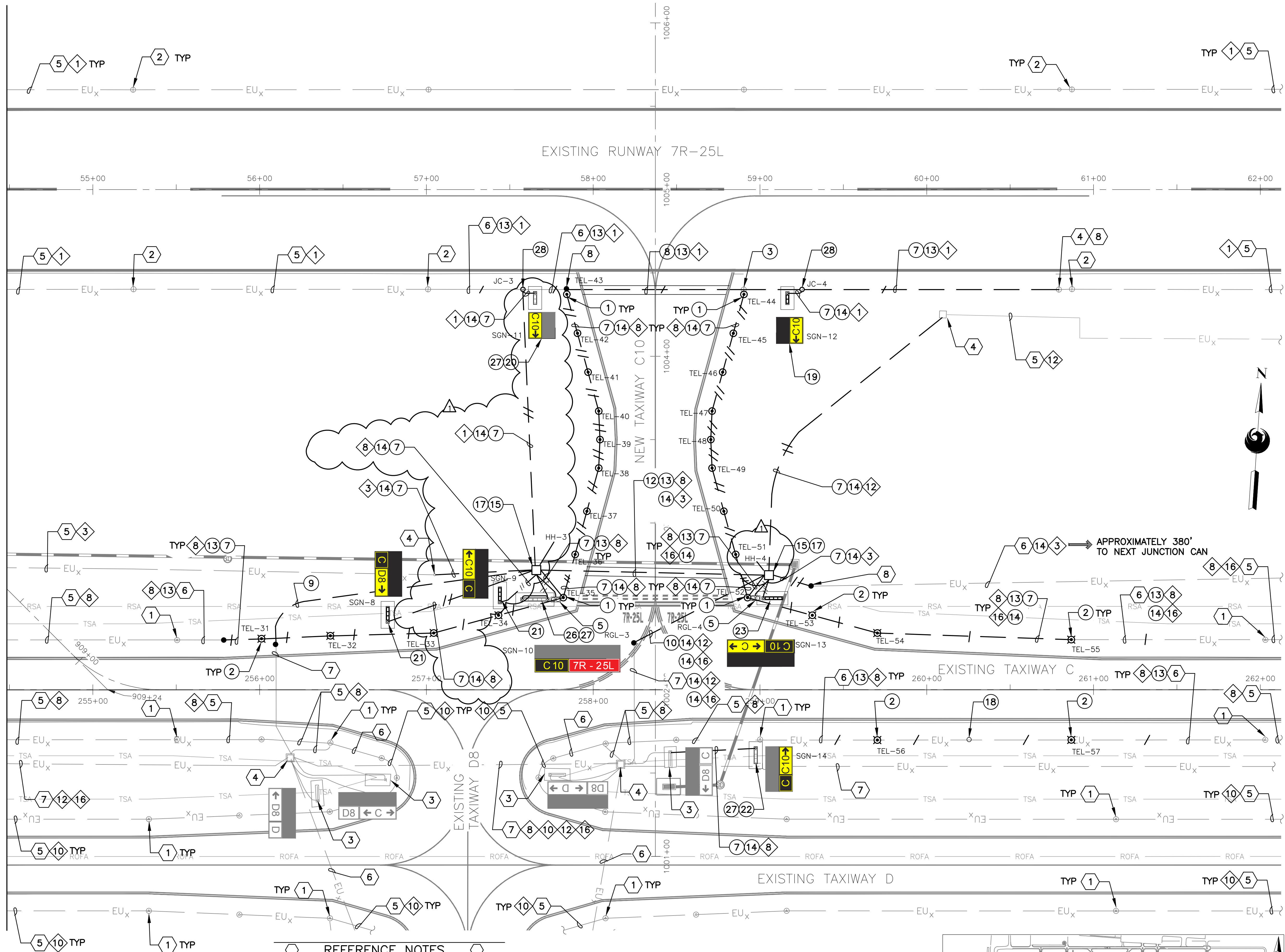


PROJECTS\22000\22002 DVT Trx C Connectors C4-C10\CAD SHEETS\ 22002 EA-101 - EA-TXV - GMP1.dwg - Nov. 05.2024 1:32pm

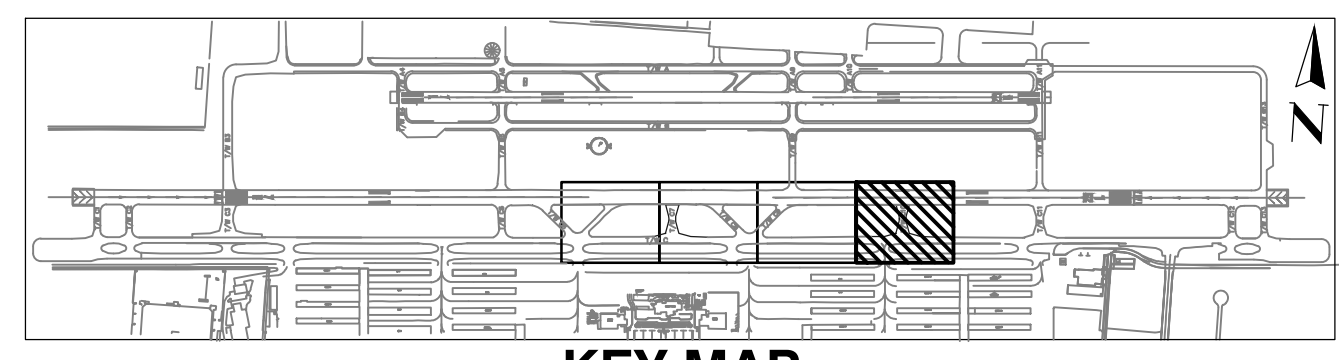
MATCHLINE - SEE SHEET EA-103



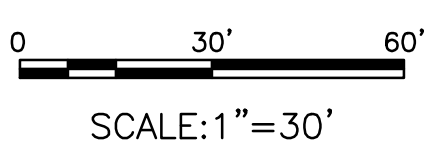
CIRCUIT IDENTIFICATION
SEE CIRCUIT IDENTIFICATION NOTES ON SHEET EA-001.

- REFERENCE NOTES**
- 1 EXISTING TAXIWAY EDGE LIGHT
 - 2 EXISTING RUNWAY EDGE LIGHT
 - 3 EXISTING AIRFIELD GUIDANCE SIGN

- 4 EXISTING HANDHOLE OR JUNCTION CAN
- 5 EXISTING CONDUIT AND CONDUCTOR
- 6 EXISTING CONDUIT
- 7 EXISTING DUCTBANK
- 8 APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE



- CONSTRUCTION NOTES**
- 1 INSTALL NEW ELEVATED LED L-861T(L) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN. (18 TOTAL)
 - 2 INSTALL NEW ELEVATED INCANDESCENT (QUARTZ) L-861T TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN. (9 TOTAL)
 - 3 INSTALL SALVAGED ELEVATED L-861 RUNWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON EXISTING L-867 BASE CAN. (1 TOTAL)
 - 5 INSTALL SALVAGED ELEVATED L-804(L) LED RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN. (2 TOTAL)
 - 7 1-2"C SE (1,830 LF)
 - 8 1-2"C CE (110 LF)
 - 9 2-4"C SE (185 LF)
 - 10 2-4"C CE (95 LF)
 - 11 4-2"C SE (50 LF)
 - 12 4-2"C CE (95 LF)
 - 13 1/C, #8-5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (1,575 LF)
 - 14 2/C, #8-5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (1,905 LF)
 - 15 NEW 4"x4"x4" HANDHOLE WITH AIRCRAFT RATED LID (2 TOTAL)
 - 17 INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (2 TOTAL)
 - 18 INSTALL NEW BLANK COVER ON EXISTING L-867 BASE CAN (1 TOTAL)
 - 19 INSTALL NEW L-858(L) LED, SIZE 1, 2-MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)
 - 20 INSTALL SALVAGED L-858(L) LED, SIZE 1, 2-MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)
 - 21 INSTALL NEW L-858(L) LED, SIZE 1, 3-MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (2 TOTAL)
 - 22 INSTALL SALVAGED L-858(L) LED, SIZE 1, 3-MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)
 - 23 INSTALL NEW L-858(L) LED, SIZE 1, 4-MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)
 - 26 INSTALL SALVAGED L-858(L) LED, SIZE 1, 5-MODULE (2-MOD+3-MOD) AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW DOUBLE-ENDED SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)
 - 27 INSTALL NEW SIZE 1 SIGN PANELS IN EXISTING AIRFIELD GUIDANCE SIGN. (10 TOTAL)
 - 28 NEW L-867B (12" DIA.) JUNCTION CAN (2 TOTAL)



PRIME CONSULTANT

TRACE CONSULTING

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SUB CONSULTANT

CR engineers

1071 E. Jefferson St., Suite 110 Phoenix, AZ 85035

PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX.

NO	REVISIONS / SUBMISSIONS	DATE
1	BUL-0001	5/05/25

PHX DVT BYR

CITY OF PHOENIX AVIATION DEPARTMENT

DVT TAXIWAY C CONNECTORS C4-C10 (GMP 1 - C7 AND C10)

AV31000096 ADOT

Designed by: SW

Drawn by: JBW

Checked by: CA

Date: 06/14/2024

Dwg scale: 1" = 30'

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER: **EA-104**

SHEET 44 OF 56