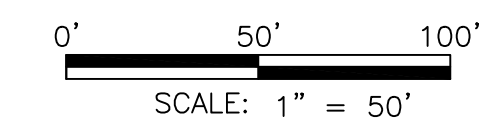
DEMOLITION AREA PLAN

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18-1415-00-016T0074.DWG	
DATE	SHEET NO.
03/26/2021	045
SCALE	
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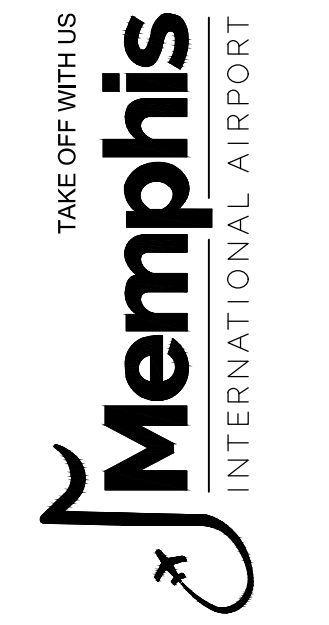
MATCHLINE - SHEET 051

MATCHLINE - SHEET 054



GENERAL NOTES:

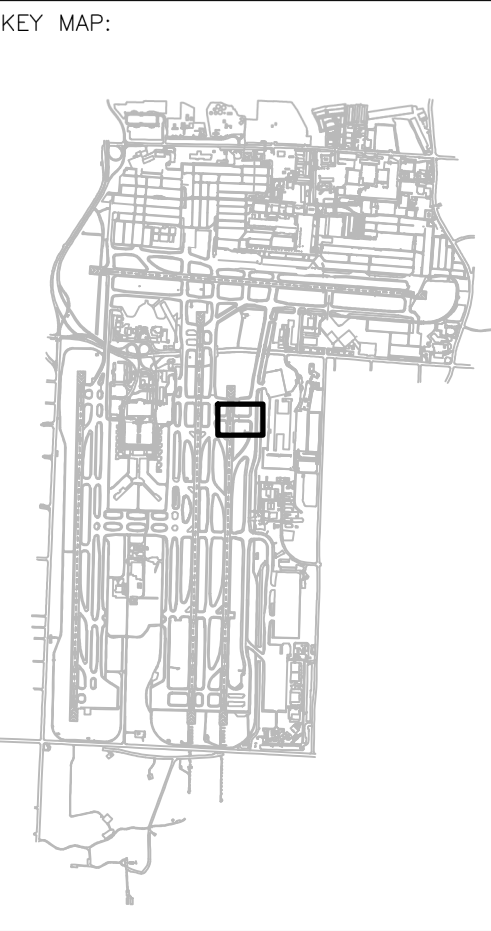
- A. REFER TO DRAWING NUMBERS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE CSPP AND SHEETS 007 THRU 006 FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. WHERE SIGNS ARE REMOVED FROM CIRCUITS, PROVIDE NEW L-823 CONNECTORS TO COMPLETE THE PRIMARY 5KV CIRCUIT.



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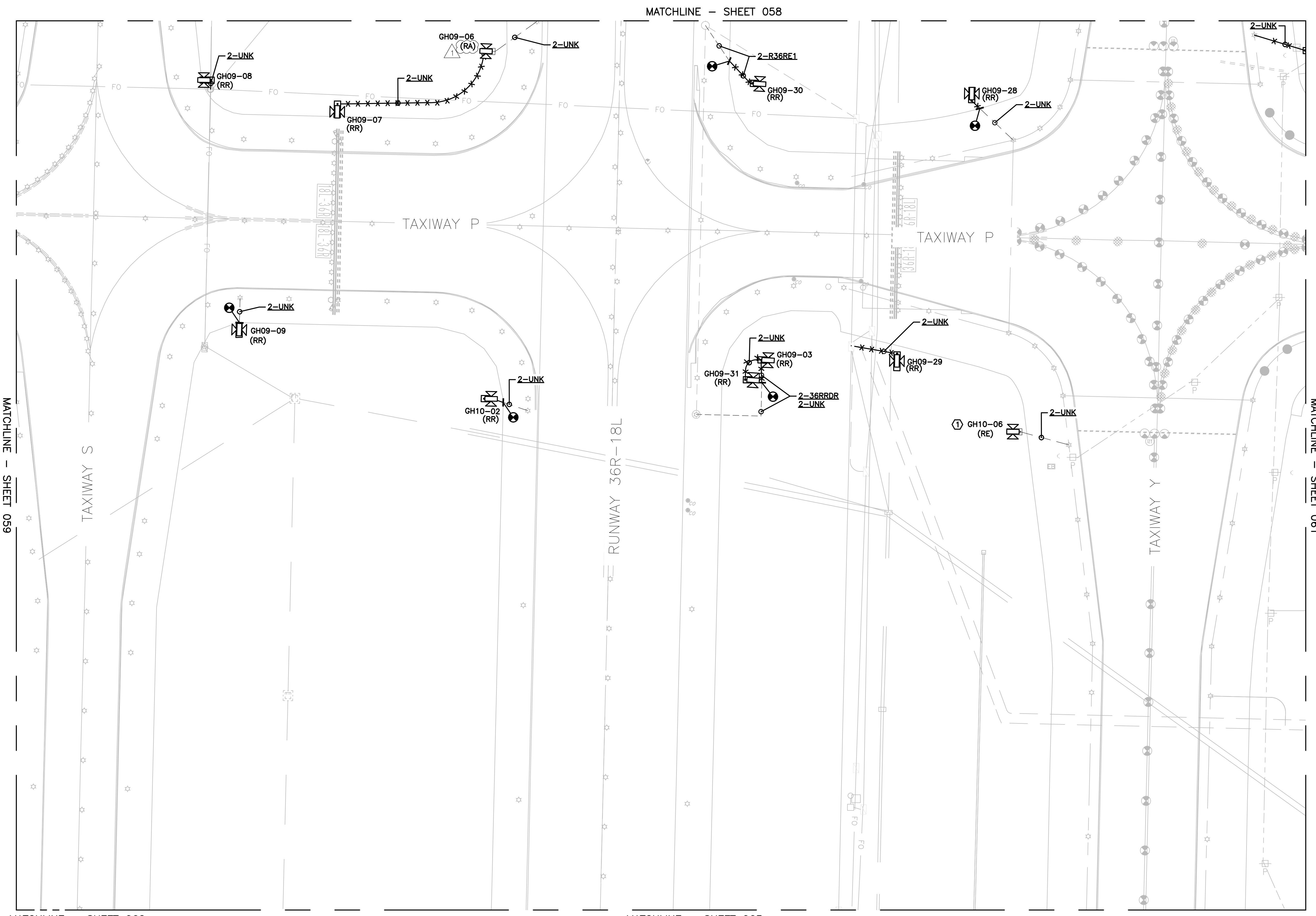
MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
DEMOLITION AREA PLAN

DWG. FILE NAME:
18-1415-00-016T0074.DWG

DATE	SHEET NO.
03/26/2021	052
SCALE: 1:50	



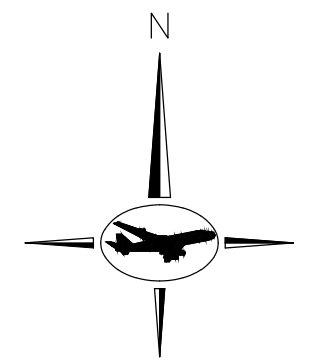
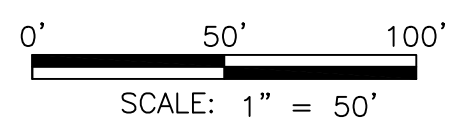
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MATCHLINE - SHEET 061

MATCHLINE - SHEET 062

MATCHLINE - SHEET 063



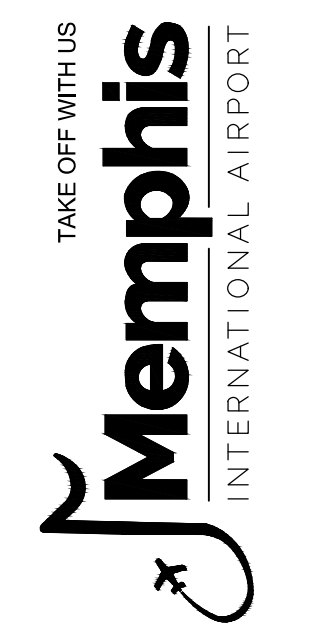
GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE CSPP AND SHEETS 007 THRU 006 FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.

- C. WHERE SIGNS ARE REMOVED FROM CIRCUITS, PROVIDE NEW L-823 CONNECTORS TO COMPLETE THE PRIMARY 5KV CIRCUIT.

KEYED NOTES:

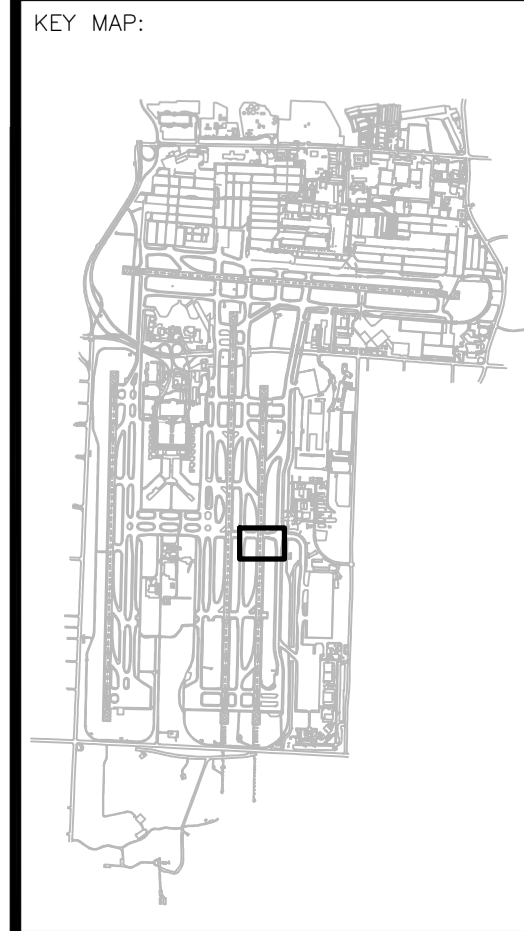
- ① DISCONNECT AND REMOVE PRIMARY 5KV CABLE BACK TO NEAREST JUNCTION BASE CAN. CABLE SHALL NOT BE REUSED. PROVIDE NEW L-823 PRIMARY CONNECTORS IN JUNCTION BASE CAN TO EXTEND CIRCUIT.



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DRAWN BY: PAT
 CHECKED BY: [Signature]
 DBW
 APPROVED BY: [Signature]
 DBW



REVISIONS

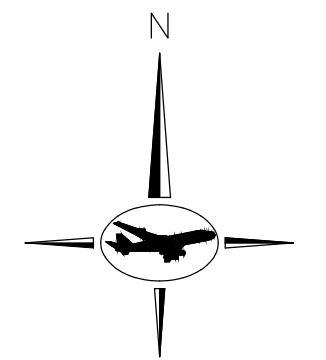
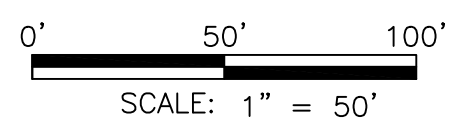
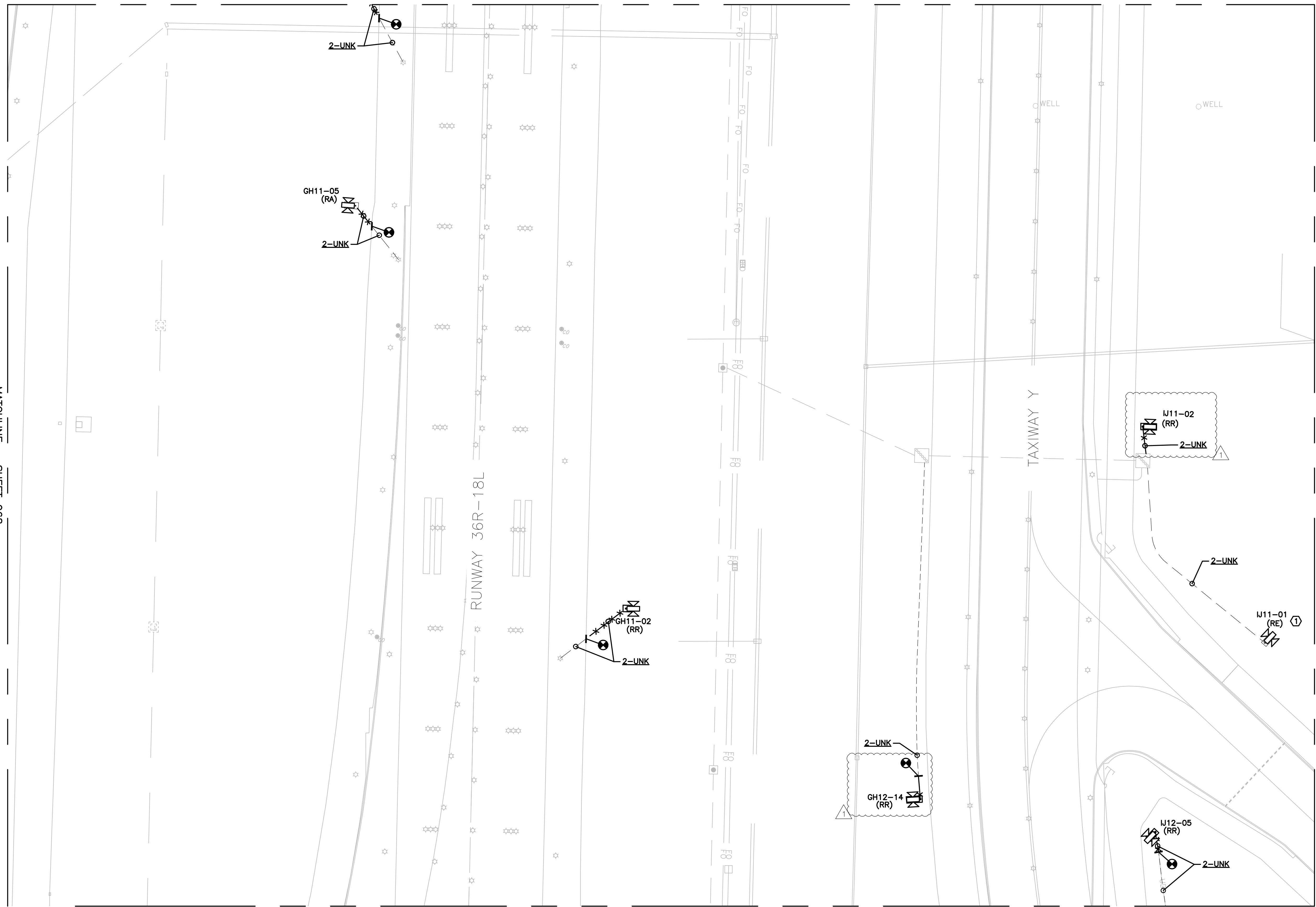
MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
DEMOLITION AREA PLAN

DWG. FILE NAME:
18-1415-00-016T0074.DWG
 DATE: 03/26/2021
 SCALE: 1:50
 SHEET NO.: 060



GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE CSPP AND SHEETS 007 THRU 006 FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. WHERE SIGNS ARE REMOVED FROM CIRCUITS, PROVIDE NEW L-823 CONNECTORS TO COMPLETE THE PRIMARY 5KV CIRCUIT.

KEYED NOTES:

- ① DISCONNECT AND REMOVE PRIMARY 5KV CABLE BACK TO NEAREST JUNCTION BASE CAN. CABLE SHALL NOT BE REUSED. PROVIDE NEW L-823 PRIMARY CONNECTORS IN JUNCTION BASE CAN TO EXTEND CIRCUIT.

PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

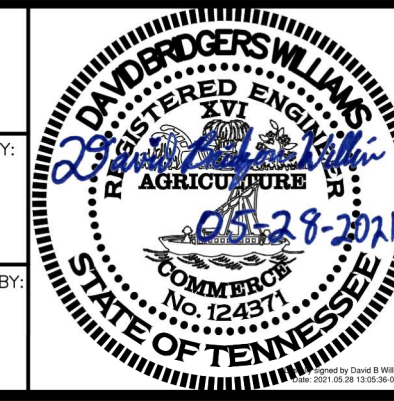
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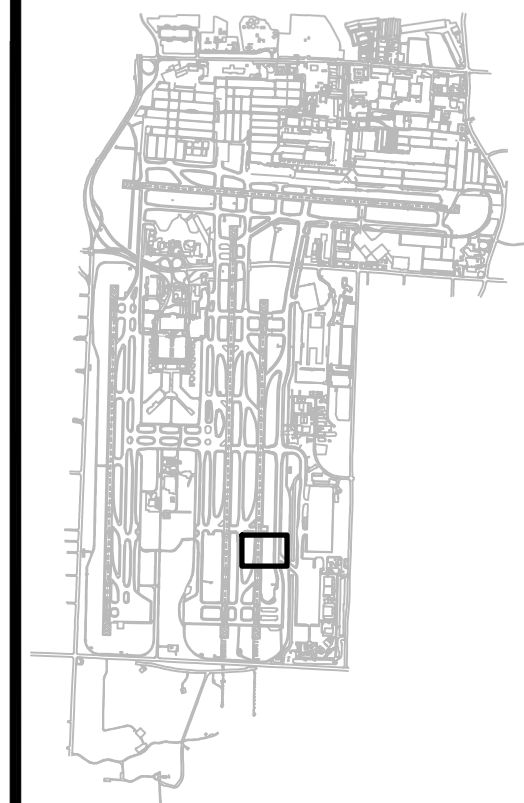
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APPROVED BY:

DBW



KEY MAP:



REVISIONS

MARK	DATE	DESCRIPTION
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MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

DEMOLITION AREA PLAN

DWG. FILE NAME

18-1415-00-016TO074.DWG

DATE

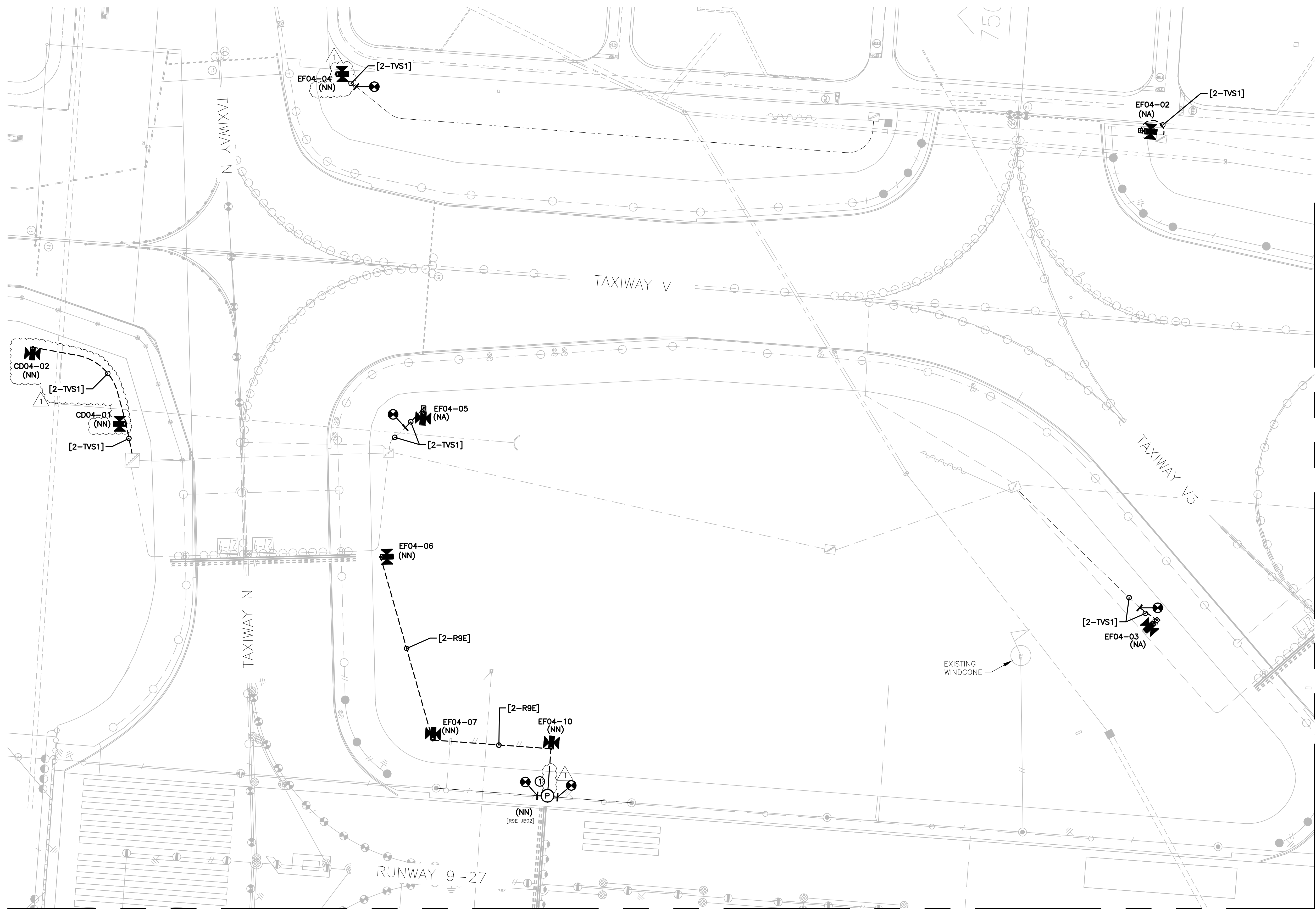
SHEET NO.

03/26/2021

069

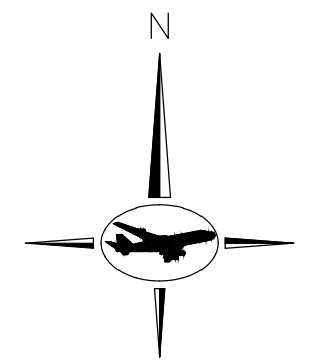
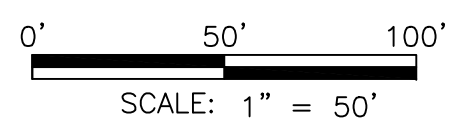
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1:50



MATCHLINE - SHEET 076

MATCHLINE - SHEET 083

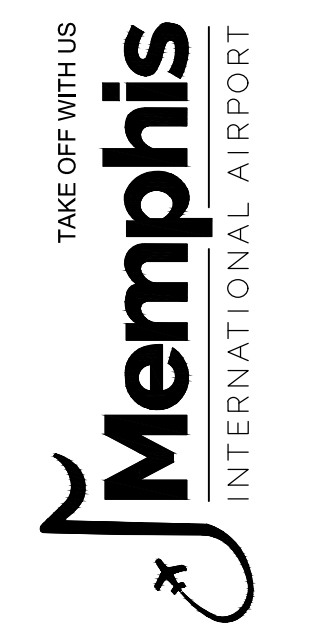


GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

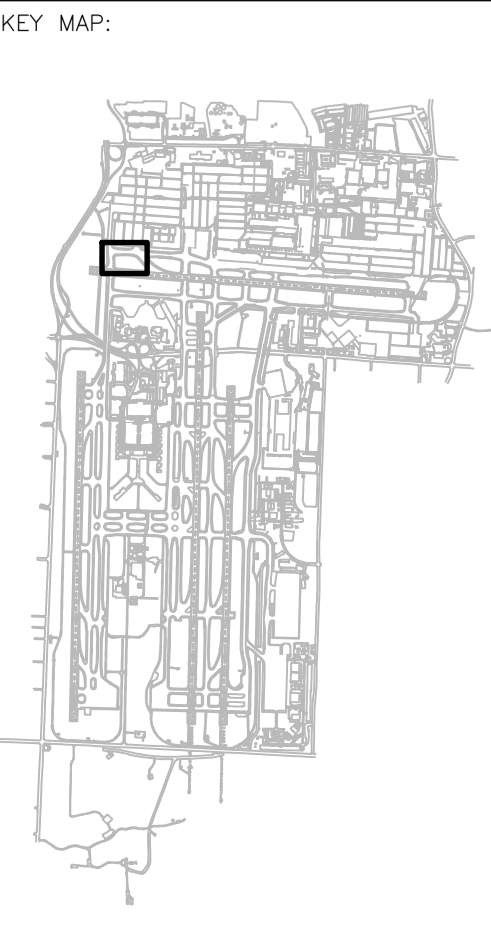
- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.



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MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

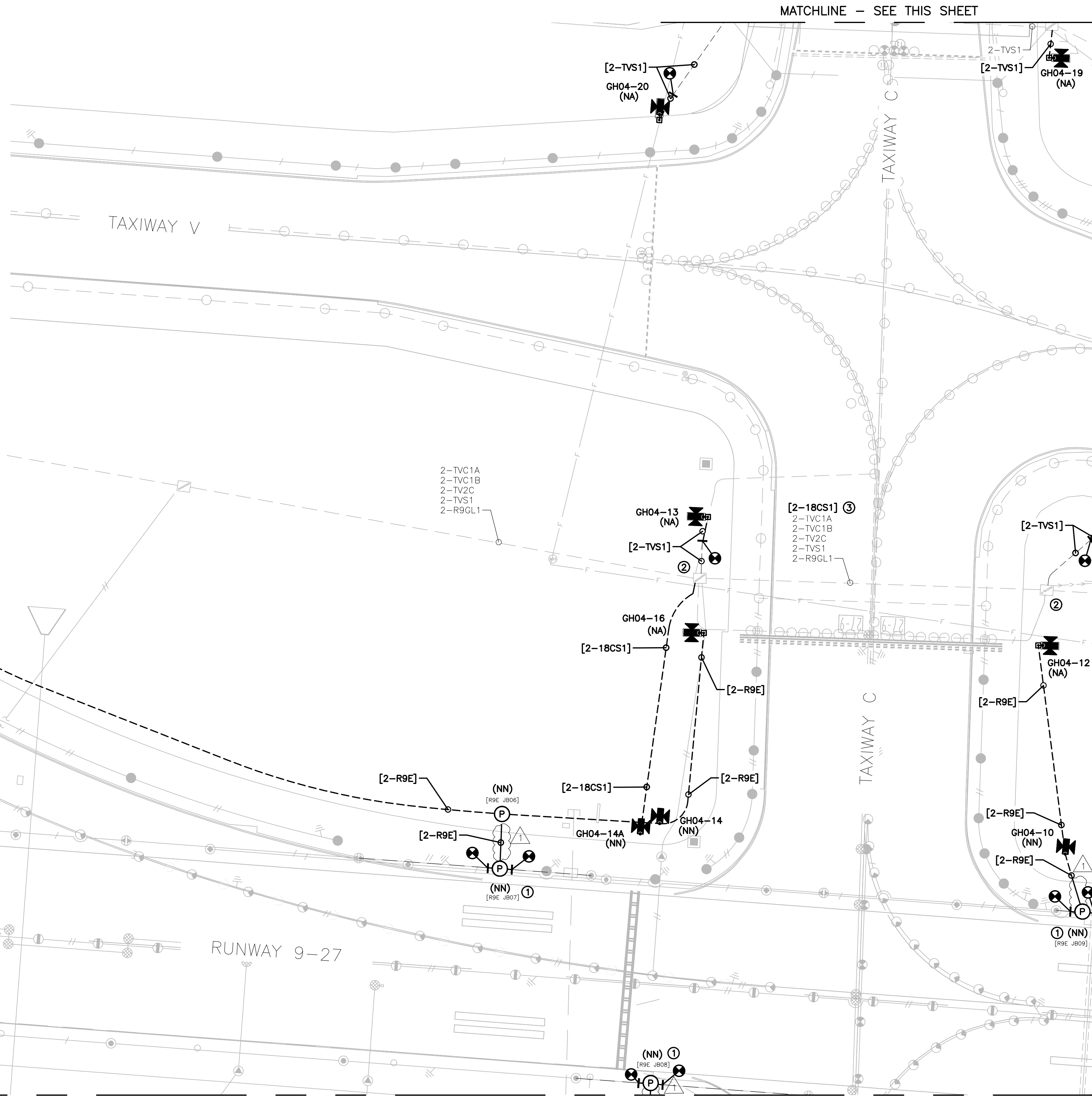
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PROPOSED AREA PLAN

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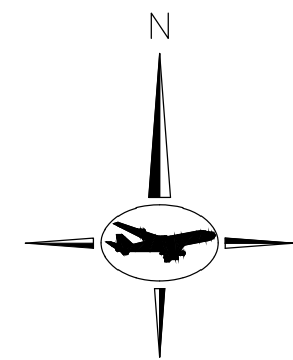
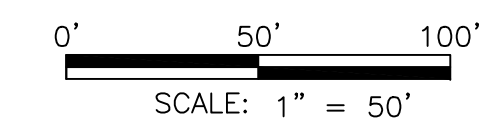
DATE	SHEET NO.
03/26/2021	075
SCALE: 1:50	



MATCHLINE - SEE THIS SHEET



MATCHLINE - SHEET 084



GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.
- ③ ROUTE NEW CIRCUIT THROUGH EXISTING DUCTBANK.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

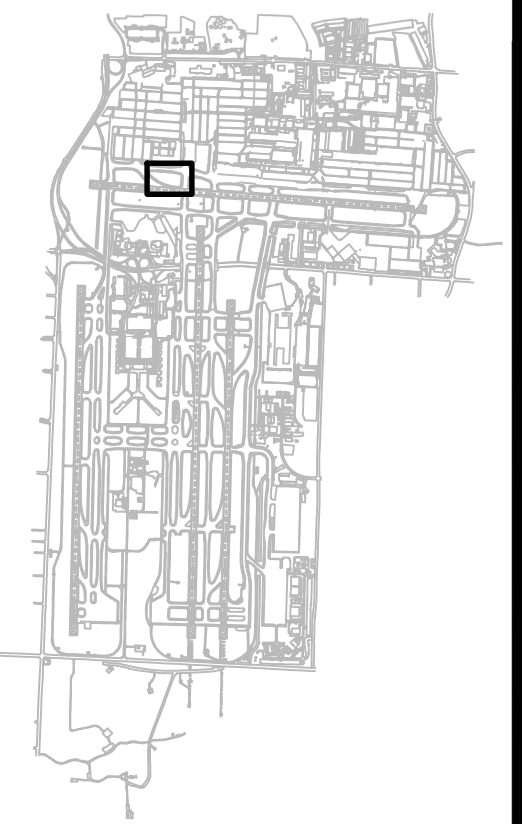
DBW

APPROVED BY:

DBW



KEY MAP:



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO. **18-1415-01**

PROJECT: **MEM AIRFIELD SIGNAGE REPLACEMENT**

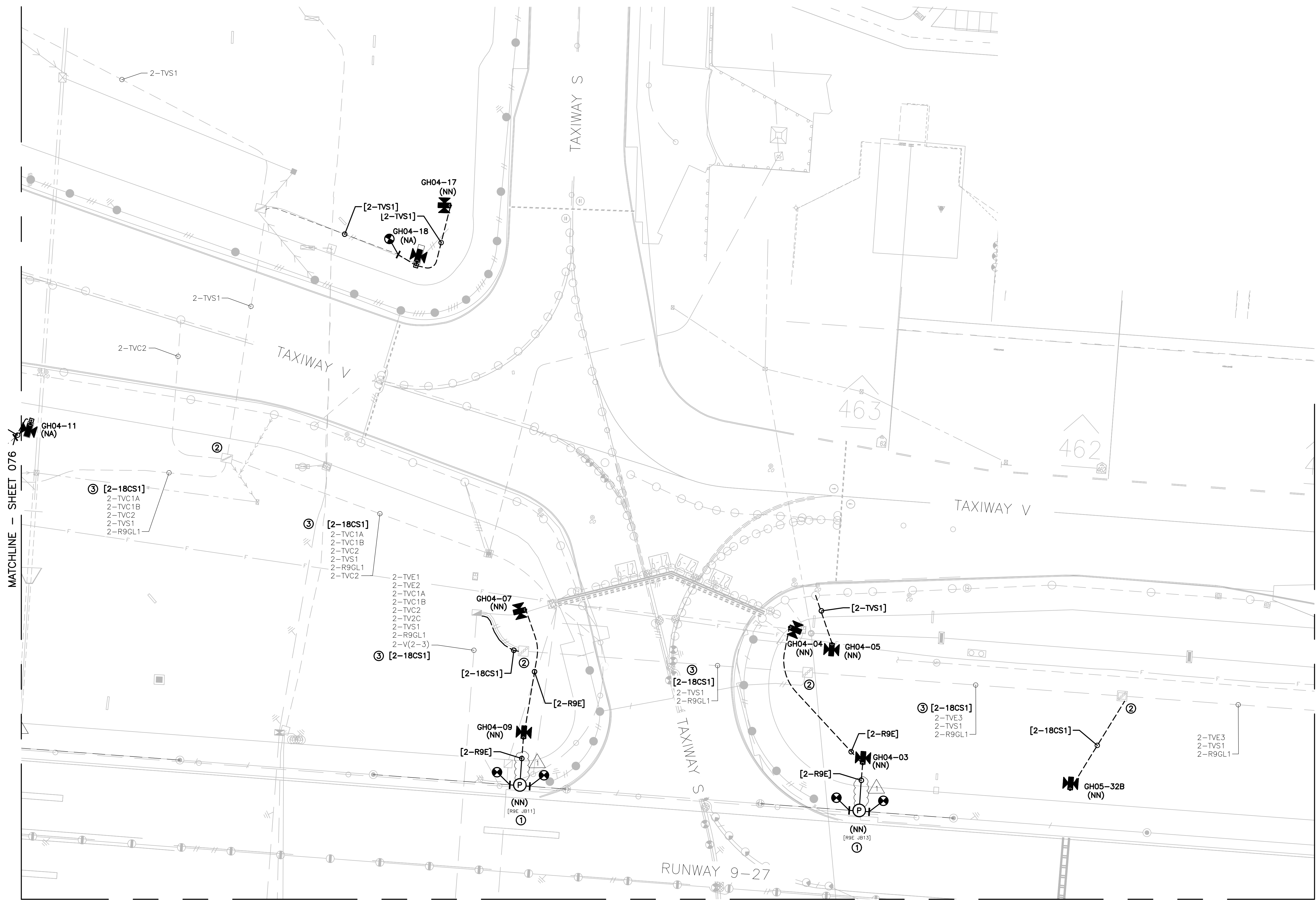
SHEET TITLE:

PROPOSED AREA PLAN

DWG. FILE NAME: **18-1415-00-075TO133.DWG**

DATE: **03/26/2021** SHEET NO. **076**

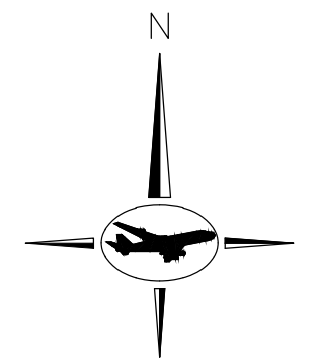
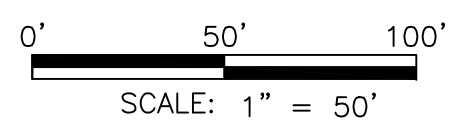
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MATCHLINE - SHEET 076

MATCHLINE - SHEET 078

MATCHLINE - SHEET 085



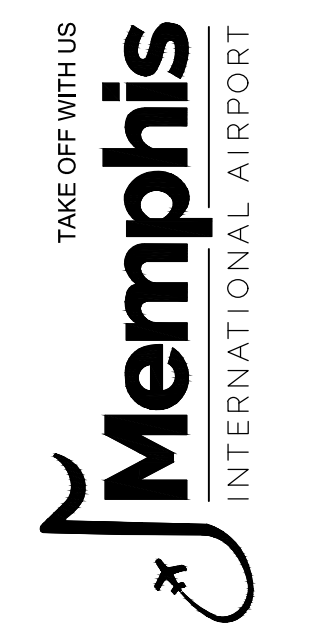
GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.
- ③ ROUTE NEW CIRCUIT THROUGH EXISTING DUCTBANK.

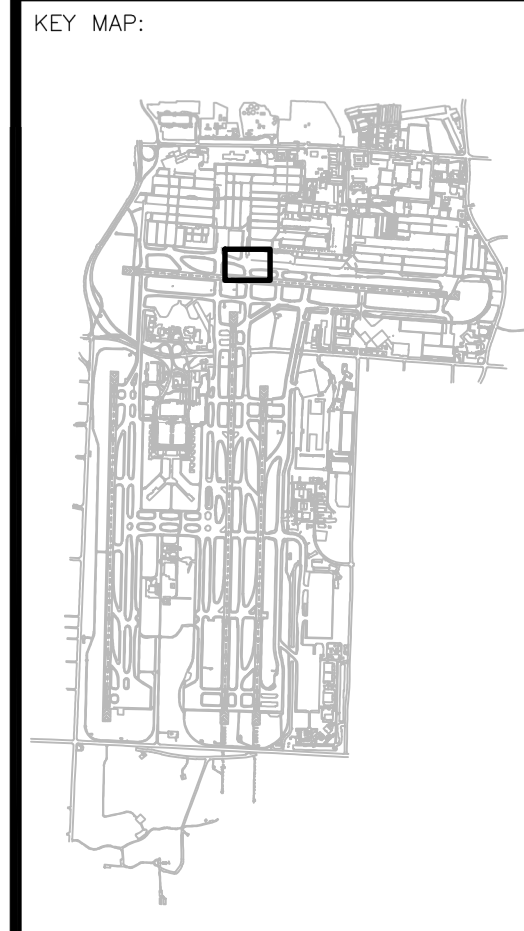
CONSTRUCTION DOCUMENTS



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ENGINEER
 JOB NO.

DRAWN BY: PAT
 CHECKED BY: DBW
 APPROVED BY: DBW



REVISIONS		
MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

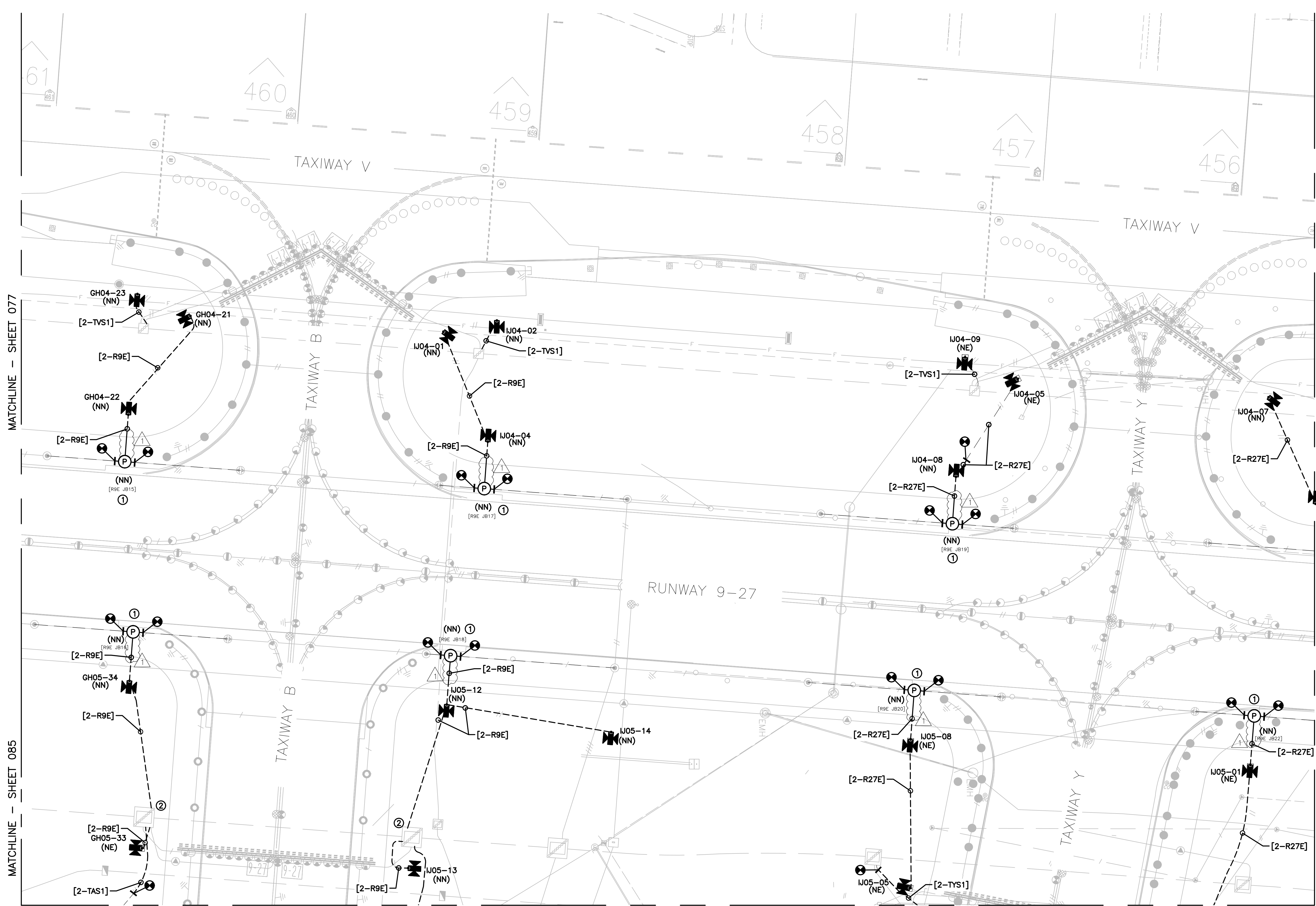
PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME:
18-1415-00-075TO133.DWG

DATE: 03/26/2021
 SCALE: 1:50

SHEET NO.: 077

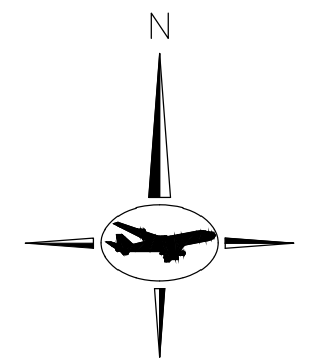


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MATCHLINE - SHEET 085

MATCHLINE - SHEET 079

MATCHLINE - SHEET 086

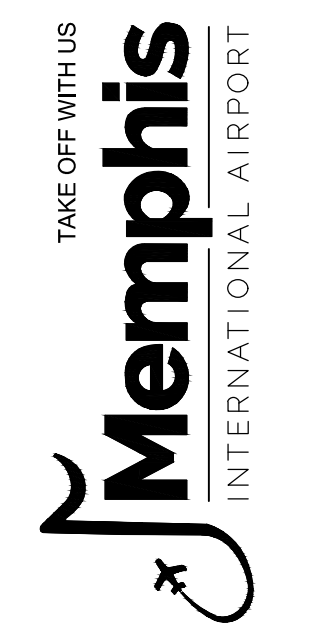


GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

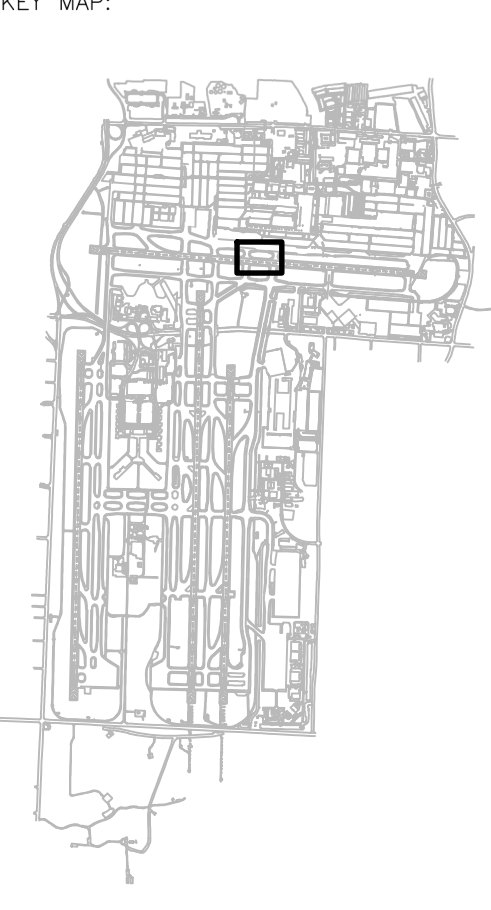
- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.
- ② UTILIZE EXISTING SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZA FOR NEW CIRCUIT.



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DRAWN BY: PAT
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]
 DBW



REVISIONS

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	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

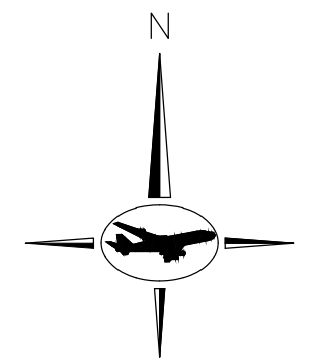
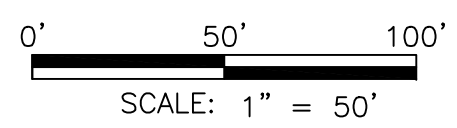
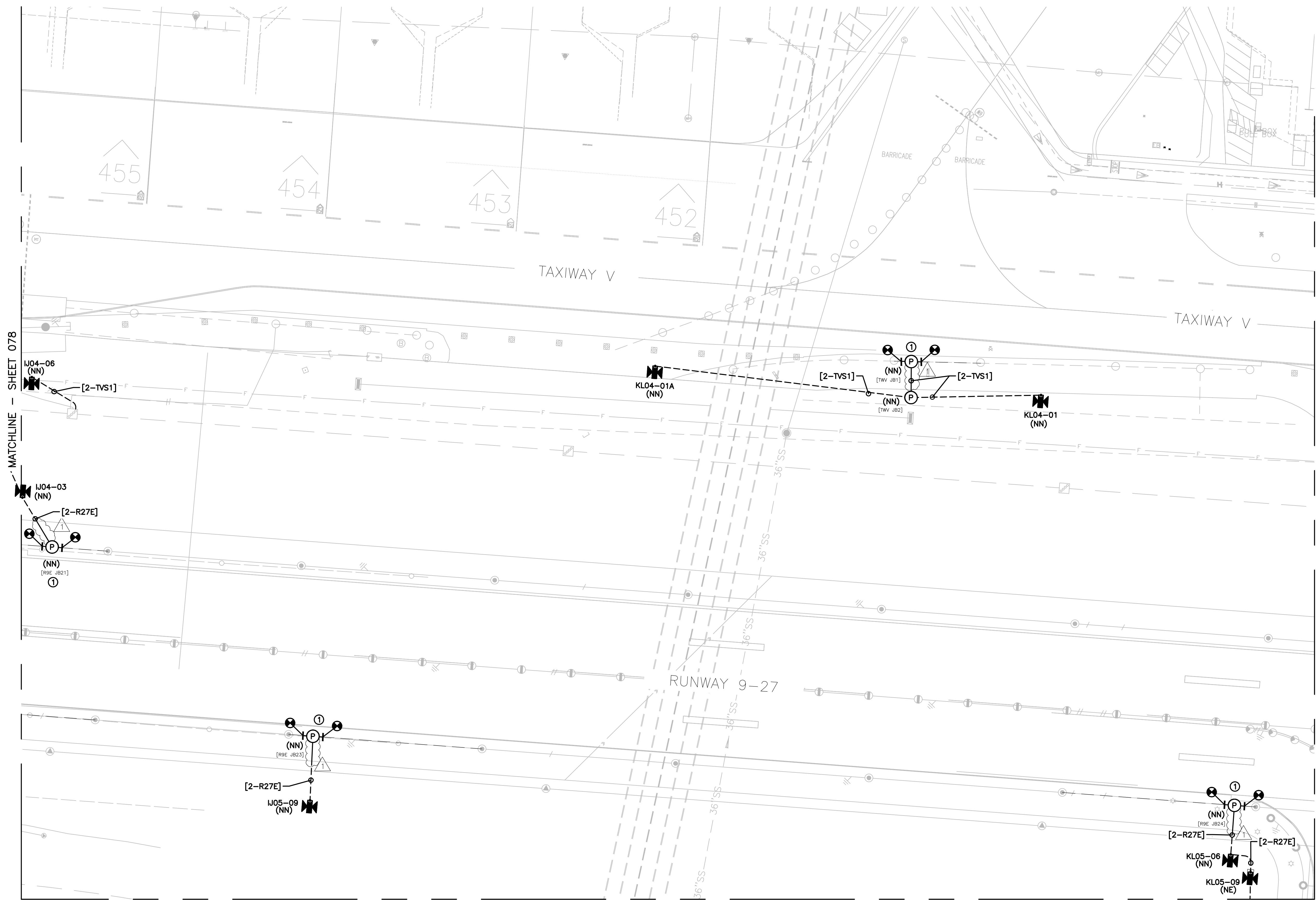
MSCAA PROJ. NO.
18-1415-01

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME: 18-1415-00-075TO133.DWG

DATE: 03/26/2021	SHEET NO. 078
SCALE: 1:50	



GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

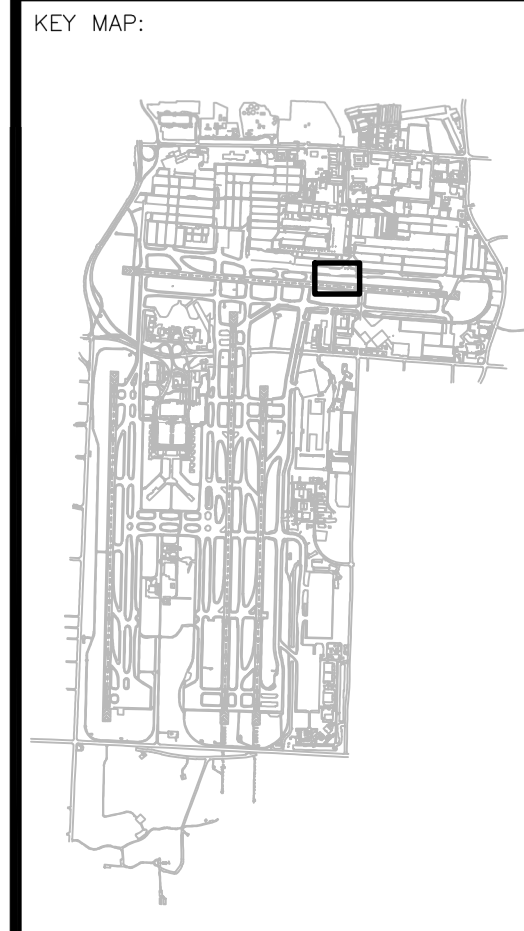
KEYED NOTES:

- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.

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REVISIONS

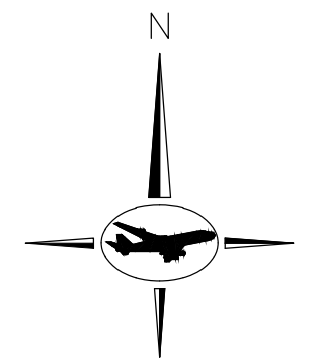
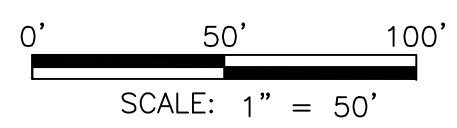
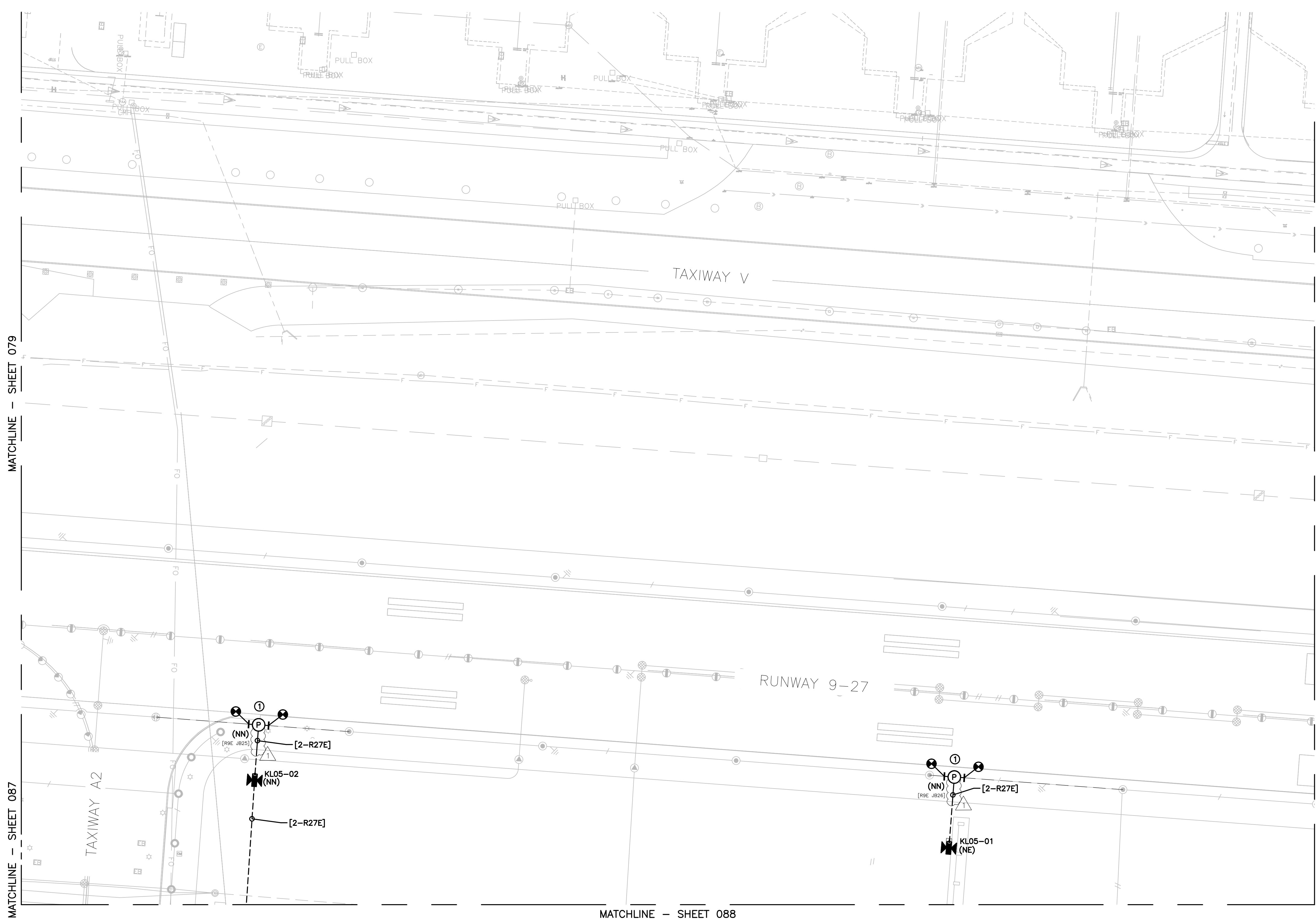
MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME:
18-1415-00-075TO133.DWG
 DATE: 03/26/2021
 SCALE: 1:50
 SHEET NO.: 079



GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

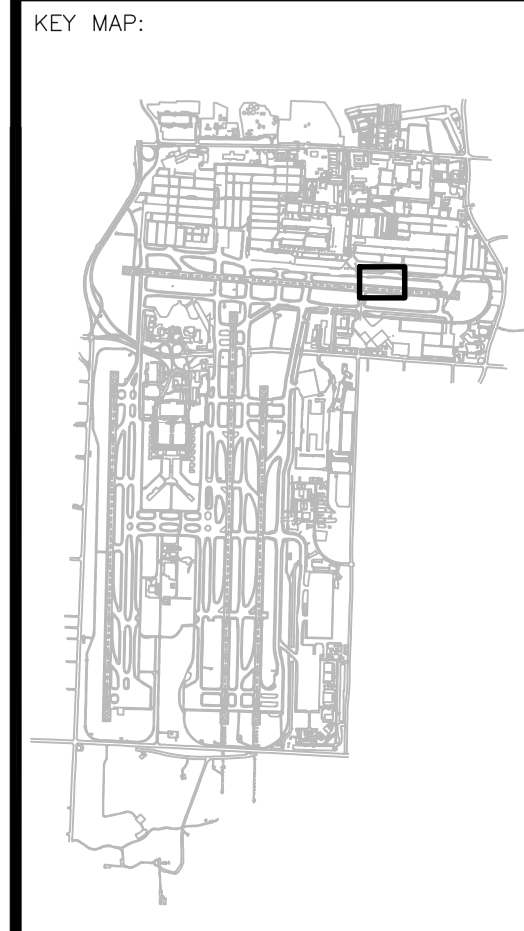
KEYED NOTES:

- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.

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REVISIONS

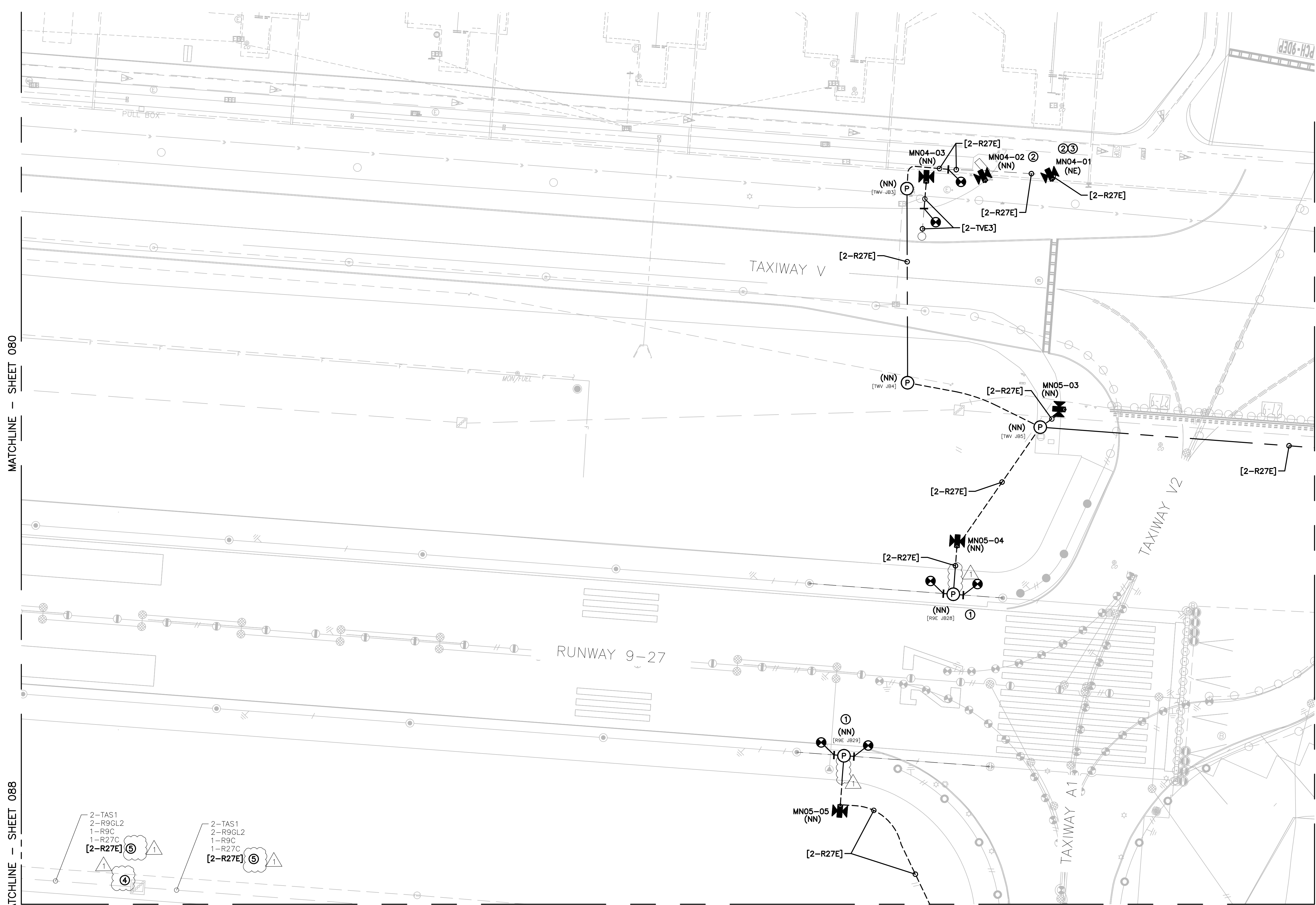
MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
▲	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME 18-1415-00-075TO133.DWG	
DATE 03/26/2021	SHEET NO. 080
SCALE 1:50	

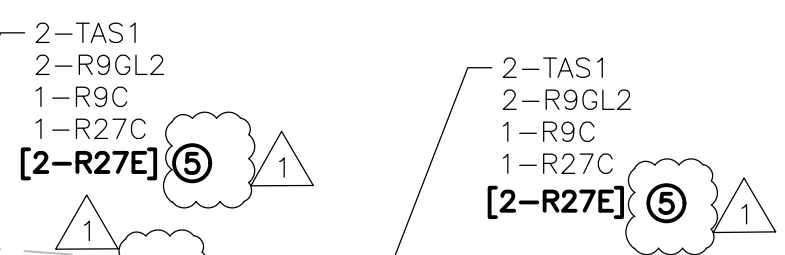
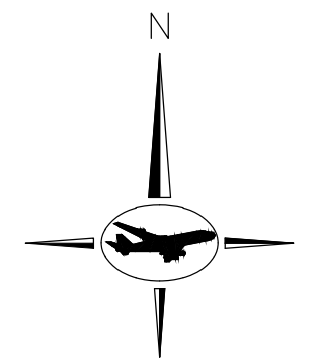
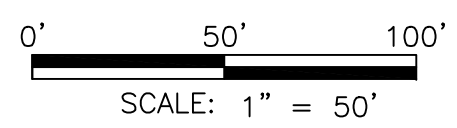


MATCHLINE - SHEET 080

MATCHLINE - SHEET 088

MATCHLINE - SHEET 082

MATCHLINE - SHEET 089



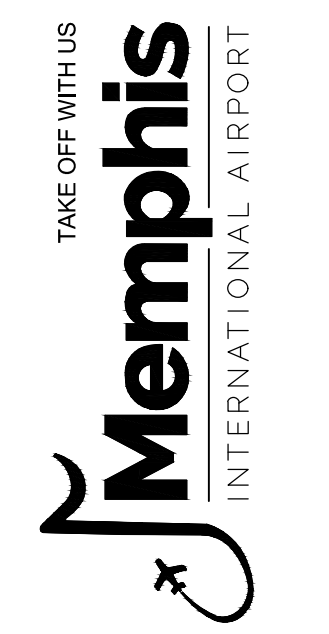
GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
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- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY SKV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.
- ② EXTEND CONDUIT AND POWER FEEDERS FROM EXISTING SIGN FOUNDATION/JUNCTION BASE TO NEW SIGNS.
- ③ TRENCH CONCRETE TO EXTEND POWER TO LOCATION SHOWN. STUB UP CONDUIT UP TO FORM POWER LEG. AFTER POWER EXTENSION, BACKFILL TRENCH WITH P-610 CONCRETE TO TOP OF EXISTING CONCRETE APRON. PLACE NEW SIGN ON CONDUIT STUB AND SECURE TO CONCRETE APRON.
- ④ ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.
- ⑤ ROUTE NEW CIRCUIT THROUGH EXISTING DUCTBANK.

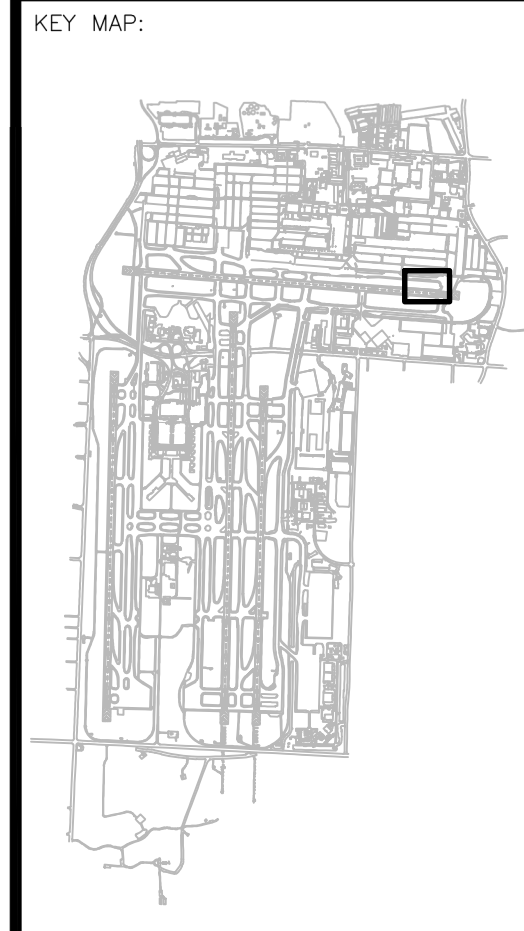
CONSTRUCTION DOCUMENTS



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	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

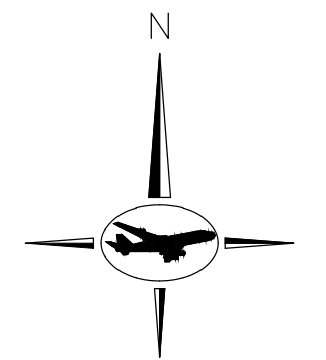
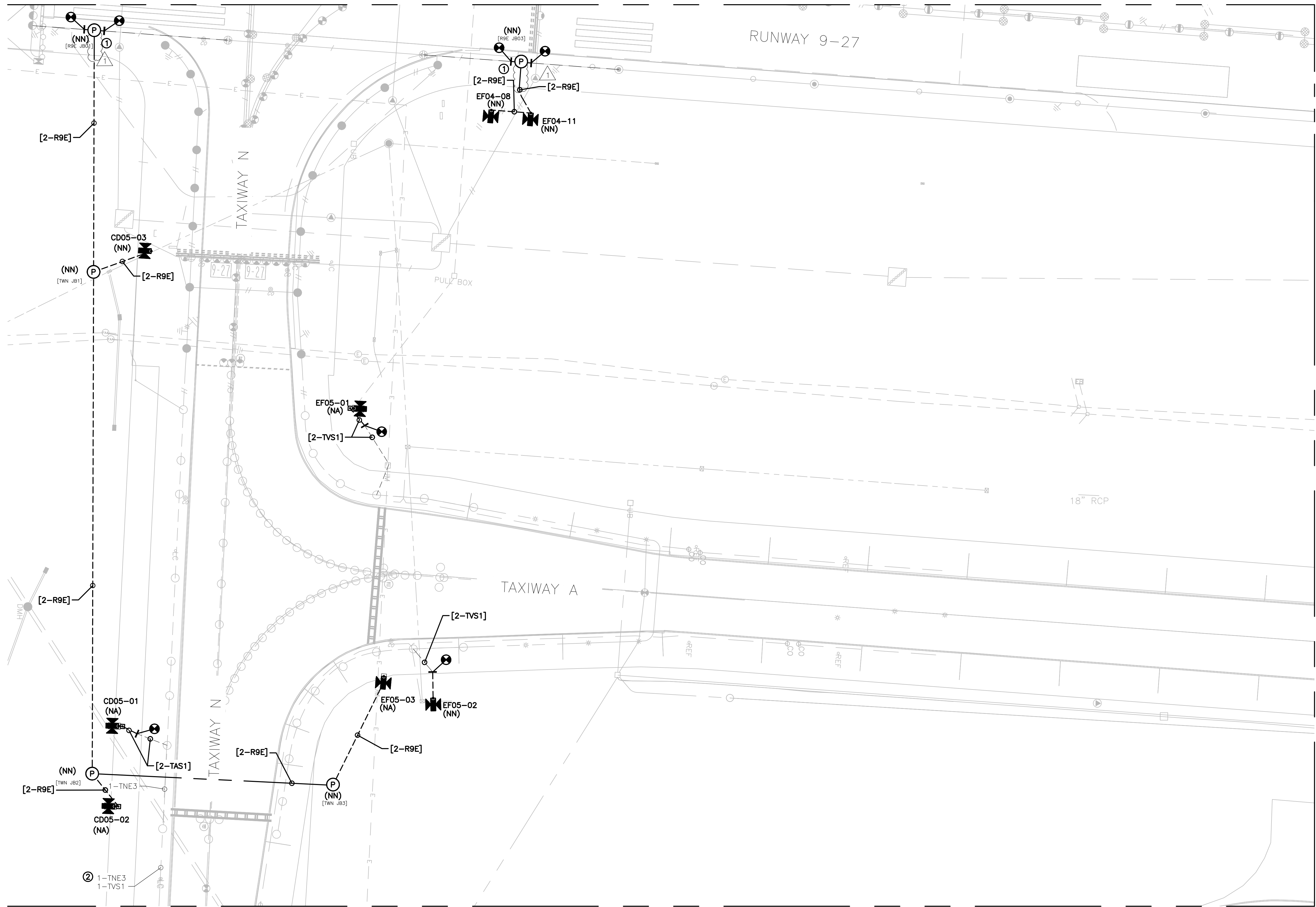
SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME 18-1415-00-075TO133.DWG	
DATE 03/26/2021	SHEET NO. 081
SCALE 1:50	

RUNWAY 9-27

MATCHLINE - SHEET 076

MATCHLINE - SHEET 084



GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
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- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING CONDUIT.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

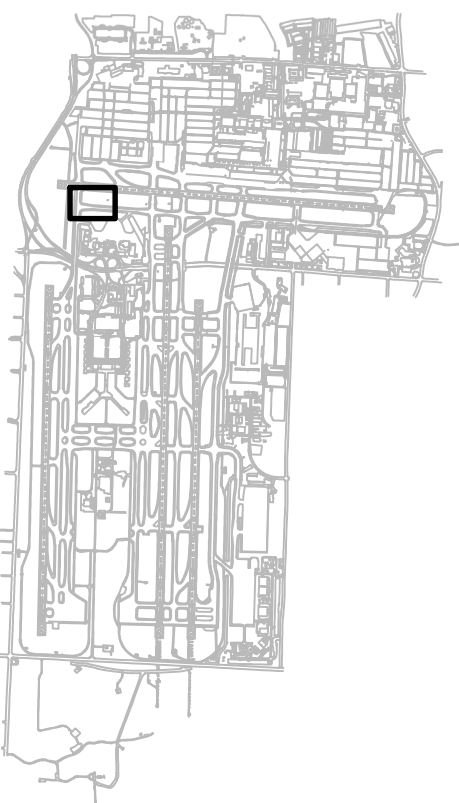
DBW

APPROVED BY:

DBW



KEY MAP:



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
▲	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

PROPOSED AREA PLAN

DWG. FILE NAME

18-1415-00-075TO133.DWG

DATE

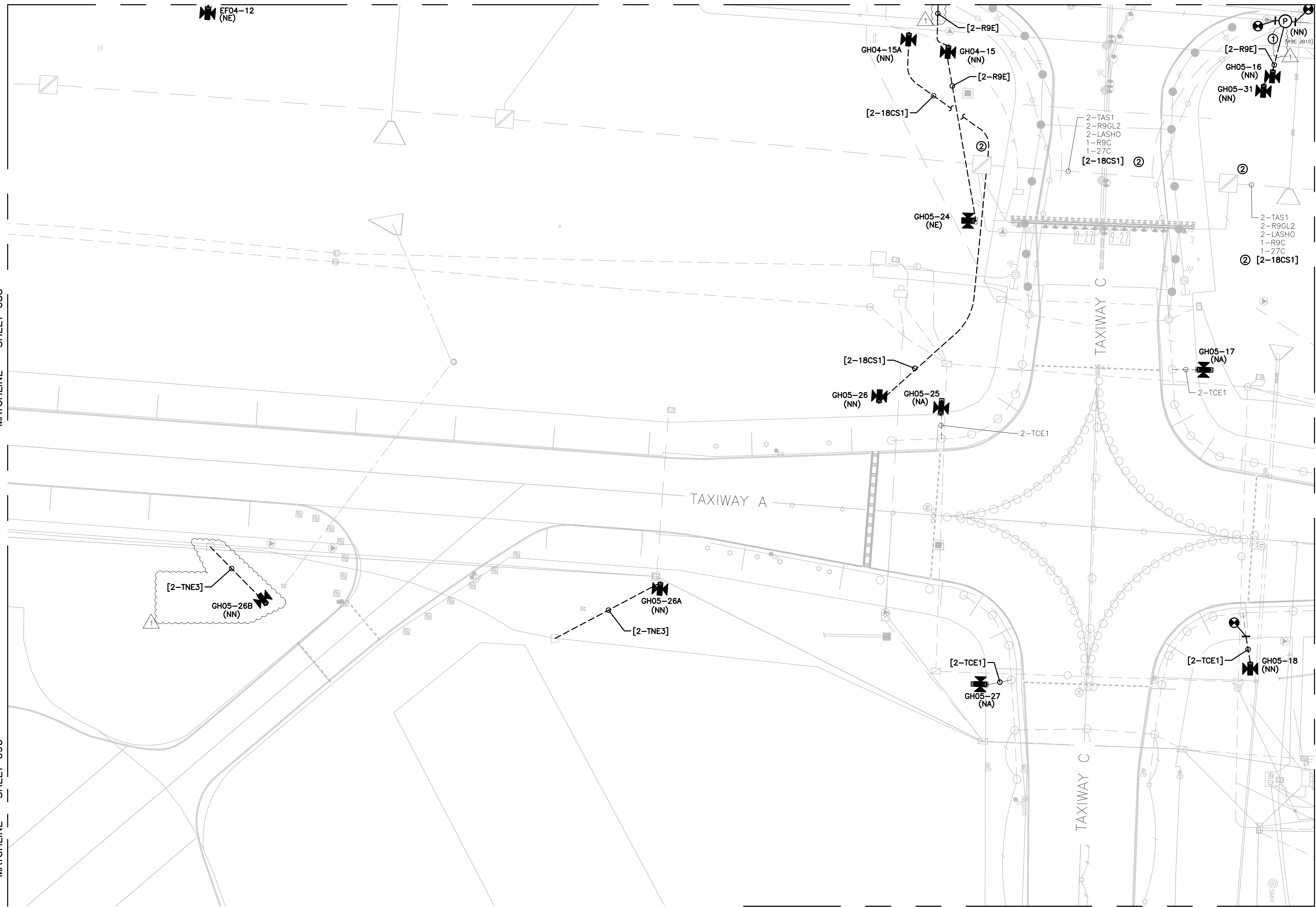
03/26/2021

SHEET NO.

083

SCALE

1:50

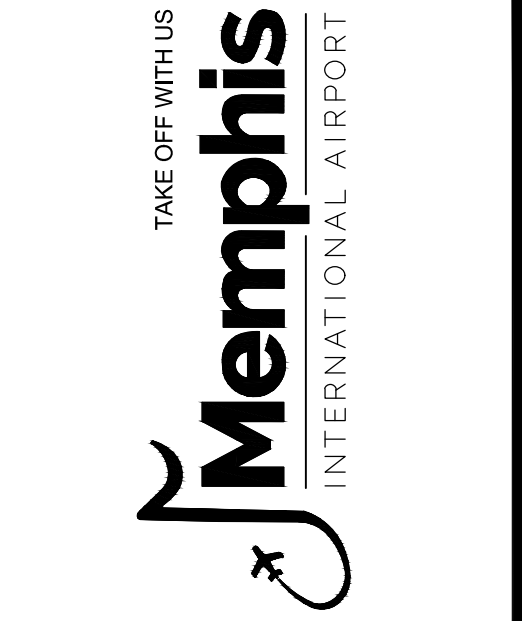
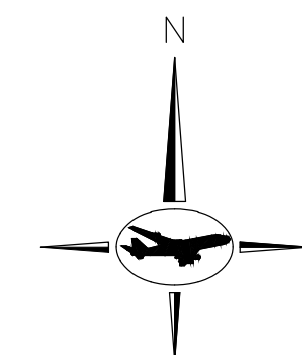
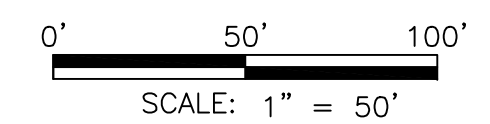


GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
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- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

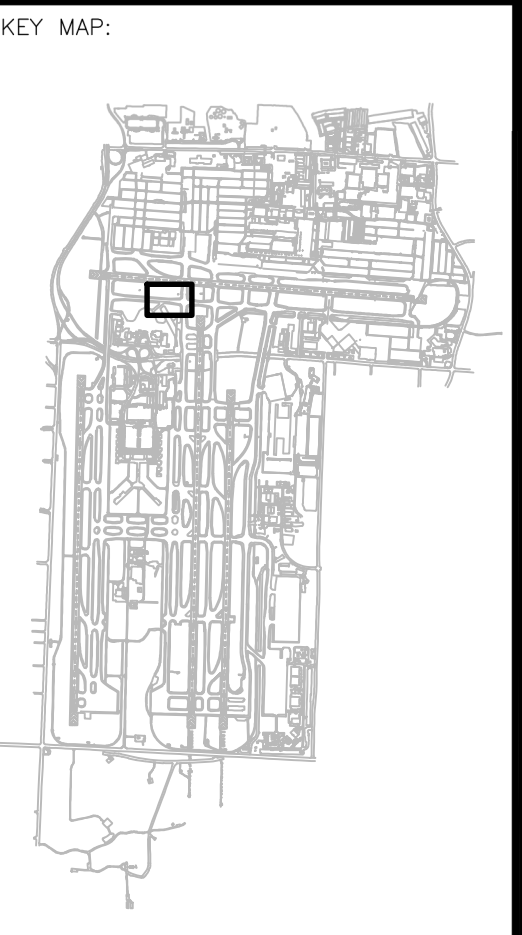
- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.



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DRAWN BY: PAT
 CHECKED BY: DBW
 APPROVED BY: DBW



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
▲	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

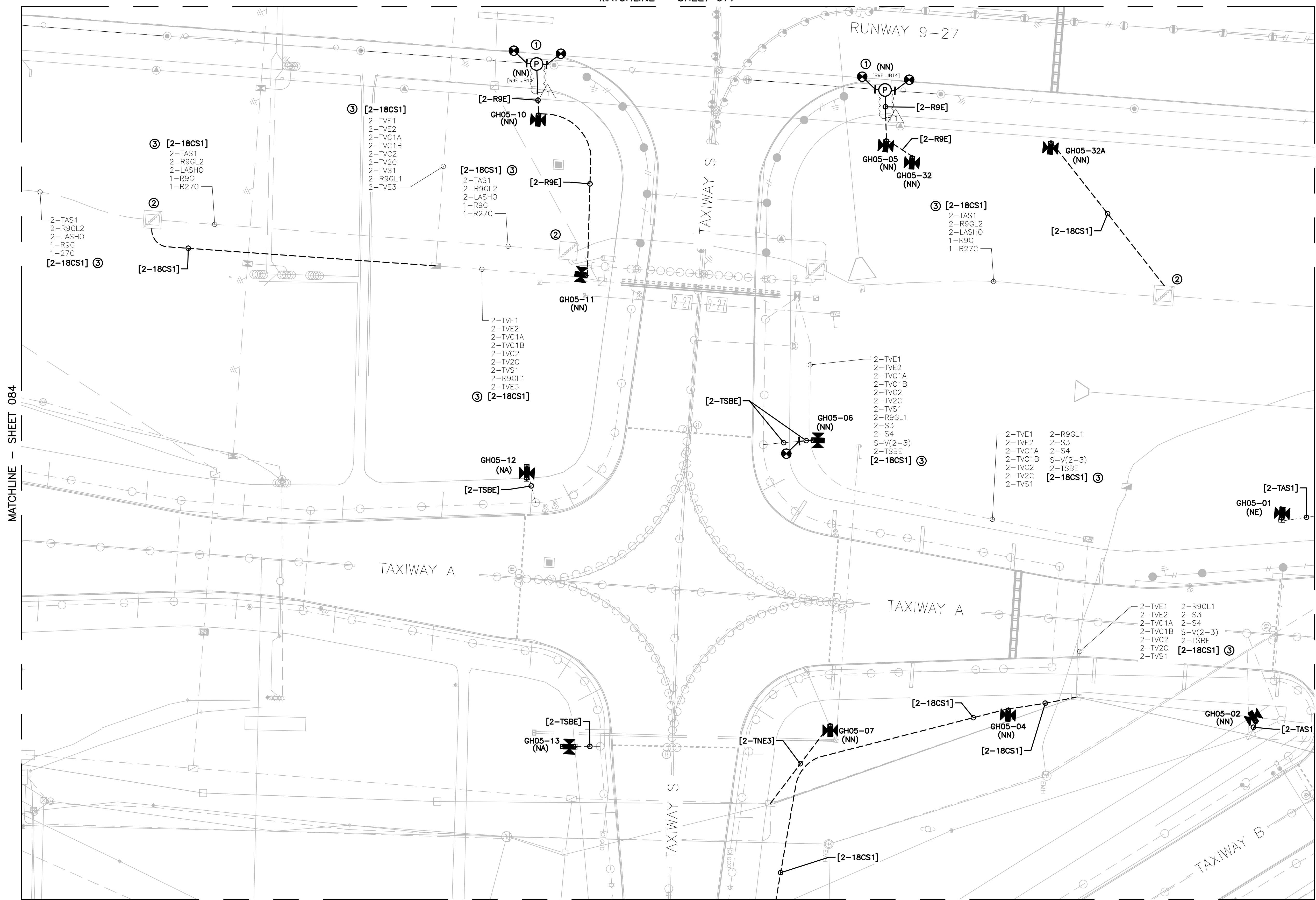
PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME:
18-1415-00-075TO133.DWG

DATE: 03/26/2021
 SCALE: 1:50

SHEET NO.:
084



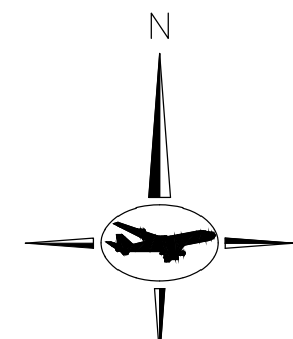
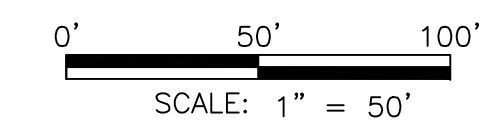
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MATCHLINE - SHEET 086

MATCHLINE - SHEET 084

MATCHLINE - SHEET 104

MATCHLINE - SHEET 105



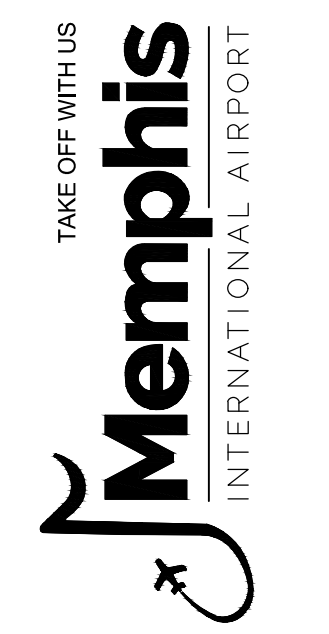
GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.
- ③ ROUTE NEW CIRCUIT THROUGH EXISTING DUCT BANK.

CONSTRUCTION DOCUMENTS



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ENGINEER
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DRAWN BY: PAT
 CHECKED BY: DBW
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KEY MAP:

REVISIONS		
MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

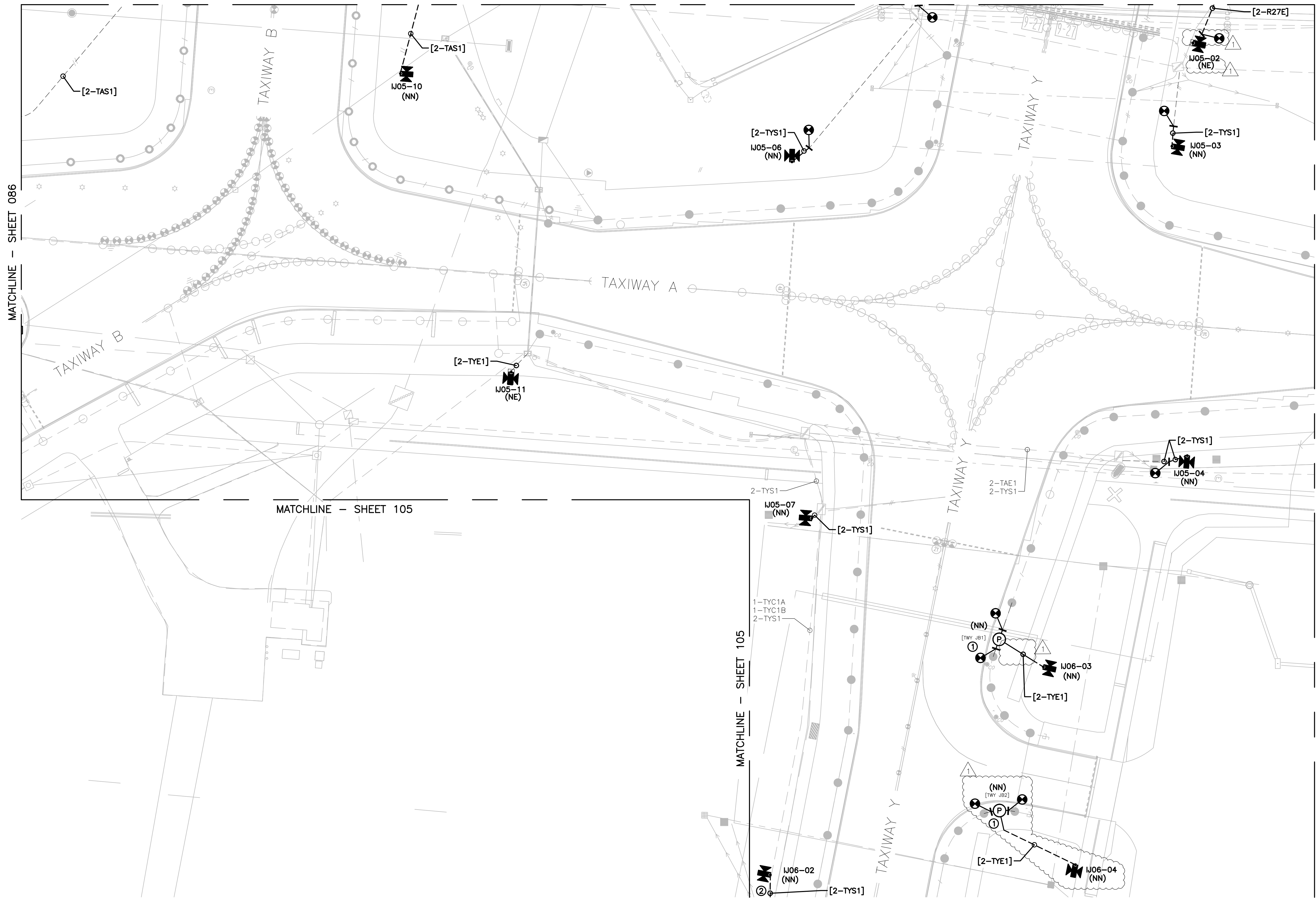
PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME 18-1415-00-075TO133.DWG	
DATE 03/26/2021	SHEET NO. 085
SCALE 1:50	

MATCHLINE - SHEET 078

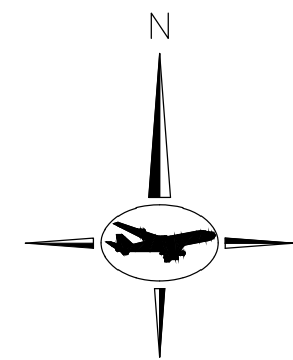
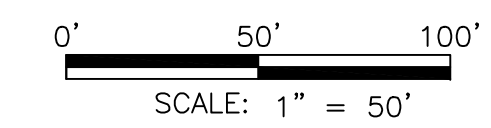
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MATCHLINE - SHEET 105

MATCHLINE - SHEET 105

MATCHLINE - SHEET 087



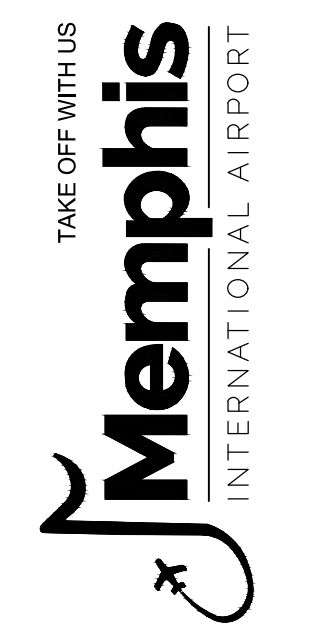
GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.
- ② ROUTE SIGN CONDUIT AND CONDUCTORS TO EXISTING JUNCTION BOX PLAZA. (APPROXIMATELY 25' NOT SHOWN) ROUTE NEW CONDUCTORS IN EXISTING CONDUIT. (APPROXIMATELY 130' NOT SHOWN)

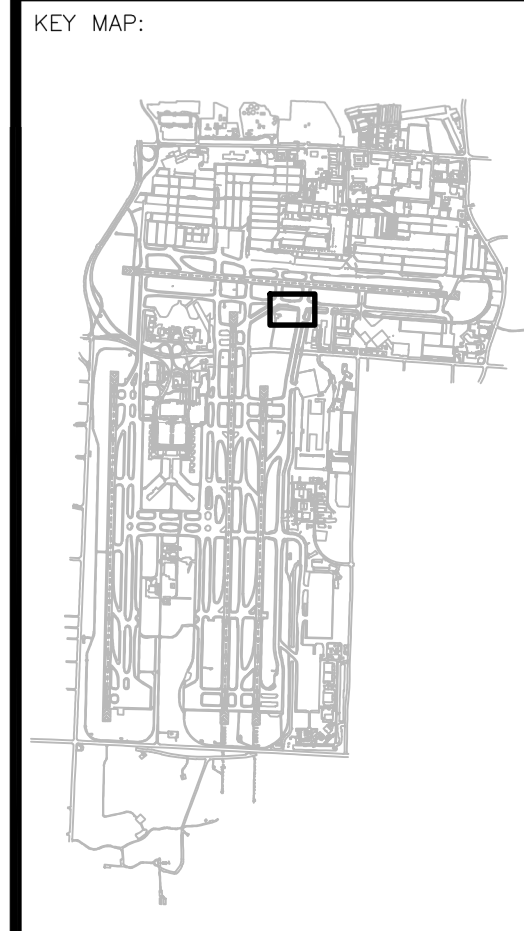
CONSTRUCTION DOCUMENTS



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 Suite 1600
 Philadelphia, PA 19103
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ENGINEER
 JOB NO.

DRAWN BY: PAT
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]
 DBW



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
▲	05/27/21	ADDENDUM #1

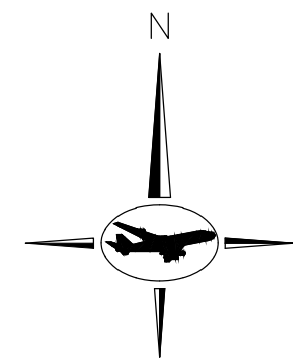
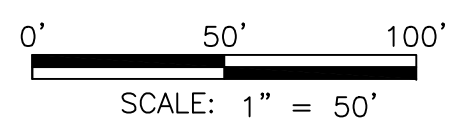
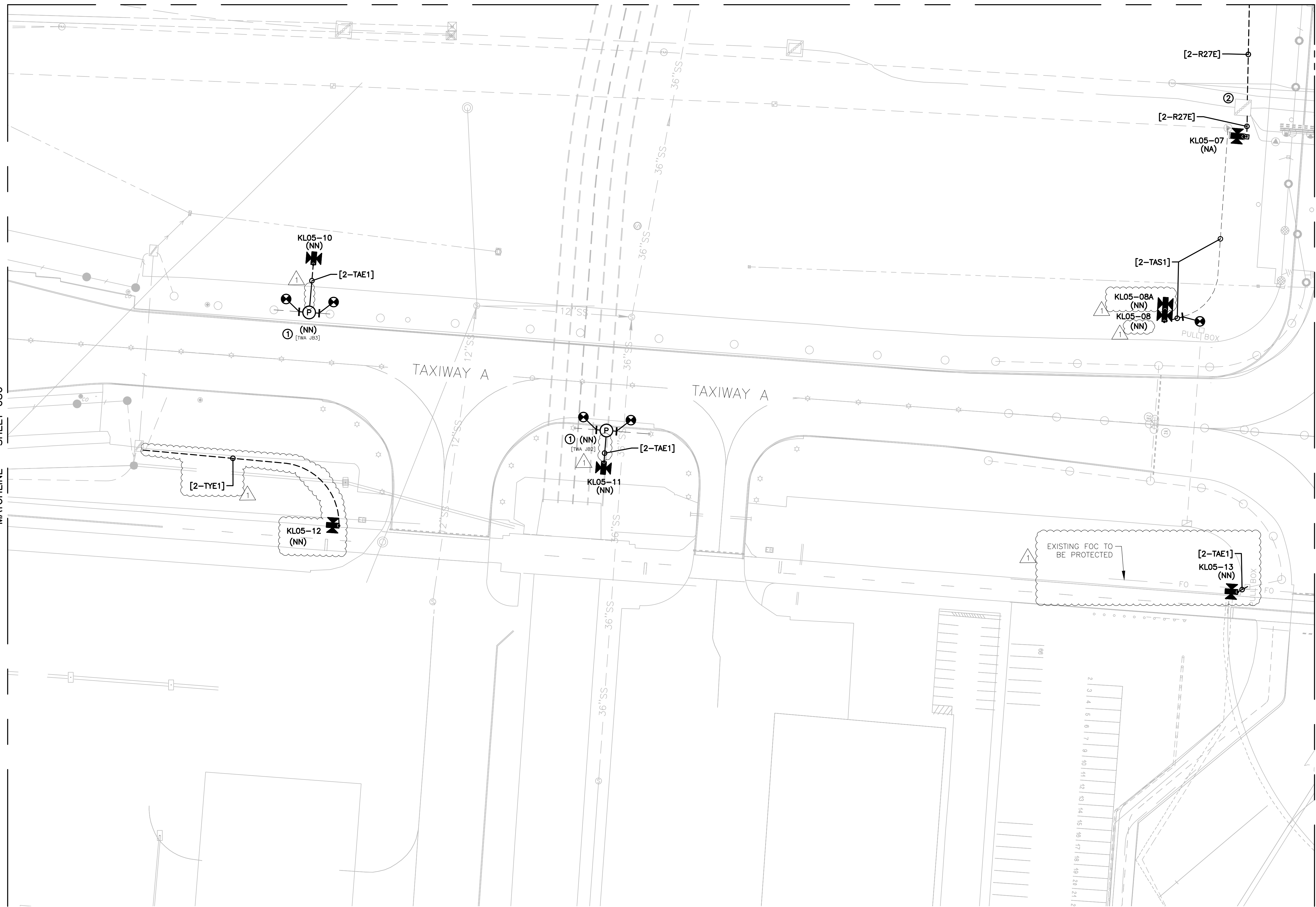
MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME: 18-1415-00-075TO133.DWG

DATE: 03/26/2021	SHEET NO.: 086
SCALE: 1:50	



GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

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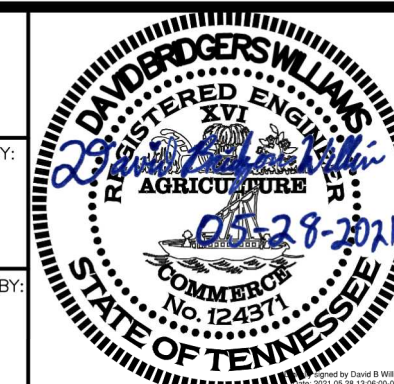
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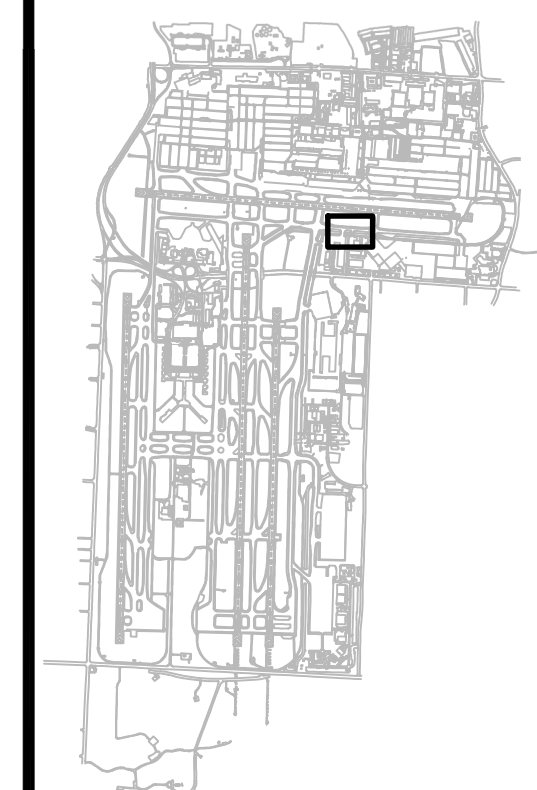
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APPROVED BY:

DBW



KEY MAP:



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

PROPOSED AREA PLAN

DWG. FILE NAME

18-1415-00-075TO133.DWG

DATE

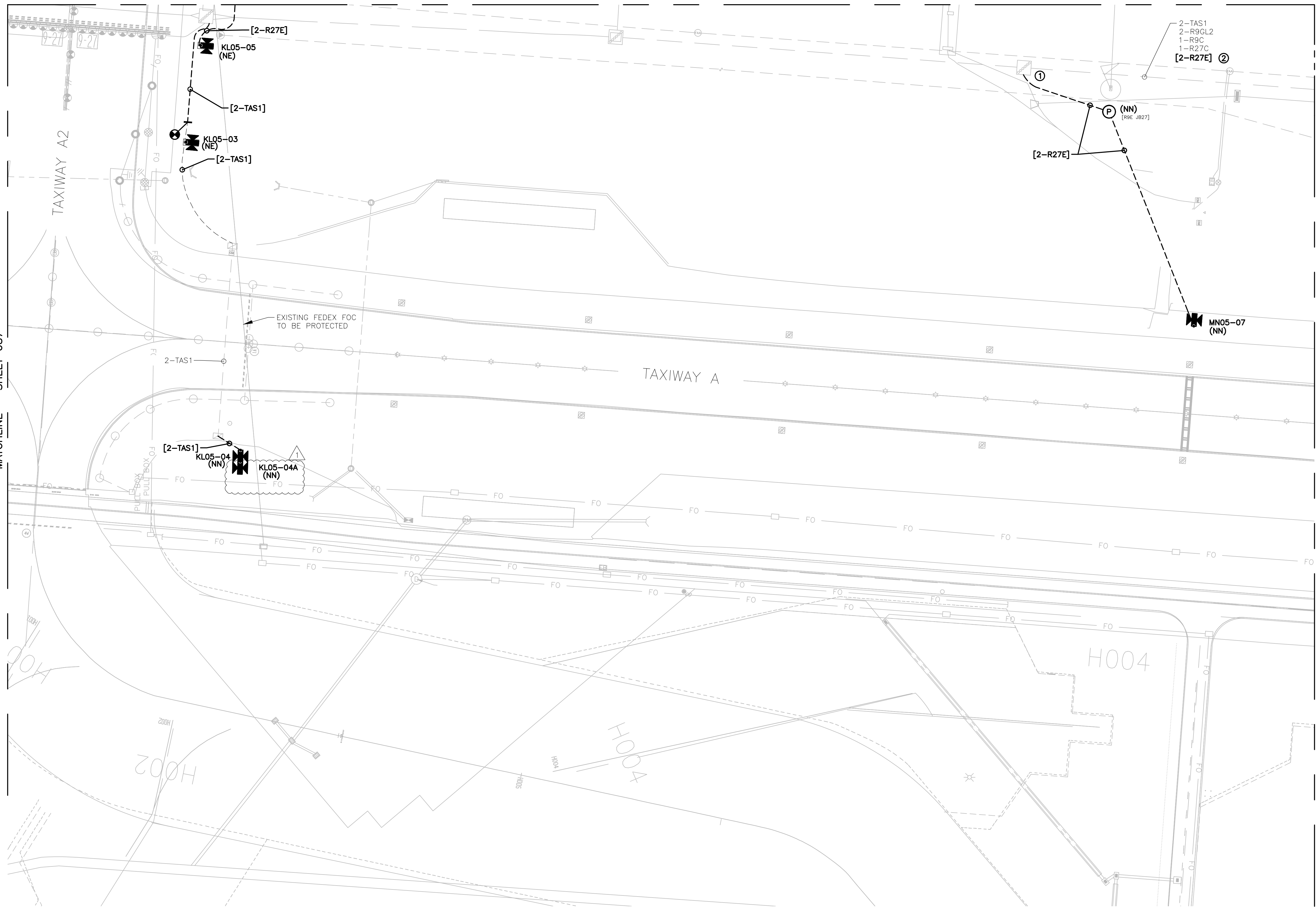
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03/26/2021

087

SCALE

1:50



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2-R9GL2
1-R9C
1-R27C
[2-R27E] ②

EXISTING FEDEX FOC
TO BE PROTECTED

[2-TAS1]
KL05-04 (NN)
KL05-04A (NN)

[2-R27E]

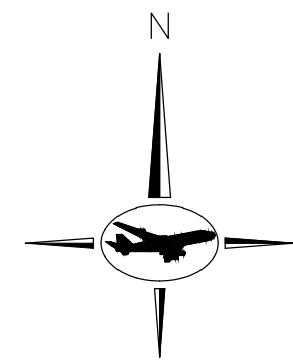
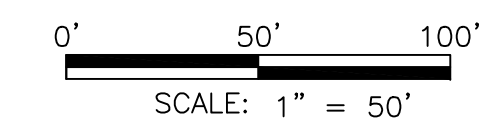
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TAXIWAY A

H004

H002

H004

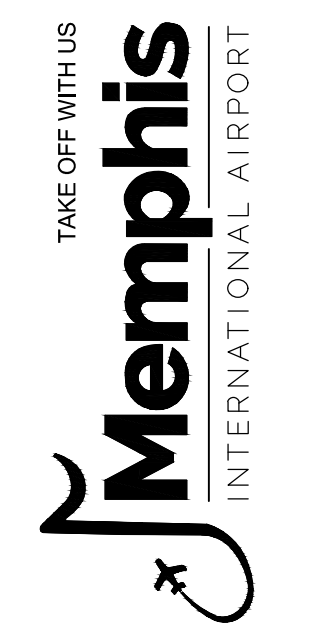


GENERAL NOTES:

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- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

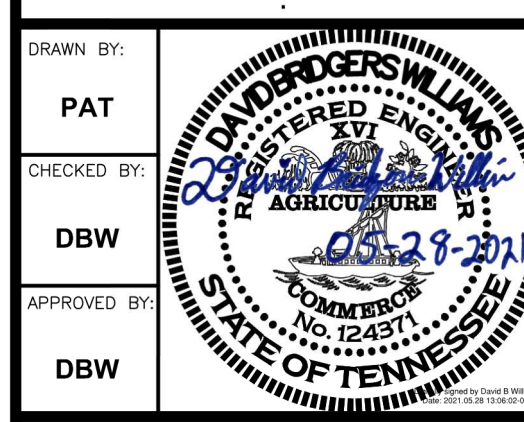
KEYED NOTES:

- ① ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING DUCTBANK.

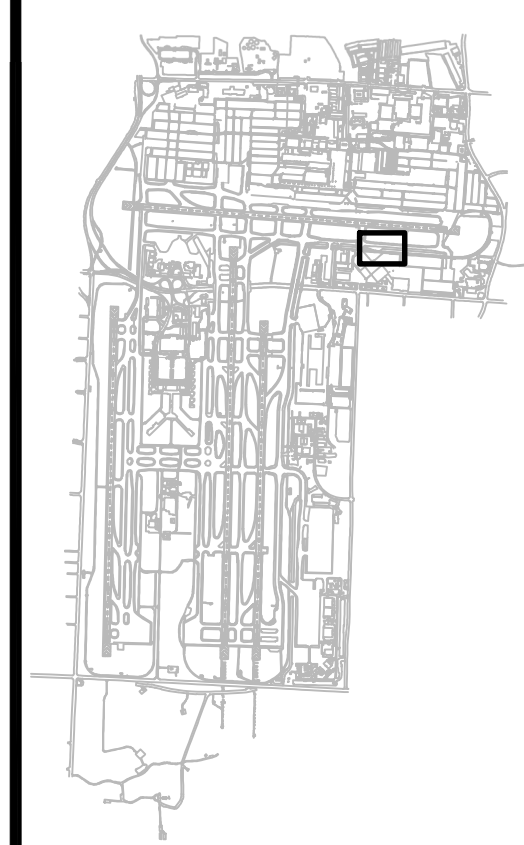


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ENGINEER
 JOB NO.



KEY MAP:



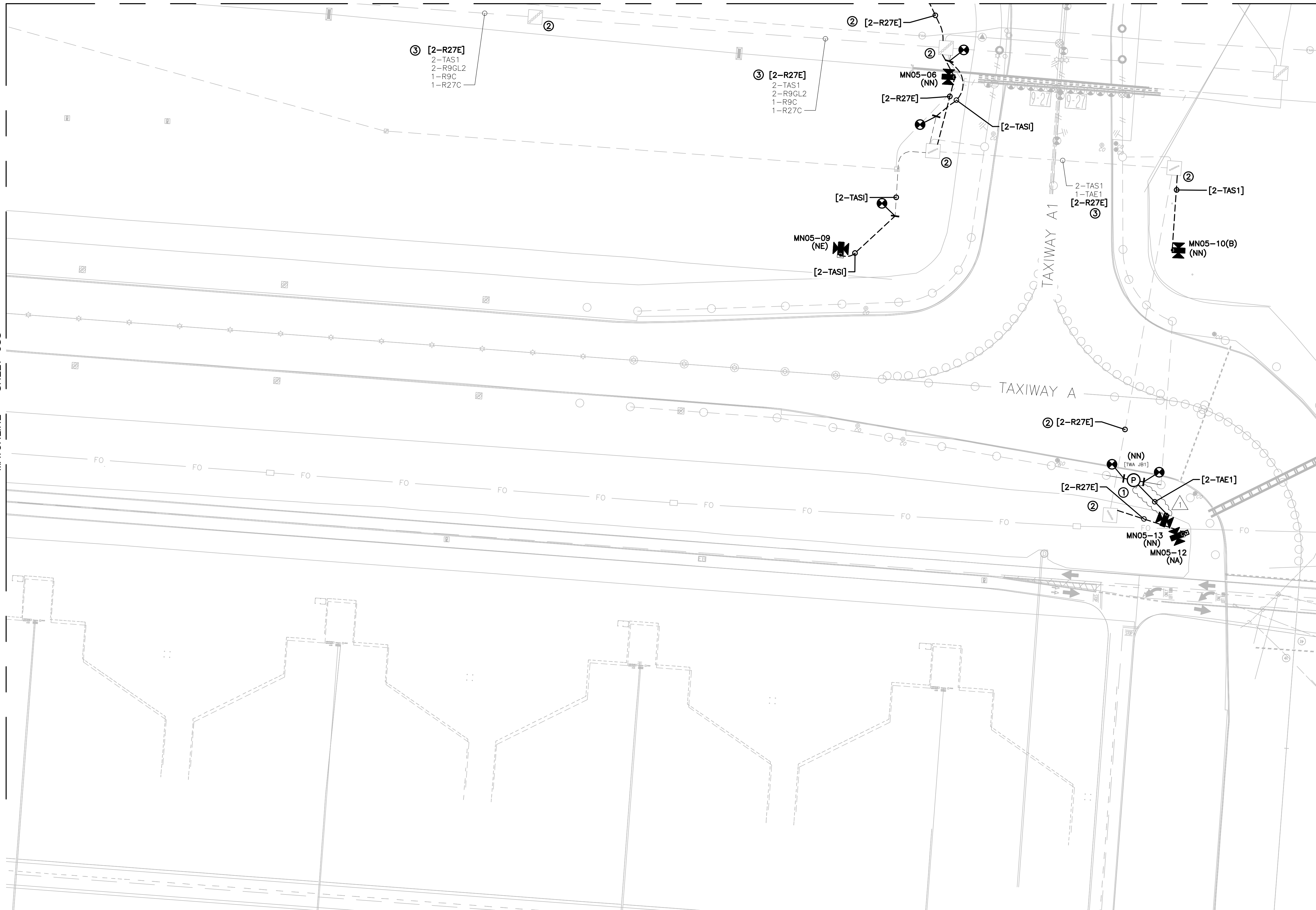
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MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME 18-1415-00-075TO133.DWG	
DATE 03/26/2021	SHEET NO. 088
SCALE 1:50	

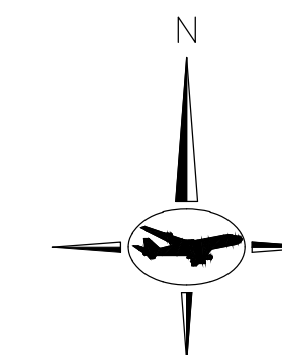
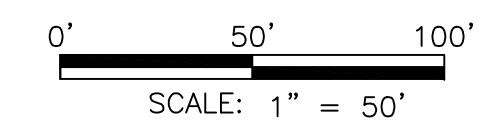


GENERAL NOTES:

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- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.
- ③ ROUTE NEW CIRCUIT THROUGH EXISTING DUCTBANK.



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ENGINEER

JOB NO.

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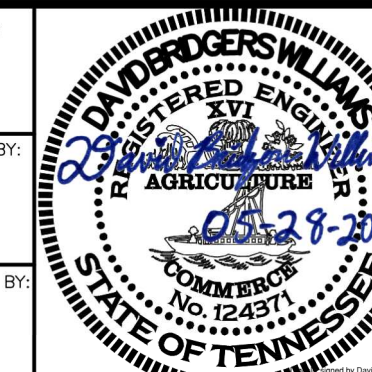
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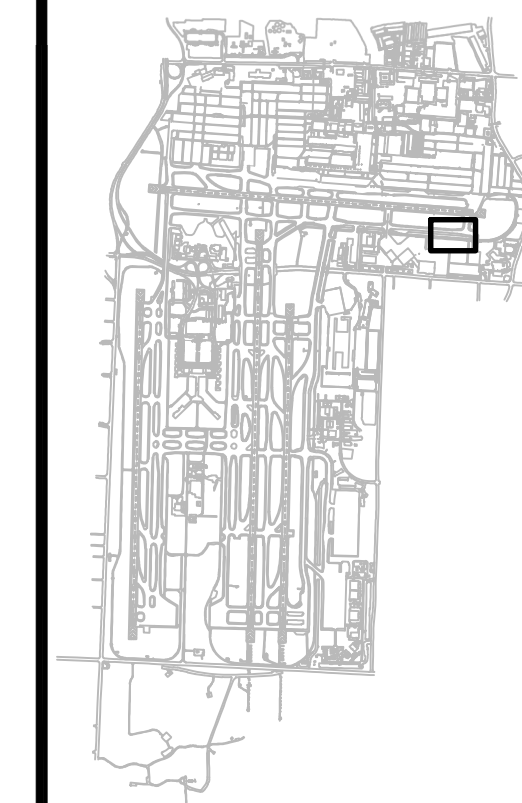
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DBW



KEY MAP:



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
▲	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

**MEM
AIRFIELD SIGNAGE
REPLACEMENT**

SHEET TITLE:

PROPOSED AREA PLAN

DWG. FILE NAME

18-1415-00-075TO133.DWG

DATE

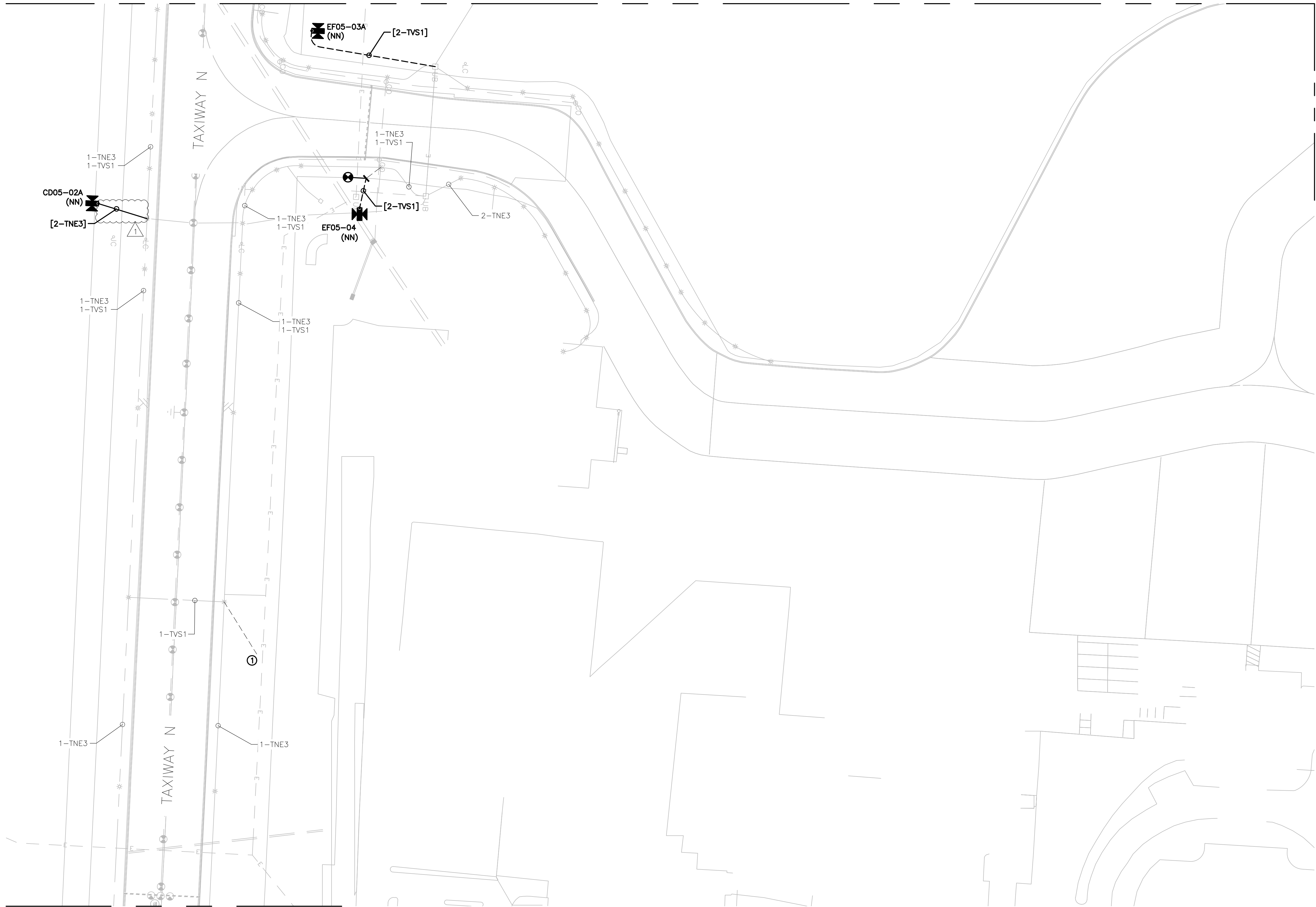
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SHEET NO.

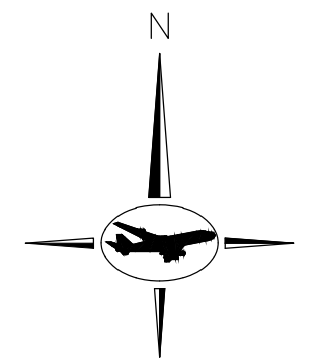
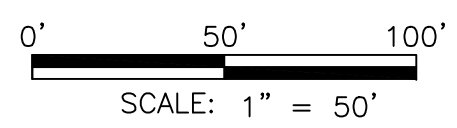
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MATCHLINE - SHEET 091



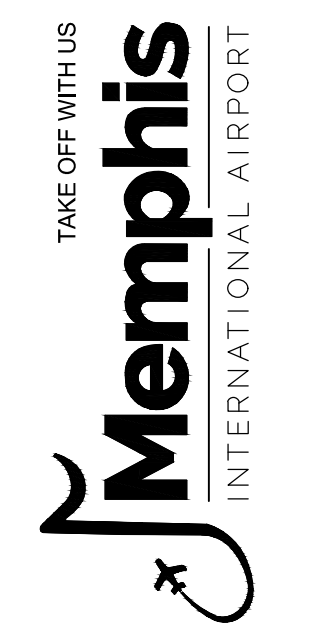
GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.

- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

- ① CAP CONDUIT AND RETURN GRADE TO EXISTING CONDITIONS.



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JOB NO.

DRAWN BY:

PAT

CHECKED BY:

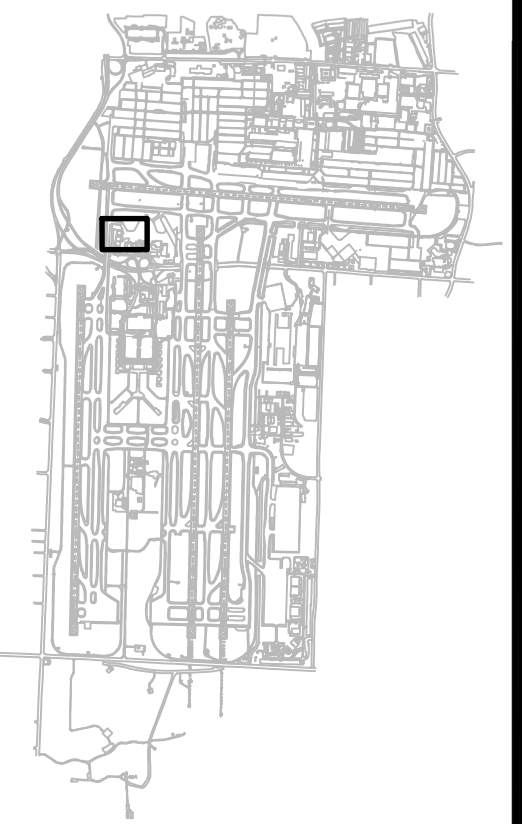
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DBW



KEY MAP:



REVISIONS		
MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME 18-1415-00-075TO133.DWG	
DATE 03/26/2021	SHEET NO. 090
SCALE 1:50	

PROGRAM MANAGER

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JOB NO.

DRAWN BY:

PAT

CHECKED BY:

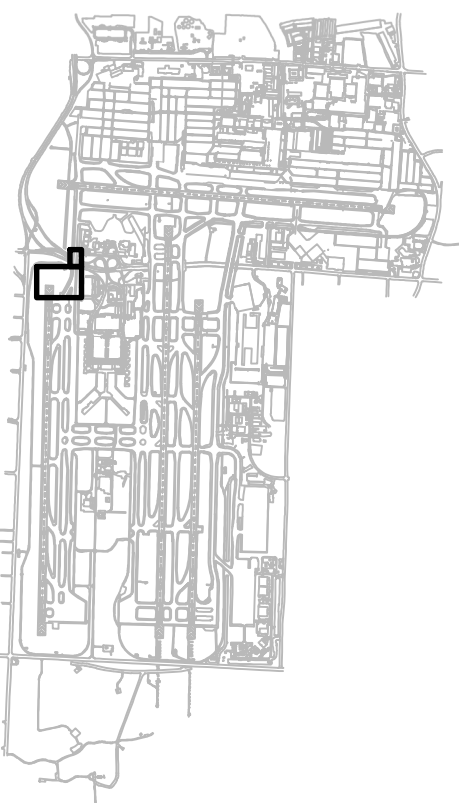
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DBW



KEY MAP:



REVISIONS		
MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
▲	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

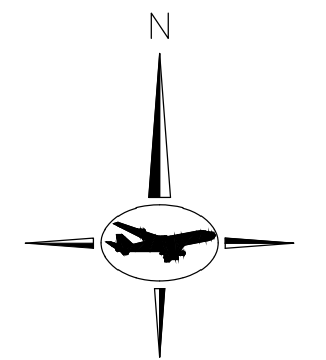
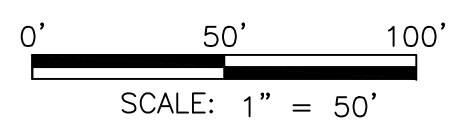
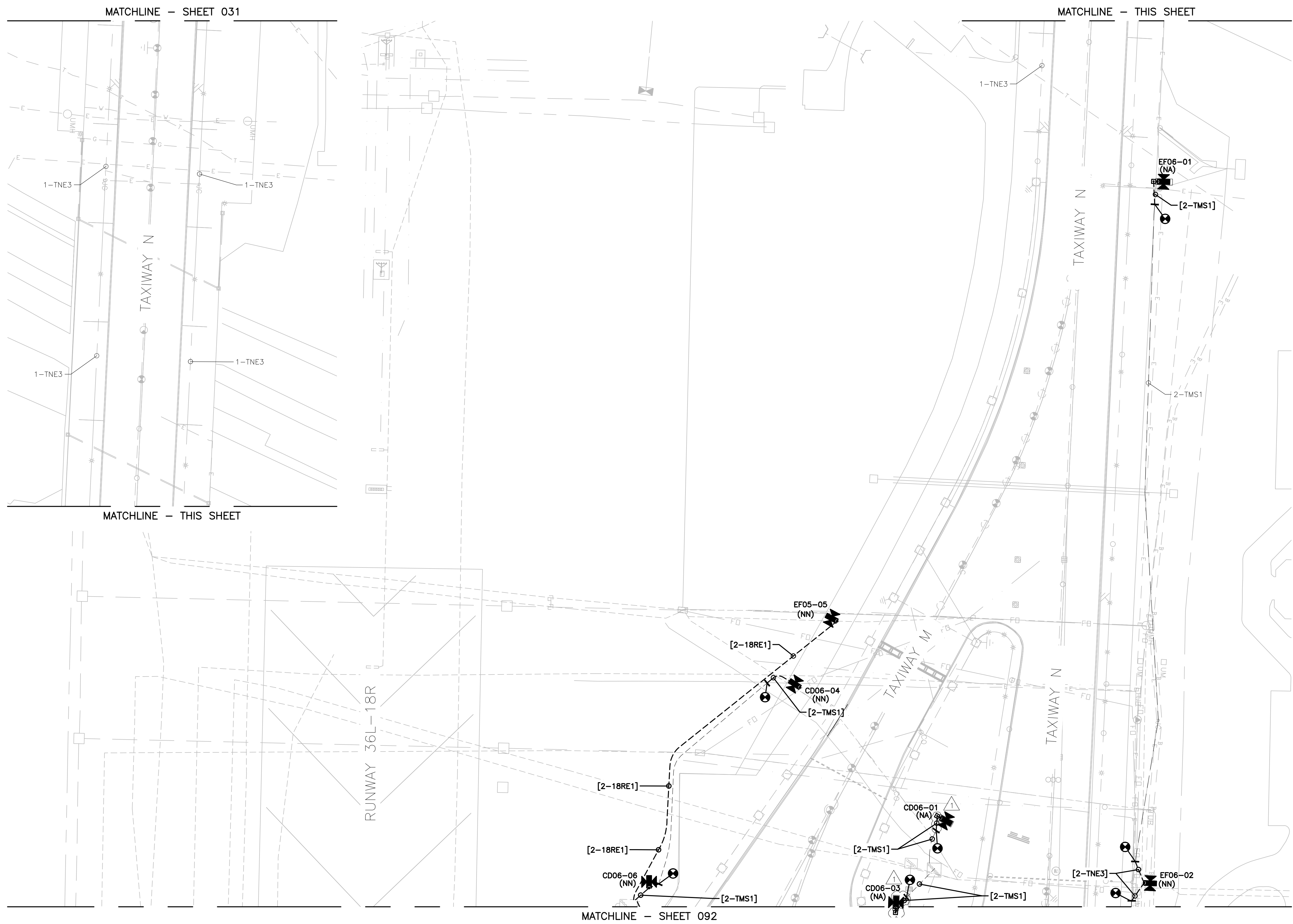
PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

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DATE: 03/26/2021
 SCALE: 1:50

SHEET NO.:
091



MATCHLINE - SHEET 031

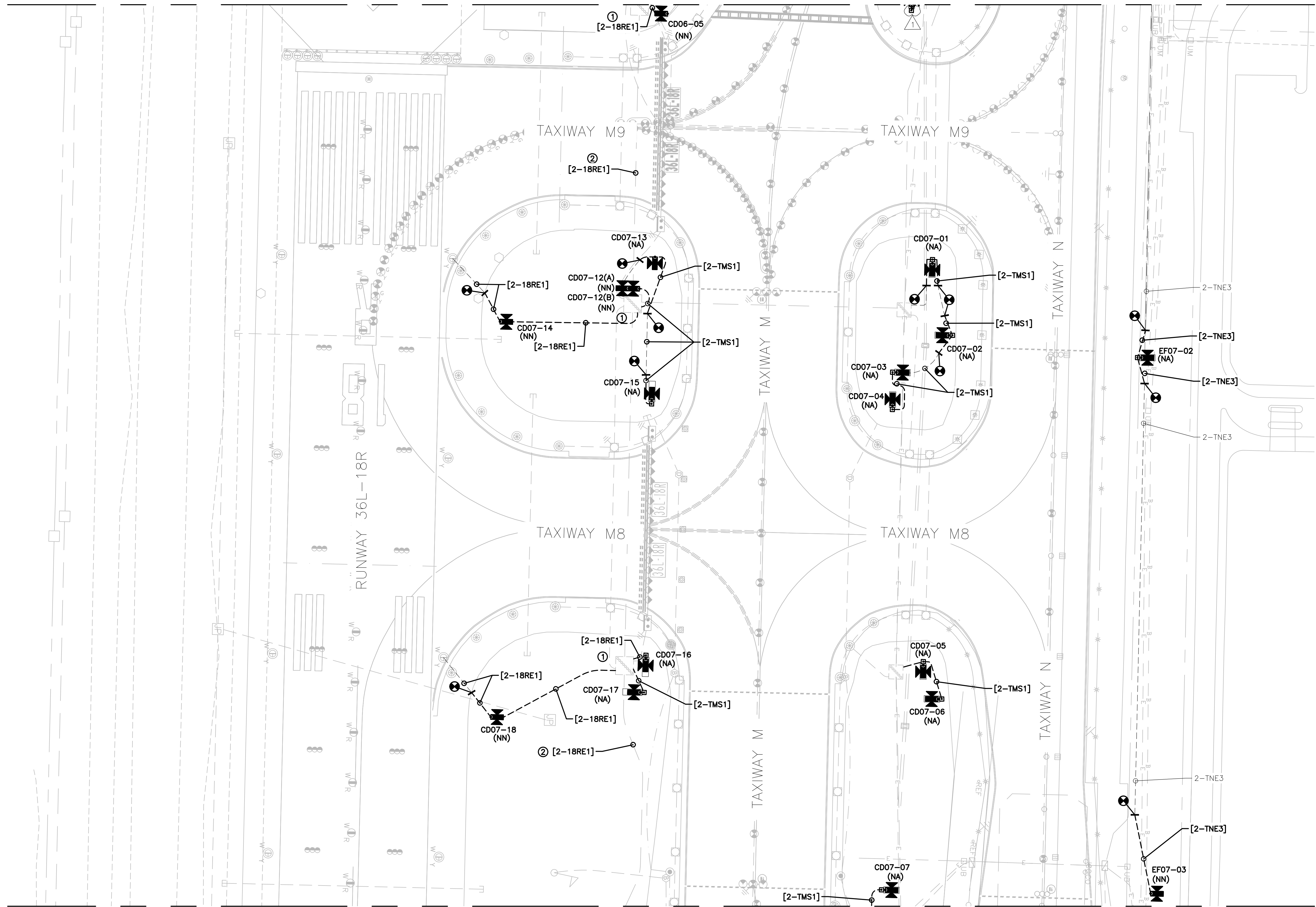
MATCHLINE - THIS SHEET

MATCHLINE - THIS SHEET

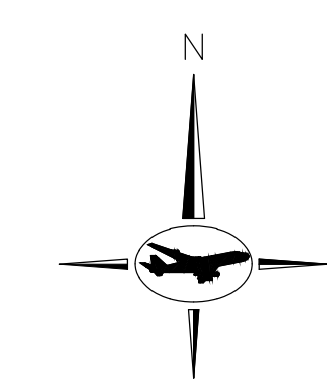
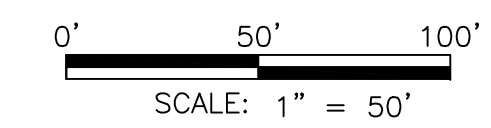
MATCHLINE - SHEET 092

- GENERAL NOTES:**
- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
 - B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
 - C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

MATCHLINE - SHEET 091



MATCHLINE - SHEET 093

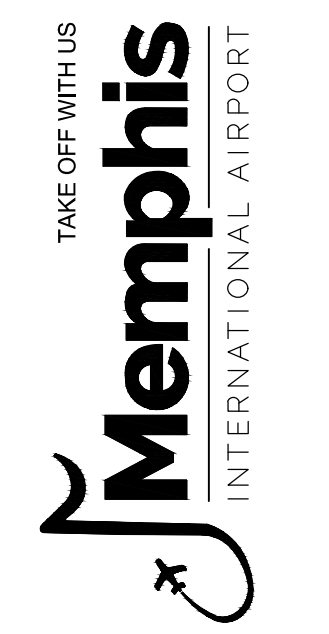


GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
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KEYED NOTES:

- ① ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING DUCTBANK.



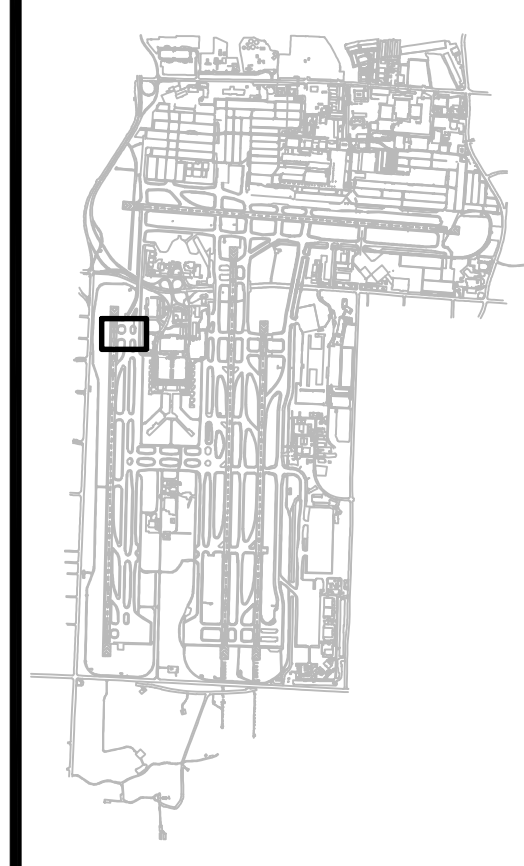
PROGRAM MANAGER
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ENGINEER
 JOB NO.

DRAWN BY: PAT
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]
 DBW



KEY MAP:



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

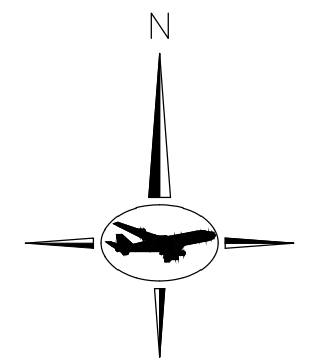
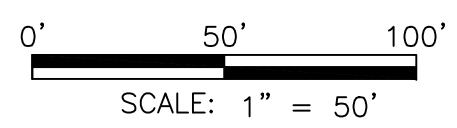
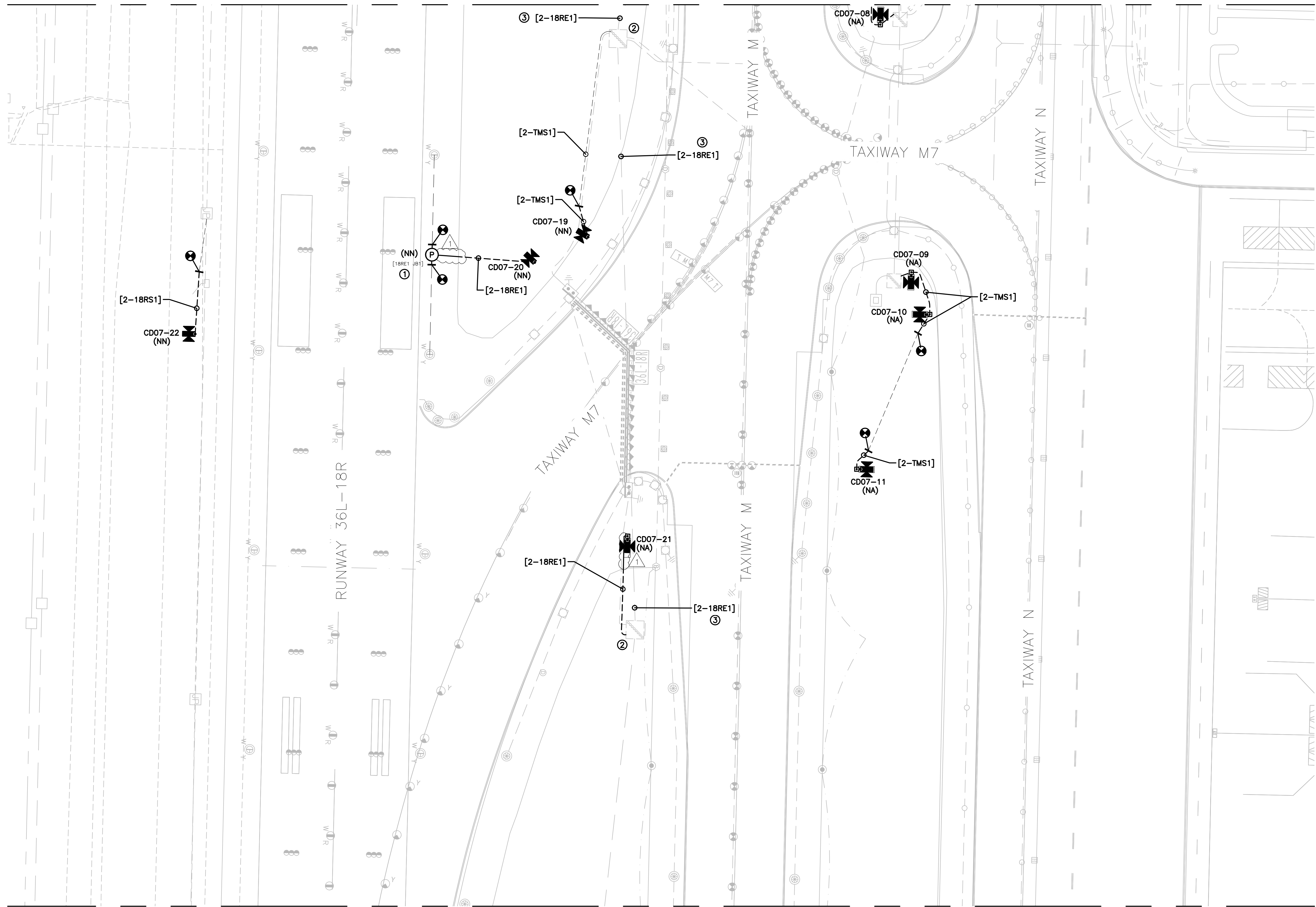
PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME:
18-1415-00-075TO133.DWG
 DATE: 03/26/2021 SHEET NO.: 092
 SCALE: 1:50

MATCHLINE - SHEET 092

MATCHLINE - SHEET 094



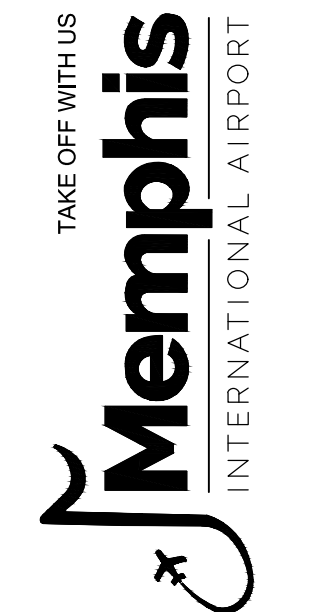
GENERAL NOTES:

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KEYED NOTES:

- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.
- ③ ROUTE NEW CIRCUIT THROUGH EXISTING DUCTBANK.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

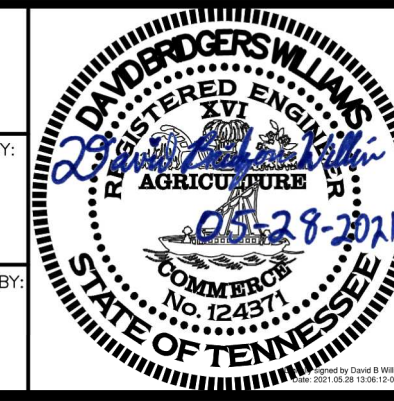
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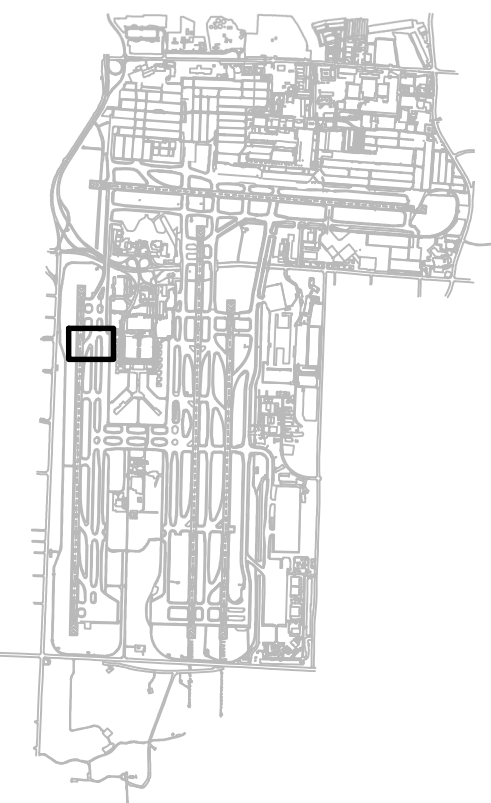
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APPROVED BY:

DBW



KEY MAP:



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
▲	05/27/21	ADDENDUM #1

MSCAA PROJ. NO. **18-1415-01**

PROJECT: **MEM AIRFIELD SIGNAGE REPLACEMENT**

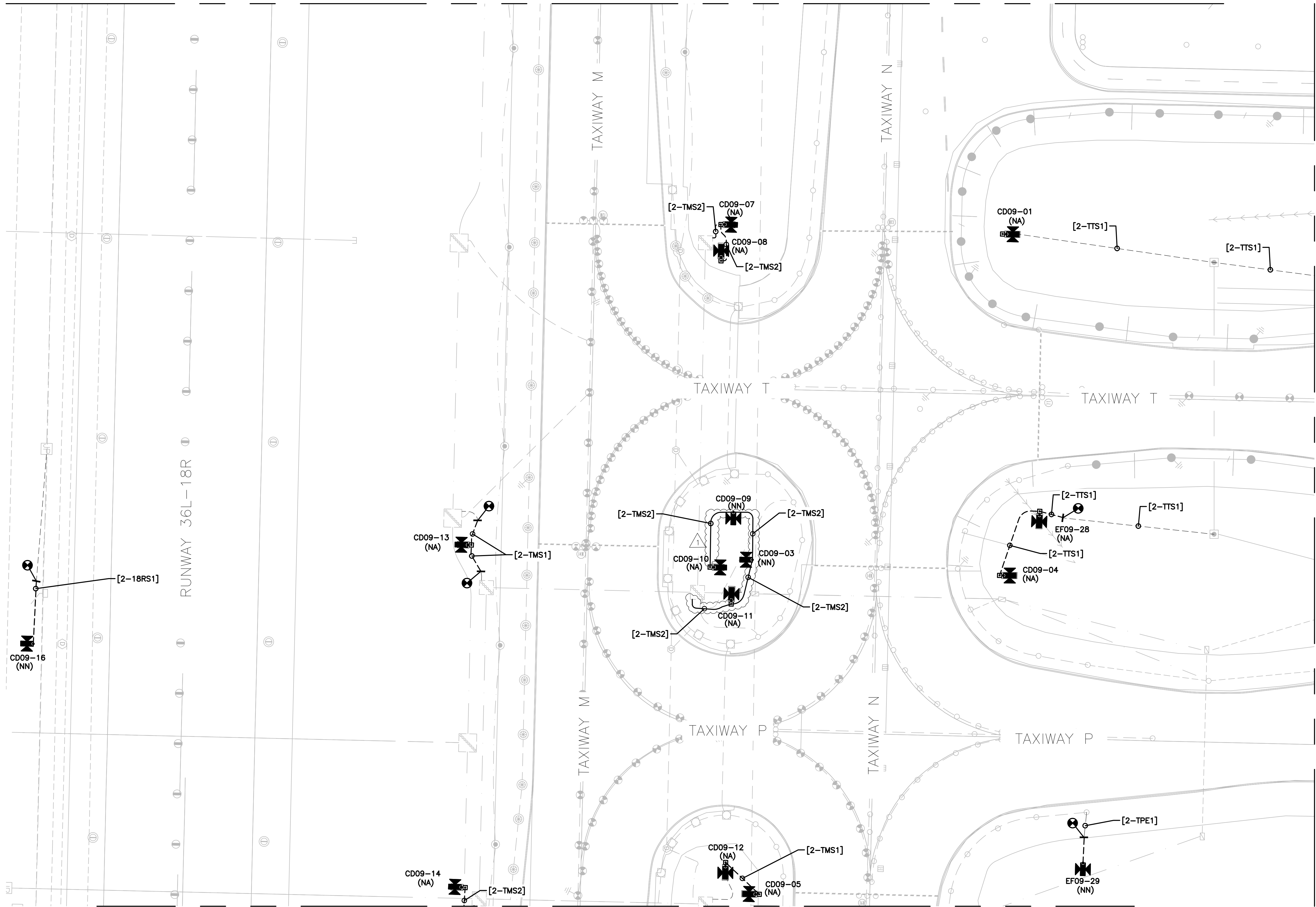
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PROPOSED AREA PLAN

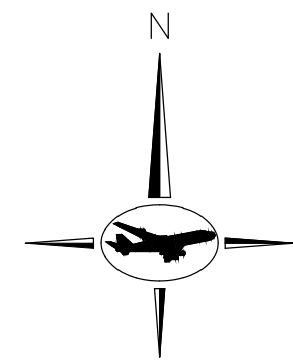
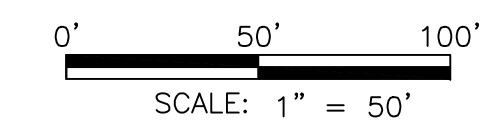
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DATE: **03/26/2021** SHEET NO.:

SCALE: **1:50** **093**



MATCHLINE - SHEET 103



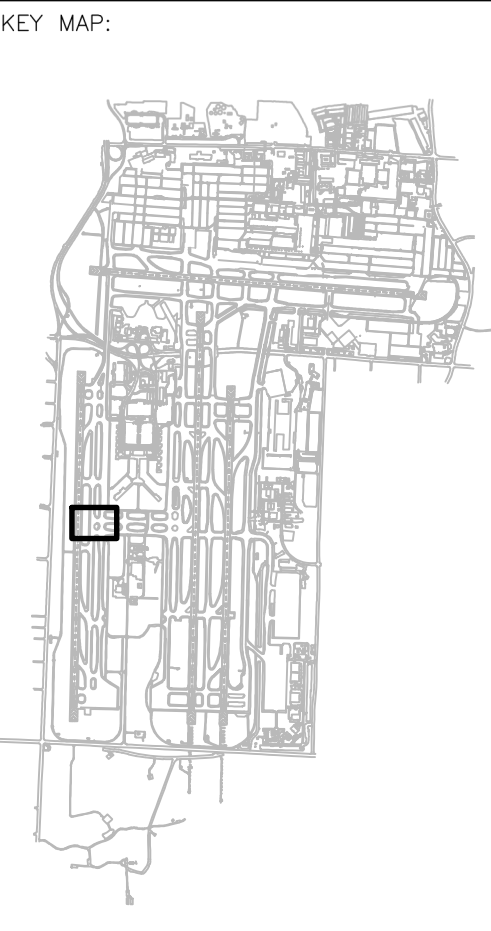
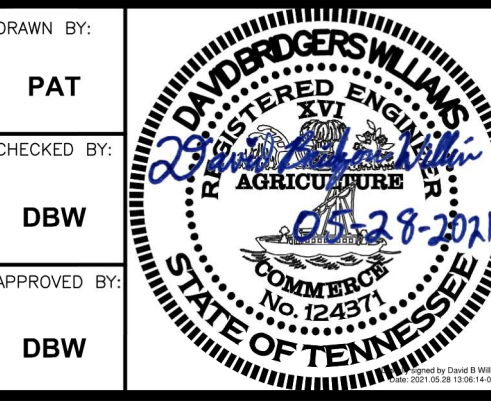
GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
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ENGINEER
 JOB NO.



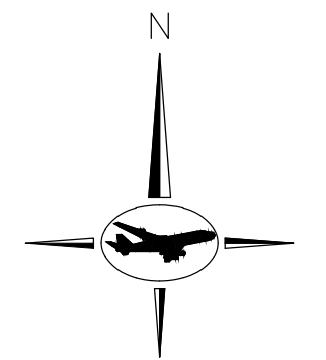
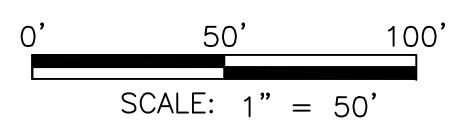
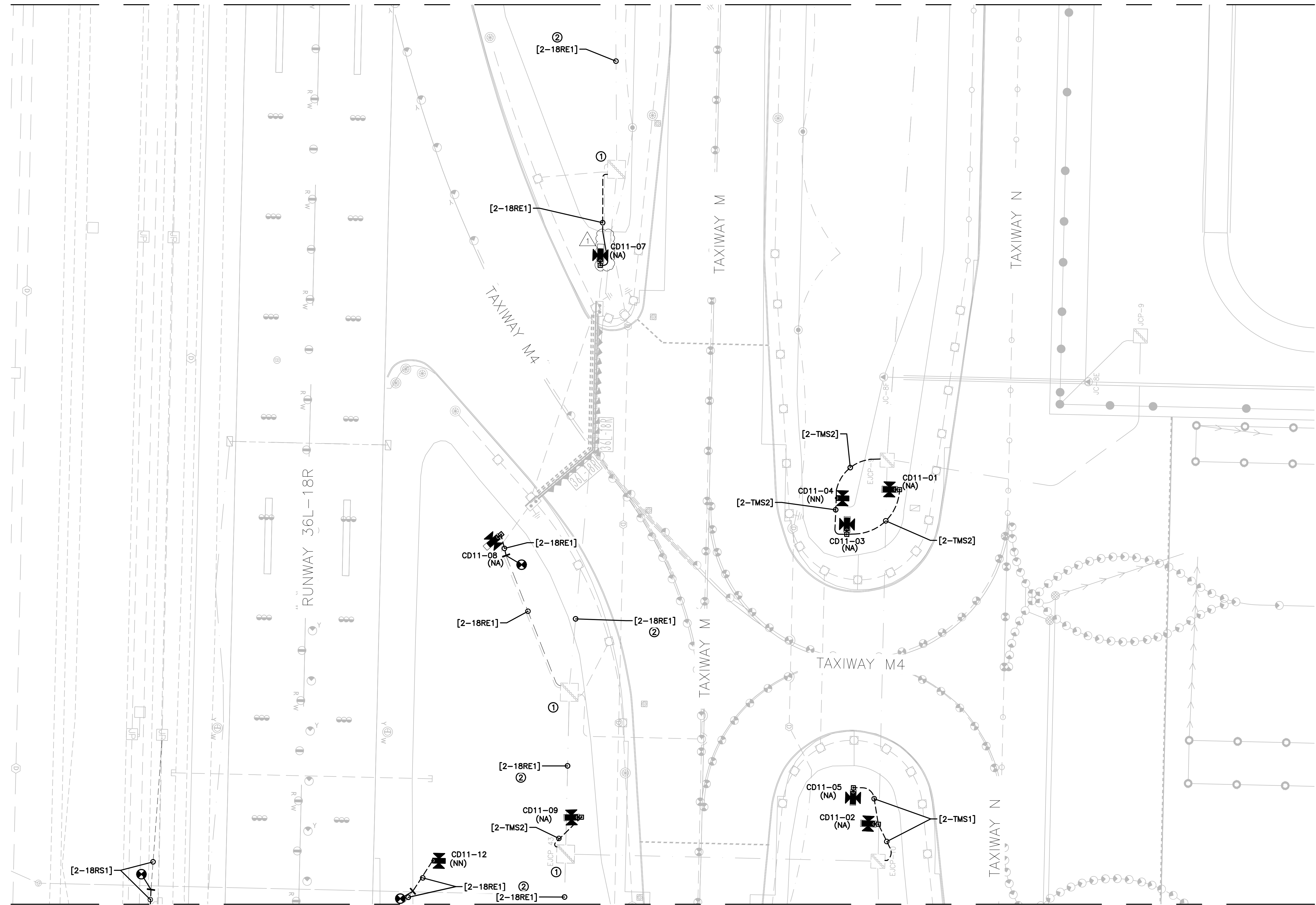
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MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME 18-1415-00-075TO133.DWG	
DATE 03/26/2021	SHEET NO. 096
SCALE 1:50	

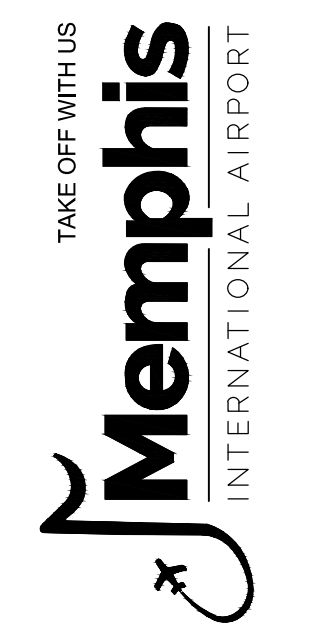


GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

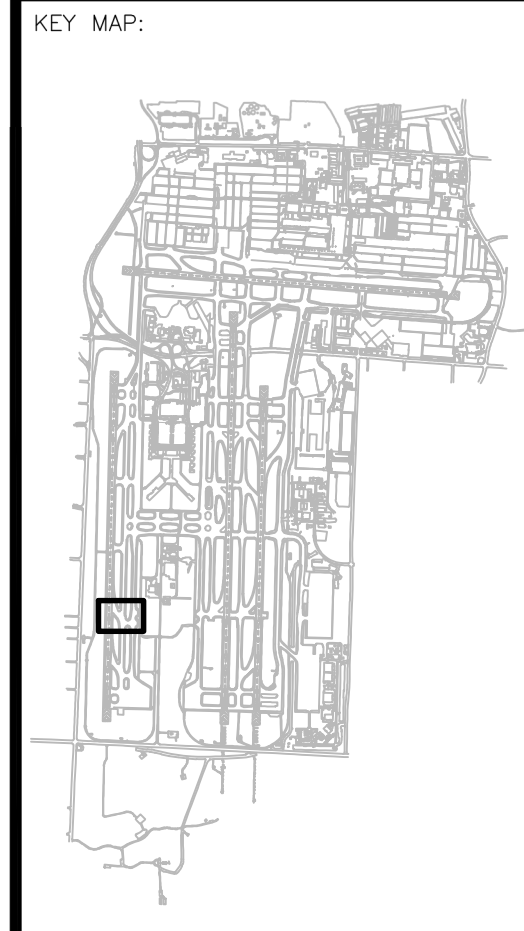
- ① ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING DUCTBANK.



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 DBW



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

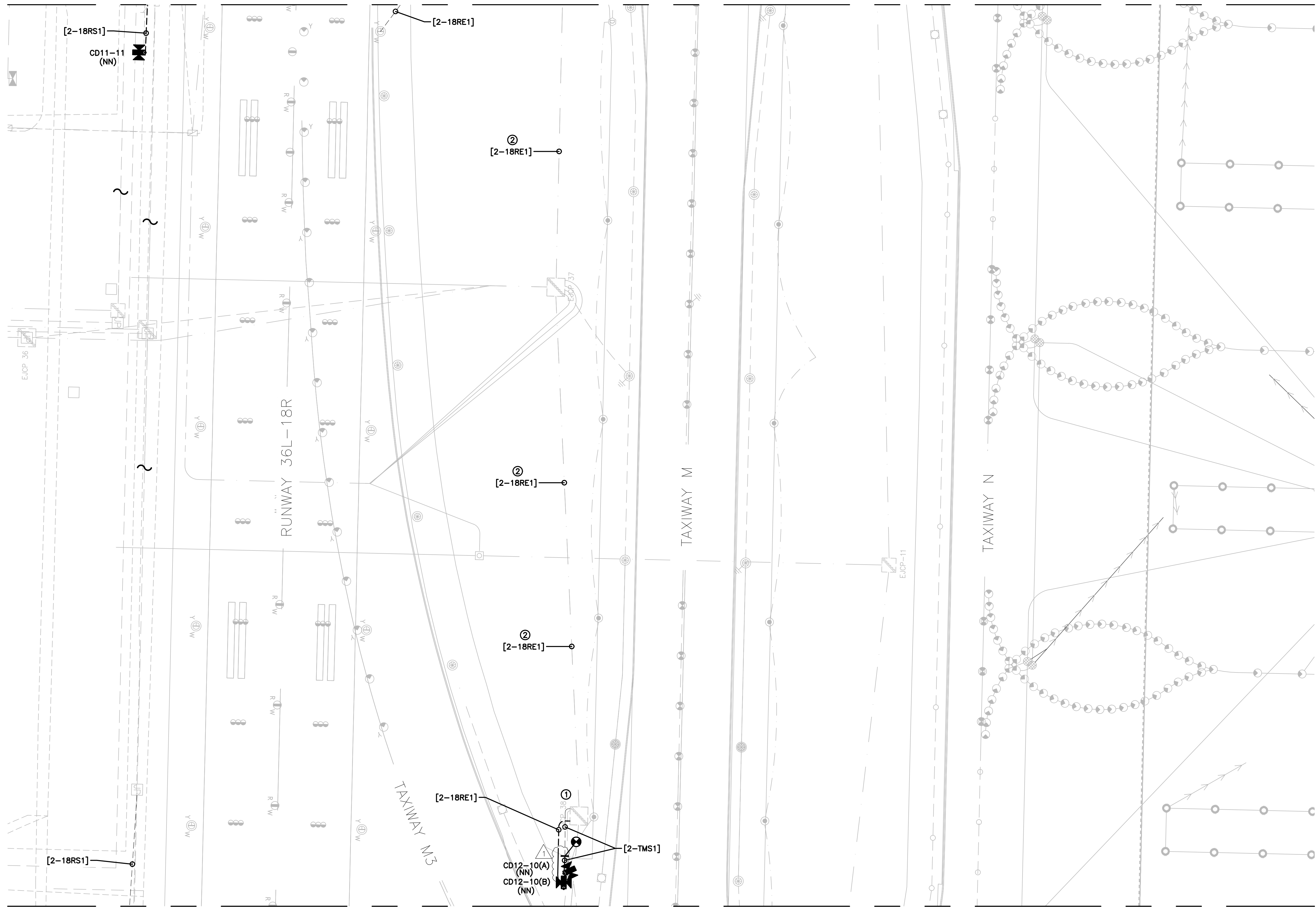
MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME: 18-1415-00-075TO133.DWG

DATE	SHEET NO.
03/26/2021	099
SCALE: 1:50	

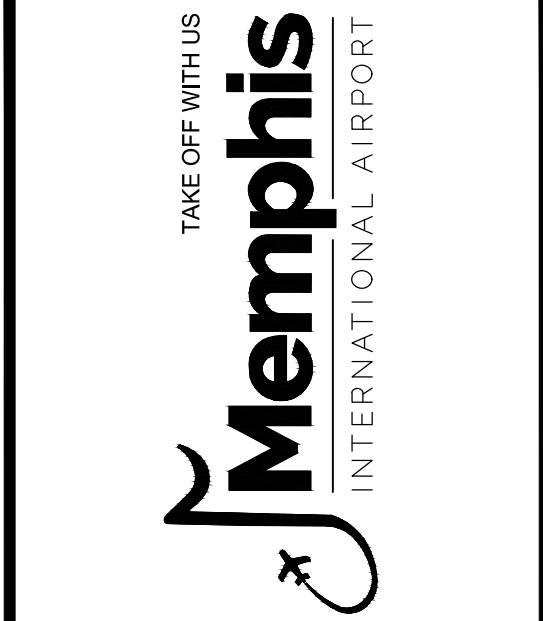
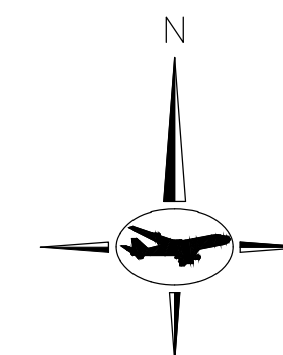
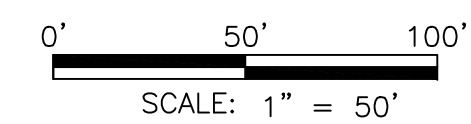


GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

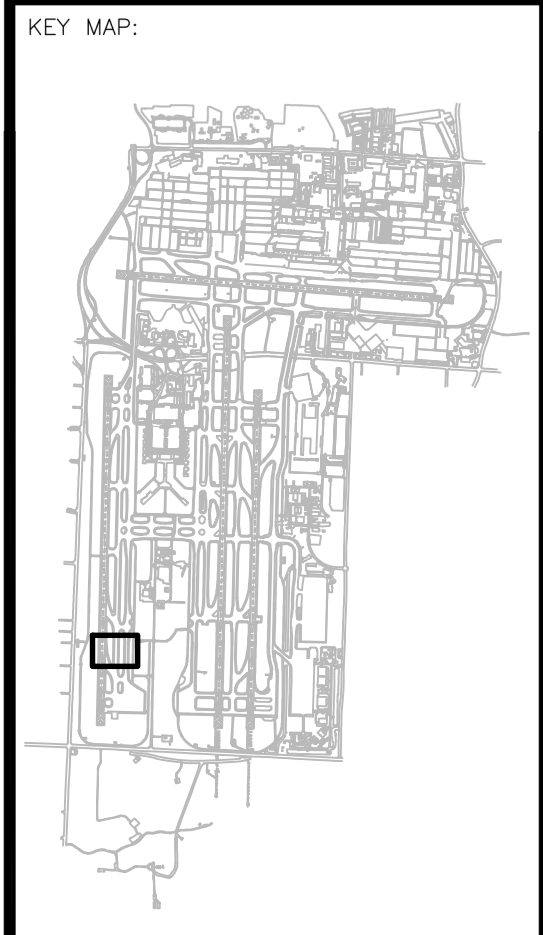
- ① ROUTE NEW CIRCUIT THROUGH EXISTING SPARE CONDUIT IN DUCT BANK. UTILIZE SPARE JUNCTION BASE "PULLCAN" IN EXISTING JUNCTION BOX PLAZAS.
- ② ROUTE NEW CIRCUIT THROUGH EXISTING DUCTBANK.



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Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

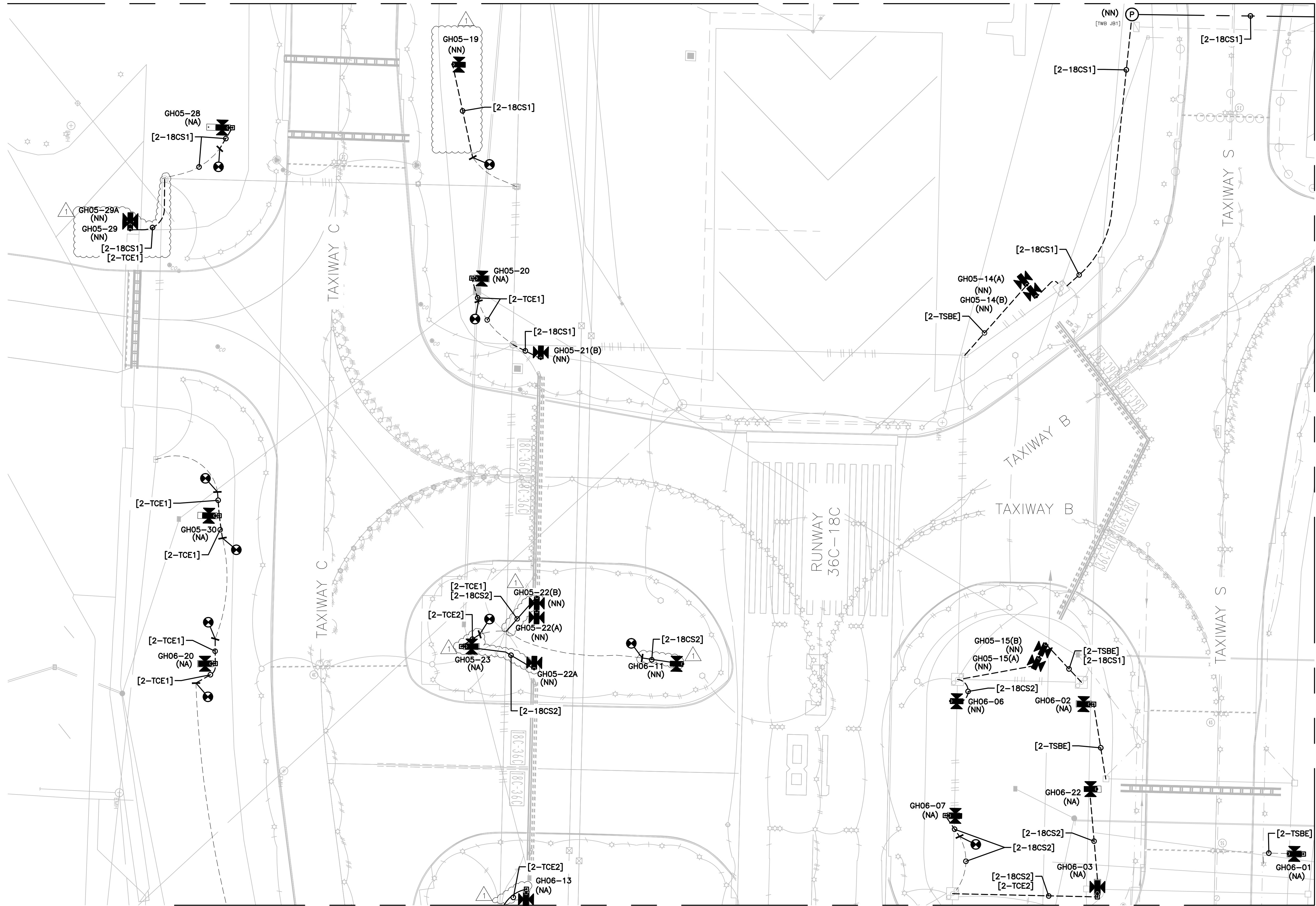
PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME:
18-1415-00-075TO133.DWG
 DATE: 03/26/2021 SHEET NO.: 100
 SCALE: 1:50

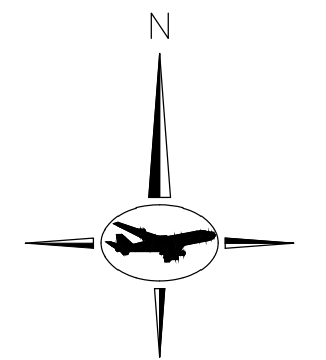
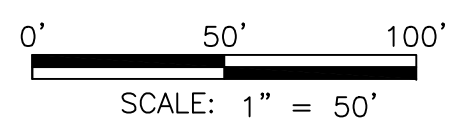
MATCHLINE - SHEET 084

MATCHLINE - SHEET 085



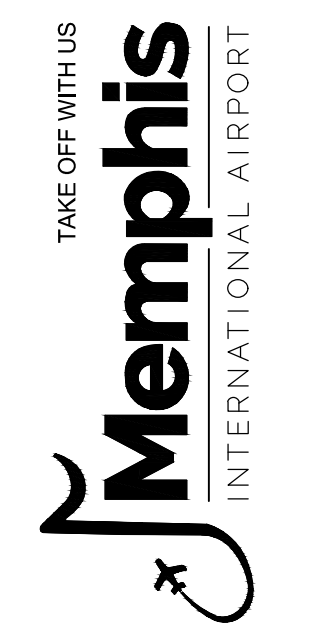
MATCHLINE - SHEET 105

MATCHLINE - SHEET 106



GENERAL NOTES:

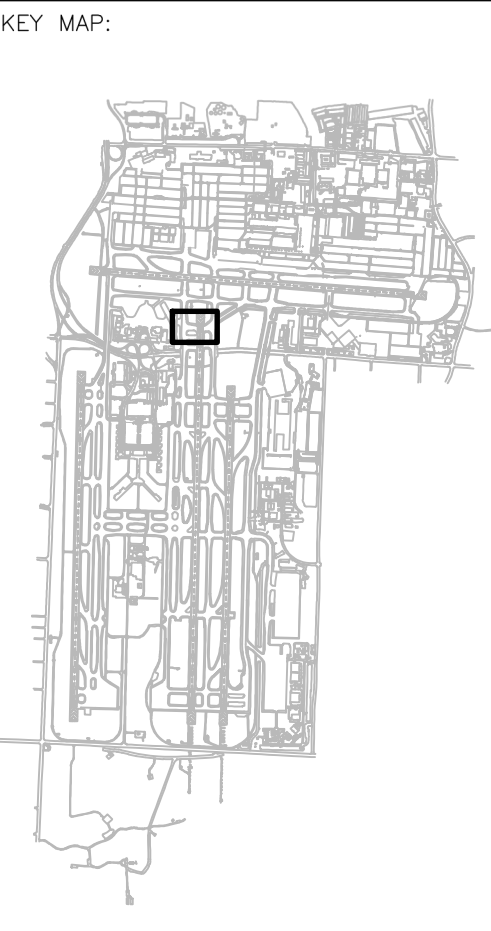
- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.



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	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

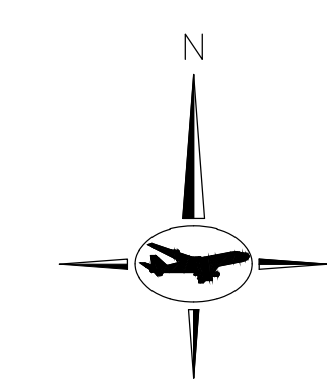
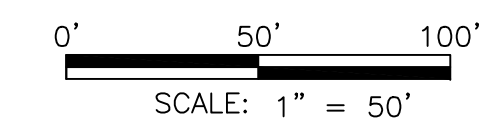
SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME 18-1415-00-075TO133.DWG	
DATE 03/26/2021	SHEET NO. 104
SCALE 1:50	



MATCHLINE - SHEET 107

MATCHLINE - SHEET 108



GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

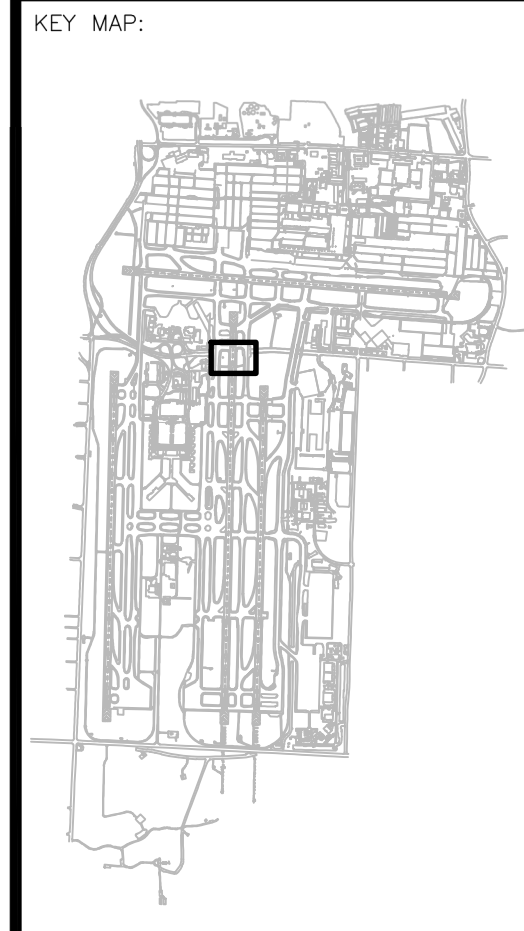


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▲	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

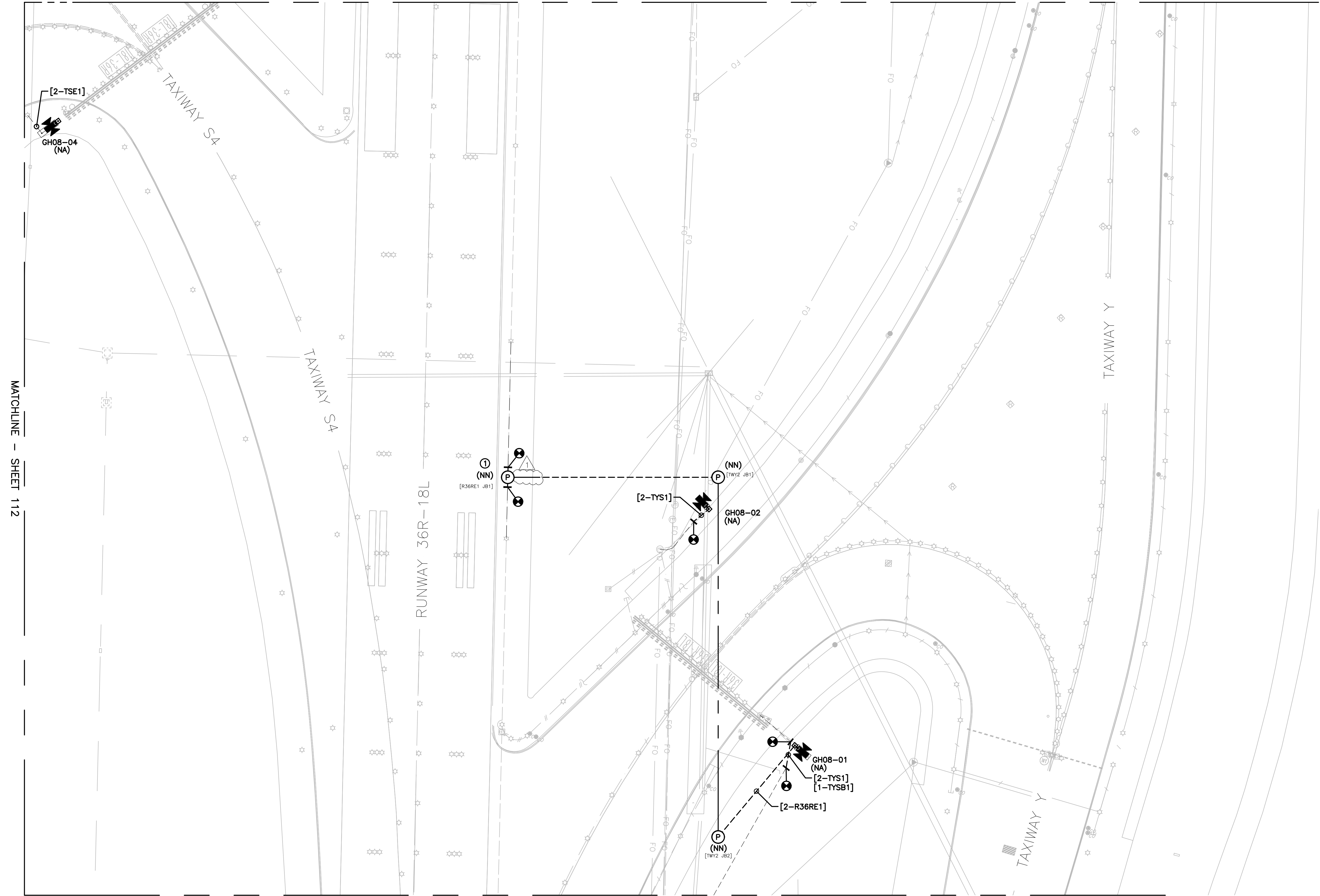
PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME:
18-1415-00-075TO133.DWG
 DATE: 03/26/2021 SHEET NO.: 106
 SCALE: 1:50

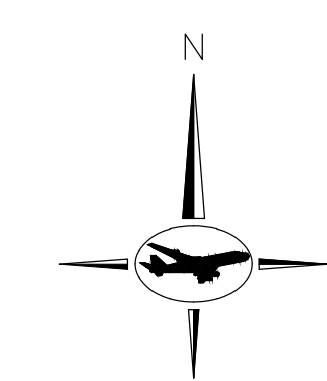
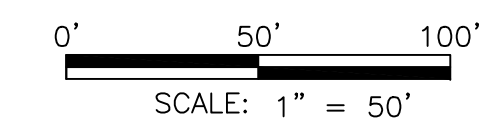
MATCHLINE - SHEET 110

MATCHLINE - SHEET 111



MATCHLINE - SHEET 112

MATCHLINE - SHEET 115

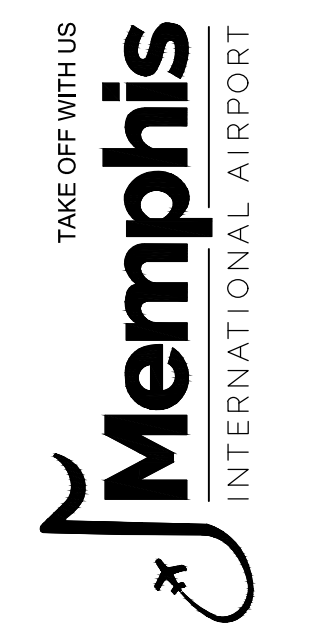


GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.

KEYED NOTES:

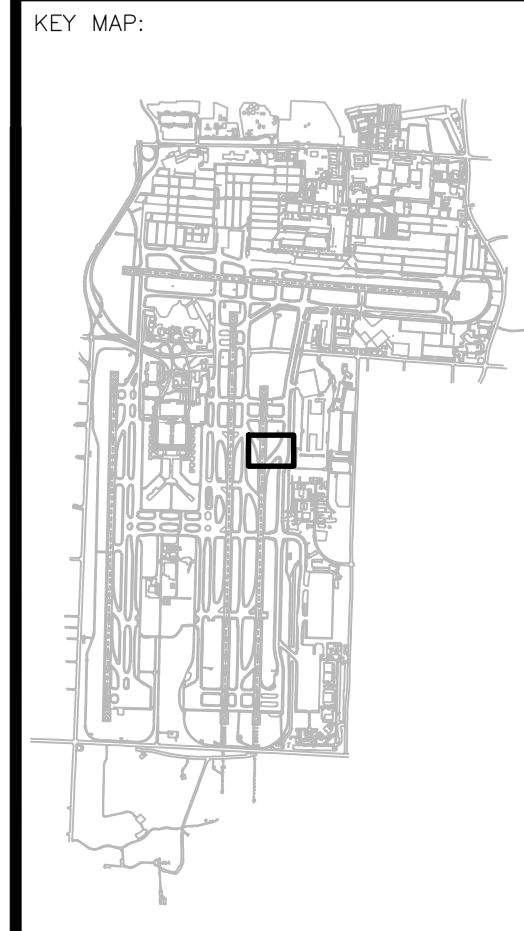
- ① CORE DRILL THROUGH EXISTING PAVEMENT. PROVIDE JUNCTION BASE "PULLCAN" AND CONDUIT. CONNECT THE L-823 CONNECTORS IN THE EXISTING LIGHT BASES WITH NEW L-824 PRIMARY 5KV CABLE AND EXTEND THE CIRCUIT WHERE SHOWN. REFER TO SHEET 176 FOR ADDITIONAL INFORMATION.



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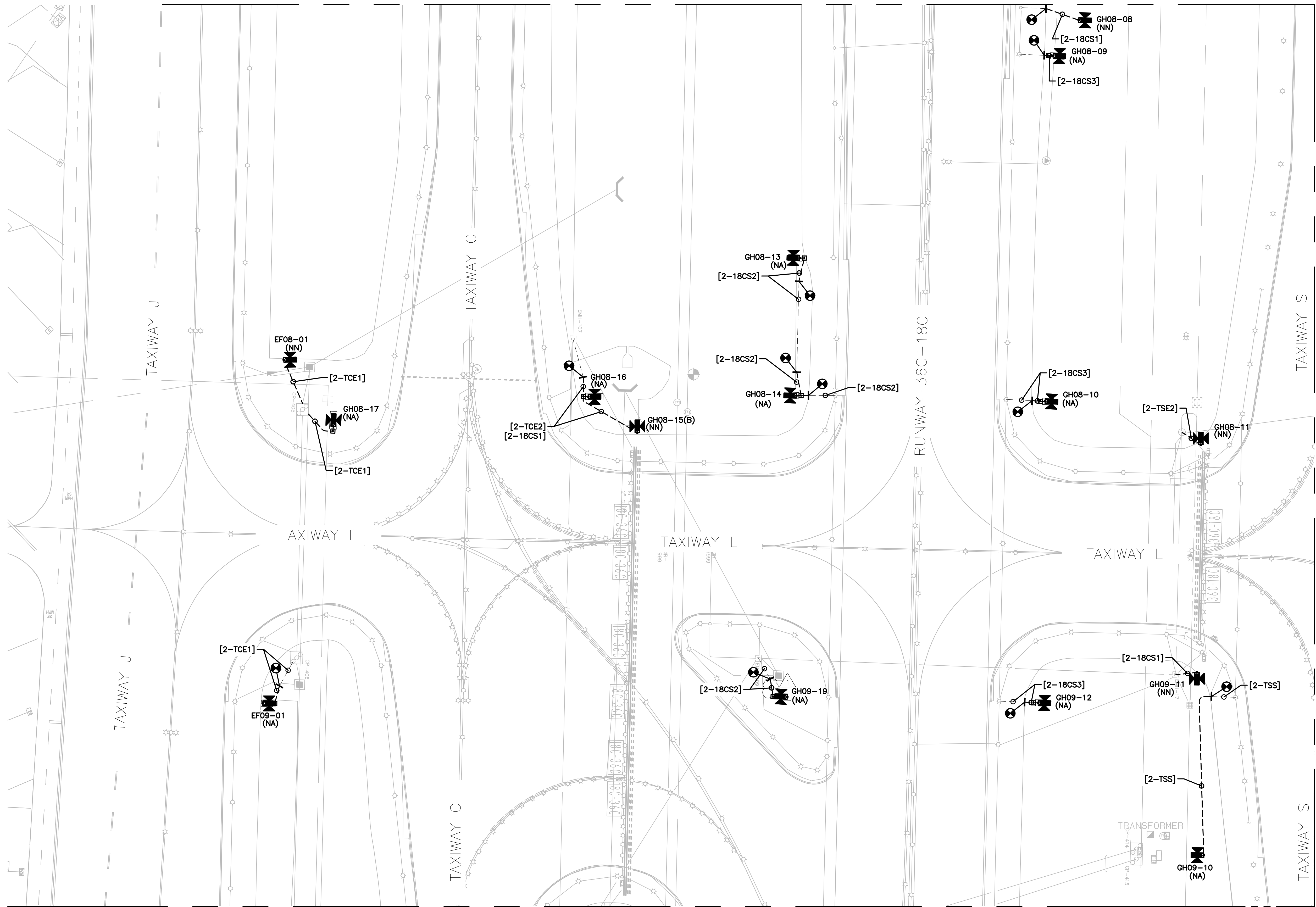
MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

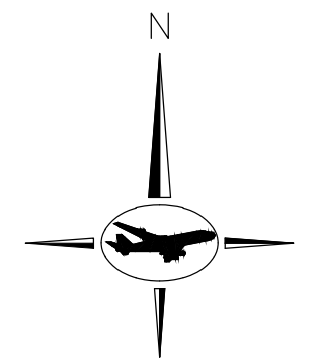
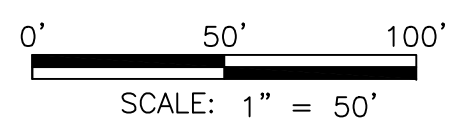
DWG. FILE NAME: 18-1415-00-075TO133.DWG

DATE	SHEET NO.
03/26/2021	113
SCALE: 1:50	



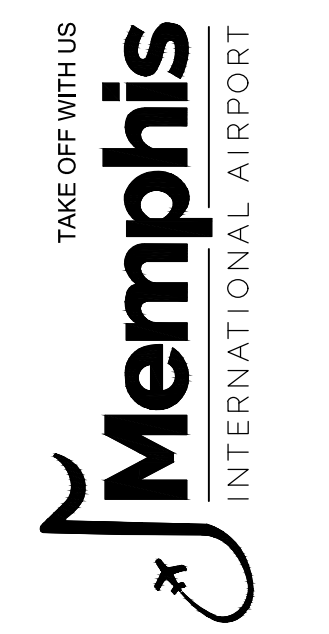
MATCHLINE - SHEET 116

MATCHLINE - SHEET 117



GENERAL NOTES:

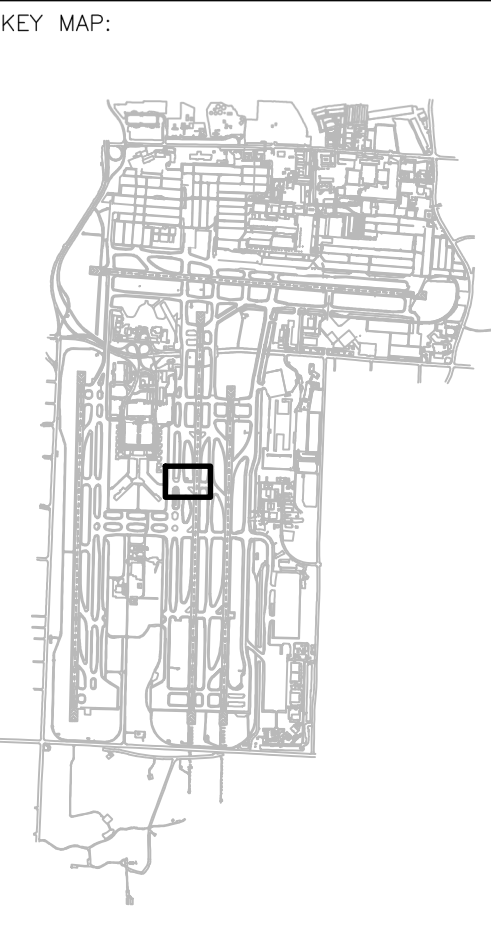
- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.



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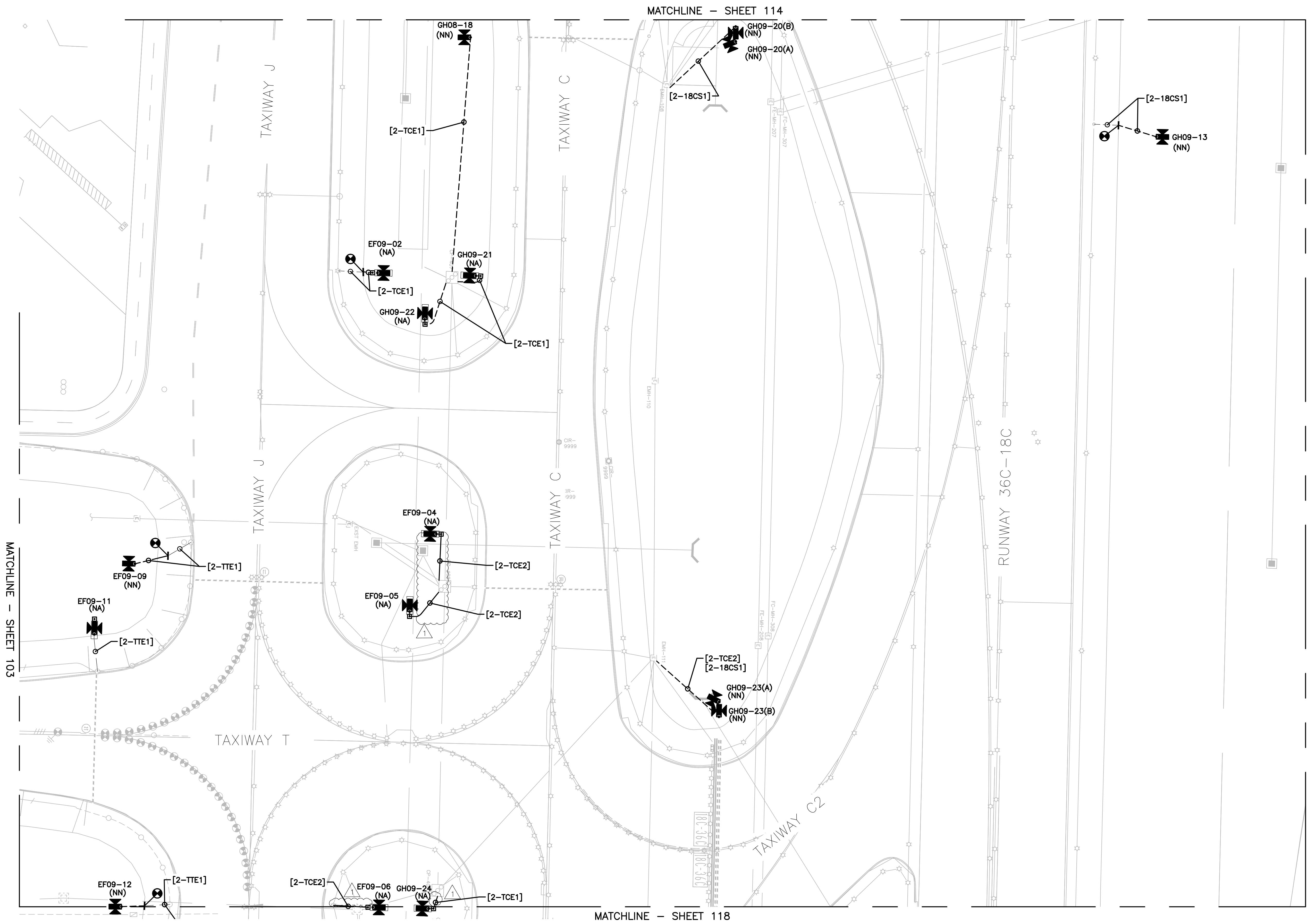
REVISIONS		
MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME 18-1415-00-075TO133.DWG	
DATE 03/26/2021	SHEET NO. 114
SCALE 1:50	

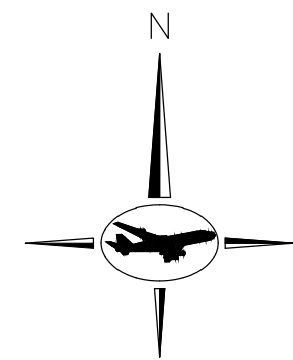
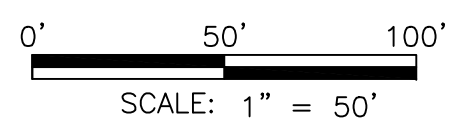


MATCHLINE - SHEET 114

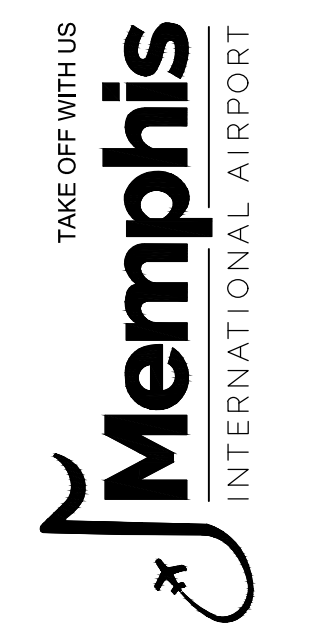
MATCHLINE - SHEET 103

MATCHLINE - SHEET 117

MATCHLINE - SHEET 118



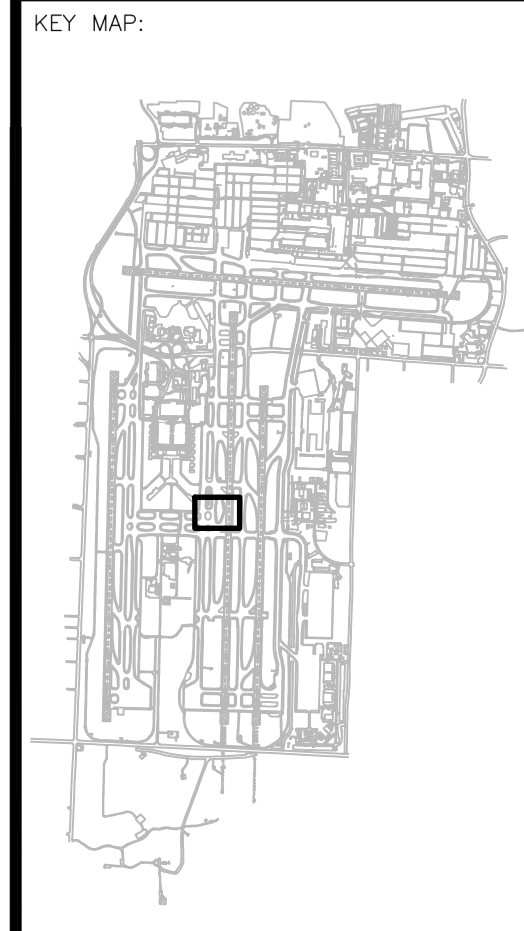
- GENERAL NOTES:**
- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
 - B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
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△	05/27/21	ADDENDUM #1

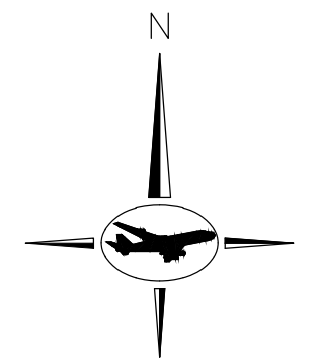
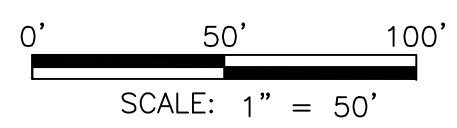
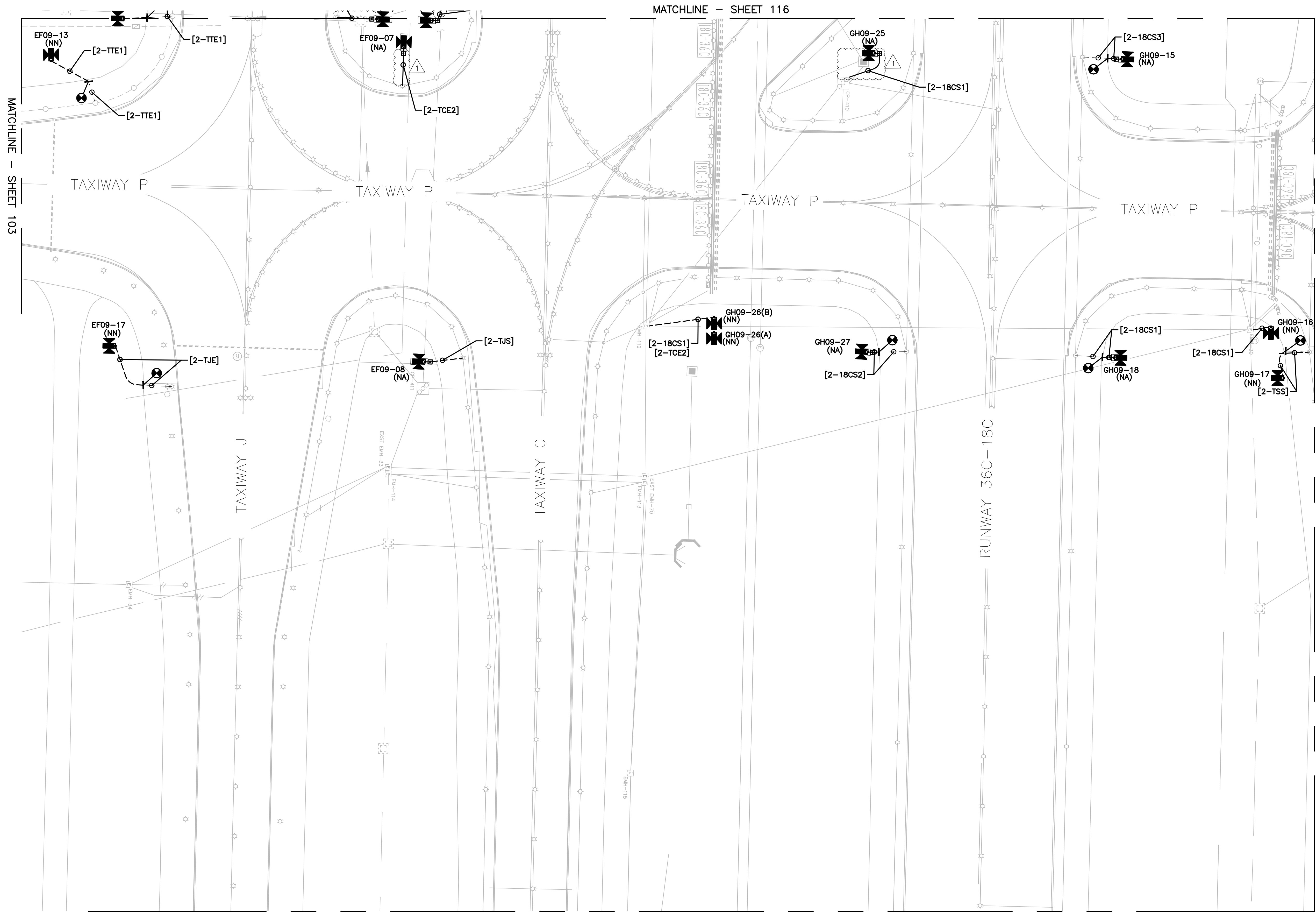
MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

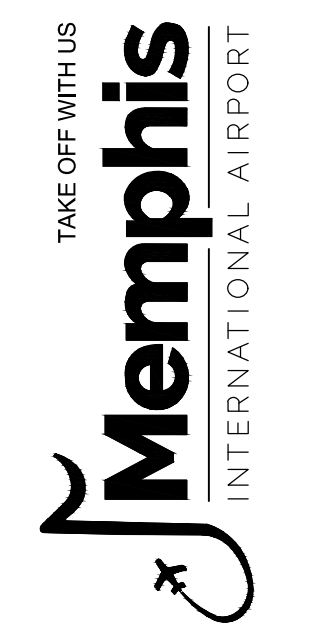
SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME: 18-1415-00-075TO133.DWG

DATE	SHEET NO.
03/26/2021	116
SCALE: 1:50	



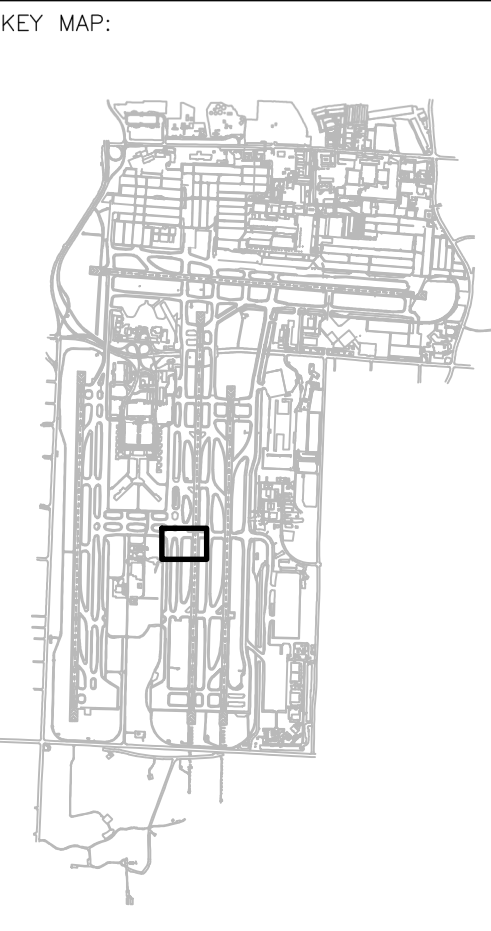
- GENERAL NOTES:**
- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
 - B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
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MSCAA PROJ. NO.
18-1415-01

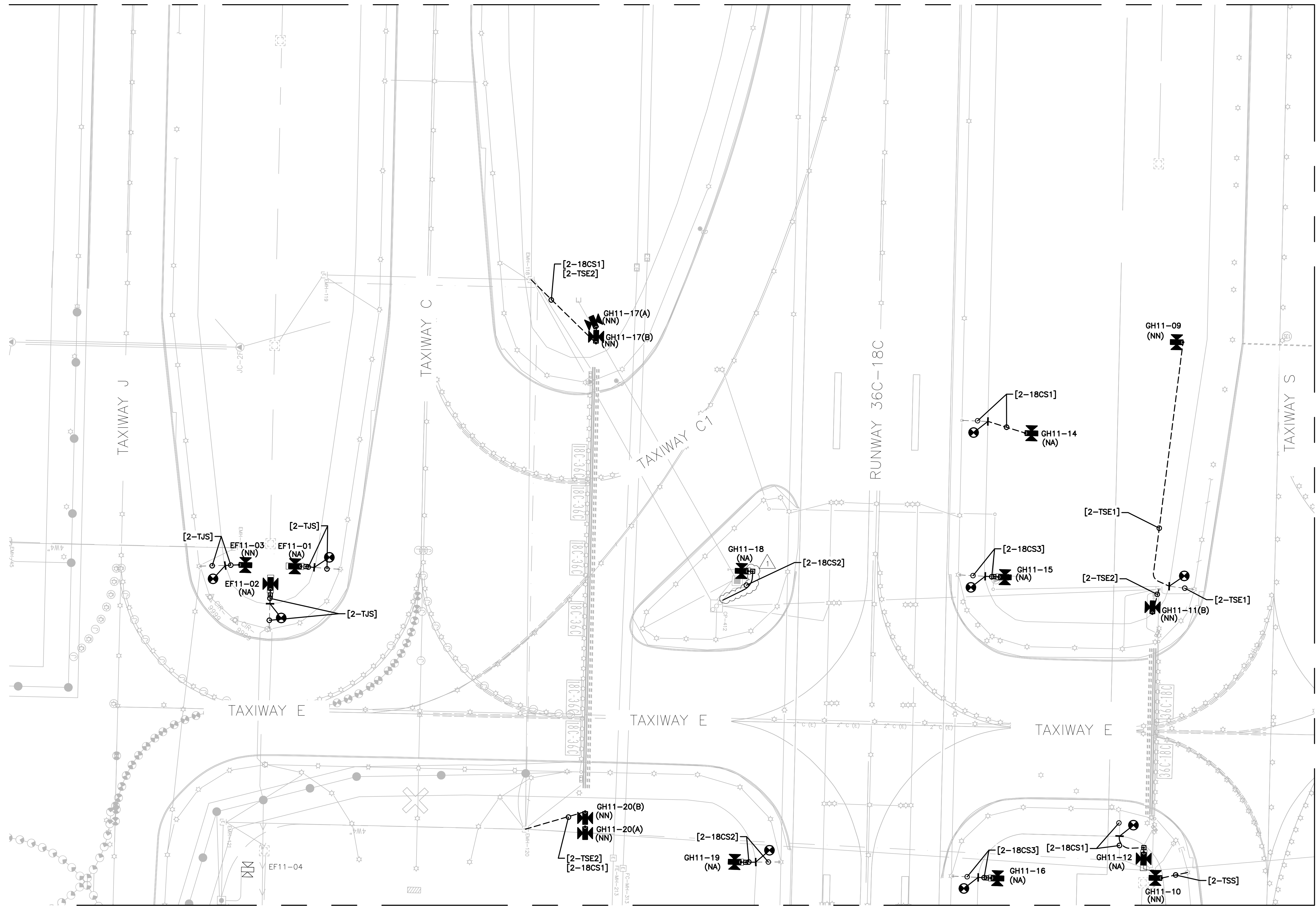
PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

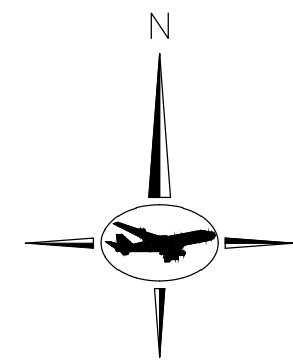
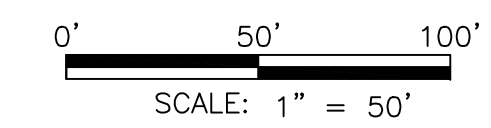
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DATE: 03/26/2021
 SCALE: 1:50

SHEET NO.:
118



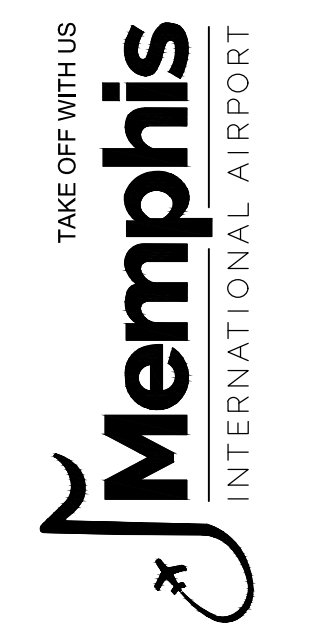
MATCHLINE - SHEET 125



MATCHLINE - SHEET 127

GENERAL NOTES:

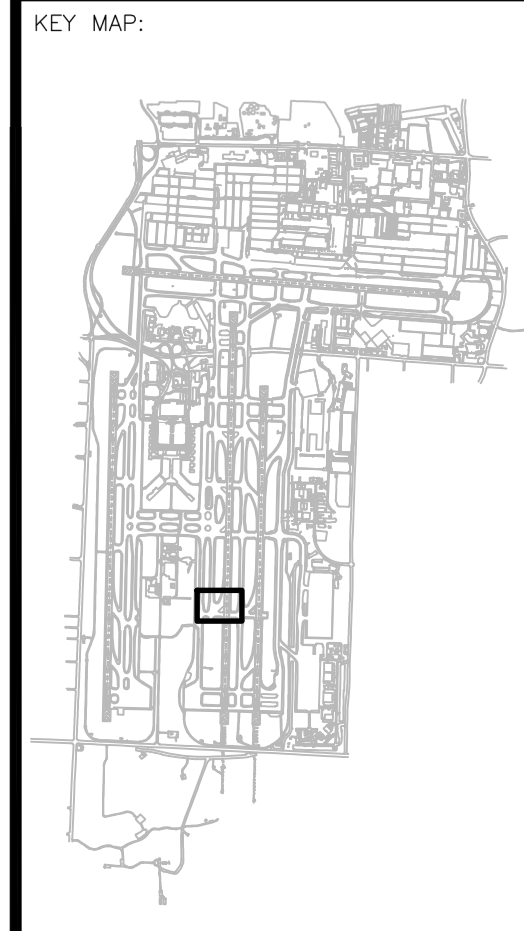
- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.



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REVISIONS		
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Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

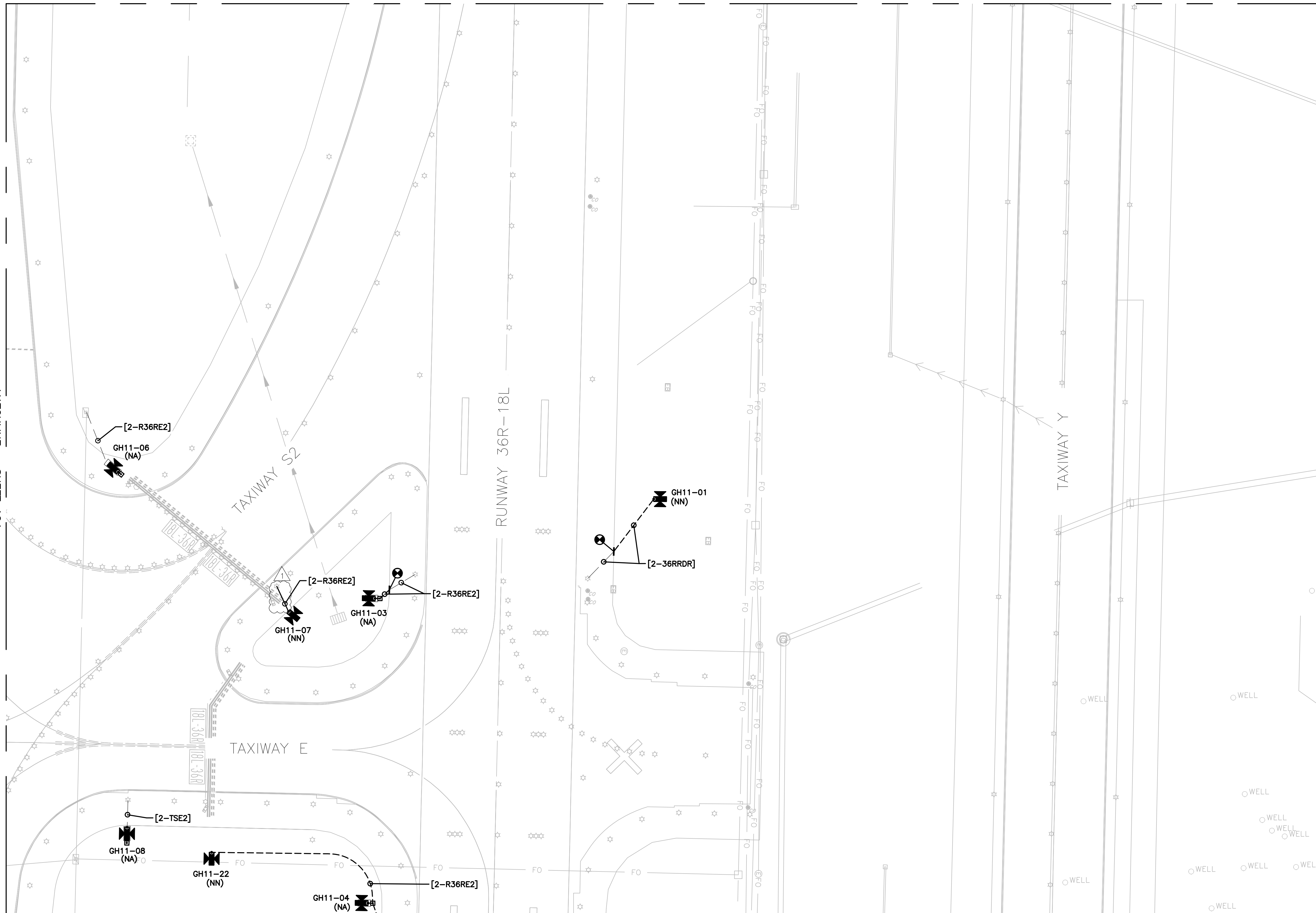
SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME 18-1415-00-075TO133.DWG	
DATE 03/26/2021	SHEET NO. 124
SCALE 1:50	

MATCHLINE - SHEET 124

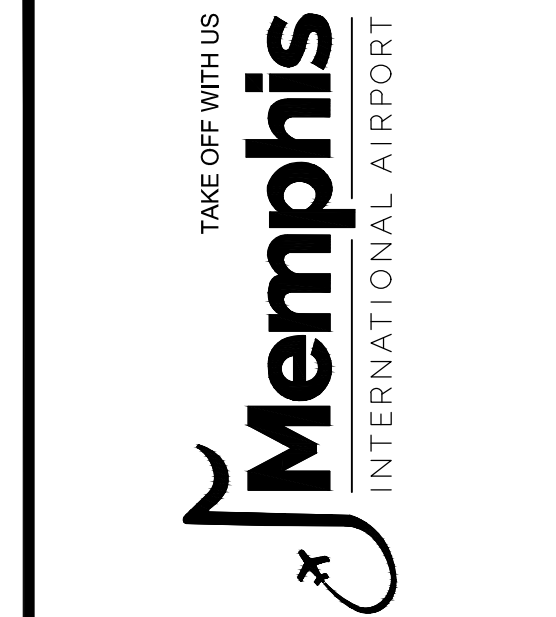
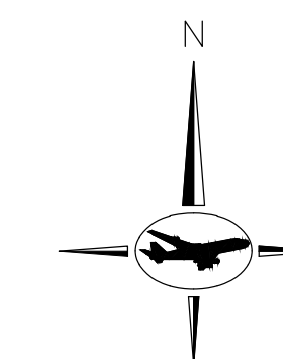
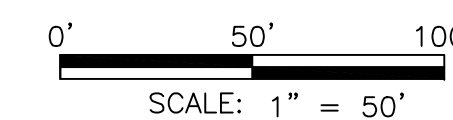
MATCHLINE - SHEET 126

MATCHLINE - SHEET 128



GENERAL NOTES:

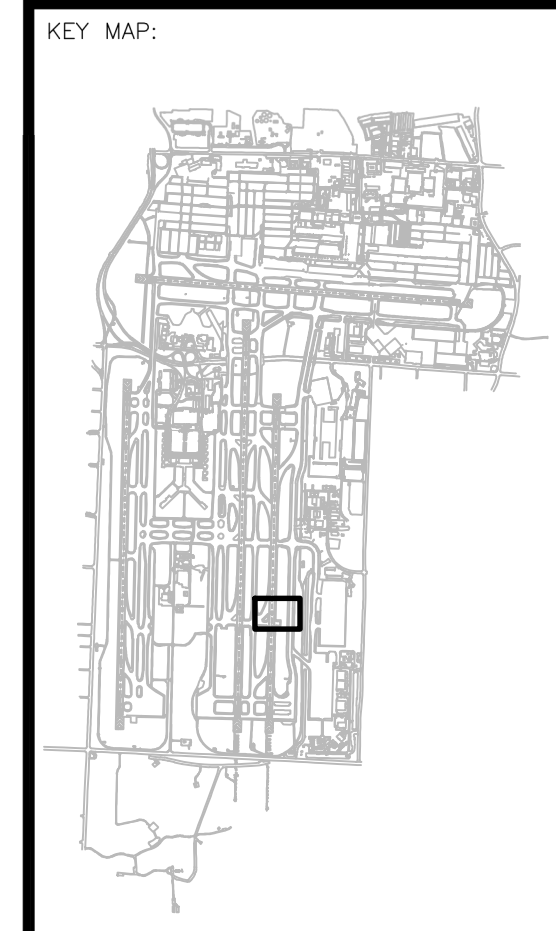
- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
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 APPROVED BY: [Signature]
 DBW



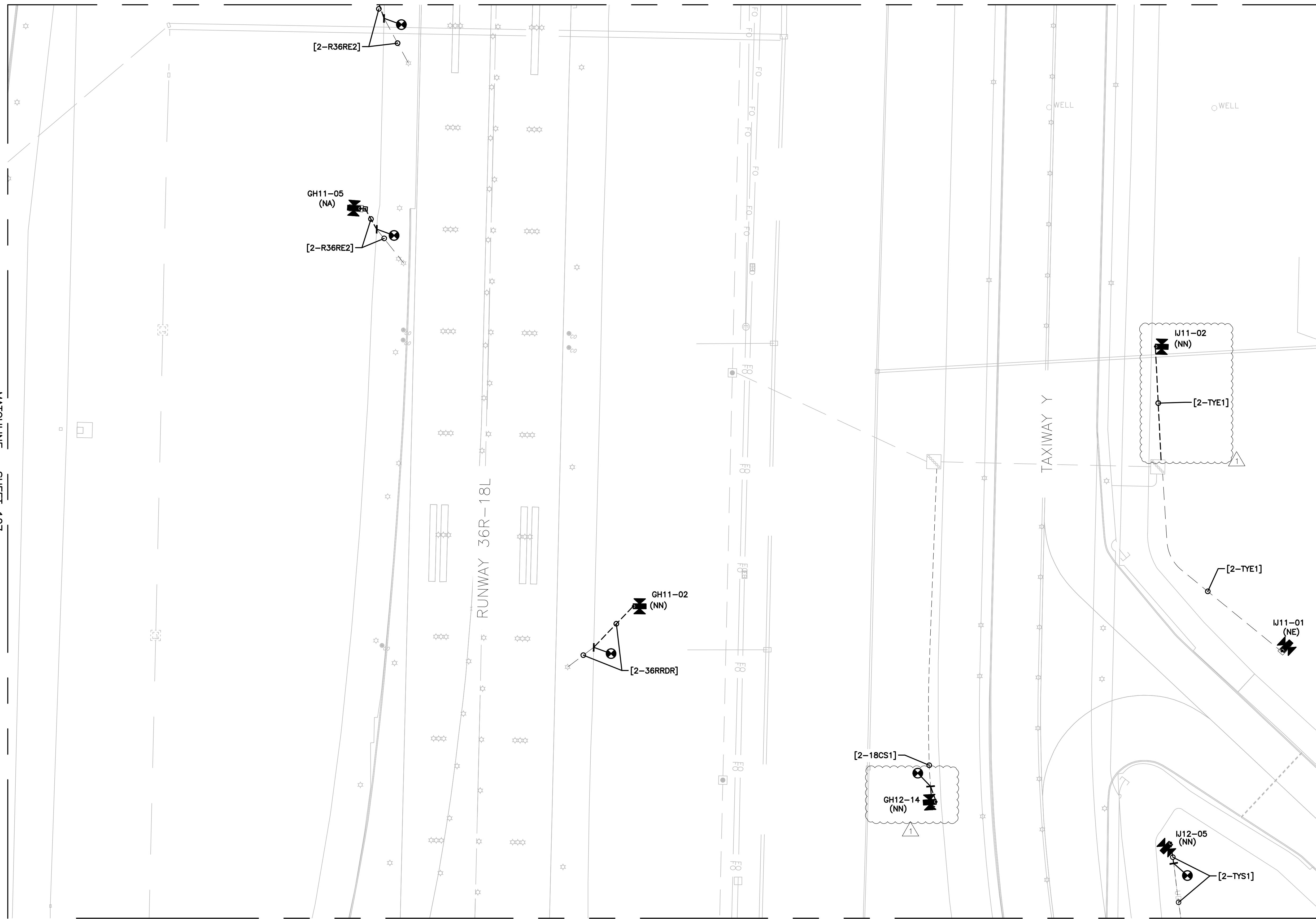
REVISIONS		
MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
▲	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

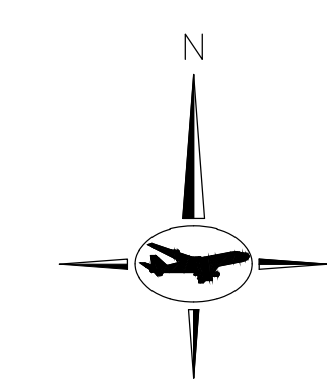
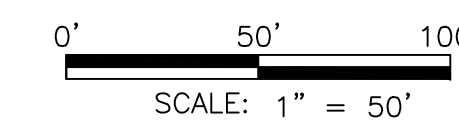
SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME 18-1415-00-075TO133.DWG	
DATE 03/26/2021	SHEET NO. 125
SCALE 1:50	



GENERAL NOTES:

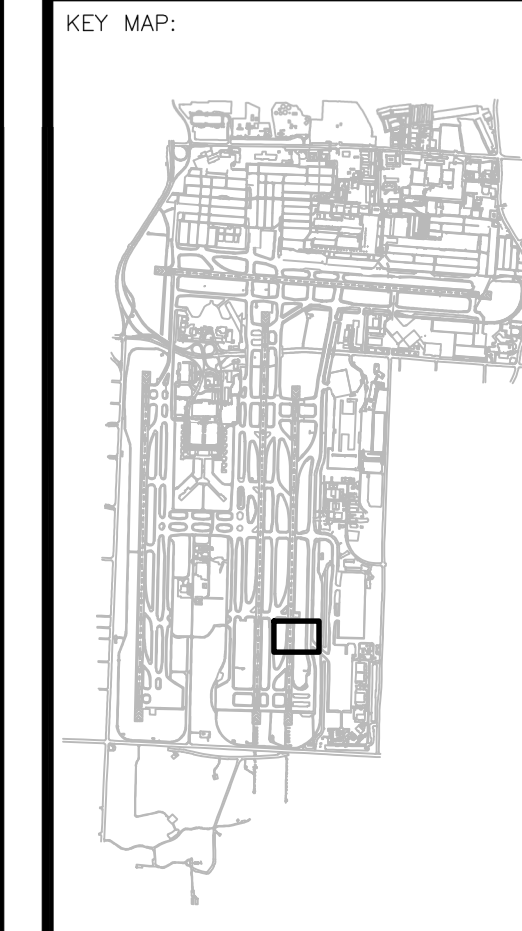
- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.



PROGRAM MANAGER
ARORA Ara Engineers, Inc.
 1600 Market Street
 Suite 1630
 Philadelphia, PA 19103
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ENGINEER
 JOB NO.

DRAWN BY: PAT
 CHECKED BY: DBW
 APPROVED BY: DBW



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

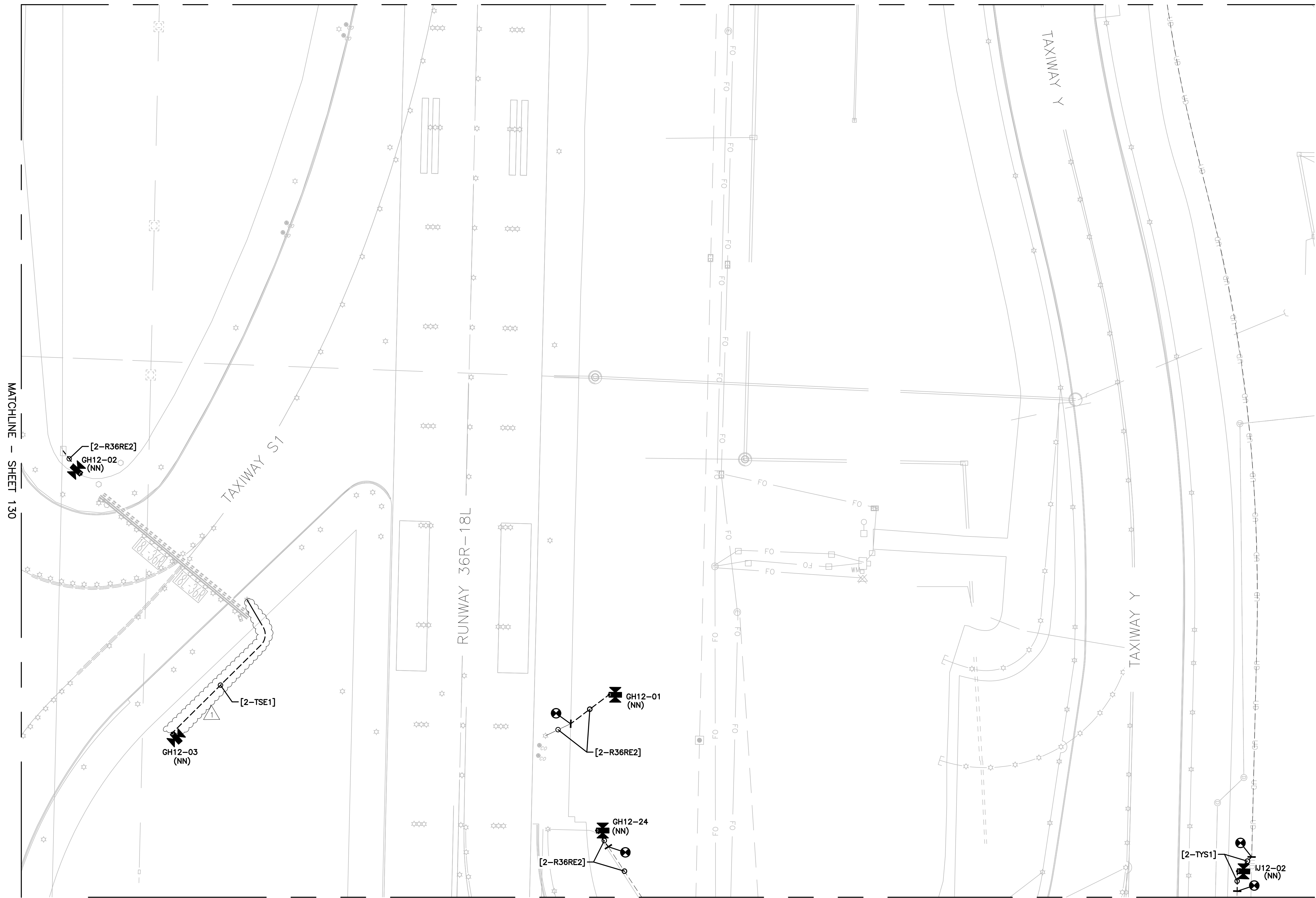
MSCAA PROJ. NO.
18-1415-01

PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

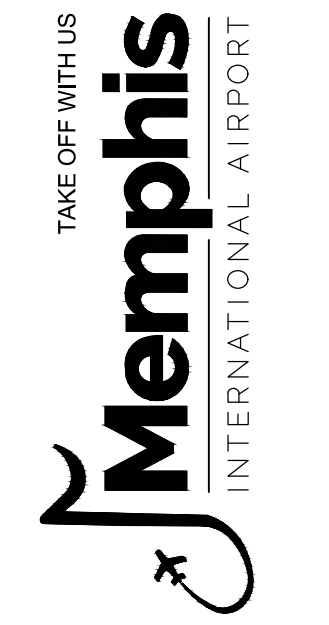
DWG. FILE NAME: 18-1415-00-075TO133.DWG

DATE	SHEET NO.
03/26/2021	128
SCALE: 1:50	



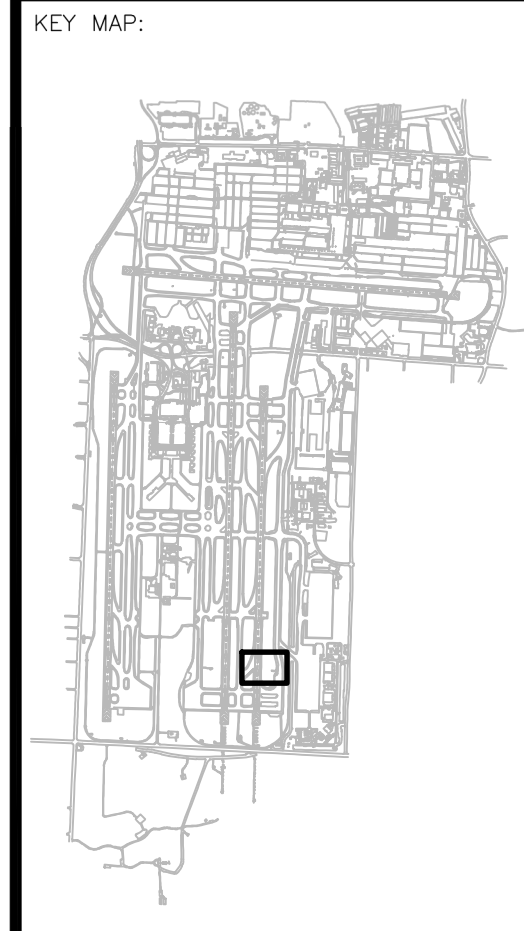
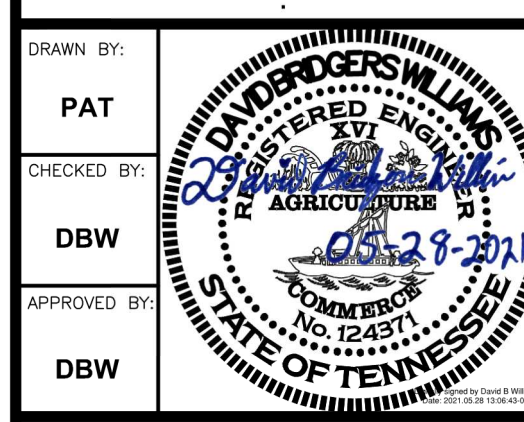
GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.



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ENGINEER
 JOB NO.



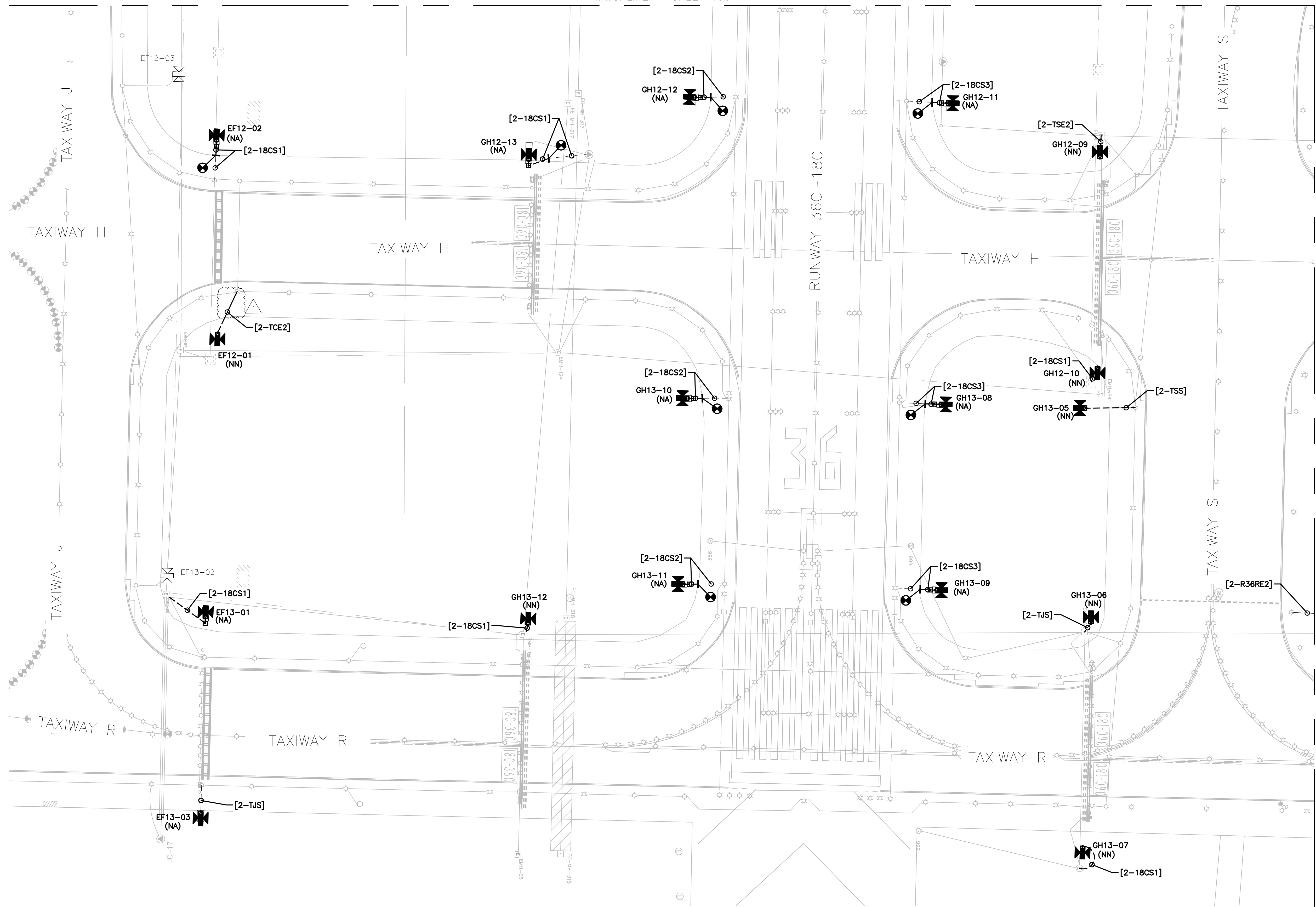
REVISIONS		
MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

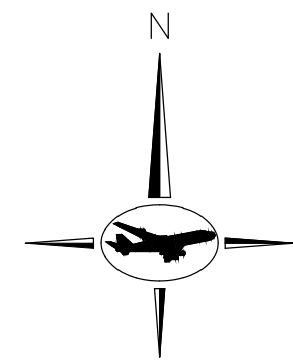
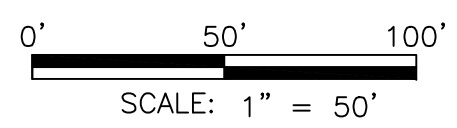
PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PROPOSED AREA PLAN

DWG. FILE NAME 18-1415-00-075TO133.DWG	
DATE 03/26/2021	SHEET NO. 131
SCALE 1:50	

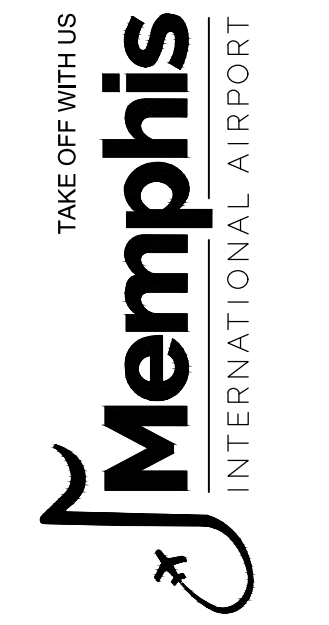


MATCHLINE - SHEET 133



GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

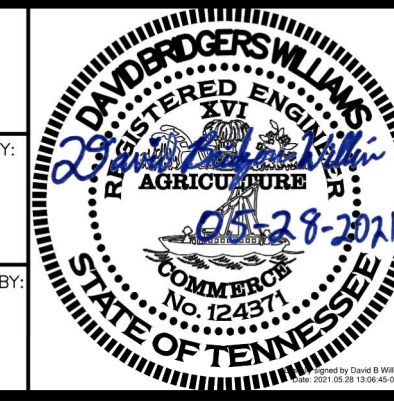
PAT

CHECKED BY:

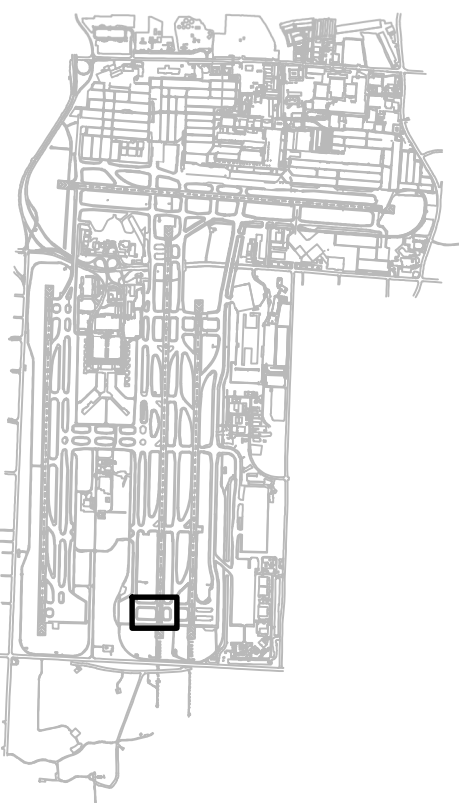
DBW

APPROVED BY:

DBW



KEY MAP:



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
▲	05/27/21	ADDENDUM #1

MSCAA PROJ. NO. **18-1415-01**

PROJECT: **MEM AIRFIELD SIGNAGE REPLACEMENT**

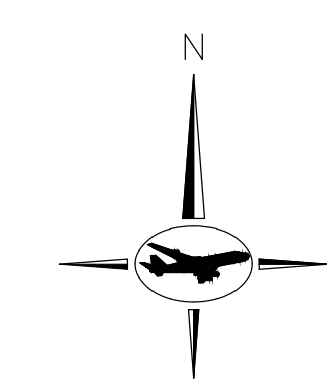
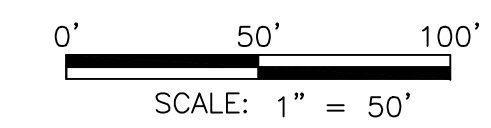
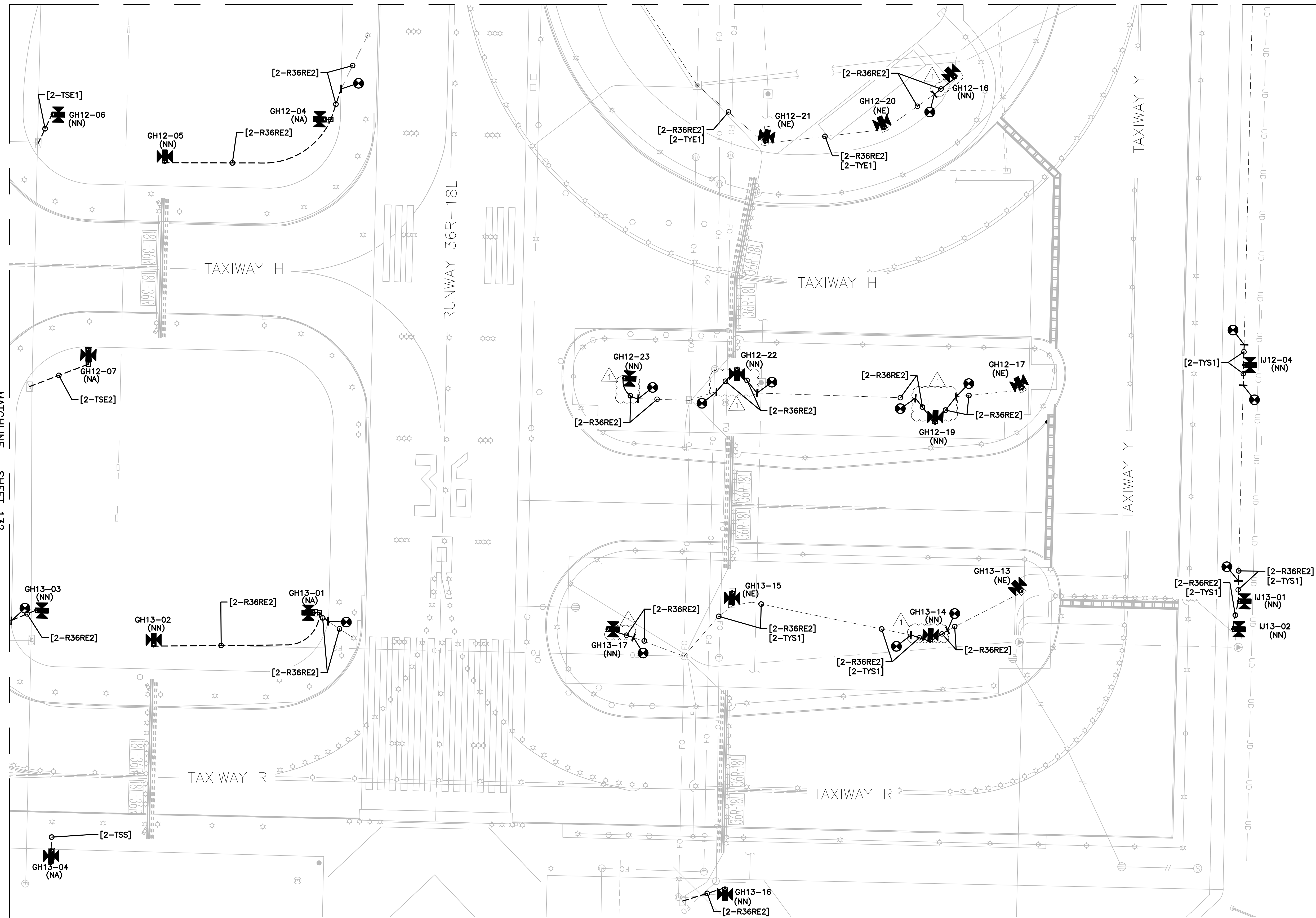
SHEET TITLE:

PROPOSED AREA PLAN

DWG. FILE NAME: **18-1415-00-075TO133.DWG**

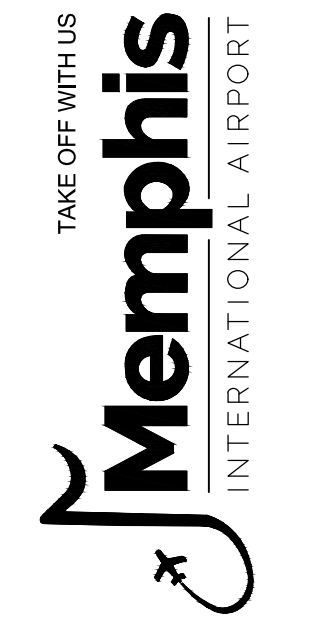
DATE: **03/26/2021** SHEET NO. **132**

SCALE: **1:50**



GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012 AND 013 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. ALL AIRFIELD WORK SHALL BE COMPLETED DURING ITS RESPECTIVE CONSTRUCTION PHASE. REFER TO THE GENERAL DRAWINGS FOR OVERALL SAFETY/PHASING PLAN AND RELATED REQUIREMENTS.
- C. CONNECT TO EXISTING AIRFIELD CIRCUITS AS DIRECTED BY ENGINEER, OWNER, AND RPR.



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

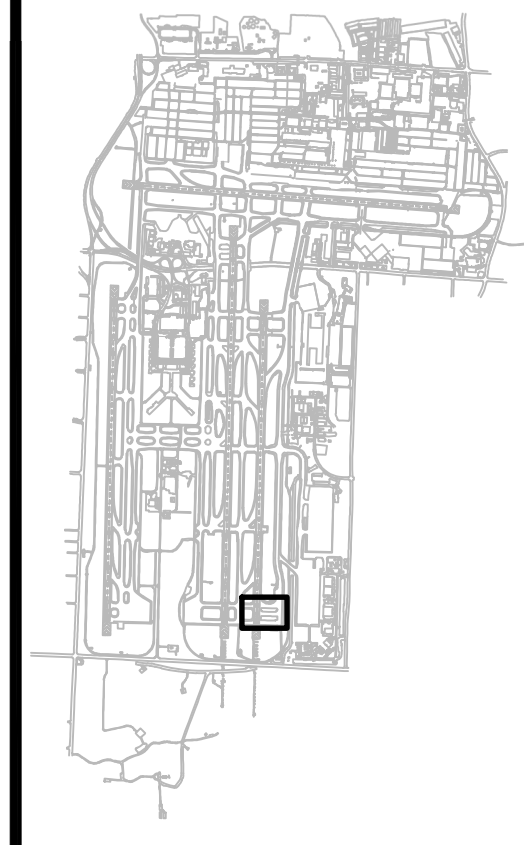
DBW

APPROVED BY:

DBW



KEY MAP:



REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO. **18-1415-01**

PROJECT: **MEM AIRFIELD SIGNAGE REPLACEMENT**

SHEET TITLE: **PROPOSED AREA PLAN**

DWG. FILE NAME: **18-1415-00-075TO133.DWG**

DATE: **03/26/2021** SHEET NO. **133**

SCALE: **1:50**

ITEM NUMBER	SIGN NUMBER	CIRCUIT NUMBER EXIST REMOVE [NEW]	REF. PLAN DWG. NUMBER	EXISTING FOUNDATION CONDITION	SIGN LEGEND (EXISTING MESSAGE)		SIGN LEGEND (NEW OR MODIFIED MESSAGE)		EXISTING SIGN FOUNDATION DIMENSIONS					EXISTING POWER LEG LOCATION	SIGN SIZE	ACTION CODES
					SIDE 1	SIDE 2	SIDE 1	SIDE 2	A	B	C	D	E			
1	CD04-01	TVS1 [TVS1]	016 075	GOOD					77"	143"	16"	15"	30"	-	3	RR, NN
2	CD05-01	TAS1 [TAS1]	024 083	GOOD					78"	146"	16"	17"	30"	RIGHT	3	RA, NA
3	CD05-02	TVS1 [R9E]	024 083	GOOD					77"	145"	16"	15"	30"	RIGHT	3	RA, NA
4	CD05-02A	[TVS1]	090	-	-	-			-	-	-	-	-	-	3	NN
5	CD05-03	TAS1 [R9E]	024 083	FAIR					77"	185"	17"	9"	29"	-	3	RR, NN
6	CD06-01	TMS1 [TMS1]	032 091	GOOD					77"	185"	16"	15"	30"	RIGHT	3	RA, NA
7	CD06-02	TMS1	033	GOOD					77"	209"	16"	11"	31"	-	3	RR
8	CD06-03	TMS1 [TMS1]	032 091	GOOD					76"	186"	16"	16"	32"	RIGHT	3	RA, NA
9	CD06-04	TMS1 [TMS1]	032 091	GOOD					75"	186"	16"	16"	30"	-	3	RR, NN
10	CD06-05	TMS1 [18RE1]	033 092	GOOD					60"	168"	-	-	-	-	3	RR, NN
11	CD06-06	TMS1 [TMS1]	032 091	GOOD					76"	188"	17"	15"	29"	-	3	RR, NN
12	CD07-01	TMS1 [TMS1]	033 092	GOOD					77"	188"	16"	16"	30"	RIGHT	3	RA, NA
13	CD07-02	TMS1 [TMS1]	033 092	FAIR					77"	187"	16"	16"	30"	RIGHT	3	RA, NA
14	CD07-03	TMS1 [TMS1]	033 092	GOOD					77"	187"	16"	15"	31"	RIGHT	3	RA, NA
15	CD07-04	TMS1 [TMS1]	033 092	GOOD					77"	188"	16"	16"	31"	RIGHT	3	RA, NA
16	CD07-05	TMS1 [TMS1]	033 092	FAIR					76"	187"	16"	16"	30"	RIGHT	3	RA, NA
17	CD07-06	TMS1 [TMS1]	033 092	FAIR					77"	188"	16"	16"	31"	RIGHT	3	RA, NA
18	CD07-07	TMS1 [TMS1]	033 092	GOOD					77"	188"	16"	15"	31"	RIGHT	3	RA, NA
19	CD07-08	TMS1 [TMS1]	034 093	GOOD					77"	188"	16"	15"	31"	RIGHT	3	RA, NA
20	CD07-09	TMS1 [TMS1]	034 093	GOOD					76"	187"	16"	16"	30"	RIGHT	3	RA, NA

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

SCHEDULE NOTES:

- ① FURNISH AND INSTALL NEW CONTROL BOARD TO ACCOMMODATE NEW REGULATOR CIRCUIT CONTROLS. COORDINATE WITH THE SIGN MANUFACTURER.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

SIGN SCHEDULES

DWG. FILE NAME

18-1415-00-134.DWG

DATE

03/26/2021

SHEET NO.

134

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	CIRCUIT NUMBER EXIST REMOVE [NEW]	REF. PLAN DWG. NUMBER	EXISTING FOUNDATION CONDITION	SIGN LEGEND (EXISTING MESSAGE)		SIGN LEGEND (NEW OR MODIFIED MESSAGE)		EXISTING SIGN FOUNDATION DIMENSIONS					EXISTING POWER LEG LOCATION	SIGN SIZE	ACTION CODES
					SIDE 1	SIDE 2	SIDE 1	SIDE 2	A	B	C	D	E			
41	CD08-07	TMS1 [TMS1]	036 095	GOOD	M6 ← M →	36L-18R M6	M6 ← M →		77"	246"	16"	15"	31"	RIGHT	3	RA, NA
42	CD08-08	TMS1 [18RE1]	035 094	GOOD	← M6		← M6		95"	157"	14"	13"	40"	-	3	RR, NN
43	CD08-09	TMS1 [18RE1]	036 095	GOOD	M6 36L-18R	≡≡≡ M6	M6 36L-18R	≡≡≡ M6	77"	231"	17"	15"	31"	RIGHT	3	RA, NA
44	CD08-10	TMS1 [TMS1]	036 095	GOOD	M ← M6 →		M ← M6 →	M	77"	188"	17"	16"	31"	RIGHT	3	RA, NA
45	CD08-11	18RS1 [18RS1]	035 094	GOOD	2	7	2	7	90"	122"	14"	13"	39"	-	4	RR, NN
46	CD08-12	TMS1 [18RE1]	036 095	GOOD		M6 →		M6 →	93"	157"	14"	13"	39"	-	3	RR, NN
47	CD09-01	TTS1 [TTS1]	037 096	GOOD	N ← T →		N ← T →		77"	185"	16"	16"	30"	RIGHT	3	RA, NA
48	CD09-03	TMS2 [TMS2]	037 096	GOOD	N ← T →		N ← T →		36"	120"	12"	54"	11"	-	3	RR, NN
49	CD09-04	UNK [TTS1]	037 096	GOOD	N ← P →		N ← P →		78"	184"	16"	16"	30"	RIGHT	3	RA, NA
50	CD09-05	TMS2 [TMS2]	037 096	GOOD	N ← P →		N ← P →		78"	187"	16"	17"	31"	RIGHT	3	RA, NA
51	CD09-07	TMS2 [TMS2]	037 096	GOOD	← T M		← T M		77"	145"	16"	16"	31"	RIGHT	3	RA, NA
52	CD09-08	TMS2 [TMS2]	037 096	GOOD	T ← N →		T ← N →		77"	188"	16"	16"	31"	RIGHT	3	RA, NA
53	CD09-09	TMS2 [TMS2]	037 096	GOOD	T ← M →		T ← M →		80"	192"	16"	17"	32"	-	3	RR, NN
54	CD09-10	TMS2 [TMS2]	037 096	GOOD	← P M		← P M		78"	144"	16"	17"	30"	RIGHT	3	RA, NA
55	CD09-11	TMS2 [TMS2]	037 096	GOOD	P ← N →		P ← N →		77"	186"	16"	17"	31"	RIGHT	3	RA, NA
56	CD09-12	TMS2 [TMS2]	037 096	GOOD	P ← M →		P ← M →		77"	188"	16"	16"	31"	RIGHT	3	RA, NA
57	CD09-13	TMS2 [TMS2]	037 096	GOOD	M T →		M T →		77"	146"	17"	16"	30"	RIGHT	3	RA, NA
58	CD09-14	TMS2 [TMS2]	037 096	GOOD	M P →		M P →		77"	145"	17"	15"	31"	RIGHT	3	RA, NA
59	CD09-15	18RS1 [18RS1]	036 095	GOOD	3	6	3	6	91"	121"	14"	13"	39"	-	4	RR, NN
60	CD09-16	18RS1 [18RS1]	037 096	GOOD	4	5	4	5	91"	121"	14"	13"	39"	-	4	RR, NN

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
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- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

SCHEDULE NOTES:

- ① FURNISH AND INSTALL NEW CONTROL BOARD TO ACCOMMODATE NEW REGULATOR CIRCUIT CONTROLS. COORDINATE WITH THE SIGN MANUFACTURER.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

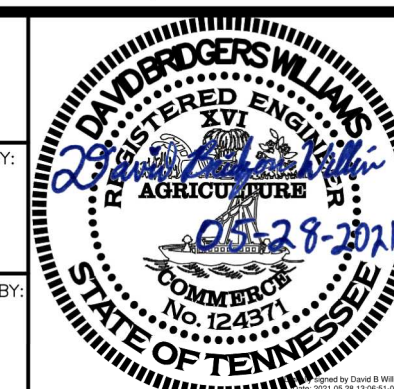
PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

SIGN SCHEDULES

DWG. FILE NAME

18-1415-00-136.DWG

DATE

SHEET NO.

03/26/2021

136

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	CIRCUIT NUMBER EXIST REMOVE [NEW]	REF. PLAN DWG. NUMBER	EXISTING FOUNDATION CONDITION	SIGN LEGEND (EXISTING MESSAGE)		SIGN LEGEND (NEW OR MODIFIED MESSAGE)		EXISTING SIGN FOUNDATION DIMENSIONS					EXISTING POWER LEG LOCATION	SIGN SIZE	ACTION CODES
					SIDE 1	SIDE 2	SIDE 1	SIDE 2	A	B	C	D	E			
101	EF04-01	TVS1 [R9E] ①	017 076	GOOD					76"	191"	16"	17"	30"	RIGHT	3	RA, NA
102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
103	EF04-02	TVS1 [TVS1]	016 075	GOOD					77"	144"	16"	16"	30"	RIGHT	3	RA, NA
104	EF04-03	TVS1 [TVS1]	016 075	GOOD					76"	191"	16"	16"	30"	RIGHT	3	RA, NA
105	EF04-04	TVS1 [TVS1]	016 075	GOOD					45"	117"	12"	6"	17"	-	3	RR, NN
106	EF04-05	TVS1 [TVS1]	016 075	FAIR					77"	184"	16"	16"	29"	RIGHT	3	RA, NA
107	EF04-06	TVS1 [R9E] ①	016 075	FAIR					77"	184"	16"	12"	30"	-	3	RR, NN
108	EF04-07	TVS1 [R9E] ①	016 075	GOOD					76"	101"	17"	9"	30"	-	3	RR, NN
109	EF04-08	TAS1 [R9E] ①	024 083	GOOD					77"	101"	17"	9"	30"	-	3	RR, NN
110	EF04-10	TVS1 [R9E] ①	016 075	GOOD					76"	185"	17"	9"	29"	-	3	RR, NN
111	EF04-11	TAS1 [R9E] ①	024 083	GOOD					77"	184"	17"	9"	30"	-	3	RR, NN
112	EF04-12	TAS1 [R9E] ①	025 084	GOOD					77"	107"	17"	9"	30"	RIGHT	4	RE, NE
113	EF05-01	TVS1 [TVS1]	024 083	GOOD					77"	144"	16"	15"	30"	RIGHT	3	RA, NA
114	EF05-02	TVS1 [TAS1]	024 083	GOOD					61"	157"	12"	6"	24"	-	3	RR, NN
115	EF05-03	TVS1 [R9E] ①	024 083	GOOD					61"	83"	12"	6"	24"	LEFT	3	RA, NA
116	EF05-03A	[TNE]	090	-	-	-			-	-	-	-	-	-	3	NN
117	EF05-04	TVS1 [TVS1]	031 090	FAIR					61"	154"	12"	6"	24"	-	3	RR, NN
118	EF05-05	TVS1 [18RE1]	031 090	GOOD					76"	228"	16"	16"	30"	-	3	RR, NN
119	EF06-01	TMS1 [TMS1]	032 091	GOOD					77"	206"	16"	14"	30"	RIGHT	3	RA, NA
120	EF06-02	TNE3 [TNE3]	032 091	GOOD					77"	191"	16"	15"	29"	-	3	RR, NN

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

SCHEDULE NOTES:

- ① FURNISH AND INSTALL NEW CONTROL BOARD TO ACCOMMODATE NEW REGULATOR CIRCUIT CONTROLS. COORDINATE WITH THE SIGN MANUFACTURER.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

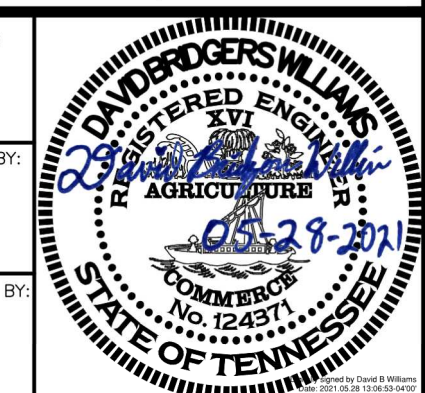
PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

SIGN SCHEDULES

DWG. FILE NAME

18-1415-00-139.DWG

DATE

03/26/2021

SHEET NO.

139

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	CIRCUIT NUMBER EXIST REMOVE [NEW]	REF. PLAN DWG. NUMBER	EXISTING FOUNDATION CONDITION	SIGN LEGEND (EXISTING MESSAGE)		SIGN LEGEND (NEW OR MODIFIED MESSAGE)		EXISTING SIGN FOUNDATION DIMENSIONS					EXISTING POWER LEG LOCATION	SIGN SIZE	ACTION CODES
					SIDE 1	SIDE 2	SIDE 1	SIDE 2	A	B	C	D	E			
201	GH05-15(B)	18CS1 [18CS1]	045 104	GOOD					78"	187"	16"	13"	31"	-	3	RR, NN
202	GH05-16	TAS1 [R9E] ①	025 084	GOOD					77"	101"	17"	9"	30"	-	3	RR, NN
203	GH05-17	TCE1 [TCE1]	025 084	GOOD					62"	158"	12"	6"	23"	LEFT	3	RA, NA
204	GH05-18	UNK [TCE1] ①	025 084	GOOD		-			62"	121"	12"	6"	25"	-	3	RR, NN
205	GH05-19	18CS1 [18CS1]	045 104	GOOD					77"	144"	16"	16"	30"	-	3	RR, NN
206	GH05-20	18CS1 [TCE1] ①	045 104	GOOD					76"	187"	16"	15"	30"	RIGHT	3	RA, NA
207	GH05-21(A)	18CS1	045	FAIR			-	-	77"	284"	16"	16"	32"	-	3	RR
208	GH05-21(B)	18CS1 [18CS1]	045 104	FAIR					77"	284"	16"	16"	32"	-	3	RR, NN
209	GH05-22(A)	18CS2 [TCE1] ①	045 104	GOOD					78"	285"	16"	12"	31"	-	3	RR, NN
210	GH05-22(B)	18CS2 [18CS2]	045 104	GOOD					78"	285"	16"	15"	31"	-	3	RR, NN
211	GH05-22A	[18CS2]	104	-	-	-			-	-	-	-	-	-	3	NN
212	GH05-23	18CS2 [TCE2] ①	045 104	GOOD					77"	188"	16"	16"	31"	RIGHT	3	RA, NA
213	GH05-24	TAS1 [R9E] ①	025 084	GOOD					77"	186"	17"	9"	30"	RIGHT	3	RE, NE
214	GH05-25	TCE1 [TCE1]	025 084	GOOD		-			62"	157"	12"	6"	25"	LEFT	3	RA, NA
215	GH05-26	TCE1 [R9E] ①	025 084	GOOD					62"	153"	12"	6"	24"	-	3	RR, NN
216	GH05-26A	[TNE3]	084	-	-	-			-	-	-	-	-	-	3	NN
217	GH05-27	UNK [TCE1] ①	025 084	GOOD					61"	158"	12"	6"	24"	LEFT	3	RA, NA
218	GH05-28	18CS1 [18CS1]	045 104	GOOD					77"	285"	16"	15"	30"	RIGHT	3	RA, NA
219	GH05-29	18CS1 [18CS1]	045 104	GOOD					77"	136"	16"	15"	30"	-	3	RR, NN
220	GH05-30	18CS2 [TCE1] ①	045 104	GOOD					77"	212"	16"	17"	30"	RIGHT	3	RA, NA

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

SCHEDULE NOTES:

- ① FURNISH AND INSTALL NEW CONTROL BOARD TO ACCOMMODATE NEW REGULATOR CIRCUIT CONTROLS. COORDINATE WITH THE SIGN MANUFACTURER.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

SIGN SCHEDULES

DWG. FILE NAME

18-1415-00-144.DWG

DATE

03/26/2021

SHEET NO.

144

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	CIRCUIT NUMBER EXIST REMOVE [NEW]	REF. PLAN DWG. NUMBER	EXISTING FOUNDATION CONDITION	SIGN LEGEND (EXISTING MESSAGE)		SIGN LEGEND (NEW OR MODIFIED MESSAGE)		EXISTING SIGN FOUNDATION DIMENSIONS					EXISTING POWER LEG LOCATION	SIGN SIZE	ACTION CODES
					SIDE 1	SIDE 2	SIDE 1	SIDE 2	A	B	C	D	E			
381	GH12-07	UNK [TSE2] ①	074 133	GOOD					77"	183"	12"	29"	31"	LEFT	3	RA, NA
382	GH12-08	18CS1 [18CS1]	071 130	GOOD					78"	131"	16"	27"	31"	-	4	RR, NN
383	GH12-09	18CS1 [TCE2] ①	073 132	GOOD					78"	223"	16"	28"	31"	-	3	RR, NN
384	GH12-10	18CS1 [18CS1]	073 132	GOOD					78"	217"	16"	27"	30"	-	3	RR, NN
385	GH12-11	18CS3 [18CS3]	073 132	GOOD					78"	131"	16"	28"	30"	RIGHT	3	RA, NA
386	GH12-12	18CS2 [18CS2]	073 132	GOOD					77"	148"	12"	29"	32"	RIGHT	3	RA, NA
387	GH12-13	18CS1 [18CS1]	073 132	GOOD					76"	254"	16"	29"	30"	RIGHT	3	RA, NA
388	GH12-14	UNK [TYE1] ①	069 128	GOOD					77"	188"	17"	15"	30"	-	3	RR, NN
389	GH12-16	UNK [R36RE2] ①	074 133	GOOD					77"	108"	17"	15"	30"	-	3	RR, NN
390	GH12-17	UNK [R36RE2] ①	074 133	GOOD					77"	107"	17"	14"	29"	RIGHT	3	RE, NE
391	GH12-19	UNK [TYE1] ①	074 133	GOOD					77"	145"	17"	15"	30"	-	3	RR, NN
392	GH12-20	UNK [TYE1] ①	074 133	GOOD					77"	144"	17"	15"	30"	RIGHT	3	RE, NE
393	GH12-21	UNK [R36RE2] ①	074 133	GOOD					77"	227"	17"	15"	30"	RIGHT	3	RE, NE
394	GH12-22	UNK [R36RE2] ①	074 133	GOOD					76"	232"	17"	15"	30"	-	3	RR, NN
395	GH12-23	UNK [R36RE2] ①	074 133	GOOD					76"	106"	17"	15"	30"	-	3	RR, NN
396	GH12-24	UNK [R36RE2] ①	072 131	GOOD					76"	104"	17"	15"	30"	-	3	RR, NN
397	GH13-01	UNK [R36RE2] ①	074 133	FAIR					76"	149"	12"	29"	32"	RIGHT	3	RA, NA
398	GH13-02	UNK [R36RE2] ①	074 133	FAIR					76"	163"	12"	29"	30"	-	3	RR, NN
399	GH13-03	UNK [TSS] ①	074 133	GOOD					78"	170"	12"	30"	33"	-	3	RR, NN
400	GH13-04	UNK [TSS] ①	074 133	GOOD					78"	133"	12"	30"	33"	LEFT	3	RA, NA

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

SCHEDULE NOTES:

- ① FURNISH AND INSTALL NEW CONTROL BOARD TO ACCOMMODATE NEW REGULATOR CIRCUIT CONTROLS. COORDINATE WITH THE SIGN MANUFACTURER.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

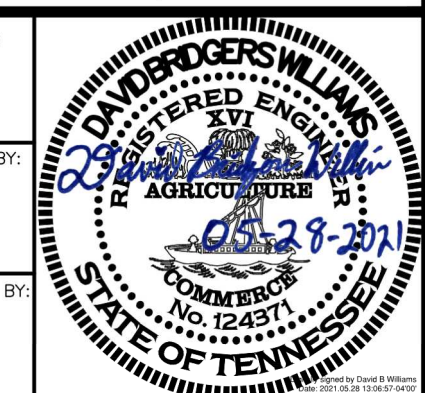
PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

SIGN SCHEDULES

DWG. FILE NAME

18-1415-00-153.DWG

DATE

03/26/2021

SHEET NO.

153

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	CIRCUIT NUMBER EXIST REMOVE [NEW]	REF. PLAN DWG. NUMBER	EXISTING FOUNDATION CONDITION	SIGN LEGEND (EXISTING MESSAGE)		SIGN LEGEND (NEW OR MODIFIED MESSAGE)		EXISTING SIGN FOUNDATION DIMENSIONS					EXISTING POWER LEG LOCATION	SIGN SIZE	ACTION CODES
					SIDE 1	SIDE 2	SIDE 1	SIDE 2	A	B	C	D	E			
421	IJ04-08	TYS1 [R27E] ①	019 078	GOOD	←Y	■	←Y	■	77"	101"	17"	9"	30"	-	3	RR, NN
422	IJ04-09	TYS1 [TYS1]	019 078	GOOD	■	V Y→	■ V	V Y→	77"	143"	17"	10"	30"	RIGHT	3	RE, NE
423	IJ05-01	TAS1 [R27E] ①	019 078	GOOD	←Y	■	←Y	■	77"	102"	17"	9"	30"	RIGHT	3	RE, NE
424	IJ05-02	TYS1 [R9E] ①	027 086	GOOD	Y ■■■■	9-27 Y	Y ■■■■	9-27 Y	78"	187"	17"	10"	30"	RIGHT	3	RE, NE
425	IJ05-03	TYS1 [TYS1]	027 086	GOOD	Y ←A→	-	Y ←A→	■	77"	155"	16"	15"	30"	-	3	RR, NN
426	IJ05-04	TYS1 [TYS1]	027 086	GOOD	A ←Y→	-	A ←Y→	■	78"	154"	16"	15"	31"	-	3	RR, NN
427	IJ05-05	TYS1 [R27E] ①	019 078	GOOD	Y 9-27	■■■■ Y	Y 9-27	■■■■ Y	78"	185"	17"	10"	30"	RIGHT	3	RE, NE
428	IJ05-06	TYS1 [TYS1]	027 086	GOOD	A ←Y→	-	A ←Y→	■	77"	156"	17"	16"	30"	-	3	RR, NN
429	IJ05-07	TYS1 [TYS1]	027 086	GOOD	Y ←A→	-	Y ←A→	■	77"	152"	16"	15"	30"	-	3	RR, NN
430	IJ05-08	TAS1 [R27E] ①	019 078	GOOD	■	Y→	■	Y→	77"	101"	17"	9"	30"	RIGHT	3	RE, NE
431	IJ05-09	TAS1 [R27E] ①	020 079	GOOD	5	3	5	3	77"	108"	17"	9"	30"	-	4	RR, NN
432	IJ05-10	TAS1 [TAS1]	027 086	GOOD	←A B B A→	■	←A B B A→	■	78"	229"	17"	9"	30"	-	3	RR, NN
433	IJ05-11	UNK [TYE1] ①	027 086	GOOD	←B A B→	■	←B A B→	■	78"	186"	17"	15"	31"	RIGHT	3	RE, NE
434	IJ05-12	TAS1 [R9E] ①	019 078	GOOD	←B	■	←B	■	77"	101"	17"	9"	30"	-	3	RR, NN
435	IJ05-13	TAS1 [R9E] ①	019 078	GOOD	B ■■■■	9-27 B	B ■■■■	9-27 B	77"	185"	17"	9"	30"	-	3	RR, NN
436	IJ05-14	TAS1 [R9E] ①	019 078	GOOD	4	4	4	4	77"	110"	17"	9"	30"	-	4	RR, NN
437	IJ06-01	TYS1	048	GOOD	Y	-	-	-	77"	101"	16"	15"	31"	-	-	RR
438	IJ06-02	TYS1 [TYS1]	048 086	FAIR	Y	-	Y FBO→	Y ■	77"	108"	17"	16"	31"	-	3	RR, NN
439	IJ06-03	[TYE1]	086	-	-	-	←FBO Y	Y ■	-	-	-	-	-	-	3	NN
440	IJ07-01	TYS1 [TYS1]	050 109	GOOD	Y D→	-	Y D→	Y APRON→	78"	132"	16"	16"	31"	-	3	RR, NN

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

SCHEDULE NOTES:

- ① FURNISH AND INSTALL NEW CONTROL BOARD TO ACCOMMODATE NEW REGULATOR CIRCUIT CONTROLS. COORDINATE WITH THE SIGN MANUFACTURER.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

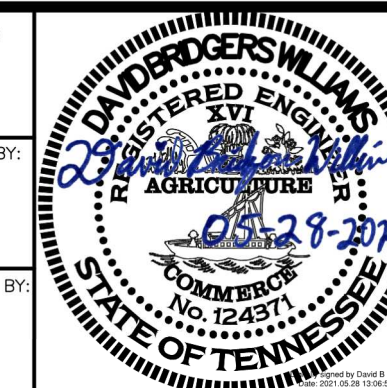
PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

SIGN SCHEDULES

DWG. FILE NAME

18-1415-00-155.DWG

DATE

SHEET NO.

03/26/2021

155

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	CIRCUIT NUMBER EXIST REMOVE [NEW]	REF. PLAN DWG. NUMBER	EXISTING FOUNDATION CONDITION	SIGN LEGEND (EXISTING MESSAGE)		SIGN LEGEND (NEW OR MODIFIED MESSAGE)		EXISTING SIGN FOUNDATION DIMENSIONS					EXISTING POWER LEG LOCATION	SIGN SIZE	ACTION CODES
					SIDE 1	SIDE 2	SIDE 1	SIDE 2	A	B	C	D	E			
441	IJ07-01A	[TYS1]	109	-	-	-			-	-	-	-	-	-	3	NN
442	IJ07-02	TYS1 [TYS1]	052 111	GOOD		-			78"	156"	17"	16"	31"	-	3	RR, NN
443	IJ07-03	TYS1 [R36RE1] ①	050 109	GOOD					77"	107"	17"	15"	31"	RIGHT	3	RA, NA
444	IJ07-04	TYS1 [TYS1]	050 109	GOOD		-			78"	158"	16"	16"	31"	-	3	RR, NN
445	IJ07-05	TYS1 [R36RE1] ①	052 111	GOOD					77"	107"	16"	15"	30"	RIGHT	3	RA, NA
446	IJ07-06(A)	TYS1 [TYS1]	052 111	GOOD		-			77"	132"	16"	15"	31"	-	3	RR, NN
447	IJ07-06(B)	[R36RE1]	111	-	-	-			-	-	-	-	-	-	3	NN
448	IJ07-07	TYS1 [R36RE1] ①	052 111	GOOD					78"	84"	16"	16"	31"	RIGHT	3	RR, NN
449	IJ07-08	TYS1 [TYS1]	052 111	GOOD		-			78"	179"	16"	15"	29"	-	3	RR, NN
450	IJ07-09	TYS1 [R36RE1] ①	052 111	GOOD					78"	156"	17"	16"	31"	-	3	RR, NN
451	IJ07-10	TYS1 [TYS1]	052 111	GOOD		-			68"	155"	16"	16"	25"	-	3	RR, NN
452	IJ09-01	UNK [TPE1] ①	061 120	GOOD					78"	145"	17"	15"	29"	RIGHT	3	RE, NE
453	IJ09-02	UNK [TPE1] ①	061 120	GOOD					78"	182"	17"	15"	30"	RIGHT	3	RE, NE
454	IJ09-03	UNK [TYE1] ①	061 120	GOOD					78"	186"	17"	15"	30"	-	3	RR, NN
455	IJ09-04	UNK [TYE1] ①	058 117	GOOD					78"	107"	17"	15"	30"	RIGHT	3	RE, NE
456	IJ10-01	UNK	061	GOOD			-	-	78"	104"	17"	15"	30"	-	3	RR
457	IJ10-02	TYS1 [TYS1]	061 120	GOOD					78"	146"	17"	15"	30"	RIGHT	3	RE, NE
458	IJ10-03	TYS1 [TYS1]	064 123	FAIR					78"	229"	16"	16"	31"	RIGHT	3	RA, NA
459	IJ10-04	TYS1 [TYS1]	067 126	GOOD					77"	141"	16"	16"	31"	LEFT	3	RA, NA
460	IJ11-01	UNK [TYE1] ①	069 128	FAIR					77"	150"	17"	16"	30"	RIGHT	3	RE, NE

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

SCHEDULE NOTES:

- ① FURNISH AND INSTALL NEW CONTROL BOARD TO ACCOMMODATE NEW REGULATOR CIRCUIT CONTROLS. COORDINATE WITH THE SIGN MANUFACTURER.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

SIGN SCHEDULES

DWG. FILE NAME

18-1415-00-156.DWG

DATE

03/26/2021

SHEET NO.

156

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	CIRCUIT NUMBER EXIST REMOVE [NEW]	REF. PLAN DWG. NUMBER	EXISTING FOUNDATION CONDITION	SIGN LEGEND (EXISTING MESSAGE)		SIGN LEGEND (NEW OR MODIFIED MESSAGE)		EXISTING SIGN FOUNDATION DIMENSIONS					EXISTING POWER LEG LOCATION	SIGN SIZE	ACTION CODES
					SIDE 1	SIDE 2	SIDE 1	SIDE 2	A	B	C	D	E			
461	IJ11-02	UNK [TYE1] ①	069 128	GOOD	← MIL Y		← APRON Y		77"	189"	17"	15"	30"	-	3	RR, NN
462	IJ11-03	TYS1 [TYS1]	070 129	FAIR	P APRON →	MILITARY AIRCRAFT ONLY	P APRON →	MILITARY AIRCRAFT ONLY	78"	228"	16"	16"	31"	-	3	RR, NN
463	IJ11-04	TYS1 [TYS1]	067 126	GOOD	P APRON →		P APRON →		78"	288"	16"	16"	30"	RIGHT	3	RA, NA
464	IJ11-05(A)	TYS1 [TYS1]	067 126	GOOD	← APRON		← APRON P		77"	269"	16"	22"	31"	-	3	RR, NN
465	IJ11-05(B)	TYS1	067	GOOD	P		-	-	77"	269"	-	-	-	-	3	RR
466	IJ11-06	TYS1 [TYS1]	070 129	GOOD	P →		P →		77"	140"	16"	28"	31"	-	3	RR, NN
467	IJ12-02	UNK [TYS1] ①	072 131	GOOD	Y H ↗		Y H ↗		77"	145"	17"	15"	30"	-	3	RR, NN
468	IJ12-04	UNK [TYS1] ①	074 133	GOOD	Y Q →		Y Y1 →		78"	145"	17"	15"	30"	-	3	RR, NN
469	IJ12-05	UNK [TYS1] ①	069 128	GOOD	← Y ↗	MILITARY AIRCRAFT ONLY	Y1 ← Y ↗	MILITARY AIRCRAFT ONLY	77"	143"	17"	15"	30"	-	3	RR, NN
470	IJ13-01	UNK [R36RE1] ①	074 133	GOOD	ILS	III	ILS	III	77"	107"	17"	15"	30"	-	3	RR, NN
471	IJ13-02	UNK [TYS1] ①	074 133	GOOD	Y R →	← Q Y	Y R →	← Y1 Y	78"	144"	17"	15"	30"	-	3	RR, NN
472	KL04-01	UNK [TVE3] ①	020 079	GOOD	V		V APRON →		77"	102"	-	-	-	-	3	RR, NN
473	KL04-01A	[TVE3]	079	-	-	-	← APRON V		-	-	-	-	-	-	3	NN
474	KL05-01	TAS1 [R27E] ①	021 080	GOOD	7	1	7	1	66"	101"	17"	9"	30"	RIGHT	4	RE, NE
475	KL05-02	TAS1 [R27E] ①	021 080	GOOD	← A2		← A2		77"	143"	17"	9"	30"	-	3	RR, NN
476	KL05-03	TAS1 [TAS1]	029 088	GOOD	A2 ← A →		A2 ← A →		77"	185"	17"	10"	30"	RIGHT	3	RE, NE
477	KL05-04	TAS1 [TAS1]	029 088	GOOD	A A2 →		A A2 →		78"	185"	17"	15"	31"	-	3	RR, NN
478	KL05-05	TAS1 [R27E] ①	029 088	GOOD	A2	9-27 A2	A2	9-27 A2	78"	186"	17"	10"	30"	RIGHT	3	RE, NE
479	KL05-06	TAS1 [R27E] ①	020 079	GOOD		A2 →		A2 →	77"	143"	17"	9"	30"	-	3	RR, NN
480	KL05-07	TAS1 [R27E] ①	028 087	GOOD	A2 9-27	→ A2	A2 9-27	→ A2	77"	183"	17"	10"	31"	RIGHT	3	RA, NA

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

SCHEDULE NOTES:

- ① FURNISH AND INSTALL NEW CONTROL BOARD TO ACCOMMODATE NEW REGULATOR CIRCUIT CONTROLS. COORDINATE WITH THE SIGN MANUFACTURER.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

SIGN SCHEDULES

DWG. FILE NAME

18-1415-00-157.DWG

DATE

03/26/2021

SHEET NO.

157

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	CIRCUIT NUMBER EXIST REMOVE [NEW]	REF. PLAN DWG. NUMBER	EXISTING FOUNDATION CONDITION	SIGN LEGEND (EXISTING MESSAGE)		SIGN LEGEND (NEW OR MODIFIED MESSAGE)		EXISTING SIGN FOUNDATION DIMENSIONS					EXISTING POWER LEG LOCATION	SIGN SIZE	ACTION CODES	
					SIDE 1	SIDE 2	SIDE 1	SIDE 2	A	B	C	D	E				
481	KL05-08	TAS1 [TAS1]	028 087	GOOD	← A2 A		A APRON →	A		78"	240"	17"	16"	31"	-	3	RR, NN
482	KL05-09	TAS1 [R27E] ①	020 079	GOOD	6	2	6	2	77"	107"	17"	9"	30"	RIGHT	4	RE, NE	
483	KL05-10	[TAE1]	087	-	-	-	A FBO →		-	-	-	-	-	-	3	NN	
484	KL05-11	[TAE1]	087	-	-	-	← FBO A	A		-	-	-	-	-	3	NN	
485	MN04-01	UNK [R27E] ①	022 081	APRON	27-APCH		27 APCH - 9 DEP		NO PAD	NO PAD	17"	-	-	-	3	RE, NE	
486	MN04-02	UNK [R27E] ①	022 081	FAIR	MIN THRUST AREA HOLD HERE FOR RWY 27 USE IDLE THRUST IN TURN		MIN THRUST AREA HOLD HERE FOR RWY 27 USE IDLE THRUST IN TURN		77"	184"	17"	9"	30"	-	3	RE, NN	
487	MN04-03	UNK [TVE1] ①	022 081	GOOD	V2 →		V V2 →	V		78"	144"	17"	9"	30"	-	3	RR, NN
488	MN05-01	TVS1 [TVS1]	023 082	GOOD		APRON ↑		APRON ↑	77"	185"	17"	8"	29"	-	3	RR, NN	
489	MN05-02	TVS1 [R27E] ①	023 082	FAIR	V1 27		V1 27-9	V1		89"	190"	17"	15"	36"	-	3	RR, NN
490	MN05-03	UNK [R27E] ①	022 081	GOOD	V2	27 V2	V2	27-9 V2	77"	185"	17"	9"	29"	-	3	RR, NN	
491	MN05-04	TVS1 [R27E] ①	022 081	GOOD	← V2		← V2		76"	144"	17"	9"	29"	-	3	RR, NN	
492	MN05-05	UNK [R27E] ①	022 081	GOOD		A1 →		A1 →	77"	143"	17"	9"	30"	-	3	RR, NN	
493	MN05-06	TAS1 [R27E] ①	030 089	GOOD	A1 27		A1 9-27	A1		78"	178"	16"	15"	30"	-	3	RR, NN
494	MN05-07	TAS1 [R27E] ①	030 089	GOOD	ILS		ILS		76"	102"	17"	12"	30"	-	3	RR, NN	
495	MN05-09	TAS1 [TAS1]	030 089	GOOD	← A1 A		← A1 A		78"	185"	17"	15"	30"	RIGHT	3	RE, NE	
496	MN05-10(A)	TAS1	030	GOOD					78"	270"	-	-	-	-	3	RR	
497	MN05-10(B)	TAS1 [TAS1]	030 089	GOOD		A1 A →	A1 ← A →		78"	270"	17"	16"	30"	-	3	RR, NN	
498	MN05-12	UNK [R27E] ①	030 089	GOOD	ILS		ILS		77"	107"	17"	16"	31"	RIGHT	3	RA, NA	
499	MN05-13	UNK [TAS1] ①	030 089	GOOD	A A1 →	CARGO ↑	A A1 →	APRON ↑	78"	192"	17"	15"	30"	-	3	RR, NN	
500	CD04-02	[TVS1]	075	-			V ← N →		-	-	-	-	-	-	3	NN	

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

SCHEDULE NOTES:

- ① FURNISH AND INSTALL NEW CONTROL BOARD TO ACCOMMODATE NEW REGULATOR CIRCUIT CONTROLS. COORDINATE WITH THE SIGN MANUFACTURER.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/22/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

SIGN SCHEDULES

DWG. FILE NAME

18-1415-00-158.DWG

DATE

03/26/2021

SHEET NO.

158

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
4	CD05-02A	287146.31	775952.23	3	NN
5	CD05-03	287996.75	776003.25	3	NN
9	CD06-04	285281.76	775696.15	3	NN
10	CD06-05	285050.60	775550.19	3	NN
11	CD06-06	285078.73	775543.35	3	NN
23	CD07-12(A)	284777.32	775511.60	3	NN
24	CD07-12(B)	284777.06	775522.25	3	NN
25	CD07-13	284808.62	775537.83	3	NN
26	CD07-14	284744.34	775383.64	3	NN
30	CD07-18	284351.08	775374.41	3	NN
31	CD07-19	283931.52	775471.20	3	NN
32	CD07-20	283906.31	775418.10	3	NN
34	CD07-22	283835.08	775080.36	4	NN
-	-	-	-	-	-
40	CD08-06	282714.24	775336.70	3	NN
42	CD08-08	282409.04	775329.67	3	NN
45	CD08-11	282835.40	775057.28	4	NN
48	CD09-03	280919.36	775725.59	3	NN
53	CD09-09	280966.70	775706.71	3	NN
59	CD09-15	281835.61	775034.21	4	NN

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
60	CD09-16	280835.88	775011.13	4	NN
63	CD10-05	280489.60	775285.48	3	NN
64	CD10-06	280109.62	775278.40	3	NN
65	CD10-07	279549.85	775263.77	3	NN
66	CD10-08	279836.13	774988.06	4	NN
70	CD11-04	278289.33	775627.98	3	NN
76	CD11-10	278846.44	774965.19	4	NN
77	CD11-11	277836.68	774941.91	4	NN
78	CD11-12	277927.85	775225.49	3	NN
79	CD12-01	276923.82	775584.73	3	NN
80	CD12-02	276773.09	775649.50	3	NN
82	CD12-04	276477.86	775609.67	3	NN
87	CD12-10(A)	277020.05	775358.19	3	NN
88	CD12-10(B)	277004.95	775358.08	3	NN
90	CD12-12	276450.89	775330.06	3	NN
91	CD12-13	276328.02	775189.42	3	NN
94	CD12-16	276851.62	774919.20	4	NN
97	CD13-07	275618.84	775324.65	3	NN
99	CD13-10	275927.97	775180.11	3	NN
102	-	-	-	-	-

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

**MEM
AIRFIELD SIGNAGE
REPLACEMENT**

SHEET TITLE:

**PROPOSED SIGN
COORDINATE SCHEDULE**

DWG. FILE NAME

18-1415-00-159.DWG

DATE

03/26/2021

SHEET NO.

159

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
107	EF04-06	288591.55	776231.40	3	NN
108	EF04-07	288409.33	776283.14	3	NN
109	EF04-08	288137.02	776341.55	3	NN
110	EF04-10	288400.68	776400.87	3	NN
111	EF04-11	288134.11	776380.93	3	NN
114	EF05-02	287552.03	776283.63	3	NN
116	EF05-03A	287318.07	776164.07	3	NN
117	EF05-04	287142.12	776211.68	3	NN
118	EF05-05	285348.80	775733.68	3	NN
120	EF06-02	285083.85	776044.49	3	NN
123	EF07-03	284175.37	776030.82	3	NN
124	EF08-01	282311.85	777965.72	3	NN
132	EF09-09	281218.18	777700.92	3	NN
135	EF09-12	280871.52	777687.29	3	NN
136	EF09-13	280828.85	777614.16	3	NN
138	EF09-15	280881.24	777350.49	3	NN
139	EF09-16	280612.28	777381.58	3	NN
140	EF09-17	280542.53	777678.74	3	NN
142	EF09-19	280886.71	777092.44	3	NN
143	EF09-20	280842.29	777022.91	3	NN

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
146	EF09-23	280629.95	776697.98	3	NN
147	EF09-24	280896.76	776634.24	3	NN
148	EF09-25	280903.41	776378.34	3	NN
149	EF09-26	280862.31	776330.37	3	NN
152	EF09-29	280618.11	776054.05	3	NN
155	EF11-03	278519.64	777880.46	3	NN
156	EF12-01	276060.98	777858.95	3	NN
160	GH04-03	288182.56	779306.11	3	NN
161	GH04-04	288320.08	779232.49	3	NN
162	GH04-05	288303.82	779275.36	3	NN
163	GH04-07	288337.65	778967.51	3	NN
165	GH04-09	288208.29	778965.11	3	NN
166	GH04-10	288248.22	778432.93	3	NN
170	GH04-14	288273.76	778093.76	3	NN
171	GH04-14A	288265.12	778077.54	3	NN
172	GH04-15	288005.76	778096.29	3	NN
173	GH04-15A	288018.16	778057.07	3	NN
175	GH04-17	288743.78	778891.98	3	NN
179	GH04-21	288239.66	779930.34	3	NN
180	GH04-22	288140.44	779868.00	3	NN

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

PROPOSED SIGN COORDINATE SCHEDULE

DWG. FILE NAME

18-1415-00-160.DWG

DATE

03/26/2021

SHEET NO.

160

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
181	GH04-23	288261.68	779877.18	3	NN
182	-	-	-	-	-
183	-	-	-	-	-
184	-	-	-	-	-
186	GH05-02	287327.39	779702.04	3	NN
187	GH05-03	286889.07	779377.84	3	NN
188	GH05-04	287341.23	779452.78	3	NN
189	GH05-05	287913.31	779329.95	3	NN
190	GH05-06	287611.03	779254.96	3	NN
191	GH05-07	287325.65	779273.61	3	NN
192	GH05-08	287033.36	779206.02	3	NN
194	GH05-10	287939.18	778980.39	3	NN
195	GH05-11	287776.59	779029.40	3	NN
198	GH05-14(A)	286869.81	778906.45	3	NN
199	GH05-14(B)	286858.01	778915.88	3	NN
200	GH05-15(A)	286499.33	778918.48	3	NN
201	GH05-15(B)	286512.88	778925.14	3	NN
202	GH05-16	287981.47	778419.03	3	NN
204	GH05-18	287392.34	778396.45	3	NN
208	GH05-21(B)	286796.55	778422.66	3	NN

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
209	GH05-22(A)	286545.43	778418.66	3	NN
210	GH05-22(B)	286559.52	778418.87	3	NN
211	GH05-22A	286487.87	778416.13	3	NN
215	GH05-26	287651.00	778027.04	3	NN
216	GH05-26A	287471.70	777809.80	3	NN
221	GH05-31	287967.04	778409.97	4	NN
222	GH05-32	287896.10	779356.14	4	NN
223	GH05-32A	287910.99	779495.41	3	NN
224	GH05-32B	288156.89	779514.68	3	NN
226	GH05-34	287872.86	779869.15	3	NN
231	GH06-05	285887.76	778994.90	3	NN
232	GH06-06	286455.99	778830.21	3	NN
235	GH06-09	285648.94	778826.35	3	NN
237	GH06-11	286492.88	778564.13	3	NN
241	GH06-15	286241.72	778354.65	3	NN
249	GH07-01	284401.59	779862.03	3	NN
250	GH07-02	283931.04	779848.89	3	NN
251	GH07-03	284375.89	779709.32	3	NN
252	GH07-04	283889.68	779697.81	3	NN
254	GH07-06	284382.27	779442.00	3	NN

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

**MEM
AIRFIELD SIGNAGE
REPLACEMENT**

SHEET TITLE:

**PROPOSED SIGN
COORDINATE SCHEDULE**

DWG. FILE NAME

18-1415-00-161.DWG

DATE

03/26/2021

SHEET NO.

161

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
257	GH07-09	284665.44	779297.58	3	NN
258	GH07-10	284154.31	779286.39	3	NN
259	GH07-11	284702.73	779186.15	3	NN
263	GH07-15	283887.32	779171.77	3	NN
265	GH07-17	284679.20	778939.67	3	NN
266	GH07-18	284438.92	778934.21	3	NN
267	GH07-19	284408.77	778945.39	3	NN
268	GH07-20	283927.84	778928.42	3	NN
269	GH07-21(A)	283853.92	778921.08	3	NN
270	GH07-21(B)	283838.87	778920.66	3	NN
283	GH07-34(A)	283861.92	778356.43	3	NN
284	GH07-34(B)	283846.82	778356.08	3	NN
286	GH07-36	283890.45	778314.11	3	NN
287	GH07-38	284418.84	778087.83	3	NN
289	GH07-41	283350.43	778077.73	3	NN
295	GH08-06	283371.68	778946.32	3	NN
296	GH08-07(A)	283398.70	778908.07	3	NN
297	GH08-07(B)	283413.80	778908.07	3	NN
298	GH08-08	282649.75	778756.47	4	NN
301	GH08-11	282227.45	778877.83	3	NN

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
302	GH08-12(A)	283331.14	778340.94	3	NN
303	GH08-12(B)	283346.23	778340.93	3	NN
307	GH08-15(B)	282239.50	778317.41	3	NN
310	GH08-18	281750.51	778040.11	3	NN
311	GH09-01	281588.94	779659.08	4	NN
312	GH09-02	281464.93	779641.15	3	NN
313	GH09-03	280539.22	779634.55	4	NN
314	GH09-04	281987.41	779327.96	3	NN
317	GH09-07	280797.70	779207.85	3	NN
318	GH09-08	280907.59	779083.86	3	NN
319	GH09-09	280542.17	779108.88	3	NN
320	GH09-10	281818.93	778880.78	3	NN
321	GH09-11	282000.99	778873.99	3	NN
323	GH09-13	281650.02	778733.18	4	NN
326	GH09-16	280561.66	778840.25	3	NN
327	GH09-17	280510.16	778853.20	3	NN
330	GH09-20(A)	281746.29	778308.13	3	NN
331	GH09-20(B)	281761.39	778308.08	3	NN
334	GH09-23(A)	281078.54	778291.46	3	NN
335	GH09-23(B)	281063.45	778291.14	3	NN

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

**MEM
AIRFIELD SIGNAGE
REPLACEMENT**

SHEET TITLE:

**PROPOSED SIGN
COORDINATE SCHEDULE**

DWG. FILE NAME

18-1415-00-162.DWG

DATE

03/26/2021

SHEET NO.

162

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
338	GH09-26(A)	280556.28	778280.49	3	NN
339	GH09-26(B)	280571.38	778280.54	3	NN
341	GH09-28	280790.51	779847.24	3	NN
342	GH09-29	280538.46	779772.12	3	NN
343	GH09-30	280808.27	779625.85	3	NN
344	GH09-31	280509.39	779619.00	3	NN
345	GH10-01	279589.48	779612.35	4	NN
346	GH10-02	280489.99	779351.19	3	NN
347	GH10-03	279762.16	779334.40	3	NN
348	GH10-04	279650.57	778686.59	4	NN
351	GH11-01	278589.76	779588.98	4	NN
352	GH11-02	277590.03	779565.61	4	NN
357	GH11-07	278479.05	779229.46	3	NN
359	GH11-09	278741.25	778820.45	3	NN
360	GH11-10	278207.75	778799.23	3	NN
362	GH11-11(B)	278471.14	778789.93	3	NN
364	GH11-13	277651.11	778640.01	4	NN
365	GH11-14	278650.84	778663.30	4	NN
368	GH11-17(A)	278755.63	778236.11	3	NN
369	GH11-17(B)	278740.54	778235.79	3	NN

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
372	GH11-20(A)	278258.74	778225.02	3	NN
373	GH11-20(B)	278273.84	778225.07	3	NN
374	GH11-22	278241.96	779153.79	3	NN
375	GH12-01	276590.30	779542.24	4	NN
376	GH12-02	276811.87	779011.58	3	NN
377	GH12-03	276551.70	779103.01	3	NN
379	GH12-05	276231.44	779104.18	3	NN
380	GH12-06	276278.89	778993.34	3	NN
382	GH12-08	276677.99	778617.34	4	NN
383	GH12-09	276234.89	778737.73	3	NN
384	GH12-10	276027.20	778735.35	3	NN
389	GH12-16	276315.05	779881.64	3	NN
391	GH12-19	275975.28	779861.52	3	NN
394	GH12-22	276029.79	779666.95	3	NN
395	GH12-23	276019.56	779554.86	3	NN
396	GH12-24	276453.86	779529.59	3	NN
398	GH13-02	275756.39	779093.30	3	NN
399	GH13-03	275791.47	778977.20	3	NN
401	GH13-05	275985.99	778724.01	3	NN
402	GH13-06	275771.57	778728.73	3	NN

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

PROPOSED SIGN COORDINATE SCHEDULE

DWG. FILE NAME

18-1415-00-163.DWG

DATE

03/26/2021

SHEET NO.

163

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
403	GH13-07	275549.58	778720.46	3	NN
408	GH13-12	275770.14	778168.28	3	NN
410	GH13-14	275760.96	779856.84	3	NN
412	GH13-16	275518.82	779654.96	3	NN
413	GH13-17	275773.06	779538.79	3	NN
414	IJ04-01	288223.86	780184.76	3	NN
415	IJ04-02	288235.06	780238.50	3	NN
416	IJ04-03	288050.92	781061.46	3	NN
417	IJ04-04	288113.35	780229.38	3	NN
419	IJ04-06	288171.81	781070.89	3	NN
420	IJ04-07	288157.96	781014.22	3	NN
421	IJ04-08	288078.09	780699.94	3	NN
425	IJ05-03	287504.96	780917.00	3	NN
426	IJ05-04	287194.05	780932.44	3	NN
428	IJ05-06	287489.23	780535.07	3	NN
429	IJ05-07	287131.01	780555.02	3	NN
431	IJ05-09	287746.56	781350.54	4	NN
432	IJ05-10	287577.97	780141.46	3	NN
434	IJ05-12	287849.02	780188.16	3	NN
435	IJ05-13	287684.60	780149.42	3	NN

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
436	IJ05-14	287821.33	780353.34	4	NN
438	IJ06-02	286772.80	780513.31	3	NN
439	IJ06-03	286981.68	780787.84	3	NN
440	IJ07-01	284719.96	780385.21	3	NN
441	IJ07-01A	285199.27	780202.69	3	NN
442	IJ07-02	284150.34	780365.24	3	NN
444	IJ07-04	284674.65	780074.98	3	NN
446	IJ07-06(A)	284335.52	780103.95	3	NN
447	IJ07-06(B)	284335.41	780115.52	3	NN
448	IJ07-07	284143.47	780116.88	3	NN
449	IJ07-08	284143.64	780061.24	3	NN
450	IJ07-09	283915.87	780116.91	3	NN
451	IJ07-10	283870.95	780140.20	3	NN
454	IJ09-03	280841.43	780183.19	3	NN
462	IJ11-03	278074.93	780531.36	3	NN
464	IJ11-05(A)	278413.65	780772.66	3	NN
466	IJ11-06	278140.82	780792.15	3	NN
467	IJ12-02	276412.99	780173.73	3	NN
468	IJ12-04	276032.72	780164.65	3	NN
469	IJ12-05	277357.60	780093.33	3	NN

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

PROPOSED SIGN COORDINATE SCHEDULE

DWG. FILE NAME

18-1415-00-164.DWG

DATE

03/26/2021

SHEET NO.

164

SCALE

NOT TO SCALE

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
471	IJ13-02	275773.06	780153.85	3	NN
472	KL04-01	288153.77	782085.39	3	NN
473	KL04-01A	288182.99	781697.58	3	NN
475	KL05-02	287668.24	782595.35	3	NN
477	KL05-04	287093.77	782592.15	3	NN
479	KL05-06	287692.27	782276.17	3	NN
483	KL05-10	287388.68	781364.42	3	NN
484	KL05-11	287192.62	781653.61	3	NN
486	MN04-02	288153.22	784629.76	3	NN
487	MN04-03	288151.77	784570.01	3	NN
488	MN05-01	287973.34	785217.50	3	NN
489	MN05-02	287890.58	785168.23	3	NN
490	MN05-03	287923.99	784709.77	3	NN
491	MN05-04	287785.44	784600.84	3	NN
492	MN05-05	287526.60	784483.73	3	NN
493	MN05-06	287353.72	784598.25	3	NN
494	MN05-07	287217.07	783540.27	3	NN
497	MN05-10(B)	287182.80	784813.19	3	NN
499	MN05-13	286921.72	784807.87	3	NN
-	-	-	-	-	-

ITEM NUMBER	SIGN NUMBER	NORTHING (Y)	EASTING (X)	SIGN SIZE	ACTION CODES
1	CD04-01	288724.09	775978.14	3	NN
500	CD04-02	288800.12	775885.50	3	NN
46	CD08-12	282029.15	775321.02	3	NN
105	EF04-04	289071.69	776187.07	3	NN
205	GH05-19	287089.27	778335.06	3	NN
501	GH05-26B	287450.14	777418.11	3	NN
219	GH05-29	286924.53	778014.28	3	NN
502	GH05-29A	286929.06	778014.38	3	NN
388	GH12-14	277398.06	779862.96	3	NN
503	IJ06-04	286782.98	780820.04	3	NN
504	IJ07-01B	284868.46	780560.29	3	NN
461	IJ11-02	277845.05	780078.24	3	NN
470	IJ13-01	275800.42	780159.51	3	NN
505	KL05-04A	287082.38	782591.82	3	NN
481	KL05-08	287331.87	782210.95	3	NN
506	KL05-08A	287343.42	782211.66	3	NN
507	KL05-12	287128.90	781390.05	3	NN
508	KL05-13	287062.90	782283.96	3	NN
-	-	-	-	-	-
-	-	-	-	-	-

GENERAL NOTES:

- A. REFER TO SHEETS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES.
- B. FOR EACH SIGN REPLACEMENT, PERFORM LOCKOUT AND TAGOUT PROCEDURES ON CCRS. DE-ENERGIZE ASSOCIATED CIRCUIT CCR.
- C. SIGNAGE COMPONENTS DAMAGED DURING INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- D. CABLE CONNECTIONS FOR GUIDANCE SIGNS SHALL BE PERMITTED ONLY WITHIN THE SIGN/LIGHT BASES BY CONNECTING THE UNDERGROUND CABLE TO THE PRIMARY LEADS OF THE INDIVIDUAL ISOLATION TRANSFORMERS. PROVIDE CABLE IN CONTINUOUS LENGTHS FOR HOME RUNS OR CABLE RUNS WITHOUT CONNECTIONS/SPLICES, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- E. THE INSTALLATION OF ALL SIGNS AND ASSOCIATED SIGN PANELS INCLUDING SIGN SIZES, CHARACTER SPACING AND ARROW ORIENTATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, CONTRACT SPECIFICATIONS, AND FAA ADVISORY CIRCULAR 150/5345-44 (LATEST EDITION).
- F. SIGN TABLE HAS BEEN DEVELOPED WITH AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL CONFIRM EXISTING SIGN CIRCUITING FOR ALL SIGNS BEING REPLACED PRIOR TO ORDERING.
- G. REFER TO SHEETS 169 THRU 171 FOR SIGN INSTALLATION ON EXISTING, NEW AND MODIFIED FOUNDATIONS.

ACTION CODES:

- (RE) REMOVE EXISTING AIRFIELD GUIDANCE SIGN: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, ISOLATION TRANSFORMER AND CONNECTORS. PULL, CAP, AND PROTECT SERIES LIGHTING CABLE BACK TO NEAREST ADJACENT LIGHT BASE OR HAND HOLE, UON ON DRAWINGS.
- (RA) REMOVE EXISTING AIRFIELD GUIDANCE SIGN, MODIFY FOUNDATION/BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 168 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (RR) REMOVE EXISTING AIRFIELD GUIDANCE SIGN AND BASE: REMOVE AND DISPOSE OF EXISTING AIRFIELD GUIDANCE SIGN, CONCRETE FOUNDATION, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.
- (NE) NEW AIRFIELD GUIDANCE SIGN ON EXISTING BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY ON EXISTING FOUNDATION/BASE. PULL COILED SERIES LIGHTING CABLE IN ADJACENT LIGHT BASE OR HAND HOLE UON ON DRAWINGS AND PROVIDE ISOLATION TRANSFORMER AND CONNECTORS.
- (NA) NEW AIRFIELD GUIDANCE SIGN ON MODIFIED FOUNDATION/BASE: PROVIDE COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS. REFER TO SHEET 170 FOR ADDITIONAL INFORMATION FOR MODIFYING THE CONCRETE FOUNDATION/BASE.
- (NN) NEW AIRFIELD GUIDANCE SIGN AND BASE: FURNISH AND INSTALL COMPLETE AIRFIELD GUIDANCE SIGN ASSEMBLY INCLUDING SIGN BASE, CONCRETE FOUNDATION, MAINTENANCE PAD, SERIES LIGHTING CABLE, ISOLATION TRANSFORMER AND CONNECTORS.

CONSTRUCTION DOCUMENTS



PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
△	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:

PROPOSED SIGN COORDINATE SCHEDULE

DWG. FILE NAME

18-1415-00-165.DWG

DATE

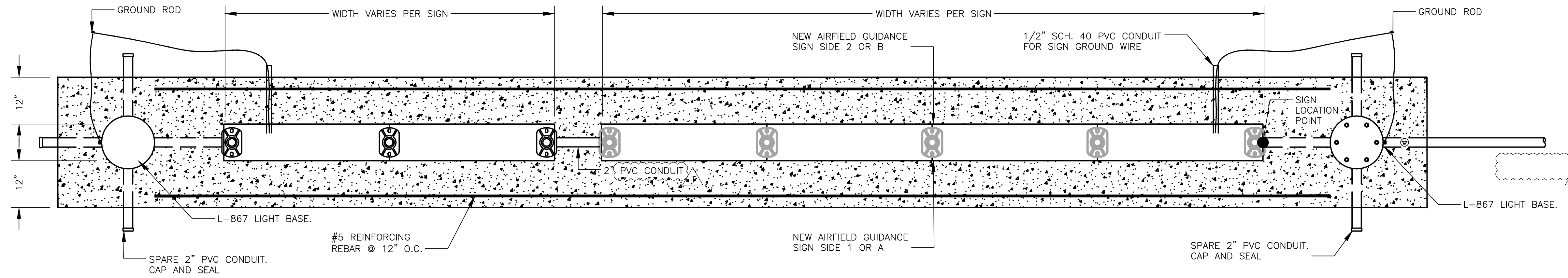
03/26/2021

SHEET NO.

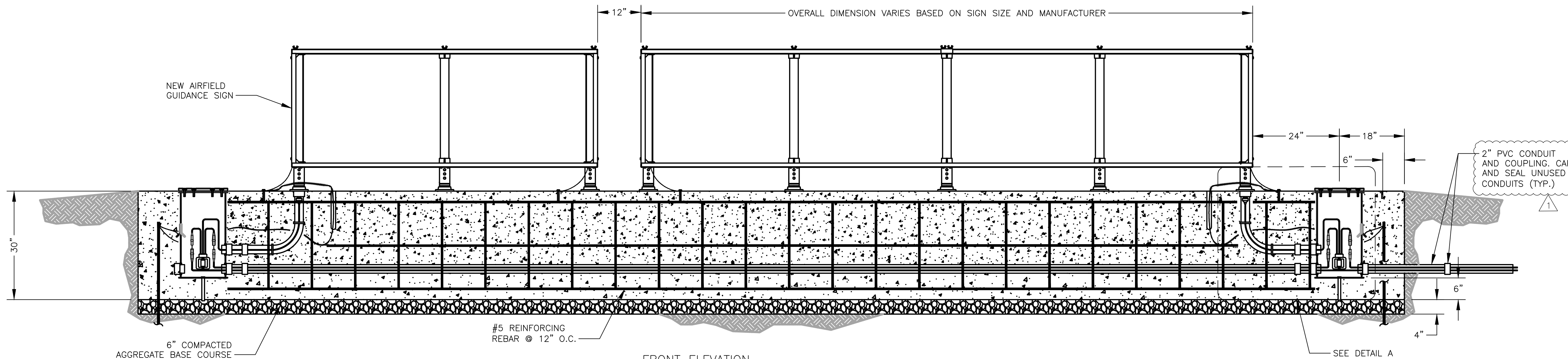
165

SCALE

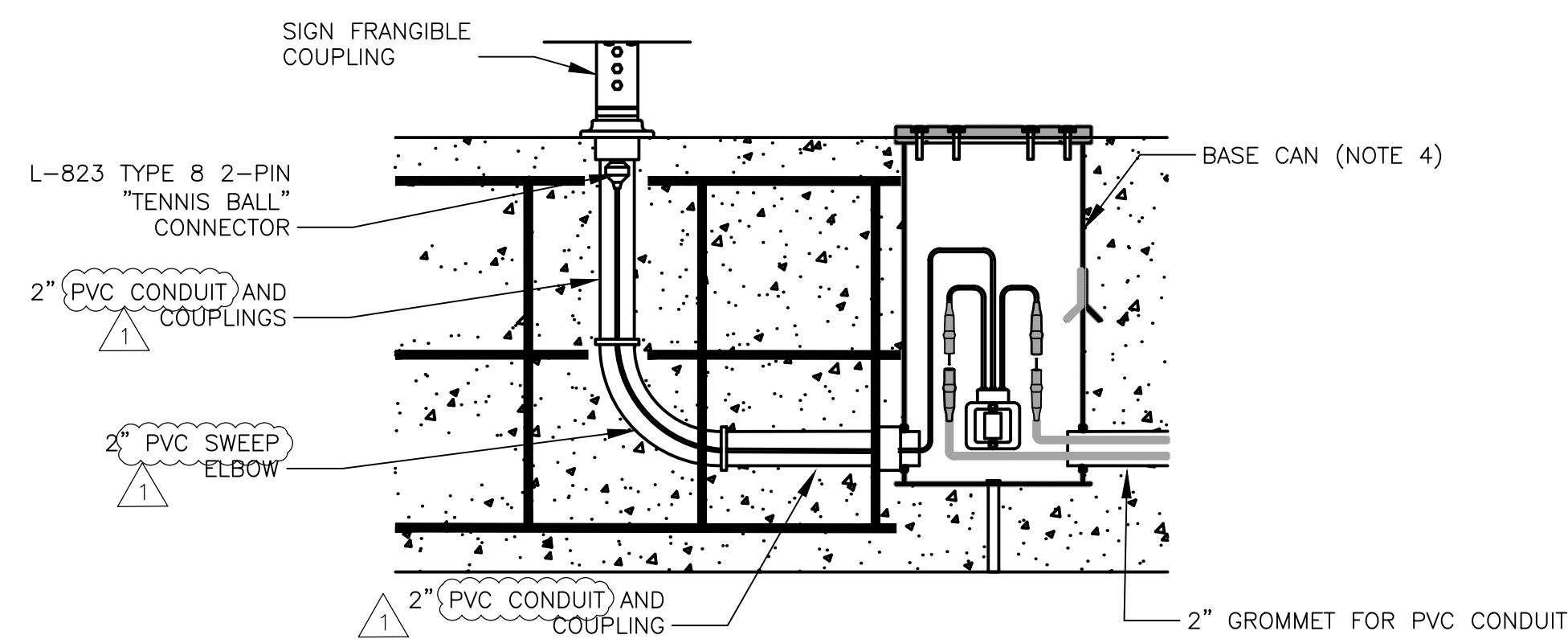
NOT TO SCALE



PLAN VIEW



FRONT ELEVATION
(SIDE 1 OR A)



DETAIL A
NOT TO SCALE

GENERAL NOTES:

- A. REFER TO DRAWING NUMBERS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.
- B. AIRFIELD GUIDANCE SIGNS, MATERIALS AND PANELS SHALL CONFORM TO FAA AC 150/5345-44.
- C. FOR SIGNS LONGER THAN 4 MODULES, TWO SIGN ARRAYS SHALL BE INSTALLED AND CONNECTED TOGETHER. COORDINATE WITH MANUFACTURER FOR CONNECTION REQUIREMENTS AND WIRING.

DETAIL NOTES:

- 1. GRADE AROUND SIGNS AS NECESSARY TO PREVENT SILT/DIRT INFILTRATION ONTO SIGN FOUNDATION. COORDINATE SIGN FOUNDATION WITH SIGN ACCESS SERVICE ROAD AND GRADING. RUNWAY/TAXIWAY SAFETY AREA GRADING CRITERIA SHALL BE OBSERVED.
- 2. INTEGRAL MANUFACTURER INSTALLED REPOSITIONABLE FIXTURE NUMBER LABEL HOLDER FOR UP TO SEVEN (7) CHARACTERS. PROVIDE NUMBER INSERTS AS INDICATED IN THE SIGN SCHEDULE. AIRFIELD SIGN LABELS SHALL BE PLACED ON SIGN END TO BE VIEWED FROM PAVEMENT AND ADJACENT PULLCAN, UON.
- 3. ALL SIGNS SHALL BE FURNISHED WITH ONE TETHER PER MODULE. TETHERS SHALL BE 3/16\"/>
- 4. L-867B CLASS 1A BASE CAN, 12\"/>
- 5. PROVIDE 2\"/>
- 6. INSTALL TWO GROUND RODS AT EACH SIGN ARRAY. ONE 3/4\"/>
- 7. EXTENDER CABLE SHALL BE LONG ENOUGH TO EXTEND 3' OUT OF THE L-867B CAN.
- 8. PROVIDE SIGN WITH EXTERNAL POWER DISCONNECT (ON/OFF) SWITCH TO ISOLATE THE SIGN FROM THE CIRCUIT FOR MAINTENANCE.
- 9. FOUNDATION MODIFICATION SHALL BE DESIGNED FOR SIGN TO WITHSTAND 200MPH. CONTRACTOR SHALL SUBMIT FOUNDATION MODIFICATION SHOP DRAWING THAT IS SEALED BY CIVIL OR STRUCTURAL ENGINEER LICENSED IN THE STATE OF TENNESSEE.

CONSTRUCTION DOCUMENTS

PROGRAM MANAGER



ENGINEER

JOB NO.

DRAWN BY:

PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

REVISIONS

MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
Δ	05/27/21	ADDENDUM #1

MSCAA PROJ. NO.

18-1415-01

PROJECT:

**MEM
AIRFIELD SIGNAGE
REPLACEMENT**

SHEET TITLE:

SIGN ARRAY DETAIL

DWG. FILE NAME

18-1415-00-168T0177.DWG

DATE

03/26/2021

SCALE

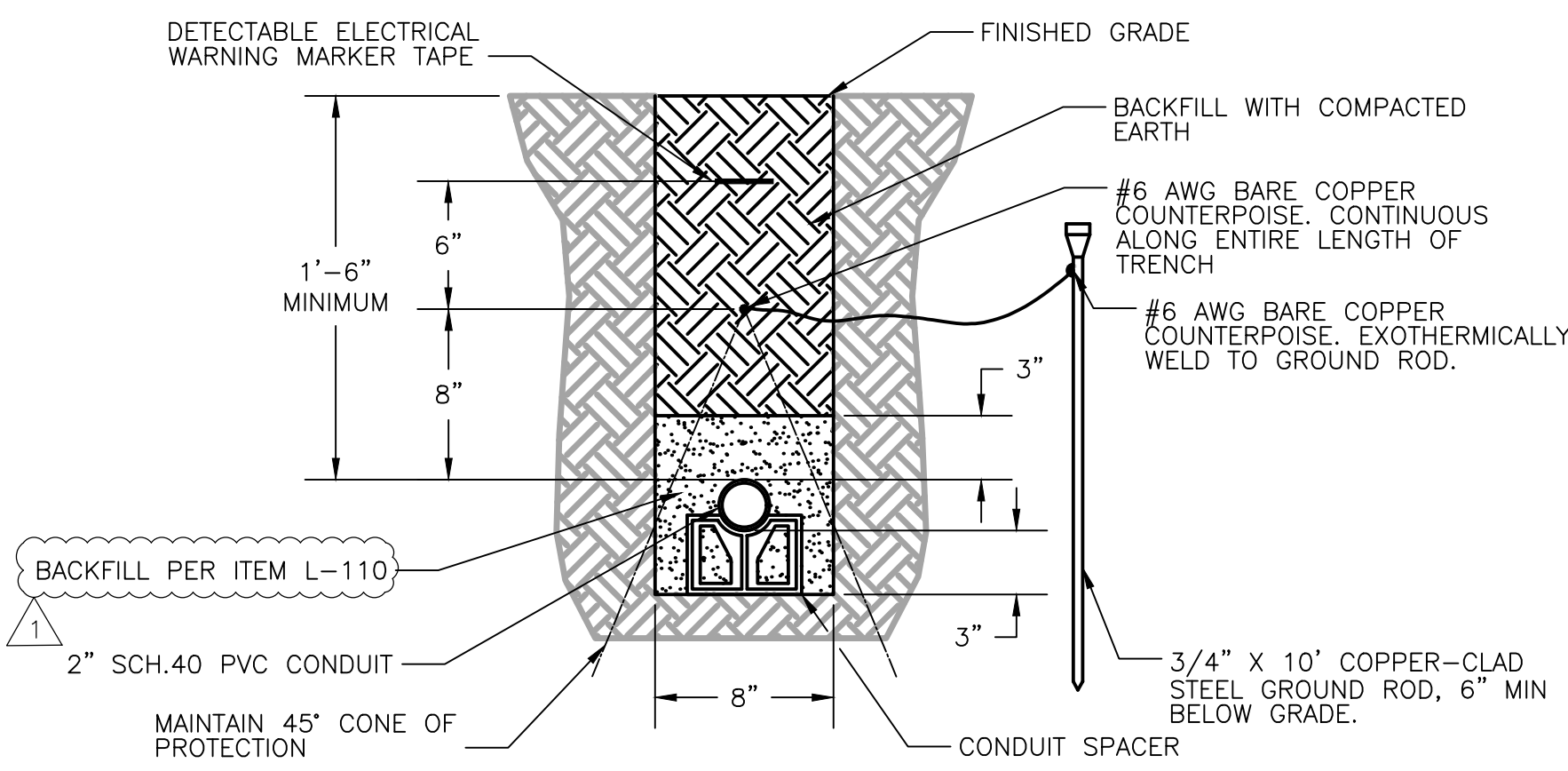
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SHEET NO.

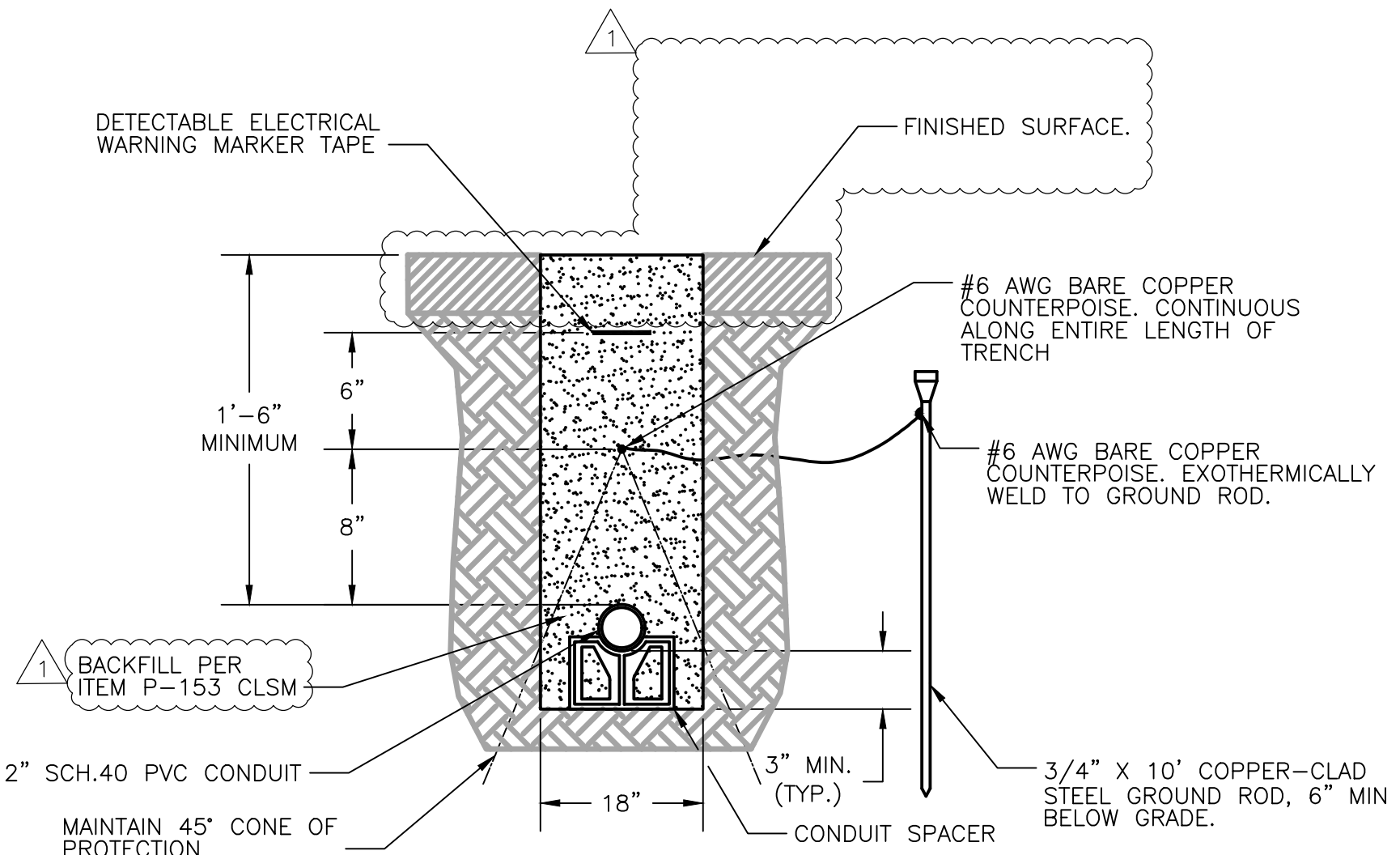
172

GENERAL NOTES:

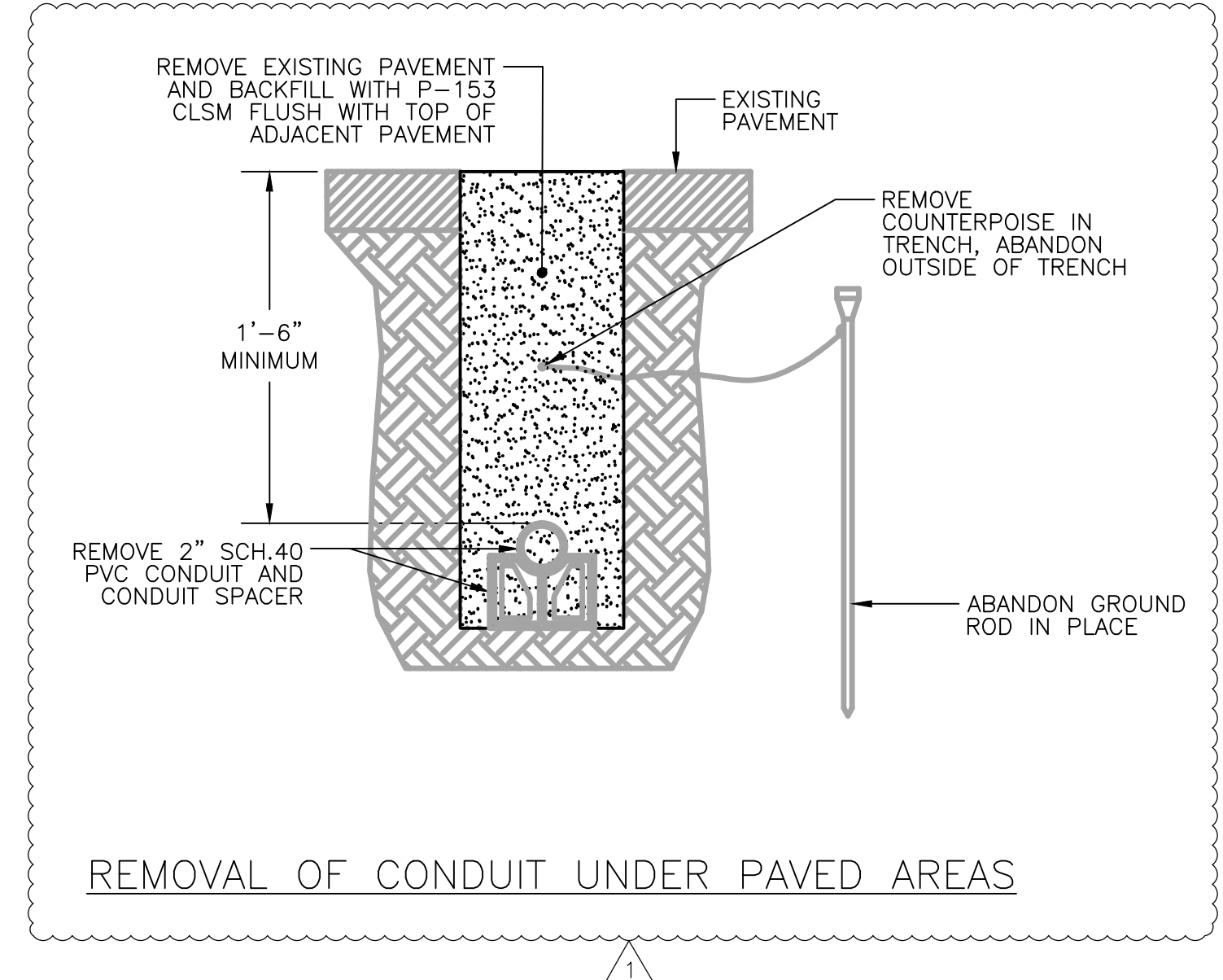
A. REFER TO DRAWING NUMBERS 012, 013, AND 014 FOR LEGEND, ABBREVIATIONS, AND GENERAL ELECTRICAL NOTES THAT ARE APPLICABLE TO ALL ELECTRICAL DRAWINGS.



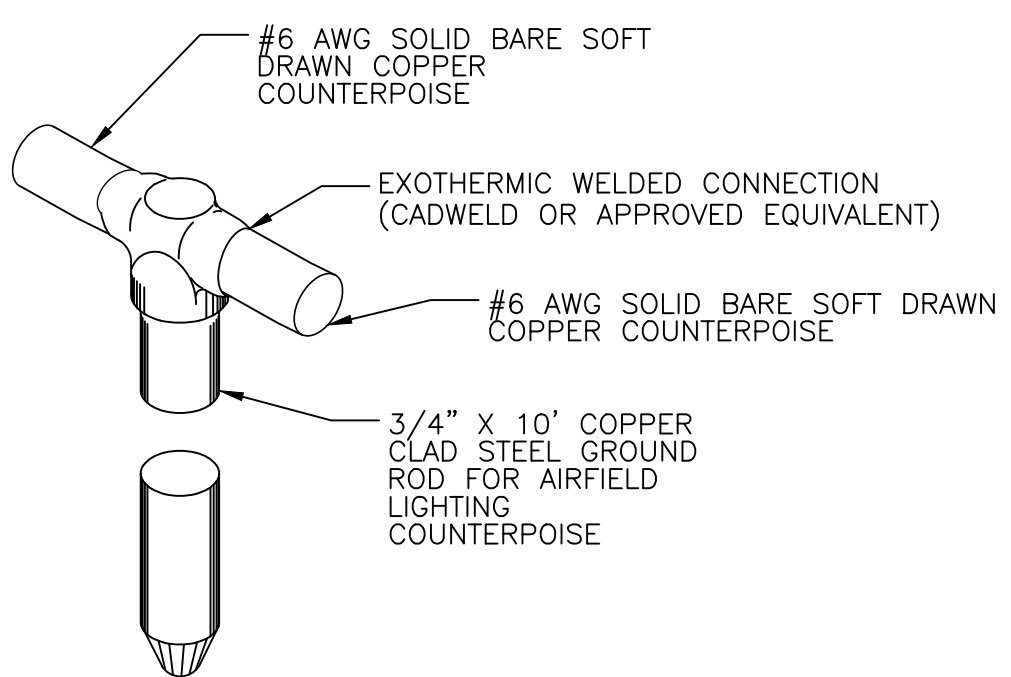
1 WAY, 2" CONDUIT IN TURF



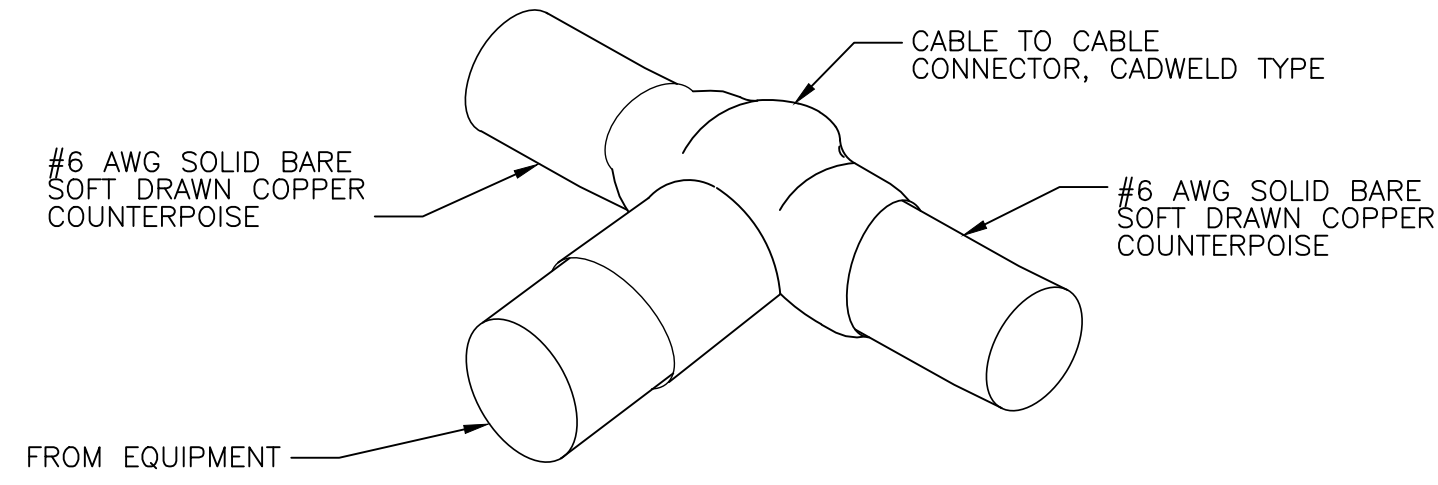
1 WAY, 2" CONDUIT IN PAVED SHOULDER



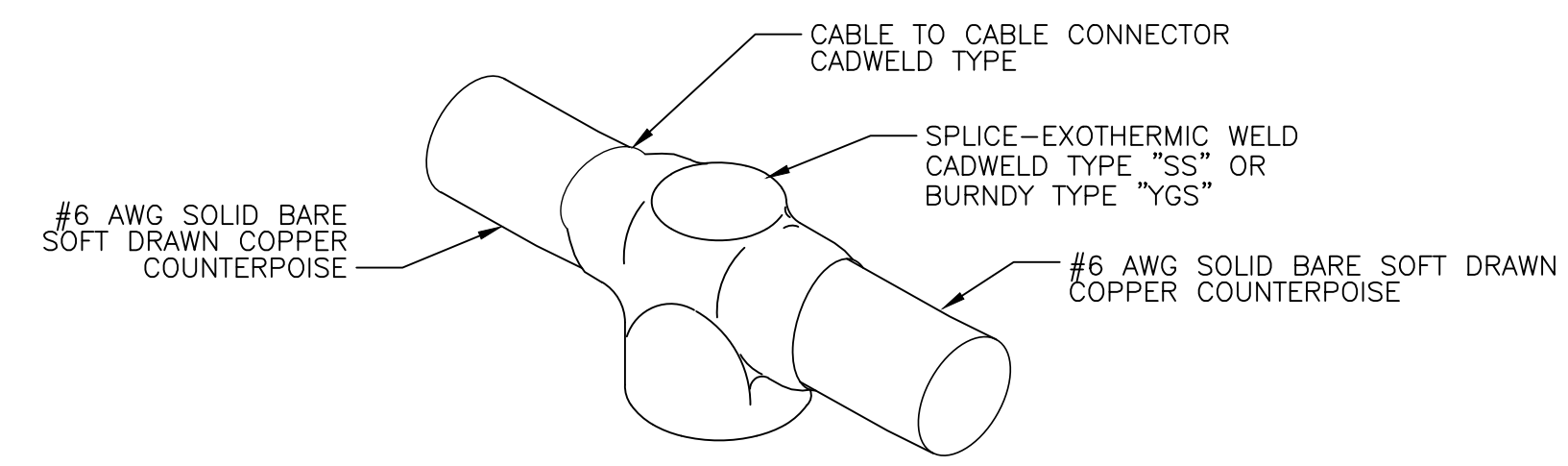
REMOVAL OF CONDUIT UNDER PAVED AREAS



TYPICAL COUNTERPOISE GROUND ROD CONNECTION



CABLE TO CABLE EQUIPMENT ENLARGEMENT



CABLE TO CABLE SPLICE ENLARGEMENT

ENGINEER

JOB NO.

DRAWN BY:

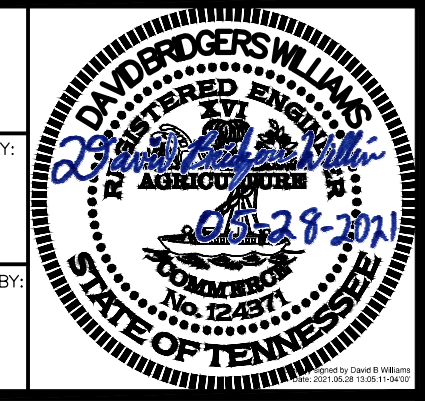
PAT

CHECKED BY:

DBW

APPROVED BY:

DBW



KEY MAP:

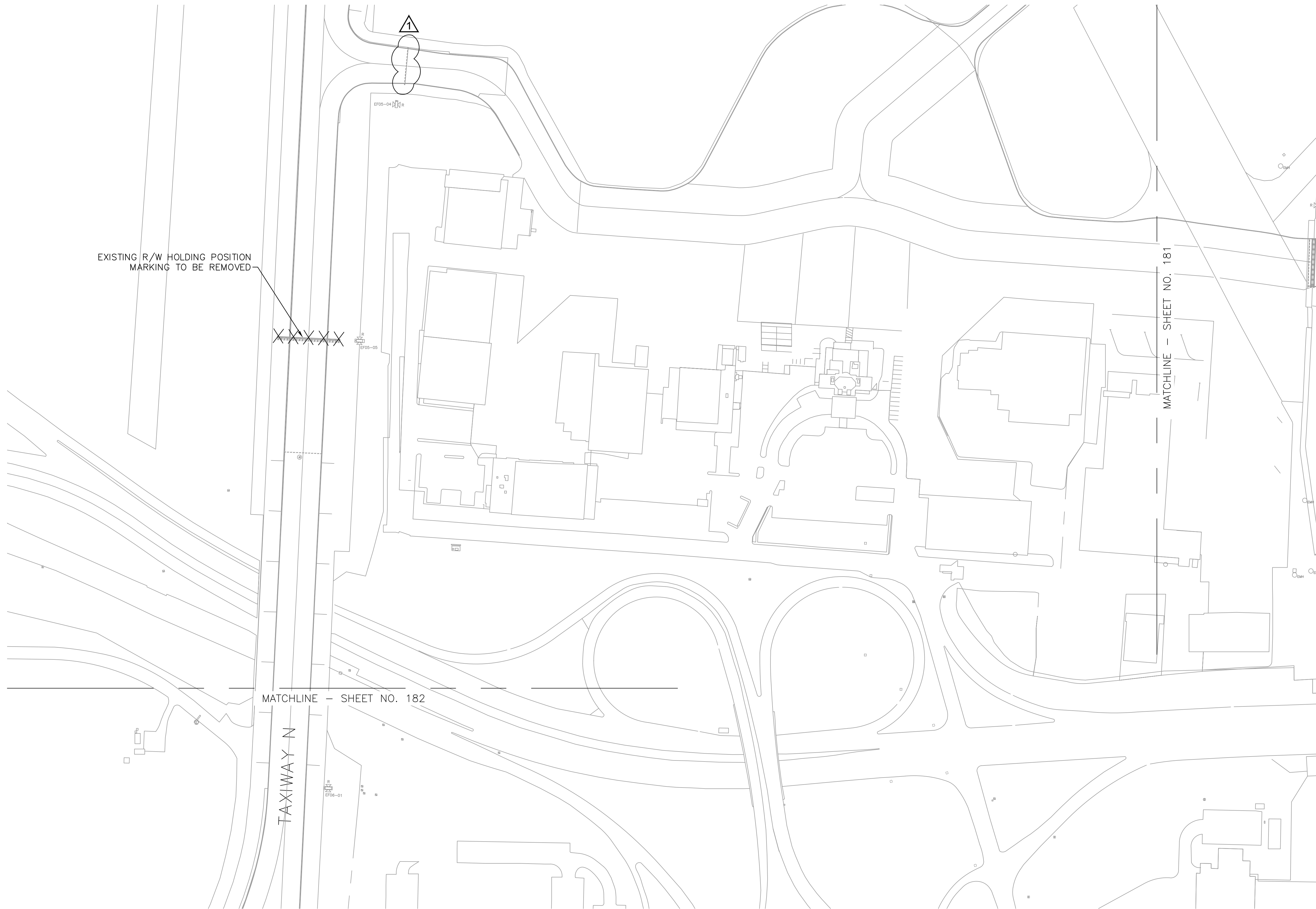
REVISIONS		
MARK	DATE	DESCRIPTION
	03/26/21	CONSTRUCTION DOCUMENTS
1	05/27/21	ADDENDUM #1

MSCAA PROJ. NO. 18-1415-01

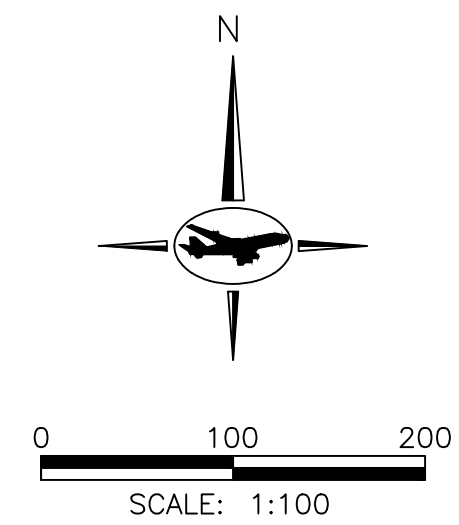
PROJECT: MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE: DUCT BANK, CONDUIT AND COUNTERPOISE DETAILS

DWG. FILE NAME: 18-1415-00-168TO177.DWG	
DATE: 03/26/2021	SHEET NO.: 174
SCALE: NOT TO SCALE	



- NOTES:**
- SEE SHEET NO. 178 FOR PAVEMENT MARKING REMOVAL LEGEND AND ASSOCIATED NOTES.

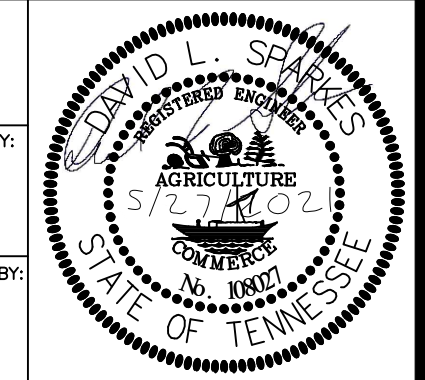


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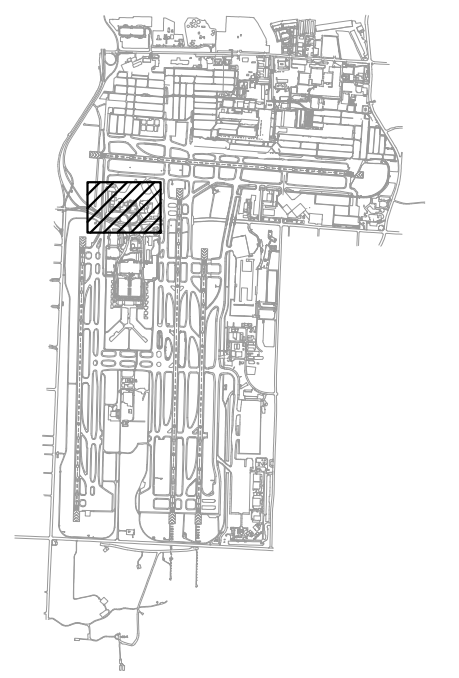
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JOB NO. 115325000

DRAWN BY: JMG
 CHECKED BY: JMG
 APPROVED BY: DLS



KEY MAP:



REVISIONS

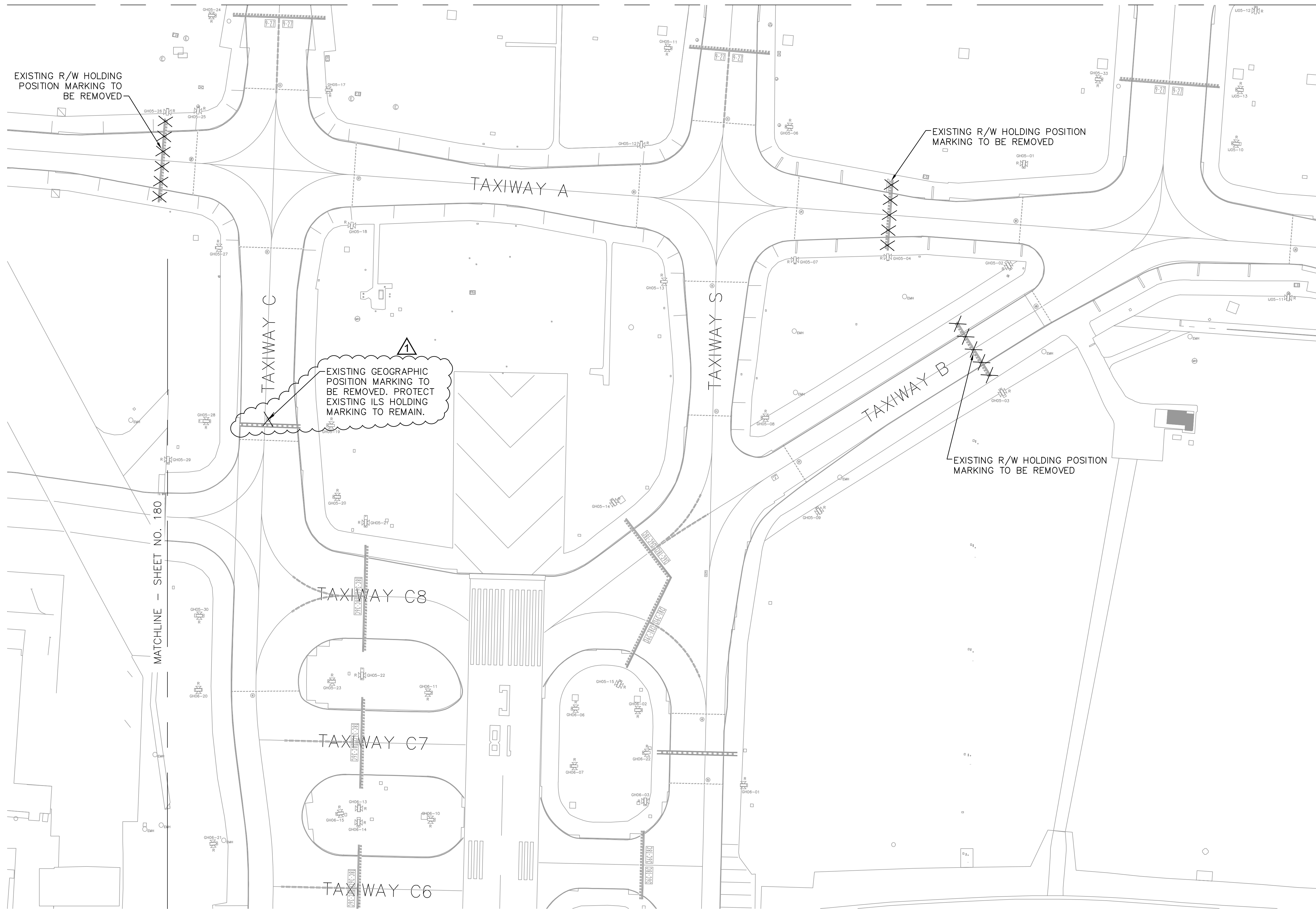
MARK	DATE	DESCRIPTION
1	5/27/2021	ADDENDUM #1

MSCAA PROJ. NO. **18-1415-01**

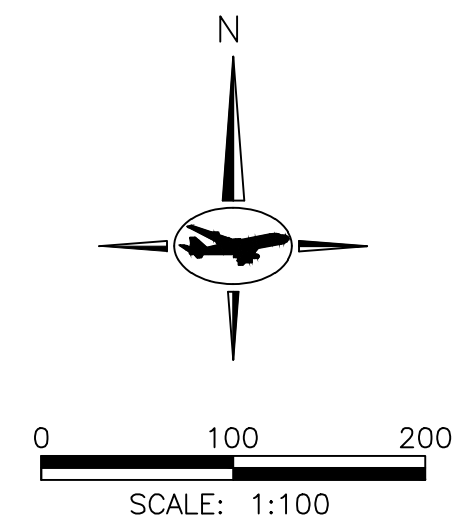
PROJECT: **MEM AIRFIELD SIGNAGE REPLACEMENT**

SHEET TITLE: **PAVEMENT MARKING REMOVAL PLAN**

DWG. FILE NAME: 18-1415-00-178TO183.dwg
 DATE: 05/27/2021 SHEET NO. 180
 SCALE: 1:100



- NOTES:**
- SEE SHEET NO. 178 FOR PAVEMENT MARKING REMOVAL LEGEND AND ASSOCIATED NOTES.

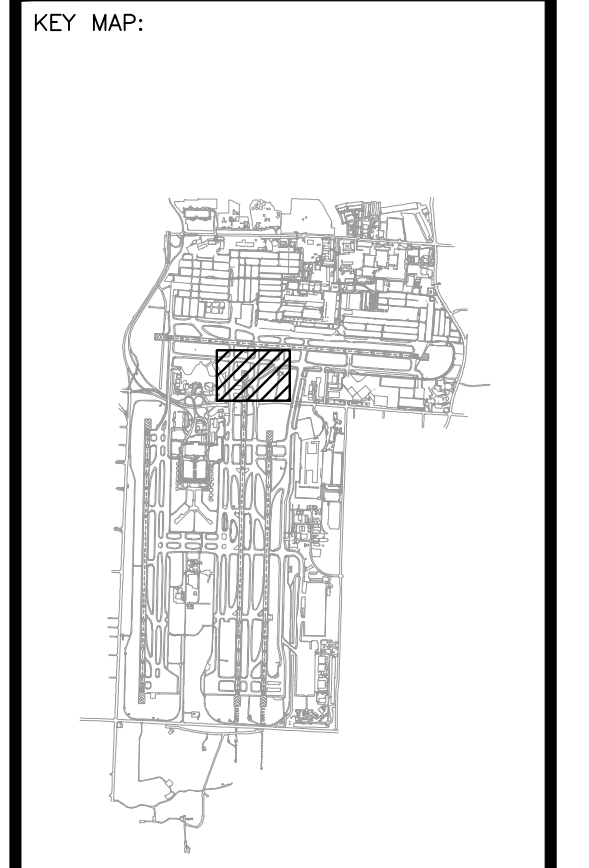


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 APPROVED BY: DLS



REVISIONS

MARK	DATE	DESCRIPTION
1	5/27/2021	ADDENDUM #1

MSCAA PROJ. NO. **18-1415-01**

PROJECT: **MEM AIRFIELD SIGNAGE REPLACEMENT**

SHEET TITLE: **PAVEMENT MARKING REMOVAL PLAN**

DWG. FILE NAME: 18-1415-00-178TO183.dwg
 DATE: 05/27/2021 SHEET NO. 181
 SCALE: 1:100



2
SHEET NO.
190

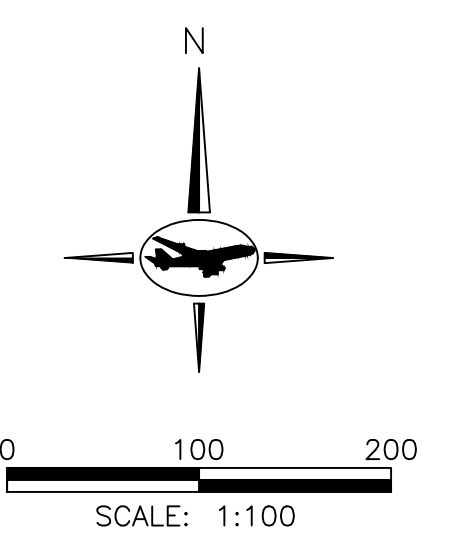
1
SHEET NO.
190

MATCHLINE - SHEET NO. 188

TAXIWAY N

MATCHLINE - SHEET NO. 187

NOTES:
1. SEE SHEET NO. 184 FOR PAVEMENT MARKING LAYOUT LEGEND AND ASSOCIATED NOTES.

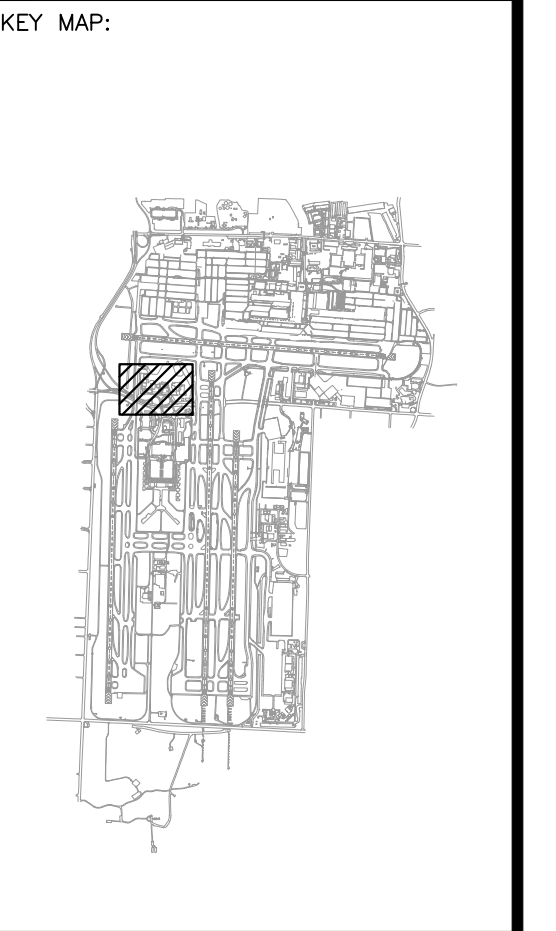


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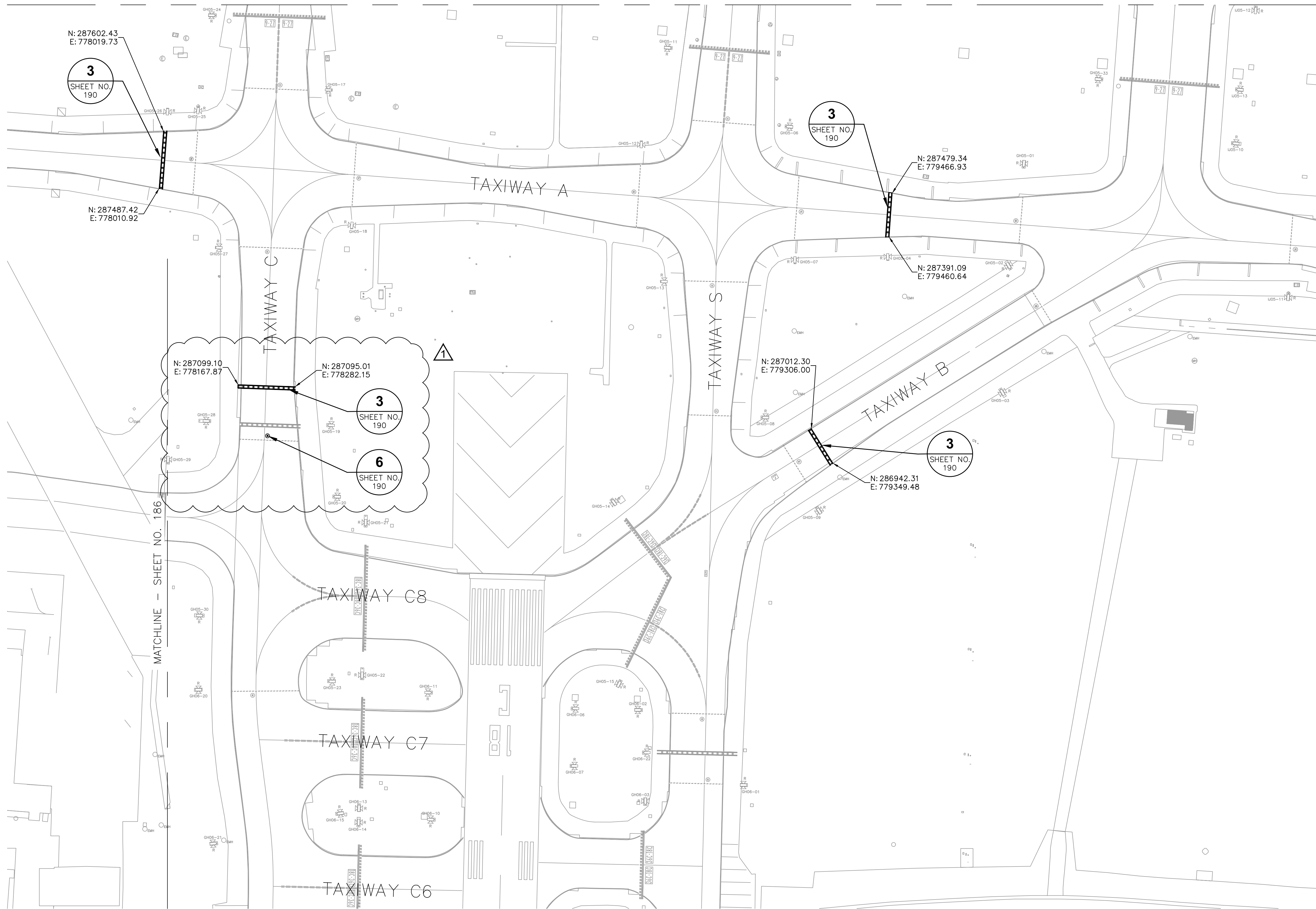
MARK	DATE	DESCRIPTION
1	5/27/2021	ADDENDUM #1

MSCAA PROJ. NO.
18-1415-01

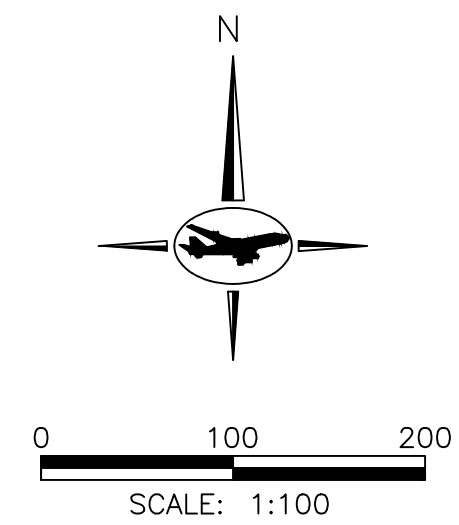
PROJECT:
MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE:
PAVEMENT MARKING LAYOUT PLAN

DWG. FILE NAME
18-1415-00-184TO189.dwg
DATE
05/27/2021
SCALE
1:100
SHEET NO.
186



NOTES:
 1. SEE SHEET NO. 184 FOR PAVEMENT MARKING LAYOUT LEGEND AND ASSOCIATED NOTES.

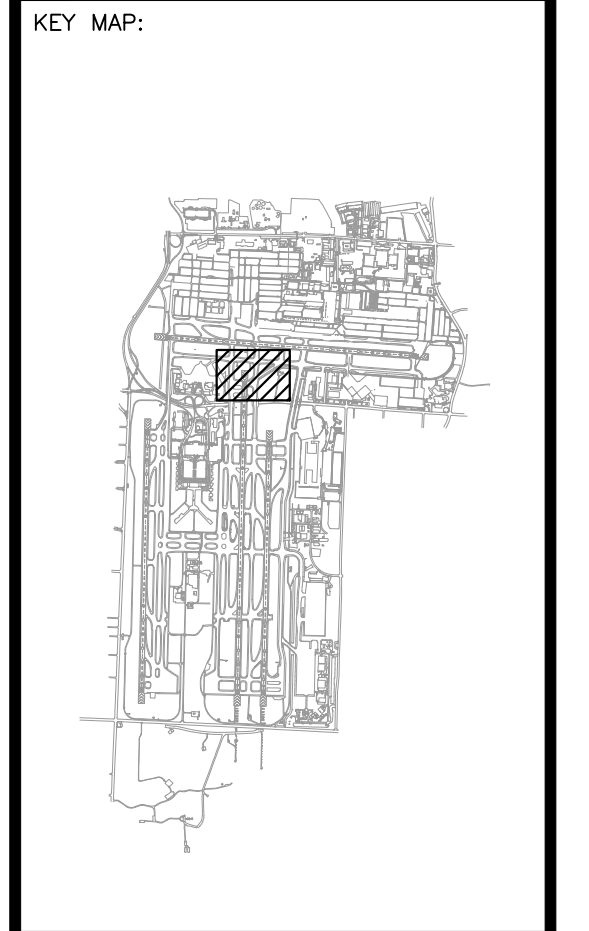


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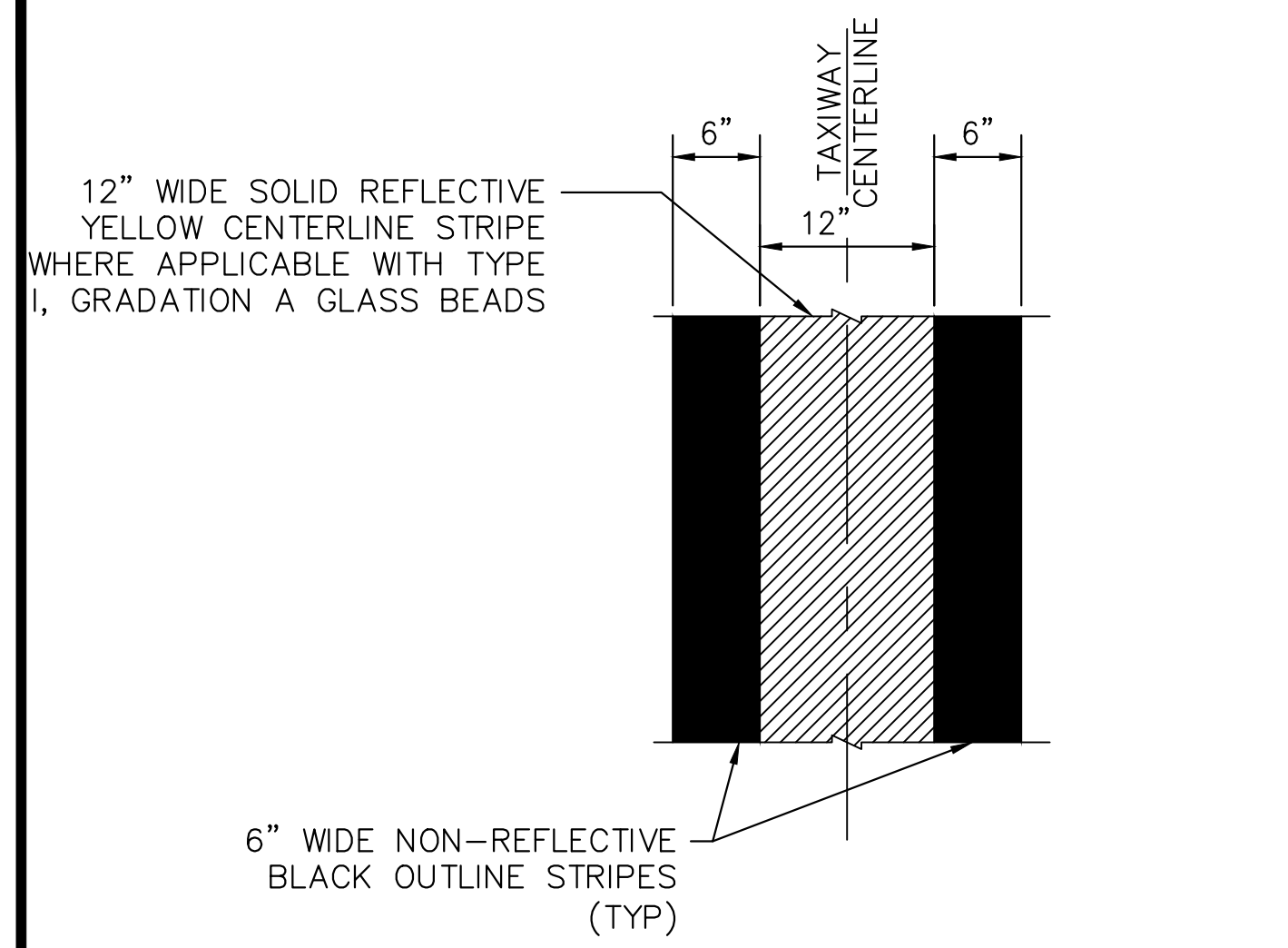
MARK	DATE	DESCRIPTION
1	5/27/2021	ADDENDUM #1

MSCAA PROJ. NO. **18-1415-01**

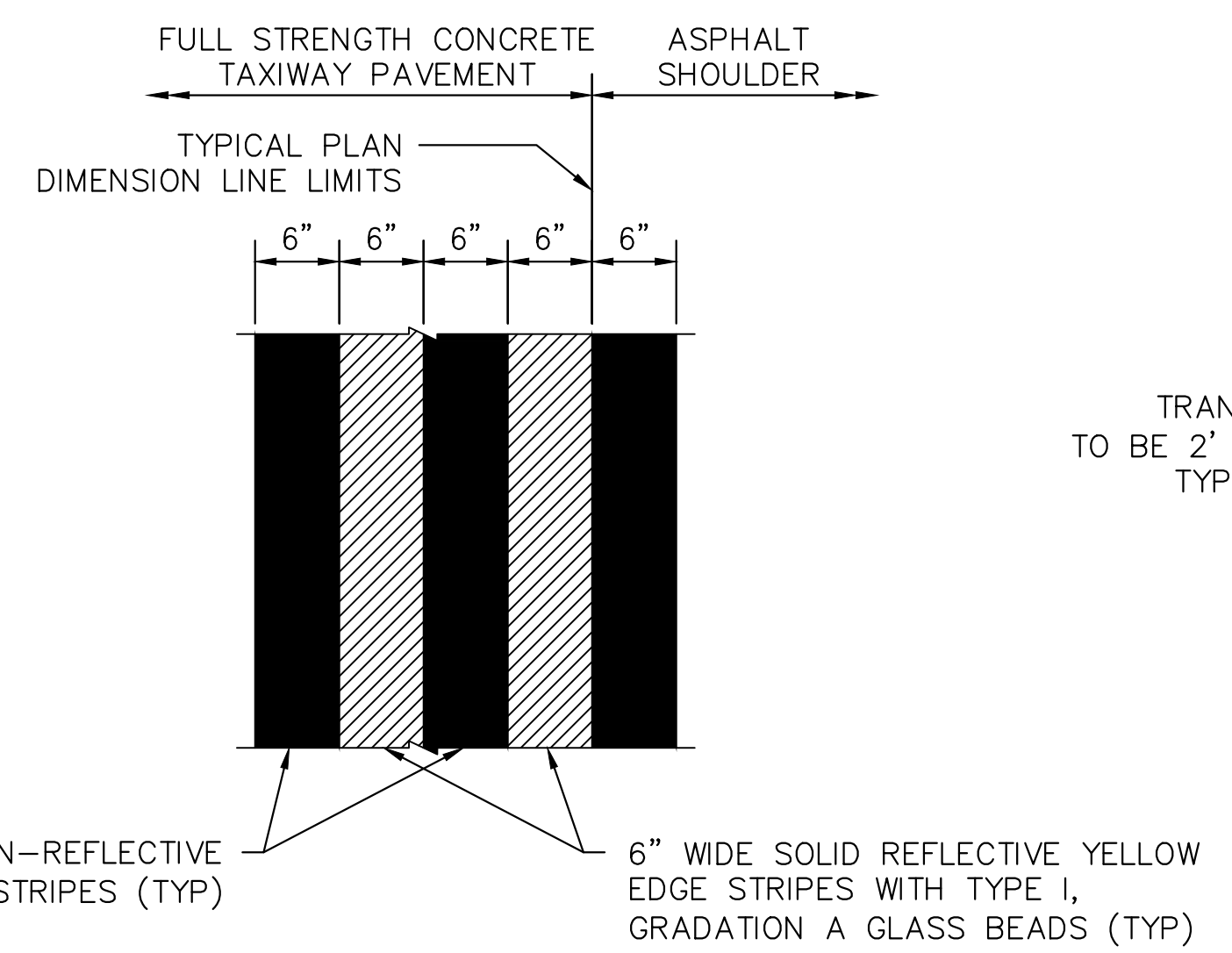
PROJECT: **MEM AIRFIELD SIGNAGE REPLACEMENT**

SHEET TITLE: **PAVEMENT MARKING LAYOUT PLAN**

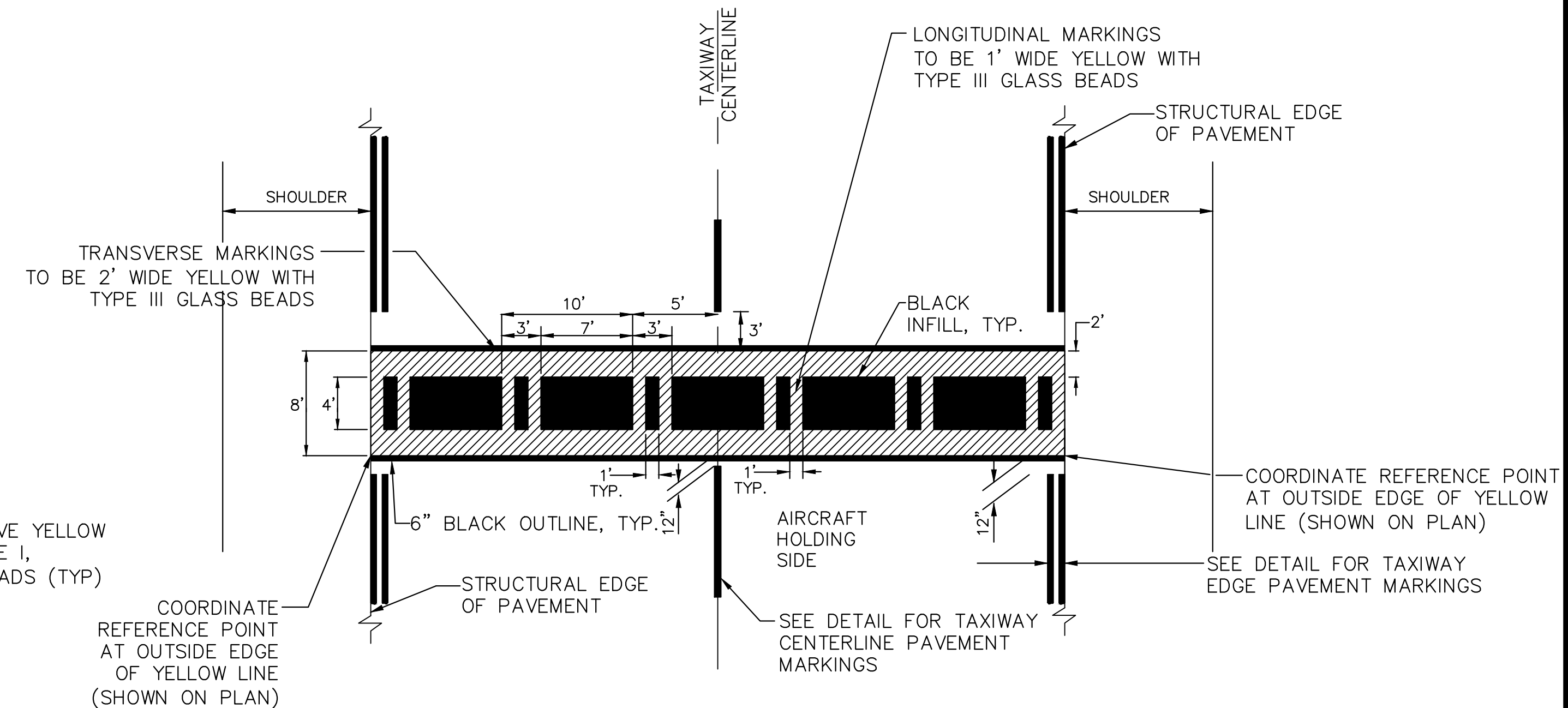
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 DATE: 05/27/2021
 SCALE: 1:100
 SHEET NO. 187



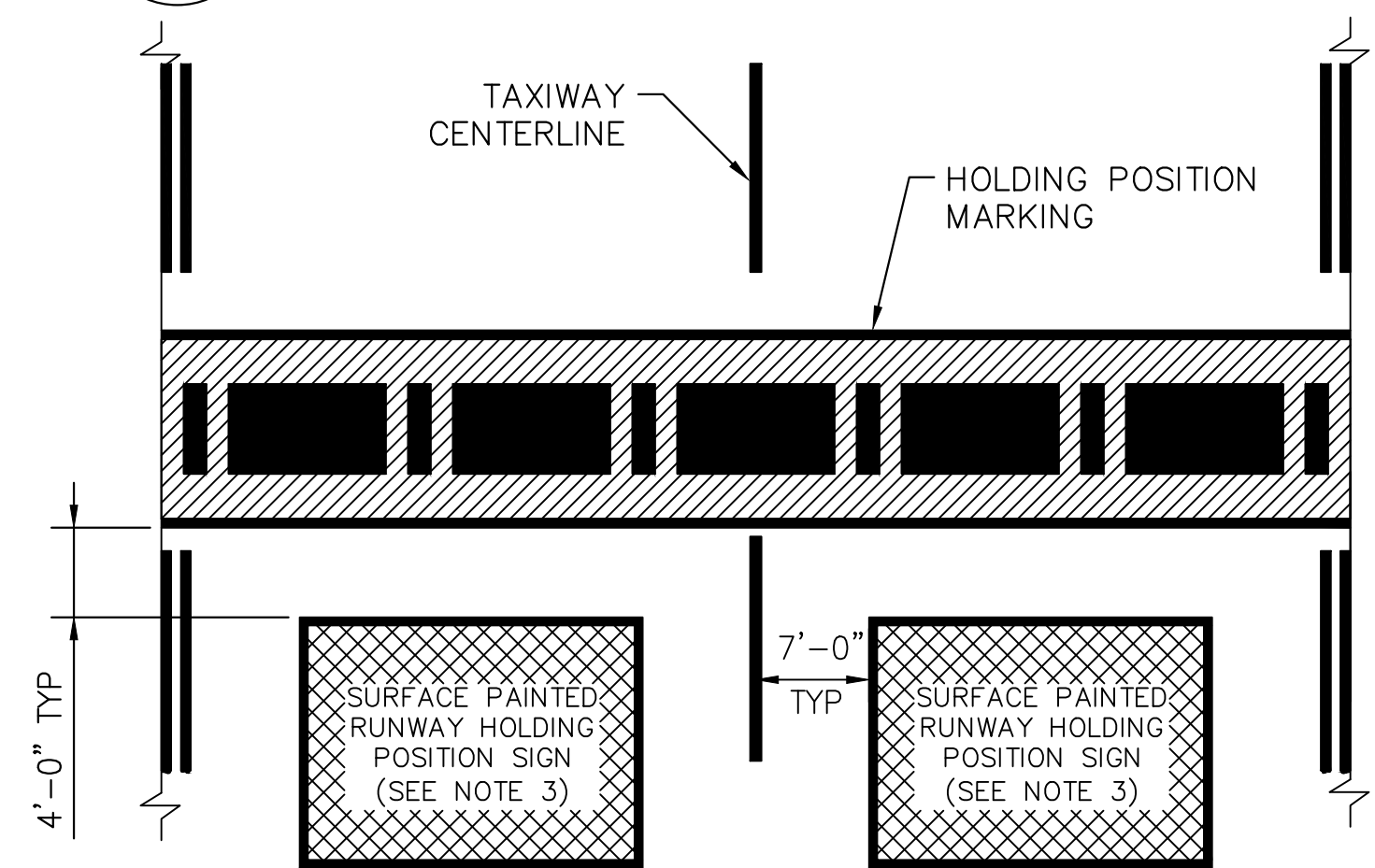
1 TAXIWAY CENTERLINE MARKING
N.T.S.



2 TAXIWAY EDGE MARKING
N.T.S.



3 ILS CRITICAL AREA / RUNWAY APPROACH / DEPARTURE AREA HOLDING POSITION MARKING
N.T.S.

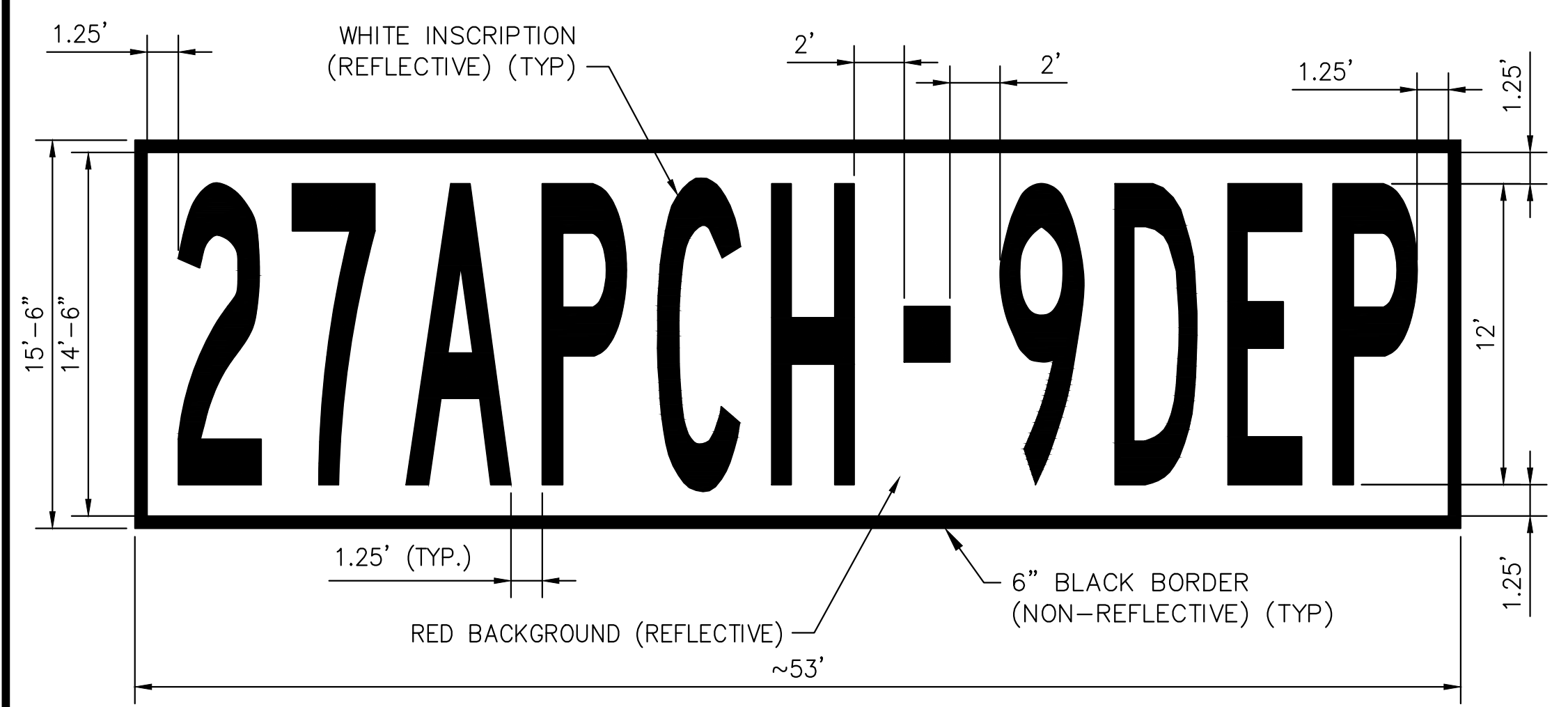


4 LOCATION OF SURFACE PAINTED HOLDING POSITION SIGNS RELATIVE TO MARKING
N.T.S.

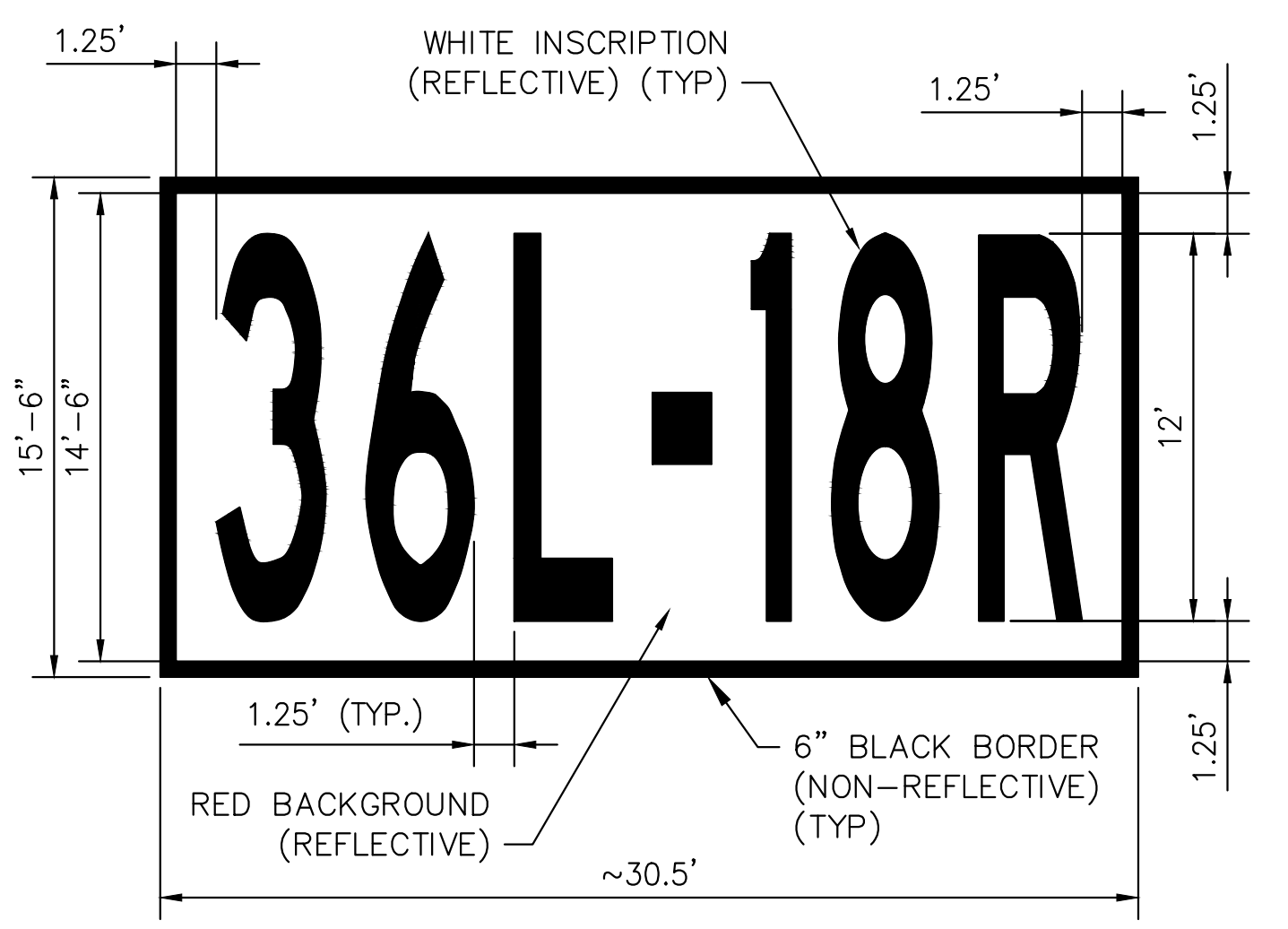
NOTES

- PAVEMENT MARKING DETAILS SHALL CONFORM TO THE LATEST EDITION OF THE FEDERAL AVIATION ADMINISTRATION'S ADVISORY CIRCULAR AC-150/5340-1. IF A CONFLICT OCCURS BETWEEN THESE PLANS AND THE ADVISORY CIRCULAR, THE ADVISORY CIRCULAR SHALL TAKE PRECEDENCE.
- PAINT SHALL CONFORM TO ITEM P-620.
- GLASS BEADS ARE REQUIRED ON ALL YELLOW AND WHITE PAVEMENT MARKINGS. REFER TO DETAILS FOR GLASS BEAD TYPE.
- ALL MARKING ON CONCRETE PAVEMENT SHALL BE OUTLINED WITH A 6" BLACK BORDER. THE BORDER IS NOT SHOWN ON SOME DETAILS FOR CLARIFICATION PURPOSES. GLASS BEADS SHALL NOT BE USED IN BLACK PAINT.

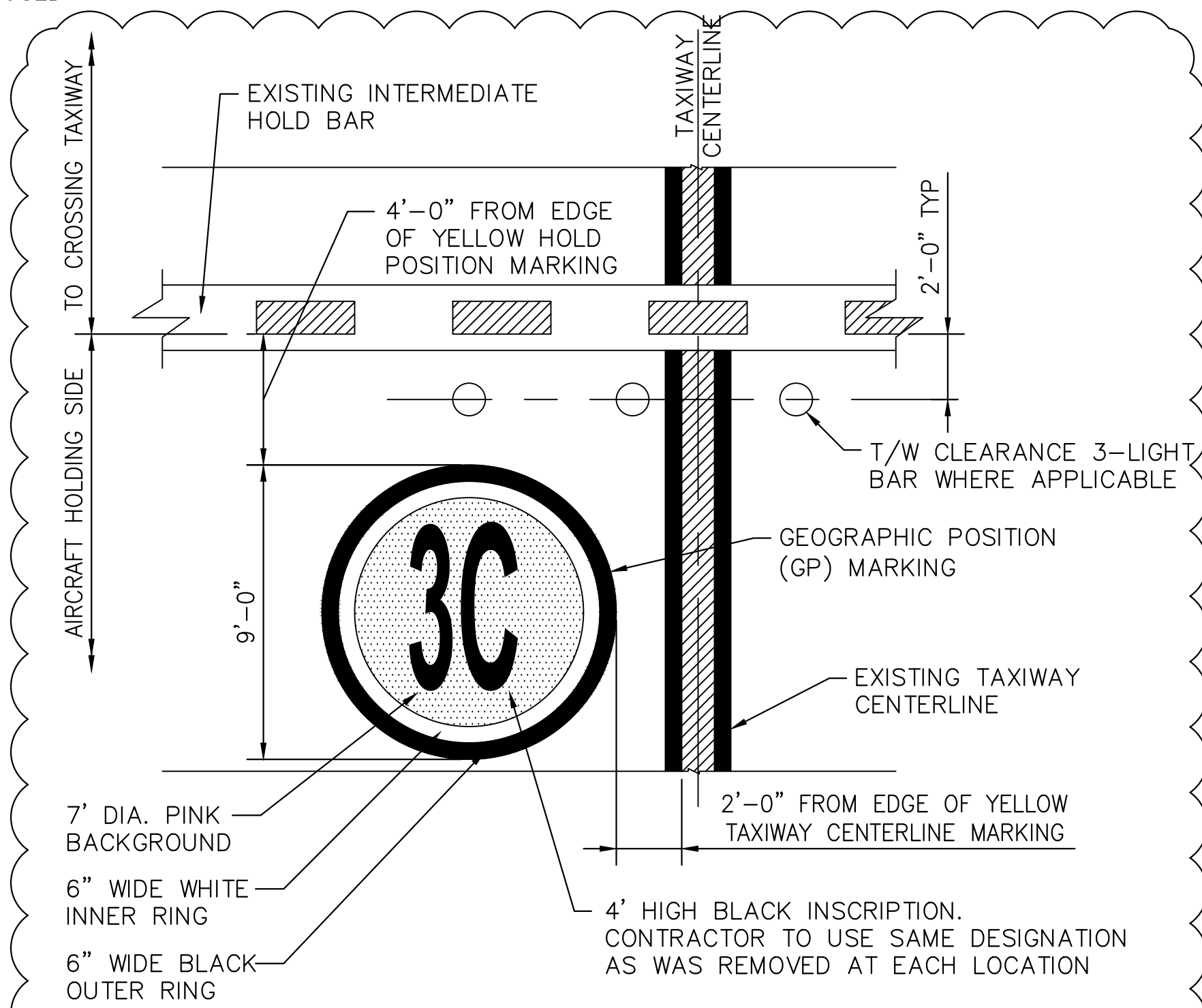
- NOTES:**
- SURFACE PAINTED HOLDING POSITION SIGN SHALL BE PARALLEL WITH HOLDING POSITION MARKING.
 - IF THE HOLDING POSITION MARKING AND TAXIWAY CENTERLINE ARE NOT PERPENDICULAR TO EACH OTHER, THEN THE DISTANCE SHOULD BE MEASURED FROM CENTER OF TAXIWAY CENTERLINE TO NEAREST CORNER OF THE SURFACE PAINTED HOLDING POSITION SIGN (SEE AC 15/5340-1M, APPENDIX D, FIGURE D-7).
 - SEE PAVEMENT MARKING PLAN SHEETS FOR INSCRIPTION AND ORIENTATION.



5 SURFACE PAINTED HOLDING POSITION SIGN
N.T.S.



NOTE: INSCRIPTION SHALL CONFORM TO ADVISORY CIRCULAR 150/5340-1M, APPENDIX B, FIGURES B-1 THROUGH B-5.



NOTES:

- THE CIRCULAR INSCRIPTION AS SHOWN TO BE PAID FOR AS ITEM P-620-5.6 PER EACH.
- THE PROGRAM MANAGER WILL DETERMINE THE EXACT LOCATION FOR THE GEOGRAPHIC POSITION MARKING.

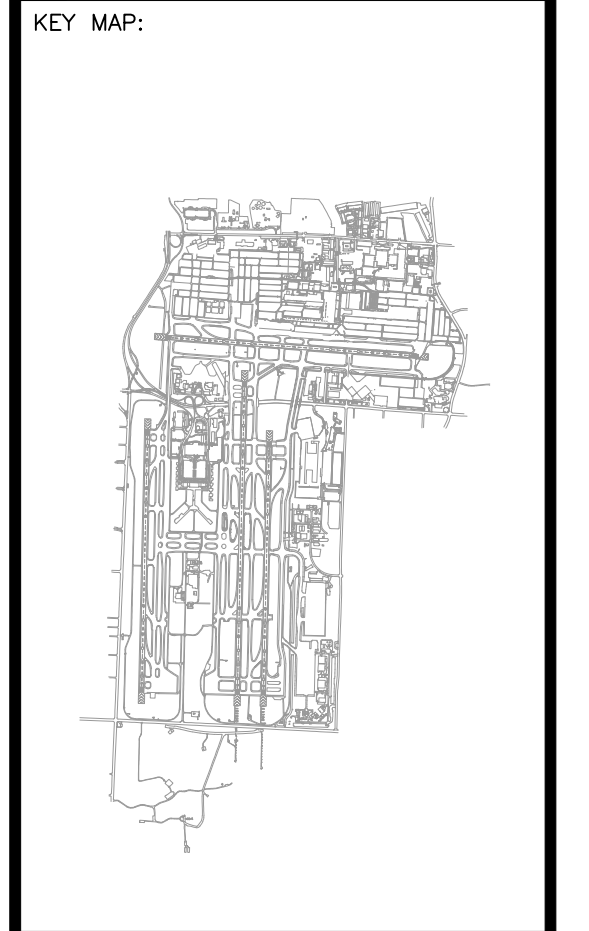
6 GEOGRAPHIC POSITION MARKING
N.T.S.

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CHECKED BY: JMG
APPROVED BY: DLS
STATE OF TENNESSEE
AGRICULTURE
5/27/2021



REVISIONS

MARK	DATE	DESCRIPTION
1	5/27/2021	ADDENDUM #1

MSCAA PROJ. NO. 18-1415-01

PROJECT: MEM AIRFIELD SIGNAGE REPLACEMENT

SHEET TITLE: PAVEMENT MARKING DETAILS

DWG. FILE NAME: 18-1415-00-190.dwg
DATE: 05/27/2021
SCALE: NOT TO SCALE
SHEET NO.: 190